

QUARTER 3, 2025

FENCELINE MONITORING REPORT FOR THE IRVING OIL SEARSPORT MARINE TERMINAL

Prepared For:

Irving Oil Terminals Inc.

190 Commerce Way
Portsmouth, NH 03801

Facility:

Irving Oil Terminals Inc.

52 Station Ave
Searsport, ME 04974

Prepared By:

Montrose Air Quality Services LLC

45 Route 46 East, Suite 601
Pine Brook, NJ 07058

Report Number: **027AA-027957-RT-1050**

Date: **November 12, 2025**

IRVING OIL SEARSPORT MARINE TERMINAL FENCELINE MONITORING

The State of Maine promulgated the Chapter 171 regulatory rule, which establishes control, operating, inspection, testing, monitoring recordkeeping, and licensure requirements for petroleum storage facilities pursuant to 38 M.R.S. Section 590(1). Chapter 171 applies to petroleum storage facilities licensed or required to obtain an air emission license pursuant to either Major and Minor Source Air Emission License Regulations, 06-096 C.M.R. ch. 115 or Part 70 Air Emission License Regulation, 06-096 C.M.R. Ch. 140. The Irving Oil Searsport Marine Terminal operates under Air Emission License A-413-71-Q-R/A and A-413-71-R-M issued by the State of Maine Department of Environmental Protection Bureau of Air Quality. The License was issued pursuant to Major and Minor Source Air Emission License Regulations, 06-096 C.M.R. Ch. 115 and is subject to the requirements of Ch. 171. Accordingly, fence line monitoring for benzene, ethylbenzene, toluene, and xylenes (BTEX) and analyses of the samples in accordance with Appendix A to 40 C.F.R. Part 63.658, i.e., EPA Methods 325A and 325B as amended on 11/14/2018, is required.

The Irving Oil Searsport Marine Terminal FLM program began on 9/19/24, in accordance with Chapter 171 Section 6B and the Irving Oil Searsport Marine Terminal Chpt. 171 Fence Line Monitoring Plan, Rev 2, dated 8/9/24 and submitted to MEDEP on 8/20/24.

Reporting Requirements of Section 8, Chapter 171 and Corresponding Report Section		
	Requirement	Report Section
A	Facility name and address	Cover Page
B	Year and reporting quarter	Cover Page
C	For each passive monitor:	
	Latitude and longitude location coordinates	Site Coordinates Page
	Sampler name	FLM Results Page (Numbered name by location, in Sample Location column)
	Identification of type of sampler	FLM Results
D	The beginning and ending dates for each sampling period.	FLM Results
E	Individual sample results in units of micrograms per cubic meter for each monitor for each sampling period that ends during the reporting period. Results below the method detection limit shall be flagged as such and reported at the method detection limit.	FLM Results
F	Meteorological data collected during each sampling period, including wind speed and direction.	Meteorological Data Pages

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

Flags:	ND	The analyte was not present above the Method Detection Limit									
	J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit									
	L	Recovery of one or more bracketing CCVs exceeded acceptance limits									
	P	Field duplicate(s) exceed 30%RPD									
	Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit									
Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20250626	B47080	0.856	P	0.272	ND,Pc	0.736	P	0.332	J,Pc	1.75	P
IRVSEA-2-S-20250626	C40668	0.796	P	0.356	J,Pc	1.09	P	0.433	J,Pc	2.24	P
IRVSEA-2-D-20250626	B17101	1.15	P	0.597	Pc	1.67	P	0.706	Pc	3.23	P
IRVSEA-2-B-20250626	B45040	0.187	ND,P	0.272	ND,Pc	0.272	ND,P	0.272	ND,Pc	0.24	ND,P
IRVSEA-3-S-20250626	B33081	1.22	P	0.678	Pc	1.95	P	0.728	Pc	2.85	P
IRVSEA-4-S-20250626	B46315	0.993	P	0.545	J,Pc	1.65	P	0.691	Pc	2.98	P
IRVSEA-5-S-20250626	B48527	0.884	P	0.297	J,Pc	0.992	P	0.424	J,Pc	2.07	P
IRVSEA-6-S-20250626	B17424	0.915	P	0.496	J,Pc	1.27	P	0.559	Pc	2.48	P
IRVSEA-7-S-20250626	B17449	1.75	P	1.08	Pc	3.3	P	1.4	Pc	5.75	P
IRVSEA-8-S-20250626	C01548	1.56	P	1.07	Pc	3.22	P	1.38	Pc	5.75	P
IRVSEA-8-D-20250626	B52855	1.78	P	1.22	Pc	3.55	P	1.52	Pc	6.17	P
IRVSEA-8-B-20250626	C24225	0.187	ND,P	0.272	ND,Pc	0.272	ND,P	0.272	ND,Pc	0.24	ND,P
IRVSEA-9-S-20250626	C60292	1.41	P	0.987	Pc	3.43	P	1.42	Pc	5.26	P
IRVSEA-10-S-20250626	B49540	2.57	P	1.72	Pc	5.77	P	2.38	Pc	10.3	P
IRVSEA-11-S-20250626	B46754	2.56	P	1.74	Pc	5.79	P	2.37	Pc	10.8	P
IRVSEA-12-S-20250626	C00842	1.8	P	1.07	Pc	3.53	P	1.46	Pc	7.08	P
IRVSEA-13-S-20250626	B50870	1.31	P	0.612	Pc	1.64	P	0.668	Pc	3.44	P
IRVSEA-14-S-20250626	C55769	0.748	P	0.441	J,Pc	1.45	P	0.601	Pc	2.48	P
IRVSEA-15-S-20250626	B19797	0.704	P	0.272	ND,Pc	0.518	J,P	0.272	ND,Pc	1.11	P
IRVSEA-16-S-20250626	C38880	0.446	P	0.272	ND,Pc	0.46	J,P	0.272	ND,Pc	0.93	P
IRVSEA-17-S-20250626	B16364	0.577	P	0.272	ND,Pc	0.667	P	0.291	J,Pc	1.24	P
IRVSEA-1-S-20250710	C17294	0.817		0.424	J	0.925	P	0.386	J,Pc	2.07	
IRVSEA-2-S-20250710	C01914	0.785		0.456	J	1.12	P	0.445	J,Pc	2.55	
IRVSEA-2-D-20250710	C55548	0.869		0.537	J	1.54	P	0.615	Pc	3.15	
IRVSEA-2-B-20250710	C33283	0.186	ND	0.272	ND	0.272	ND,P	0.272	ND,Pc	0.24	ND
IRVSEA-3-S-20250710	C34188	0.721		0.516	J	1.44	P	0.545	J,Pc	2.73	
IRVSEA-4-S-20250710	C39044	0.824		0.709		2.17	P	0.783	Pc	3.28	
IRVSEA-5-S-20250710	C24281	0.532		0.357	J	0.767	P	0.303	J,Pc	1.62	
IRVSEA-6-S-20250710	C55325	0.745		0.563		1.68	P	0.601	Pc	2.72	
IRVSEA-7-S-20250710	C53575	1.5		2.84		9.19	P	2.5	Pc	6.56	
IRVSEA-8-S-20250710	B47138	1.95		2.24		4.42	P	1.78	Pc	8.09	
IRVSEA-8-D-20250710	B42298	1.8		1.81		4.66	P	1.83	Pc	8.02	

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

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Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-8-B-20250710	B28899	0.186	ND	0.272	ND	0.272	ND,P	0.272	ND,Pc	0.24	ND
IRVSEA-9-S-20250710	C40537	1.03		0.781		2.18	P	0.83	Pc	4.13	
IRVSEA-10-S-20250710	C38567	1.68		1.11		3.38	P	1.38	Pc	7.06	
IRVSEA-11-S-20250710	C57738	2.77		2		6.54	P	2.62	Pc	13.1	
IRVSEA-12-S-20250710	C32866	2.76		2.23		6.2	P	2.53	Pc	13.4	
IRVSEA-13-S-20250710	B12139	1.75		1.37		3.1	P	1.31	Pc	6.88	
IRVSEA-14-S-20250710	B51059	0.965		0.784		1.92	P	0.794	Pc	4.01	
IRVSEA-15-S-20250710	C16078	0.591		0.272	ND	0.485	J,P	0.272	ND,Pc	1.57	
IRVSEA-16-S-20250710	B17498	0.589		0.272	ND	0.418	J,P	0.272	ND,Pc	1.2	
IRVSEA-17-S-20250710	C43326	0.462		0.272	ND	0.799	P	0.309	J,Pc	1.24	
IRVSEA-1-S-20250724	C37005	0.837		0.496	J	1.67		0.602		1.94	
IRVSEA-2-S-20250724	C60245	1.02		0.711		2.73		0.936		2.31	
IRVSEA-2-D-20250724	B50680	1.26		0.882		3.29		1.07		2.86	
IRVSEA-2-B-20250724	B46098	0.186	ND	0.271	ND	0.271	ND	0.271	ND	0.24	ND
IRVSEA-3-S-20250724	B52892	1.12		1.03		4.09		1.32		3.07	
IRVSEA-4-S-20250724	C57528	1.33		2.12		9.15		2.5		3.49	
IRVSEA-5-S-20250724	B47185	0.965		1.06		4.28		1.2		2	
IRVSEA-6-S-20250724	C55374	1.28		1.38		5.88		1.87		3.54	
IRVSEA-7-S-20250724	C59918	2.07		4.22		17.6		4.61		7.09	
IRVSEA-8-S-20250724	C65292	4.13		3.49		13.4		4.59		14.8	
IRVSEA-8-D-20250724	C24082	4.47		3.35		13.3		4.68		14.4	
IRVSEA-8-B-20250724	C34148	0.186	ND	0.271	ND	0.271	ND	0.271	ND	0.24	ND
IRVSEA-9-S-20250724	C43725	1.88		1.55		5.21		1.88		5.97	
IRVSEA-10-S-20250724	C55394	2.37		1.46		5.71		2.22		7.6	
IRVSEA-11-S-20250724	C43607	2.47		1.67		6.05		2.42		8.44	
IRVSEA-12-S-20250724	B19700	1.51		0.925		3.03		1.16		4.65	
IRVSEA-13-S-20250724	B48031	1.22		0.547	J	1.56		0.581		2.47	
IRVSEA-14-S-20250724	C61573	0.876		0.463	J	1.84		0.694		2.08	
IRVSEA-15-S-20250724	C55555	0.817		0.272	ND	0.8		0.327	J	1.28	
IRVSEA-16-S-20250724	C39244	0.684		0.272	ND	0.546		0.272	ND	0.922	
IRVSEA-17-S-20250724	C61723	0.73		0.272	ND	0.925		0.423	J	1.15	

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		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20250807	C43670	0.699		0.403	J,Pc	1.28	P	0.545	J,Pc	2.06	P
IRVSEA-2-S-20250807	B27852	0.792		0.552	J,Pc	1.2	P	0.499	J,Pc	2.13	P
IRVSEA-2-D-20250807	B16991	1.07		0.78	Pc	1.65	P	0.696	Pc	2.91	P
IRVSEA-2-B-20250807	C36978	0.186	ND	0.271	ND,Pc	0.271	ND,P	0.271	ND,Pc	0.24	ND,P
IRVSEA-3-S-20250807	B16975	1.15		0.708	Pc	1.72	P	0.629	Pc	2.63	P
IRVSEA-4-S-20250807	B27801	0.947		1.08	Pc	2.08	P	0.674	Pc	2.3	P
IRVSEA-5-S-20250807	C53603	0.724		0.763	Pc	1.75	P	0.618	Pc	1.88	P
IRVSEA-6-S-20250807	B50669	1.12		0.893	Pc	2.19	P	0.932	Pc	3.58	P
IRVSEA-7-S-20250807	C34309	2.02		1.46	Pc	5.05	P	1.95	Pc	7.49	P
IRVSEA-8-S-20250807	C37425	3.72		2.62	Pc	8.82	P	3.46	Pc	14.7	P
IRVSEA-8-D-20250807	B43918	3.71		2.7	Pc	9.19	P	3.71	Pc	14.9	P
IRVSEA-8-B-20250807	C43870	0.186	ND	0.271	ND,Pc	0.271	ND,P	0.271	ND,Pc	0.25	J,P
IRVSEA-9-S-20250807	C60208	2.51		1.72	Pc	6.57	P	2.59	Pc	9.59	P
IRVSEA-10-S-20250807	B44216	3.15		2.14	Pc	7.21	P	2.95	Pc	11.4	P
IRVSEA-11-S-20250807	C40143	2.86		1.93	Pc	5.83	P	2.33	Pc	9.78	P
IRVSEA-12-S-20250807	C36989	1.62		1.34	Pc	3.6	P	1.53	Pc	5.85	P
IRVSEA-13-S-20250807	B51054	0.895		0.798	Pc	1.91	P	0.845	Pc	2.85	P
IRVSEA-14-S-20250807	C40605	0.72		1.84	Pc	2.46	P	1.56	Pc	2.19	P
IRVSEA-15-S-20250807	C35786	0.494		0.388	J,Pc	0.688	P	0.282	J,Pc	1.2	P
IRVSEA-16-S-20250807	B34001	0.413		0.316	J,Pc	0.371	J,P	0.271	ND,Pc	0.843	P
IRVSEA-17-S-20250807	C38900	0.461		0.288	J,Pc	0.475	J,P	0.271	ND,Pc	0.945	P
IRVSEA-1-S-20250821	C70169	2.95		2.25	Pc	7.59		3.04		13.3	
IRVSEA-2-S-20250821	B46818	1.76		1.18	J,Pc	3.55		1.32		8.21	
IRVSEA-2-D-20250821	B50948	1.85		1.61	Pc	4.68		1.59		7.9	
IRVSEA-2-B-20250821	C70840	0.187	ND	0.273	ND,Pc	0.273	ND	0.273	ND	0.242	ND
IRVSEA-3-S-20250821	C33515	1.94		1.73	Pc	5.06		1.79		8.84	
IRVSEA-4-S-20250821	C43280	1.87		1.81	Pc	5.58		1.87		8.37	
IRVSEA-5-S-20250821	C43376	2.09		1.57	Pc	5.21		1.83		10.3	
IRVSEA-6-S-20250821	B12042	3.02		1.69	Pc	5.37		1.96		12	
IRVSEA-7-S-20250821	C33427	3.04		1.61	Pc	5.29		1.98		11.5	
IRVSEA-8-S-20250821	C32909	3.22		1.77	Pc	5.68		2.09		12	

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Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-8-D-20250821	C70078	3.72		2.26	Pc	7.45		2.69	L	13.2	
IRVSEA-8-B-20250821	B28902	0.188	ND	0.273	ND,Pc	0.273	ND	0.273	ND,L	0.242	ND
IRVSEA-9-S-20250821	B49474	2.44		1.85	Pc	5.89		2.18	L	11.1	
IRVSEA-10-S-20250821	C32827	2.68		1.8	Pc	5.81		2.07	L	11	
IRVSEA-11-S-20250821	C59994	3.55		2.52	Pc	8.72		3.29	L	14.7	
IRVSEA-12-S-20250821	C57558	4.5		2.95	Pc	10.1		3.58	L	18.3	
IRVSEA-13-S-20250821	C70835	3.06		2.52	Pc	8.84		3.1	L	13.7	
IRVSEA-14-S-20250821	C38594	1.67		1.37	Pc	4.03		1.48	L	7.24	
IRVSEA-15-S-20250821	C59929	1.73		1.41	Pc	4.97		1.79	L	8.85	
IRVSEA-16-S-20250821	B20697	2.67		2.66	Pc	7.71		2.81	L	14.9	
IRVSEA-17-S-20250821	C43543	2.06		2.13	Pc	7.4		2.53	L	11.6	
IRVSEA-1-S-20250904	B20686	2.12		0.686		2.1	P	0.76	Pc	3.21	P
IRVSEA-2-S-20250904	B46063	1.31		0.519	J	1.75	P	0.628	Pc	3.17	P
IRVSEA-2-D-20250904	C55571	1.69		0.684		2.6	P	0.897	Pc	4.41	P
IRVSEA-2-B-20250904	B47840	0.188	ND	0.274	ND	0.274	ND,P	0.274	ND,Pc	0.242	ND,P
IRVSEA-3-S-20250904	B19915	1.88		0.856		2.98	P	0.973	Pc	4.2	P
IRVSEA-4-S-20250904	C40606	2.21		1.19		4.25	P	1.32	Pc	5.89	P
IRVSEA-5-S-20250904	C02023	1.8		1.48		5.5	P	1.65	Pc	4.62	P
IRVSEA-6-S-20250904	B17405	3.56		1.39		4.59	P	1.67	Pc	7.44	P
IRVSEA-7-S-20250904	B15489	4.67		2.58		9.77	P	3.51	Pc	14.2	P
IRVSEA-8-S-20250904	B49412	6.45		3.74		13.8	P	5	Pc	20.7	P
IRVSEA-8-D-20250904	C24205	6.46		3.86		14.6	P	5.27	Pc	21.6	P
IRVSEA-8-B-20250904	B50580	0.188	ND	0.274	ND	0.274	ND,P	0.274	ND,Pc	0.242	ND,P
IRVSEA-9-S-20250904	C00664	2.93		1.55		5.34	P	1.92	Pc	8.31	P
IRVSEA-10-S-20250904	B43299	3.35		2.61		10.1	P	3.17	Pc	10.3	P
IRVSEA-11-S-20250904	B29389	3.84		2.62		9.44	P	3.12	Pc	11.9	P
IRVSEA-12-S-20250904	C37468	2.81		1.67		5.41	P	1.95	Pc	9.18	P
IRVSEA-13-S-20250904	B50971	1.6		0.705		2.46	P	0.906	Pc	4.26	P
IRVSEA-14-S-20250904	C16086	1.28		0.508	J	1.83	P	0.703	Pc	3.11	P
IRVSEA-15-S-20250904	C01829	1		0.285	J	0.911	P	0.346	J,Pc	1.68	P
IRVSEA-16-S-20250904	C01366	0.941		0.274	J	0.601	P	0.274	ND,Pc	1.24	P

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Sample Code	Tube ID	Benzene		Ethylbenzene		m-/p-Xylene		o-Xylene		Toluene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-17-S-20250904	C01517	1.67		0.274	ND	0.794	P	0.297	J,Pc	1.56	P
Quarter 3, 2025 Maximum		6.45		4.22		17.6		5.00		20.7	
Quarter 3, 2025 Average		1.75		1.24		4.02		1.47		6.04	
Rolling Annual Maximum		6.45		27.3		128		40.9		20.7	
Rolling Annual Average		1.29		2.59		10.8		3.62		4.70	

IRVING OIL TERMINALS INC. – SEARSPORT MARINE TERMINAL
FLM MONITORING RESULTS
SAMPLE EVENTS 6-26-25 THROUGH 9-18-25

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-1-S-20250626	1	Benzene	Sample	0.856	ug/m3	0.187	ug/m3	P	Y	6/26/2025	07:50	7/10/2025	08:00
IRVSEA-1-S-20250626	1	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	07:50	7/10/2025	08:00
IRVSEA-1-S-20250626	1	m-/p-Xylenes	Sample	0.736	ug/m3	0.272	ug/m3	P	Y	6/26/2025	07:50	7/10/2025	08:00
IRVSEA-1-S-20250626	1	o-Xylene	Sample	0.332	ug/m3	0.272	ug/m3	J,Pc	Y	6/26/2025	07:50	7/10/2025	08:00
IRVSEA-1-S-20250626	1	Toluene	Sample	1.75	ug/m3	0.24	ug/m3	P	Y	6/26/2025	07:50	7/10/2025	08:00
IRVSEA-2-S-20250626	2	Benzene	Sample	0.796	ug/m3	0.187	ug/m3	P	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-S-20250626	2	Ethylbenzene	Sample	0.356	ug/m3	0.272	ug/m3	J,Pc	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-S-20250626	2	m-/p-Xylenes	Sample	1.09	ug/m3	0.272	ug/m3	P	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-S-20250626	2	o-Xylene	Sample	0.433	ug/m3	0.272	ug/m3	J,Pc	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-S-20250626	2	Toluene	Sample	2.24	ug/m3	0.24	ug/m3	P	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-D-20250626	2	Benzene	Duplicate	1.15	ug/m3	0.187	ug/m3	P	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-D-20250626	2	Ethylbenzene	Duplicate	0.597	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-D-20250626	2	m-/p-Xylenes	Duplicate	1.67	ug/m3	0.272	ug/m3	P	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-D-20250626	2	o-Xylene	Duplicate	0.706	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-D-20250626	2	Toluene	Duplicate	3.23	ug/m3	0.24	ug/m3	P	Y	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-B-20250626	2	Benzene	Blank	<0.187	ug/m3	0.187	ug/m3	ND,P	N	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-B-20250626	2	Ethylbenzene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-B-20250626	2	m-/p-Xylenes	Blank	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-B-20250626	2	o-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-2-B-20250626	2	Toluene	Blank	<0.24	ug/m3	0.24	ug/m3	ND,P	N	6/26/2025	08:00	7/10/2025	08:10
IRVSEA-3-S-20250626	3	Benzene	Sample	1.22	ug/m3	0.187	ug/m3	P	Y	6/26/2025	08:10	7/10/2025	08:20
IRVSEA-3-S-20250626	3	Ethylbenzene	Sample	0.678	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	08:10	7/10/2025	08:20
IRVSEA-3-S-20250626	3	m-/p-Xylenes	Sample	1.95	ug/m3	0.272	ug/m3	P	Y	6/26/2025	08:10	7/10/2025	08:20
IRVSEA-3-S-20250626	3	o-Xylene	Sample	0.728	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	08:10	7/10/2025	08:20
IRVSEA-3-S-20250626	3	Toluene	Sample	2.85	ug/m3	0.24	ug/m3	P	Y	6/26/2025	08:10	7/10/2025	08:20
IRVSEA-4-S-20250626	4	Benzene	Sample	0.993	ug/m3	0.187	ug/m3	P	Y	6/26/2025	08:20	7/10/2025	08:30
IRVSEA-4-S-20250626	4	Ethylbenzene	Sample	0.545	ug/m3	0.272	ug/m3	J,Pc	Y	6/26/2025	08:20	7/10/2025	08:30
IRVSEA-4-S-20250626	4	m-/p-Xylenes	Sample	1.65	ug/m3	0.272	ug/m3	P	Y	6/26/2025	08:20	7/10/2025	08:30
IRVSEA-4-S-20250626	4	o-Xylene	Sample	0.691	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	08:20	7/10/2025	08:30
IRVSEA-4-S-20250626	4	Toluene	Sample	2.98	ug/m3	0.24	ug/m3	P	Y	6/26/2025	08:20	7/10/2025	08:30
IRVSEA-5-S-20250626	5	Benzene	Sample	0.884	ug/m3	0.187	ug/m3	P	Y	6/26/2025	08:30	7/10/2025	08:40
IRVSEA-5-S-20250626	5	Ethylbenzene	Sample	0.297	ug/m3	0.272	ug/m3	J,Pc	Y	6/26/2025	08:30	7/10/2025	08:40

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-5-S-20250626	5	m-/p-Xylenes	Sample	0.992	ug/m3	0.272	ug/m3	P	Y	6/26/2025	08:30	7/10/2025	08:40
IRVSEA-5-S-20250626	5	o-Xylene	Sample	0.424	ug/m3	0.272	ug/m3	J,Pc	Y	6/26/2025	08:30	7/10/2025	08:40
IRVSEA-5-S-20250626	5	Toluene	Sample	2.07	ug/m3	0.24	ug/m3	P	Y	6/26/2025	08:30	7/10/2025	08:40
IRVSEA-6-S-20250626	6	Benzene	Sample	0.915	ug/m3	0.187	ug/m3	P	Y	6/26/2025	08:40	7/10/2025	08:50
IRVSEA-6-S-20250626	6	Ethylbenzene	Sample	0.496	ug/m3	0.272	ug/m3	J,Pc	Y	6/26/2025	08:40	7/10/2025	08:50
IRVSEA-6-S-20250626	6	m-/p-Xylenes	Sample	1.27	ug/m3	0.272	ug/m3	P	Y	6/26/2025	08:40	7/10/2025	08:50
IRVSEA-6-S-20250626	6	o-Xylene	Sample	0.559	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	08:40	7/10/2025	08:50
IRVSEA-6-S-20250626	6	Toluene	Sample	2.48	ug/m3	0.24	ug/m3	P	Y	6/26/2025	08:40	7/10/2025	08:50
IRVSEA-7-S-20250626	7	Benzene	Sample	1.75	ug/m3	0.187	ug/m3	P	Y	6/26/2025	08:50	7/10/2025	09:00
IRVSEA-7-S-20250626	7	Ethylbenzene	Sample	1.08	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	08:50	7/10/2025	09:00
IRVSEA-7-S-20250626	7	m-/p-Xylenes	Sample	3.3	ug/m3	0.272	ug/m3	P	Y	6/26/2025	08:50	7/10/2025	09:00
IRVSEA-7-S-20250626	7	o-Xylene	Sample	1.4	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	08:50	7/10/2025	09:00
IRVSEA-7-S-20250626	7	Toluene	Sample	5.75	ug/m3	0.24	ug/m3	P	Y	6/26/2025	08:50	7/10/2025	09:00
IRVSEA-8-S-20250626	8	Benzene	Sample	1.56	ug/m3	0.187	ug/m3	P	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-S-20250626	8	Ethylbenzene	Sample	1.07	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-S-20250626	8	m-/p-Xylenes	Sample	3.22	ug/m3	0.272	ug/m3	P	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-S-20250626	8	o-Xylene	Sample	1.38	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-S-20250626	8	Toluene	Sample	5.75	ug/m3	0.24	ug/m3	P	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-D-20250626	8	Benzene	Duplicate	1.78	ug/m3	0.187	ug/m3	P	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-D-20250626	8	Ethylbenzene	Duplicate	1.22	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-D-20250626	8	m-/p-Xylenes	Duplicate	3.55	ug/m3	0.272	ug/m3	P	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-D-20250626	8	o-Xylene	Duplicate	1.52	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-D-20250626	8	Toluene	Duplicate	6.17	ug/m3	0.24	ug/m3	P	Y	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-B-20250626	8	Benzene	Blank	<0.187	ug/m3	0.187	ug/m3	ND,P	N	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-B-20250626	8	Ethylbenzene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-B-20250626	8	m-/p-Xylenes	Blank	<0.272	ug/m3	0.272	ug/m3	ND,P	N	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-B-20250626	8	o-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-8-B-20250626	8	Toluene	Blank	<0.24	ug/m3	0.24	ug/m3	ND,P	N	6/26/2025	09:00	7/10/2025	09:10
IRVSEA-9-S-20250626	9	Benzene	Sample	1.41	ug/m3	0.187	ug/m3	P	Y	6/26/2025	09:10	7/10/2025	09:20
IRVSEA-9-S-20250626	9	Ethylbenzene	Sample	0.987	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:10	7/10/2025	09:20
IRVSEA-9-S-20250626	9	m-/p-Xylenes	Sample	3.43	ug/m3	0.272	ug/m3	P	Y	6/26/2025	09:10	7/10/2025	09:20
IRVSEA-9-S-20250626	9	o-Xylene	Sample	1.42	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:10	7/10/2025	09:20

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-9-S-20250626	9	Toluene	Sample	5.26	ug/m3	0.24	ug/m3	P	Y	6/26/2025	09:10	7/10/2025	09:20
IRVSEA-10-S-20250626	10	Benzene	Sample	2.57	ug/m3	0.187	ug/m3	P	Y	6/26/2025	09:20	7/10/2025	09:30
IRVSEA-10-S-20250626	10	Ethylbenzene	Sample	1.72	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:20	7/10/2025	09:30
IRVSEA-10-S-20250626	10	m-/p-Xylenes	Sample	5.77	ug/m3	0.272	ug/m3	P	Y	6/26/2025	09:20	7/10/2025	09:30
IRVSEA-10-S-20250626	10	o-Xylene	Sample	2.38	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:20	7/10/2025	09:30
IRVSEA-10-S-20250626	10	Toluene	Sample	10.3	ug/m3	0.24	ug/m3	P	Y	6/26/2025	09:20	7/10/2025	09:30
IRVSEA-11-S-20250626	11	Benzene	Sample	2.56	ug/m3	0.187	ug/m3	P	Y	6/26/2025	09:30	7/10/2025	09:40
IRVSEA-11-S-20250626	11	Ethylbenzene	Sample	1.74	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:30	7/10/2025	09:40
IRVSEA-11-S-20250626	11	m-/p-Xylenes	Sample	5.79	ug/m3	0.272	ug/m3	P	Y	6/26/2025	09:30	7/10/2025	09:40
IRVSEA-11-S-20250626	11	o-Xylene	Sample	2.37	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:30	7/10/2025	09:40
IRVSEA-11-S-20250626	11	Toluene	Sample	10.8	ug/m3	0.24	ug/m3	P	Y	6/26/2025	09:30	7/10/2025	09:40
IRVSEA-12-S-20250626	12	Benzene	Sample	1.8	ug/m3	0.187	ug/m3	P	Y	6/26/2025	09:40	7/10/2025	09:50
IRVSEA-12-S-20250626	12	Ethylbenzene	Sample	1.07	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:40	7/10/2025	09:50
IRVSEA-12-S-20250626	12	m-/p-Xylenes	Sample	3.53	ug/m3	0.272	ug/m3	P	Y	6/26/2025	09:40	7/10/2025	09:50
IRVSEA-12-S-20250626	12	o-Xylene	Sample	1.46	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:40	7/10/2025	09:50
IRVSEA-12-S-20250626	12	Toluene	Sample	7.08	ug/m3	0.24	ug/m3	P	Y	6/26/2025	09:40	7/10/2025	09:50
IRVSEA-13-S-20250626	13	Benzene	Sample	1.31	ug/m3	0.187	ug/m3	P	Y	6/26/2025	09:50	7/10/2025	10:00
IRVSEA-13-S-20250626	13	Ethylbenzene	Sample	0.612	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:50	7/10/2025	10:00
IRVSEA-13-S-20250626	13	m-/p-Xylenes	Sample	1.64	ug/m3	0.272	ug/m3	P	Y	6/26/2025	09:50	7/10/2025	10:00
IRVSEA-13-S-20250626	13	o-Xylene	Sample	0.668	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	09:50	7/10/2025	10:00
IRVSEA-13-S-20250626	13	Toluene	Sample	3.44	ug/m3	0.24	ug/m3	P	Y	6/26/2025	09:50	7/10/2025	10:00
IRVSEA-14-S-20250626	14	Benzene	Sample	0.748	ug/m3	0.187	ug/m3	P	Y	6/26/2025	10:00	7/10/2025	10:10
IRVSEA-14-S-20250626	14	Ethylbenzene	Sample	0.441	ug/m3	0.272	ug/m3	J,Pc	Y	6/26/2025	10:00	7/10/2025	10:10
IRVSEA-14-S-20250626	14	m-/p-Xylenes	Sample	1.45	ug/m3	0.272	ug/m3	P	Y	6/26/2025	10:00	7/10/2025	10:10
IRVSEA-14-S-20250626	14	o-Xylene	Sample	0.601	ug/m3	0.272	ug/m3	Pc	Y	6/26/2025	10:00	7/10/2025	10:10
IRVSEA-14-S-20250626	14	Toluene	Sample	2.48	ug/m3	0.24	ug/m3	P	Y	6/26/2025	10:00	7/10/2025	10:10
IRVSEA-15-S-20250626	15	Benzene	Sample	0.704	ug/m3	0.186	ug/m3	P	Y	6/26/2025	10:25	7/10/2025	10:40
IRVSEA-15-S-20250626	15	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	10:25	7/10/2025	10:40
IRVSEA-15-S-20250626	15	m-/p-Xylenes	Sample	0.518	ug/m3	0.272	ug/m3	J,P	Y	6/26/2025	10:25	7/10/2025	10:40
IRVSEA-15-S-20250626	15	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	10:25	7/10/2025	10:40
IRVSEA-15-S-20250626	15	Toluene	Sample	1.11	ug/m3	0.24	ug/m3	P	Y	6/26/2025	10:25	7/10/2025	10:40
IRVSEA-16-S-20250626	16	Benzene	Sample	0.446	ug/m3	0.186	ug/m3	P	Y	6/26/2025	10:35	7/10/2025	10:50

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-16-S-20250626	16	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	10:35	7/10/2025	10:50
IRVSEA-16-S-20250626	16	m-/p-Xylenes	Sample	0.46	ug/m3	0.272	ug/m3	J,P	Y	6/26/2025	10:35	7/10/2025	10:50
IRVSEA-16-S-20250626	16	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	10:35	7/10/2025	10:50
IRVSEA-16-S-20250626	16	Toluene	Sample	0.93	ug/m3	0.24	ug/m3	P	Y	6/26/2025	10:35	7/10/2025	10:50
IRVSEA-17-S-20250626	17	Benzene	Sample	0.577	ug/m3	0.186	ug/m3	P	Y	6/26/2025	10:45	7/10/2025	11:00
IRVSEA-17-S-20250626	17	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	6/26/2025	10:45	7/10/2025	11:00
IRVSEA-17-S-20250626	17	m-/p-Xylenes	Sample	0.667	ug/m3	0.272	ug/m3	P	Y	6/26/2025	10:45	7/10/2025	11:00
IRVSEA-17-S-20250626	17	o-Xylene	Sample	0.291	ug/m3	0.272	ug/m3	J,Pc	Y	6/26/2025	10:45	7/10/2025	11:00
IRVSEA-17-S-20250626	17	Toluene	Sample	1.24	ug/m3	0.24	ug/m3	P	Y	6/26/2025	10:45	7/10/2025	11:00
IRVSEA-1-S-20250710	1	Benzene	Sample	0.817	ug/m3	0.186	ug/m3		Y	7/10/2025	08:00	7/24/2025	08:15
IRVSEA-1-S-20250710	1	Ethylbenzene	Sample	0.424	ug/m3	0.272	ug/m3	J	Y	7/10/2025	08:00	7/24/2025	08:15
IRVSEA-1-S-20250710	1	m-/p-Xylenes	Sample	0.925	ug/m3	0.272	ug/m3	P	Y	7/10/2025	08:00	7/24/2025	08:15
IRVSEA-1-S-20250710	1	o-Xylene	Sample	0.386	ug/m3	0.272	ug/m3	J,Pc	Y	7/10/2025	08:00	7/24/2025	08:15
IRVSEA-1-S-20250710	1	Toluene	Sample	2.07	ug/m3	0.24	ug/m3		Y	7/10/2025	08:00	7/24/2025	08:15
IRVSEA-2-S-20250710	2	Benzene	Sample	0.785	ug/m3	0.186	ug/m3		Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-S-20250710	2	Ethylbenzene	Sample	0.456	ug/m3	0.272	ug/m3	J	Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-S-20250710	2	m-/p-Xylenes	Sample	1.12	ug/m3	0.272	ug/m3	P	Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-S-20250710	2	o-Xylene	Sample	0.445	ug/m3	0.272	ug/m3	J,Pc	Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-S-20250710	2	Toluene	Sample	2.55	ug/m3	0.24	ug/m3		Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-D-20250710	2	Benzene	Duplicate	0.869	ug/m3	0.186	ug/m3		Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-D-20250710	2	Ethylbenzene	Duplicate	0.537	ug/m3	0.272	ug/m3	J	Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-D-20250710	2	m-/p-Xylenes	Duplicate	1.54	ug/m3	0.272	ug/m3	P	Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-D-20250710	2	o-Xylene	Duplicate	0.615	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-D-20250710	2	Toluene	Duplicate	3.15	ug/m3	0.24	ug/m3		Y	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-B-20250710	2	Benzene	Blank	<0.186	ug/m3	0.186	ug/m3	ND	N	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-B-20250710	2	Ethylbenzene	Blank	<0.272	ug/m3	0.272	ug/m3	ND	N	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-B-20250710	2	m-/p-Xylenes	Blank	<0.272	ug/m3	0.272	ug/m3	ND,P	N	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-B-20250710	2	o-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-2-B-20250710	2	Toluene	Blank	<0.24	ug/m3	0.24	ug/m3	ND	N	7/10/2025	08:10	7/24/2025	08:25
IRVSEA-3-S-20250710	3	Benzene	Sample	0.721	ug/m3	0.186	ug/m3		Y	7/10/2025	08:20	7/24/2025	08:35
IRVSEA-3-S-20250710	3	Ethylbenzene	Sample	0.516	ug/m3	0.272	ug/m3	J	Y	7/10/2025	08:20	7/24/2025	08:35
IRVSEA-3-S-20250710	3	m-/p-Xylenes	Sample	1.44	ug/m3	0.272	ug/m3	P	Y	7/10/2025	08:20	7/24/2025	08:35

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-3-S-20250710	3	o-Xylene	Sample	0.545	ug/m3	0.272	ug/m3	J,Pc	Y	7/10/2025	08:20	7/24/2025	08:35
IRVSEA-3-S-20250710	3	Toluene	Sample	2.73	ug/m3	0.24	ug/m3		Y	7/10/2025	08:20	7/24/2025	08:35
IRVSEA-4-S-20250710	4	Benzene	Sample	0.824	ug/m3	0.186	ug/m3		Y	7/10/2025	08:30	7/24/2025	08:45
IRVSEA-4-S-20250710	4	Ethylbenzene	Sample	0.709	ug/m3	0.272	ug/m3		Y	7/10/2025	08:30	7/24/2025	08:45
IRVSEA-4-S-20250710	4	m-/p-Xylenes	Sample	2.17	ug/m3	0.272	ug/m3	P	Y	7/10/2025	08:30	7/24/2025	08:45
IRVSEA-4-S-20250710	4	o-Xylene	Sample	0.783	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	08:30	7/24/2025	08:45
IRVSEA-4-S-20250710	4	Toluene	Sample	3.28	ug/m3	0.24	ug/m3		Y	7/10/2025	08:30	7/24/2025	08:45
IRVSEA-5-S-20250710	5	Benzene	Sample	0.532	ug/m3	0.186	ug/m3		Y	7/10/2025	08:40	7/24/2025	08:55
IRVSEA-5-S-20250710	5	Ethylbenzene	Sample	0.357	ug/m3	0.272	ug/m3	J	Y	7/10/2025	08:40	7/24/2025	08:55
IRVSEA-5-S-20250710	5	m-/p-Xylenes	Sample	0.767	ug/m3	0.272	ug/m3	P	Y	7/10/2025	08:40	7/24/2025	08:55
IRVSEA-5-S-20250710	5	o-Xylene	Sample	0.303	ug/m3	0.272	ug/m3	J,Pc	Y	7/10/2025	08:40	7/24/2025	08:55
IRVSEA-5-S-20250710	5	Toluene	Sample	1.62	ug/m3	0.24	ug/m3		Y	7/10/2025	08:40	7/24/2025	08:55
IRVSEA-6-S-20250710	6	Benzene	Sample	0.745	ug/m3	0.186	ug/m3		Y	7/10/2025	08:50	7/24/2025	09:05
IRVSEA-6-S-20250710	6	Ethylbenzene	Sample	0.563	ug/m3	0.272	ug/m3		Y	7/10/2025	08:50	7/24/2025	09:05
IRVSEA-6-S-20250710	6	m-/p-Xylenes	Sample	1.68	ug/m3	0.272	ug/m3	P	Y	7/10/2025	08:50	7/24/2025	09:05
IRVSEA-6-S-20250710	6	o-Xylene	Sample	0.601	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	08:50	7/24/2025	09:05
IRVSEA-6-S-20250710	6	Toluene	Sample	2.72	ug/m3	0.24	ug/m3		Y	7/10/2025	08:50	7/24/2025	09:05
IRVSEA-7-S-20250710	7	Benzene	Sample	1.5	ug/m3	0.186	ug/m3		Y	7/10/2025	09:00	7/24/2025	09:15
IRVSEA-7-S-20250710	7	Ethylbenzene	Sample	2.84	ug/m3	0.272	ug/m3		Y	7/10/2025	09:00	7/24/2025	09:15
IRVSEA-7-S-20250710	7	m-/p-Xylenes	Sample	9.19	ug/m3	0.272	ug/m3	P	Y	7/10/2025	09:00	7/24/2025	09:15
IRVSEA-7-S-20250710	7	o-Xylene	Sample	2.5	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	09:00	7/24/2025	09:15
IRVSEA-7-S-20250710	7	Toluene	Sample	6.56	ug/m3	0.24	ug/m3		Y	7/10/2025	09:00	7/24/2025	09:15
IRVSEA-8-S-20250710	8	Benzene	Sample	1.95	ug/m3	0.186	ug/m3		Y	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-S-20250710	8	Ethylbenzene	Sample	2.24	ug/m3	0.272	ug/m3		Y	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-S-20250710	8	m-/p-Xylenes	Sample	4.42	ug/m3	0.272	ug/m3	P	Y	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-S-20250710	8	o-Xylene	Sample	1.78	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-S-20250710	8	Toluene	Sample	8.09	ug/m3	0.24	ug/m3		Y	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-D-20250710	8	Benzene	Duplicate	1.8	ug/m3	0.186	ug/m3		Y	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-D-20250710	8	Ethylbenzene	Duplicate	1.81	ug/m3	0.272	ug/m3		Y	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-D-20250710	8	m-/p-Xylenes	Duplicate	4.66	ug/m3	0.272	ug/m3	P	Y	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-D-20250710	8	o-Xylene	Duplicate	1.83	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-D-20250710	8	Toluene	Duplicate	8.02	ug/m3	0.24	ug/m3		Y	7/10/2025	09:10	7/24/2025	09:25

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-8-B-20250710	8	Benzene	Blank	<0.186	ug/m3	0.186	ug/m3	ND	N	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-B-20250710	8	Ethylbenzene	Blank	<0.272	ug/m3	0.272	ug/m3	ND	N	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-B-20250710	8	m-/p-Xylenes	Blank	<0.272	ug/m3	0.272	ug/m3	ND,P	N	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-B-20250710	8	o-Xylene	Blank	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-8-B-20250710	8	Toluene	Blank	<0.24	ug/m3	0.24	ug/m3	ND	N	7/10/2025	09:10	7/24/2025	09:25
IRVSEA-9-S-20250710	9	Benzene	Sample	1.03	ug/m3	0.186	ug/m3		Y	7/10/2025	09:20	7/24/2025	09:35
IRVSEA-9-S-20250710	9	Ethylbenzene	Sample	0.781	ug/m3	0.272	ug/m3		Y	7/10/2025	09:20	7/24/2025	09:35
IRVSEA-9-S-20250710	9	m-/p-Xylenes	Sample	2.18	ug/m3	0.272	ug/m3	P	Y	7/10/2025	09:20	7/24/2025	09:35
IRVSEA-9-S-20250710	9	o-Xylene	Sample	0.83	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	09:20	7/24/2025	09:35
IRVSEA-9-S-20250710	9	Toluene	Sample	4.13	ug/m3	0.24	ug/m3		Y	7/10/2025	09:20	7/24/2025	09:35
IRVSEA-10-S-20250710	10	Benzene	Sample	1.68	ug/m3	0.186	ug/m3		Y	7/10/2025	09:30	7/24/2025	09:45
IRVSEA-10-S-20250710	10	Ethylbenzene	Sample	1.11	ug/m3	0.272	ug/m3		Y	7/10/2025	09:30	7/24/2025	09:45
IRVSEA-10-S-20250710	10	m-/p-Xylenes	Sample	3.38	ug/m3	0.272	ug/m3	P	Y	7/10/2025	09:30	7/24/2025	09:45
IRVSEA-10-S-20250710	10	o-Xylene	Sample	1.38	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	09:30	7/24/2025	09:45
IRVSEA-10-S-20250710	10	Toluene	Sample	7.06	ug/m3	0.24	ug/m3		Y	7/10/2025	09:30	7/24/2025	09:45
IRVSEA-11-S-20250710	11	Benzene	Sample	2.77	ug/m3	0.186	ug/m3		Y	7/10/2025	09:40	7/24/2025	09:55
IRVSEA-11-S-20250710	11	Ethylbenzene	Sample	2	ug/m3	0.272	ug/m3		Y	7/10/2025	09:40	7/24/2025	09:55
IRVSEA-11-S-20250710	11	m-/p-Xylenes	Sample	6.54	ug/m3	0.272	ug/m3	P	Y	7/10/2025	09:40	7/24/2025	09:55
IRVSEA-11-S-20250710	11	o-Xylene	Sample	2.62	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	09:40	7/24/2025	09:55
IRVSEA-11-S-20250710	11	Toluene	Sample	13.1	ug/m3	0.24	ug/m3		Y	7/10/2025	09:40	7/24/2025	09:55
IRVSEA-12-S-20250710	12	Benzene	Sample	2.76	ug/m3	0.186	ug/m3		Y	7/10/2025	09:50	7/24/2025	10:10
IRVSEA-12-S-20250710	12	Ethylbenzene	Sample	2.23	ug/m3	0.272	ug/m3		Y	7/10/2025	09:50	7/24/2025	10:10
IRVSEA-12-S-20250710	12	m-/p-Xylenes	Sample	6.2	ug/m3	0.272	ug/m3	P	Y	7/10/2025	09:50	7/24/2025	10:10
IRVSEA-12-S-20250710	12	o-Xylene	Sample	2.53	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	09:50	7/24/2025	10:10
IRVSEA-12-S-20250710	12	Toluene	Sample	13.4	ug/m3	0.24	ug/m3		Y	7/10/2025	09:50	7/24/2025	10:10
IRVSEA-13-S-20250710	13	Benzene	Sample	1.75	ug/m3	0.186	ug/m3		Y	7/10/2025	10:00	7/24/2025	10:20
IRVSEA-13-S-20250710	13	Ethylbenzene	Sample	1.37	ug/m3	0.272	ug/m3		Y	7/10/2025	10:00	7/24/2025	10:20
IRVSEA-13-S-20250710	13	m-/p-Xylenes	Sample	3.1	ug/m3	0.272	ug/m3	P	Y	7/10/2025	10:00	7/24/2025	10:20
IRVSEA-13-S-20250710	13	o-Xylene	Sample	1.31	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	10:00	7/24/2025	10:20
IRVSEA-13-S-20250710	13	Toluene	Sample	6.88	ug/m3	0.24	ug/m3		Y	7/10/2025	10:00	7/24/2025	10:20
IRVSEA-14-S-20250710	14	Benzene	Sample	0.965	ug/m3	0.186	ug/m3		Y	7/10/2025	10:10	7/24/2025	10:30
IRVSEA-14-S-20250710	14	Ethylbenzene	Sample	0.784	ug/m3	0.272	ug/m3		Y	7/10/2025	10:10	7/24/2025	10:30

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-14-S-20250710	14	m-/p-Xylenes	Sample	1.92	ug/m3	0.272	ug/m3	P	Y	7/10/2025	10:10	7/24/2025	10:30
IRVSEA-14-S-20250710	14	o-Xylene	Sample	0.794	ug/m3	0.272	ug/m3	Pc	Y	7/10/2025	10:10	7/24/2025	10:30
IRVSEA-14-S-20250710	14	Toluene	Sample	4.01	ug/m3	0.24	ug/m3		Y	7/10/2025	10:10	7/24/2025	10:30
IRVSEA-15-S-20250710	15	Benzene	Sample	0.591	ug/m3	0.186	ug/m3		Y	7/10/2025	10:40	7/24/2025	11:00
IRVSEA-15-S-20250710	15	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	7/10/2025	10:40	7/24/2025	11:00
IRVSEA-15-S-20250710	15	m-/p-Xylenes	Sample	0.485	ug/m3	0.272	ug/m3	J,P	Y	7/10/2025	10:40	7/24/2025	11:00
IRVSEA-15-S-20250710	15	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	7/10/2025	10:40	7/24/2025	11:00
IRVSEA-15-S-20250710	15	Toluene	Sample	1.57	ug/m3	0.24	ug/m3		Y	7/10/2025	10:40	7/24/2025	11:00
IRVSEA-16-S-20250710	16	Benzene	Sample	0.589	ug/m3	0.186	ug/m3		Y	7/10/2025	10:50	7/24/2025	11:10
IRVSEA-16-S-20250710	16	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	7/10/2025	10:50	7/24/2025	11:10
IRVSEA-16-S-20250710	16	m-/p-Xylenes	Sample	0.418	ug/m3	0.272	ug/m3	J,P	Y	7/10/2025	10:50	7/24/2025	11:10
IRVSEA-16-S-20250710	16	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND,Pc	N	7/10/2025	10:50	7/24/2025	11:10
IRVSEA-16-S-20250710	16	Toluene	Sample	1.2	ug/m3	0.24	ug/m3		Y	7/10/2025	10:50	7/24/2025	11:10
IRVSEA-17-S-20250710	17	Benzene	Sample	0.462	ug/m3	0.186	ug/m3		Y	7/10/2025	11:00	7/24/2025	11:20
IRVSEA-17-S-20250710	17	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	7/10/2025	11:00	7/24/2025	11:20
IRVSEA-17-S-20250710	17	m-/p-Xylenes	Sample	0.799	ug/m3	0.272	ug/m3	P	Y	7/10/2025	11:00	7/24/2025	11:20
IRVSEA-17-S-20250710	17	o-Xylene	Sample	0.309	ug/m3	0.272	ug/m3	J,Pc	Y	7/10/2025	11:00	7/24/2025	11:20
IRVSEA-17-S-20250710	17	Toluene	Sample	1.24	ug/m3	0.24	ug/m3		Y	7/10/2025	11:00	7/24/2025	11:20
IRVSEA-1-S-20250724	1	Benzene	Sample	0.837	ug/m3	0.186	ug/m3		Y	7/24/2025	08:15	8/7/2025	08:00
IRVSEA-1-S-20250724	1	Ethylbenzene	Sample	0.496	ug/m3	0.271	ug/m3	J	Y	7/24/2025	08:15	8/7/2025	08:00
IRVSEA-1-S-20250724	1	m-/p-Xylenes	Sample	1.67	ug/m3	0.271	ug/m3		Y	7/24/2025	08:15	8/7/2025	08:00
IRVSEA-1-S-20250724	1	o-Xylene	Sample	0.602	ug/m3	0.271	ug/m3		Y	7/24/2025	08:15	8/7/2025	08:00
IRVSEA-1-S-20250724	1	Toluene	Sample	1.94	ug/m3	0.24	ug/m3		Y	7/24/2025	08:15	8/7/2025	08:00
IRVSEA-2-S-20250724	2	Benzene	Sample	1.02	ug/m3	0.186	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-S-20250724	2	Ethylbenzene	Sample	0.711	ug/m3	0.271	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-S-20250724	2	m-/p-Xylenes	Sample	2.73	ug/m3	0.271	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-S-20250724	2	o-Xylene	Sample	0.936	ug/m3	0.271	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-S-20250724	2	Toluene	Sample	2.31	ug/m3	0.24	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-D-20250724	2	Benzene	Duplicate	1.26	ug/m3	0.186	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-D-20250724	2	Ethylbenzene	Duplicate	0.882	ug/m3	0.271	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-D-20250724	2	m-/p-Xylenes	Duplicate	3.29	ug/m3	0.271	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-D-20250724	2	o-Xylene	Duplicate	1.07	ug/m3	0.271	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10

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SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-2-D-20250724	2	Toluene	Duplicate	2.86	ug/m3	0.24	ug/m3		Y	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-B-20250724	2	Benzene	Blank	<0.186	ug/m3	0.186	ug/m3	ND	N	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-B-20250724	2	Ethylbenzene	Blank	<0.271	ug/m3	0.271	ug/m3	ND	N	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-B-20250724	2	m-/p-Xylenes	Blank	<0.271	ug/m3	0.271	ug/m3	ND	N	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-B-20250724	2	o-Xylene	Blank	<0.271	ug/m3	0.271	ug/m3	ND	N	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-2-B-20250724	2	Toluene	Blank	<0.24	ug/m3	0.24	ug/m3	ND	N	7/24/2025	08:25	8/7/2025	08:10
IRVSEA-3-S-20250724	3	Benzene	Sample	1.12	ug/m3	0.186	ug/m3		Y	7/24/2025	08:35	8/7/2025	08:20
IRVSEA-3-S-20250724	3	Ethylbenzene	Sample	1.03	ug/m3	0.271	ug/m3		Y	7/24/2025	08:35	8/7/2025	08:20
IRVSEA-3-S-20250724	3	m-/p-Xylenes	Sample	4.09	ug/m3	0.271	ug/m3		Y	7/24/2025	08:35	8/7/2025	08:20
IRVSEA-3-S-20250724	3	o-Xylene	Sample	1.32	ug/m3	0.271	ug/m3		Y	7/24/2025	08:35	8/7/2025	08:20
IRVSEA-3-S-20250724	3	Toluene	Sample	3.07	ug/m3	0.24	ug/m3		Y	7/24/2025	08:35	8/7/2025	08:20
IRVSEA-4-S-20250724	4	Benzene	Sample	1.33	ug/m3	0.186	ug/m3		Y	7/24/2025	08:45	8/7/2025	08:30
IRVSEA-4-S-20250724	4	Ethylbenzene	Sample	2.12	ug/m3	0.271	ug/m3		Y	7/24/2025	08:45	8/7/2025	08:30
IRVSEA-4-S-20250724	4	m-/p-Xylenes	Sample	9.15	ug/m3	0.271	ug/m3		Y	7/24/2025	08:45	8/7/2025	08:30
IRVSEA-4-S-20250724	4	o-Xylene	Sample	2.5	ug/m3	0.271	ug/m3		Y	7/24/2025	08:45	8/7/2025	08:30
IRVSEA-4-S-20250724	4	Toluene	Sample	3.49	ug/m3	0.24	ug/m3		Y	7/24/2025	08:45	8/7/2025	08:30
IRVSEA-5-S-20250724	5	Benzene	Sample	0.965	ug/m3	0.186	ug/m3		Y	7/24/2025	08:55	8/7/2025	08:40
IRVSEA-5-S-20250724	5	Ethylbenzene	Sample	1.06	ug/m3	0.271	ug/m3		Y	7/24/2025	08:55	8/7/2025	08:40
IRVSEA-5-S-20250724	5	m-/p-Xylenes	Sample	4.28	ug/m3	0.271	ug/m3		Y	7/24/2025	08:55	8/7/2025	08:40
IRVSEA-5-S-20250724	5	o-Xylene	Sample	1.2	ug/m3	0.271	ug/m3		Y	7/24/2025	08:55	8/7/2025	08:40
IRVSEA-5-S-20250724	5	Toluene	Sample	2	ug/m3	0.24	ug/m3		Y	7/24/2025	08:55	8/7/2025	08:40
IRVSEA-6-S-20250724	6	Benzene	Sample	1.28	ug/m3	0.186	ug/m3		Y	7/24/2025	09:05	8/7/2025	08:50
IRVSEA-6-S-20250724	6	Ethylbenzene	Sample	1.38	ug/m3	0.271	ug/m3		Y	7/24/2025	09:05	8/7/2025	08:50
IRVSEA-6-S-20250724	6	m-/p-Xylenes	Sample	5.88	ug/m3	0.271	ug/m3		Y	7/24/2025	09:05	8/7/2025	08:50
IRVSEA-6-S-20250724	6	o-Xylene	Sample	1.87	ug/m3	0.271	ug/m3		Y	7/24/2025	09:05	8/7/2025	08:50
IRVSEA-6-S-20250724	6	Toluene	Sample	3.54	ug/m3	0.24	ug/m3		Y	7/24/2025	09:05	8/7/2025	08:50
IRVSEA-7-S-20250724	7	Benzene	Sample	2.07	ug/m3	0.186	ug/m3		Y	7/24/2025	09:15	8/7/2025	09:00
IRVSEA-7-S-20250724	7	Ethylbenzene	Sample	4.22	ug/m3	0.271	ug/m3		Y	7/24/2025	09:15	8/7/2025	09:00
IRVSEA-7-S-20250724	7	m-/p-Xylenes	Sample	17.6	ug/m3	0.271	ug/m3		Y	7/24/2025	09:15	8/7/2025	09:00
IRVSEA-7-S-20250724	7	o-Xylene	Sample	4.61	ug/m3	0.271	ug/m3		Y	7/24/2025	09:15	8/7/2025	09:00
IRVSEA-7-S-20250724	7	Toluene	Sample	7.09	ug/m3	0.24	ug/m3		Y	7/24/2025	09:15	8/7/2025	09:00
IRVSEA-8-S-20250724	8	Benzene	Sample	4.13	ug/m3	0.186	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-8-S-20250724	8	Ethylbenzene	Sample	3.49	ug/m3	0.271	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-S-20250724	8	m-/p-Xylenes	Sample	13.4	ug/m3	0.271	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-S-20250724	8	o-Xylene	Sample	4.59	ug/m3	0.271	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-S-20250724	8	Toluene	Sample	14.8	ug/m3	0.24	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-D-20250724	8	Benzene	Duplicate	4.47	ug/m3	0.186	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-D-20250724	8	Ethylbenzene	Duplicate	3.35	ug/m3	0.271	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-D-20250724	8	m-/p-Xylenes	Duplicate	13.3	ug/m3	0.271	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-D-20250724	8	o-Xylene	Duplicate	4.68	ug/m3	0.271	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-D-20250724	8	Toluene	Duplicate	14.4	ug/m3	0.24	ug/m3		Y	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-B-20250724	8	Benzene	Blank	<0.186	ug/m3	0.186	ug/m3	ND	N	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-B-20250724	8	Ethylbenzene	Blank	<0.271	ug/m3	0.271	ug/m3	ND	N	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-B-20250724	8	m-/p-Xylenes	Blank	<0.271	ug/m3	0.271	ug/m3	ND	N	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-B-20250724	8	o-Xylene	Blank	<0.271	ug/m3	0.271	ug/m3	ND	N	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-8-B-20250724	8	Toluene	Blank	<0.24	ug/m3	0.24	ug/m3	ND	N	7/24/2025	09:25	8/7/2025	09:10
IRVSEA-9-S-20250724	9	Benzene	Sample	1.88	ug/m3	0.186	ug/m3		Y	7/24/2025	09:35	8/7/2025	09:20
IRVSEA-9-S-20250724	9	Ethylbenzene	Sample	1.55	ug/m3	0.271	ug/m3		Y	7/24/2025	09:35	8/7/2025	09:20
IRVSEA-9-S-20250724	9	m-/p-Xylenes	Sample	5.21	ug/m3	0.271	ug/m3		Y	7/24/2025	09:35	8/7/2025	09:20
IRVSEA-9-S-20250724	9	o-Xylene	Sample	1.88	ug/m3	0.271	ug/m3		Y	7/24/2025	09:35	8/7/2025	09:20
IRVSEA-9-S-20250724	9	Toluene	Sample	5.97	ug/m3	0.24	ug/m3		Y	7/24/2025	09:35	8/7/2025	09:20
IRVSEA-10-S-20250724	10	Benzene	Sample	2.37	ug/m3	0.186	ug/m3		Y	7/24/2025	09:45	8/7/2025	09:30
IRVSEA-10-S-20250724	10	Ethylbenzene	Sample	1.46	ug/m3	0.271	ug/m3		Y	7/24/2025	09:45	8/7/2025	09:30
IRVSEA-10-S-20250724	10	m-/p-Xylenes	Sample	5.71	ug/m3	0.271	ug/m3		Y	7/24/2025	09:45	8/7/2025	09:30
IRVSEA-10-S-20250724	10	o-Xylene	Sample	2.22	ug/m3	0.271	ug/m3		Y	7/24/2025	09:45	8/7/2025	09:30
IRVSEA-10-S-20250724	10	Toluene	Sample	7.6	ug/m3	0.24	ug/m3		Y	7/24/2025	09:45	8/7/2025	09:30
IRVSEA-11-S-20250724	11	Benzene	Sample	2.47	ug/m3	0.186	ug/m3		Y	7/24/2025	09:55	8/7/2025	09:40
IRVSEA-11-S-20250724	11	Ethylbenzene	Sample	1.67	ug/m3	0.271	ug/m3		Y	7/24/2025	09:55	8/7/2025	09:40
IRVSEA-11-S-20250724	11	m-/p-Xylenes	Sample	6.05	ug/m3	0.271	ug/m3		Y	7/24/2025	09:55	8/7/2025	09:40
IRVSEA-11-S-20250724	11	o-Xylene	Sample	2.42	ug/m3	0.271	ug/m3		Y	7/24/2025	09:55	8/7/2025	09:40
IRVSEA-11-S-20250724	11	Toluene	Sample	8.44	ug/m3	0.24	ug/m3		Y	7/24/2025	09:55	8/7/2025	09:40
IRVSEA-12-S-20250724	12	Benzene	Sample	1.51	ug/m3	0.186	ug/m3		Y	7/24/2025	10:10	8/7/2025	09:50
IRVSEA-12-S-20250724	12	Ethylbenzene	Sample	0.925	ug/m3	0.272	ug/m3		Y	7/24/2025	10:10	8/7/2025	09:50
IRVSEA-12-S-20250724	12	m-/p-Xylenes	Sample	3.03	ug/m3	0.272	ug/m3		Y	7/24/2025	10:10	8/7/2025	09:50

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-12-S-20250724	12	o-Xylene	Sample	1.16	ug/m3	0.272	ug/m3		Y	7/24/2025	10:10	8/7/2025	09:50
IRVSEA-12-S-20250724	12	Toluene	Sample	4.65	ug/m3	0.24	ug/m3		Y	7/24/2025	10:10	8/7/2025	09:50
IRVSEA-13-S-20250724	13	Benzene	Sample	1.22	ug/m3	0.186	ug/m3		Y	7/24/2025	10:20	8/7/2025	10:00
IRVSEA-13-S-20250724	13	Ethylbenzene	Sample	0.547	ug/m3	0.272	ug/m3	J	Y	7/24/2025	10:20	8/7/2025	10:00
IRVSEA-13-S-20250724	13	m-/p-Xylenes	Sample	1.56	ug/m3	0.272	ug/m3		Y	7/24/2025	10:20	8/7/2025	10:00
IRVSEA-13-S-20250724	13	o-Xylene	Sample	0.581	ug/m3	0.272	ug/m3		Y	7/24/2025	10:20	8/7/2025	10:00
IRVSEA-13-S-20250724	13	Toluene	Sample	2.47	ug/m3	0.24	ug/m3		Y	7/24/2025	10:20	8/7/2025	10:00
IRVSEA-14-S-20250724	14	Benzene	Sample	0.876	ug/m3	0.186	ug/m3		Y	7/24/2025	10:30	8/7/2025	10:10
IRVSEA-14-S-20250724	14	Ethylbenzene	Sample	0.463	ug/m3	0.272	ug/m3	J	Y	7/24/2025	10:30	8/7/2025	10:10
IRVSEA-14-S-20250724	14	m-/p-Xylenes	Sample	1.84	ug/m3	0.272	ug/m3		Y	7/24/2025	10:30	8/7/2025	10:10
IRVSEA-14-S-20250724	14	o-Xylene	Sample	0.694	ug/m3	0.272	ug/m3		Y	7/24/2025	10:30	8/7/2025	10:10
IRVSEA-14-S-20250724	14	Toluene	Sample	2.08	ug/m3	0.24	ug/m3		Y	7/24/2025	10:30	8/7/2025	10:10
IRVSEA-15-S-20250724	15	Benzene	Sample	0.817	ug/m3	0.186	ug/m3		Y	7/24/2025	11:00	8/7/2025	10:40
IRVSEA-15-S-20250724	15	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	7/24/2025	11:00	8/7/2025	10:40
IRVSEA-15-S-20250724	15	m-/p-Xylenes	Sample	0.8	ug/m3	0.272	ug/m3		Y	7/24/2025	11:00	8/7/2025	10:40
IRVSEA-15-S-20250724	15	o-Xylene	Sample	0.327	ug/m3	0.272	ug/m3	J	Y	7/24/2025	11:00	8/7/2025	10:40
IRVSEA-15-S-20250724	15	Toluene	Sample	1.28	ug/m3	0.24	ug/m3		Y	7/24/2025	11:00	8/7/2025	10:40
IRVSEA-16-S-20250724	16	Benzene	Sample	0.684	ug/m3	0.186	ug/m3		Y	7/24/2025	11:10	8/7/2025	10:50
IRVSEA-16-S-20250724	16	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	7/24/2025	11:10	8/7/2025	10:50
IRVSEA-16-S-20250724	16	m-/p-Xylenes	Sample	0.546	ug/m3	0.272	ug/m3		Y	7/24/2025	11:10	8/7/2025	10:50
IRVSEA-16-S-20250724	16	o-Xylene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	7/24/2025	11:10	8/7/2025	10:50
IRVSEA-16-S-20250724	16	Toluene	Sample	0.922	ug/m3	0.24	ug/m3		Y	7/24/2025	11:10	8/7/2025	10:50
IRVSEA-17-S-20250724	17	Benzene	Sample	0.73	ug/m3	0.186	ug/m3		Y	7/24/2025	11:20	8/7/2025	11:00
IRVSEA-17-S-20250724	17	Ethylbenzene	Sample	<0.272	ug/m3	0.272	ug/m3	ND	N	7/24/2025	11:20	8/7/2025	11:00
IRVSEA-17-S-20250724	17	m-/p-Xylenes	Sample	0.925	ug/m3	0.272	ug/m3		Y	7/24/2025	11:20	8/7/2025	11:00
IRVSEA-17-S-20250724	17	o-Xylene	Sample	0.423	ug/m3	0.272	ug/m3	J	Y	7/24/2025	11:20	8/7/2025	11:00
IRVSEA-17-S-20250724	17	Toluene	Sample	1.15	ug/m3	0.24	ug/m3		Y	7/24/2025	11:20	8/7/2025	11:00
IRVSEA-1-S-20250807	1	Benzene	Sample	0.699	ug/m3	0.186	ug/m3		Y	8/7/2025	08:00	8/21/2025	08:15
IRVSEA-1-S-20250807	1	Toluene	Sample	2.06	ug/m3	0.24	ug/m3	P	Y	8/7/2025	08:00	8/21/2025	08:15
IRVSEA-1-S-20250807	1	Ethylbenzene	Sample	0.403	ug/m3	0.271	ug/m3	J,Pc	Y	8/7/2025	08:00	8/21/2025	08:15
IRVSEA-1-S-20250807	1	m-/p-Xylenes	Sample	1.28	ug/m3	0.271	ug/m3	P	Y	8/7/2025	08:00	8/21/2025	08:15
IRVSEA-1-S-20250807	1	o-Xylene	Sample	0.545	ug/m3	0.271	ug/m3	J,Pc	Y	8/7/2025	08:00	8/21/2025	08:15

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-2-S-20250807	2	Benzene	Sample	0.792	ug/m3	0.186	ug/m3		Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-S-20250807	2	Toluene	Sample	2.13	ug/m3	0.24	ug/m3	P	Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-S-20250807	2	Ethylbenzene	Sample	0.552	ug/m3	0.271	ug/m3	J,Pc	Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-S-20250807	2	m-/p-Xylenes	Sample	1.2	ug/m3	0.271	ug/m3	P	Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-S-20250807	2	o-Xylene	Sample	0.499	ug/m3	0.271	ug/m3	J,Pc	Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-D-20250807	2	Benzene	Duplicate	1.07	ug/m3	0.186	ug/m3		Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-D-20250807	2	o-Xylene	Duplicate	0.696	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-D-20250807	2	Toluene	Duplicate	2.91	ug/m3	0.24	ug/m3	P	Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-D-20250807	2	Ethylbenzene	Duplicate	0.78	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-D-20250807	2	m-/p-Xylenes	Duplicate	1.65	ug/m3	0.271	ug/m3	P	Y	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-B-20250807	2	Benzene	Blank	<0.186	ug/m3	0.186	ug/m3	ND	N	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-B-20250807	2	Toluene	Blank	<0.24	ug/m3	0.24	ug/m3	ND,P	N	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-B-20250807	2	Ethylbenzene	Blank	<0.271	ug/m3	0.271	ug/m3	ND,Pc	N	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-B-20250807	2	m-/p-Xylenes	Blank	<0.271	ug/m3	0.271	ug/m3	ND,P	N	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-2-B-20250807	2	o-Xylene	Blank	<0.271	ug/m3	0.271	ug/m3	ND,Pc	N	8/7/2025	08:10	8/21/2025	08:25
IRVSEA-3-S-20250807	3	Benzene	Sample	1.15	ug/m3	0.186	ug/m3		Y	8/7/2025	08:20	8/21/2025	08:35
IRVSEA-3-S-20250807	3	o-Xylene	Sample	0.629	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:20	8/21/2025	08:35
IRVSEA-3-S-20250807	3	Toluene	Sample	2.63	ug/m3	0.24	ug/m3	P	Y	8/7/2025	08:20	8/21/2025	08:35
IRVSEA-3-S-20250807	3	Ethylbenzene	Sample	0.708	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:20	8/21/2025	08:35
IRVSEA-3-S-20250807	3	m-/p-Xylenes	Sample	1.72	ug/m3	0.271	ug/m3	P	Y	8/7/2025	08:20	8/21/2025	08:35
IRVSEA-4-S-20250807	4	Benzene	Sample	0.947	ug/m3	0.186	ug/m3		Y	8/7/2025	08:30	8/21/2025	08:45
IRVSEA-4-S-20250807	4	o-Xylene	Sample	0.674	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:30	8/21/2025	08:45
IRVSEA-4-S-20250807	4	Toluene	Sample	2.3	ug/m3	0.24	ug/m3	P	Y	8/7/2025	08:30	8/21/2025	08:45
IRVSEA-4-S-20250807	4	Ethylbenzene	Sample	1.08	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:30	8/21/2025	08:45
IRVSEA-4-S-20250807	4	m-/p-Xylenes	Sample	2.08	ug/m3	0.271	ug/m3	P	Y	8/7/2025	08:30	8/21/2025	08:45
IRVSEA-5-S-20250807	5	Benzene	Sample	0.724	ug/m3	0.186	ug/m3		Y	8/7/2025	08:40	8/21/2025	08:55
IRVSEA-5-S-20250807	5	o-Xylene	Sample	0.618	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:40	8/21/2025	08:55
IRVSEA-5-S-20250807	5	Toluene	Sample	1.88	ug/m3	0.24	ug/m3	P	Y	8/7/2025	08:40	8/21/2025	08:55
IRVSEA-5-S-20250807	5	Ethylbenzene	Sample	0.763	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:40	8/21/2025	08:55
IRVSEA-5-S-20250807	5	m-/p-Xylenes	Sample	1.75	ug/m3	0.271	ug/m3	P	Y	8/7/2025	08:40	8/21/2025	08:55
IRVSEA-6-S-20250807	6	Benzene	Sample	1.12	ug/m3	0.186	ug/m3		Y	8/7/2025	08:50	8/21/2025	09:05
IRVSEA-6-S-20250807	6	o-Xylene	Sample	0.932	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:50	8/21/2025	09:05

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-6-S-20250807	6	Toluene	Sample	3.58	ug/m3	0.24	ug/m3	P	Y	8/7/2025	08:50	8/21/2025	09:05
IRVSEA-6-S-20250807	6	Ethylbenzene	Sample	0.893	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	08:50	8/21/2025	09:05
IRVSEA-6-S-20250807	6	m-/p-Xylenes	Sample	2.19	ug/m3	0.271	ug/m3	P	Y	8/7/2025	08:50	8/21/2025	09:05
IRVSEA-7-S-20250807	7	Benzene	Sample	2.02	ug/m3	0.186	ug/m3		Y	8/7/2025	09:00	8/21/2025	09:15
IRVSEA-7-S-20250807	7	o-Xylene	Sample	1.95	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:00	8/21/2025	09:15
IRVSEA-7-S-20250807	7	Toluene	Sample	7.49	ug/m3	0.24	ug/m3	P	Y	8/7/2025	09:00	8/21/2025	09:15
IRVSEA-7-S-20250807	7	Ethylbenzene	Sample	1.46	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:00	8/21/2025	09:15
IRVSEA-7-S-20250807	7	m-/p-Xylenes	Sample	5.05	ug/m3	0.271	ug/m3	P	Y	8/7/2025	09:00	8/21/2025	09:15
IRVSEA-8-S-20250807	8	Benzene	Sample	3.72	ug/m3	0.186	ug/m3		Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-S-20250807	8	o-Xylene	Sample	3.46	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-S-20250807	8	Toluene	Sample	14.7	ug/m3	0.24	ug/m3	P	Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-S-20250807	8	Ethylbenzene	Sample	2.62	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-S-20250807	8	m-/p-Xylenes	Sample	8.82	ug/m3	0.271	ug/m3	P	Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-D-20250807	8	Benzene	Duplicate	3.71	ug/m3	0.186	ug/m3		Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-D-20250807	8	o-Xylene	Duplicate	3.71	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-D-20250807	8	Toluene	Duplicate	14.9	ug/m3	0.24	ug/m3	P	Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-D-20250807	8	Ethylbenzene	Duplicate	2.7	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-D-20250807	8	m-/p-Xylenes	Duplicate	9.19	ug/m3	0.271	ug/m3	P	Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-B-20250807	8	Benzene	Blank	<0.186	ug/m3	0.186	ug/m3	ND	N	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-B-20250807	8	o-Xylene	Blank	<0.271	ug/m3	0.271	ug/m3	ND,Pc	N	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-B-20250807	8	Toluene	Blank	0.25	ug/m3	0.24	ug/m3	J,P	Y	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-B-20250807	8	Ethylbenzene	Blank	<0.271	ug/m3	0.271	ug/m3	ND,Pc	N	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-8-B-20250807	8	m-/p-Xylenes	Blank	<0.271	ug/m3	0.271	ug/m3	ND,P	N	8/7/2025	09:15	8/21/2025	09:30
IRVSEA-9-S-20250807	9	Benzene	Sample	2.51	ug/m3	0.186	ug/m3		Y	8/7/2025	09:25	8/21/2025	09:40
IRVSEA-9-S-20250807	9	o-Xylene	Sample	2.59	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:25	8/21/2025	09:40
IRVSEA-9-S-20250807	9	Toluene	Sample	9.59	ug/m3	0.24	ug/m3	P	Y	8/7/2025	09:25	8/21/2025	09:40
IRVSEA-9-S-20250807	9	Ethylbenzene	Sample	1.72	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:25	8/21/2025	09:40
IRVSEA-9-S-20250807	9	m-/p-Xylenes	Sample	6.57	ug/m3	0.271	ug/m3	P	Y	8/7/2025	09:25	8/21/2025	09:40
IRVSEA-10-S-20250807	10	Benzene	Sample	3.15	ug/m3	0.186	ug/m3		Y	8/7/2025	09:35	8/21/2025	09:50
IRVSEA-10-S-20250807	10	o-Xylene	Sample	2.95	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:35	8/21/2025	09:50
IRVSEA-10-S-20250807	10	Toluene	Sample	11.4	ug/m3	0.24	ug/m3	P	Y	8/7/2025	09:35	8/21/2025	09:50
IRVSEA-10-S-20250807	10	Ethylbenzene	Sample	2.14	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:35	8/21/2025	09:50

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-10-S-20250807	10	m-/p-Xylenes	Sample	7.21	ug/m3	0.271	ug/m3	P	Y	8/7/2025	09:35	8/21/2025	09:50
IRVSEA-11-S-20250807	11	Benzene	Sample	2.86	ug/m3	0.186	ug/m3		Y	8/7/2025	09:45	8/21/2025	10:00
IRVSEA-11-S-20250807	11	o-Xylene	Sample	2.33	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:45	8/21/2025	10:00
IRVSEA-11-S-20250807	11	Toluene	Sample	9.78	ug/m3	0.24	ug/m3	P	Y	8/7/2025	09:45	8/21/2025	10:00
IRVSEA-11-S-20250807	11	Ethylbenzene	Sample	1.93	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:45	8/21/2025	10:00
IRVSEA-11-S-20250807	11	m-/p-Xylenes	Sample	5.83	ug/m3	0.271	ug/m3	P	Y	8/7/2025	09:45	8/21/2025	10:00
IRVSEA-12-S-20250807	12	Benzene	Sample	1.62	ug/m3	0.186	ug/m3		Y	8/7/2025	09:55	8/21/2025	10:10
IRVSEA-12-S-20250807	12	o-Xylene	Sample	1.53	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:55	8/21/2025	10:10
IRVSEA-12-S-20250807	12	Toluene	Sample	5.85	ug/m3	0.24	ug/m3	P	Y	8/7/2025	09:55	8/21/2025	10:10
IRVSEA-12-S-20250807	12	Ethylbenzene	Sample	1.34	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	09:55	8/21/2025	10:10
IRVSEA-12-S-20250807	12	m-/p-Xylenes	Sample	3.6	ug/m3	0.271	ug/m3	P	Y	8/7/2025	09:55	8/21/2025	10:10
IRVSEA-13-S-20250807	13	Benzene	Sample	0.895	ug/m3	0.186	ug/m3		Y	8/7/2025	10:05	8/21/2025	10:20
IRVSEA-13-S-20250807	13	o-Xylene	Sample	0.845	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	10:05	8/21/2025	10:20
IRVSEA-13-S-20250807	13	Toluene	Sample	2.85	ug/m3	0.24	ug/m3	P	Y	8/7/2025	10:05	8/21/2025	10:20
IRVSEA-13-S-20250807	13	Ethylbenzene	Sample	0.798	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	10:05	8/21/2025	10:20
IRVSEA-13-S-20250807	13	m-/p-Xylenes	Sample	1.91	ug/m3	0.271	ug/m3	P	Y	8/7/2025	10:05	8/21/2025	10:20
IRVSEA-14-S-20250807	14	Benzene	Sample	0.72	ug/m3	0.186	ug/m3		Y	8/7/2025	10:15	8/21/2025	10:30
IRVSEA-14-S-20250807	14	o-Xylene	Sample	1.56	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	10:15	8/21/2025	10:30
IRVSEA-14-S-20250807	14	Toluene	Sample	2.19	ug/m3	0.24	ug/m3	P	Y	8/7/2025	10:15	8/21/2025	10:30
IRVSEA-14-S-20250807	14	Ethylbenzene	Sample	1.84	ug/m3	0.271	ug/m3	Pc	Y	8/7/2025	10:15	8/21/2025	10:30
IRVSEA-14-S-20250807	14	m-/p-Xylenes	Sample	2.46	ug/m3	0.271	ug/m3	P	Y	8/7/2025	10:15	8/21/2025	10:30
IRVSEA-15-S-20250807	15	Benzene	Sample	0.494	ug/m3	0.186	ug/m3		Y	8/7/2025	10:45	8/21/2025	10:50
IRVSEA-15-S-20250807	15	o-Xylene	Sample	0.282	ug/m3	0.271	ug/m3	J,Pc	Y	8/7/2025	10:45	8/21/2025	10:50
IRVSEA-15-S-20250807	15	Toluene	Sample	1.2	ug/m3	0.24	ug/m3	P	Y	8/7/2025	10:45	8/21/2025	10:50
IRVSEA-15-S-20250807	15	Ethylbenzene	Sample	0.388	ug/m3	0.271	ug/m3	J,Pc	Y	8/7/2025	10:45	8/21/2025	10:50
IRVSEA-15-S-20250807	15	m-/p-Xylenes	Sample	0.688	ug/m3	0.271	ug/m3	P	Y	8/7/2025	10:45	8/21/2025	10:50
IRVSEA-16-S-20250807	16	Benzene	Sample	0.413	ug/m3	0.186	ug/m3		Y	8/7/2025	10:55	8/21/2025	11:00
IRVSEA-16-S-20250807	16	o-Xylene	Sample	<0.271	ug/m3	0.271	ug/m3	ND,Pc	N	8/7/2025	10:55	8/21/2025	11:00
IRVSEA-16-S-20250807	16	Toluene	Sample	0.843	ug/m3	0.24	ug/m3	P	Y	8/7/2025	10:55	8/21/2025	11:00
IRVSEA-16-S-20250807	16	Ethylbenzene	Sample	0.316	ug/m3	0.271	ug/m3	J,Pc	Y	8/7/2025	10:55	8/21/2025	11:00
IRVSEA-16-S-20250807	16	m-/p-Xylenes	Sample	0.371	ug/m3	0.271	ug/m3	J,P	Y	8/7/2025	10:55	8/21/2025	11:00
IRVSEA-17-S-20250807	17	Benzene	Sample	0.461	ug/m3	0.186	ug/m3		Y	8/7/2025	11:05	8/21/2025	11:10

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-17-S-20250807	17	o-Xylene	Sample	<0.271	ug/m3	0.271	ug/m3	ND,Pc	N	8/7/2025	11:05	8/21/2025	11:10
IRVSEA-17-S-20250807	17	Toluene	Sample	0.945	ug/m3	0.24	ug/m3	P	Y	8/7/2025	11:05	8/21/2025	11:10
IRVSEA-17-S-20250807	17	Ethylbenzene	Sample	0.288	ug/m3	0.271	ug/m3	J,Pc	Y	8/7/2025	11:05	8/21/2025	11:10
IRVSEA-17-S-20250807	17	m-/p-Xylenes	Sample	0.475	ug/m3	0.271	ug/m3	J,P	Y	8/7/2025	11:05	8/21/2025	11:10
IRVSEA-1-S-20250821	1	Benzene	Sample	2.95	ug/m3	0.187	ug/m3		Y	8/21/2025	08:15	9/4/2025	08:00
IRVSEA-1-S-20250821	1	Toluene	Sample	13.3	ug/m3	0.242	ug/m3		Y	8/21/2025	08:15	9/4/2025	08:00
IRVSEA-1-S-20250821	1	Ethylbenzene	Sample	2.25	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	08:15	9/4/2025	08:00
IRVSEA-1-S-20250821	1	m-/p-Xylenes	Sample	7.59	ug/m3	0.273	ug/m3		Y	8/21/2025	08:15	9/4/2025	08:00
IRVSEA-1-S-20250821	1	o-Xylene	Sample	3.04	ug/m3	0.273	ug/m3		Y	8/21/2025	08:15	9/4/2025	08:00
IRVSEA-2-S-20250821	2	Benzene	Sample	1.76	ug/m3	0.187	ug/m3		Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-S-20250821	2	Toluene	Sample	8.21	ug/m3	0.242	ug/m3		Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-S-20250821	2	Ethylbenzene	Sample	1.18	ug/m3	0.273	ug/m3	J,Pc	Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-S-20250821	2	m-/p-Xylenes	Sample	3.55	ug/m3	0.273	ug/m3		Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-S-20250821	2	o-Xylene	Sample	1.32	ug/m3	0.273	ug/m3		Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-D-20250821	2	Benzene	Duplicate	1.85	ug/m3	0.187	ug/m3		Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-D-20250821	2	Toluene	Duplicate	7.9	ug/m3	0.242	ug/m3		Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-D-20250821	2	Ethylbenzene	Duplicate	1.61	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-D-20250821	2	m-/p-Xylenes	Duplicate	4.68	ug/m3	0.273	ug/m3		Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-D-20250821	2	o-Xylene	Duplicate	1.59	ug/m3	0.273	ug/m3		Y	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-B-20250821	2	Benzene	Blank	<0.187	ug/m3	0.187	ug/m3	ND	N	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-B-20250821	2	Toluene	Blank	<0.242	ug/m3	0.242	ug/m3	ND	N	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-B-20250821	2	Ethylbenzene	Blank	<0.273	ug/m3	0.273	ug/m3	ND,Pc	N	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-B-20250821	2	m-/p-Xylenes	Blank	<0.273	ug/m3	0.273	ug/m3	ND	N	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-2-B-20250821	2	o-Xylene	Blank	<0.273	ug/m3	0.273	ug/m3	ND	N	8/21/2025	08:25	9/4/2025	08:10
IRVSEA-3-S-20250821	3	Benzene	Sample	1.94	ug/m3	0.187	ug/m3		Y	8/21/2025	08:35	9/4/2025	08:20
IRVSEA-3-S-20250821	3	Toluene	Sample	8.84	ug/m3	0.242	ug/m3		Y	8/21/2025	08:35	9/4/2025	08:20
IRVSEA-3-S-20250821	3	Ethylbenzene	Sample	1.73	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	08:35	9/4/2025	08:20
IRVSEA-3-S-20250821	3	m-/p-Xylenes	Sample	5.06	ug/m3	0.273	ug/m3		Y	8/21/2025	08:35	9/4/2025	08:20
IRVSEA-3-S-20250821	3	o-Xylene	Sample	1.79	ug/m3	0.273	ug/m3		Y	8/21/2025	08:35	9/4/2025	08:20
IRVSEA-4-S-20250821	4	Benzene	Sample	1.87	ug/m3	0.187	ug/m3		Y	8/21/2025	08:45	9/4/2025	08:30
IRVSEA-4-S-20250821	4	Toluene	Sample	8.37	ug/m3	0.242	ug/m3		Y	8/21/2025	08:45	9/4/2025	08:30
IRVSEA-4-S-20250821	4	Ethylbenzene	Sample	1.81	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	08:45	9/4/2025	08:30

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-4-S-20250821	4	m-/p-Xylenes	Sample	5.58	ug/m3	0.273	ug/m3		Y	8/21/2025	08:45	9/4/2025	08:30
IRVSEA-4-S-20250821	4	o-Xylene	Sample	1.87	ug/m3	0.273	ug/m3		Y	8/21/2025	08:45	9/4/2025	08:30
IRVSEA-5-S-20250821	5	Benzene	Sample	2.09	ug/m3	0.187	ug/m3		Y	8/21/2025	08:55	9/4/2025	08:40
IRVSEA-5-S-20250821	5	Toluene	Sample	10.3	ug/m3	0.242	ug/m3		Y	8/21/2025	08:55	9/4/2025	08:40
IRVSEA-5-S-20250821	5	Ethylbenzene	Sample	1.57	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	08:55	9/4/2025	08:40
IRVSEA-5-S-20250821	5	m-/p-Xylenes	Sample	5.21	ug/m3	0.273	ug/m3		Y	8/21/2025	08:55	9/4/2025	08:40
IRVSEA-5-S-20250821	5	o-Xylene	Sample	1.83	ug/m3	0.273	ug/m3		Y	8/21/2025	08:55	9/4/2025	08:40
IRVSEA-6-S-20250821	6	Benzene	Sample	3.02	ug/m3	0.187	ug/m3		Y	8/21/2025	09:05	9/4/2025	08:50
IRVSEA-6-S-20250821	6	Toluene	Sample	12	ug/m3	0.242	ug/m3		Y	8/21/2025	09:05	9/4/2025	08:50
IRVSEA-6-S-20250821	6	Ethylbenzene	Sample	1.69	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	09:05	9/4/2025	08:50
IRVSEA-6-S-20250821	6	m-/p-Xylenes	Sample	5.37	ug/m3	0.273	ug/m3		Y	8/21/2025	09:05	9/4/2025	08:50
IRVSEA-6-S-20250821	6	o-Xylene	Sample	1.96	ug/m3	0.273	ug/m3		Y	8/21/2025	09:05	9/4/2025	08:50
IRVSEA-7-S-20250821	7	Benzene	Sample	3.04	ug/m3	0.187	ug/m3		Y	8/21/2025	09:15	9/4/2025	09:00
IRVSEA-7-S-20250821	7	Toluene	Sample	11.5	ug/m3	0.242	ug/m3		Y	8/21/2025	09:15	9/4/2025	09:00
IRVSEA-7-S-20250821	7	Ethylbenzene	Sample	1.61	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	09:15	9/4/2025	09:00
IRVSEA-7-S-20250821	7	m-/p-Xylenes	Sample	5.29	ug/m3	0.273	ug/m3		Y	8/21/2025	09:15	9/4/2025	09:00
IRVSEA-7-S-20250821	7	o-Xylene	Sample	1.98	ug/m3	0.273	ug/m3		Y	8/21/2025	09:15	9/4/2025	09:00
IRVSEA-8-S-20250821	8	Benzene	Sample	3.22	ug/m3	0.188	ug/m3		Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-S-20250821	8	Toluene	Sample	12	ug/m3	0.242	ug/m3		Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-S-20250821	8	Ethylbenzene	Sample	1.77	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-S-20250821	8	m-/p-Xylenes	Sample	5.68	ug/m3	0.273	ug/m3		Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-S-20250821	8	o-Xylene	Sample	2.09	ug/m3	0.273	ug/m3		Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-D-20250821	8	Benzene	Duplicate	3.72	ug/m3	0.188	ug/m3		Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-D-20250821	8	Toluene	Duplicate	13.2	ug/m3	0.242	ug/m3		Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-D-20250821	8	Ethylbenzene	Duplicate	2.26	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-D-20250821	8	m-/p-Xylenes	Duplicate	7.45	ug/m3	0.273	ug/m3		Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-D-20250821	8	o-Xylene	Duplicate	2.69	ug/m3	0.273	ug/m3	L	Y	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-B-20250821	8	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-B-20250821	8	Toluene	Blank	<0.242	ug/m3	0.242	ug/m3	ND	N	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-B-20250821	8	Ethylbenzene	Blank	<0.273	ug/m3	0.273	ug/m3	ND,Pc	N	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-B-20250821	8	m-/p-Xylenes	Blank	<0.273	ug/m3	0.273	ug/m3	ND	N	8/21/2025	09:30	9/4/2025	09:10
IRVSEA-8-B-20250821	8	o-Xylene	Blank	<0.273	ug/m3	0.273	ug/m3	ND,L	N	8/21/2025	09:30	9/4/2025	09:10

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-9-S-20250821	9	Benzene	Sample	2.44	ug/m3	0.188	ug/m3		Y	8/21/2025	09:40	9/4/2025	09:20
IRVSEA-9-S-20250821	9	Toluene	Sample	11.1	ug/m3	0.242	ug/m3		Y	8/21/2025	09:40	9/4/2025	09:20
IRVSEA-9-S-20250821	9	Ethylbenzene	Sample	1.85	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	09:40	9/4/2025	09:20
IRVSEA-9-S-20250821	9	m-/p-Xylenes	Sample	5.89	ug/m3	0.273	ug/m3		Y	8/21/2025	09:40	9/4/2025	09:20
IRVSEA-9-S-20250821	9	o-Xylene	Sample	2.18	ug/m3	0.273	ug/m3	L	Y	8/21/2025	09:40	9/4/2025	09:20
IRVSEA-10-S-20250821	10	Benzene	Sample	2.68	ug/m3	0.188	ug/m3		Y	8/21/2025	09:50	9/4/2025	09:30
IRVSEA-10-S-20250821	10	Toluene	Sample	11	ug/m3	0.242	ug/m3		Y	8/21/2025	09:50	9/4/2025	09:30
IRVSEA-10-S-20250821	10	Ethylbenzene	Sample	1.8	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	09:50	9/4/2025	09:30
IRVSEA-10-S-20250821	10	m-/p-Xylenes	Sample	5.81	ug/m3	0.273	ug/m3		Y	8/21/2025	09:50	9/4/2025	09:30
IRVSEA-10-S-20250821	10	o-Xylene	Sample	2.07	ug/m3	0.273	ug/m3	L	Y	8/21/2025	09:50	9/4/2025	09:30
IRVSEA-11-S-20250821	11	Benzene	Sample	3.55	ug/m3	0.188	ug/m3		Y	8/21/2025	10:00	9/4/2025	09:40
IRVSEA-11-S-20250821	11	Toluene	Sample	14.7	ug/m3	0.242	ug/m3		Y	8/21/2025	10:00	9/4/2025	09:40
IRVSEA-11-S-20250821	11	Ethylbenzene	Sample	2.52	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	10:00	9/4/2025	09:40
IRVSEA-11-S-20250821	11	m-/p-Xylenes	Sample	8.72	ug/m3	0.273	ug/m3		Y	8/21/2025	10:00	9/4/2025	09:40
IRVSEA-11-S-20250821	11	o-Xylene	Sample	3.29	ug/m3	0.273	ug/m3	L	Y	8/21/2025	10:00	9/4/2025	09:40
IRVSEA-12-S-20250821	12	Benzene	Sample	4.5	ug/m3	0.188	ug/m3		Y	8/21/2025	10:10	9/4/2025	09:50
IRVSEA-12-S-20250821	12	Toluene	Sample	18.3	ug/m3	0.242	ug/m3		Y	8/21/2025	10:10	9/4/2025	09:50
IRVSEA-12-S-20250821	12	Ethylbenzene	Sample	2.95	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	10:10	9/4/2025	09:50
IRVSEA-12-S-20250821	12	m-/p-Xylenes	Sample	10.1	ug/m3	0.273	ug/m3		Y	8/21/2025	10:10	9/4/2025	09:50
IRVSEA-12-S-20250821	12	o-Xylene	Sample	3.58	ug/m3	0.273	ug/m3	L	Y	8/21/2025	10:10	9/4/2025	09:50
IRVSEA-13-S-20250821	13	Benzene	Sample	3.06	ug/m3	0.188	ug/m3		Y	8/21/2025	10:20	9/4/2025	10:00
IRVSEA-13-S-20250821	13	Toluene	Sample	13.7	ug/m3	0.242	ug/m3		Y	8/21/2025	10:20	9/4/2025	10:00
IRVSEA-13-S-20250821	13	Ethylbenzene	Sample	2.52	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	10:20	9/4/2025	10:00
IRVSEA-13-S-20250821	13	m-/p-Xylenes	Sample	8.84	ug/m3	0.273	ug/m3		Y	8/21/2025	10:20	9/4/2025	10:00
IRVSEA-13-S-20250821	13	o-Xylene	Sample	3.1	ug/m3	0.273	ug/m3	L	Y	8/21/2025	10:20	9/4/2025	10:00
IRVSEA-14-S-20250821	14	Benzene	Sample	1.67	ug/m3	0.188	ug/m3		Y	8/21/2025	10:30	9/4/2025	10:10
IRVSEA-14-S-20250821	14	Toluene	Sample	7.24	ug/m3	0.242	ug/m3		Y	8/21/2025	10:30	9/4/2025	10:10
IRVSEA-14-S-20250821	14	Ethylbenzene	Sample	1.37	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	10:30	9/4/2025	10:10
IRVSEA-14-S-20250821	14	m-/p-Xylenes	Sample	4.03	ug/m3	0.273	ug/m3		Y	8/21/2025	10:30	9/4/2025	10:10
IRVSEA-14-S-20250821	14	o-Xylene	Sample	1.48	ug/m3	0.273	ug/m3	L	Y	8/21/2025	10:30	9/4/2025	10:10
IRVSEA-15-S-20250821	15	Benzene	Sample	1.73	ug/m3	0.187	ug/m3		Y	8/21/2025	10:50	9/4/2025	10:40
IRVSEA-15-S-20250821	15	Toluene	Sample	8.85	ug/m3	0.241	ug/m3		Y	8/21/2025	10:50	9/4/2025	10:40

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-15-S-20250821	15	Ethylbenzene	Sample	1.41	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	10:50	9/4/2025	10:40
IRVSEA-15-S-20250821	15	m-/p-Xylenes	Sample	4.97	ug/m3	0.273	ug/m3		Y	8/21/2025	10:50	9/4/2025	10:40
IRVSEA-15-S-20250821	15	o-Xylene	Sample	1.79	ug/m3	0.273	ug/m3	L	Y	8/21/2025	10:50	9/4/2025	10:40
IRVSEA-16-S-20250821	16	Benzene	Sample	2.67	ug/m3	0.187	ug/m3		Y	8/21/2025	11:00	9/4/2025	10:50
IRVSEA-16-S-20250821	16	Toluene	Sample	14.9	ug/m3	0.241	ug/m3		Y	8/21/2025	11:00	9/4/2025	10:50
IRVSEA-16-S-20250821	16	Ethylbenzene	Sample	2.66	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	11:00	9/4/2025	10:50
IRVSEA-16-S-20250821	16	m-/p-Xylenes	Sample	7.71	ug/m3	0.273	ug/m3		Y	8/21/2025	11:00	9/4/2025	10:50
IRVSEA-16-S-20250821	16	o-Xylene	Sample	2.81	ug/m3	0.273	ug/m3	L	Y	8/21/2025	11:00	9/4/2025	10:50
IRVSEA-17-S-20250821	17	Benzene	Sample	2.06	ug/m3	0.187	ug/m3		Y	8/21/2025	11:10	9/4/2025	11:00
IRVSEA-17-S-20250821	17	Toluene	Sample	11.6	ug/m3	0.241	ug/m3		Y	8/21/2025	11:10	9/4/2025	11:00
IRVSEA-17-S-20250821	17	Ethylbenzene	Sample	2.13	ug/m3	0.273	ug/m3	Pc	Y	8/21/2025	11:10	9/4/2025	11:00
IRVSEA-17-S-20250821	17	m-/p-Xylenes	Sample	7.4	ug/m3	0.273	ug/m3		Y	8/21/2025	11:10	9/4/2025	11:00
IRVSEA-17-S-20250821	17	o-Xylene	Sample	2.53	ug/m3	0.273	ug/m3	L	Y	8/21/2025	11:10	9/4/2025	11:00
IRVSEA-1-S-20250904	1	Benzene	Sample	2.12	ug/m3	0.188	ug/m3		Y	9/4/2025	08:00	9/18/2025	08:10
IRVSEA-1-S-20250904	1	Ethylbenzene	Sample	0.686	ug/m3	0.274	ug/m3		Y	9/4/2025	08:00	9/18/2025	08:10
IRVSEA-1-S-20250904	1	m-/p-Xylenes	Sample	2.1	ug/m3	0.274	ug/m3	P	Y	9/4/2025	08:00	9/18/2025	08:10
IRVSEA-1-S-20250904	1	o-Xylene	Sample	0.76	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	08:00	9/18/2025	08:10
IRVSEA-1-S-20250904	1	Toluene	Sample	3.21	ug/m3	0.242	ug/m3	P	Y	9/4/2025	08:00	9/18/2025	08:10
IRVSEA-2-S-20250904	2	Benzene	Sample	1.31	ug/m3	0.188	ug/m3		Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-S-20250904	2	Ethylbenzene	Sample	0.519	ug/m3	0.274	ug/m3	J	Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-S-20250904	2	m-/p-Xylenes	Sample	1.75	ug/m3	0.274	ug/m3	P	Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-S-20250904	2	o-Xylene	Sample	0.628	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-S-20250904	2	Toluene	Sample	3.17	ug/m3	0.242	ug/m3	P	Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-D-20250904	2	Benzene	Duplicate	1.69	ug/m3	0.188	ug/m3		Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-D-20250904	2	Ethylbenzene	Duplicate	0.684	ug/m3	0.274	ug/m3		Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-D-20250904	2	m-/p-Xylenes	Duplicate	2.6	ug/m3	0.274	ug/m3	P	Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-D-20250904	2	o-Xylene	Duplicate	0.897	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-D-20250904	2	Toluene	Duplicate	4.41	ug/m3	0.242	ug/m3	P	Y	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-B-20250904	2	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-B-20250904	2	Ethylbenzene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-B-20250904	2	m-/p-Xylenes	Blank	<0.274	ug/m3	0.274	ug/m3	ND,P	N	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-2-B-20250904	2	o-Xylene	Blank	<0.274	ug/m3	0.274	ug/m3	ND,Pc	N	9/4/2025	08:10	9/18/2025	08:20

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-2-B-20250904	2	Toluene	Blank	<0.242	ug/m3	0.242	ug/m3	ND,P	N	9/4/2025	08:10	9/18/2025	08:20
IRVSEA-3-S-20250904	3	Benzene	Sample	1.88	ug/m3	0.188	ug/m3		Y	9/4/2025	08:20	9/18/2025	08:30
IRVSEA-3-S-20250904	3	Ethylbenzene	Sample	0.856	ug/m3	0.274	ug/m3		Y	9/4/2025	08:20	9/18/2025	08:30
IRVSEA-3-S-20250904	3	m-/p-Xylenes	Sample	2.98	ug/m3	0.274	ug/m3	P	Y	9/4/2025	08:20	9/18/2025	08:30
IRVSEA-3-S-20250904	3	o-Xylene	Sample	0.973	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	08:20	9/18/2025	08:30
IRVSEA-3-S-20250904	3	Toluene	Sample	4.2	ug/m3	0.242	ug/m3	P	Y	9/4/2025	08:20	9/18/2025	08:30
IRVSEA-4-S-20250904	4	Benzene	Sample	2.21	ug/m3	0.188	ug/m3		Y	9/4/2025	08:30	9/18/2025	08:40
IRVSEA-4-S-20250904	4	Ethylbenzene	Sample	1.19	ug/m3	0.274	ug/m3		Y	9/4/2025	08:30	9/18/2025	08:40
IRVSEA-4-S-20250904	4	m-/p-Xylenes	Sample	4.25	ug/m3	0.274	ug/m3	P	Y	9/4/2025	08:30	9/18/2025	08:40
IRVSEA-4-S-20250904	4	o-Xylene	Sample	1.32	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	08:30	9/18/2025	08:40
IRVSEA-4-S-20250904	4	Toluene	Sample	5.89	ug/m3	0.242	ug/m3	P	Y	9/4/2025	08:30	9/18/2025	08:40
IRVSEA-5-S-20250904	5	Benzene	Sample	1.8	ug/m3	0.188	ug/m3		Y	9/4/2025	08:40	9/18/2025	08:50
IRVSEA-5-S-20250904	5	Ethylbenzene	Sample	1.48	ug/m3	0.274	ug/m3		Y	9/4/2025	08:40	9/18/2025	08:50
IRVSEA-5-S-20250904	5	m-/p-Xylenes	Sample	5.5	ug/m3	0.274	ug/m3	P	Y	9/4/2025	08:40	9/18/2025	08:50
IRVSEA-5-S-20250904	5	o-Xylene	Sample	1.65	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	08:40	9/18/2025	08:50
IRVSEA-5-S-20250904	5	Toluene	Sample	4.62	ug/m3	0.242	ug/m3	P	Y	9/4/2025	08:40	9/18/2025	08:50
IRVSEA-6-S-20250904	6	Benzene	Sample	3.56	ug/m3	0.188	ug/m3		Y	9/4/2025	08:50	9/18/2025	09:00
IRVSEA-6-S-20250904	6	Ethylbenzene	Sample	1.39	ug/m3	0.274	ug/m3		Y	9/4/2025	08:50	9/18/2025	09:00
IRVSEA-6-S-20250904	6	m-/p-Xylenes	Sample	4.59	ug/m3	0.274	ug/m3	P	Y	9/4/2025	08:50	9/18/2025	09:00
IRVSEA-6-S-20250904	6	o-Xylene	Sample	1.67	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	08:50	9/18/2025	09:00
IRVSEA-6-S-20250904	6	Toluene	Sample	7.44	ug/m3	0.242	ug/m3	P	Y	9/4/2025	08:50	9/18/2025	09:00
IRVSEA-7-S-20250904	7	Benzene	Sample	4.67	ug/m3	0.188	ug/m3		Y	9/4/2025	09:00	9/18/2025	09:10
IRVSEA-7-S-20250904	7	Ethylbenzene	Sample	2.58	ug/m3	0.274	ug/m3		Y	9/4/2025	09:00	9/18/2025	09:10
IRVSEA-7-S-20250904	7	m-/p-Xylenes	Sample	9.77	ug/m3	0.274	ug/m3	P	Y	9/4/2025	09:00	9/18/2025	09:10
IRVSEA-7-S-20250904	7	o-Xylene	Sample	3.51	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	09:00	9/18/2025	09:10
IRVSEA-7-S-20250904	7	Toluene	Sample	14.2	ug/m3	0.242	ug/m3	P	Y	9/4/2025	09:00	9/18/2025	09:10
IRVSEA-8-S-20250904	8	Benzene	Sample	6.45	ug/m3	0.188	ug/m3		Y	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-S-20250904	8	Ethylbenzene	Sample	3.74	ug/m3	0.274	ug/m3		Y	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-S-20250904	8	m-/p-Xylenes	Sample	13.8	ug/m3	0.274	ug/m3	P	Y	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-S-20250904	8	o-Xylene	Sample	5	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-S-20250904	8	Toluene	Sample	20.7	ug/m3	0.242	ug/m3	P	Y	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-D-20250904	8	Benzene	Duplicate	6.46	ug/m3	0.188	ug/m3		Y	9/4/2025	09:10	9/18/2025	09:20

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-8-D-20250904	8	Ethylbenzene	Duplicate	3.86	ug/m3	0.274	ug/m3		Y	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-D-20250904	8	m-/p-Xylenes	Duplicate	14.6	ug/m3	0.274	ug/m3	P	Y	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-D-20250904	8	o-Xylene	Duplicate	5.27	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-D-20250904	8	Toluene	Duplicate	21.6	ug/m3	0.242	ug/m3	P	Y	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-B-20250904	8	Benzene	Blank	<0.188	ug/m3	0.188	ug/m3	ND	N	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-B-20250904	8	Ethylbenzene	Blank	<0.274	ug/m3	0.274	ug/m3	ND	N	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-B-20250904	8	m-/p-Xylenes	Blank	<0.274	ug/m3	0.274	ug/m3	ND,P	N	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-B-20250904	8	o-Xylene	Blank	<0.274	ug/m3	0.274	ug/m3	ND,Pc	N	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-8-B-20250904	8	Toluene	Blank	<0.242	ug/m3	0.242	ug/m3	ND,P	N	9/4/2025	09:10	9/18/2025	09:20
IRVSEA-9-S-20250904	9	Benzene	Sample	2.93	ug/m3	0.188	ug/m3		Y	9/4/2025	09:20	9/18/2025	09:30
IRVSEA-9-S-20250904	9	Ethylbenzene	Sample	1.55	ug/m3	0.274	ug/m3		Y	9/4/2025	09:20	9/18/2025	09:30
IRVSEA-9-S-20250904	9	m-/p-Xylenes	Sample	5.34	ug/m3	0.274	ug/m3	P	Y	9/4/2025	09:20	9/18/2025	09:30
IRVSEA-9-S-20250904	9	o-Xylene	Sample	1.92	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	09:20	9/18/2025	09:30
IRVSEA-9-S-20250904	9	Toluene	Sample	8.31	ug/m3	0.242	ug/m3	P	Y	9/4/2025	09:20	9/18/2025	09:30
IRVSEA-10-S-20250904	10	Benzene	Sample	3.35	ug/m3	0.188	ug/m3		Y	9/4/2025	09:30	9/18/2025	09:40
IRVSEA-10-S-20250904	10	Ethylbenzene	Sample	2.61	ug/m3	0.274	ug/m3		Y	9/4/2025	09:30	9/18/2025	09:40
IRVSEA-10-S-20250904	10	m-/p-Xylenes	Sample	10.1	ug/m3	0.274	ug/m3	P	Y	9/4/2025	09:30	9/18/2025	09:40
IRVSEA-10-S-20250904	10	o-Xylene	Sample	3.17	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	09:30	9/18/2025	09:40
IRVSEA-10-S-20250904	10	Toluene	Sample	10.3	ug/m3	0.242	ug/m3	P	Y	9/4/2025	09:30	9/18/2025	09:40
IRVSEA-11-S-20250904	11	Benzene	Sample	3.84	ug/m3	0.188	ug/m3		Y	9/4/2025	09:40	9/18/2025	09:50
IRVSEA-11-S-20250904	11	Ethylbenzene	Sample	2.62	ug/m3	0.274	ug/m3		Y	9/4/2025	09:40	9/18/2025	09:50
IRVSEA-11-S-20250904	11	m-/p-Xylenes	Sample	9.44	ug/m3	0.274	ug/m3	P	Y	9/4/2025	09:40	9/18/2025	09:50
IRVSEA-11-S-20250904	11	o-Xylene	Sample	3.12	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	09:40	9/18/2025	09:50
IRVSEA-11-S-20250904	11	Toluene	Sample	11.9	ug/m3	0.242	ug/m3	P	Y	9/4/2025	09:40	9/18/2025	09:50
IRVSEA-12-S-20250904	12	Benzene	Sample	2.81	ug/m3	0.188	ug/m3		Y	9/4/2025	09:50	9/18/2025	10:00
IRVSEA-12-S-20250904	12	Ethylbenzene	Sample	1.67	ug/m3	0.274	ug/m3		Y	9/4/2025	09:50	9/18/2025	10:00
IRVSEA-12-S-20250904	12	m-/p-Xylenes	Sample	5.41	ug/m3	0.274	ug/m3	P	Y	9/4/2025	09:50	9/18/2025	10:00
IRVSEA-12-S-20250904	12	o-Xylene	Sample	1.95	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	09:50	9/18/2025	10:00
IRVSEA-12-S-20250904	12	Toluene	Sample	9.18	ug/m3	0.242	ug/m3	P	Y	9/4/2025	09:50	9/18/2025	10:00
IRVSEA-13-S-20250904	13	Benzene	Sample	1.6	ug/m3	0.188	ug/m3		Y	9/4/2025	10:00	9/18/2025	10:10
IRVSEA-13-S-20250904	13	Ethylbenzene	Sample	0.705	ug/m3	0.274	ug/m3		Y	9/4/2025	10:00	9/18/2025	10:10
IRVSEA-13-S-20250904	13	m-/p-Xylenes	Sample	2.46	ug/m3	0.274	ug/m3	P	Y	9/4/2025	10:00	9/18/2025	10:10

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

SAMPLE ID	SAMPLE LOC.	COMPOUND NAME	SAMPLE TYPE	RESULT 3	RESULT UNITS3	MDL3	MDL UNITS3	LAB FLAGS	DETECT FLAG	SAMPLE START DATE	SAMPLE START TIME	SAMPLE END DATE	SAMPLE END TIME
IRVSEA-13-S-20250904	13	o-Xylene	Sample	0.906	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	10:00	9/18/2025	10:10
IRVSEA-13-S-20250904	13	Toluene	Sample	4.26	ug/m3	0.242	ug/m3	P	Y	9/4/2025	10:00	9/18/2025	10:10
IRVSEA-14-S-20250904	14	Benzene	Sample	1.28	ug/m3	0.188	ug/m3		Y	9/4/2025	10:10	9/18/2025	10:20
IRVSEA-14-S-20250904	14	Ethylbenzene	Sample	0.508	ug/m3	0.274	ug/m3	J	Y	9/4/2025	10:10	9/18/2025	10:20
IRVSEA-14-S-20250904	14	m-/p-Xylenes	Sample	1.83	ug/m3	0.274	ug/m3	P	Y	9/4/2025	10:10	9/18/2025	10:20
IRVSEA-14-S-20250904	14	o-Xylene	Sample	0.703	ug/m3	0.274	ug/m3	Pc	Y	9/4/2025	10:10	9/18/2025	10:20
IRVSEA-14-S-20250904	14	Toluene	Sample	3.11	ug/m3	0.242	ug/m3	P	Y	9/4/2025	10:10	9/18/2025	10:20
IRVSEA-15-S-20250904	15	Benzene	Sample	1	ug/m3	0.188	ug/m3		Y	9/4/2025	10:40	9/18/2025	10:40
IRVSEA-15-S-20250904	15	Ethylbenzene	Sample	0.285	ug/m3	0.274	ug/m3	J	Y	9/4/2025	10:40	9/18/2025	10:40
IRVSEA-15-S-20250904	15	m-/p-Xylenes	Sample	0.911	ug/m3	0.274	ug/m3	P	Y	9/4/2025	10:40	9/18/2025	10:40
IRVSEA-15-S-20250904	15	o-Xylene	Sample	0.346	ug/m3	0.274	ug/m3	J,Pc	Y	9/4/2025	10:40	9/18/2025	10:40
IRVSEA-15-S-20250904	15	Toluene	Sample	1.68	ug/m3	0.242	ug/m3	P	Y	9/4/2025	10:40	9/18/2025	10:40
IRVSEA-16-S-20250904	16	Benzene	Sample	0.941	ug/m3	0.188	ug/m3		Y	9/4/2025	10:50	9/18/2025	10:50
IRVSEA-16-S-20250904	16	Ethylbenzene	Sample	0.274	ug/m3	0.274	ug/m3	J	Y	9/4/2025	10:50	9/18/2025	10:50
IRVSEA-16-S-20250904	16	m-/p-Xylenes	Sample	0.601	ug/m3	0.274	ug/m3	P	Y	9/4/2025	10:50	9/18/2025	10:50
IRVSEA-16-S-20250904	16	o-Xylene	Sample	<0.274	ug/m3	0.274	ug/m3	ND,Pc	N	9/4/2025	10:50	9/18/2025	10:50
IRVSEA-16-S-20250904	16	Toluene	Sample	1.24	ug/m3	0.242	ug/m3	P	Y	9/4/2025	10:50	9/18/2025	10:50
IRVSEA-17-S-20250904	17	Benzene	Sample	1.67	ug/m3	0.188	ug/m3		Y	9/4/2025	11:00	9/18/2025	11:00
IRVSEA-17-S-20250904	17	Ethylbenzene	Sample	<0.274	ug/m3	0.274	ug/m3	ND	N	9/4/2025	11:00	9/18/2025	11:00
IRVSEA-17-S-20250904	17	m-/p-Xylenes	Sample	0.794	ug/m3	0.274	ug/m3	P	Y	9/4/2025	11:00	9/18/2025	11:00
IRVSEA-17-S-20250904	17	o-Xylene	Sample	0.297	ug/m3	0.274	ug/m3	J,Pc	Y	9/4/2025	11:00	9/18/2025	11:00
IRVSEA-17-S-20250904	17	Toluene	Sample	1.56	ug/m3	0.242	ug/m3	P	Y	9/4/2025	11:00	9/18/2025	11:00

FLM DATA FLAG ABBREVIATIONS - EPA METHOD 325B	
FLAG	EXPLANATION
ND	The analyte was not present above the Method Detection Limit
J	Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
L	Recovery of one or more bracketing CCVs exceeded acceptance limits
P	Field duplicate(s) exceed 30%RPD
Pc	Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit
Note: Meteorological data flagged ND was not available from the airport. Missing data can be due to instrument maintenance, instrument malfunction, data transmission issues, or other factors resulting in missing data.	

IRVING OIL TERMINALS INC. – SEARSPORT MARINE TERMINAL
METEOROLOGICAL DATA
6-26-25 THROUGH 9-18-25

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (6/26/25 8:00 to 7/10/25 10:00)**

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
6/26/25 8:00	3.0	58	17.2	1015
6/26/25 9:00	2.5	77	18.3	1015
6/26/25 10:00	2.7	296	19.1	1015
6/26/25 11:00	1.8	185	19.7	1015
6/26/25 12:00	2.2	298	19.2	1015
6/26/25 13:00	1.4	321	19.1	1015
6/26/25 14:00	1.3	343	18.9	1015
6/26/25 15:00	1.0	311	18.9	1014
6/26/25 16:00	2.1	247	19.2	1014
6/26/25 17:00	1.6	285	19.0	1013
6/26/25 18:00	0.8	312	18.8	1013
6/26/25 19:00	1.3	204	17.9	1014
6/26/25 20:00	1.7	248	16.0	1014
6/26/25 21:00	0.8	293	13.8	1015
6/26/25 22:00	1.3	243	12.3	1015
6/26/25 23:00	ND	ND	11.0	1016
6/27/25 0:00	0.8	315	10.4	1016
6/27/25 1:00	ND	ND	9.6	1016
6/27/25 2:00	ND	ND	9.1	1016
6/27/25 3:00	0.3	302	8.5	1016
6/27/25 4:00	ND	ND	8.3	1017
6/27/25 5:00	ND	ND	8.4	1018
6/27/25 6:00	1.5	340	11.5	1018
6/27/25 7:00	ND	ND	14.1	1019
6/27/25 8:00	ND	ND	16.7	1019
6/27/25 9:00	1.8	192	19.1	1019
6/27/25 10:00	1.9	116	21.5	1019
6/27/25 11:00	1.8	272	22.5	1018
6/27/25 12:00	2.1	276	23.0	1018
6/27/25 13:00	2.7	212	23.7	1017
6/27/25 14:00	2.1	258	23.9	1017
6/27/25 15:00	1.4	295	23.6	1017
6/27/25 16:00	3.2	236	23.2	1016
6/27/25 17:00	5.2	187	21.6	1017
6/27/25 18:00	4.5	189	21.2	1017
6/27/25 19:00	3.1	174	19.6	1016
6/27/25 20:00	2.5	186	18.7	1016
6/27/25 21:00	2.0	194	17.9	1017
6/27/25 22:00	1.4	232	17.3	1017
6/27/25 23:00	2.8	182	16.9	1017
6/28/25 0:00	2.3	218	16.1	1017

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (6/26/25 8:00 to 7/10/25 10:00)**

6/28/25 1:00	0.5	328	14.0	1017
6/28/25 2:00	ND	ND	13.2	1017
6/28/25 3:00	2.9	63	13.0	1016
6/28/25 4:00	2.5	104	13.0	1016
6/28/25 5:00	3.2	102	12.9	1015
6/28/25 6:00	3.8	110	12.3	1015
6/28/25 7:00	2.9	129	12.4	1017
6/28/25 8:00	3.9	153	13.4	1015
6/28/25 9:00	5.3	172	13.9	1016
6/28/25 10:00	6.6	172	12.8	1015
6/28/25 11:00	5.2	171	12.0	1014
6/28/25 12:00	3.2	171	12.2	1014
6/28/25 13:00	3.8	144	12.7	1013
6/28/25 14:00	3.8	152	12.9	1013
6/28/25 15:00	2.6	156	12.9	1012
6/28/25 16:00	4.1	146	13.0	1012
6/28/25 17:00	3.8	149	14.0	1010
6/28/25 18:00	2.3	128	13.9	1010
6/28/25 19:00	2.6	130	13.9	1009
6/28/25 20:00	2.2	109	14.0	1009
6/28/25 21:00	1.9	74	13.9	1009
6/28/25 22:00	2.3	79	14.0	1009
6/28/25 23:00	1.5	80	14.0	1009
6/29/25 0:00	1.8	52	13.9	1008
6/29/25 1:00	1.9	50	13.9	1008
6/29/25 2:00	1.7	61	13.9	1007
6/29/25 3:00	1.1	270	13.9	1007
6/29/25 4:00	1.6	133	13.9	1007
6/29/25 5:00	ND	ND	13.9	1007
6/29/25 6:00	1.0	160	13.9	1007
6/29/25 7:00	1.2	307	14.0	1007
6/29/25 8:00	0.8	333	14.5	1007
6/29/25 9:00	1.3	303	15.5	1007
6/29/25 10:00	1.8	302	15.8	1007
6/29/25 11:00	1.8	324	16.2	1007
6/29/25 12:00	2.2	249	17.0	1007
6/29/25 13:00	1.6	299	17.5	1006
6/29/25 14:00	1.4	318	18.0	1006
6/29/25 15:00	0.6	341	18.0	1006
6/29/25 16:00	0.9	353	18.8	1006
6/29/25 17:00	1.0	313	20.7	1006
6/29/25 18:00	ND	ND	20.9	1006
6/29/25 19:00	1.6	127	20.0	1006
6/29/25 20:00	1.3	217	19.0	1006

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (6/26/25 8:00 to 7/10/25 10:00)**

6/29/25 21:00	0.5	303	18.4	1006
6/29/25 22:00	1.4	245	18.7	1007
6/29/25 23:00	2.0	265	18.4	1007
6/30/25 0:00	2.3	270	17.9	1007
6/30/25 1:00	2.3	259	17.1	1007
6/30/25 2:00	2.4	266	17.0	1007
6/30/25 3:00	0.4	330	16.0	1008
6/30/25 4:00	1.0	293	14.2	1008
6/30/25 5:00	ND	ND	14.2	1008
6/30/25 6:00	0.2	342	16.9	1009
6/30/25 7:00	1.0	322	18.9	1009
6/30/25 8:00	1.7	264	21.1	1009
6/30/25 9:00	2.3	269	22.6	1009
6/30/25 10:00	2.1	249	23.8	1008
6/30/25 11:00	2.2	272	25.5	1008
6/30/25 12:00	2.0	257	26.6	1008
6/30/25 13:00	3.0	233	27.1	1007
6/30/25 14:00	2.3	226	27.9	1007
6/30/25 15:00	3.1	221	27.9	1006
6/30/25 16:00	4.7	180	27.6	1006
6/30/25 17:00	5.4	184	26.4	1006
6/30/25 18:00	5.3	175	24.7	1006
6/30/25 19:00	3.3	178	23.3	1006
6/30/25 20:00	3.6	173	21.6	1006
6/30/25 21:00	2.6	190	20.3	1007
6/30/25 22:00	2.8	177	18.3	1006
6/30/25 23:00	2.0	179	17.5	1006
7/1/25 0:00	0.7	291	16.2	1006
7/1/25 1:00	1.8	207	16.1	1005
7/1/25 2:00	1.9	187	16.0	1005
7/1/25 3:00	1.9	178	16.0	1005
7/1/25 4:00	2.0	179	16.0	1004
7/1/25 5:00	2.6	167	15.9	1004
7/1/25 6:00	2.8	178	16.3	1004
7/1/25 7:00	3.5	185	17.2	1003
7/1/25 8:00	4.1	184	17.8	1003
7/1/25 9:00	3.2	179	18.6	1003
7/1/25 10:00	2.8	187	20.8	1002
7/1/25 11:00	4.5	188	21.2	1001
7/1/25 12:00	3.8	192	22.5	1001
7/1/25 13:00	4.0	188	23.7	1000
7/1/25 14:00	4.6	184	23.9	999
7/1/25 15:00	4.3	196	24.1	999
7/1/25 16:00	4.7	177	23.9	998

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (6/26/25 8:00 to 7/10/25 10:00)**

7/1/25 17:00	4.2	184	23.8	998
7/1/25 18:00	3.8	191	23.1	998
7/1/25 19:00	2.8	184	22.7	998
7/1/25 20:00	2.8	186	21.9	998
7/1/25 21:00	2.3	188	20.9	998
7/1/25 22:00	2.3	193	20.9	999
7/1/25 23:00	2.3	192	20.9	999
7/2/25 0:00	0.8	312	20.8	999
7/2/25 1:00	0.8	296	20.9	998
7/2/25 2:00	1.7	218	20.9	998
7/2/25 3:00	1.7	220	20.9	998
7/2/25 4:00	ND	ND	19.6	998
7/2/25 5:00	1.0	276	19.3	999
7/2/25 6:00	1.8	256	21.1	999
7/2/25 7:00	1.7	261	22.7	1000
7/2/25 8:00	2.9	277	25.2	1000
7/2/25 9:00	3.3	286	25.9	1000
7/2/25 10:00	2.7	266	26.3	1000
7/2/25 11:00	3.4	239	27.4	1000
7/2/25 12:00	3.4	240	27.9	1000
7/2/25 13:00	4.1	227	28.0	1000
7/2/25 14:00	4.3	210	28.6	1000
7/2/25 15:00	4.4	208	28.9	999
7/2/25 16:00	3.2	202	28.7	999
7/2/25 17:00	4.1	190	27.9	999
7/2/25 18:00	3.9	191	27.7	999
7/2/25 19:00	4.0	183	26.6	999
7/2/25 20:00	3.0	189	24.8	1000
7/2/25 21:00	2.2	192	23.1	1001
7/2/25 22:00	1.6	204	22.1	1001
7/2/25 23:00	0.5	314	20.6	1001
7/3/25 0:00	1.1	183	18.8	1001
7/3/25 1:00	1.8	165	18.4	1001
7/3/25 2:00	ND	ND	17.8	1001
7/3/25 3:00	ND	ND	17.2	1001
7/3/25 4:00	ND	ND	17.6	1001
7/3/25 5:00	ND	ND	16.6	1001
7/3/25 6:00	1.5	198	18.8	1001
7/3/25 7:00	1.5	185	21.5	1001
7/3/25 8:00	0.8	275	23.6	1001
7/3/25 9:00	1.7	212	26.1	1001
7/3/25 10:00	2.9	159	27.1	1000
7/3/25 11:00	4.5	171	27.9	1000
7/3/25 12:00	5.7	184	28.4	999

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (6/26/25 8:00 to 7/10/25 10:00)**

7/3/25 13:00	6.4	184	28.2	999
7/3/25 14:00	4.6	187	26.1	999
7/3/25 15:00	4.5	272	20.1	1000
7/3/25 16:00	1.5	170	19.0	1000
7/3/25 17:00	0.2	331	19.8	1000
7/3/25 18:00	1.1	282	19.8	1000
7/3/25 19:00	0.9	306	19.8	1000
7/3/25 20:00	2.9	279	18.4	1001
7/3/25 21:00	2.6	283	17.2	1001
7/3/25 22:00	3.0	289	17.0	1002
7/3/25 23:00	2.1	296	16.4	1003
7/4/25 0:00	2.6	276	16.0	1003
7/4/25 1:00	2.6	261	16.0	1003
7/4/25 2:00	2.2	265	15.4	1003
7/4/25 3:00	3.0	262	15.0	1003
7/4/25 4:00	2.7	257	14.9	1003
7/4/25 5:00	2.7	264	15.2	1004
7/4/25 6:00	1.2	291	16.0	1004
7/4/25 7:00	2.4	321	16.7	1005
7/4/25 8:00	4.7	312	18.2	1005
7/4/25 9:00	5.6	305	19.5	1005
7/4/25 10:00	6.9	318	20.9	1005
7/4/25 11:00	5.4	315	21.6	1005
7/4/25 12:00	6.3	295	21.9	1005
7/4/25 13:00	3.9	290	20.9	1005
7/4/25 14:00	5.5	319	19.7	1006
7/4/25 15:00	5.8	329	20.7	1006
7/4/25 16:00	6.7	308	20.8	1007
7/4/25 17:00	6.1	311	20.8	1007
7/4/25 18:00	5.4	303	19.6	1007
7/4/25 19:00	3.4	305	18.2	1008
7/4/25 20:00	2.0	309	17.4	1009
7/4/25 21:00	1.9	264	15.8	1009
7/4/25 22:00	1.9	271	15.6	1009
7/4/25 23:00	1.9	220	15.7	1010
7/5/25 0:00	1.6	226	14.4	1010
7/5/25 1:00	0.9	288	14.7	1010
7/5/25 2:00	2.9	265	15.3	1010
7/5/25 3:00	3.0	269	15.0	1010
7/5/25 4:00	2.5	259	15.0	1010
7/5/25 5:00	3.5	265	15.5	1010
7/5/25 6:00	2.4	268	16.8	1010
7/5/25 7:00	2.8	279	18.4	1011
7/5/25 8:00	3.2	288	20.8	1011

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (6/26/25 8:00 to 7/10/25 10:00)**

7/5/25 9:00	3.2	288	22.0	1011
7/5/25 10:00	4.0	299	24.3	1011
7/5/25 11:00	3.5	277	25.9	1011
7/5/25 12:00	3.1	313	26.8	1011
7/5/25 13:00	4.2	324	27.0	1010
7/5/25 14:00	3.4	275	26.9	1010
7/5/25 15:00	3.8	271	26.5	1010
7/5/25 16:00	3.7	251	25.9	1010
7/5/25 17:00	3.4	245	24.5	1010
7/5/25 18:00	2.8	231	23.9	1010
7/5/25 19:00	3.2	203	23.3	1009
7/5/25 20:00	2.9	202	22.5	1009
7/5/25 21:00	2.2	205	21.4	1010
7/5/25 22:00	2.5	197	20.9	1009
7/5/25 23:00	2.8	194	20.6	1009
7/6/25 0:00	3.1	191	19.1	1008
7/6/25 1:00	3.0	195	18.9	1008
7/6/25 2:00	3.0	184	18.7	1007
7/6/25 3:00	2.5	190	17.9	1006
7/6/25 4:00	2.3	193	17.9	1006
7/6/25 5:00	2.3	186	17.9	1006
7/6/25 6:00	3.3	196	18.7	1006
7/6/25 7:00	3.5	196	20.2	1006
7/6/25 8:00	2.8	199	22.5	1006
7/6/25 9:00	3.4	201	24.4	1006
7/6/25 10:00	3.5	207	28.0	1006
7/6/25 11:00	5.2	241	29.7	1005
7/6/25 12:00	4.4	246	30.3	1005
7/6/25 13:00	3.4	248	30.9	1005
7/6/25 14:00	4.4	249	31.6	1004
7/6/25 15:00	3.4	233	30.9	1004
7/6/25 16:00	4.3	178	30.4	1004
7/6/25 17:00	4.5	172	29.3	1003
7/6/25 18:00	4.2	183	28.3	1003
7/6/25 19:00	4.3	256	26.1	1004
7/6/25 20:00	3.2	125	22.9	1005
7/6/25 21:00	2.2	210	22.9	1005
7/6/25 22:00	2.8	302	23.1	1006
7/6/25 23:00	0.9	257	22.9	1006
7/7/25 0:00	1.7	163	21.9	1006
7/7/25 1:00	1.8	160	21.5	1006
7/7/25 2:00	1.5	192	20.9	1006
7/7/25 3:00	1.7	175	20.3	1006
7/7/25 4:00	1.8	184	19.7	1006

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (6/26/25 8:00 to 7/10/25 10:00)**

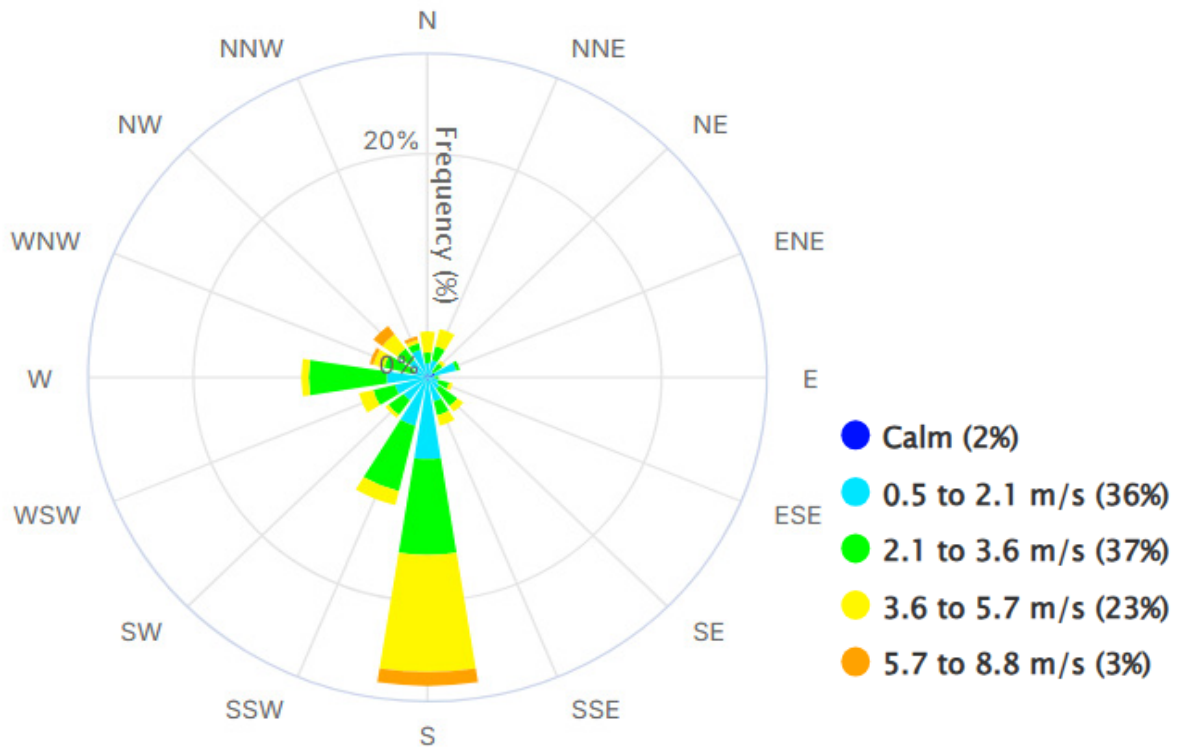
7/7/25 5:00	1.8	186	19.7	1006
7/7/25 6:00	1.1	273	21.3	1006
7/7/25 7:00	1.6	203	23.0	1006
7/7/25 8:00	1.9	150	24.7	1006
7/7/25 9:00	3.0	179	26.6	1006
7/7/25 10:00	3.1	178	27.1	1006
7/7/25 11:00	3.2	172	28.1	1006
7/7/25 12:00	4.5	177	29.0	1005
7/7/25 13:00	5.4	171	29.1	1005
7/7/25 14:00	6.1	176	29.7	1005
7/7/25 15:00	6.3	179	28.7	1004
7/7/25 16:00	5.5	184	27.5	1004
7/7/25 17:00	4.1	178	26.2	1004
7/7/25 18:00	5.3	173	26.9	1004
7/7/25 19:00	4.2	175	25.3	1004
7/7/25 20:00	3.6	178	23.6	1005
7/7/25 21:00	2.1	148	22.6	1005
7/7/25 22:00	1.9	134	22.1	1005
7/7/25 23:00	1.3	307	21.7	1006
7/8/25 0:00	1.0	344	21.0	1005
7/8/25 1:00	2.0	354	20.9	1005
7/8/25 2:00	2.9	323	20.2	1005
7/8/25 3:00	3.6	186	19.0	1005
7/8/25 4:00	3.3	59	18.6	1005
7/8/25 5:00	3.0	13	18.1	1006
7/8/25 6:00	4.1	88	18.1	1006
7/8/25 7:00	3.3	25	18.0	1007
7/8/25 8:00	4.2	19	18.2	1007
7/8/25 9:00	4.7	18	20.0	1007
7/8/25 10:00	4.2	31	21.2	1007
7/8/25 11:00	4.5	117	21.9	1008
7/8/25 12:00	5.5	355	21.9	1008
7/8/25 13:00	5.0	81	22.0	1008
7/8/25 14:00	4.0	189	22.3	1008
7/8/25 15:00	5.0	185	23.3	1007
7/8/25 16:00	4.9	155	23.3	1008
7/8/25 17:00	3.8	127	23.1	1008
7/8/25 18:00	3.7	43	23.2	1008
7/8/25 19:00	3.0	46	22.3	1009
7/8/25 20:00	0.9	221	21.1	1009
7/8/25 21:00	ND	ND	20.3	1009
7/8/25 22:00	0.0	360	19.8	1009
7/8/25 23:00	ND	ND	18.4	1009
7/9/25 0:00	0.0	359	17.3	1009

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (6/26/25 8:00 to 7/10/25 10:00)**

7/9/25 1:00	ND	ND	16.4	1009
7/9/25 2:00	1.5	200	16.2	1009
7/9/25 3:00	1.0	340	15.5	1009
7/9/25 4:00	ND	ND	15.2	1009
7/9/25 5:00	1.5	210	16.5	1009
7/9/25 6:00	ND	ND	17.0	1010
7/9/25 7:00	1.5	200	18.0	1010
7/9/25 8:00	1.2	173	20.5	1010
7/9/25 9:00	1.8	105	22.8	1010
7/9/25 10:00	2.4	65	24.0	1010
7/9/25 11:00	1.2	143	25.2	1010
7/9/25 12:00	1.1	253	26.0	1009
7/9/25 13:00	1.6	210	26.2	1009
7/9/25 14:00	1.3	204	27.1	1008
7/9/25 15:00	1.0	317	27.5	1008
7/9/25 16:00	2.1	202	27.0	1008
7/9/25 17:00	4.4	189	25.2	1008
7/9/25 18:00	4.8	174	23.4	1008
7/9/25 19:00	3.7	175	22.4	1009
7/9/25 20:00	3.5	175	21.6	1009
7/9/25 21:00	3.0	194	20.9	1009
7/9/25 22:00	2.5	207	20.2	1009
7/9/25 23:00	1.6	198	19.0	1009
7/10/25 0:00	2.0	221	17.9	1009
7/10/25 1:00	2.2	184	17.9	1009
7/10/25 2:00	1.8	222	17.9	1009
7/10/25 3:00	0.6	258	17.0	1010
7/10/25 4:00	1.7	166	16.9	1010
7/10/25 5:00	1.6	182	16.9	1010
7/10/25 6:00	1.5	177	17.0	1010
7/10/25 7:00	2.0	175	18.0	1010
7/10/25 8:00	1.6	144	19.4	1010
7/10/25 9:00	2.6	132	21.2	1010
7/10/25 10:00	2.9	131	22.1	1010

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (6/26/25 8:00 to 7/10/25 10:00)

BGR Wind Rose 6/26/25 8:00 - 7/10/25 10:00



IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/10/25 8:00 to 7/24/25 10:00)**

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
7/10/25 8:00	1.6	144	19.4	1010
7/10/25 9:00	2.6	132	21.2	1010
7/10/25 10:00	2.9	131	22.1	1010
7/10/25 11:00	3.9	144	22.9	1011
7/10/25 12:00	3.2	187	22.3	1011
7/10/25 13:00	2.9	170	22.8	1010
7/10/25 14:00	3.2	140	22.9	1010
7/10/25 15:00	3.6	146	22.9	1010
7/10/25 16:00	3.7	150	22.7	1010
7/10/25 17:00	2.5	163	22.7	1010
7/10/25 18:00	3.0	134	21.6	1010
7/10/25 19:00	3.7	124	20.1	1010
7/10/25 20:00	3.8	126	18.5	1010
7/10/25 21:00	3.8	142	17.9	1010
7/10/25 22:00	2.8	166	17.9	1010
7/10/25 23:00	1.9	179	17.9	1010
7/11/25 0:00	1.5	206	17.9	1010
7/11/25 1:00	1.7	218	17.8	1010
7/11/25 2:00	0.9	291	17.0	1010
7/11/25 3:00	1.5	215	17.4	1010
7/11/25 4:00	1.7	276	17.1	1009
7/11/25 5:00	1.9	238	17.0	1009
7/11/25 6:00	2.1	250	17.0	1010
7/11/25 7:00	1.8	219	17.4	1010
7/11/25 8:00	1.6	176	18.0	1010
7/11/25 9:00	1.4	214	18.7	1010
7/11/25 10:00	0.6	308	19.7	1010
7/11/25 11:00	1.6	174	20.9	1010
7/11/25 12:00	1.5	239	21.3	1010
7/11/25 13:00	2.0	267	22.4	1010
7/11/25 14:00	1.8	276	23.2	1010
7/11/25 15:00	2.5	244	23.7	1009
7/11/25 16:00	0.6	167	24.3	1009
7/11/25 17:00	1.6	226	24.7	1009
7/11/25 18:00	2.7	193	23.9	1009
7/11/25 19:00	2.8	195	23.1	1010
7/11/25 20:00	2.8	196	21.5	1010
7/11/25 21:00	2.8	171	20.3	1011
7/11/25 22:00	2.6	182	19.0	1011
7/11/25 23:00	2.8	190	18.4	1011
7/12/25 0:00	1.9	194	17.5	1012

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/10/25 8:00 to 7/24/25 10:00)**

7/12/25 1:00	2.7	190	16.9	1012
7/12/25 2:00	1.9	164	16.9	1012
7/12/25 3:00	2.0	194	16.7	1012
7/12/25 4:00	2.4	176	16.0	1012
7/12/25 5:00	1.8	186	16.9	1012
7/12/25 6:00	1.9	177	16.9	1013
7/12/25 7:00	2.4	186	17.2	1013
7/12/25 8:00	2.5	190	18.1	1013
7/12/25 9:00	2.0	168	19.4	1013
7/12/25 10:00	2.9	182	22.3	1013
7/12/25 11:00	4.0	187	22.3	1013
7/12/25 12:00	4.4	186	21.7	1014
7/12/25 13:00	4.2	173	21.5	1014
7/12/25 14:00	5.1	182	22.4	1013
7/12/25 15:00	5.1	186	21.6	1013
7/12/25 16:00	5.2	179	21.3	1013
7/12/25 17:00	4.6	184	19.3	1013
7/12/25 18:00	4.7	181	18.8	1013
7/12/25 19:00	4.4	176	18.1	1014
7/12/25 20:00	4.0	185	18.0	1014
7/12/25 21:00	3.6	181	17.5	1014
7/12/25 22:00	2.6	181	17.5	1014
7/12/25 23:00	3.5	177	16.9	1014
7/13/25 0:00	3.9	190	16.9	1014
7/13/25 1:00	4.1	187	16.7	1014
7/13/25 2:00	4.2	171	16.0	1013
7/13/25 3:00	4.0	180	16.0	1013
7/13/25 4:00	3.5	188	15.9	1013
7/13/25 5:00	3.6	174	15.9	1013
7/13/25 6:00	3.9	185	16.0	1014
7/13/25 7:00	3.3	181	16.0	1014
7/13/25 8:00	3.9	188	16.8	1014
7/13/25 9:00	4.5	176	18.4	1014
7/13/25 10:00	4.8	184	20.1	1013
7/13/25 11:00	5.1	194	21.5	1013
7/13/25 12:00	6.0	189	22.1	1013
7/13/25 13:00	6.2	185	22.9	1013
7/13/25 14:00	6.1	172	23.4	1012
7/13/25 15:00	6.8	182	22.9	1011
7/13/25 16:00	7.4	185	22.3	1011
7/13/25 17:00	7.0	185	21.1	1011
7/13/25 18:00	6.1	187	18.6	1011
7/13/25 19:00	5.9	182	17.8	1012
7/13/25 20:00	6.7	179	17.0	1012

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/10/25 8:00 to 7/24/25 10:00)**

7/13/25 21:00	5.4	176	16.2	1012
7/13/25 22:00	3.7	183	16.0	1013
7/13/25 23:00	4.6	178	16.0	1013
7/14/25 0:00	4.0	181	16.0	1012
7/14/25 1:00	3.8	176	16.0	1012
7/14/25 2:00	3.7	178	15.9	1011
7/14/25 3:00	3.1	173	15.9	1011
7/14/25 4:00	3.3	173	16.0	1011
7/14/25 5:00	3.6	173	16.0	1011
7/14/25 6:00	3.3	176	16.4	1011
7/14/25 7:00	3.5	181	17.1	1011
7/14/25 8:00	3.7	178	18.0	1011
7/14/25 9:00	4.6	177	18.8	1011
7/14/25 10:00	4.4	180	20.2	1011
7/14/25 11:00	5.1	176	21.0	1011
7/14/25 12:00	5.6	184	21.1	1011
7/14/25 13:00	4.7	198	20.8	1011
7/14/25 14:00	5.2	183	21.0	1010
7/14/25 15:00	4.7	189	21.5	1010
7/14/25 16:00	5.4	185	21.9	1010
7/14/25 17:00	3.7	165	21.3	1009
7/14/25 18:00	4.6	176	20.8	1010
7/14/25 19:00	4.3	178	19.9	1010
7/14/25 20:00	3.3	175	19.8	1010
7/14/25 21:00	4.4	183	18.9	1010
7/14/25 22:00	3.3	186	18.9	1009
7/14/25 23:00	2.8	183	18.3	1009
7/15/25 0:00	2.3	184	18.5	1009
7/15/25 1:00	2.1	185	18.0	1009
7/15/25 2:00	0.8	264	18.6	1009
7/15/25 3:00	1.2	249	18.0	1009
7/15/25 4:00	0.8	280	18.0	1009
7/15/25 5:00	1.8	193	18.1	1009
7/15/25 6:00	1.5	173	18.8	1010
7/15/25 7:00	1.7	243	19.1	1010
7/15/25 8:00	1.9	208	20.1	1010
7/15/25 9:00	1.9	225	22.1	1010
7/15/25 10:00	2.4	224	26.8	1010
7/15/25 11:00	2.8	224	27.9	1009
7/15/25 12:00	3.0	254	28.8	1009
7/15/25 13:00	3.2	227	30.0	1009
7/15/25 14:00	3.9	229	30.7	1008
7/15/25 15:00	3.9	233	31.3	1008
7/15/25 16:00	4.1	188	30.8	1007

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/10/25 8:00 to 7/24/25 10:00)**

7/15/25 17:00	4.0	187	29.4	1008
7/15/25 18:00	3.2	183	28.7	1008
7/15/25 19:00	3.0	181	27.2	1008
7/15/25 20:00	2.8	179	25.3	1009
7/15/25 21:00	2.5	189	23.8	1009
7/15/25 22:00	2.2	183	22.7	1009
7/15/25 23:00	2.6	193	21.9	1009
7/16/25 0:00	2.0	198	21.0	1009
7/16/25 1:00	0.5	309	19.7	1009
7/16/25 2:00	0.5	300	18.5	1009
7/16/25 3:00	1.2	280	18.1	1009
7/16/25 4:00	1.5	210	18.0	1009
7/16/25 5:00	ND	ND	18.1	1009
7/16/25 6:00	ND	ND	19.9	1010
7/16/25 7:00	1.7	178	22.7	1009
7/16/25 8:00	2.1	187	25.0	1009
7/16/25 9:00	1.6	223	27.4	1009
7/16/25 10:00	2.0	208	29.0	1009
7/16/25 11:00	1.3	277	30.2	1009
7/16/25 12:00	3.3	182	30.9	1008
7/16/25 13:00	4.9	185	31.7	1008
7/16/25 14:00	6.4	186	31.9	1008
7/16/25 15:00	5.9	184	31.9	1007
7/16/25 16:00	6.2	182	31.3	1007
7/16/25 17:00	5.4	176	30.0	1006
7/16/25 18:00	5.1	181	28.6	1006
7/16/25 19:00	5.3	177	27.1	1006
7/16/25 20:00	4.4	179	24.9	1006
7/16/25 21:00	3.4	173	23.0	1006
7/16/25 22:00	4.0	181	21.2	1006
7/16/25 23:00	2.8	197	19.2	1006
7/17/25 0:00	1.6	208	19.4	1006
7/17/25 1:00	2.2	179	19.0	1006
7/17/25 2:00	2.8	182	19.0	1005
7/17/25 3:00	3.5	183	18.9	1005
7/17/25 4:00	3.1	185	18.9	1005
7/17/25 5:00	3.1	184	19.0	1005
7/17/25 6:00	2.3	185	19.0	1005
7/17/25 7:00	2.8	173	20.2	1004
7/17/25 8:00	3.2	206	21.6	1004
7/17/25 9:00	4.0	191	22.9	1004
7/17/25 10:00	4.3	187	23.3	1003
7/17/25 11:00	5.7	175	25.2	1003
7/17/25 12:00	6.1	177	26.6	1001

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/10/25 8:00 to 7/24/25 10:00)**

7/17/25 13:00	7.8	185	27.3	1001
7/17/25 14:00	7.8	174	27.1	1000
7/17/25 15:00	6.8	176	26.7	999
7/17/25 16:00	7.6	175	25.5	999
7/17/25 17:00	5.6	184	23.1	997
7/17/25 18:00	4.8	180	22.5	997
7/17/25 19:00	5.0	172	22.3	997
7/17/25 20:00	3.7	175	21.5	997
7/17/25 21:00	4.2	179	21.0	997
7/17/25 22:00	4.0	182	20.9	996
7/17/25 23:00	4.6	182	20.9	996
7/18/25 0:00	3.8	199	20.9	996
7/18/25 1:00	2.3	197	20.9	996
7/18/25 2:00	1.9	201	20.9	996
7/18/25 3:00	2.9	326	21.8	997
7/18/25 4:00	4.5	296	21.6	998
7/18/25 5:00	4.5	302	20.1	1000
7/18/25 6:00	4.0	312	19.2	1002
7/18/25 7:00	7.6	316	20.4	1002
7/18/25 8:00	8.3	328	20.7	1004
7/18/25 9:00	10.0	328	21.0	1004
7/18/25 10:00	8.1	325	21.9	1005
7/18/25 11:00	6.8	334	23.6	1006
7/18/25 12:00	8.0	335	24.5	1006
7/18/25 13:00	6.9	337	25.8	1007
7/18/25 14:00	6.0	314	25.8	1007
7/18/25 15:00	6.3	320	26.0	1008
7/18/25 16:00	6.6	323	25.9	1008
7/18/25 17:00	6.7	331	25.7	1008
7/18/25 18:00	5.7	331	24.4	1008
7/18/25 19:00	4.4	331	22.7	1009
7/18/25 20:00	1.6	299	19.9	1010
7/18/25 21:00	1.9	295	17.9	1010
7/18/25 22:00	2.3	290	17.8	1010
7/18/25 23:00	1.2	298	15.9	1010
7/19/25 0:00	0.9	330	13.8	1011
7/19/25 1:00	1.2	226	13.2	1011
7/19/25 2:00	0.5	292	12.9	1011
7/19/25 3:00	ND	ND	11.8	1011
7/19/25 4:00	ND	ND	11.4	1012
7/19/25 5:00	ND	ND	11.5	1012
7/19/25 6:00	0.0	360	14.3	1012
7/19/25 7:00	2.3	237	17.1	1012
7/19/25 8:00	2.8	250	19.8	1012

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/10/25 8:00 to 7/24/25 10:00)**

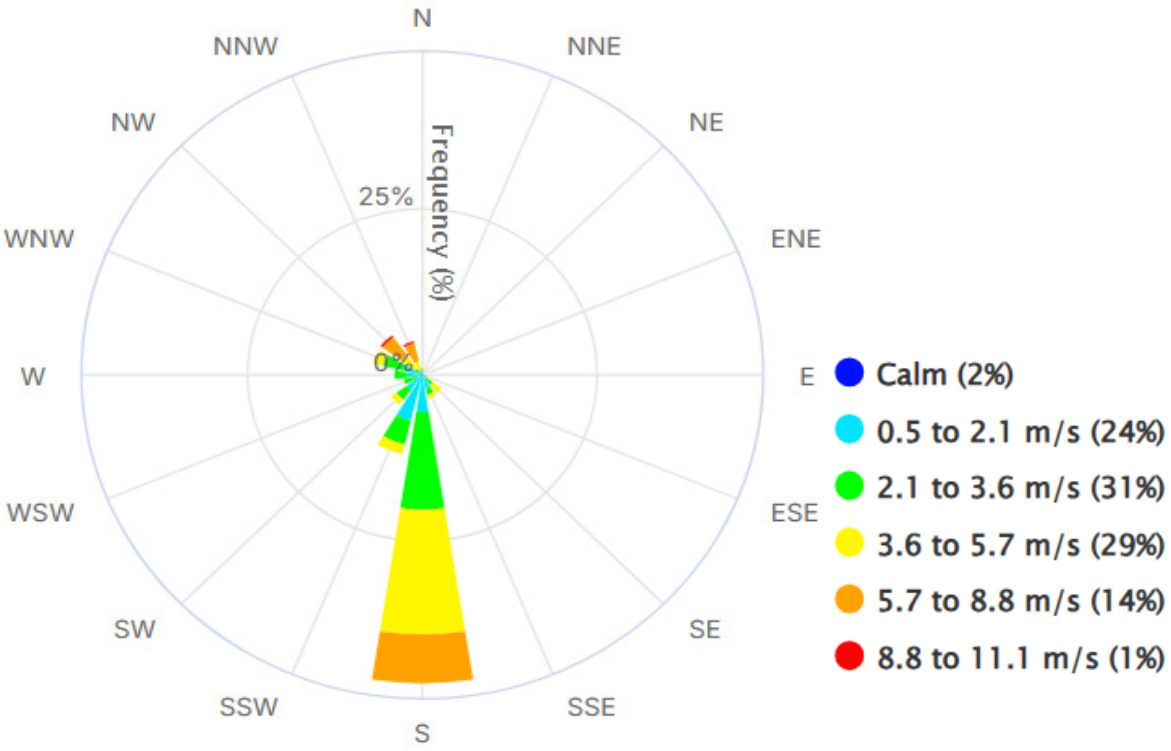
7/19/25 9:00	2.3	237	21.9	1011
7/19/25 10:00	2.1	218	23.8	1011
7/19/25 11:00	2.6	247	24.5	1010
7/19/25 12:00	1.8	297	25.8	1010
7/19/25 13:00	4.6	203	26.2	1009
7/19/25 14:00	5.6	215	26.4	1009
7/19/25 15:00	6.5	176	25.8	1009
7/19/25 16:00	6.7	181	24.7	1008
7/19/25 17:00	6.0	179	24.4	1008
7/19/25 18:00	6.0	184	23.7	1008
7/19/25 19:00	4.7	187	22.1	1008
7/19/25 20:00	3.6	187	20.2	1008
7/19/25 21:00	3.5	184	18.8	1008
7/19/25 22:00	2.6	188	17.9	1008
7/19/25 23:00	1.6	199	17.8	1007
7/20/25 0:00	0.8	287	17.4	1007
7/20/25 1:00	1.7	204	17.5	1006
7/20/25 2:00	1.1	232	17.0	1006
7/20/25 3:00	1.6	204	17.0	1005
7/20/25 4:00	1.0	242	17.0	1005
7/20/25 5:00	2.5	170	17.2	1004
7/20/25 6:00	2.3	197	18.0	1004
7/20/25 7:00	1.9	263	18.4	1004
7/20/25 8:00	1.6	274	18.9	1004
7/20/25 9:00	0.7	251	19.7	1004
7/20/25 10:00	1.0	268	20.9	1003
7/20/25 11:00	1.9	189	20.5	1002
7/20/25 12:00	2.2	231	19.7	1002
7/20/25 13:00	2.4	155	19.4	1001
7/20/25 14:00	1.7	143	18.9	1001
7/20/25 15:00	2.3	120	19.4	1000
7/20/25 16:00	2.4	150	20.1	1000
7/20/25 17:00	1.2	217	19.9	1000
7/20/25 18:00	1.4	230	19.4	1000
7/20/25 19:00	1.6	201	19.0	999
7/20/25 20:00	1.6	266	18.9	999
7/20/25 21:00	0.4	350	18.0	1000
7/20/25 22:00	1.1	310	17.9	1000
7/20/25 23:00	2.0	280	17.9	999
7/21/25 0:00	2.7	251	17.9	999
7/21/25 1:00	3.2	294	17.7	999
7/21/25 2:00	1.6	307	16.8	998
7/21/25 3:00	1.6	288	16.0	998
7/21/25 4:00	2.1	300	15.8	999

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/10/25 8:00 to 7/24/25 10:00)**

7/21/25 5:00	2.2	293	15.3	999
7/21/25 6:00	3.7	294	15.6	1000
7/21/25 7:00	4.6	310	16.6	1000
7/21/25 8:00	6.1	306	17.0	1001
7/21/25 9:00	7.3	314	17.3	1002
7/21/25 10:00	7.8	325	18.7	1002
7/21/25 11:00	8.2	321	19.8	1002
7/21/25 12:00	5.3	320	20.9	1002
7/21/25 13:00	9.0	322	21.1	1002
7/21/25 14:00	7.9	314	21.9	1002
7/21/25 15:00	6.1	336	18.2	1003
7/21/25 16:00	6.6	327	20.1	1003
7/21/25 17:00	8.3	336	20.9	1004
7/21/25 18:00	6.9	320	19.7	1004
7/21/25 19:00	5.4	312	18.5	1005
7/21/25 20:00	5.0	309	17.9	1006
7/21/25 21:00	3.6	295	16.6	1007
7/21/25 22:00	3.6	304	15.9	1008
7/21/25 23:00	2.1	284	14.5	1008
7/22/25 0:00	3.1	274	13.7	1008
7/22/25 1:00	2.9	283	13.0	1009
7/22/25 2:00	3.2	289	12.9	1009
7/22/25 3:00	3.0	264	12.0	1009
7/22/25 4:00	2.3	274	11.8	1009
7/22/25 5:00	2.8	260	11.2	1010
7/22/25 6:00	1.9	286	12.6	1011
7/22/25 7:00	3.0	294	14.8	1012
7/22/25 8:00	3.6	321	17.1	1012
7/22/25 9:00	3.6	337	18.4	1012
7/22/25 10:00	4.5	331	19.5	1012
7/22/25 11:00	4.5	292	20.8	1012
7/22/25 12:00	4.2	306	21.9	1012
7/22/25 13:00	3.5	322	22.7	1012
7/22/25 14:00	2.6	310	23.6	1012
7/22/25 15:00	3.5	333	23.7	1012
7/22/25 16:00	4.6	292	24.3	1012
7/22/25 17:00	3.8	314	24.0	1012
7/22/25 18:00	3.4	313	23.1	1012
7/22/25 19:00	1.7	289	19.8	1012
7/22/25 20:00	0.9	303	17.3	1013
7/22/25 21:00	ND	ND	16.8	1014
7/22/25 22:00	0.4	314	15.4	1014
7/22/25 23:00	0.2	345	15.1	1015
7/23/25 0:00	ND	ND	14.7	1015

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/10/25 8:00 to 7/24/25 10:00)**

7/23/25 1:00	1.0	265	13.9	1015
7/23/25 2:00	0.8	314	12.8	1015
7/23/25 3:00	ND	ND	12.1	1016
7/23/25 4:00	ND	ND	12.1	1016
7/23/25 5:00	ND	ND	11.6	1016
7/23/25 6:00	ND	ND	13.8	1016
7/23/25 7:00	1.5	280	16.7	1017
7/23/25 8:00	1.5	254	19.1	1017
7/23/25 9:00	0.3	306	21.3	1017
7/23/25 10:00	2.1	218	22.7	1017
7/23/25 11:00	3.3	280	23.9	1016
7/23/25 12:00	3.3	257	24.6	1016
7/23/25 13:00	3.0	230	25.6	1015
7/23/25 14:00	2.5	270	25.9	1015
7/23/25 15:00	4.5	188	26.0	1015
7/23/25 16:00	5.8	179	25.4	1014
7/23/25 17:00	6.0	190	24.4	1014
7/23/25 18:00	5.9	176	23.2	1014
7/23/25 19:00	5.2	178	21.5	1014
7/23/25 20:00	3.0	183	19.4	1014
7/23/25 21:00	3.4	190	18.5	1015
7/23/25 22:00	3.3	194	17.9	1015
7/23/25 23:00	3.9	192	17.9	1014
7/24/25 0:00	3.1	191	17.2	1014
7/24/25 1:00	3.2	195	16.9	1014
7/24/25 2:00	2.5	189	16.9	1014
7/24/25 3:00	2.5	193	16.9	1013
7/24/25 4:00	2.7	191	16.3	1012
7/24/25 5:00	2.6	185	16.0	1012
7/24/25 6:00	2.7	194	16.8	1012
7/24/25 7:00	3.2	193	17.7	1012
7/24/25 8:00	3.7	178	19.7	1012
7/24/25 9:00	4.5	175	21.6	1011
7/24/25 10:00	3.2	182	23.6	1011



IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/24/25 8:00 to 8/7/25 10:00)**

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
7/24/25 8:00	3.7	178	19.7	1012
7/24/25 9:00	4.5	175	21.6	1011
7/24/25 10:00	3.2	182	23.6	1011
7/24/25 11:00	5.2	182	26.3	1010
7/24/25 12:00	6.7	178	27.9	1009
7/24/25 13:00	7.4	178	27.8	1008
7/24/25 14:00	7.3	178	27.3	1007
7/24/25 15:00	6.5	180	25.4	1007
7/24/25 16:00	6.6	179	24.6	1006
7/24/25 17:00	6.8	177	25.6	1006
7/24/25 18:00	6.2	173	25.6	1005
7/24/25 19:00	5.7	177	23.4	1005
7/24/25 20:00	4.1	178	22.4	1005
7/24/25 21:00	4.6	185	21.2	1005
7/24/25 22:00	3.9	194	20.9	1005
7/24/25 23:00	4.0	187	19.8	1005
7/25/25 0:00	3.3	189	19.9	1005
7/25/25 1:00	3.8	190	19.5	1004
7/25/25 2:00	3.5	187	18.9	1004
7/25/25 3:00	3.3	187	18.9	1003
7/25/25 4:00	3.5	185	18.9	1003
7/25/25 5:00	2.8	194	18.9	1003
7/25/25 6:00	3.4	196	19.6	1003
7/25/25 7:00	3.0	189	20.4	1003
7/25/25 8:00	3.2	183	21.4	1002
7/25/25 9:00	3.4	178	23.9	1002
7/25/25 10:00	2.8	197	27.5	1002
7/25/25 11:00	3.1	196	27.2	1001
7/25/25 12:00	2.7	291	26.8	1001
7/25/25 13:00	3.8	267	26.7	1001
7/25/25 14:00	3.2	277	26.4	1001
7/25/25 15:00	3.6	288	27.7	1001
7/25/25 16:00	4.3	302	26.8	1001
7/25/25 17:00	6.2	312	26.6	1002
7/25/25 18:00	5.9	345	26.2	1003
7/25/25 19:00	3.8	340	24.9	1004
7/25/25 20:00	2.7	305	23.4	1005
7/25/25 21:00	4.5	304	22.9	1006
7/25/25 22:00	7.4	335	22.0	1006
7/25/25 23:00	4.6	340	21.0	1007
7/26/25 0:00	2.0	327	18.6	1008

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/24/25 8:00 to 8/7/25 10:00)**

7/26/25 1:00	1.7	326	17.1	1008
7/26/25 2:00	1.1	303	15.9	1009
7/26/25 3:00	2.8	294	15.0	1009
7/26/25 4:00	1.3	330	14.5	1010
7/26/25 5:00	1.9	343	14.3	1010
7/26/25 6:00	0.9	300	16.2	1011
7/26/25 7:00	1.6	287	18.0	1011
7/26/25 8:00	3.0	315	21.4	1012
7/26/25 9:00	3.9	314	23.3	1012
7/26/25 10:00	4.5	295	24.7	1012
7/26/25 11:00	4.8	295	25.8	1011
7/26/25 12:00	4.5	307	26.5	1011
7/26/25 13:00	3.7	317	27.1	1011
7/26/25 14:00	6.0	317	27.7	1010
7/26/25 15:00	4.4	326	28.4	1010
7/26/25 16:00	3.5	277	28.4	1010
7/26/25 17:00	3.0	296	27.9	1009
7/26/25 18:00	1.7	307	27.4	1009
7/26/25 19:00	0.8	319	23.9	1009
7/26/25 20:00	1.6	245	21.4	1010
7/26/25 21:00	0.9	272	19.1	1010
7/26/25 22:00	2.4	199	19.0	1010
7/26/25 23:00	2.4	185	17.8	1010
7/27/25 0:00	2.6	182	17.9	1010
7/27/25 1:00	2.4	188	17.1	1010
7/27/25 2:00	2.3	194	16.9	1009
7/27/25 3:00	2.3	186	16.1	1009
7/27/25 4:00	2.6	190	15.9	1009
7/27/25 5:00	2.1	182	15.9	1009
7/27/25 6:00	2.5	180	16.4	1009
7/27/25 7:00	3.7	190	18.1	1009
7/27/25 8:00	3.4	192	20.2	1008
7/27/25 9:00	3.0	198	22.5	1008
7/27/25 10:00	5.2	181	24.3	1008
7/27/25 11:00	5.8	178	26.1	1007
7/27/25 12:00	6.7	182	27.0	1006
7/27/25 13:00	6.8	181	25.5	1006
7/27/25 14:00	6.7	179	23.5	1006
7/27/25 15:00	5.5	175	22.0	1006
7/27/25 16:00	5.5	178	22.2	1005
7/27/25 17:00	4.8	187	22.9	1005
7/27/25 18:00	6.2	195	21.8	1005
7/27/25 19:00	4.7	202	20.4	1005
7/27/25 20:00	4.1	207	18.9	1006

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/24/25 8:00 to 8/7/25 10:00)**

7/27/25 21:00	4.2	210	18.9	1006
7/27/25 22:00	3.5	197	18.9	1006
7/27/25 23:00	2.9	183	18.0	1006
7/28/25 0:00	2.3	176	16.9	1006
7/28/25 1:00	2.4	183	16.9	1006
7/28/25 2:00	1.8	181	16.9	1006
7/28/25 3:00	2.2	197	16.8	1006
7/28/25 4:00	1.7	227	16.9	1006
7/28/25 5:00	2.3	189	16.9	1007
7/28/25 6:00	2.3	181	16.9	1006
7/28/25 7:00	2.6	218	17.1	1007
7/28/25 8:00	1.6	220	18.2	1008
7/28/25 9:00	1.3	200	20.1	1008
7/28/25 10:00	1.2	258	23.3	1008
7/28/25 11:00	1.9	204	26.8	1007
7/28/25 12:00	1.4	51	28.0	1007
7/28/25 13:00	1.7	182	29.0	1006
7/28/25 14:00	3.3	273	31.0	1006
7/28/25 15:00	3.9	283	31.9	1006
7/28/25 16:00	3.5	295	31.9	1006
7/28/25 17:00	3.1	326	31.5	1006
7/28/25 18:00	4.0	178	27.9	1006
7/28/25 19:00	4.3	175	25.2	1006
7/28/25 20:00	3.2	173	22.4	1006
7/28/25 21:00	2.3	160	21.6	1007
7/28/25 22:00	2.4	166	20.6	1007
7/28/25 23:00	1.6	180	19.2	1007
7/29/25 0:00	2.2	179	18.9	1006
7/29/25 1:00	2.6	171	18.0	1006
7/29/25 2:00	2.6	184	18.1	1006
7/29/25 3:00	2.6	198	17.9	1005
7/29/25 4:00	3.0	195	17.9	1005
7/29/25 5:00	2.6	188	17.9	1006
7/29/25 6:00	3.4	196	18.5	1005
7/29/25 7:00	2.6	205	20.6	1006
7/29/25 8:00	1.8	235	23.8	1006
7/29/25 9:00	2.3	231	27.3	1006
7/29/25 10:00	4.5	285	29.9	1006
7/29/25 11:00	4.7	272	30.7	1005
7/29/25 12:00	5.2	288	31.5	1005
7/29/25 13:00	4.0	287	32.1	1005
7/29/25 14:00	5.4	301	32.1	1004
7/29/25 15:00	5.4	310	33.0	1004
7/29/25 16:00	6.5	319	32.9	1004

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/24/25 8:00 to 8/7/25 10:00)**

7/29/25 17:00	6.5	328	32.1	1005
7/29/25 18:00	5.0	332	30.9	1005
7/29/25 19:00	3.1	324	28.5	1006
7/29/25 20:00	2.0	328	26.2	1006
7/29/25 21:00	2.7	319	24.7	1007
7/29/25 22:00	2.8	315	23.9	1007
7/29/25 23:00	2.9	263	23.0	1007
7/30/25 0:00	2.0	180	21.6	1008
7/30/25 1:00	2.0	338	20.4	1008
7/30/25 2:00	0.9	169	19.0	1008
7/30/25 3:00	0.4	340	17.2	1008
7/30/25 4:00	ND	ND	16.1	1008
7/30/25 5:00	0.3	358	16.0	1008
7/30/25 6:00	0.5	357	17.6	1008
7/30/25 7:00	1.5	309	20.3	1009
7/30/25 8:00	1.5	242	22.8	1008
7/30/25 9:00	2.1	213	24.1	1008
7/30/25 10:00	2.4	217	26.1	1008
7/30/25 11:00	3.2	260	27.8	1008
7/30/25 12:00	3.6	245	29.0	1007
7/30/25 13:00	3.9	235	30.2	1006
7/30/25 14:00	4.7	253	30.6	1006
7/30/25 15:00	4.5	208	30.6	1005
7/30/25 16:00	5.7	189	28.4	1005
7/30/25 17:00	4.3	185	27.4	1005
7/30/25 18:00	2.4	220	26.1	1006
7/30/25 19:00	2.6	242	25.7	1006
7/30/25 20:00	2.5	196	24.0	1006
7/30/25 21:00	2.4	176	23.2	1007
7/30/25 22:00	1.8	266	21.9	1007
7/30/25 23:00	2.2	293	22.8	1007
7/31/25 0:00	2.4	296	22.2	1007
7/31/25 1:00	2.1	283	21.9	1007
7/31/25 2:00	2.0	305	21.7	1008
7/31/25 3:00	1.1	341	20.9	1008
7/31/25 4:00	3.3	217	20.5	1008
7/31/25 5:00	3.1	183	19.1	1009
7/31/25 6:00	3.1	251	19.0	1010
7/31/25 7:00	3.7	50	18.8	1010
7/31/25 8:00	4.1	14	18.9	1011
7/31/25 9:00	4.9	20	19.4	1012
7/31/25 10:00	4.5	39	20.9	1012
7/31/25 11:00	3.4	149	20.9	1012
7/31/25 12:00	2.5	213	21.0	1012

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/24/25 8:00 to 8/7/25 10:00)**

7/31/25 13:00	2.3	172	21.7	1012
7/31/25 14:00	0.9	212	22.3	1012
7/31/25 15:00	0.7	311	22.0	1012
7/31/25 16:00	0.6	325	22.2	1012
7/31/25 17:00	2.0	83	21.9	1013
7/31/25 18:00	2.3	162	20.8	1013
7/31/25 19:00	0.5	312	19.3	1013
7/31/25 20:00	1.3	147	18.9	1014
7/31/25 21:00	1.0	284	18.2	1014
7/31/25 22:00	0.2	336	17.7	1014
7/31/25 23:00	ND	ND	17.1	1014
8/1/25 0:00	1.5	190	16.9	1015
8/1/25 1:00	1.2	313	15.9	1015
8/1/25 2:00	1.6	339	15.3	1014
8/1/25 3:00	2.1	51	14.2	1014
8/1/25 4:00	3.2	11	13.9	1015
8/1/25 5:00	3.5	115	13.5	1015
8/1/25 6:00	3.8	16	13.9	1016
8/1/25 7:00	3.9	22	15.7	1016
8/1/25 8:00	3.5	31	17.7	1016
8/1/25 9:00	4.0	69	19.8	1016
8/1/25 10:00	4.1	127	21.5	1016
8/1/25 11:00	4.5	62	22.5	1016
8/1/25 12:00	5.1	121	23.0	1015
8/1/25 13:00	4.8	158	23.7	1015
8/1/25 14:00	4.6	241	23.8	1015
8/1/25 15:00	4.0	151	23.9	1015
8/1/25 16:00	3.7	187	24.0	1014
8/1/25 17:00	3.4	190	23.9	1014
8/1/25 18:00	3.6	72	23.1	1015
8/1/25 19:00	2.7	71	22.1	1015
8/1/25 20:00	1.0	303	18.2	1015
8/1/25 21:00	0.8	348	15.5	1015
8/1/25 22:00	ND	ND	14.5	1015
8/1/25 23:00	2.1	350	13.2	1015
8/2/25 0:00	0.6	349	13.2	1015
8/2/25 1:00	ND	ND	11.4	1015
8/2/25 2:00	0.1	360	10.3	1015
8/2/25 3:00	0.1	360	9.6	1015
8/2/25 4:00	ND	ND	8.9	1015
8/2/25 5:00	ND	ND	8.5	1016
8/2/25 6:00	1.5	240	11.5	1016
8/2/25 7:00	1.9	210	14.2	1017
8/2/25 8:00	1.9	287	17.4	1017

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/24/25 8:00 to 8/7/25 10:00)**

8/2/25 9:00	3.3	323	20.5	1016
8/2/25 10:00	3.3	295	22.5	1016
8/2/25 11:00	4.9	307	23.6	1015
8/2/25 12:00	3.8	338	24.3	1015
8/2/25 13:00	3.2	304	25.3	1014
8/2/25 14:00	3.9	296	26.0	1014
8/2/25 15:00	3.6	302	26.2	1013
8/2/25 16:00	2.8	298	26.0	1013
8/2/25 17:00	2.5	301	25.9	1012
8/2/25 18:00	3.4	211	24.3	1012
8/2/25 19:00	3.4	184	21.5	1013
8/2/25 20:00	2.9	180	19.2	1013
8/2/25 21:00	3.6	194	18.6	1013
8/2/25 22:00	2.9	199	17.7	1013
8/2/25 23:00	2.1	186	16.9	1013
8/3/25 0:00	2.3	200	16.6	1013
8/3/25 1:00	1.7	193	15.6	1013
8/3/25 2:00	0.2	342	13.5	1012
8/3/25 3:00	1.1	221	12.6	1012
8/3/25 4:00	0.9	280	12.6	1012
8/3/25 5:00	0.6	291	13.0	1012
8/3/25 6:00	1.1	258	13.7	1013
8/3/25 7:00	2.3	205	16.5	1013
8/3/25 8:00	1.8	223	18.7	1013
8/3/25 9:00	2.4	225	21.8	1013
8/3/25 10:00	2.8	244	23.8	1012
8/3/25 11:00	3.9	189	26.1	1012
8/3/25 12:00	4.5	215	27.4	1011
8/3/25 13:00	4.9	229	27.6	1010
8/3/25 14:00	5.3	219	28.0	1010
8/3/25 15:00	4.6	231	27.6	1010
8/3/25 16:00	5.0	185	26.8	1010
8/3/25 17:00	5.1	207	26.6	1009
8/3/25 18:00	4.3	191	25.4	1010
8/3/25 19:00	3.9	182	23.0	1010
8/3/25 20:00	4.1	188	21.7	1010
8/3/25 21:00	4.0	198	20.7	1011
8/3/25 22:00	2.9	196	19.4	1011
8/3/25 23:00	2.8	195	18.7	1011
8/4/25 0:00	3.3	200	17.9	1011
8/4/25 1:00	1.0	270	16.4	1011
8/4/25 2:00	0.8	296	15.5	1011
8/4/25 3:00	0.9	263	14.7	1011
8/4/25 4:00	0.2	341	13.4	1010

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/24/25 8:00 to 8/7/25 10:00)**

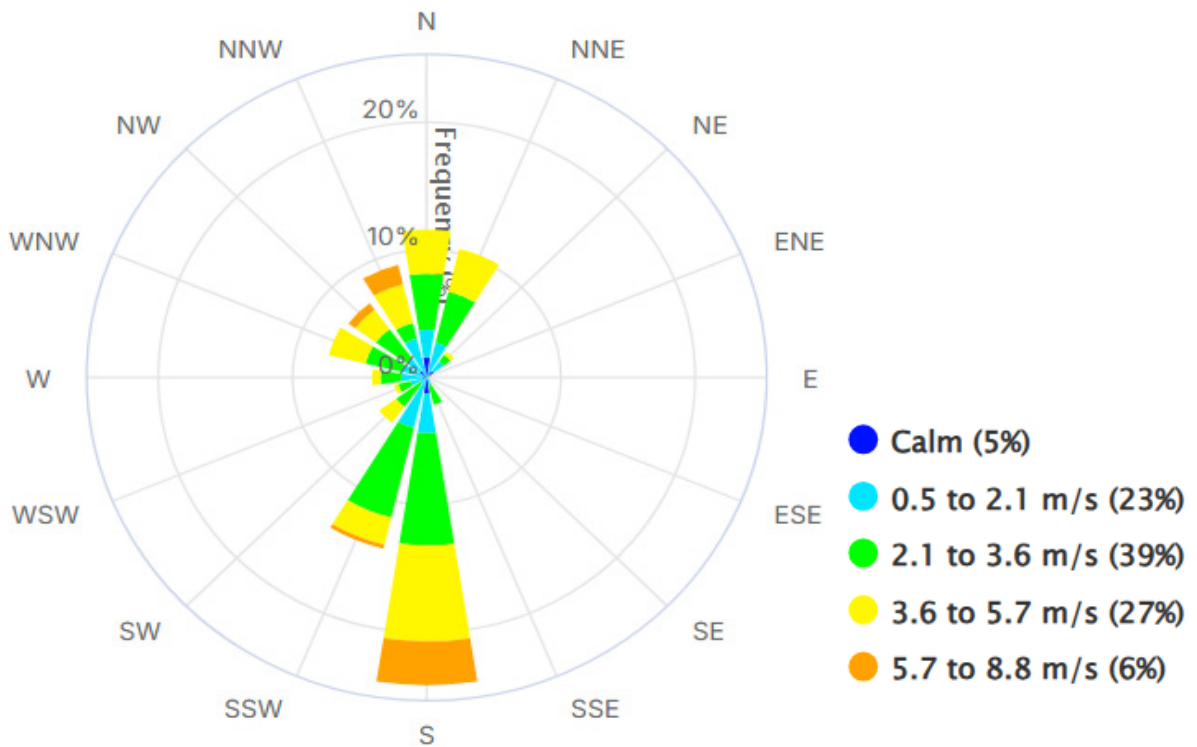
8/4/25 5:00	0.1	360	12.8	1011
8/4/25 6:00	0.2	339	14.5	1012
8/4/25 7:00	0.6	288	17.2	1012
8/4/25 8:00	0.4	300	19.1	1012
8/4/25 9:00	1.4	260	21.8	1012
8/4/25 10:00	2.3	231	24.6	1012
8/4/25 11:00	2.6	231	26.3	1012
8/4/25 12:00	2.9	222	27.7	1012
8/4/25 13:00	3.5	275	28.4	1012
8/4/25 14:00	3.7	303	28.9	1011
8/4/25 15:00	3.8	317	28.7	1011
8/4/25 16:00	4.7	313	28.2	1012
8/4/25 17:00	5.2	307	27.5	1012
8/4/25 18:00	6.4	343	26.2	1013
8/4/25 19:00	4.7	350	24.0	1014
8/4/25 20:00	5.2	344	22.8	1015
8/4/25 21:00	3.4	331	21.4	1015
8/4/25 22:00	3.2	338	20.9	1016
8/4/25 23:00	4.6	153	20.8	1017
8/5/25 0:00	4.6	19	19.2	1017
8/5/25 1:00	3.6	19	17.8	1018
8/5/25 2:00	3.7	47	16.5	1018
8/5/25 3:00	3.1	17	15.3	1018
8/5/25 4:00	3.3	286	13.8	1019
8/5/25 5:00	2.0	14	14.0	1020
8/5/25 6:00	2.8	119	14.0	1020
8/5/25 7:00	3.3	188	15.5	1021
8/5/25 8:00	3.0	23	17.3	1021
8/5/25 9:00	3.5	32	19.4	1021
8/5/25 10:00	3.4	104	21.6	1022
8/5/25 11:00	3.8	253	22.9	1022
8/5/25 12:00	4.3	317	23.5	1021
8/5/25 13:00	3.8	151	24.6	1021
8/5/25 14:00	3.2	310	25.1	1021
8/5/25 15:00	3.5	29	25.9	1020
8/5/25 16:00	3.6	116	26.2	1020
8/5/25 17:00	3.4	186	25.9	1020
8/5/25 18:00	3.3	160	25.3	1020
8/5/25 19:00	2.9	24	23.3	1020
8/5/25 20:00	2.3	16	21.6	1021
8/5/25 21:00	1.8	17	18.3	1021
8/5/25 22:00	0.8	355	16.3	1022
8/5/25 23:00	0.8	330	14.3	1022
8/6/25 0:00	0.5	347	13.5	1022

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (7/24/25 8:00 to 8/7/25 10:00)**

8/6/25 1:00	ND	ND	12.2	1022
8/6/25 2:00	ND	ND	11.6	1022
8/6/25 3:00	0.2	350	11.6	1023
8/6/25 4:00	ND	ND	10.8	1023
8/6/25 5:00	0.5	357	10.8	1024
8/6/25 6:00	0.3	289	12.9	1024
8/6/25 7:00	1.4	87	16.2	1024
8/6/25 8:00	1.0	177	18.9	1024
8/6/25 9:00	1.0	149	21.8	1024
8/6/25 10:00	1.8	270	23.5	1024
8/6/25 11:00	2.4	206	25.1	1024
8/6/25 12:00	3.3	83	25.9	1024
8/6/25 13:00	3.2	318	26.6	1023
8/6/25 14:00	2.3	268	26.8	1023
8/6/25 15:00	1.8	266	27.7	1022
8/6/25 16:00	1.4	259	28.0	1022
8/6/25 17:00	3.1	164	27.1	1022
8/6/25 18:00	4.7	187	24.2	1022
8/6/25 19:00	3.8	183	22.3	1022
8/6/25 20:00	2.4	190	20.8	1022
8/6/25 21:00	2.0	195	18.9	1022
8/6/25 22:00	1.7	196	18.3	1022
8/6/25 23:00	0.2	299	16.0	1023
8/7/25 0:00	0.0	316	15.0	1022
8/7/25 1:00	0.9	236	13.9	1022
8/7/25 2:00	ND	ND	13.2	1022
8/7/25 3:00	ND	ND	12.5	1022
8/7/25 4:00	ND	ND	12.2	1022
8/7/25 5:00	ND	ND	12.0	1022
8/7/25 6:00	ND	ND	13.6	1022
8/7/25 7:00	1.0	20	17.0	1022
8/7/25 8:00	1.7	204	19.4	1022
8/7/25 9:00	1.3	201	21.5	1022
8/7/25 10:00	1.0	263	23.3	1021

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (7/24/25 8:00 to 8/7/25 10:00)

BGR Wind Rose 7/24/25 8:00 - 8/7/25 10:00



IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/7/25 8:00 to 8/21/25 10:00)**

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
8/7/25 8:00	1.7	204	19.4	1022
8/7/25 9:00	1.3	201	21.5	1022
8/7/25 10:00	1.0	263	23.3	1021
8/7/25 11:00	1.2	181	25.7	1021
8/7/25 12:00	1.8	195	27.4	1020
8/7/25 13:00	2.7	227	28.3	1020
8/7/25 14:00	2.3	198	28.8	1019
8/7/25 15:00	2.0	222	29.1	1018
8/7/25 16:00	2.1	278	29.6	1018
8/7/25 17:00	1.3	225	28.8	1017
8/7/25 18:00	2.9	182	26.6	1018
8/7/25 19:00	3.4	179	23.7	1017
8/7/25 20:00	3.5	192	22.1	1018
8/7/25 21:00	2.8	201	20.7	1018
8/7/25 22:00	1.8	226	19.3	1018
8/7/25 23:00	2.0	186	18.0	1018
8/8/25 0:00	2.1	174	17.3	1018
8/8/25 1:00	1.2	234	15.8	1018
8/8/25 2:00	0.2	343	13.5	1018
8/8/25 3:00	ND	ND	13.6	1017
8/8/25 4:00	ND	ND	13.3	1017
8/8/25 5:00	ND	ND	12.5	1017
8/8/25 6:00	ND	ND	14.5	1017
8/8/25 7:00	1.3	203	17.7	1017
8/8/25 8:00	1.8	208	20.3	1017
8/8/25 9:00	1.4	237	23.0	1017
8/8/25 10:00	0.4	344	25.8	1017
8/8/25 11:00	3.1	174	27.7	1017
8/8/25 12:00	2.9	163	28.9	1017
8/8/25 13:00	3.5	188	29.8	1016
8/8/25 14:00	6.2	175	29.3	1016
8/8/25 15:00	6.5	176	28.5	1016
8/8/25 16:00	7.0	175	27.5	1015
8/8/25 17:00	6.6	178	26.2	1015
8/8/25 18:00	5.8	184	24.8	1015
8/8/25 19:00	4.5	182	22.8	1015
8/8/25 20:00	3.6	190	21.3	1016
8/8/25 21:00	3.0	197	19.7	1017
8/8/25 22:00	2.2	190	18.4	1017
8/8/25 23:00	1.7	227	17.2	1017
8/9/25 0:00	2.8	186	17.0	1017

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/7/25 8:00 to 8/21/25 10:00)**

8/9/25 1:00	2.3	189	16.4	1017
8/9/25 2:00	2.5	180	15.9	1016
8/9/25 3:00	2.4	183	15.9	1016
8/9/25 4:00	2.0	194	15.8	1016
8/9/25 5:00	1.5	206	14.5	1017
8/9/25 6:00	2.8	191	15.9	1017
8/9/25 7:00	3.2	187	17.5	1017
8/9/25 8:00	3.5	193	19.9	1017
8/9/25 9:00	3.3	198	22.2	1017
8/9/25 10:00	3.7	200	24.3	1017
8/9/25 11:00	4.0	170	26.3	1016
8/9/25 12:00	5.1	179	26.8	1016
8/9/25 13:00	5.1	181	27.5	1015
8/9/25 14:00	4.9	176	27.8	1015
8/9/25 15:00	6.5	174	26.9	1014
8/9/25 16:00	6.8	173	25.9	1014
8/9/25 17:00	6.6	176	24.5	1014
8/9/25 18:00	5.0	172	22.7	1015
8/9/25 19:00	4.6	174	20.9	1015
8/9/25 20:00	3.2	179	19.0	1015
8/9/25 21:00	2.3	186	18.0	1015
8/9/25 22:00	2.5	211	17.4	1016
8/9/25 23:00	2.7	195	16.9	1016
8/10/25 0:00	2.5	177	16.1	1016
8/10/25 1:00	2.0	186	15.9	1015
8/10/25 2:00	1.9	204	15.7	1015
8/10/25 3:00	1.2	226	15.8	1015
8/10/25 4:00	0.9	262	15.6	1015
8/10/25 5:00	1.1	259	15.5	1015
8/10/25 6:00	1.2	267	15.9	1015
8/10/25 7:00	2.0	197	17.2	1016
8/10/25 8:00	3.0	193	19.3	1016
8/10/25 9:00	2.9	186	21.6	1016
8/10/25 10:00	3.3	190	23.8	1016
8/10/25 11:00	3.2	171	26.4	1015
8/10/25 12:00	4.0	188	28.2	1015
8/10/25 13:00	4.9	190	29.7	1014
8/10/25 14:00	5.6	176	30.8	1014
8/10/25 15:00	6.2	179	30.5	1014
8/10/25 16:00	6.6	183	28.9	1013
8/10/25 17:00	5.4	177	27.6	1013
8/10/25 18:00	4.9	177	26.3	1014
8/10/25 19:00	4.1	185	23.9	1014
8/10/25 20:00	3.9	184	21.9	1014

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/7/25 8:00 to 8/21/25 10:00)**

8/10/25 21:00	3.6	185	20.8	1014
8/10/25 22:00	2.8	200	20.2	1014
8/10/25 23:00	3.4	186	19.2	1014
8/11/25 0:00	3.3	188	18.9	1014
8/11/25 1:00	2.9	182	18.9	1014
8/11/25 2:00	2.0	197	18.9	1014
8/11/25 3:00	1.8	188	18.8	1013
8/11/25 4:00	0.9	269	17.9	1014
8/11/25 5:00	1.0	230	18.0	1014
8/11/25 6:00	1.7	199	18.5	1014
8/11/25 7:00	1.6	219	20.7	1015
8/11/25 8:00	1.3	236	23.0	1014
8/11/25 9:00	1.1	230	26.1	1014
8/11/25 10:00	1.7	202	29.1	1014
8/11/25 11:00	2.2	189	32.0	1014
8/11/25 12:00	2.0	228	33.1	1013
8/11/25 13:00	2.7	209	34.2	1012
8/11/25 14:00	3.2	202	34.5	1011
8/11/25 15:00	5.6	193	33.9	1011
8/11/25 16:00	7.2	185	32.8	1011
8/11/25 17:00	6.3	184	31.7	1011
8/11/25 18:00	4.8	187	30.2	1011
8/11/25 19:00	3.9	188	27.8	1011
8/11/25 20:00	2.9	186	25.7	1011
8/11/25 21:00	2.5	192	24.0	1011
8/11/25 22:00	2.8	190	23.0	1011
8/11/25 23:00	1.6	232	22.3	1011
8/12/25 0:00	2.1	192	21.9	1011
8/12/25 1:00	2.4	193	21.6	1011
8/12/25 2:00	2.1	190	20.9	1010
8/12/25 3:00	1.6	250	20.4	1010
8/12/25 4:00	ND	ND	18.8	1010
8/12/25 5:00	ND	ND	18.1	1010
8/12/25 6:00	0.4	185	20.6	1010
8/12/25 7:00	0.6	288	22.7	1010
8/12/25 8:00	0.8	292	25.4	1011
8/12/25 9:00	0.9	259	28.0	1010
8/12/25 10:00	1.7	197	30.5	1010
8/12/25 11:00	1.4	242	32.5	1009
8/12/25 12:00	1.6	220	33.6	1009
8/12/25 13:00	1.3	285	33.4	1008
8/12/25 14:00	2.7	228	35.3	1007
8/12/25 15:00	3.1	211	35.6	1007
8/12/25 16:00	5.6	191	34.5	1006

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/7/25 8:00 to 8/21/25 10:00)**

8/12/25 17:00	5.5	186	32.8	1006
8/12/25 18:00	4.3	173	31.2	1006
8/12/25 19:00	3.5	172	28.7	1006
8/12/25 20:00	2.6	190	26.7	1007
8/12/25 21:00	2.6	183	25.5	1007
8/12/25 22:00	2.4	192	23.9	1007
8/12/25 23:00	2.2	181	22.8	1006
8/13/25 0:00	1.8	215	21.9	1006
8/13/25 1:00	1.9	186	20.8	1006
8/13/25 2:00	1.1	193	19.2	1006
8/13/25 3:00	ND	ND	18.8	1005
8/13/25 4:00	1.5	190	18.5	1005
8/13/25 5:00	1.3	204	18.1	1005
8/13/25 6:00	1.5	188	19.0	1005
8/13/25 7:00	1.9	190	21.8	1005
8/13/25 8:00	3.1	183	24.6	1005
8/13/25 9:00	3.2	182	26.9	1005
8/13/25 10:00	3.4	180	29.6	1004
8/13/25 11:00	4.6	187	31.3	1004
8/13/25 12:00	5.4	176	32.6	1003
8/13/25 13:00	6.3	185	32.6	1002
8/13/25 14:00	7.1	183	32.5	1002
8/13/25 15:00	7.6	181	32.2	1001
8/13/25 16:00	7.1	173	30.5	1001
8/13/25 17:00	6.4	178	28.1	1001
8/13/25 18:00	5.9	173	25.9	1002
8/13/25 19:00	4.8	178	23.3	1002
8/13/25 20:00	3.7	194	21.7	1003
8/13/25 21:00	3.5	176	20.9	1003
8/13/25 22:00	3.1	174	20.9	1003
8/13/25 23:00	3.7	173	20.9	1002
8/14/25 0:00	3.5	185	20.9	1002
8/14/25 1:00	2.2	200	20.9	1002
8/14/25 2:00	1.6	186	20.9	1002
8/14/25 3:00	2.0	188	20.9	1002
8/14/25 4:00	1.7	182	20.9	1002
8/14/25 5:00	1.5	220	20.5	1003
8/14/25 6:00	ND	ND	20.5	1003
8/14/25 7:00	0.4	340	21.4	1003
8/14/25 8:00	0.5	340	22.6	1004
8/14/25 9:00	0.4	327	24.0	1005
8/14/25 10:00	2.2	30	26.1	1005
8/14/25 11:00	2.0	106	27.9	1005
8/14/25 12:00	2.4	151	29.0	1004

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/7/25 8:00 to 8/21/25 10:00)**

8/14/25 13:00	2.3	166	29.2	1004
8/14/25 14:00	2.7	243	27.9	1005
8/14/25 15:00	1.5	143	27.6	1005
8/14/25 16:00	1.2	274	28.2	1005
8/14/25 17:00	2.7	201	26.4	1006
8/14/25 18:00	2.1	204	25.2	1007
8/14/25 19:00	2.9	152	24.2	1007
8/14/25 20:00	1.4	160	23.4	1008
8/14/25 21:00	0.3	316	22.4	1009
8/14/25 22:00	1.0	304	21.9	1009
8/14/25 23:00	2.9	245	21.9	1010
8/15/25 0:00	5.6	23	22.1	1010
8/15/25 1:00	4.4	59	21.0	1011
8/15/25 2:00	4.0	12	19.0	1011
8/15/25 3:00	3.6	14	17.8	1012
8/15/25 4:00	3.3	10	16.9	1013
8/15/25 5:00	3.6	13	16.3	1014
8/15/25 6:00	3.8	13	16.4	1014
8/15/25 7:00	4.4	20	17.5	1015
8/15/25 8:00	4.7	130	19.1	1016
8/15/25 9:00	4.3	103	21.1	1016
8/15/25 10:00	5.4	129	22.5	1015
8/15/25 11:00	4.4	248	23.8	1015
8/15/25 12:00	3.9	251	24.9	1015
8/15/25 13:00	3.2	220	26.1	1015
8/15/25 14:00	3.1	184	27.1	1014
8/15/25 15:00	2.6	101	27.7	1014
8/15/25 16:00	3.4	87	27.8	1014
8/15/25 17:00	2.2	140	27.9	1014
8/15/25 18:00	2.8	110	27.4	1014
8/15/25 19:00	0.3	290	21.8	1014
8/15/25 20:00	ND	ND	18.6	1014
8/15/25 21:00	1.0	228	17.1	1015
8/15/25 22:00	1.0	281	16.4	1015
8/15/25 23:00	ND	ND	14.9	1015
8/16/25 0:00	ND	ND	13.3	1015
8/16/25 1:00	ND	ND	13.0	1015
8/16/25 2:00	ND	ND	12.3	1014
8/16/25 3:00	ND	ND	11.8	1014
8/16/25 4:00	ND	ND	11.1	1015
8/16/25 5:00	ND	ND	11.0	1015
8/16/25 6:00	ND	ND	12.2	1015
8/16/25 7:00	1.7	162	15.9	1015
8/16/25 8:00	2.8	181	19.8	1014

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/7/25 8:00 to 8/21/25 10:00)**

8/16/25 9:00	3.6	182	23.1	1014
8/16/25 10:00	4.2	198	25.7	1013
8/16/25 11:00	4.6	173	27.1	1013
8/16/25 12:00	5.3	173	28.1	1012
8/16/25 13:00	5.6	183	28.7	1011
8/16/25 14:00	5.9	182	28.3	1010
8/16/25 15:00	7.5	175	27.6	1010
8/16/25 16:00	7.4	180	26.8	1010
8/16/25 17:00	6.7	177	25.6	1010
8/16/25 18:00	5.7	175	23.4	1009
8/16/25 19:00	4.6	174	21.4	1009
8/16/25 20:00	3.9	181	20.4	1009
8/16/25 21:00	3.3	196	18.9	1009
8/16/25 22:00	1.9	230	18.2	1009
8/16/25 23:00	2.3	209	17.6	1009
8/17/25 0:00	3.1	180	17.0	1008
8/17/25 1:00	2.2	235	16.7	1008
8/17/25 2:00	1.4	236	16.0	1007
8/17/25 3:00	2.1	176	15.9	1006
8/17/25 4:00	2.8	180	16.3	1006
8/17/25 5:00	2.5	185	16.9	1006
8/17/25 6:00	2.6	197	17.0	1006
8/17/25 7:00	3.4	173	18.3	1005
8/17/25 8:00	3.9	196	20.0	1005
8/17/25 9:00	3.4	197	22.4	1004
8/17/25 10:00	3.5	183	24.0	1004
8/17/25 11:00	3.9	181	26.4	1003
8/17/25 12:00	4.1	170	28.1	1002
8/17/25 13:00	4.7	186	28.9	1002
8/17/25 14:00	4.7	204	28.4	1001
8/17/25 15:00	6.7	128	20.6	1003
8/17/25 16:00	4.6	33	21.7	1004
8/17/25 17:00	4.3	186	20.8	1005
8/17/25 18:00	4.0	220	18.1	1006
8/17/25 19:00	5.6	47	17.4	1006
8/17/25 20:00	7.1	255	16.0	1007
8/17/25 21:00	6.0	47	15.0	1008
8/17/25 22:00	5.1	187	14.1	1008
8/17/25 23:00	3.6	315	13.4	1009
8/18/25 0:00	3.8	304	12.6	1010
8/18/25 1:00	3.5	343	11.9	1010
8/18/25 2:00	4.5	342	11.5	1010
8/18/25 3:00	3.2	325	10.2	1011
8/18/25 4:00	4.4	327	9.4	1011

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/7/25 8:00 to 8/21/25 10:00)**

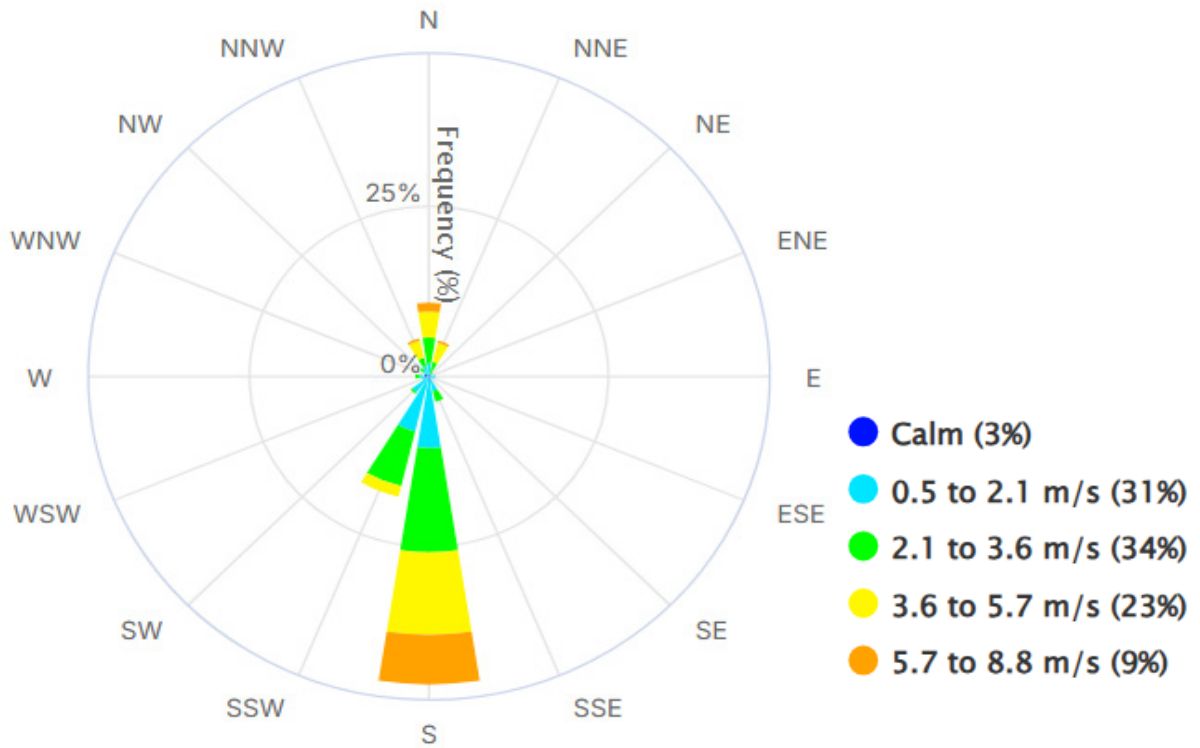
8/18/25 5:00	3.9	329	9.0	1012
8/18/25 6:00	3.4	333	9.8	1013
8/18/25 7:00	4.9	329	11.5	1013
8/18/25 8:00	4.8	339	13.2	1014
8/18/25 9:00	5.4	344	15.0	1014
8/18/25 10:00	5.7	244	16.5	1014
8/18/25 11:00	5.5	247	17.7	1014
8/18/25 12:00	6.4	341	19.0	1014
8/18/25 13:00	5.5	210	19.8	1014
8/18/25 14:00	6.3	245	20.9	1013
8/18/25 15:00	5.5	212	21.2	1013
8/18/25 16:00	5.7	318	21.8	1014
8/18/25 17:00	5.2	351	21.6	1014
8/18/25 18:00	5.2	337	20.5	1015
8/18/25 19:00	3.3	339	17.8	1015
8/18/25 20:00	2.7	332	15.7	1016
8/18/25 21:00	2.3	314	13.4	1016
8/18/25 22:00	2.1	83	13.7	1016
8/18/25 23:00	0.6	317	12.1	1017
8/19/25 0:00	ND	ND	10.3	1017
8/19/25 1:00	1.4	308	9.5	1017
8/19/25 2:00	0.4	337	8.7	1017
8/19/25 3:00	0.6	351	8.3	1018
8/19/25 4:00	0.5	345	7.7	1018
8/19/25 5:00	0.5	349	7.6	1018
8/19/25 6:00	1.3	316	9.0	1019
8/19/25 7:00	1.0	316	11.9	1019
8/19/25 8:00	1.8	79	13.6	1019
8/19/25 9:00	1.7	189	16.2	1019
8/19/25 10:00	2.5	232	18.1	1019
8/19/25 11:00	3.0	224	19.1	1018
8/19/25 12:00	2.9	100	20.0	1017
8/19/25 13:00	2.5	216	21.0	1017
8/19/25 14:00	2.0	110	21.7	1016
8/19/25 15:00	1.4	284	22.0	1015
8/19/25 16:00	2.3	249	22.2	1015
8/19/25 17:00	1.3	174	22.0	1015
8/19/25 18:00	2.5	173	21.0	1015
8/19/25 19:00	3.4	165	18.0	1015
8/19/25 20:00	3.1	176	16.4	1015
8/19/25 21:00	2.6	183	15.9	1015
8/19/25 22:00	2.9	192	15.7	1016
8/19/25 23:00	2.0	185	14.9	1016
8/20/25 0:00	1.4	202	13.9	1016

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/7/25 8:00 to 8/21/25 10:00)**

8/20/25 1:00	1.9	181	13.6	1015
8/20/25 2:00	1.5	213	13.3	1015
8/20/25 3:00	1.5	180	12.9	1015
8/20/25 4:00	1.5	215	12.7	1015
8/20/25 5:00	ND	ND	12.0	1015
8/20/25 6:00	ND	ND	12.5	1015
8/20/25 7:00	1.5	201	14.1	1015
8/20/25 8:00	2.6	201	16.0	1015
8/20/25 9:00	1.5	237	17.5	1016
8/20/25 10:00	1.4	221	18.9	1016
8/20/25 11:00	2.6	173	20.6	1015
8/20/25 12:00	1.9	168	21.1	1015
8/20/25 13:00	2.4	188	21.6	1015
8/20/25 14:00	2.9	188	21.3	1015
8/20/25 15:00	4.0	187	21.0	1014
8/20/25 16:00	3.9	188	20.9	1014
8/20/25 17:00	4.4	183	20.7	1014
8/20/25 18:00	3.6	188	19.3	1014
8/20/25 19:00	2.4	190	17.6	1015
8/20/25 20:00	2.0	182	16.0	1015
8/20/25 21:00	1.4	201	13.8	1015
8/20/25 22:00	1.8	203	13.2	1015
8/20/25 23:00	0.6	190	11.8	1015
8/21/25 0:00	ND	ND	10.2	1015
8/21/25 1:00	ND	ND	9.3	1014
8/21/25 2:00	ND	ND	8.9	1014
8/21/25 3:00	1.1	225	8.9	1014
8/21/25 4:00	0.9	270	8.6	1014
8/21/25 5:00	0.8	273	8.3	1014
8/21/25 6:00	ND	ND	8.9	1014
8/21/25 7:00	1.3	253	11.8	1014
8/21/25 8:00	1.4	220	14.5	1014
8/21/25 9:00	1.7	228	17.4	1014
8/21/25 10:00	1.4	107	19.7	1014

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (8/7/25 8:00 to 8/21/25 10:00)

BGR Wind Rose 8/7/25 8:00 - 8/21/25 10:00



IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/21/25 8:00 to 9/4/25 10:00)**

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
8/21/25 8:00	1.4	220	14.5	1014
8/21/25 9:00	1.7	228	17.4	1014
8/21/25 10:00	1.4	107	19.7	1014
8/21/25 11:00	1.8	119	21.4	1013
8/21/25 12:00	2.5	138	22.4	1012
8/21/25 13:00	2.7	164	23.5	1012
8/21/25 14:00	2.4	86	24.4	1011
8/21/25 15:00	0.7	262	24.8	1010
8/21/25 16:00	3.6	151	24.7	1010
8/21/25 17:00	4.8	181	22.6	1010
8/21/25 18:00	3.5	193	21.4	1010
8/21/25 19:00	2.4	195	19.3	1010
8/21/25 20:00	1.2	209	16.4	1010
8/21/25 21:00	0.8	275	13.8	1010
8/21/25 22:00	ND	ND	12.6	1009
8/21/25 23:00	ND	ND	11.9	1009
8/22/25 0:00	0.5	353	11.5	1009
8/22/25 1:00	0.7	352	10.3	1008
8/22/25 2:00	0.2	334	10.1	1008
8/22/25 3:00	ND	ND	9.4	1007
8/22/25 4:00	1.1	345	9.2	1007
8/22/25 5:00	0.3	325	9.3	1007
8/22/25 6:00	1.0	256	10.6	1008
8/22/25 7:00	2.6	252	13.7	1007
8/22/25 8:00	5.0	222	17.5	1007
8/22/25 9:00	4.3	87	20.6	1007
8/22/25 10:00	4.4	37	23.0	1007
8/22/25 11:00	5.2	186	24.3	1007
8/22/25 12:00	4.7	250	25.4	1007
8/22/25 13:00	5.3	261	26.1	1007
8/22/25 14:00	6.0	316	26.7	1006
8/22/25 15:00	5.3	221	27.0	1006
8/22/25 16:00	4.4	154	26.9	1006
8/22/25 17:00	2.7	134	26.7	1006
8/22/25 18:00	2.2	51	25.9	1006
8/22/25 19:00	0.2	329	21.1	1007
8/22/25 20:00	ND	ND	18.5	1008
8/22/25 21:00	2.8	218	17.9	1008
8/22/25 22:00	3.1	181	17.1	1009
8/22/25 23:00	2.9	179	16.2	1009
8/23/25 0:00	2.8	196	15.7	1009

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/21/25 8:00 to 9/4/25 10:00)**

8/23/25 1:00	2.8	178	14.7	1009
8/23/25 2:00	2.6	178	14.8	1009
8/23/25 3:00	1.1	267	13.9	1009
8/23/25 4:00	1.2	251	13.4	1009
8/23/25 5:00	1.3	201	12.8	1010
8/23/25 6:00	1.8	188	13.6	1010
8/23/25 7:00	2.0	214	15.9	1010
8/23/25 8:00	3.7	186	18.3	1010
8/23/25 9:00	4.5	184	21.4	1010
8/23/25 10:00	4.7	187	23.5	1010
8/23/25 11:00	6.0	186	24.9	1009
8/23/25 12:00	6.5	183	26.6	1009
8/23/25 13:00	6.7	173	27.3	1008
8/23/25 14:00	6.7	174	27.7	1008
8/23/25 15:00	7.9	181	26.4	1008
8/23/25 16:00	7.4	181	25.4	1008
8/23/25 17:00	7.0	175	23.5	1008
8/23/25 18:00	7.2	173	21.2	1008
8/23/25 19:00	6.5	176	19.1	1008
8/23/25 20:00	5.9	171	18.1	1009
8/23/25 21:00	6.9	173	18.0	1008
8/23/25 22:00	6.6	177	18.0	1008
8/23/25 23:00	5.7	173	17.1	1008
8/24/25 0:00	5.8	177	17.0	1009
8/24/25 1:00	5.5	169	17.0	1009
8/24/25 2:00	4.5	174	16.9	1008
8/24/25 3:00	4.8	177	17.0	1008
8/24/25 4:00	4.2	183	16.9	1008
8/24/25 5:00	4.6	182	16.9	1008
8/24/25 6:00	4.6	186	17.0	1008
8/24/25 7:00	5.2	187	18.1	1008
8/24/25 8:00	5.1	180	19.7	1008
8/24/25 9:00	5.4	181	21.4	1008
8/24/25 10:00	7.7	174	22.3	1008
8/24/25 11:00	8.4	174	23.7	1008
8/24/25 12:00	9.6	179	23.9	1007
8/24/25 13:00	9.8	180	23.9	1007
8/24/25 14:00	9.7	171	23.9	1007
8/24/25 15:00	7.6	182	23.6	1007
8/24/25 16:00	7.0	182	23.2	1007
8/24/25 17:00	6.4	172	21.9	1007
8/24/25 18:00	6.0	172	20.7	1007
8/24/25 19:00	5.7	173	19.1	1007
8/24/25 20:00	5.8	170	18.1	1007

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/21/25 8:00 to 9/4/25 10:00)**

8/24/25 21:00	5.9	165	18.0	1007
8/24/25 22:00	4.4	175	17.9	1007
8/24/25 23:00	4.2	169	17.9	1007
8/25/25 0:00	4.0	167	18.0	1006
8/25/25 1:00	4.9	177	17.9	1006
8/25/25 2:00	4.3	171	17.8	1006
8/25/25 3:00	3.2	166	17.9	1005
8/25/25 4:00	3.6	164	18.0	1005
8/25/25 5:00	3.8	175	18.0	1005
8/25/25 6:00	3.7	165	18.0	1004
8/25/25 7:00	3.3	151	18.7	1004
8/25/25 8:00	4.4	139	18.9	1004
8/25/25 9:00	3.9	159	18.9	1003
8/25/25 10:00	4.4	176	18.9	1003
8/25/25 11:00	5.4	181	19.1	1003
8/25/25 12:00	5.2	182	19.1	1002
8/25/25 13:00	5.3	176	19.0	1002
8/25/25 14:00	6.1	179	19.0	1001
8/25/25 15:00	4.5	188	19.0	1001
8/25/25 16:00	4.0	183	19.0	1001
8/25/25 17:00	4.4	158	19.0	1001
8/25/25 18:00	3.4	168	18.4	1001
8/25/25 19:00	3.5	181	18.0	1001
8/25/25 20:00	2.6	199	17.9	1002
8/25/25 21:00	2.3	192	17.9	1002
8/25/25 22:00	2.7	188	17.9	1002
8/25/25 23:00	2.0	213	17.8	1002
8/26/25 0:00	1.5	207	17.0	1002
8/26/25 1:00	1.3	225	17.6	1001
8/26/25 2:00	1.3	276	17.0	1001
8/26/25 3:00	1.8	244	16.9	1001
8/26/25 4:00	1.4	286	16.3	1001
8/26/25 5:00	2.5	247	16.0	1002
8/26/25 6:00	1.8	265	16.0	1002
8/26/25 7:00	1.1	282	16.5	1003
8/26/25 8:00	1.8	247	17.7	1003
8/26/25 9:00	2.9	287	19.9	1003
8/26/25 10:00	3.4	281	21.5	1003
8/26/25 11:00	3.5	264	22.0	1003
8/26/25 12:00	3.9	255	23.1	1003
8/26/25 13:00	4.3	255	23.2	1003
8/26/25 14:00	3.8	278	23.3	1003
8/26/25 15:00	4.6	269	23.7	1003
8/26/25 16:00	4.1	268	23.1	1004

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/21/25 8:00 to 9/4/25 10:00)**

8/26/25 17:00	4.1	271	22.5	1004
8/26/25 18:00	4.1	267	21.6	1005
8/26/25 19:00	2.3	259	19.8	1005
8/26/25 20:00	2.3	281	18.4	1006
8/26/25 21:00	1.8	268	16.1	1007
8/26/25 22:00	1.3	264	14.6	1007
8/26/25 23:00	1.1	258	13.0	1007
8/27/25 0:00	0.9	306	12.2	1007
8/27/25 1:00	ND	ND	10.7	1007
8/27/25 2:00	1.5	267	11.8	1007
8/27/25 3:00	1.9	256	11.9	1007
8/27/25 4:00	1.6	256	11.1	1007
8/27/25 5:00	1.2	289	10.4	1007
8/27/25 6:00	1.7	289	11.9	1008
8/27/25 7:00	1.7	288	14.1	1008
8/27/25 8:00	0.5	322	16.8	1008
8/27/25 9:00	2.8	288	18.8	1008
8/27/25 10:00	2.0	299	20.6	1007
8/27/25 11:00	3.2	294	21.6	1007
8/27/25 12:00	3.1	296	22.1	1006
8/27/25 13:00	3.5	277	21.7	1006
8/27/25 14:00	4.0	295	22.2	1006
8/27/25 15:00	3.0	317	22.0	1006
8/27/25 16:00	3.3	334	22.1	1006
8/27/25 17:00	2.5	329	21.1	1006
8/27/25 18:00	1.7	290	19.1	1006
8/27/25 19:00	2.5	198	16.7	1007
8/27/25 20:00	1.9	241	15.9	1008
8/27/25 21:00	1.7	280	15.5	1009
8/27/25 22:00	1.5	290	15.1	1009
8/27/25 23:00	2.6	257	13.9	1009
8/28/25 0:00	2.2	261	12.4	1009
8/28/25 1:00	2.7	267	12.9	1009
8/28/25 2:00	2.6	260	12.8	1009
8/28/25 3:00	1.6	227	11.8	1010
8/28/25 4:00	1.2	250	10.0	1010
8/28/25 5:00	ND	ND	8.9	1010
8/28/25 6:00	ND	ND	10.0	1011
8/28/25 7:00	0.3	322	12.6	1011
8/28/25 8:00	1.7	272	15.7	1012
8/28/25 9:00	1.8	252	17.9	1012
8/28/25 10:00	2.2	262	20.4	1012
8/28/25 11:00	2.5	225	21.7	1012
8/28/25 12:00	4.1	226	22.7	1011

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/21/25 8:00 to 9/4/25 10:00)**

8/28/25 13:00	4.2	219	23.5	1011
8/28/25 14:00	5.4	178	23.3	1010
8/28/25 15:00	6.3	179	23.1	1010
8/28/25 16:00	6.9	176	22.3	1010
8/28/25 17:00	6.6	178	21.4	1010
8/28/25 18:00	5.6	177	19.1	1010
8/28/25 19:00	3.8	169	17.3	1011
8/28/25 20:00	3.2	165	15.8	1011
8/28/25 21:00	2.4	161	14.5	1011
8/28/25 22:00	1.9	173	14.0	1011
8/28/25 23:00	1.7	148	13.1	1011
8/29/25 0:00	0.3	ND	12.6	1011
8/29/25 1:00	1.3	160	12.8	1010
8/29/25 2:00	0.8	320	12.4	1010
8/29/25 3:00	ND	ND	11.2	1010
8/29/25 4:00	1.5	150	12.1	1009
8/29/25 5:00	2.0	149	14.6	1010
8/29/25 6:00	3.1	170	15.9	1010
8/29/25 7:00	3.1	187	16.5	1010
8/29/25 8:00	4.1	178	17.7	1010
8/29/25 9:00	4.9	177	19.2	1009
8/29/25 10:00	4.9	175	21.1	1009
8/29/25 11:00	7.1	185	20.0	1009
8/29/25 12:00	4.5	190	16.8	1009
8/29/25 13:00	5.1	147	16.5	1009
8/29/25 14:00	3.1	153	16.4	1009
8/29/25 15:00	4.5	134	17.3	1008
8/29/25 16:00	3.4	154	17.9	1008
8/29/25 17:00	3.9	186	17.9	1008
8/29/25 18:00	3.5	170	17.8	1008
8/29/25 19:00	2.1	162	16.9	1007
8/29/25 20:00	2.4	142	16.9	1007
8/29/25 21:00	2.5	137	16.6	1006
8/29/25 22:00	2.3	149	15.9	1006
8/29/25 23:00	2.1	162	15.9	1006
8/30/25 0:00	1.6	148	15.9	1006
8/30/25 1:00	1.6	160	15.9	1006
8/30/25 2:00	2.1	130	15.3	1005
8/30/25 3:00	2.2	140	15.6	1005
8/30/25 4:00	1.6	137	15.2	1004
8/30/25 5:00	1.9	144	15.8	1004
8/30/25 6:00	2.2	160	15.5	1005
8/30/25 7:00	2.3	194	15.8	1005
8/30/25 8:00	3.1	212	16.0	1005

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/21/25 8:00 to 9/4/25 10:00)**

8/30/25 9:00	2.8	254	16.6	1005
8/30/25 10:00	4.2	309	17.3	1005
8/30/25 11:00	4.0	311	18.1	1005
8/30/25 12:00	4.0	290	18.3	1006
8/30/25 13:00	3.5	282	19.0	1006
8/30/25 14:00	3.4	283	19.5	1006
8/30/25 15:00	3.5	280	20.1	1006
8/30/25 16:00	2.9	282	20.6	1006
8/30/25 17:00	4.1	253	19.9	1006
8/30/25 18:00	2.5	281	17.7	1007
8/30/25 19:00	2.4	265	16.3	1008
8/30/25 20:00	3.1	246	15.9	1009
8/30/25 21:00	2.6	249	14.9	1009
8/30/25 22:00	2.5	258	13.3	1010
8/30/25 23:00	2.0	247	12.2	1010
8/31/25 0:00	2.5	263	11.7	1010
8/31/25 1:00	0.5	328	10.6	1010
8/31/25 2:00	1.5	300	9.8	1010
8/31/25 3:00	1.6	272	9.4	1011
8/31/25 4:00	ND	ND	8.3	1011
8/31/25 5:00	1.8	230	8.5	1012
8/31/25 6:00	2.8	265	10.7	1012
8/31/25 7:00	2.2	264	12.3	1013
8/31/25 8:00	2.7	289	14.8	1013
8/31/25 9:00	3.3	318	17.2	1014
8/31/25 10:00	2.4	342	18.8	1014
8/31/25 11:00	2.5	269	20.8	1014
8/31/25 12:00	2.2	299	21.4	1014
8/31/25 13:00	3.0	272	22.9	1013
8/31/25 14:00	3.2	267	23.9	1013
8/31/25 15:00	4.1	299	24.7	1013
8/31/25 16:00	3.8	211	24.3	1013
8/31/25 17:00	3.0	329	24.2	1014
8/31/25 18:00	2.3	325	22.6	1014
8/31/25 19:00	1.9	298	19.3	1015
8/31/25 20:00	0.8	330	18.0	1015
8/31/25 21:00	0.1	360	15.7	1016
8/31/25 22:00	ND	ND	15.1	1016
8/31/25 23:00	ND	ND	13.3	1016
9/1/25 0:00	ND	ND	12.8	1017
9/1/25 1:00	ND	ND	12.2	1017
9/1/25 2:00	1.3	ND	11.5	1017
9/1/25 3:00	ND	ND	10.9	1017
9/1/25 4:00	0.6	350	10.7	1018

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/21/25 8:00 to 9/4/25 10:00)**

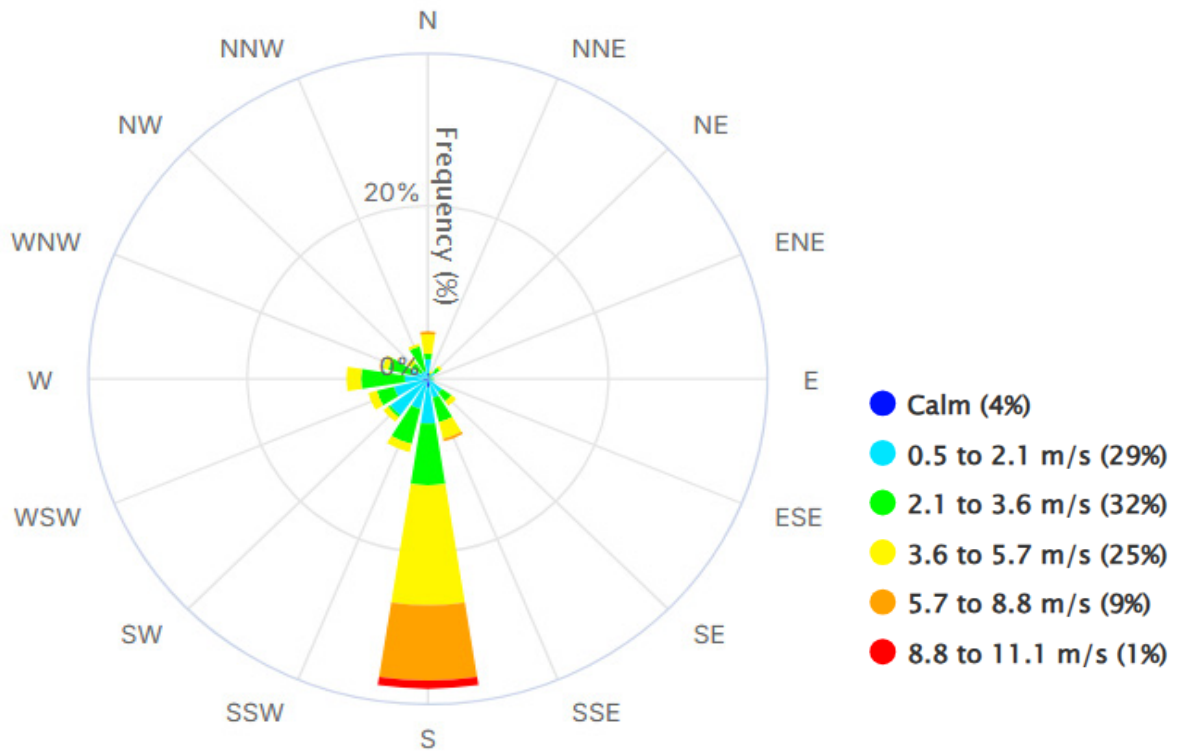
9/1/25 5:00	ND	ND	10.1	1018
9/1/25 6:00	0.0	359	10.5	1018
9/1/25 7:00	0.5	360	13.6	1019
9/1/25 8:00	1.3	228	16.8	1019
9/1/25 9:00	1.7	163	19.2	1019
9/1/25 10:00	1.7	292	22.0	1019
9/1/25 11:00	1.7	171	23.6	1019
9/1/25 12:00	2.1	228	24.8	1019
9/1/25 13:00	3.0	265	25.9	1018
9/1/25 14:00	2.6	187	26.1	1018
9/1/25 15:00	1.5	244	26.4	1017
9/1/25 16:00	0.9	273	25.9	1017
9/1/25 17:00	2.6	200	25.9	1017
9/1/25 18:00	2.5	265	24.5	1017
9/1/25 19:00	2.6	186	20.9	1017
9/1/25 20:00	2.2	191	18.9	1017
9/1/25 21:00	2.0	185	18.0	1017
9/1/25 22:00	1.8	237	16.9	1017
9/1/25 23:00	0.3	319	14.3	1017
9/2/25 0:00	1.5	210	14.1	1017
9/2/25 1:00	ND	ND	13.3	1016
9/2/25 2:00	ND	ND	12.9	1016
9/2/25 3:00	ND	ND	12.8	1016
9/2/25 4:00	ND	ND	12.0	1016
9/2/25 5:00	0.6	337	12.2	1016
9/2/25 6:00	ND	ND	12.5	1016
9/2/25 7:00	ND	ND	14.1	1016
9/2/25 8:00	ND	ND	16.6	1016
9/2/25 9:00	0.0	ND	18.6	1015
9/2/25 10:00	0.9	110	20.9	1015
9/2/25 11:00	0.7	225	22.7	1014
9/2/25 12:00	0.6	340	24.2	1014
9/2/25 13:00	1.5	260	25.5	1013
9/2/25 14:00	1.3	273	25.4	1012
9/2/25 15:00	1.7	219	25.7	1012
9/2/25 16:00	3.1	195	25.8	1011
9/2/25 17:00	3.3	187	25.1	1011
9/2/25 18:00	3.8	189	22.6	1011
9/2/25 19:00	3.6	179	20.3	1011
9/2/25 20:00	2.9	174	18.4	1011
9/2/25 21:00	2.7	176	17.3	1011
9/2/25 22:00	2.0	189	15.9	1010
9/2/25 23:00	0.8	251	14.2	1010
9/3/25 0:00	1.6	182	13.7	1010

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (8/21/25 8:00 to 9/4/25 10:00)**

9/3/25 1:00	1.1	236	13.2	1010
9/3/25 2:00	0.4	318	12.5	1009
9/3/25 3:00	ND	ND	12.0	1009
9/3/25 4:00	2.4	186	12.7	1009
9/3/25 5:00	2.8	186	13.0	1008
9/3/25 6:00	1.8	186	13.4	1009
9/3/25 7:00	2.2	188	13.9	1008
9/3/25 8:00	3.5	197	15.3	1008
9/3/25 9:00	4.1	203	16.9	1008
9/3/25 10:00	4.4	196	19.6	1008
9/3/25 11:00	3.3	192	21.4	1008
9/3/25 12:00	4.6	182	22.5	1007
9/3/25 13:00	4.7	183	23.2	1006
9/3/25 14:00	4.9	181	23.9	1005
9/3/25 15:00	5.4	194	23.3	1005
9/3/25 16:00	5.6	189	22.7	1005
9/3/25 17:00	6.1	187	21.4	1005
9/3/25 18:00	4.9	175	19.4	1005
9/3/25 19:00	4.4	180	17.8	1005
9/3/25 20:00	4.7	186	16.9	1005
9/3/25 21:00	2.4	182	16.1	1006
9/3/25 22:00	1.9	188	15.5	1006
9/3/25 23:00	0.4	324	13.9	1006
9/4/25 0:00	1.1	248	13.8	1006
9/4/25 1:00	2.2	201	13.6	1006
9/4/25 2:00	2.4	195	14.0	1006
9/4/25 3:00	2.0	228	13.9	1006
9/4/25 4:00	1.7	220	14.0	1006
9/4/25 5:00	0.3	323	13.9	1006
9/4/25 6:00	0.6	325	14.8	1006
9/4/25 7:00	1.6	202	15.8	1007
9/4/25 8:00	2.4	203	16.6	1007
9/4/25 9:00	3.0	202	18.9	1007
9/4/25 10:00	3.5	189	21.2	1007

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (8/21/25 8:00 to 9/4/25 10:00)

BGR Wind Rose 8/21/25 8:00 - 9/4/25 10:00



IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/4/25 8:00 to 9/18/25 10:00)**

Date & Time	Wind Speed	Wind Direction	Temperature	Barometric Pressure
	m/s	Deg.	°C	mb
9/4/25 8:00	2.4	203	16.6	1007
9/4/25 9:00	3.0	202	18.9	1007
9/4/25 10:00	3.5	189	21.2	1007
9/4/25 11:00	4.5	184	22.6	1006
9/4/25 12:00	5.8	180	23.7	1006
9/4/25 13:00	6.5	180	23.9	1006
9/4/25 14:00	6.3	197	23.9	1005
9/4/25 15:00	6.5	190	23.2	1005
9/4/25 16:00	6.0	181	22.5	1005
9/4/25 17:00	5.8	188	21.3	1005
9/4/25 18:00	5.1	189	19.3	1005
9/4/25 19:00	5.2	176	17.3	1005
9/4/25 20:00	3.1	169	16.6	1006
9/4/25 21:00	2.9	177	15.9	1006
9/4/25 22:00	2.7	177	16.0	1006
9/4/25 23:00	2.9	162	15.9	1006
9/5/25 0:00	2.3	157	16.2	1006
9/5/25 1:00	3.2	175	17.0	1006
9/5/25 2:00	3.8	169	17.0	1006
9/5/25 3:00	3.4	164	17.0	1006
9/5/25 4:00	4.6	165	17.2	1006
9/5/25 5:00	4.6	177	17.9	1007
9/5/25 6:00	4.8	177	17.9	1007
9/5/25 7:00	5.2	179	18.0	1007
9/5/25 8:00	4.7	169	18.0	1007
9/5/25 9:00	5.7	176	18.2	1008
9/5/25 10:00	5.4	177	19.2	1008
9/5/25 11:00	6.1	173	21.3	1007
9/5/25 12:00	6.1	179	22.0	1007
9/5/25 13:00	7.1	181	21.0	1007
9/5/25 14:00	7.3	178	20.3	1007
9/5/25 15:00	6.7	178	20.2	1006
9/5/25 16:00	6.0	179	19.3	1006
9/5/25 17:00	5.4	179	19.0	1006
9/5/25 18:00	4.7	175	19.0	1006
9/5/25 19:00	6.0	172	18.4	1006
9/5/25 20:00	6.0	171	18.0	1006
9/5/25 21:00	5.2	174	18.0	1006
9/5/25 22:00	4.8	170	18.4	1006
9/5/25 23:00	3.7	175	18.8	1006
9/6/25 0:00	3.3	168	18.1	1006

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/4/25 8:00 to 9/18/25 10:00)**

9/6/25 1:00	3.4	183	18.0	1005
9/6/25 2:00	4.1	180	18.0	1005
9/6/25 3:00	4.2	175	18.0	1006
9/6/25 4:00	4.2	184	18.0	1006
9/6/25 5:00	4.0	181	18.0	1006
9/6/25 6:00	2.5	213	18.4	1007
9/6/25 7:00	2.4	180	18.9	1008
9/6/25 8:00	2.7	193	19.4	1008
9/6/25 9:00	2.4	167	20.7	1008
9/6/25 10:00	2.9	186	21.5	1008
9/6/25 11:00	4.0	168	22.5	1008
9/6/25 12:00	4.6	174	23.7	1007
9/6/25 13:00	5.2	170	24.0	1006
9/6/25 14:00	5.4	192	24.3	1006
9/6/25 15:00	5.5	171	23.9	1005
9/6/25 16:00	6.1	174	22.9	1004
9/6/25 17:00	6.2	201	20.7	1005
9/6/25 18:00	5.3	341	16.5	1007
9/6/25 19:00	3.7	179	15.8	1007
9/6/25 20:00	3.4	32	14.8	1008
9/6/25 21:00	3.5	156	14.1	1008
9/6/25 22:00	3.1	194	14.0	1008
9/6/25 23:00	1.9	72	14.0	1008
9/7/25 0:00	2.0	310	14.0	1009
9/7/25 1:00	2.2	329	14.0	1009
9/7/25 2:00	2.2	336	14.0	1008
9/7/25 3:00	1.1	334	14.0	1008
9/7/25 4:00	1.5	353	14.0	1009
9/7/25 5:00	1.0	ND	14.0	1009
9/7/25 6:00	ND	ND	14.0	1009
9/7/25 7:00	ND	ND	14.0	1010
9/7/25 8:00	0.4	315	14.1	1010
9/7/25 9:00	1.9	164	14.9	1010
9/7/25 10:00	2.1	179	14.8	1010
9/7/25 11:00	2.3	156	14.9	1010
9/7/25 12:00	1.9	176	14.8	1010
9/7/25 13:00	3.1	191	14.9	1009
9/7/25 14:00	2.1	188	15.0	1008
9/7/25 15:00	1.2	210	15.4	1008
9/7/25 16:00	1.7	248	15.9	1008
9/7/25 17:00	1.7	260	16.0	1008
9/7/25 18:00	ND	ND	15.3	1008
9/7/25 19:00	1.0	267	14.4	1009
9/7/25 20:00	2.0	187	14.0	1009

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/4/25 8:00 to 9/18/25 10:00)**

9/7/25 21:00	1.9	246	14.0	1010
9/7/25 22:00	1.5	217	14.0	1011
9/7/25 23:00	2.3	218	13.9	1011
9/8/25 0:00	1.0	273	13.9	1011
9/8/25 1:00	1.0	293	13.9	1011
9/8/25 2:00	1.9	255	13.4	1012
9/8/25 3:00	2.4	260	12.9	1012
9/8/25 4:00	2.1	282	11.9	1013
9/8/25 5:00	2.0	274	11.0	1013
9/8/25 6:00	2.5	262	10.9	1014
9/8/25 7:00	2.3	257	12.1	1015
9/8/25 8:00	2.6	280	14.2	1016
9/8/25 9:00	3.2	295	16.2	1016
9/8/25 10:00	2.9	286	17.4	1016
9/8/25 11:00	2.7	281	18.3	1016
9/8/25 12:00	3.5	294	18.7	1016
9/8/25 13:00	3.4	287	19.1	1016
9/8/25 14:00	3.8	293	19.0	1016
9/8/25 15:00	2.9	281	19.7	1016
9/8/25 16:00	2.8	285	19.0	1016
9/8/25 17:00	1.6	289	18.8	1017
9/8/25 18:00	0.3	326	16.3	1017
9/8/25 19:00	0.4	349	13.4	1017
9/8/25 20:00	0.6	284	12.4	1018
9/8/25 21:00	ND	ND	11.5	1019
9/8/25 22:00	ND	ND	11.2	1019
9/8/25 23:00	0.5	320	10.8	1020
9/9/25 0:00	ND	ND	9.6	1020
9/9/25 1:00	ND	ND	8.3	1021
9/9/25 2:00	ND	ND	7.4	1021
9/9/25 3:00	ND	ND	6.8	1021
9/9/25 4:00	ND	ND	6.4	1021
9/9/25 5:00	ND	ND	6.2	1021
9/9/25 6:00	0.5	300	6.2	1022
9/9/25 7:00	ND	ND	7.9	1022
9/9/25 8:00	2.1	280	10.2	1023
9/9/25 9:00	2.1	280	12.5	1023
9/9/25 10:00	0.3	ND	17.4	1023
9/9/25 11:00	0.7	223	18.8	1022
9/9/25 12:00	1.9	225	19.6	1022
9/9/25 13:00	1.8	274	20.6	1022
9/9/25 14:00	2.6	229	21.1	1021
9/9/25 15:00	3.0	174	21.1	1021
9/9/25 16:00	3.4	185	20.7	1021

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/4/25 8:00 to 9/18/25 10:00)**

9/9/25 17:00	4.3	190	19.3	1021
9/9/25 18:00	3.4	194	17.4	1021
9/9/25 19:00	2.1	185	15.5	1021
9/9/25 20:00	2.0	182	13.9	1021
9/9/25 21:00	1.5	183	12.8	1021
9/9/25 22:00	0.3	314	11.0	1021
9/9/25 23:00	ND	ND	9.0	1021
9/10/25 0:00	1.5	170	9.0	1021
9/10/25 1:00	2.0	177	9.8	1021
9/10/25 2:00	ND	ND	7.9	1021
9/10/25 3:00	0.4	309	7.4	1021
9/10/25 4:00	0.2	340	6.9	1020
9/10/25 5:00	ND	ND	7.0	1020
9/10/25 6:00	ND	ND	6.7	1020
9/10/25 7:00	ND	ND	7.6	1021
9/10/25 8:00	ND	ND	9.4	1020
9/10/25 9:00	1.0	ND	13.5	1020
9/10/25 10:00	1.5	146	17.4	1020
9/10/25 11:00	1.6	200	18.8	1019
9/10/25 12:00	2.1	167	19.6	1018
9/10/25 13:00	2.2	210	20.6	1017
9/10/25 14:00	2.0	197	21.0	1016
9/10/25 15:00	3.0	206	21.2	1016
9/10/25 16:00	2.5	171	21.0	1015
9/10/25 17:00	2.3	183	20.8	1014
9/10/25 18:00	2.5	186	19.1	1014
9/10/25 19:00	2.4	172	16.9	1014
9/10/25 20:00	2.1	193	14.9	1014
9/10/25 21:00	1.0	250	12.4	1013
9/10/25 22:00	0.9	310	11.3	1013
9/10/25 23:00	0.3	330	10.2	1013
9/11/25 0:00	ND	ND	8.9	1012
9/11/25 1:00	ND	ND	8.4	1012
9/11/25 2:00	ND	ND	7.4	1011
9/11/25 3:00	ND	ND	6.9	1010
9/11/25 4:00	0.1	360	6.7	1010
9/11/25 5:00	0.2	355	6.2	1010
9/11/25 6:00	ND	ND	6.6	1010
9/11/25 7:00	1.5	340	9.4	1010
9/11/25 8:00	0.2	355	12.5	1010
9/11/25 9:00	1.1	339	16.3	1010
9/11/25 10:00	1.7	196	18.8	1010
9/11/25 11:00	3.2	311	21.8	1010
9/11/25 12:00	3.6	242	23.0	1010

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/4/25 8:00 to 9/18/25 10:00)**

9/11/25 13:00	4.9	346	23.3	1009
9/11/25 14:00	6.3	316	23.3	1009
9/11/25 15:00	7.3	304	23.8	1009
9/11/25 16:00	6.2	345	23.4	1010
9/11/25 17:00	4.5	344	22.9	1010
9/11/25 18:00	4.0	339	20.9	1010
9/11/25 19:00	4.0	242	18.5	1011
9/11/25 20:00	2.7	185	17.4	1012
9/11/25 21:00	3.6	220	16.8	1012
9/11/25 22:00	3.8	80	15.8	1013
9/11/25 23:00	1.4	193	13.2	1013
9/12/25 0:00	0.3	355	11.2	1014
9/12/25 1:00	0.6	330	9.9	1014
9/12/25 2:00	0.0	360	8.7	1015
9/12/25 3:00	0.6	289	8.5	1015
9/12/25 4:00	ND	ND	6.9	1015
9/12/25 5:00	0.2	352	6.5	1016
9/12/25 6:00	0.3	347	6.8	1016
9/12/25 7:00	0.9	326	9.5	1017
9/12/25 8:00	2.7	308	12.4	1017
9/12/25 9:00	3.5	89	15.1	1017
9/12/25 10:00	2.4	148	16.4	1017
9/12/25 11:00	3.2	279	17.7	1017
9/12/25 12:00	4.2	329	19.1	1016
9/12/25 13:00	3.8	312	20.4	1016
9/12/25 14:00	4.1	315	20.9	1015
9/12/25 15:00	2.8	260	21.3	1015
9/12/25 16:00	3.1	310	21.6	1015
9/12/25 17:00	1.9	330	20.8	1015
9/12/25 18:00	1.2	308	16.3	1015
9/12/25 19:00	ND	ND	13.5	1015
9/12/25 20:00	ND	ND	12.1	1015
9/12/25 21:00	ND	343	11.1	1015
9/12/25 22:00	0.5	305	9.5	1015
9/12/25 23:00	1.5	230	8.1	1015
9/13/25 0:00	0.8	290	8.3	1015
9/13/25 1:00	ND	ND	7.4	1015
9/13/25 2:00	ND	ND	6.8	1015
9/13/25 3:00	ND	ND	6.6	1015
9/13/25 4:00	ND	ND	6.6	1015
9/13/25 5:00	ND	ND	6.4	1015
9/13/25 6:00	0.8	317	6.9	1015
9/13/25 7:00	2.4	190	9.2	1014
9/13/25 8:00	2.0	167	12.7	1014

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/4/25 8:00 to 9/18/25 10:00)**

9/13/25 9:00	3.6	175	16.5	1014
9/13/25 10:00	4.8	186	18.2	1014
9/13/25 11:00	5.0	181	19.0	1013
9/13/25 12:00	4.0	178	20.1	1013
9/13/25 13:00	5.1	190	20.6	1012
9/13/25 14:00	5.0	177	20.6	1011
9/13/25 15:00	5.2	179	20.2	1011
9/13/25 16:00	5.9	174	18.8	1010
9/13/25 17:00	5.4	175	17.7	1010
9/13/25 18:00	4.2	181	16.6	1010
9/13/25 19:00	3.5	177	15.9	1010
9/13/25 20:00	2.6	190	15.1	1010
9/13/25 21:00	2.2	191	14.0	1011
9/13/25 22:00	2.5	198	13.8	1011
9/13/25 23:00	1.8	226	12.9	1010
9/14/25 0:00	0.7	261	12.1	1010
9/14/25 1:00	1.5	181	11.5	1010
9/14/25 2:00	1.1	240	10.1	1009
9/14/25 3:00	1.6	198	10.3	1009
9/14/25 4:00	1.4	210	11.4	1009
9/14/25 5:00	0.4	318	11.9	1009
9/14/25 6:00	1.6	186	12.1	1009
9/14/25 7:00	1.5	188	13.0	1009
9/14/25 8:00	2.1	196	14.0	1009
9/14/25 9:00	1.4	271	16.3	1009
9/14/25 10:00	1.0	250	18.8	1009
9/14/25 11:00	2.1	186	21.2	1009
9/14/25 12:00	2.2	205	22.8	1009
9/14/25 13:00	3.2	274	23.4	1009
9/14/25 14:00	2.1	270	23.8	1009
9/14/25 15:00	4.9	253	20.2	1009
9/14/25 16:00	0.3	352	21.2	1010
9/14/25 17:00	ND	ND	21.0	1010
9/14/25 18:00	0.2	356	18.7	1010
9/14/25 19:00	1.4	228	18.4	1011
9/14/25 20:00	ND	ND	17.9	1012
9/14/25 21:00	2.3	70	17.8	1013
9/14/25 22:00	3.1	185	17.9	1013
9/14/25 23:00	3.6	81	16.7	1014
9/15/25 0:00	3.3	243	15.3	1014
9/15/25 1:00	3.4	152	13.8	1015
9/15/25 2:00	1.4	355	12.0	1015
9/15/25 3:00	0.9	242	10.4	1016
9/15/25 4:00	0.7	344	10.4	1016

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/4/25 8:00 to 9/18/25 10:00)**

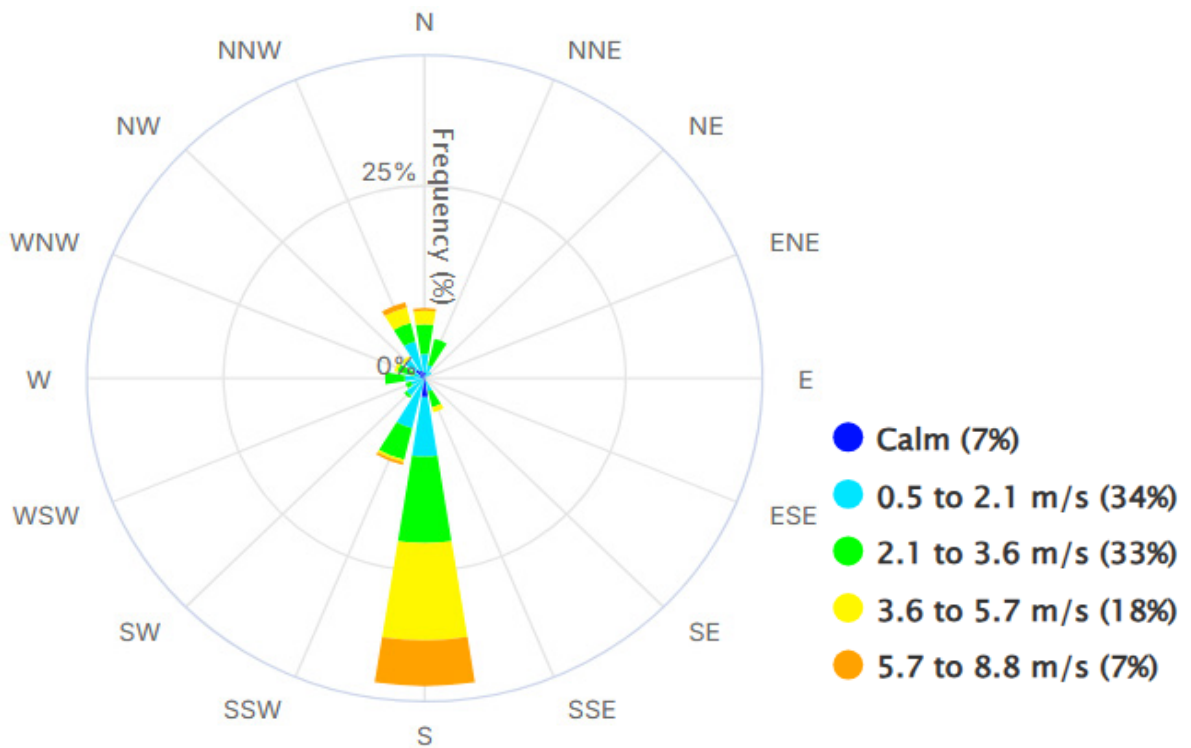
9/15/25 5:00	1.3	345	10.0	1017
9/15/25 6:00	0.6	314	9.2	1018
9/15/25 7:00	1.7	228	11.6	1018
9/15/25 8:00	2.7	56	14.5	1019
9/15/25 9:00	3.2	25	17.1	1019
9/15/25 10:00	2.0	61	18.6	1019
9/15/25 11:00	2.4	120	20.2	1019
9/15/25 12:00	2.7	155	21.2	1018
9/15/25 13:00	2.2	184	22.0	1018
9/15/25 14:00	1.2	247	22.7	1017
9/15/25 15:00	0.5	287	23.0	1017
9/15/25 16:00	1.0	278	22.9	1017
9/15/25 17:00	1.0	327	22.2	1017
9/15/25 18:00	0.3	346	18.0	1017
9/15/25 19:00	0.2	342	16.2	1018
9/15/25 20:00	1.7	236	16.1	1018
9/15/25 21:00	0.8	277	14.3	1018
9/15/25 22:00	0.7	303	13.2	1018
9/15/25 23:00	ND	ND	11.6	1018
9/16/25 0:00	ND	ND	10.8	1018
9/16/25 1:00	1.5	ND	11.0	1018
9/16/25 2:00	1.5	190	10.4	1018
9/16/25 3:00	1.5	345	10.3	1018
9/16/25 4:00	ND	ND	9.0	1018
9/16/25 5:00	ND	ND	8.5	1018
9/16/25 6:00	1.9	333	8.4	1019
9/16/25 7:00	1.6	154	10.6	1019
9/16/25 8:00	2.2	113	12.1	1020
9/16/25 9:00	1.3	252	14.9	1020
9/16/25 10:00	1.5	340	18.9	1020
9/16/25 11:00	2.0	104	21.6	1019
9/16/25 12:00	2.2	274	22.7	1019
9/16/25 13:00	2.6	257	23.4	1018
9/16/25 14:00	2.4	274	24.0	1018
9/16/25 15:00	1.0	200	24.3	1017
9/16/25 16:00	1.4	322	24.0	1017
9/16/25 17:00	1.7	263	23.3	1017
9/16/25 18:00	0.7	339	19.0	1017
9/16/25 19:00	1.7	219	17.4	1017
9/16/25 20:00	1.2	183	16.8	1017
9/16/25 21:00	1.1	243	14.6	1017
9/16/25 22:00	ND	ND	13.1	1017
9/16/25 23:00	ND	ND	12.4	1017
9/17/25 0:00	ND	ND	12.0	1017

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING**Bangor International Airport (BGR) Meteorological Data (9/4/25 8:00 to 9/18/25 10:00)**

9/17/25 1:00	ND	ND	11.4	1017
9/17/25 2:00	1.5	190	11.3	1017
9/17/25 3:00	ND	ND	10.8	1016
9/17/25 4:00	ND	ND	10.1	1016
9/17/25 5:00	ND	ND	9.5	1016
9/17/25 6:00	1.5	235	9.1	1016
9/17/25 7:00	ND	ND	11.2	1016
9/17/25 8:00	1.4	197	13.9	1016
9/17/25 9:00	1.9	190	16.7	1016
9/17/25 10:00	2.2	178	20.0	1016
9/17/25 11:00	2.3	181	21.9	1015
9/17/25 12:00	2.3	190	22.2	1015
9/17/25 13:00	2.9	183	22.8	1014
9/17/25 14:00	4.1	180	22.0	1013
9/17/25 15:00	4.3	176	22.1	1013
9/17/25 16:00	4.3	176	21.9	1013
9/17/25 17:00	4.6	181	20.6	1012
9/17/25 18:00	4.0	171	18.1	1012
9/17/25 19:00	3.0	171	16.8	1012
9/17/25 20:00	3.9	175	16.0	1011
9/17/25 21:00	2.5	184	14.6	1011
9/17/25 22:00	1.9	195	13.9	1011
9/17/25 23:00	0.5	311	12.3	1011
9/18/25 0:00	2.0	192	13.0	1011
9/18/25 1:00	0.4	321	12.6	1010
9/18/25 2:00	1.0	249	12.7	1009
9/18/25 3:00	2.0	183	13.9	1009
9/18/25 4:00	1.8	217	13.5	1009
9/18/25 5:00	1.6	198	13.6	1008
9/18/25 6:00	2.1	203	13.9	1008
9/18/25 7:00	2.9	197	14.0	1008
9/18/25 8:00	3.1	189	15.7	1008
9/18/25 9:00	3.0	179	16.9	1008
9/18/25 10:00	2.6	190	18.5	1007

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING
Bangor International Airport (BGR) Meteorological Data (9/4/25 8:00 to 9/18/25 10:00)

BGR Wind Rose 9/4/25 8:00 - 9/18/25 10:00



IRVING OIL TERMINALS INC. – SEARSPORT MARINE TERMINAL
SITE COORIDNATES

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 1,498 m

Monitor Location Method: EPA Method 325A Option 2

Terminal Fenceline Area = 27.9 Acres

Spacing Between Monitors: 124.8 m ($\pm$ 12.5 m)

Tank Farms 1 and 3

Sampling Station	Target Compounds	Latitude	Longitude	Distances from Previous Site (m)	Notes
Site 1	BTEX	44.459525°	-68.899553°	129.8	The distance between the closest tanks and Site 1 and Fenceline is >50 m.
Site 2	BTEX	44.458983°	-68.898564°	125.5	The distance between the closest tanks and Site 2 and Fenceline is >50 m.
Site 3	BTEX	44.457892°	-68.898464°	125.5	The distance between the closest tanks and Site 3 and Fenceline is >50 m.
Site 4	BTEX	44.456853°	-68.898425°	123.9	The distance between the closest tanks and Site 4 and Fenceline is >50 m.
Site 5	BTEX	44.455831°	-68.898528°	125.3	The distance between the closest tanks and Site 5 and Fenceline is >50 m.
Site 6	BTEX	44.454886°	-68.899292°	124.8	The distance between the closest tanks and Site 6 and Fenceline is >50 m.
Site 7	BTEX	44.455697°	-68.899986°	123.9	The distance between the closest tanks and Site 7 and Fenceline is <50 m.
Site 8	BTEX	44.455589°	-68.900656°	62.0 (to Site 7) 61.7 (to Site 9)	Additional Site located halfway between Sites 7 and 9 to capture potential fugitive emissions from sources located <50 m from the fenceline.
Site 9	BTEX	44.455517°	-68.901358°	123.7 (to Site 7)	The distance between the closest tanks and Site 8 and Fenceline is <50 m.
Site 10	BTEX	44.455925°	-68.901736°	62.1 (to Site 9) 61.2 (to Site 11)	Additional Site located halfway between Sites 9 and 11 to capture potential fugitive emissions from sources located <50 m from the fenceline.

IRVING OIL SEARSPORT MAINE TERMINAL FENCELINE MONITORING

Terminal Fenceline Perimeter Length = 1,498 m

Monitor Location Method: EPA Method 325A Option 2

Terminal Fenceline Area = 27.9 Acres

Spacing Between Monitors: 124.8 m ($\pm$ 12.5 m)

Tank Farms 1 and 3

Sampling Station	Target Compounds	Latitude	Longitude	Distances from Previous Site (m)	Notes
Site 11	BTEX	44.456475°	-68.901686°	123.3 (to Site 9)	The distance between the closest tanks and Site 11 and Fenceline is <50 m.
Site 12	BTEX	44.457586°	-68.901592°	124	The distance between the closest tanks and Site 12 and Fenceline is >50 m.
Site 13	BTEX	44.458700°	-68.901494°	124	The distance between the closest tanks and Site 13 and Fenceline is >50 m.
Site 14	BTEX	44.459442°	-68.900939°	124.3	The distance between the closest tanks and Site 14 and Fenceline is >50 m.

Tank Farm 2

Terminal Fenceline Perimeter Length = 542 m

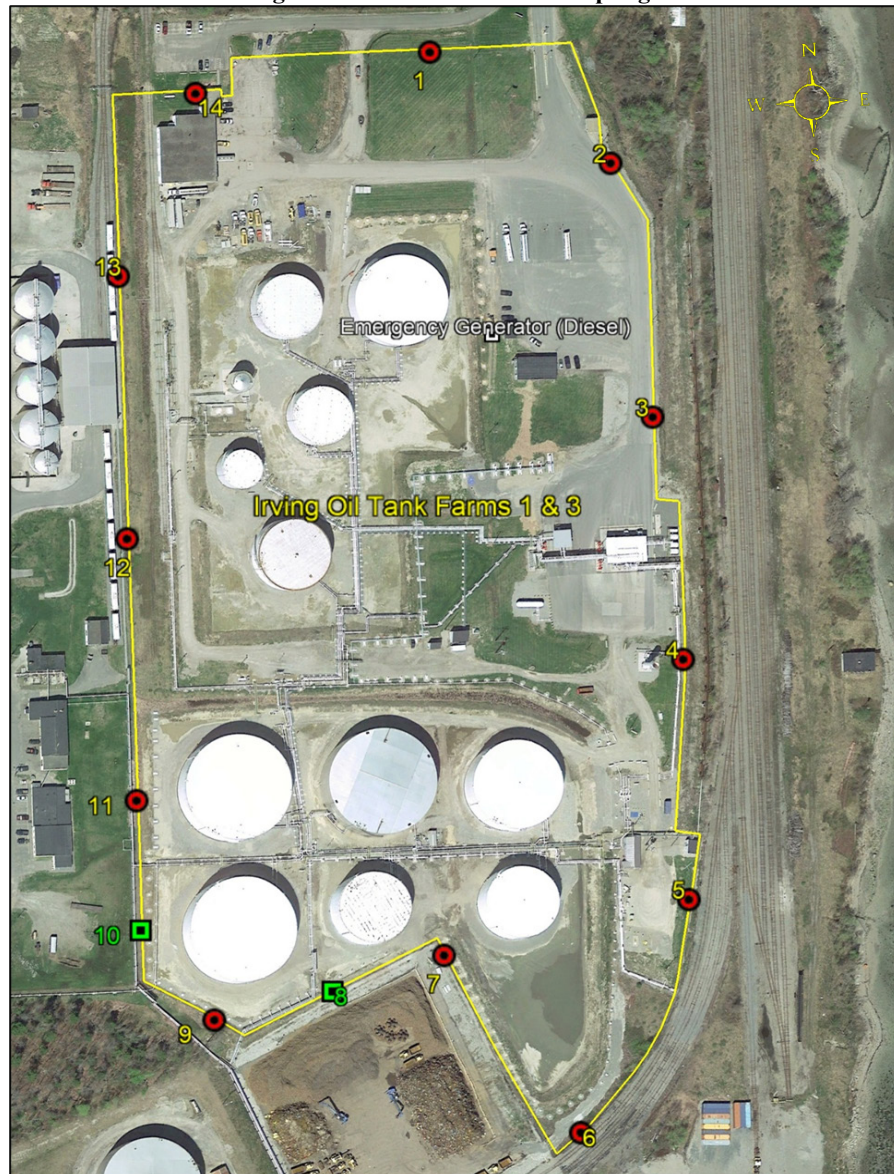
Monitor Location Method: EPA Method 325A Option 2

Terminal Fenceline Area = 4.9 Acres

Spacing Between Monitors: 180.7 m ($\pm$ 18.1 m)

Sampling Station	Target Compounds	Latitude	Longitude	Distance from Previous Site (m)	Notes
Site 15	BTEX	44.452383°	-68.907823°	180.8	The distance between the closest tank and Site 15 is 48 m. The 2 tanks are <50 m from the nearest fenceline.
Site 16	BTEX	44.453510°	-68.908468°	180.4	The distance between the closest tank and Site 16 is 46 m. The closest tank is <50 m from the nearest fenceline.
Site 17	BTEX	44.453418°	-68.906950°	180.8	The distance between the closest tank and Site 17 is 45 m. The closest tank is <50 m from the nearest fenceline.

Aerial View of the Irving Oil Tank Farm 1 and 3 Sampling Locations



Aerial View of the Irving Oil Tank Farm 2 Sampling Locations



APPENDIX A – LAB RESULTS

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 22 Irving Oil - Searsport

Client Project# PROJ-050105

Samples Received: 7/14/2025

Analytical Report 2025GG301

EPA Method 325B Analysis

Report Issue Date: 7/24/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



QA Review by Isabel Obando Marrero, Data Reviewer



Matt Cavanaugh
mcavanaugh@montrose-env.com / www.enthalpy.com
O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG301-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on July 14, 2025 at 26 °C, which is above the method recommended 23.0 °C,. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20250626	B47080	Sample
IRVSEA-2-S-20250626	C40668	Sample
IRVSEA-2-D-20250626	B17101	Duplicate
IRVSEA-2-B-20250626	B45040	Blank
IRVSEA-3-S-20250626	B33081	Sample
IRVSEA-4-S-20250626	B46315	Sample
IRVSEA-5-S-20250626	B48527	Sample
IRVSEA-6-S-20250626	B17424	Sample
IRVSEA-7-S-20250626	B17449	Sample
IRVSEA-8-S-20250626	C01548	Sample
IRVSEA-8-D-20250626	B52855	Duplicate
IRVSEA-8-B-20250626	C24225	Blank
IRVSEA-9-S-20250626	C60292	Sample
IRVSEA-10-S-20250626	B49540	Sample
IRVSEA-11-S-20250626	B46754	Sample
IRVSEA-12-S-20250626	C00842	Sample
IRVSEA-13-S-20250626	B50870	Sample
IRVSEA-14-S-20250626	C55769	Sample
IRVSEA-15-S-20250626	B19797	Sample
IRVSEA-16-S-20250626	C38880	Sample
IRVSEA-17-S-20250626	B16364	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-TD35 is not included in this report but may be available upon request.

The sample tube media used for this sampling period was Carboxen. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG301-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (N061725A_CC252679) met all 30% RSD criteria. The initial calibration verification met 30% difference criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20250626 (tube ID C40668) and its corresponding duplicate IRVSEA-2-D-20250626 (tube ID B17101) failed to meet the 30% difference criterion for Benzene, m-/p-Xylenes, and Toluene as specified by the method. All samples in the data set have been flagged "P" for Benzene, m-/p-Xylenes, and Toluene to denote this failure.

The primary sample IRVSEA-2-S-20250626 (tube ID C40668) and its corresponding duplicate IRVSEA-2-D-20250626 (tube ID B17101) failed to meet the 30% difference criterion for Ethylbenzene and o-Xylene as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged "Pc" for , Ethylbenzene and o-Xylene to denote this failure.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG301-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20250626	B47080	0.856	P	1.75	P	0.272	ND,Pc	0.736	P	0.332	J,Pc
IRVSEA-2-S-20250626	C40668	0.796	P	2.24	P	0.356	J,Pc	1.09	P	0.433	J,Pc
IRVSEA-2-D-20250626	B17101	1.15	P	3.23	P	0.597	Pc	1.67	P	0.706	Pc
IRVSEA-2-B-20250626	B45040	0.187	ND,P	0.240	ND,P	0.272	ND,Pc	0.272	ND,P	0.272	ND,Pc
IRVSEA-3-S-20250626	B33081	1.22	P	2.85	P	0.678	Pc	1.95	P	0.728	Pc
IRVSEA-4-S-20250626	B46315	0.993	P	2.98	P	0.545	J,Pc	1.65	P	0.691	Pc
IRVSEA-5-S-20250626	B48527	0.884	P	2.07	P	0.297	J,Pc	0.992	P	0.424	J,Pc
IRVSEA-6-S-20250626	B17424	0.915	P	2.48	P	0.496	J,Pc	1.27	P	0.559	Pc
IRVSEA-7-S-20250626	B17449	1.75	P	5.75	P	1.08	Pc	3.30	P	1.40	Pc
IRVSEA-8-S-20250626	C01548	1.56	P	5.75	P	1.07	Pc	3.22	P	1.38	Pc
IRVSEA-8-D-20250626	B52855	1.78	P	6.17	P	1.22	Pc	3.55	P	1.52	Pc
IRVSEA-8-B-20250626	C24225	0.187	ND,P	0.240	ND,P	0.272	ND,Pc	0.272	ND,P	0.272	ND,Pc
IRVSEA-9-S-20250626	C60292	1.41	P	5.26	P	0.987	Pc	3.43	P	1.42	Pc
IRVSEA-10-S-20250626	B49540	2.57	P	10.3	P	1.72	Pc	5.77	P	2.38	Pc
IRVSEA-11-S-20250626	B46754	2.56	P	10.8	P	1.74	Pc	5.79	P	2.37	Pc
IRVSEA-12-S-20250626	C00842	1.80	P	7.08	P	1.07	Pc	3.53	P	1.46	Pc
IRVSEA-13-S-20250626	B50870	1.31	P	3.44	P	0.612	Pc	1.64	P	0.668	Pc
IRVSEA-14-S-20250626	C55769	0.748	P	2.48	P	0.441	J,Pc	1.45	P	0.601	Pc
IRVSEA-15-S-20250626	B19797	0.704	P	1.11	P	0.272	ND,Pc	0.518	J,P	0.272	ND,Pc
IRVSEA-16-S-20250626	C38880	0.446	P	0.930	P	0.272	ND,Pc	0.460	J,P	0.272	ND,Pc
IRVSEA-17-S-20250626	B16364	0.577	P	1.24	P	0.272	ND,Pc	0.667	P	0.291	J,Pc

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG301-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250626	B47080	0.856	0.268	11.5	68.3	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504141.D	2025-07-17 00:05	0.878	8.101	88007	804904	92.1	8.052	-1.7%
IRVSEA-2-S-20250626	C40668	0.796	0.249	10.7	68.3	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504142.D	2025-07-17 00:45	0.878	8.107	84605	831448	92.1	8.052	1.5%
IRVSEA-2-D-20250626	B17101	1.15	0.361	15.5	68.3	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504143.D	2025-07-17 01:25	0.878	8.101	122353	829686	92.1	8.052	1.3%
IRVSEA-2-B-20250626	B45040	0.187	0.0584		68.3	0.665	20170	0.187	0.371	0.0584	0.116	ND,P	N2504140.D	2025-07-16 23:25	0.878	8.046	9287	795008	92.1	8.052	-2.9%
IRVSEA-3-S-20250626	B33081	1.22	0.382	16.3	68.3	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504144.D	2025-07-17 02:05	0.878	8.107	131097	842141	92.1	8.052	2.8%
IRVSEA-4-S-20250626	B46315	0.993	0.311	13.3	68.3	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504145.D	2025-07-17 02:45	0.878	8.113	106928	842766	92.1	8.052	2.9%
IRVSEA-5-S-20250626	B48527	0.884	0.277	11.8	68.3	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504146.D	2025-07-17 03:24	0.878	8.107	97172	860346	92.1	8.052	5.0%
IRVSEA-6-S-20250626	B17424	0.915	0.287	12.3	68.3	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504147.D	2025-07-17 04:04	0.878	8.107	90896	777561	92.1	8.052	-5.1%
IRVSEA-7-S-20250626	B17449	1.75	0.547	23.4	68.3	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504148.D	2025-07-17 04:44	0.878	8.113	166807	746842	92.1	8.058	-8.8%
IRVSEA-8-S-20250626	C01548	1.56	0.488	20.9	68.4	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504149.D	2025-07-17 05:24	0.878	8.107	149710	752516	92.1	8.052	-8.1%
IRVSEA-8-D-20250626	B52855	1.78	0.557	23.8	68.4	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504152.D	2025-07-17 07:43	0.878	8.107	184111	810562	92.1	8.046	-1.0%
IRVSEA-8-B-20250626	C24225	0.187	0.0584		68.4	0.665	20170	0.187	0.371	0.0584	0.116	ND,P	N2504150.D	2025-07-17 06:04	0.878	8.107	14219	747567	92.1	8.052	-8.7%
IRVSEA-9-S-20250626	C60292	1.41	0.442	18.9	68.4	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504153.D	2025-07-17 08:23	0.878	8.107	149566	829732	92.1	8.052	1.3%
IRVSEA-10-S-20250626	B49540	2.57	0.804	34.4	68.4	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504154.D	2025-07-17 09:03	0.878	8.107	262271	799023	92.1	8.052	-2.4%
IRVSEA-11-S-20250626	B46754	2.56	0.800	34.3	68.4	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504155.D	2025-07-17 09:43	0.878	8.107	255740	783185	92.1	8.052	-4.4%
IRVSEA-12-S-20250626	C00842	1.80	0.563	24.1	68.4	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504156.D	2025-07-17 10:23	0.878	8.107	178617	777603	92.1	8.052	-5.1%
IRVSEA-13-S-20250626	B50870	1.31	0.411	17.6	68.4	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504157.D	2025-07-17 11:03	0.878	8.107	131365	783683	92.1	8.052	-4.3%
IRVSEA-14-S-20250626	C55769	0.748	0.234	10.0	68.4	0.665	20170	0.187	0.371	0.0584	0.116	P	N2504158.D	2025-07-17 11:43	0.878	8.107	73566	769809	92.1	8.052	-6.0%
IRVSEA-15-S-20250626	B19797	0.704	0.221	9.44	68.4	0.665	20175	0.186	0.371	0.0584	0.116	P	N2504159.D	2025-07-17 12:23	0.878	8.107	67669	751592	92.1	8.052	-8.2%
IRVSEA-16-S-20250626	C38880	0.446	0.140	5.98	68.4	0.665	20175	0.186	0.371	0.0584	0.116	P	N2504160.D	2025-07-17 13:03	0.878	8.107	46449	814216	92.1	8.052	-0.6%
IRVSEA-17-S-20250626	B16364	0.577	0.181	7.73	68.4	0.665	20175	0.186	0.371	0.0584	0.116	P	N2504161.D	2025-07-17 13:43	0.878	8.113	64417	873935	92.1	8.058	6.7%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250626	B47080	1.75	0.466	18.3	68.3	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504141.D	2025-07-17 00:05	0.657	10.707	152706	1383121	108.6	10.621	-3.9%
IRVSEA-2-S-20250626	C40668	2.24	0.595	23.3	68.3	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504142.D	2025-07-17 00:45	0.657	10.707	206007	1461149	108.6	10.615	1.5%
IRVSEA-2-D-20250626	B17101	3.23	0.857	33.6	68.3	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504143.D	2025-07-17 01:25	0.657	10.713	290866	1431462	108.6	10.616	-0.5%
IRVSEA-2-B-20250626	B45040	0.240	0.0638		68.3	0.516	20170	0.240	0.517	0.0638	0.137	ND,P	N2504140.D	2025-07-16 23:25	0.657	10.707	7921	1386274	108.6	10.615	-3.7%
IRVSEA-3-S-20250626	B33081	2.85	0.758	29.7	68.3	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504144.D	2025-07-17 02:05	0.657	10.707	251037	1398051	108.6	10.615	-2.9%
IRVSEA-4-S-20250626	B46315	2.98	0.791	31.0	68.3	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504145.D	2025-07-17 02:45	0.657	10.713	271922	1450572	108.6	10.622	0.8%
IRVSEA-5-S-20250626	B48527	2.07	0.549	21.5	68.3	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504146.D	2025-07-17 03:24	0.657	10.707	194678	1496953	108.6	10.615	4.0%
IRVSEA-6-S-20250626	B17424	2.48	0.658	25.8	68.3	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504147.D	2025-07-17 04:04	0.657	10.713	209108	1340468	108.6	10.621	-6.9%
IRVSEA-7-S-20250626	B17449	5.75	1.53	59.8	68.3	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504148.D	2025-07-17 04:44	0.657	10.713	487026	1346689	108.6	10.621	-6.4%
IRVSEA-8-S-20250626	C01548	5.75	1.53	59.8	68.4	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504149.D	2025-07-17 05:24	0.657	10.707	486127	1343235	108.6	10.615	-6.7%
IRVSEA-8-D-20250626	B52855	6.17	1.64	64.2	68.4	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504152.D	2025-07-17 07:43	0.657	10.707	556130	1432908	108.6	10.615	-0.4%
IRVSEA-8-B-20250626	C24225	0.240	0.0638		68.4	0.516	20170	0.240	0.517	0.0638	0.137	ND,P	N2504150.D	2025-07-17 06:04	0.657	10.707	10690	1355387	108.6	10.615	-5.8%
IRVSEA-9-S-20250626	C60292	5.26	1.40	54.7	68.4	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504153.D	2025-07-17 08:23	0.657	10.707	472404	1427868	108.6	10.615	-0.8%
IRVSEA-10-S-20250626	B49540	10.3	2.74	107	68.4	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504154.D	2025-07-17 09:03	0.657	10.707	903279	1392417	108.6	10.615	-3.3%
IRVSEA-11-S-20250626	B46754	10.8	2.87	113	68.4	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504155.D	2025-07-17 09:43	0.657	10.707	936783	1375073	108.6	10.615	-4.5%
IRVSEA-12-S-20250626	C00842	7.08	1.88	73.7	68.4	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504156.D	2025-07-17 10:23	0.657	10.707	627192	1407324	108.6	10.615	-2.2%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG301-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20250626	B50870	3.44	0.913	35.8	68.4	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504157.D	2025-07-17 11:03	0.657	10.707	310858	1436731	108.6	10.615	-0.2%
IRVSEA-14-S-20250626	C55769	2.48	0.658	25.8	68.4	0.516	20170	0.240	0.517	0.0638	0.137	P	N2504158.D	2025-07-17 11:43	0.657	10.707	215398	1380870	108.6	10.615	-4.1%
IRVSEA-15-S-20250626	B19797	1.11	0.296	11.6	68.4	0.516	20175	0.240	0.517	0.0638	0.137	P	N2504159.D	2025-07-17 12:23	0.657	10.713	90407	1289171	108.6	10.621	-10.4%
IRVSEA-16-S-20250626	C38880	0.930	0.247	9.68	68.4	0.516	20175	0.240	0.517	0.0638	0.137	P	N2504160.D	2025-07-17 13:03	0.657	10.713	82375	1407636	108.6	10.616	-2.2%
IRVSEA-17-S-20250626	B16364	1.24	0.328	12.9	68.4	0.516	20175	0.240	0.517	0.0638	0.137	P	N2504161.D	2025-07-17 13:43	0.657	10.713	115972	1490318	108.6	10.622	3.6%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250626	B47080	0.272	0.0626		68.3	0.456	20170	0.272	0.562	0.0626	0.129	ND,Pc	N2504141.D	2025-07-17 00:05	0.782	12.836	22052	1383121	108.6	10.621	-3.9%
IRVSEA-2-S-20250626	C40668	0.356	0.0821	3.28	68.3	0.456	20170	0.272	0.562	0.0626	0.129	J,Pc	N2504142.D	2025-07-17 00:45	0.782	12.830	34470	1461149	108.6	10.615	1.5%
IRVSEA-2-D-20250626	B17101	0.597	0.138	5.49	68.3	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504143.D	2025-07-17 01:25	0.782	12.836	56585	1431462	108.6	10.616	-0.5%
IRVSEA-2-B-20250626	B45040	0.272	0.0626		68.3	0.456	20170	0.272	0.562	0.0626	0.129	ND,Pc	N2504140.D	2025-07-16 23:25	0.782	12.830	2164	1386274	108.6	10.615	-3.7%
IRVSEA-3-S-20250626	B33081	0.678	0.156	6.24	68.3	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504144.D	2025-07-17 02:05	0.782	12.830	62763	1398051	108.6	10.615	-2.9%
IRVSEA-4-S-20250626	B46315	0.545	0.126	5.02	68.3	0.456	20170	0.272	0.562	0.0626	0.129	J,Pc	N2504145.D	2025-07-17 02:45	0.782	12.836	52367	1450572	108.6	10.622	0.8%
IRVSEA-5-S-20250626	B48527	0.297	0.0683	2.73	68.3	0.456	20170	0.272	0.562	0.0626	0.129	J,Pc	N2504146.D	2025-07-17 03:24	0.782	12.836	29406	1496953	108.6	10.615	4.0%
IRVSEA-6-S-20250626	B17424	0.496	0.114	4.56	68.3	0.456	20170	0.272	0.562	0.0626	0.129	J,Pc	N2504147.D	2025-07-17 04:04	0.782	12.836	44011	1340468	108.6	10.621	-6.9%
IRVSEA-7-S-20250626	B17449	1.08	0.249	9.95	68.3	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504148.D	2025-07-17 04:44	0.782	12.830	96423	1346689	108.6	10.621	-6.4%
IRVSEA-8-S-20250626	C01548	1.07	0.248	9.89	68.4	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504149.D	2025-07-17 05:24	0.782	12.836	95625	1343235	108.6	10.615	-6.7%
IRVSEA-8-D-20250626	B52855	1.22	0.281	11.2	68.4	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504152.D	2025-07-17 07:43	0.782	12.830	115613	1432908	108.6	10.615	-0.4%
IRVSEA-8-B-20250626	C24225	0.272	0.0626		68.4	0.456	20170	0.272	0.562	0.0626	0.129	ND,Pc	N2504150.D	2025-07-17 06:04	0.782	12.836	2837	1355387	108.6	10.615	-5.8%
IRVSEA-9-S-20250626	C60292	0.987	0.227	9.08	68.4	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504153.D	2025-07-17 08:23	0.782	12.830	93320	1427868	108.6	10.615	-0.8%
IRVSEA-10-S-20250626	B49540	1.72	0.396	15.8	68.4	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504154.D	2025-07-17 09:03	0.782	12.830	158380	1392417	108.6	10.615	-3.3%
IRVSEA-11-S-20250626	B46754	1.74	0.401	16.0	68.4	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504155.D	2025-07-17 09:43	0.782	12.830	158475	1375073	108.6	10.615	-4.5%
IRVSEA-12-S-20250626	C00842	1.07	0.247	9.86	68.4	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504156.D	2025-07-17 10:23	0.782	12.830	99876	1407324	108.6	10.615	-2.2%
IRVSEA-13-S-20250626	B50870	0.612	0.141	5.63	68.4	0.456	20170	0.272	0.562	0.0626	0.129	Pc	N2504157.D	2025-07-17 11:03	0.782	12.830	58217	1436731	108.6	10.615	-0.2%
IRVSEA-14-S-20250626	C55769	0.441	0.102	4.06	68.4	0.456	20170	0.272	0.562	0.0626	0.129	J,Pc	N2504158.D	2025-07-17 11:43	0.782	12.830	40321	1380870	108.6	10.615	-4.1%
IRVSEA-15-S-20250626	B19797	0.272	0.0626		68.4	0.456	20175	0.272	0.562	0.0626	0.129	ND,Pc	N2504159.D	2025-07-17 12:23	0.782	12.830	16672	1289171	108.6	10.621	-10.4%
IRVSEA-16-S-20250626	C38880	0.272	0.0626		68.4	0.456	20175	0.272	0.562	0.0626	0.129	ND,Pc	N2504160.D	2025-07-17 13:03	0.782	12.830	17318	1407636	108.6	10.616	-2.2%
IRVSEA-17-S-20250626	B16364	0.272	0.0626		68.4	0.456	20175	0.272	0.562	0.0626	0.129	ND,Pc	N2504161.D	2025-07-17 13:43	0.782	12.836	25480	1490318	108.6	10.622	3.6%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250626	B47080	0.736	0.170	6.77	68.3	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504141.D	2025-07-17 00:05	0.577	13.007	49712	1383121	108.6	10.621	-3.9%
IRVSEA-2-S-20250626	C40668	1.09	0.250	9.99	68.3	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504142.D	2025-07-17 00:45	0.577	13.007	77478	1461149	108.6	10.615	1.5%
IRVSEA-2-D-20250626	B17101	1.67	0.385	15.4	68.3	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504143.D	2025-07-17 01:25	0.577	13.008	116933	1431462	108.6	10.616	-0.5%
IRVSEA-2-B-20250626	B45040	0.272	0.0626		68.3	0.456	20170	0.272	0.531	0.0626	0.122	ND,P	N2504140.D	2025-07-16 23:25	0.577	13.026	1814	1386274	108.6	10.615	-3.7%
IRVSEA-3-S-20250626	B33081	1.95	0.450	18.0	68.3	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504144.D	2025-07-17 02:05	0.577	13.001	133450	1398051	108.6	10.615	-2.9%
IRVSEA-4-S-20250626	B46315	1.65	0.381	15.2	68.3	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504145.D	2025-07-17 02:45	0.577	13.008	117209	1450572	108.6	10.622	0.8%
IRVSEA-5-S-20250626	B48527	0.992	0.229	9.13	68.3	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504146.D	2025-07-17 03:24	0.577	13.007	72557	1496953	108.6	10.615	4.0%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG301-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20250626	B17424	1.27	0.292	11.7	68.3	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504147.D	2025-07-17 04:04	0.577	13.007	82931	1340468	108.6	10.621	-6.9%
IRVSEA-7-S-20250626	B17449	3.30	0.761	30.4	68.3	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504148.D	2025-07-17 04:44	0.577	13.007	217364	1346689	108.6	10.621	-6.4%
IRVSEA-8-S-20250626	C01548	3.22	0.741	29.6	68.4	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504149.D	2025-07-17 05:24	0.577	13.008	211154	1343235	108.6	10.615	-6.7%
IRVSEA-8-D-20250626	B52855	3.55	0.817	32.6	68.4	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504152.D	2025-07-17 07:43	0.577	13.001	248217	1432908	108.6	10.615	-0.4%
IRVSEA-8-B-20250626	C24225	0.272	0.0626		68.4	0.456	20170	0.272	0.531	0.0626	0.122	ND,P	N2504150.D	2025-07-17 06:04	0.577	13.001	3152	1355387	108.6	10.615	-5.8%
IRVSEA-9-S-20250626	C60292	3.43	0.791	31.6	68.4	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504153.D	2025-07-17 08:23	0.577	13.007	239471	1427868	108.6	10.615	-0.8%
IRVSEA-10-S-20250626	B49540	5.77	1.33	53.1	68.4	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504154.D	2025-07-17 09:03	0.577	13.001	392463	1392417	108.6	10.615	-3.3%
IRVSEA-11-S-20250626	B46754	5.79	1.33	53.2	68.4	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504155.D	2025-07-17 09:43	0.577	13.001	388689	1375073	108.6	10.615	-4.5%
IRVSEA-12-S-20250626	C00842	3.53	0.814	32.5	68.4	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504156.D	2025-07-17 10:23	0.577	13.008	242738	1407324	108.6	10.615	-2.2%
IRVSEA-13-S-20250626	B50870	1.64	0.378	15.1	68.4	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504157.D	2025-07-17 11:03	0.577	13.007	115213	1436731	108.6	10.615	-0.2%
IRVSEA-14-S-20250626	C55769	1.45	0.334	13.3	68.4	0.456	20170	0.272	0.531	0.0626	0.122	P	N2504158.D	2025-07-17 11:43	0.577	13.007	97758	1380870	108.6	10.615	-4.1%
IRVSEA-15-S-20250626	B19797	0.518	0.119	4.77	68.4	0.456	20175	0.272	0.530	0.0626	0.122	J,P	N2504159.D	2025-07-17 12:23	0.577	13.007	32647	1289171	108.6	10.621	-10.4%
IRVSEA-16-S-20250626	C38880	0.460	0.106	4.24	68.4	0.456	20175	0.272	0.530	0.0626	0.122	J,P	N2504160.D	2025-07-17 13:03	0.577	13.008	31649	1407636	108.6	10.616	-2.2%
IRVSEA-17-S-20250626	B16364	0.667	0.154	6.14	68.4	0.456	20175	0.272	0.530	0.0626	0.122	P	N2504161.D	2025-07-17 13:43	0.577	13.007	48602	1490318	108.6	10.622	3.6%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250626	B47080	0.332	0.0766	3.06	68.3	0.456	20170	0.272	0.553	0.0626	0.128	J,Pc	N2504141.D	2025-07-17 00:05	0.587	13.497	22858	1383121	108.6	10.621	-3.9%
IRVSEA-2-S-20250626	C40668	0.433	0.0997	3.98	68.3	0.456	20170	0.272	0.553	0.0626	0.128	J,Pc	N2504142.D	2025-07-17 00:45	0.587	13.497	31434	1461149	108.6	10.615	1.5%
IRVSEA-2-D-20250626	B17101	0.706	0.163	6.50	68.3	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504143.D	2025-07-17 01:25	0.587	13.497	50251	1431462	108.6	10.616	-0.5%
IRVSEA-2-B-20250626	B45040	0.272	0.0626		68.3	0.456	20170	0.272	0.553	0.0626	0.128	ND,Pc	N2504140.D	2025-07-16 23:25	0.587	13.497	1090	1386274	108.6	10.615	-3.7%
IRVSEA-3-S-20250626	B33081	0.728	0.168	6.70	68.3	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504144.D	2025-07-17 02:05	0.587	13.497	50631	1398051	108.6	10.615	-2.9%
IRVSEA-4-S-20250626	B46315	0.691	0.159	6.36	68.3	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504145.D	2025-07-17 02:45	0.587	13.503	49823	1450572	108.6	10.622	0.8%
IRVSEA-5-S-20250626	B48527	0.424	0.0976	3.90	68.3	0.456	20170	0.272	0.553	0.0626	0.128	J,Pc	N2504146.D	2025-07-17 03:24	0.587	13.503	31541	1496953	108.6	10.615	4.0%
IRVSEA-6-S-20250626	B17424	0.559	0.129	5.14	68.3	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504147.D	2025-07-17 04:04	0.587	13.503	37244	1340468	108.6	10.621	-6.9%
IRVSEA-7-S-20250626	B17449	1.40	0.324	12.9	68.3	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504148.D	2025-07-17 04:44	0.587	13.503	94029	1346689	108.6	10.621	-6.4%
IRVSEA-8-S-20250626	C01548	1.38	0.318	12.7	68.4	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504149.D	2025-07-17 05:24	0.587	13.497	92054	1343235	108.6	10.615	-6.7%
IRVSEA-8-D-20250626	B52855	1.52	0.351	14.0	68.4	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504152.D	2025-07-17 07:43	0.587	13.497	108607	1432908	108.6	10.615	-0.4%
IRVSEA-8-B-20250626	C24225	0.272	0.0626		68.4	0.456	20170	0.272	0.553	0.0626	0.128	ND,Pc	N2504150.D	2025-07-17 06:04	0.587	13.503	1135	1355387	108.6	10.615	-5.8%
IRVSEA-9-S-20250626	C60292	1.42	0.327	13.1	68.4	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504153.D	2025-07-17 08:23	0.587	13.497	100736	1427868	108.6	10.615	-0.8%
IRVSEA-10-S-20250626	B49540	2.38	0.548	21.9	68.4	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504154.D	2025-07-17 09:03	0.587	13.497	164578	1392417	108.6	10.615	-3.3%
IRVSEA-11-S-20250626	B46754	2.37	0.546	21.8	68.4	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504155.D	2025-07-17 09:43	0.587	13.497	162074	1375073	108.6	10.615	-4.5%
IRVSEA-12-S-20250626	C00842	1.46	0.335	13.4	68.4	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504156.D	2025-07-17 10:23	0.587	13.497	101870	1407324	108.6	10.615	-2.2%
IRVSEA-13-S-20250626	B50870	0.668	0.154	6.15	68.4	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504157.D	2025-07-17 11:03	0.587	13.497	47747	1436731	108.6	10.615	-0.2%
IRVSEA-14-S-20250626	C55769	0.601	0.139	5.53	68.4	0.456	20170	0.272	0.553	0.0626	0.128	Pc	N2504158.D	2025-07-17 11:43	0.587	13.497	41272	1380870	108.6	10.615	-4.1%
IRVSEA-15-S-20250626	B19797	0.272	0.0626		68.4	0.456	20175	0.272	0.553	0.0626	0.127	ND,Pc	N2504159.D	2025-07-17 12:23	0.587	13.496	14301	1289171	108.6	10.621	-10.4%
IRVSEA-16-S-20250626	C38880	0.272	0.0626		68.4	0.456	20175	0.272	0.553	0.0626	0.127	ND,Pc	N2504160.D	2025-07-17 13:03	0.587	13.497	13435	1407636	108.6	10.616	-2.2%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG301-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20250626	B16364	0.291	0.0671	2.68	68.4	0.456	20175	0.272	0.553	0.0626	0.127	J,Pc	N2504161.D	2025-07-17 13:43	0.587	13.503	21592	1490318	108.6	10.622	3.6%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG301-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20250626	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20250626	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20250626	37%	Fail	36%	Fail	51%	Fail	43%	Fail	48%	Fail
	IRVSEA-8-D-20250626	13%	Pass	7.0%	Pass	13%	Pass	9.7%	Pass	10%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG301-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2504138.D	C00596	Cal	0.878	1.014	0.878	-13%	12%		Pass	
2025GG301 Method Blank-1	N2504139.D	C35757	Blank		1.014	0.878			-7.5%	Pass	ND
M325B CCV 5 REC	N2504151.D	C43322	Check	0.853	1.014	0.878	-16%		-8.2%	Pass	
M325B CCV 5 REC	N2504162.D	C60234	Check	0.842	1.014	0.878	-17%		5.2%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2504138.D	C00596	Cal	0.657	0.789	0.657	-17%	11%		Pass	
2025GG301 Method Blank-1	N2504139.D	C35757	Blank		0.789	0.657			-4.7%	Pass	ND
M325B CCV 5 REC	N2504151.D	C43322	Check	0.678	0.789	0.657	-14%		-9.8%	Pass	
M325B CCV 5 REC	N2504162.D	C60234	Check	0.656	0.789	0.657	-17%		1.8%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2504138.D	C00596	Cal	0.782	0.993	0.782	-21%	11%		Pass	
2025GG301 Method Blank-1	N2504139.D	C35757	Blank		0.993	0.782			-4.7%	Pass	ND
M325B CCV 5 REC	N2504151.D	C43322	Check	0.834	0.993	0.782	-16%		-9.8%	Pass	
M325B CCV 5 REC	N2504162.D	C60234	Check	0.783	0.993	0.782	-21%		1.8%	Pass	

m-/p-Xylenes Calibration and Blanks

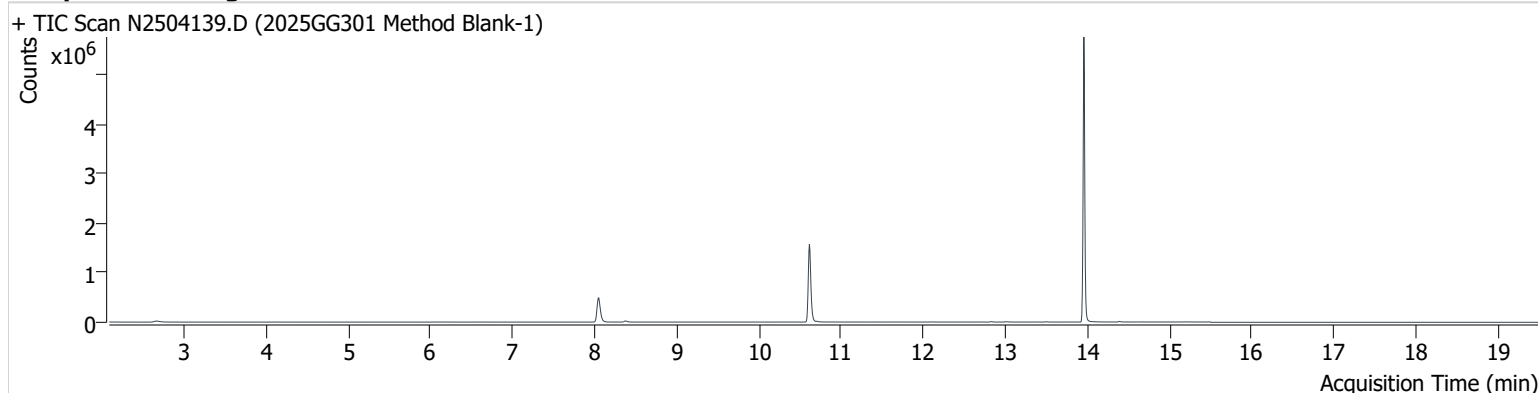
Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2504138.D	C00596	Cal	0.577	0.736	0.577	-22%	11%		Pass	
2025GG301 Method Blank-1	N2504139.D	C35757	Blank		0.736	0.577			-4.7%	Pass	ND
M325B CCV 5 REC	N2504151.D	C43322	Check	0.643	0.736	0.577	-13%		-9.8%	Pass	
M325B CCV 5 REC	N2504162.D	C60234	Check	0.602	0.736	0.577	-18%		1.8%	Pass	

o-Xylene Calibration and Blanks

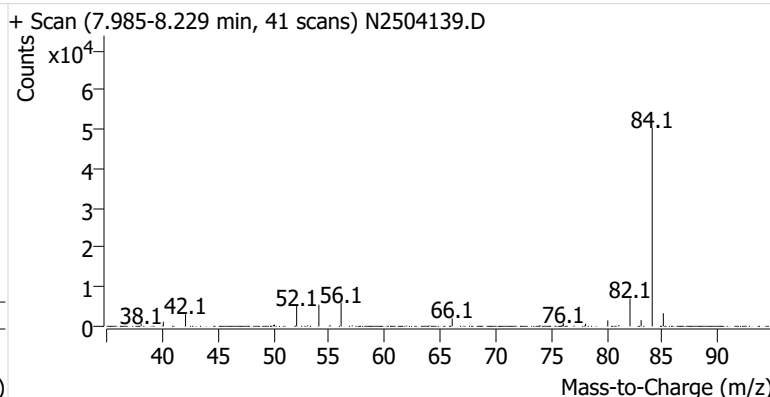
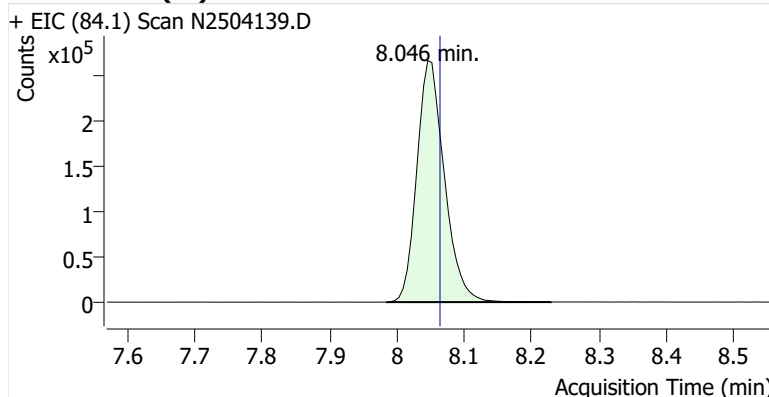
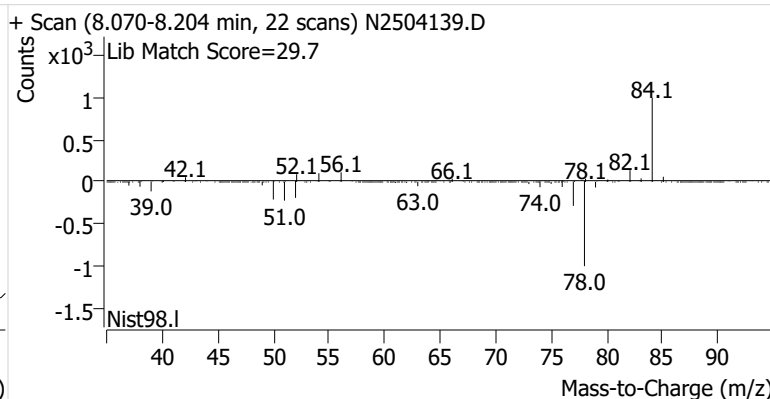
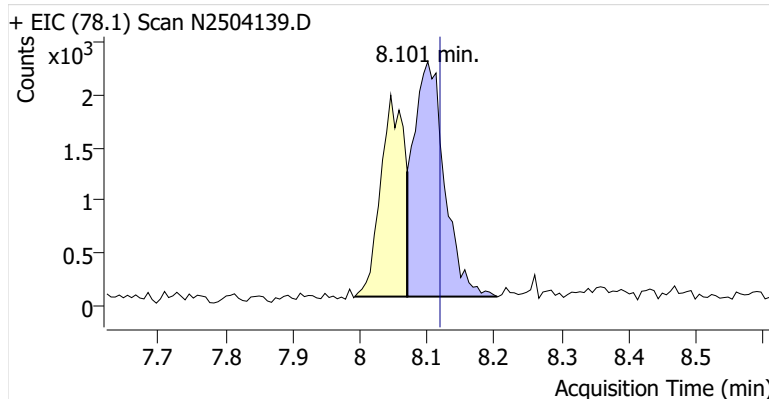
Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2504138.D	C00596	Cal	0.587	0.797	0.587	-26%	11%		Pass	
2025GG301 Method Blank-1	N2504139.D	C35757	Blank		0.797	0.587			-4.7%	Pass	ND
M325B CCV 5 REC	N2504151.D	C43322	Check	0.650	0.797	0.587	-18%		-9.8%	Pass	
M325B CCV 5 REC	N2504162.D	C60234	Check	0.606	0.797	0.587	-24%		1.8%	Pass	

Chromatograms

Name 2025GG301 Method Blank-1
Comment C35757
Data File N2504139.D
Acq. Date-Time 7/16/2025 10:45:37 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

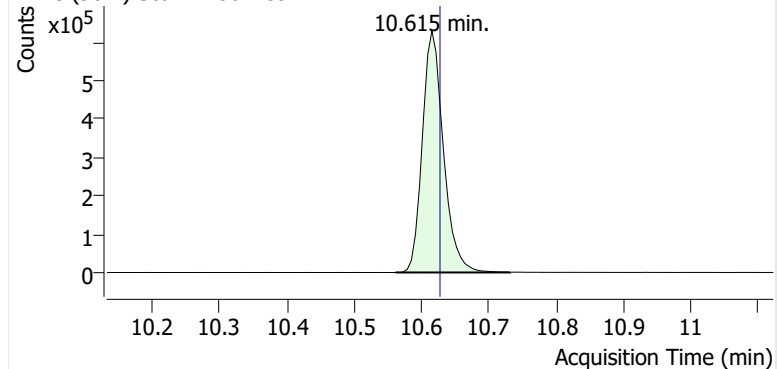
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.046	8.064	757,564	
Benzene	Benzene-d6 (IS)	8.101	8.119	7,177	
Toluene-d8 (IS)		10.615	10.627	1,371,941	
Toluene	Toluene-d8 (IS)	10.707	10.719	9,107	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	6,396	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.038	5,502	
o-Xylene	Toluene-d8 (IS)	13.491	13.509	4,197	

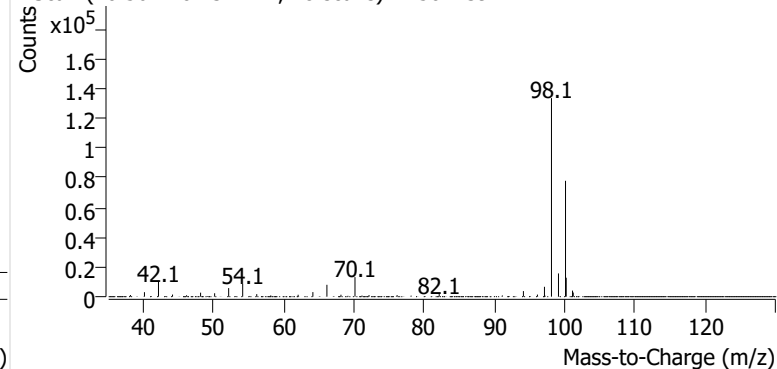
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

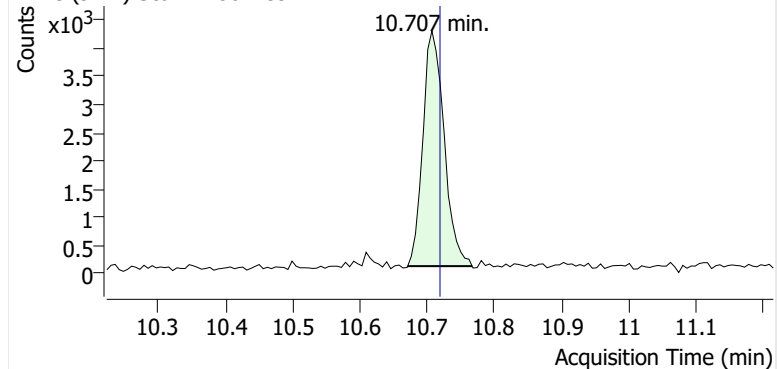
+ EIC (98.1) Scan N2504139.D



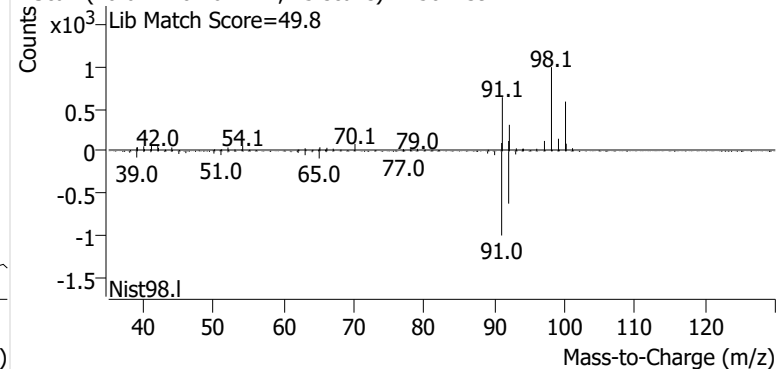
+ Scan (10.561-10.731 min, 28 scans) N2504139.D

**Toluene**

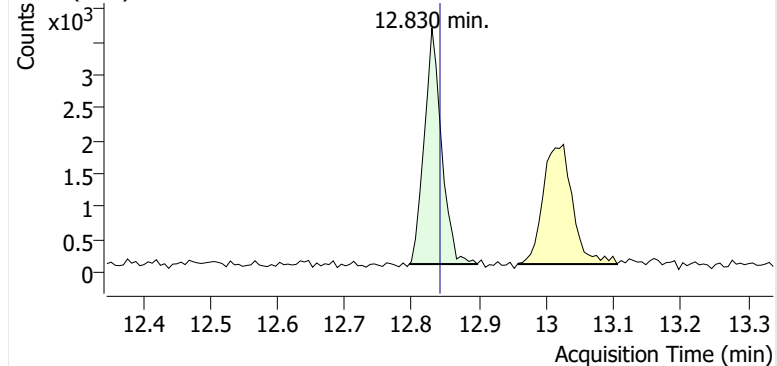
+ EIC (91.1) Scan N2504139.D



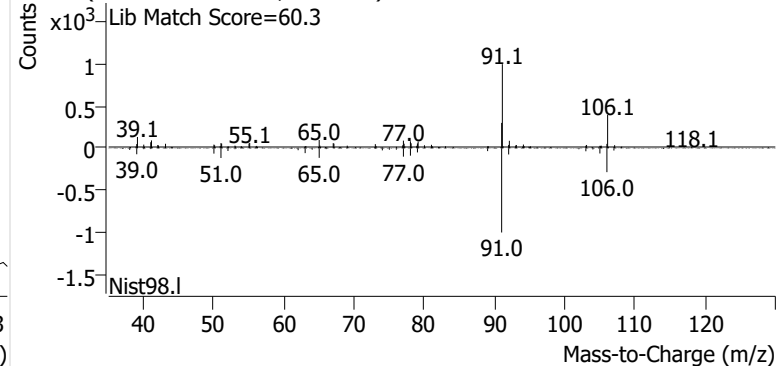
+ Scan (10.671-10.767 min, 15 scans) N2504139.D

**Ethylbenzene**

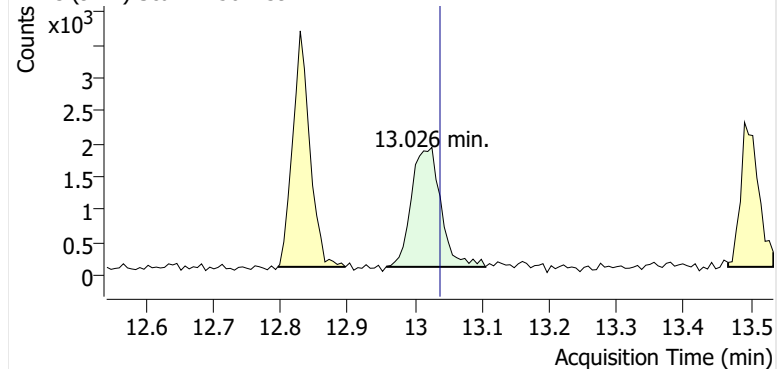
+ EIC (91.1) Scan N2504139.D



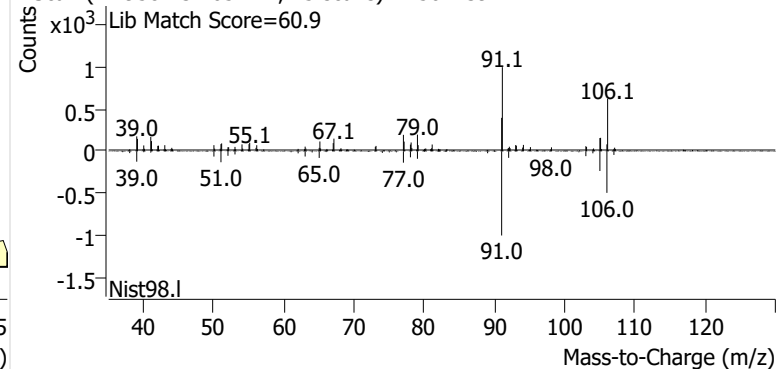
+ Scan (12.796-12.897 min, 17 scans) N2504139.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504139.D

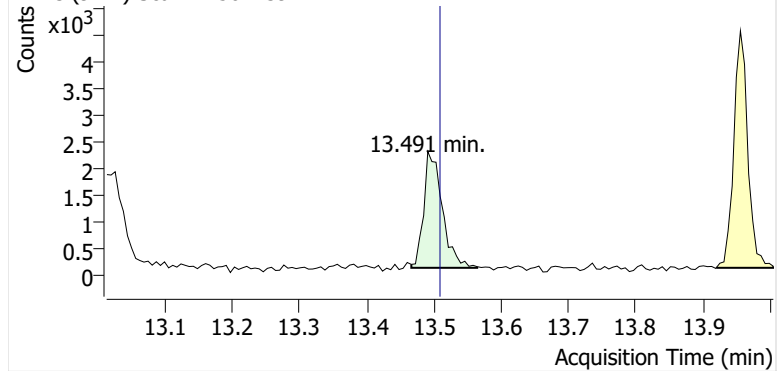


+ Scan (12.958-13.105 min, 25 scans) N2504139.D

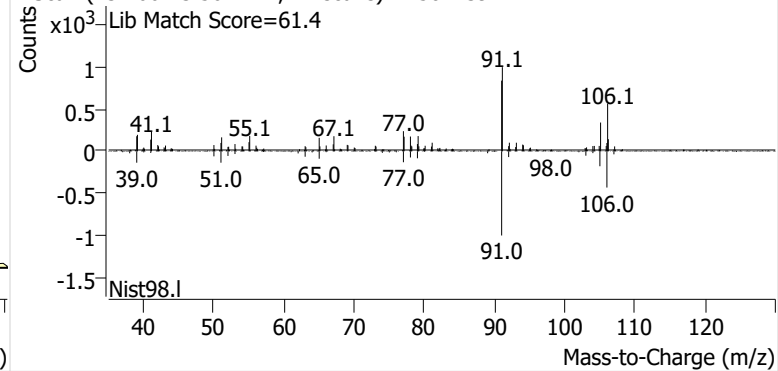


o-Xylene

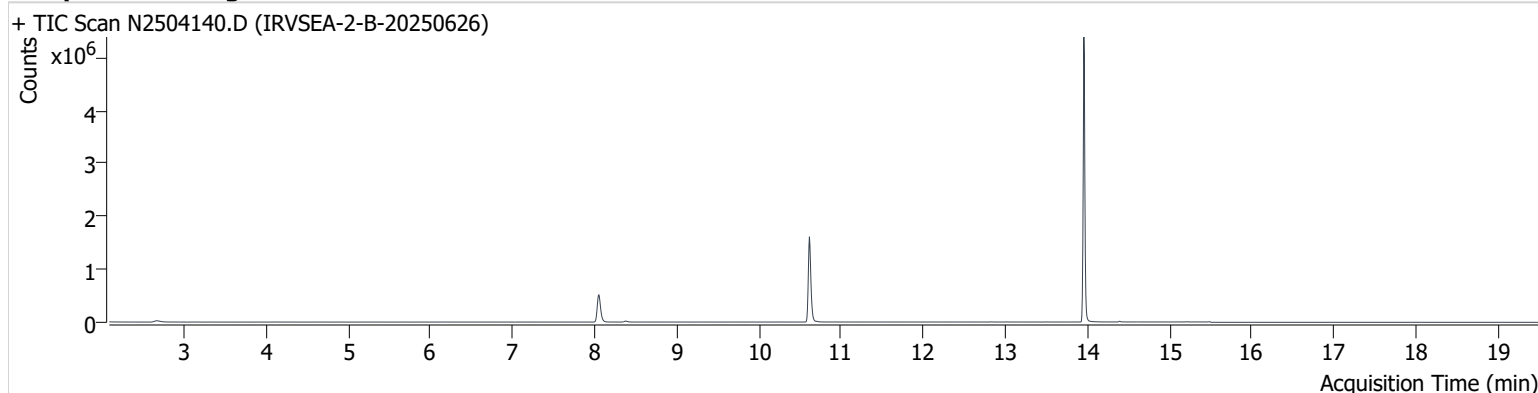
+ EIC (91.1) Scan N2504139.D



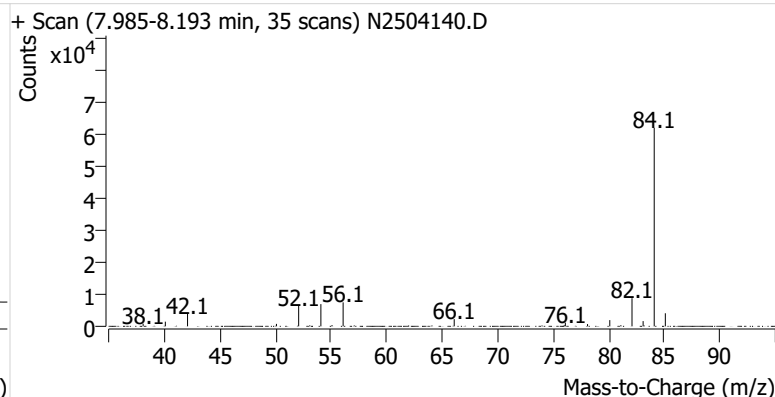
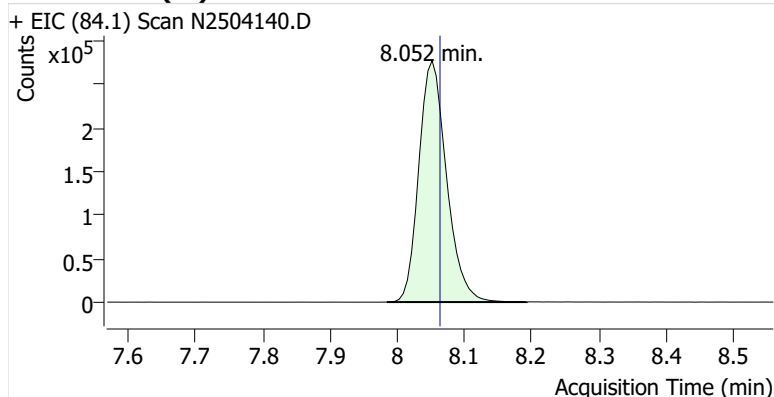
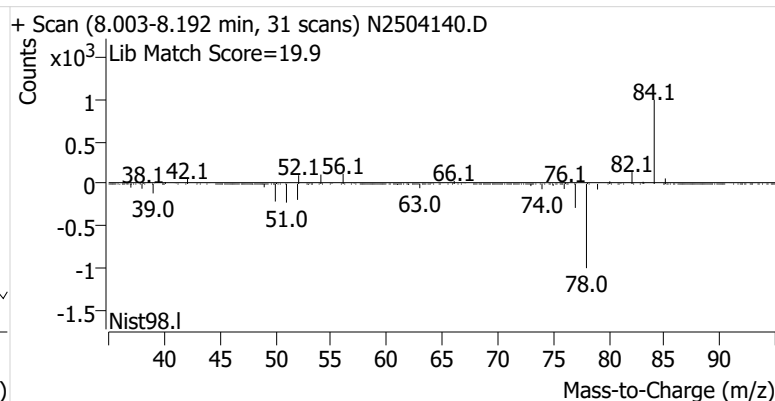
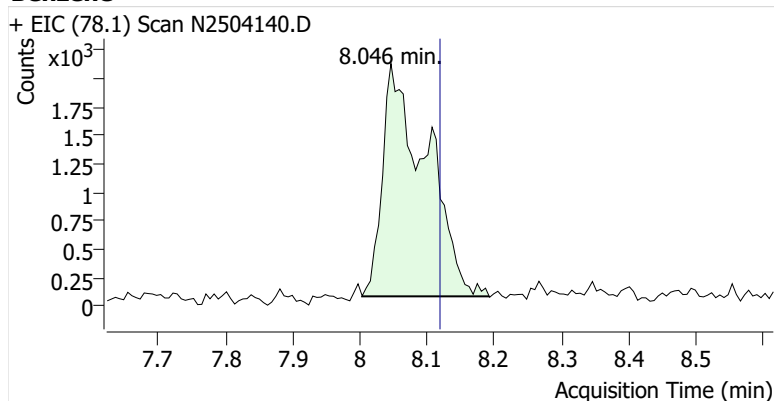
+ Scan (13.466-13.564 min, 17 scans) N2504139.D



Name IRVSEA-2-B-20250626
Comment B45040
Data File N2504140.D
Acq. Date-Time 7/16/2025 11:25:32 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

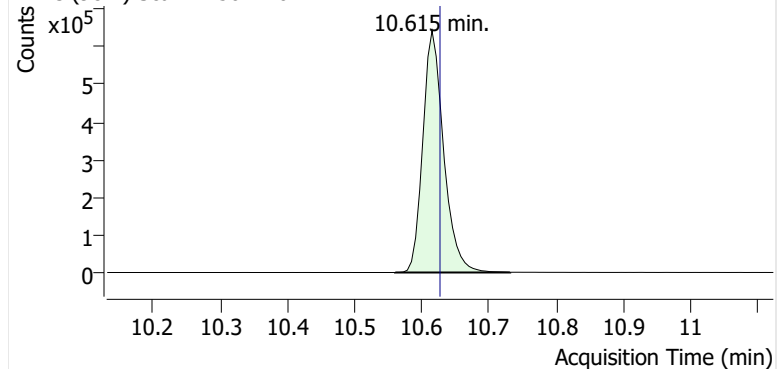
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	795,008	
Benzene	Benzene-d6 (IS)	8.046	8.119	9,287	
Toluene-d8 (IS)		10.615	10.627	1,386,274	
Toluene	Toluene-d8 (IS)	10.707	10.719	7,921	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	2,164	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.038	1,814	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	1,090	

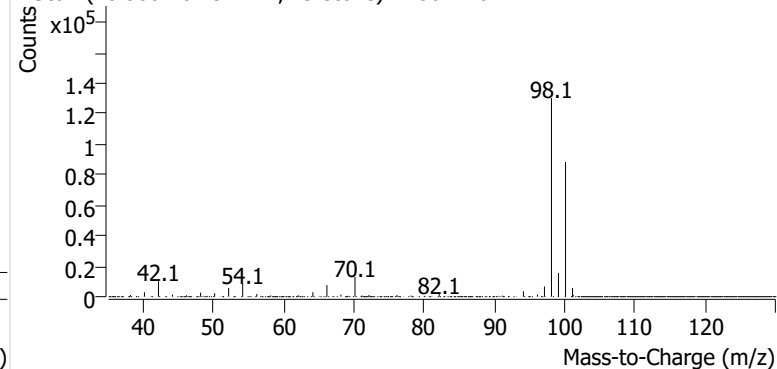
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

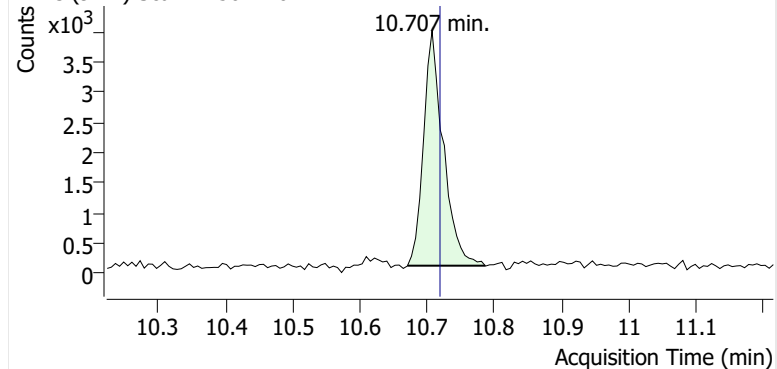
+ EIC (98.1) Scan N2504140.D



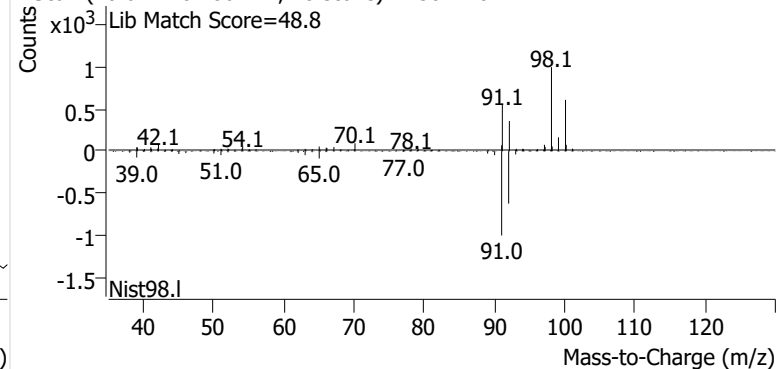
+ Scan (10.560-10.732 min, 29 scans) N2504140.D

**Toluene**

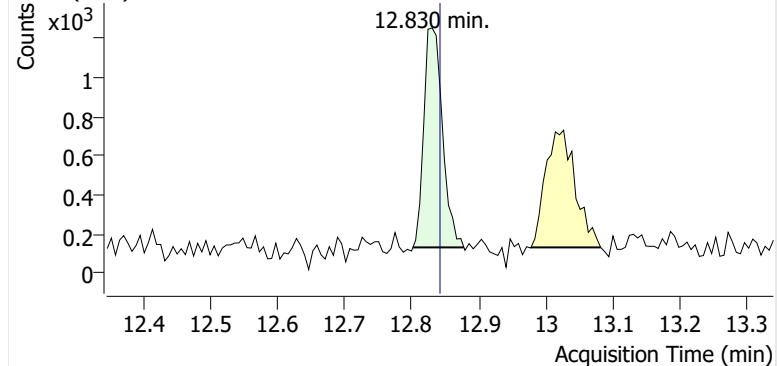
+ EIC (91.1) Scan N2504140.D



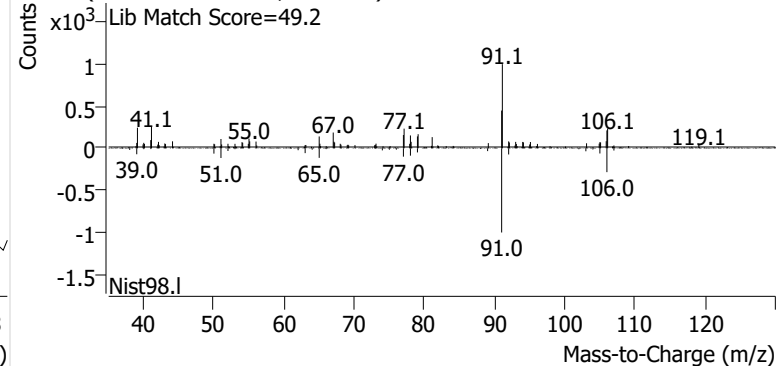
+ Scan (10.671-10.786 min, 18 scans) N2504140.D

**Ethylbenzene**

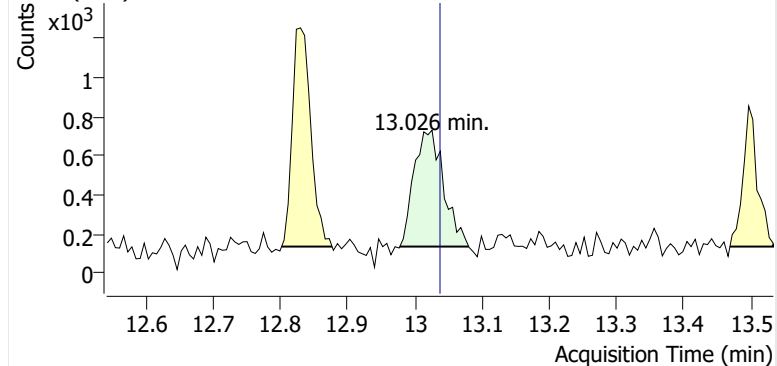
+ EIC (91.1) Scan N2504140.D



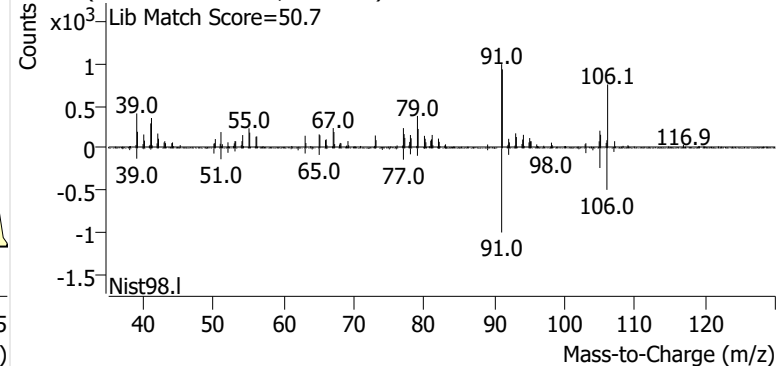
+ Scan (12.802-12.877 min, 12 scans) N2504140.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504140.D

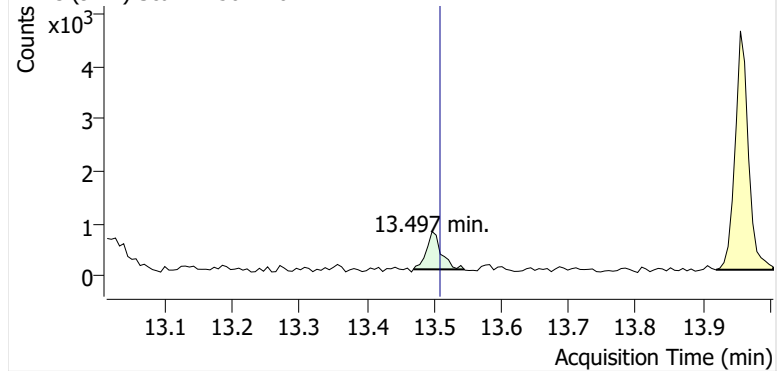


+ Scan (12.978-13.080 min, 16 scans) N2504140.D

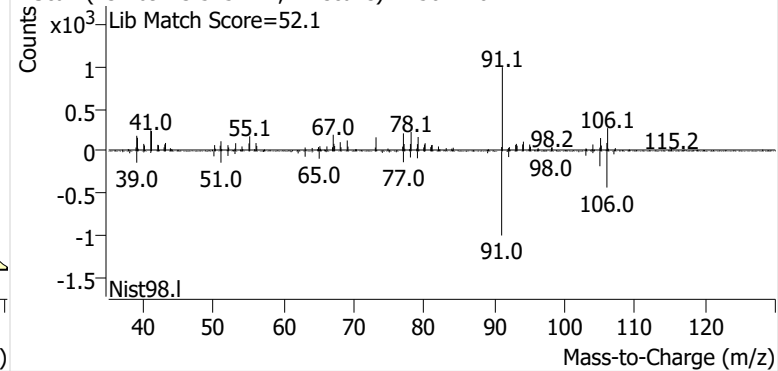


o-Xylene

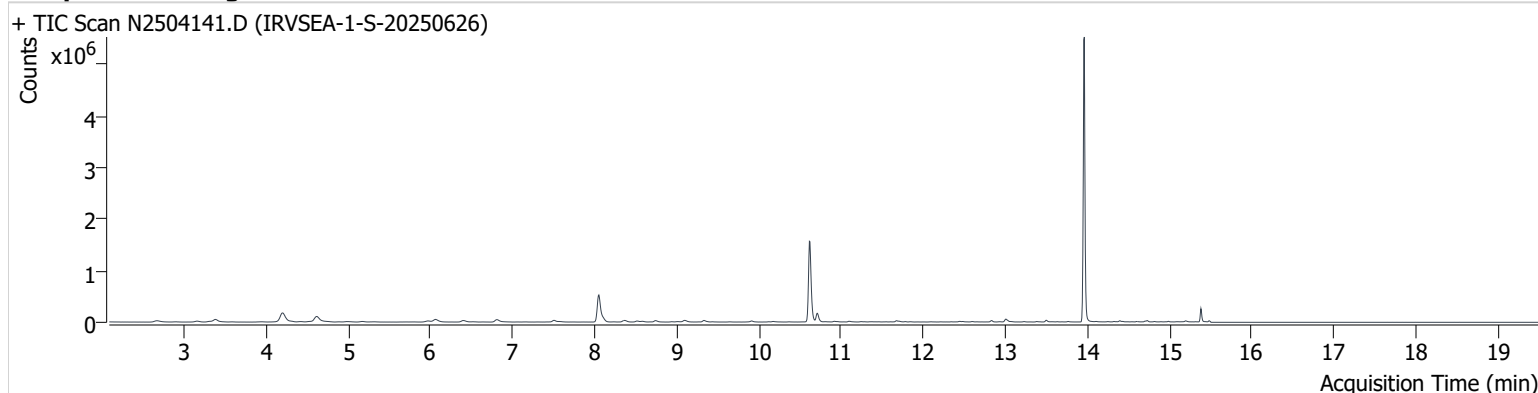
+ EIC (91.1) Scan N2504140.D



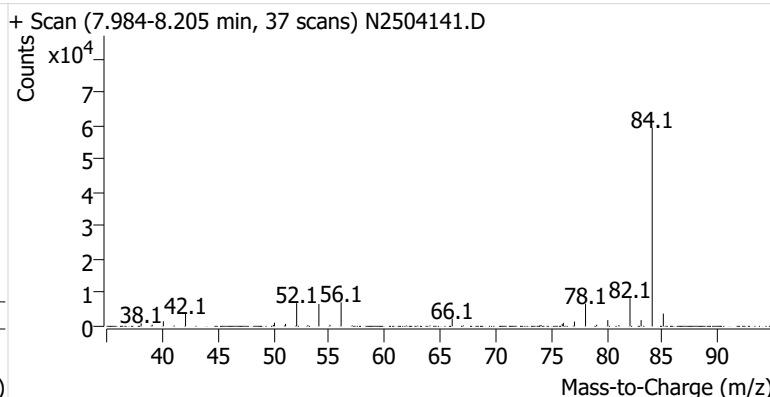
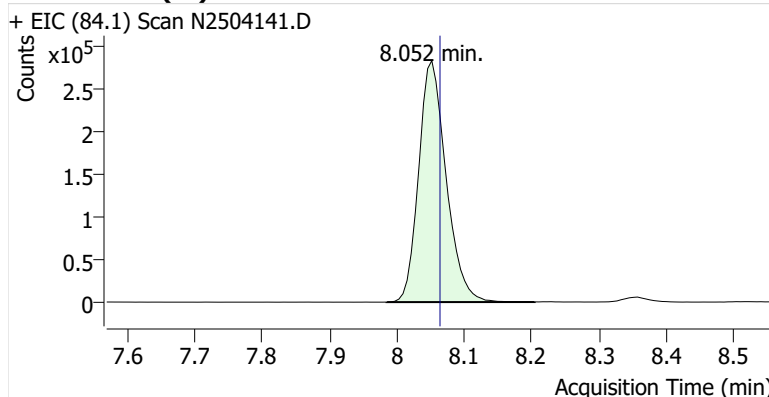
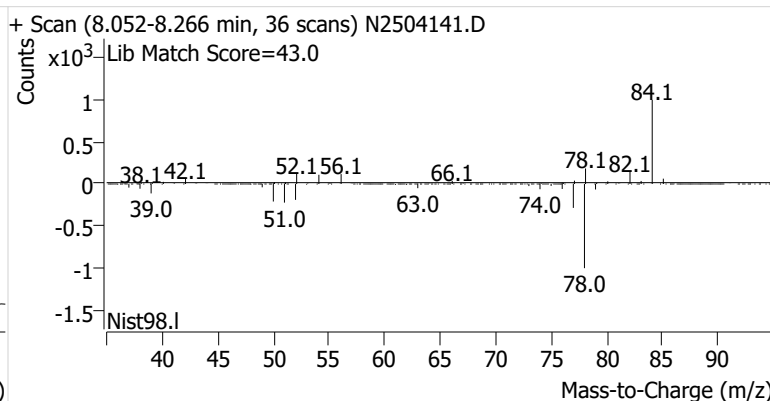
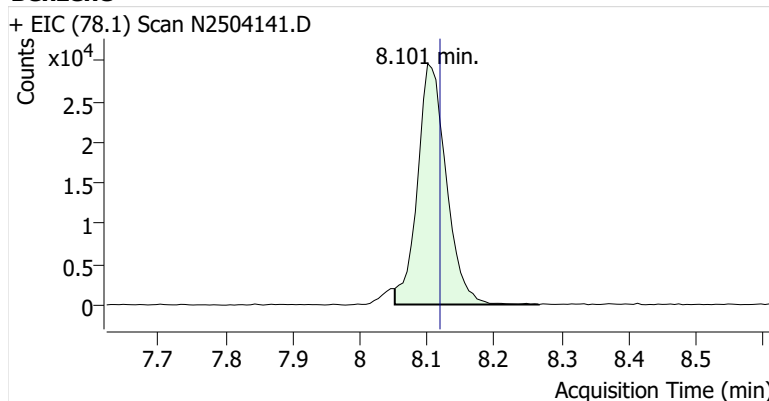
+ Scan (13.469-13.545 min, 12 scans) N2504140.D



Name IRVSEA-1-S-20250626
Comment B47080
Data File N2504141.D
Acq. Date-Time 7/17/2025 12:05:25 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

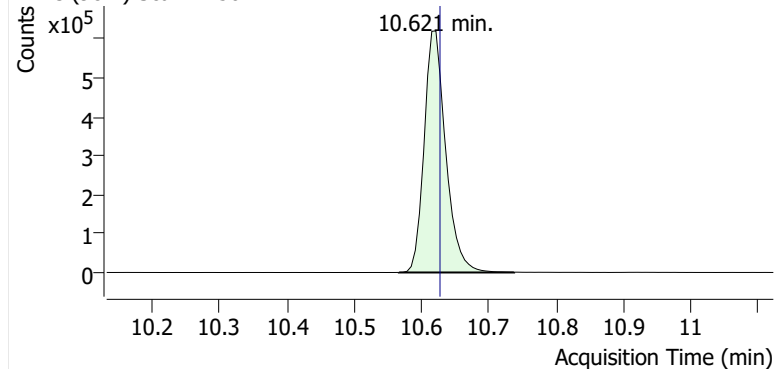
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	804,904	
Benzene	Benzene-d6 (IS)	8.101	8.119	88,007	
Toluene-d8 (IS)		10.621	10.627	1,383,121	
Toluene	Toluene-d8 (IS)	10.707	10.719	152,706	
Ethylbenzene	Toluene-d8 (IS)	12.836	12.842	22,052	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	49,712	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	22,858	

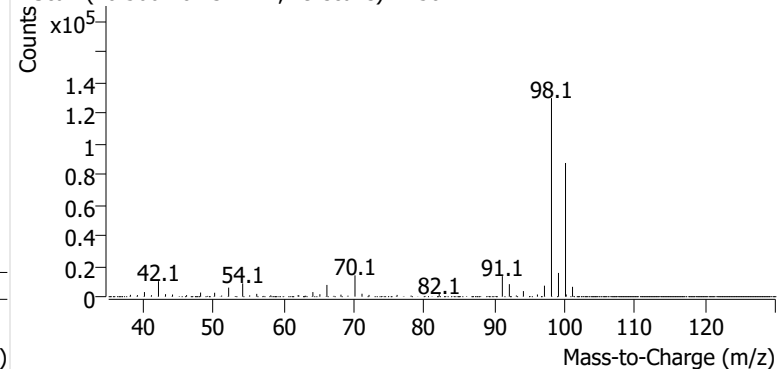
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

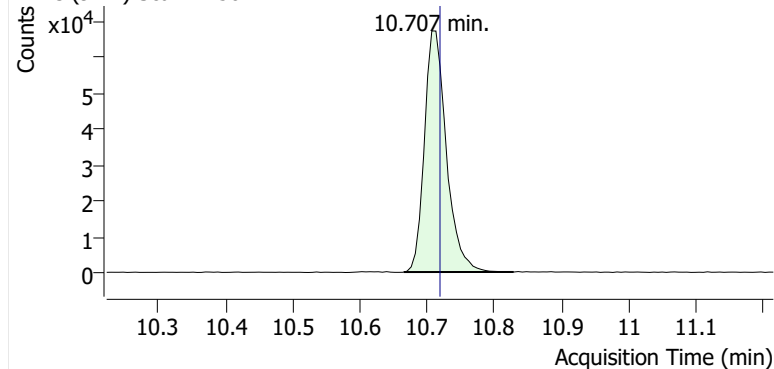
+ EIC (98.1) Scan N2504141.D



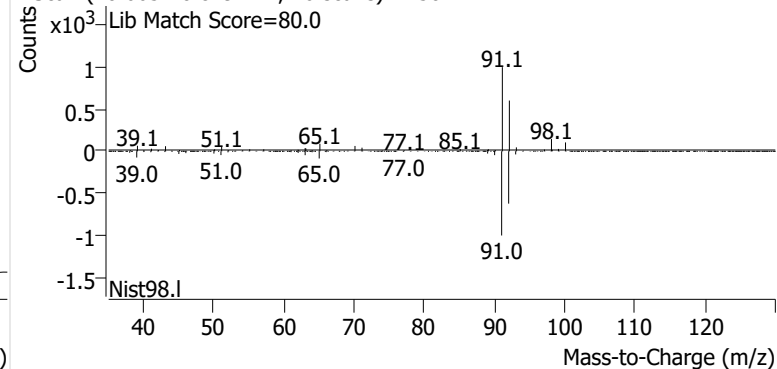
+ Scan (10.566-10.737 min, 29 scans) N2504141.D

**Toluene**

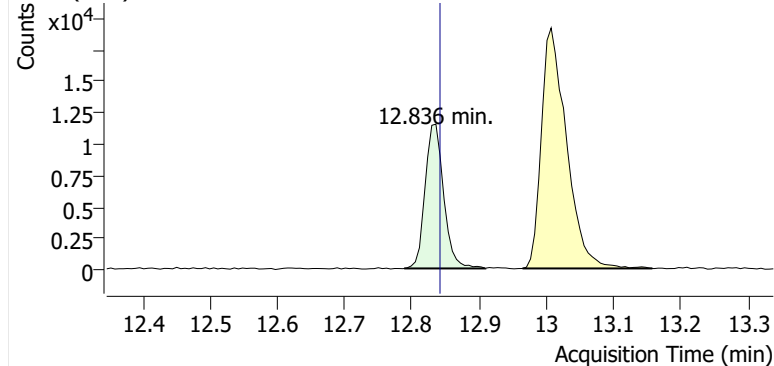
+ EIC (91.1) Scan N2504141.D



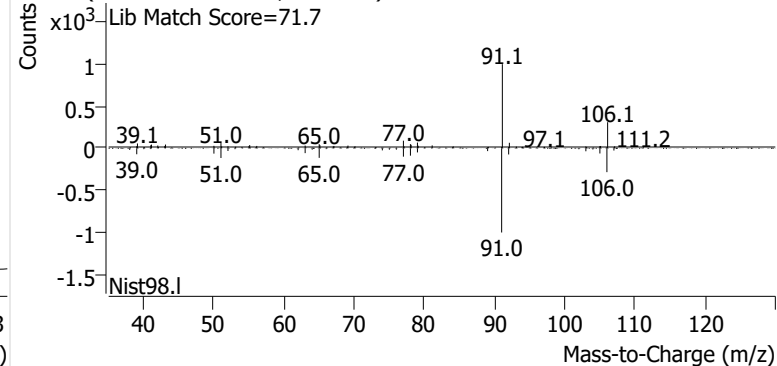
+ Scan (10.665-10.829 min, 26 scans) N2504141.D

**Ethylbenzene**

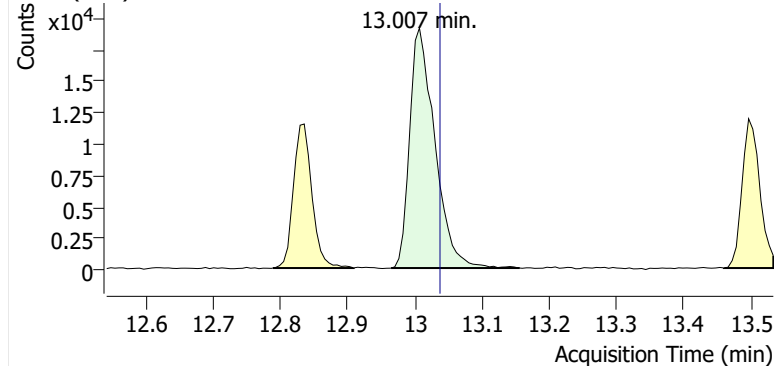
+ EIC (91.1) Scan N2504141.D



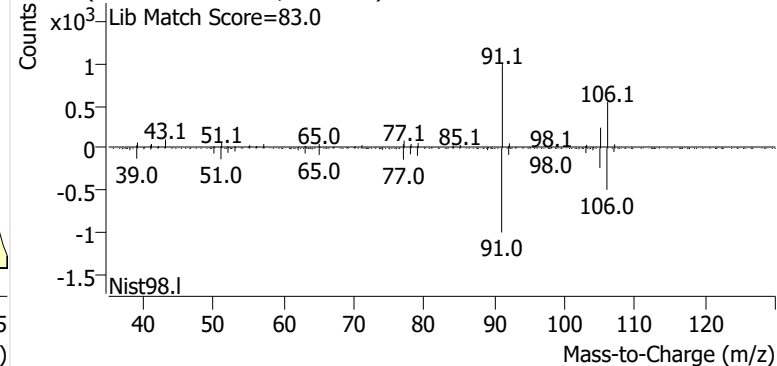
+ Scan (12.789-12.909 min, 20 scans) N2504141.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504141.D

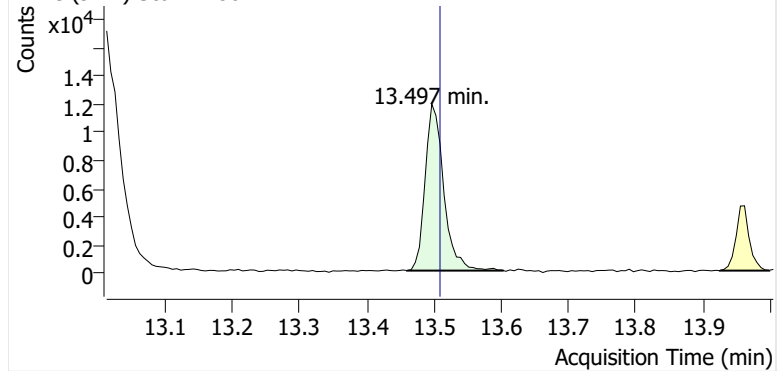


+ Scan (12.965-13.156 min, 31 scans) N2504141.D

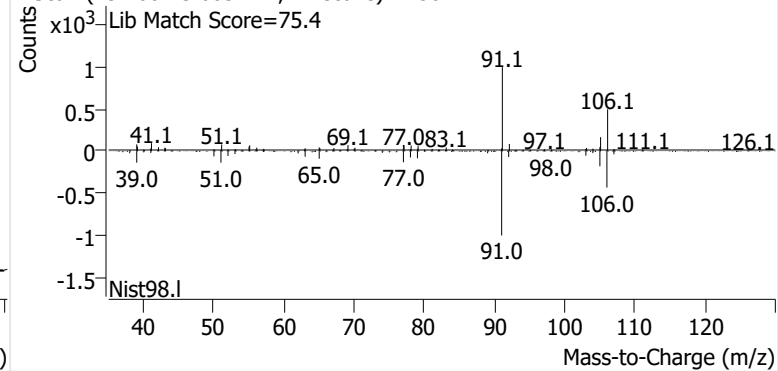


o-Xylene

+ EIC (91.1) Scan N2504141.D

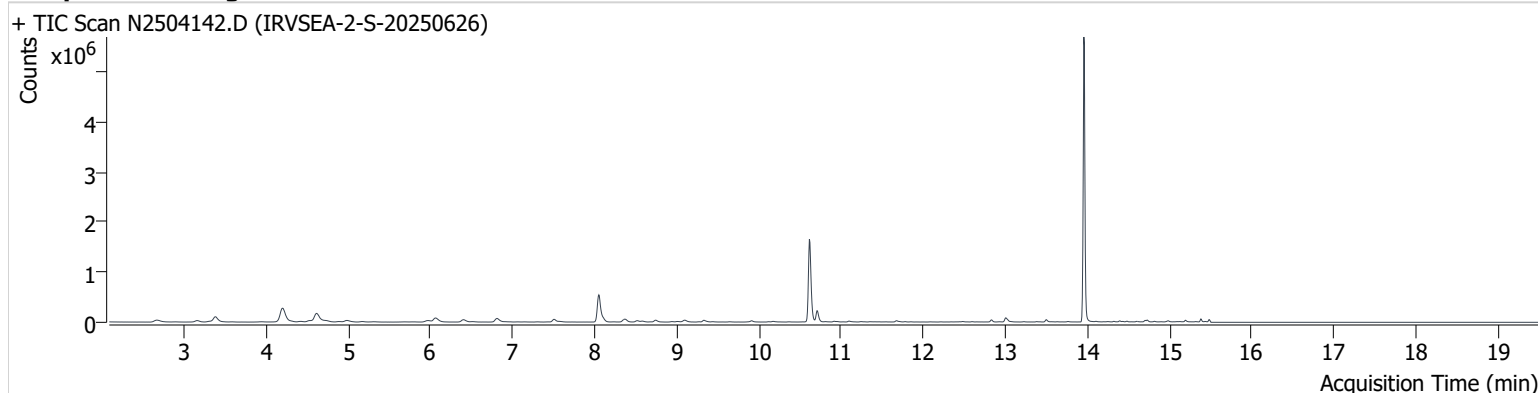


+ Scan (13.460-13.603 min, 24 scans) N2504141.D



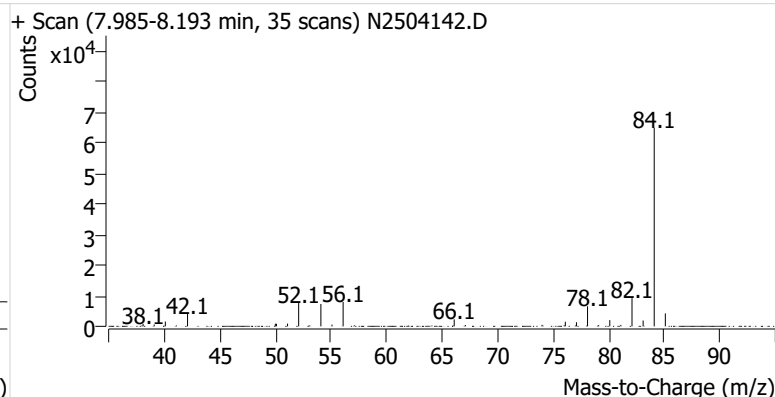
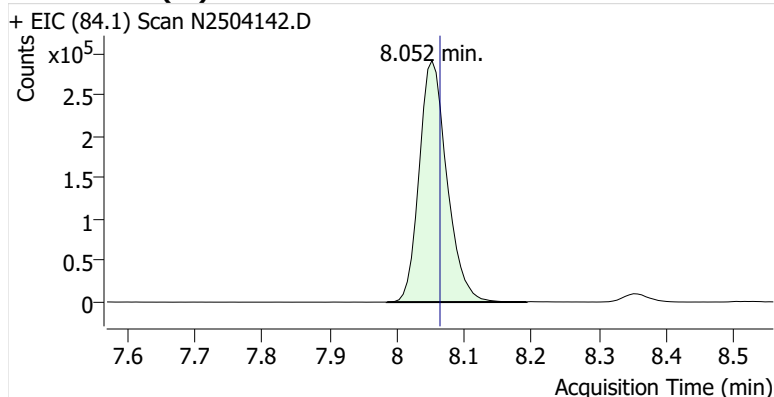
Name IRVSEA-2-S-20250626
Comment C40668
Data File N2504142.D
Acq. Date-Time 7/17/2025 12:45:19 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

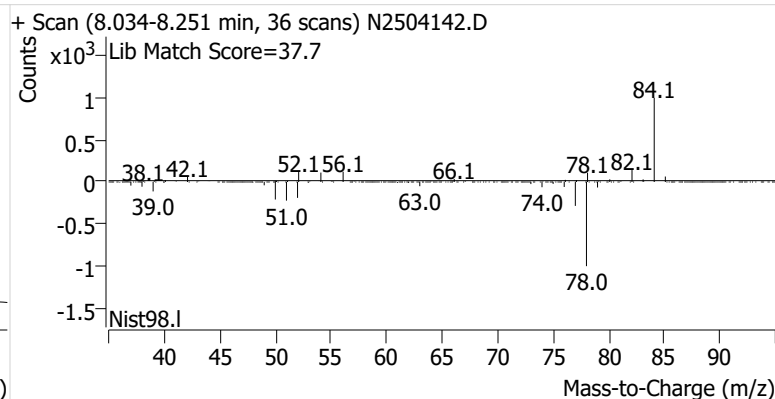
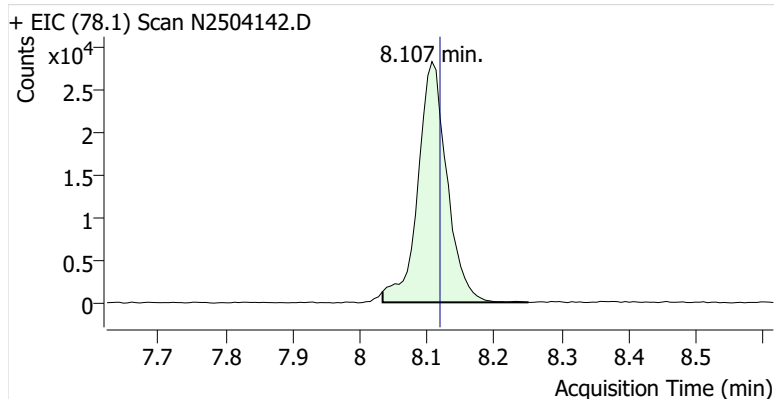


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	831,448	
Benzene	Benzene-d6 (IS)	8.107	8.119	84,605	
Toluene-d8 (IS)		10.615	10.627	1,461,149	
Toluene	Toluene-d8 (IS)	10.707	10.719	206,007	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	34,470	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	77,478	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	31,434	

Benzene-d6 (IS)

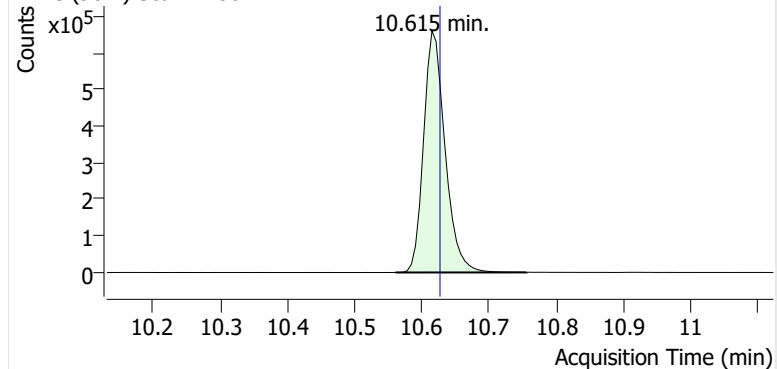


Benzene

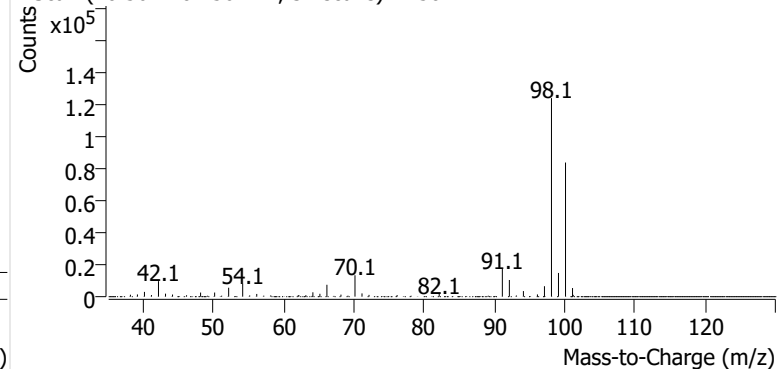


Toluene-d8 (IS)

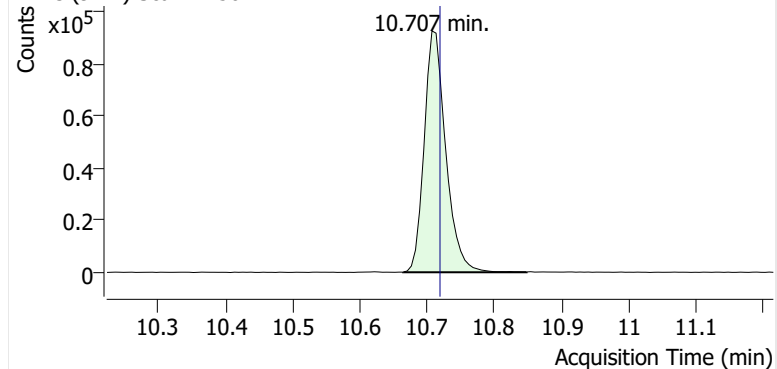
+ EIC (98.1) Scan N2504142.D



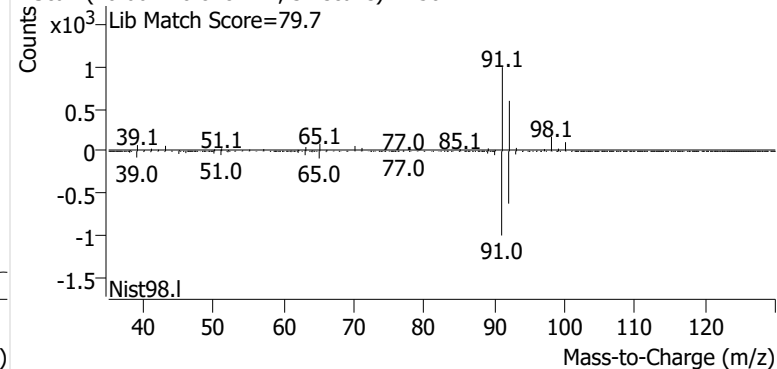
+ Scan (10.561-10.756 min, 32 scans) N2504142.D

**Toluene**

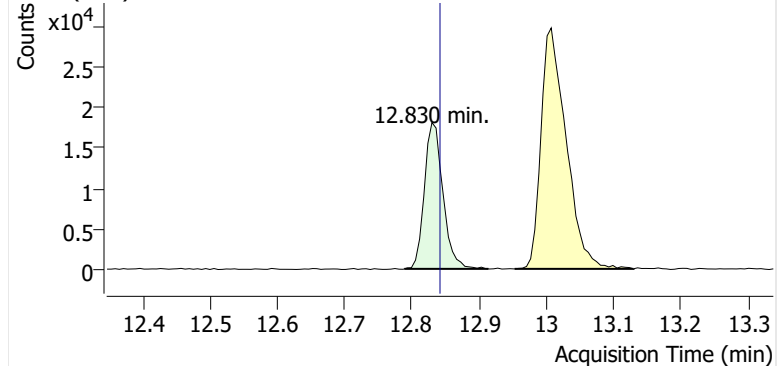
+ EIC (91.1) Scan N2504142.D



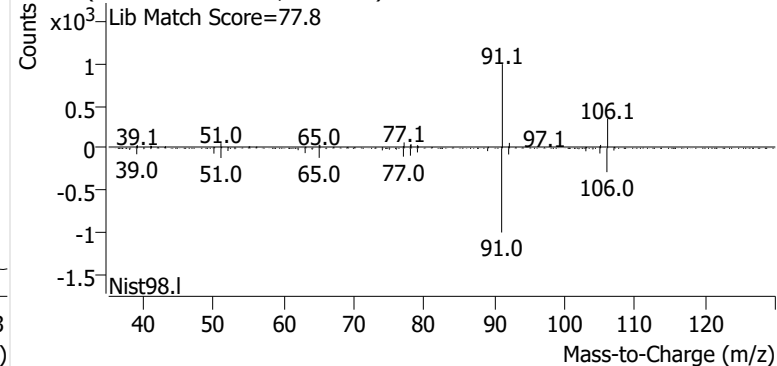
+ Scan (10.664-10.848 min, 31 scans) N2504142.D

**Ethylbenzene**

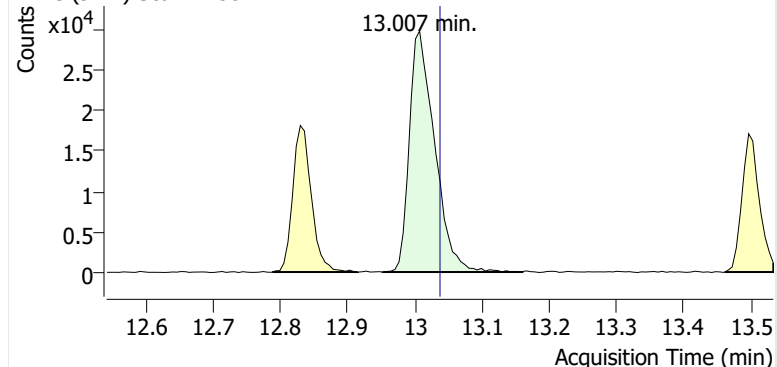
+ EIC (91.1) Scan N2504142.D



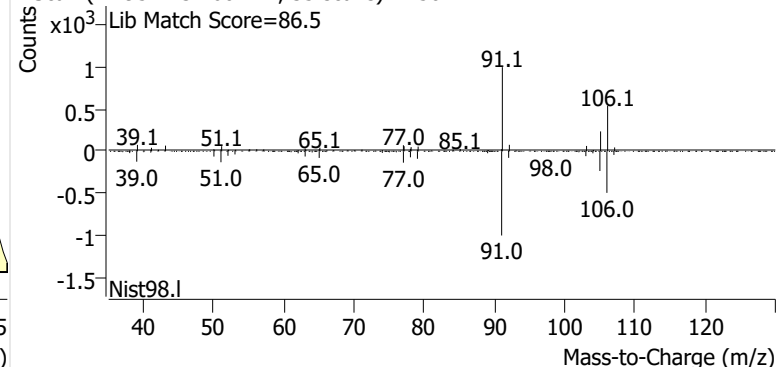
+ Scan (12.789-12.914 min, 20 scans) N2504142.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504142.D

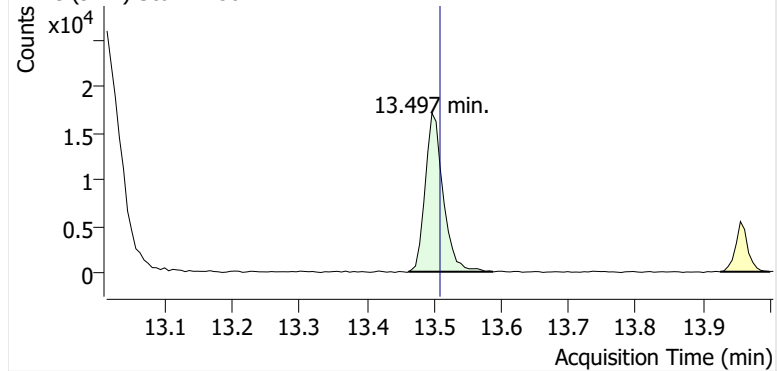


+ Scan (12.952-13.160 min, 35 scans) N2504142.D

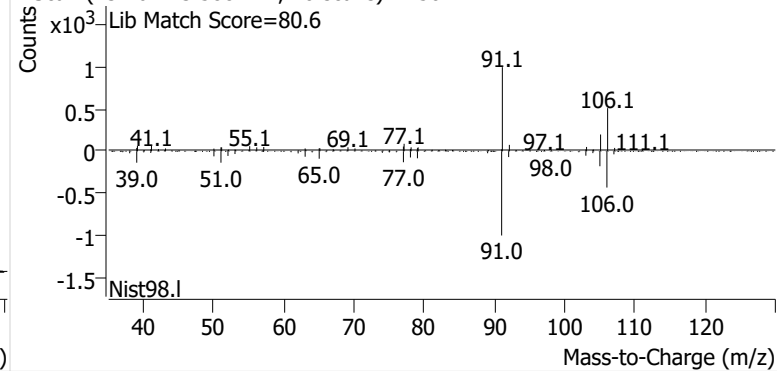


o-Xylene

+ EIC (91.1) Scan N2504142.D

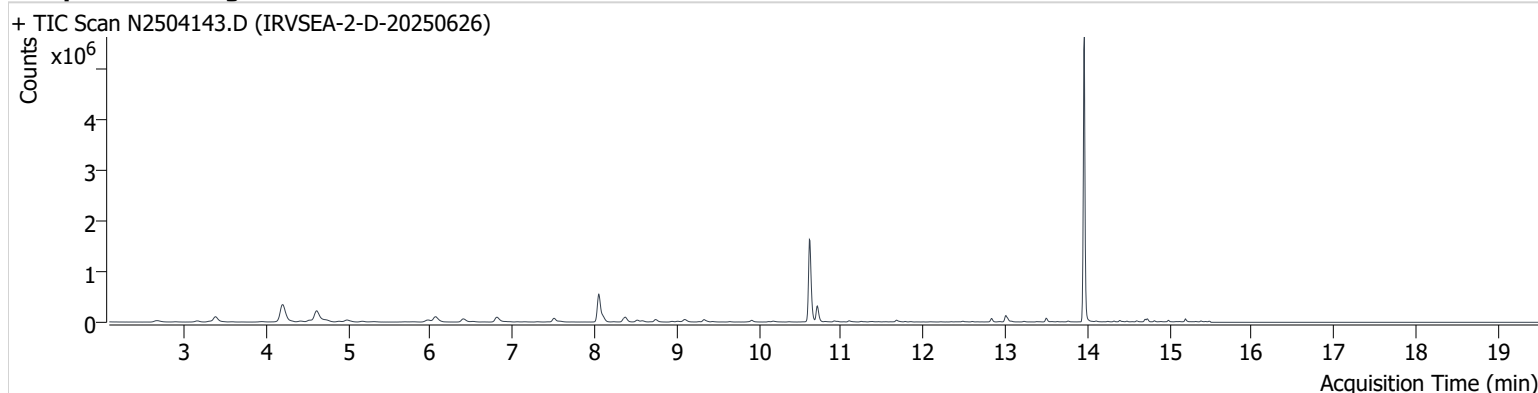


+ Scan (13.462-13.588 min, 20 scans) N2504142.D



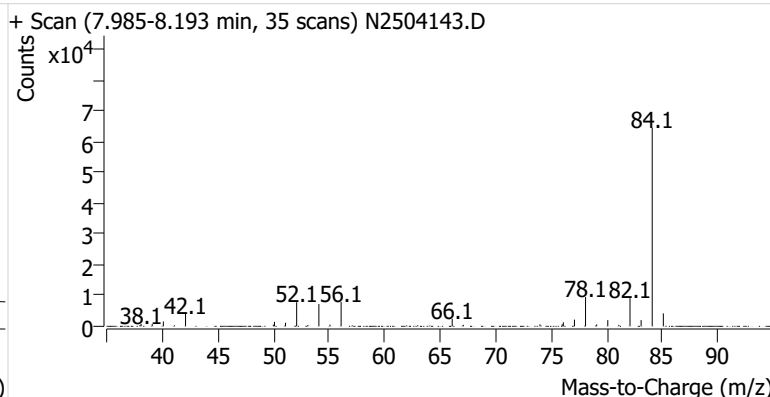
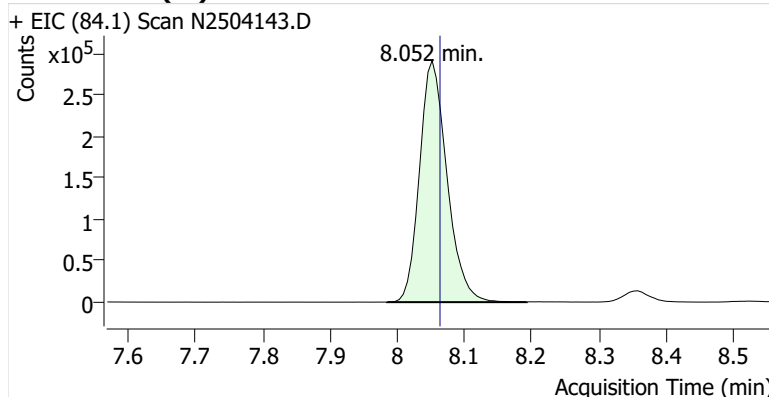
Name IRVSEA-2-D-20250626
Comment B17101
Data File N2504143.D
Acq. Date-Time 7/17/2025 1:25:15 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

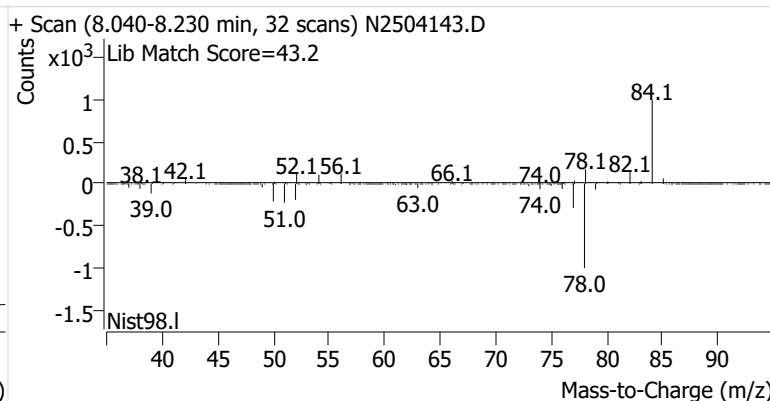
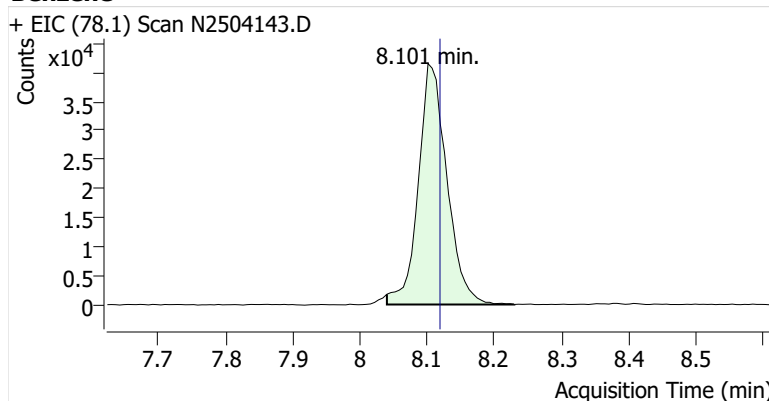


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	829,686	
Benzene	Benzene-d6 (IS)	8.101	8.119	122,353	
Toluene-d8 (IS)		10.616	10.627	1,431,462	
Toluene	Toluene-d8 (IS)	10.713	10.719	290,866	
Ethylbenzene	Toluene-d8 (IS)	12.836	12.842	56,585	
m-/p-Xylenes	Toluene-d8 (IS)	13.008	13.038	116,933	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	50,251	

Benzene-d6 (IS)

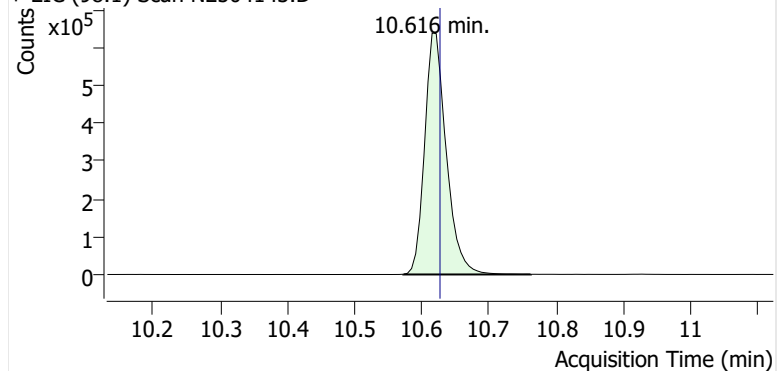


Benzene

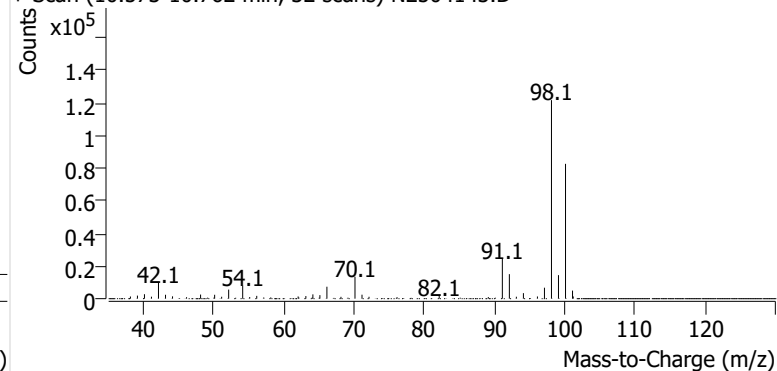


Toluene-d8 (IS)

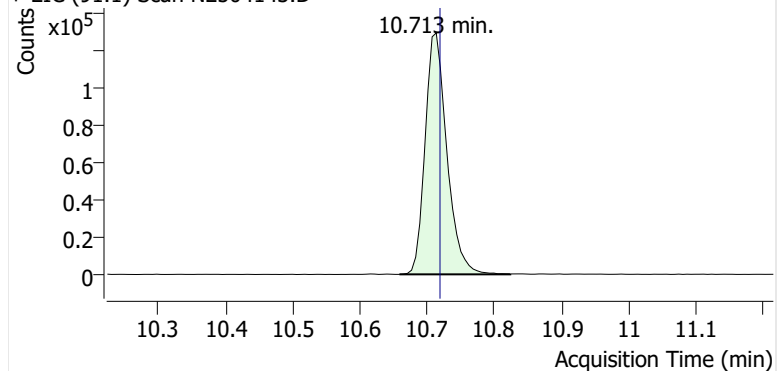
+ EIC (98.1) Scan N2504143.D



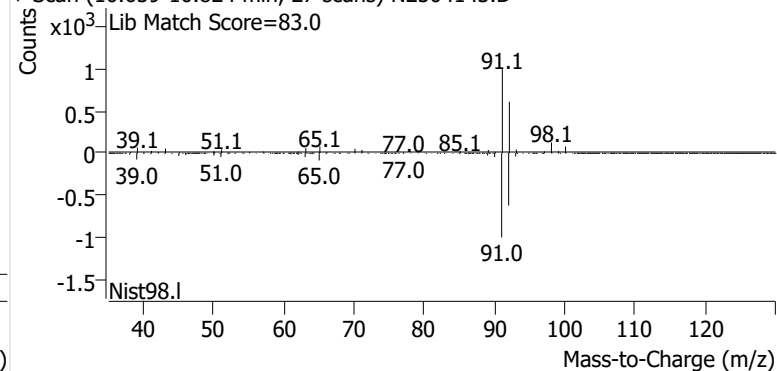
+ Scan (10.573-10.762 min, 32 scans) N2504143.D

**Toluene**

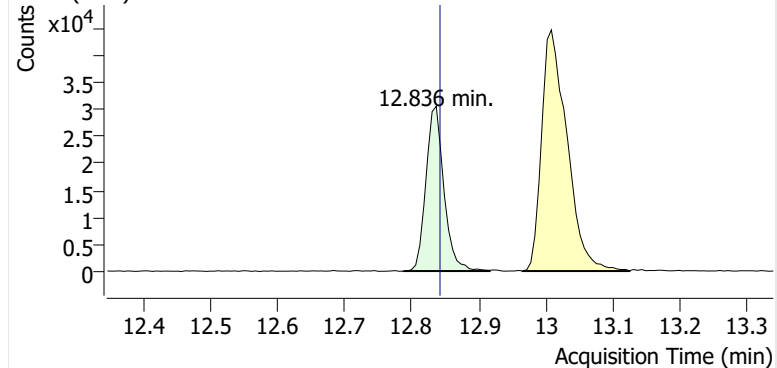
+ EIC (91.1) Scan N2504143.D



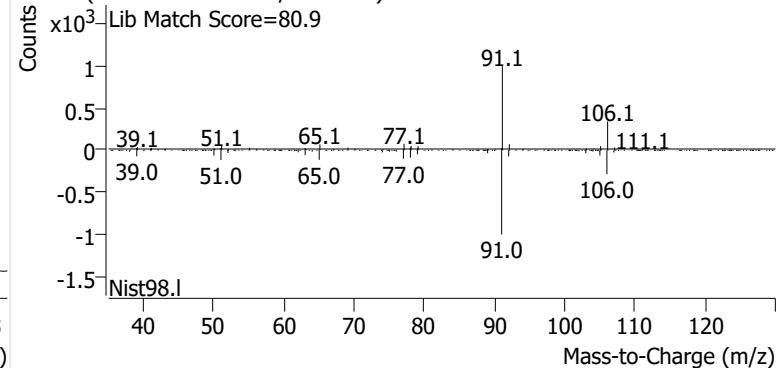
+ Scan (10.659-10.824 min, 27 scans) N2504143.D

**Ethylbenzene**

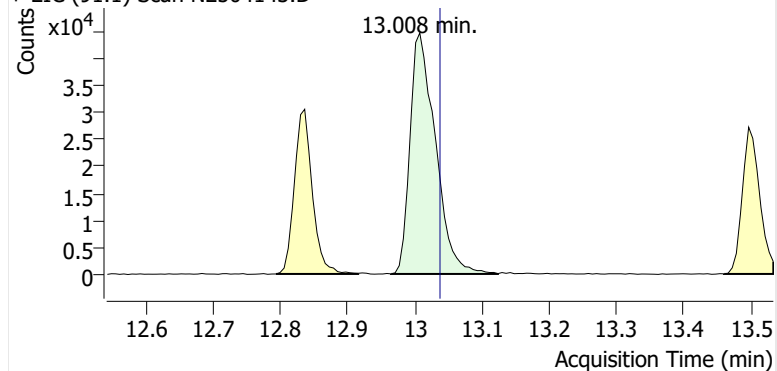
+ EIC (91.1) Scan N2504143.D



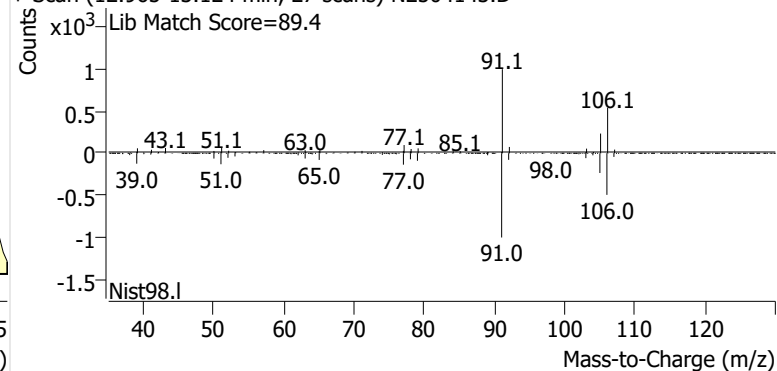
+ Scan (12.787-12.916 min, 22 scans) N2504143.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504143.D

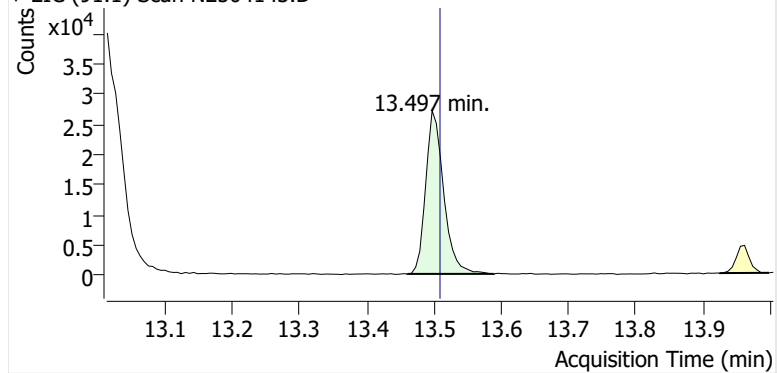


+ Scan (12.965-13.124 min, 27 scans) N2504143.D

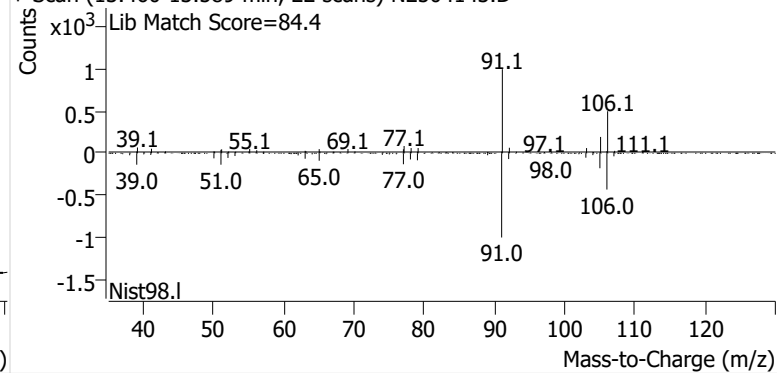


o-Xylene

+ EIC (91.1) Scan N2504143.D

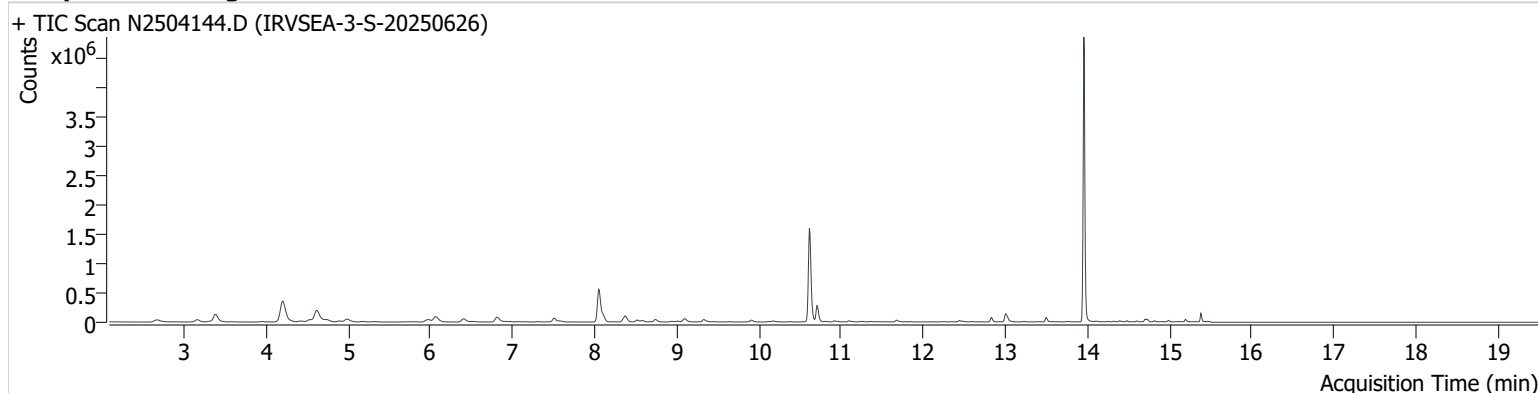


+ Scan (13.460-13.589 min, 22 scans) N2504143.D



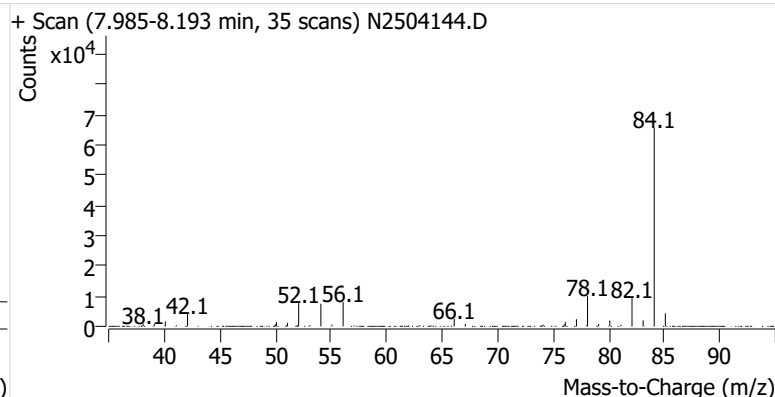
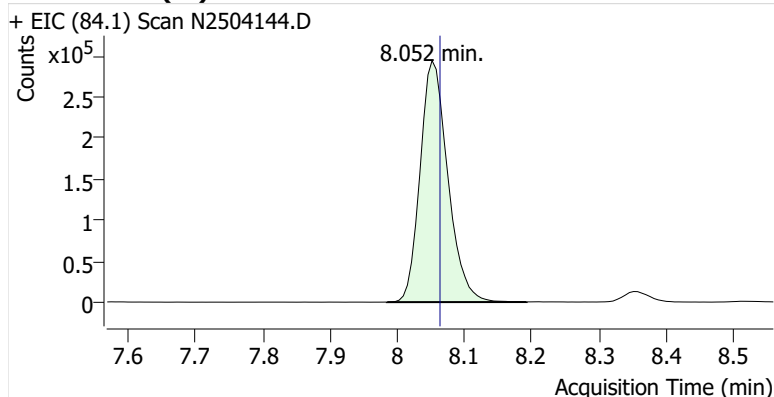
Name IRVSEA-3-S-20250626
Comment B33081
Data File N2504144.D
Acq. Date-Time 7/17/2025 2:05:10 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

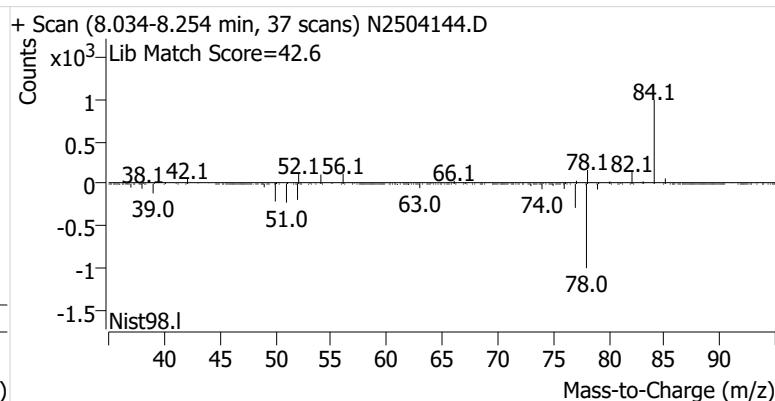
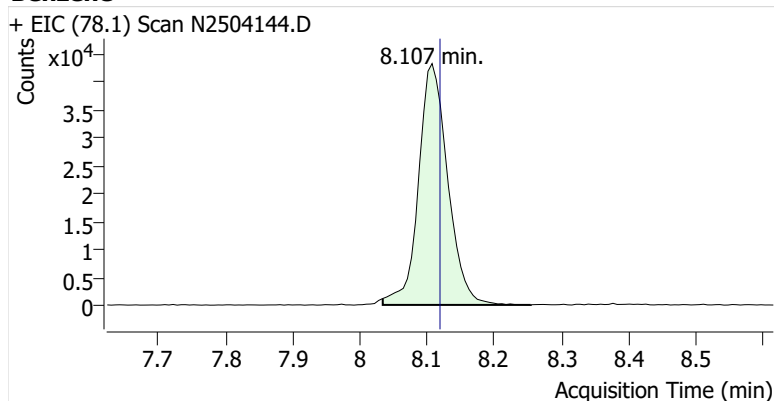


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	842,141	
Benzene	Benzene-d6 (IS)	8.107	8.119	131,097	
Toluene-d8 (IS)		10.615	10.627	1,398,051	
Toluene	Toluene-d8 (IS)	10.707	10.719	251,037	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	62,763	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	133,450	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	50,631	

Benzene-d6 (IS)

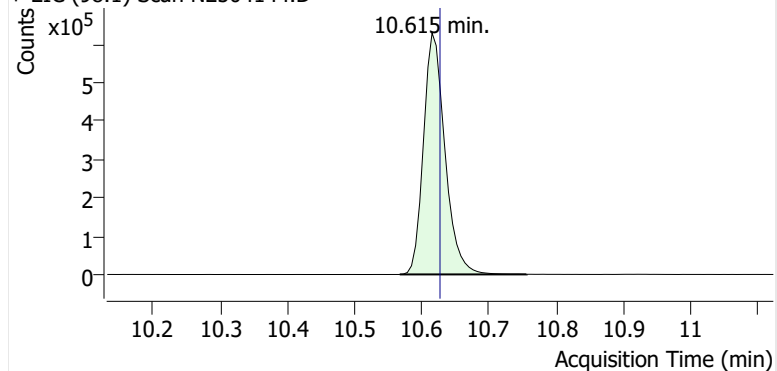


Benzene

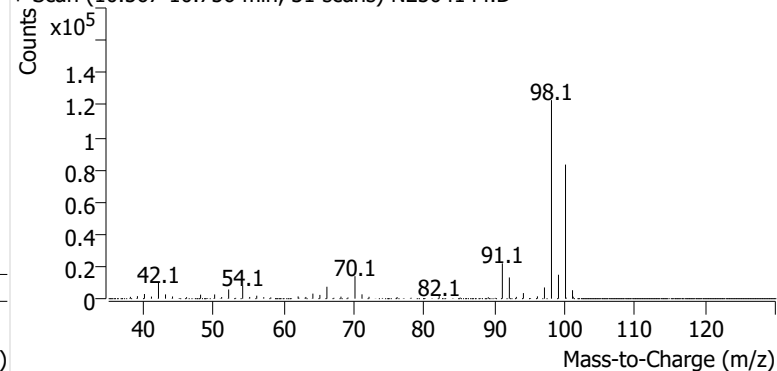


Toluene-d8 (IS)

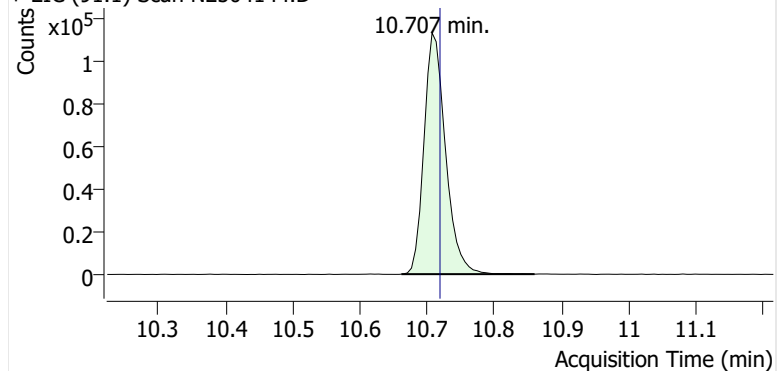
+ EIC (98.1) Scan N2504144.D



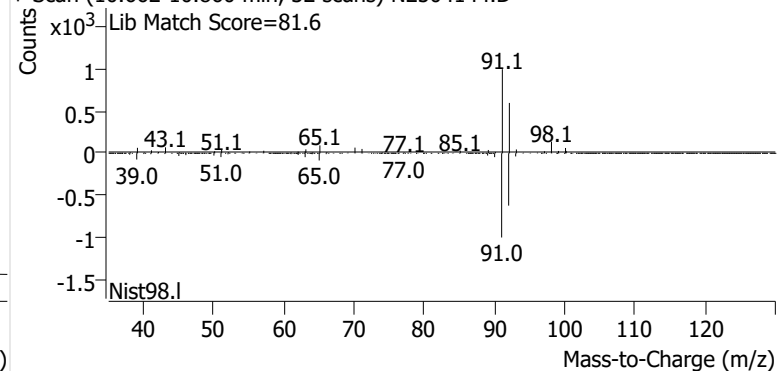
+ Scan (10.567-10.756 min, 31 scans) N2504144.D

**Toluene**

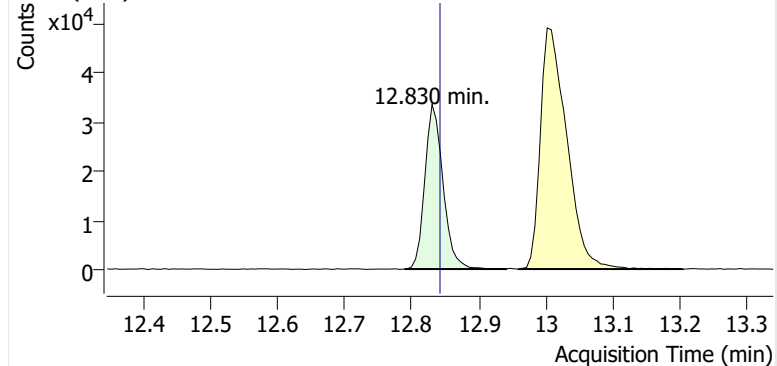
+ EIC (91.1) Scan N2504144.D



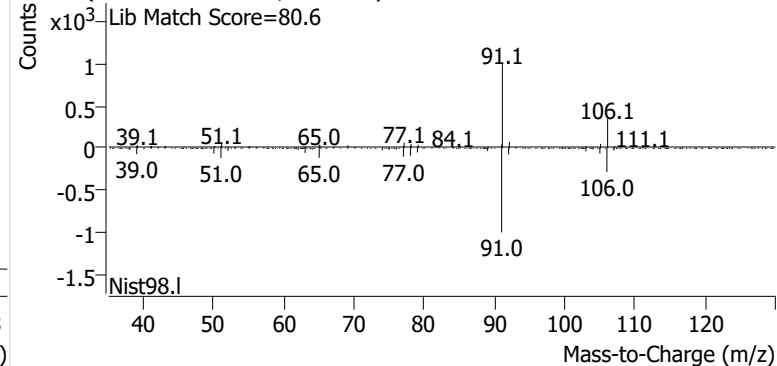
+ Scan (10.662-10.860 min, 32 scans) N2504144.D

**Ethylbenzene**

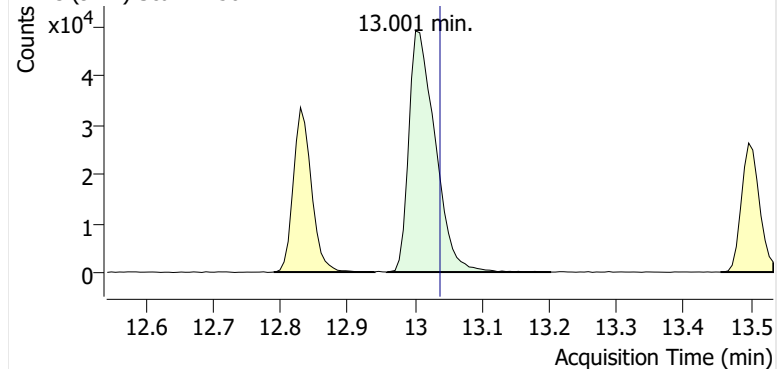
+ EIC (91.1) Scan N2504144.D



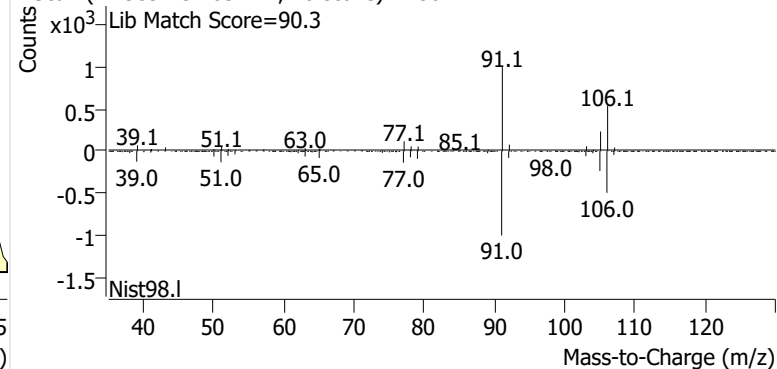
+ Scan (12.789-12.940 min, 25 scans) N2504144.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504144.D

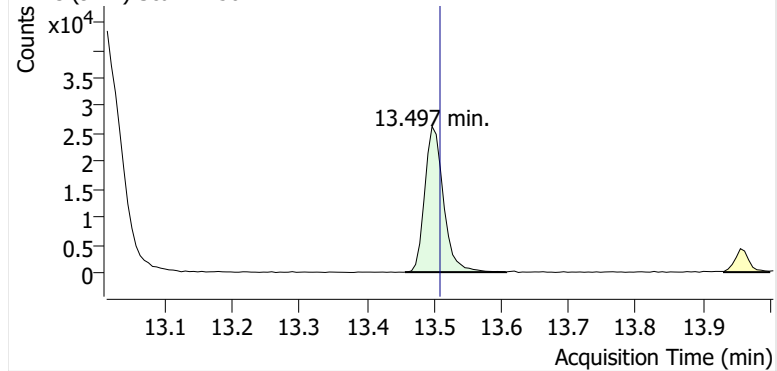


+ Scan (12.959-13.203 min, 40 scans) N2504144.D

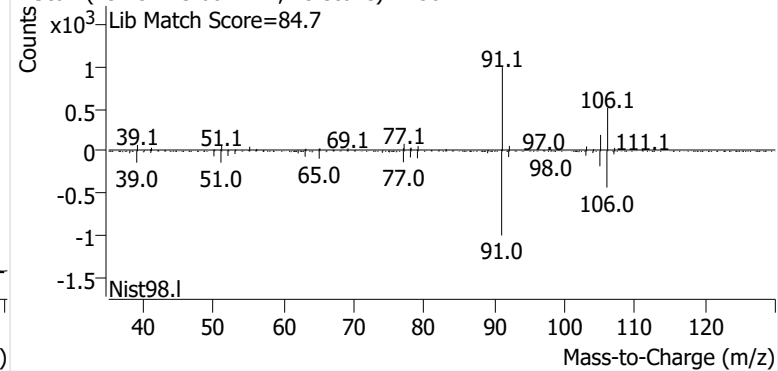


o-Xylene

+ EIC (91.1) Scan N2504144.D

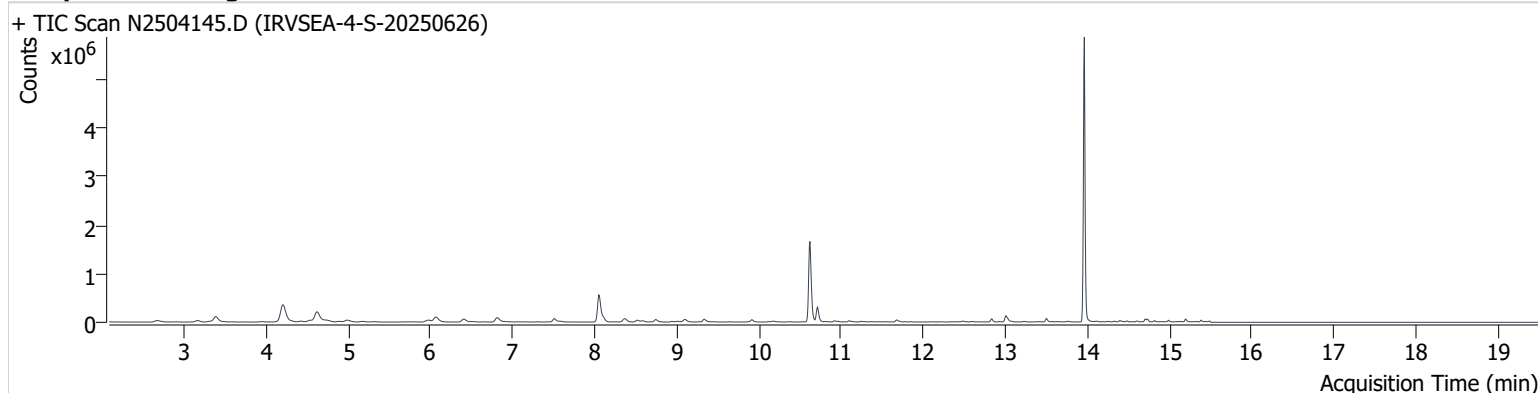


+ Scan (13.457-13.607 min, 25 scans) N2504144.D



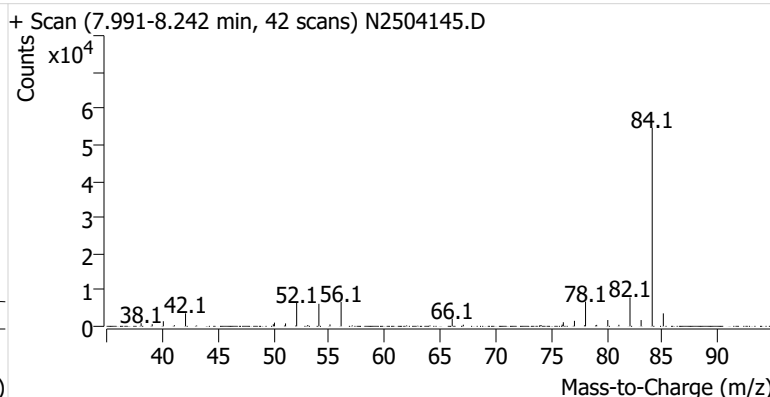
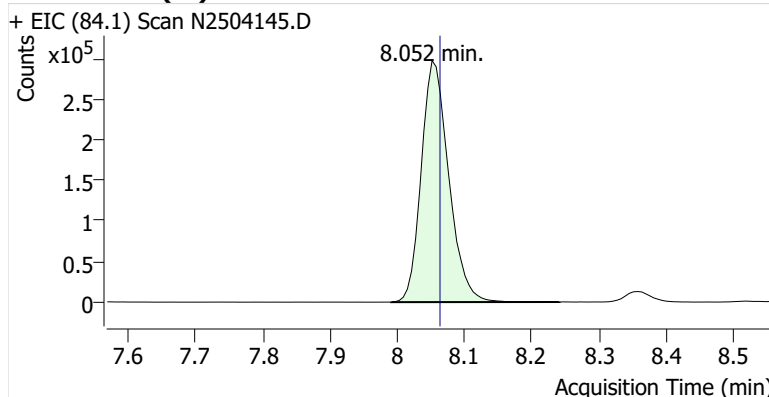
Name IRVSEA-4-S-20250626
Comment B46315
Data File N2504145.D
Acq. Date-Time 7/17/2025 2:45:03 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

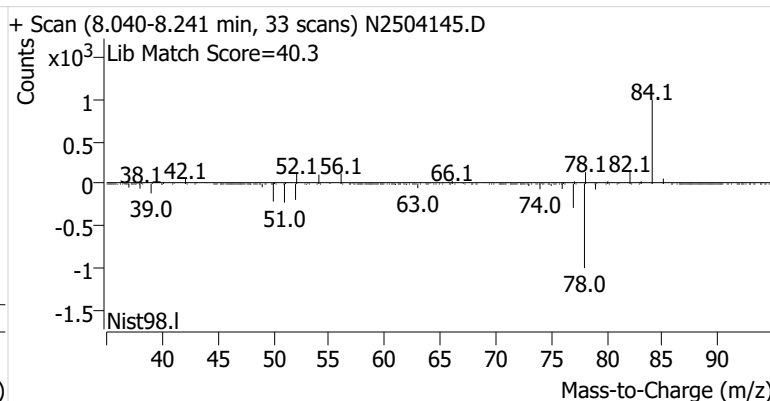
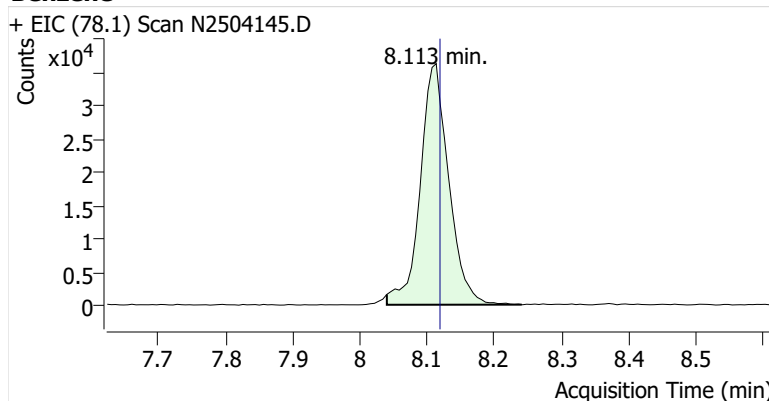


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	842,766	
Benzene	Benzene-d6 (IS)	8.113	8.119	106,928	
Toluene-d8 (IS)		10.622	10.627	1,450,572	
Toluene	Toluene-d8 (IS)	10.713	10.719	271,922	
Ethylbenzene	Toluene-d8 (IS)	12.836	12.842	52,367	
m-/p-Xylenes	Toluene-d8 (IS)	13.008	13.038	117,209	
o-Xylene	Toluene-d8 (IS)	13.503	13.509	49,823	

Benzene-d6 (IS)

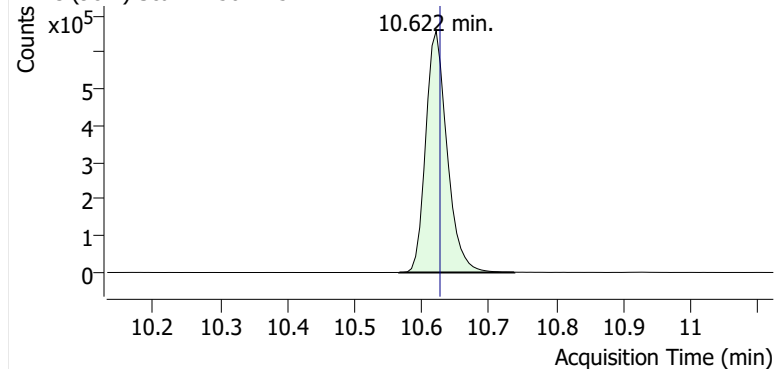


Benzene

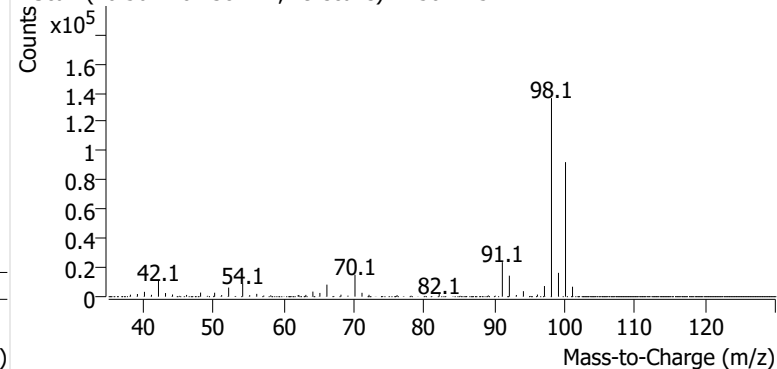


Toluene-d8 (IS)

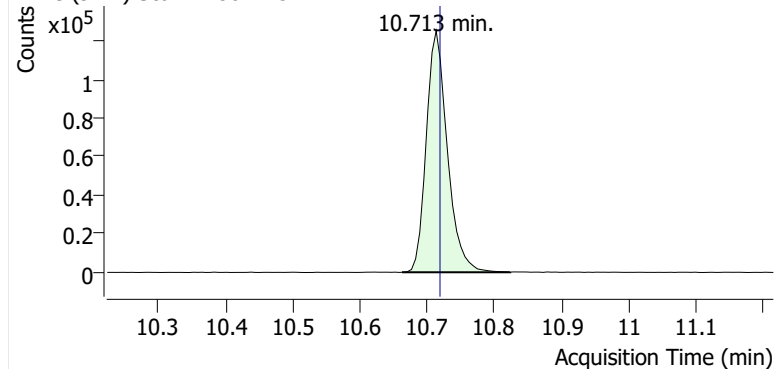
+ EIC (98.1) Scan N2504145.D



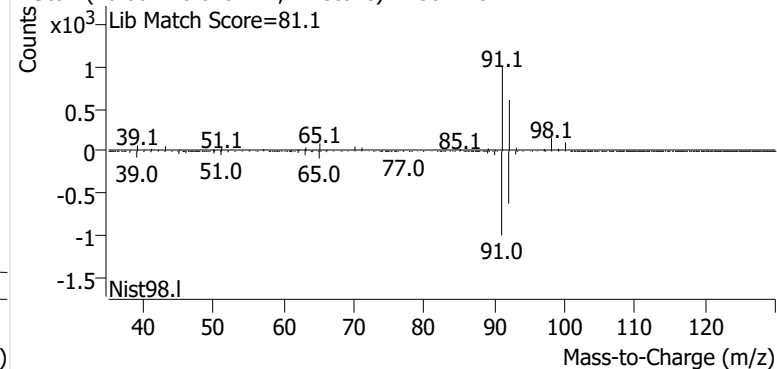
+ Scan (10.567-10.738 min, 29 scans) N2504145.D

**Toluene**

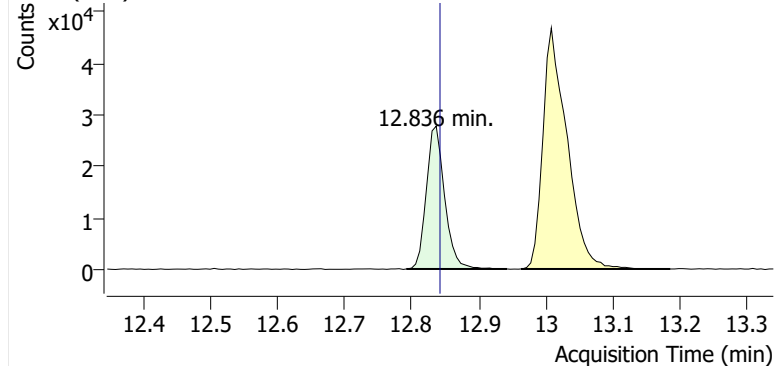
+ EIC (91.1) Scan N2504145.D



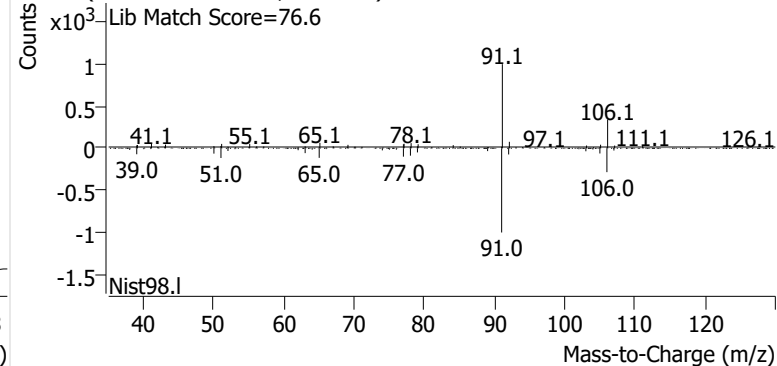
+ Scan (10.662-10.823 min, 27 scans) N2504145.D

**Ethylbenzene**

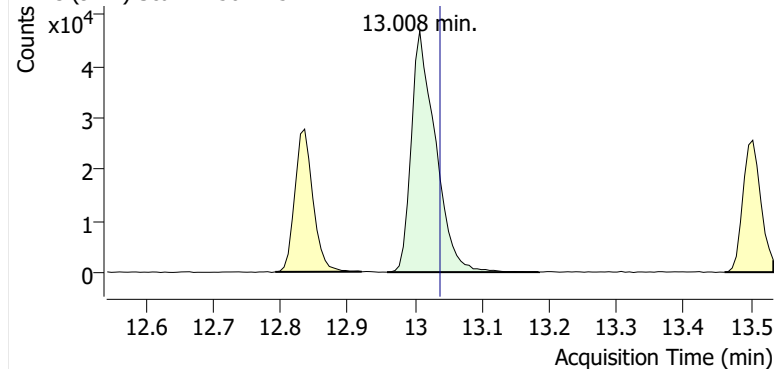
+ EIC (91.1) Scan N2504145.D



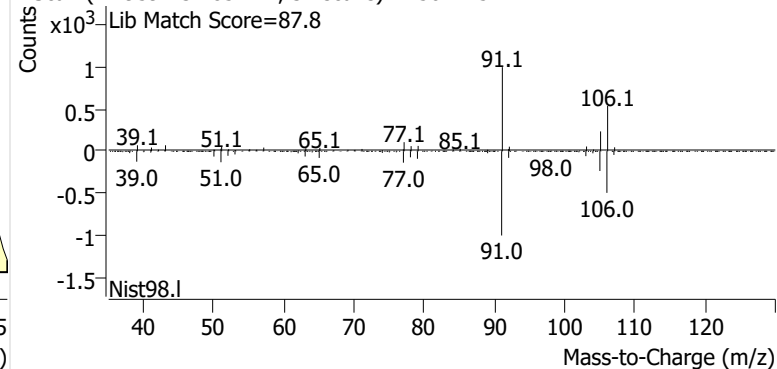
+ Scan (12.792-12.942 min, 25 scans) N2504145.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504145.D

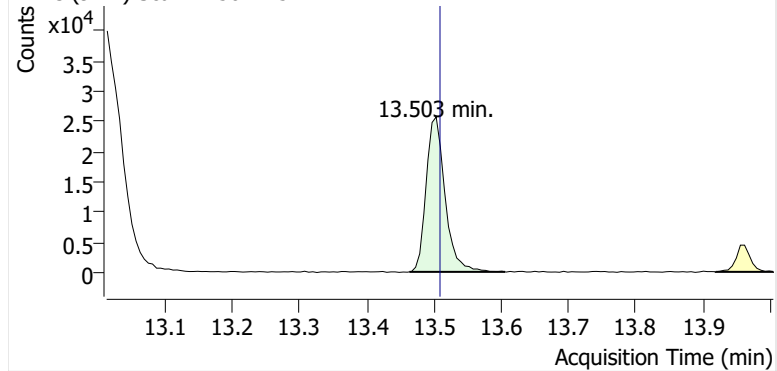


+ Scan (12.959-13.185 min, 37 scans) N2504145.D

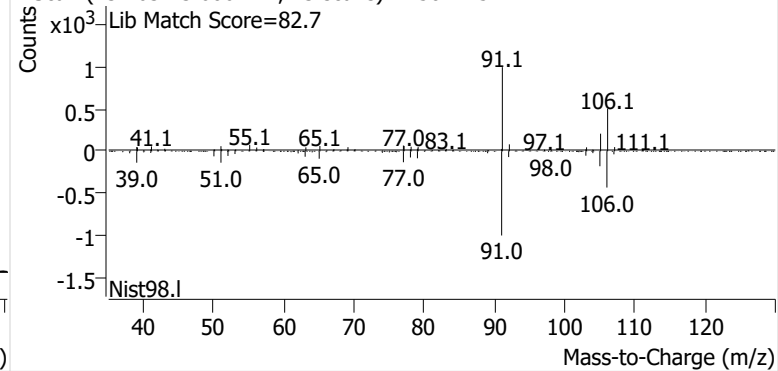


o-Xylene

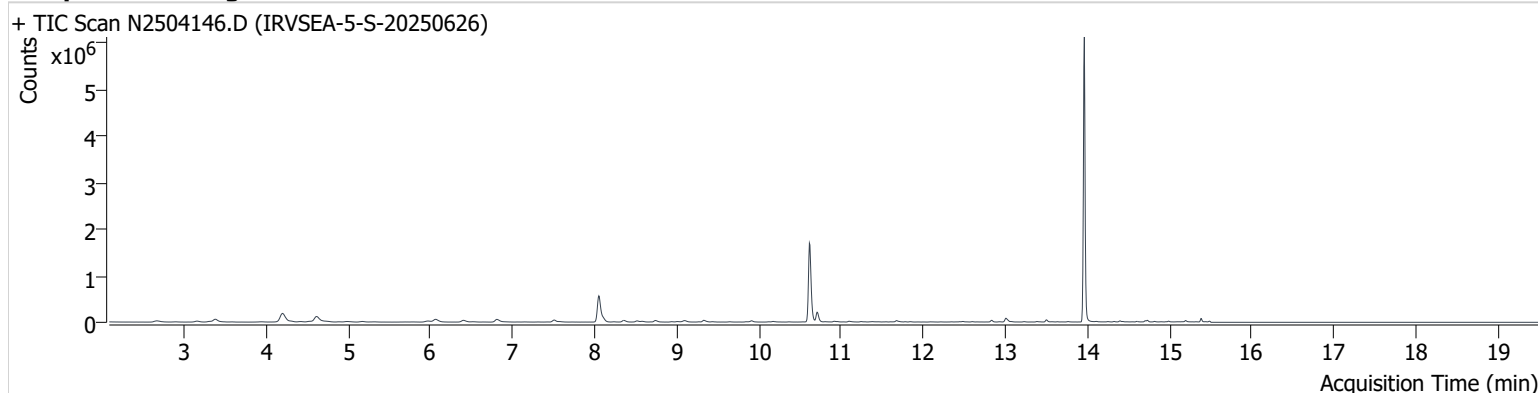
+ EIC (91.1) Scan N2504145.D



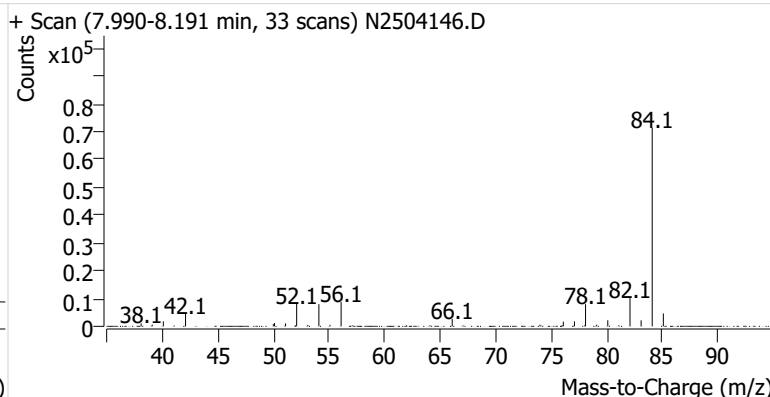
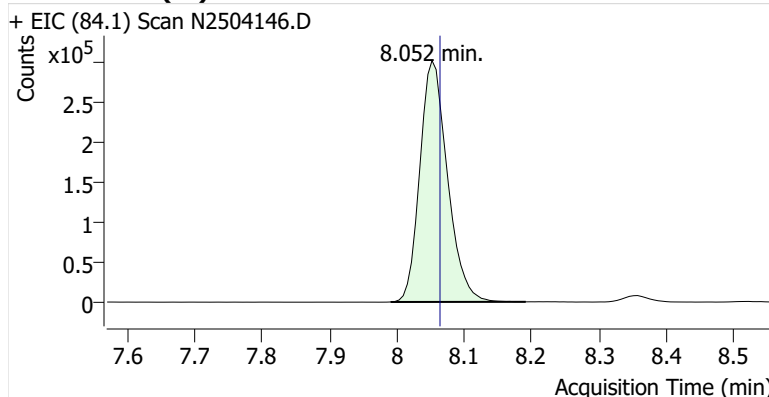
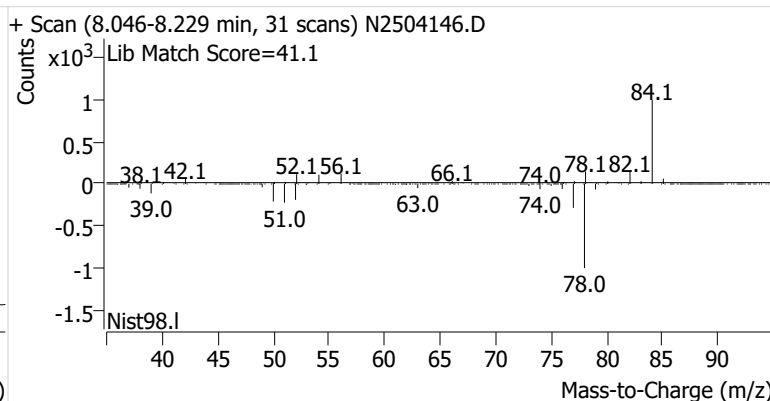
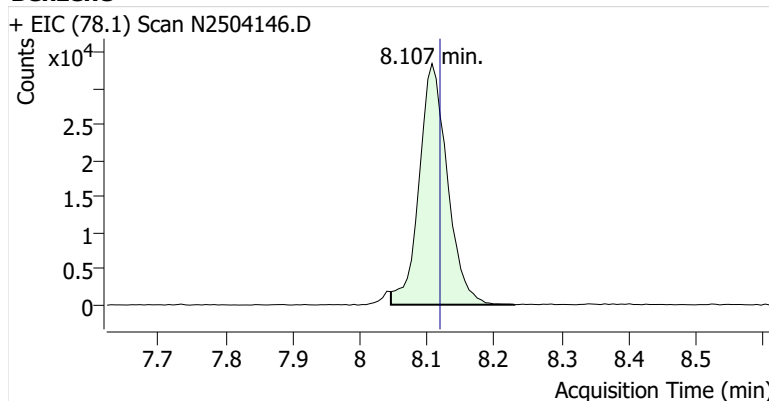
+ Scan (13.463-13.606 min, 23 scans) N2504145.D



Name IRVSEA-5-S-20250626
Comment B48527
Data File N2504146.D
Acq. Date-Time 7/17/2025 3:24:58 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

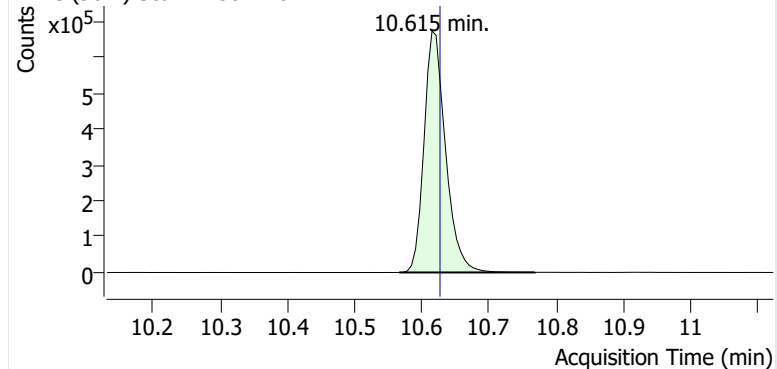
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	860,346	
Benzene	Benzene-d6 (IS)	8.107	8.119	97,172	
Toluene-d8 (IS)		10.615	10.627	1,496,953	
Toluene	Toluene-d8 (IS)	10.707	10.719	194,678	
Ethylbenzene	Toluene-d8 (IS)	12.836	12.842	29,406	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	72,557	
o-Xylene	Toluene-d8 (IS)	13.503	13.509	31,541	

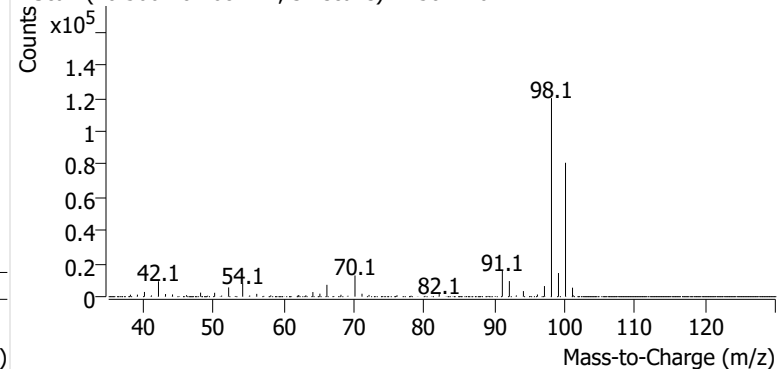
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

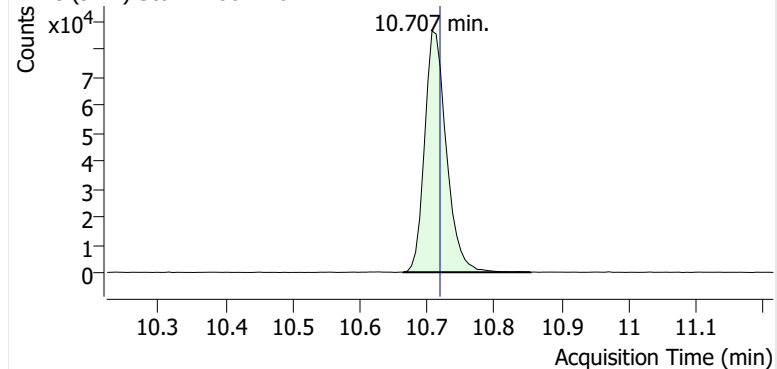
+ EIC (98.1) Scan N2504146.D



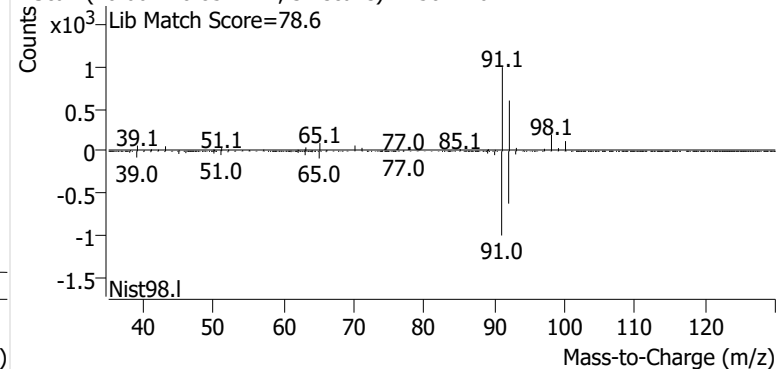
+ Scan (10.566-10.768 min, 34 scans) N2504146.D

**Toluene**

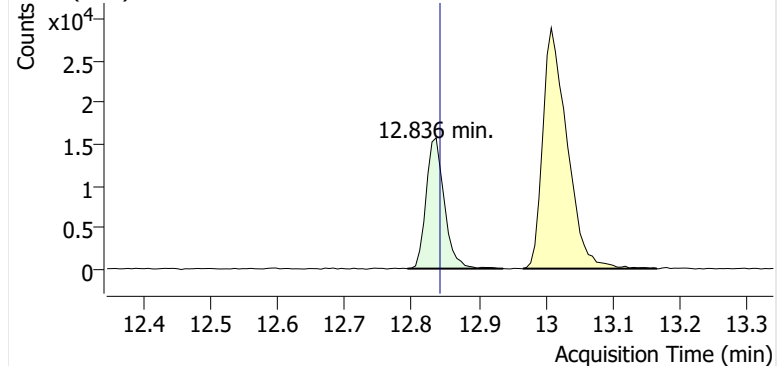
+ EIC (91.1) Scan N2504146.D



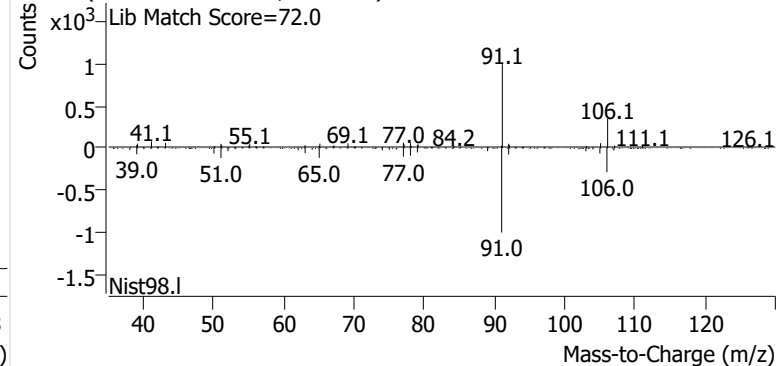
+ Scan (10.664-10.854 min, 32 scans) N2504146.D

**Ethylbenzene**

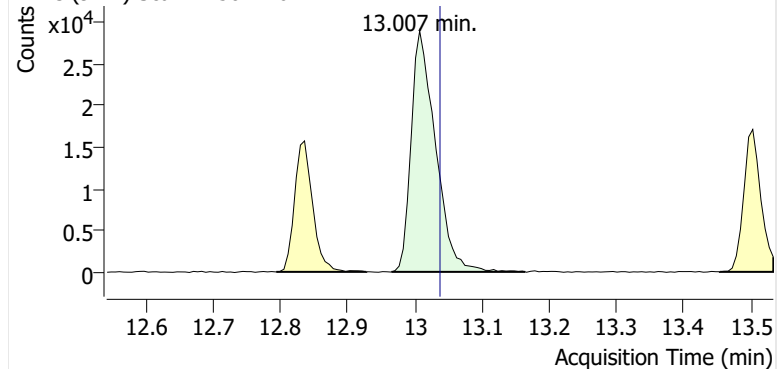
+ EIC (91.1) Scan N2504146.D



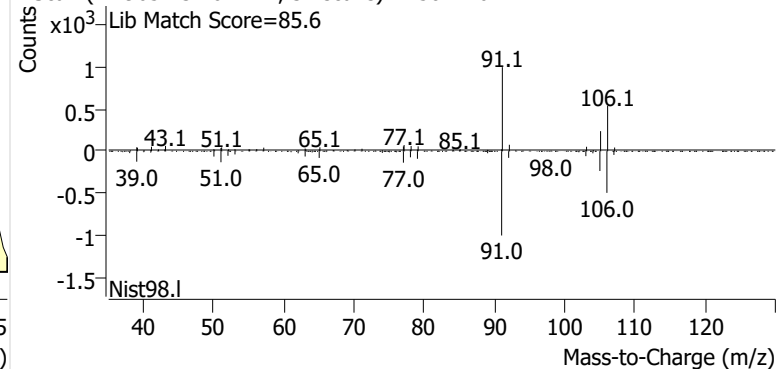
+ Scan (12.793-12.936 min, 23 scans) N2504146.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504146.D

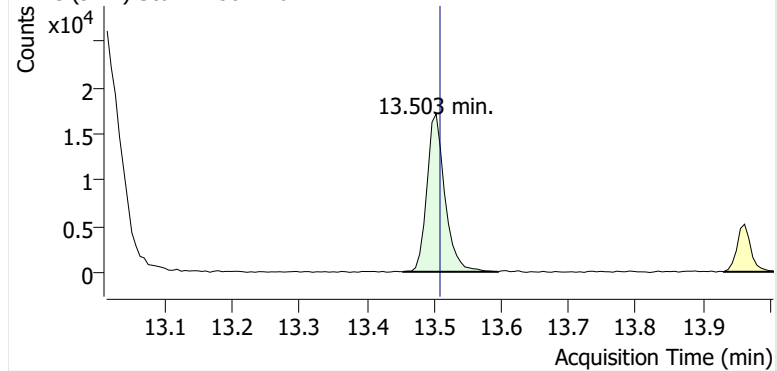


+ Scan (12.965-13.164 min, 32 scans) N2504146.D

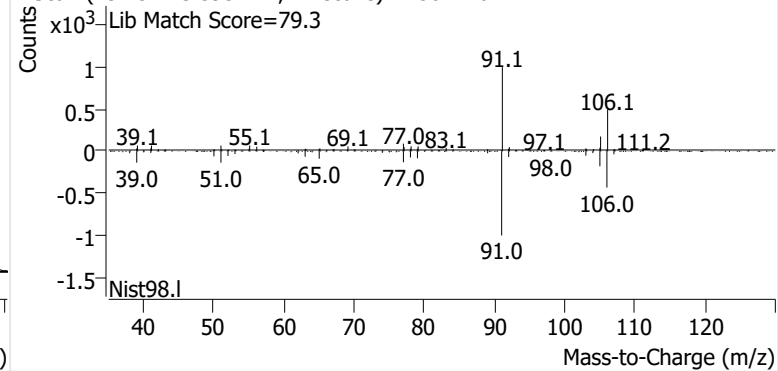


o-Xylene

+ EIC (91.1) Scan N2504146.D

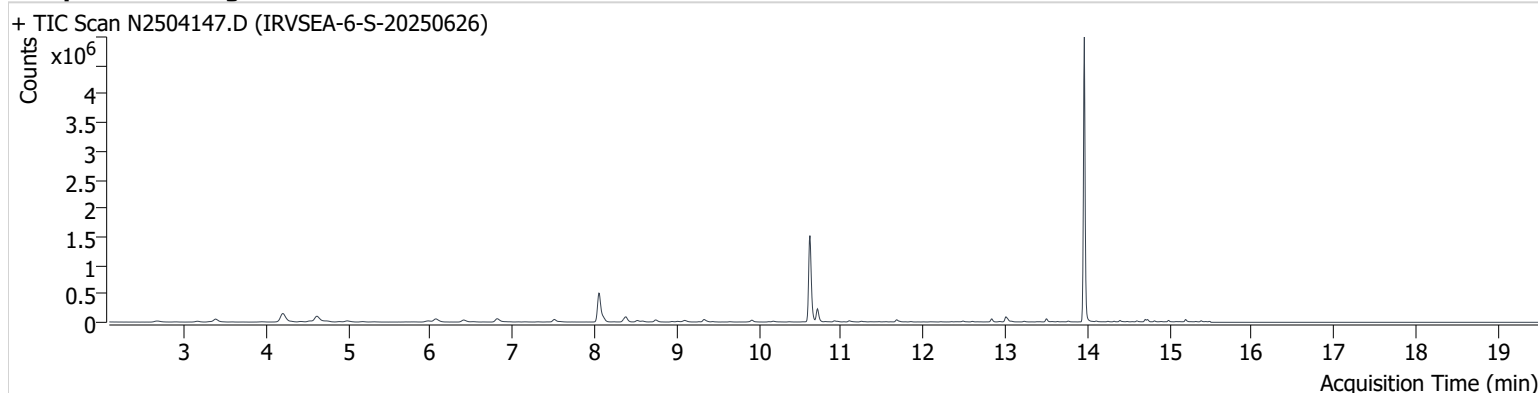


+ Scan (13.454-13.595 min, 24 scans) N2504146.D



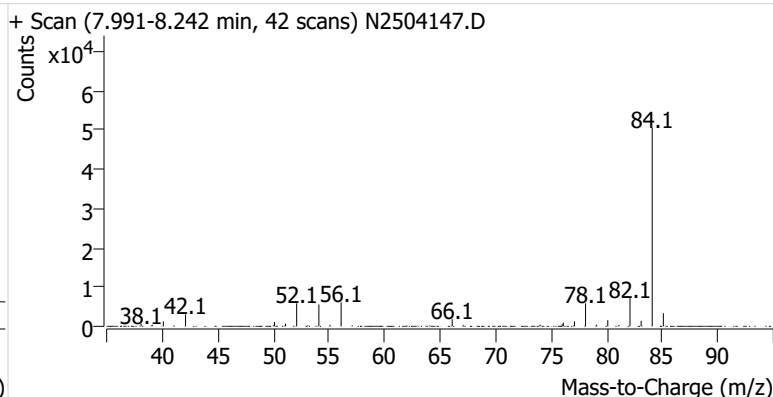
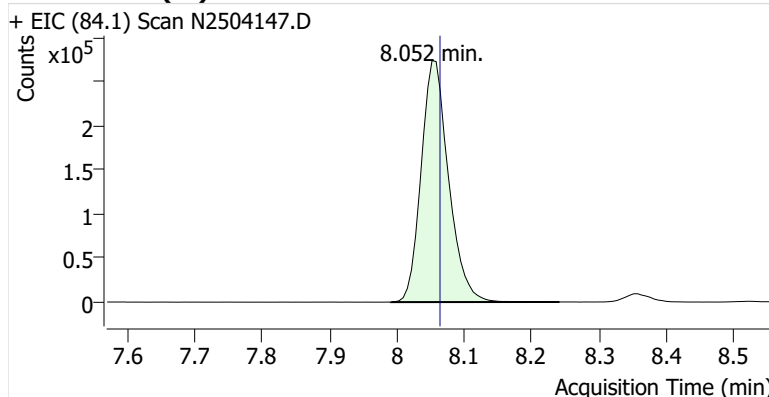
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Comment B17424
Data File N2504147.D
Acq. Date-Time 7/17/2025 4:04:52 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

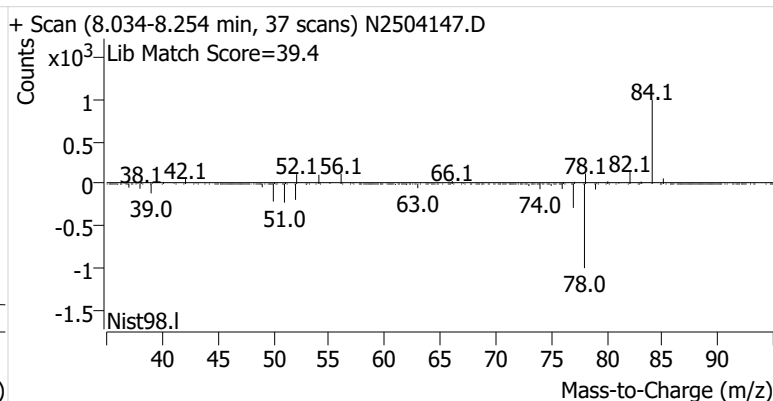
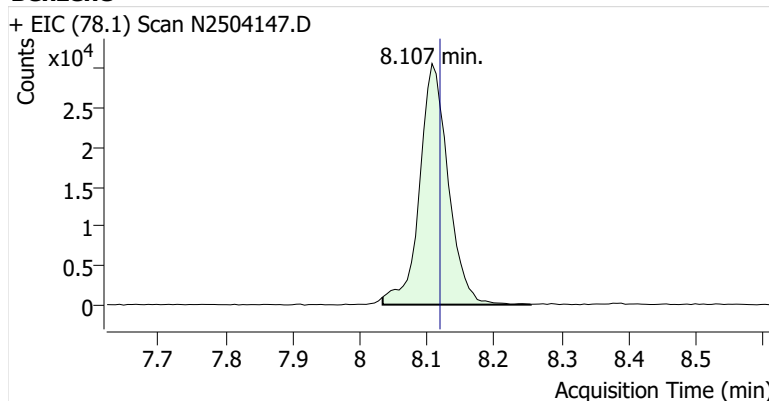


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	777,561	
Benzene	Benzene-d6 (IS)	8.107	8.119	90,896	
Toluene-d8 (IS)		10.621	10.627	1,340,468	
Toluene	Toluene-d8 (IS)	10.713	10.719	209,108	
Ethylbenzene	Toluene-d8 (IS)	12.836	12.842	44,011	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	82,931	
o-Xylene	Toluene-d8 (IS)	13.503	13.509	37,244	

Benzene-d6 (IS)

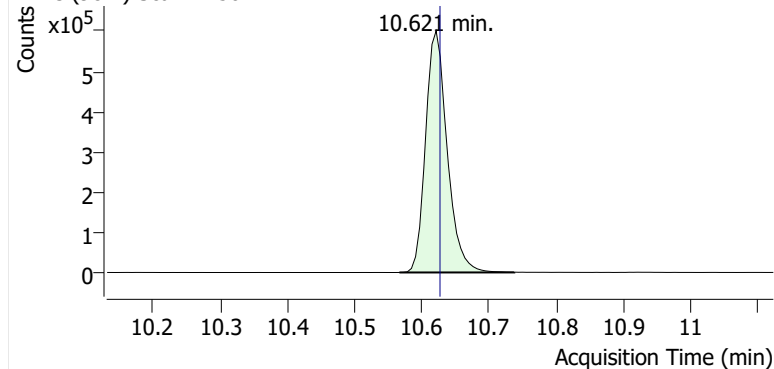


Benzene

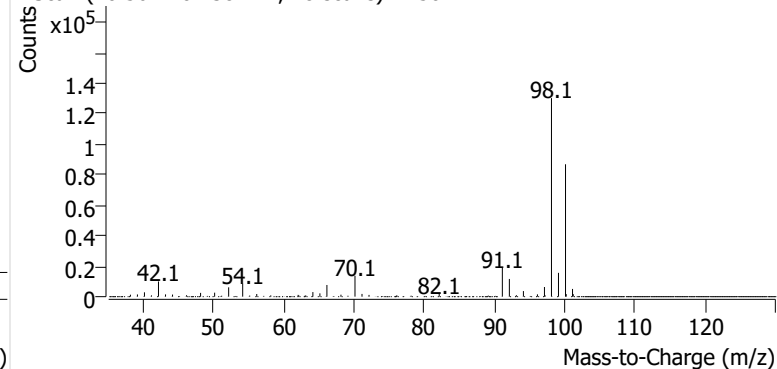


Toluene-d8 (IS)

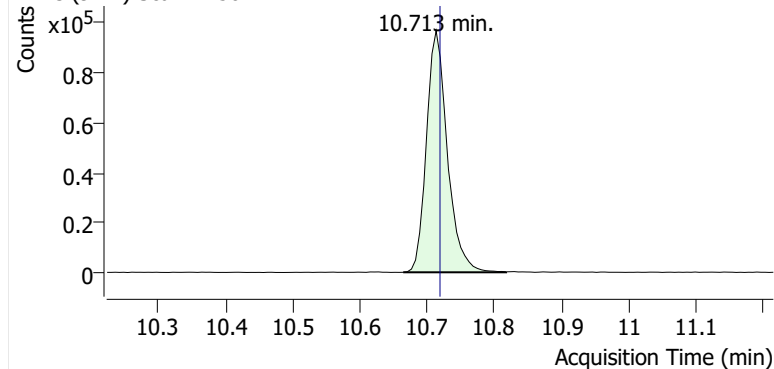
+ EIC (98.1) Scan N2504147.D



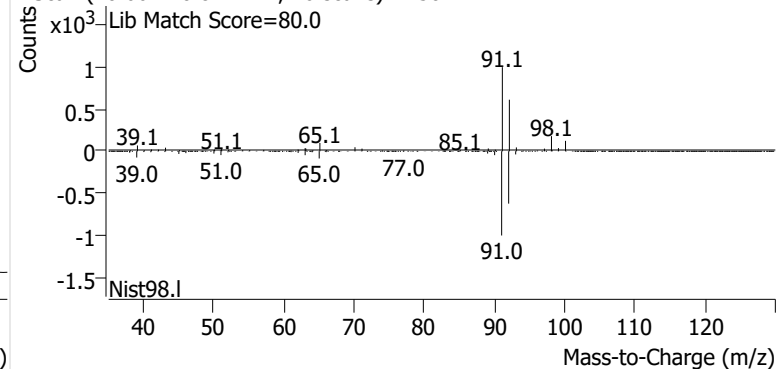
+ Scan (10.567-10.738 min, 28 scans) N2504147.D

**Toluene**

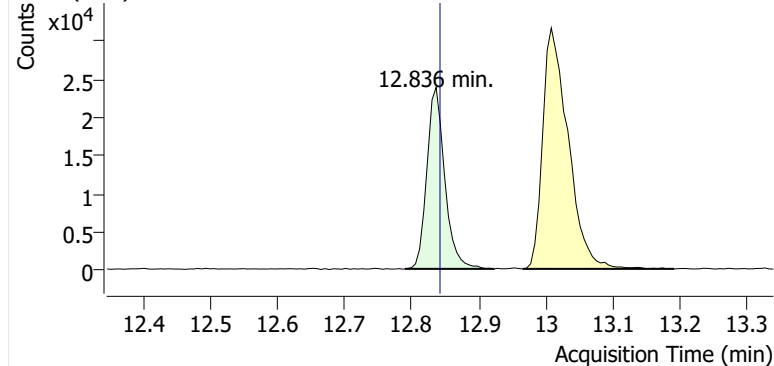
+ EIC (91.1) Scan N2504147.D



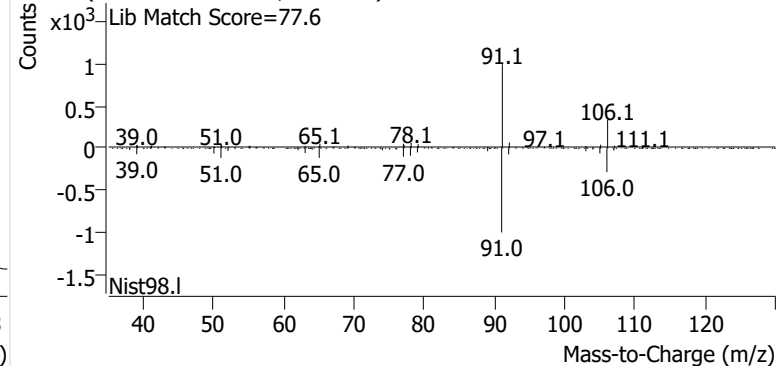
+ Scan (10.664-10.817 min, 26 scans) N2504147.D

**Ethylbenzene**

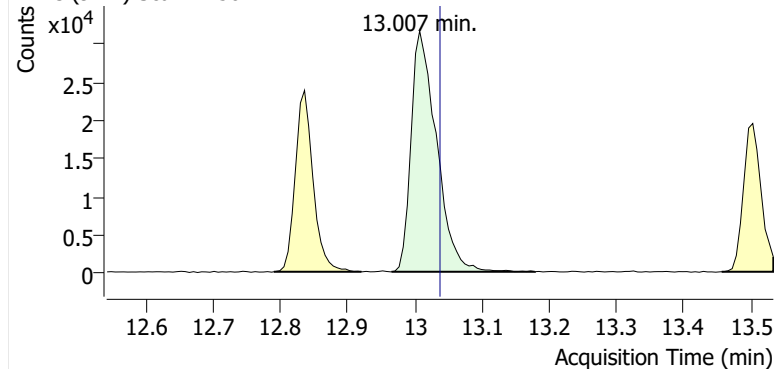
+ EIC (91.1) Scan N2504147.D



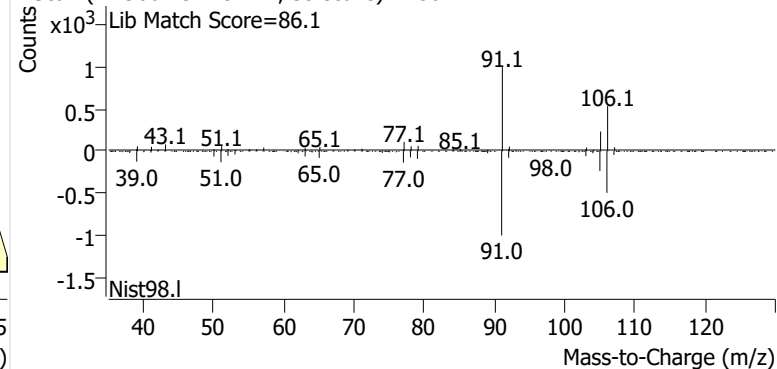
+ Scan (12.790-12.922 min, 22 scans) N2504147.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504147.D

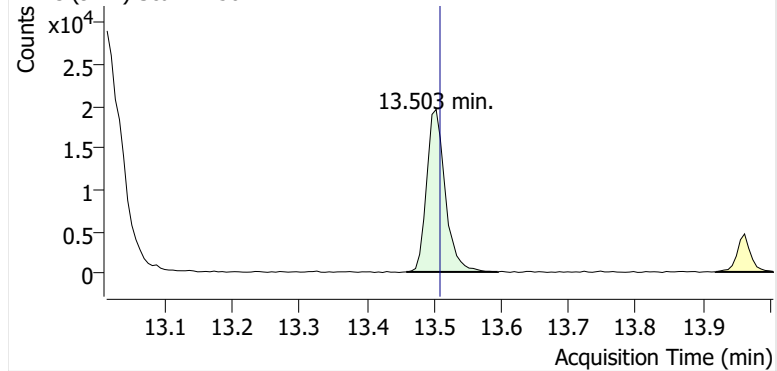


+ Scan (12.966-13.179 min, 35 scans) N2504147.D

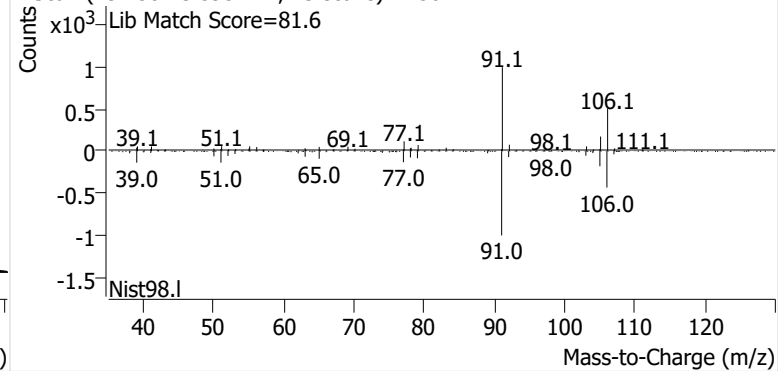


o-Xylene

+ EIC (91.1) Scan N2504147.D

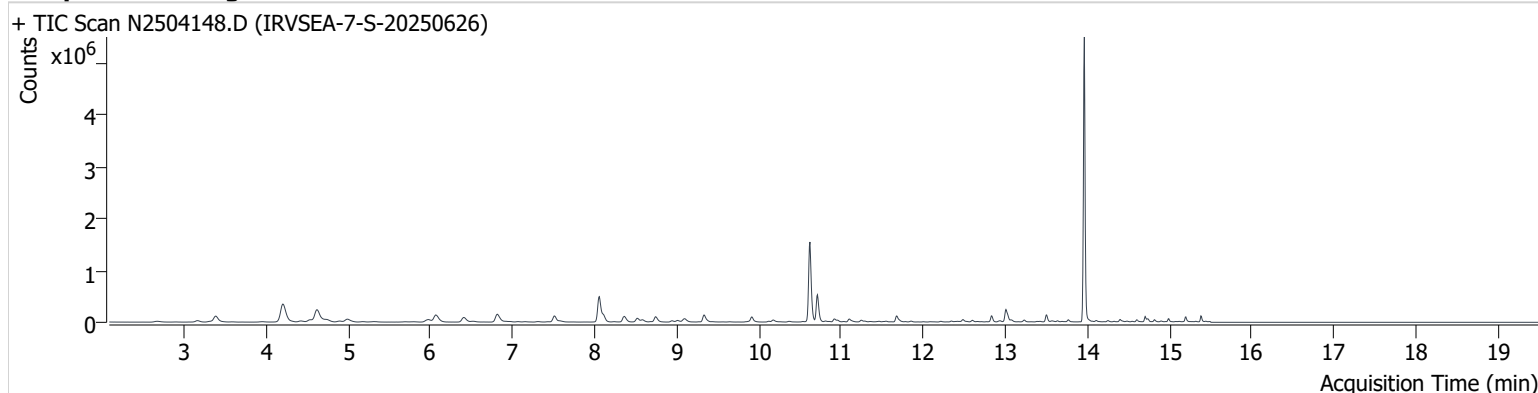


+ Scan (13.458-13.595 min, 23 scans) N2504147.D



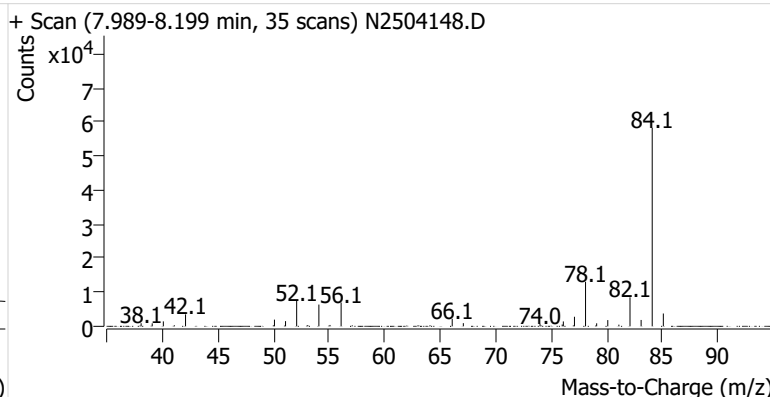
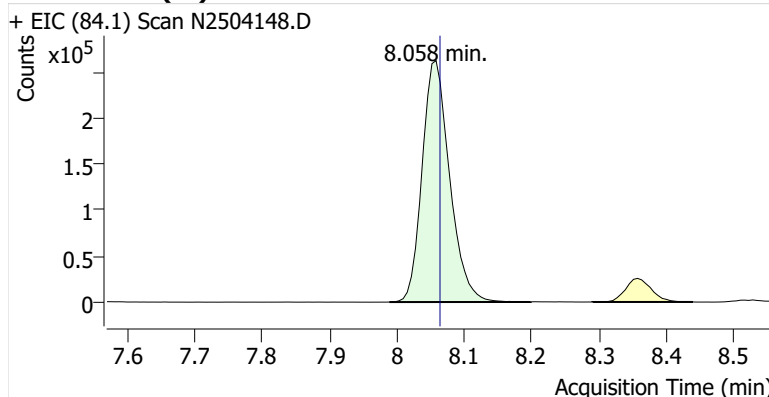
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Comment B17449
Data File N2504148.D
Acq. Date-Time 7/17/2025 4:44:46 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

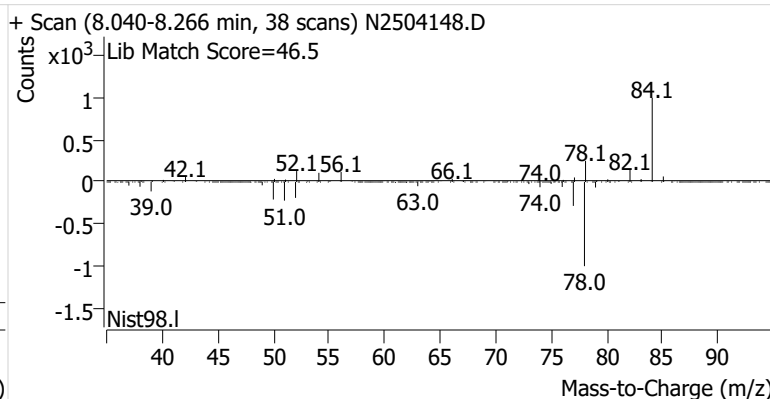
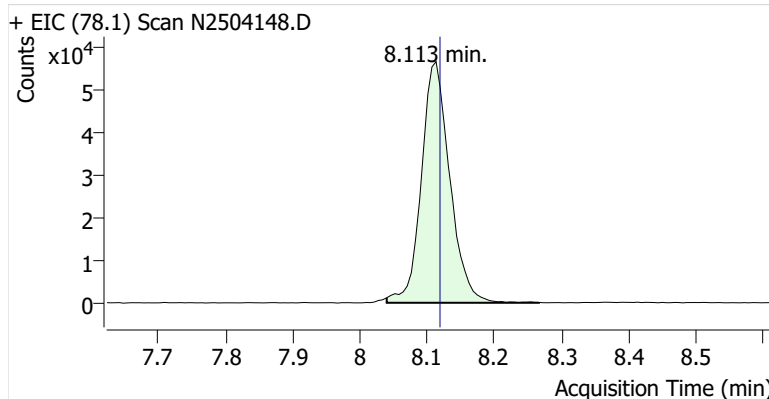


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.058	8.064	746,842	
Benzene	Benzene-d6 (IS)	8.113	8.119	166,807	
Toluene-d8 (IS)		10.621	10.627	1,346,689	
Toluene	Toluene-d8 (IS)	10.713	10.719	487,026	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	96,423	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	217,364	
o-Xylene	Toluene-d8 (IS)	13.503	13.509	94,029	

Benzene-d6 (IS)

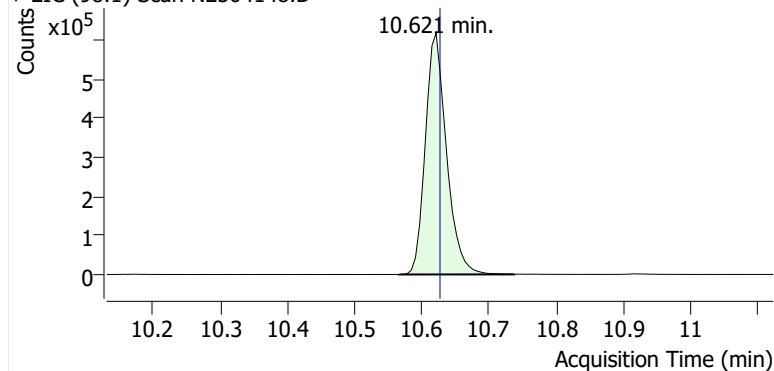


Benzene

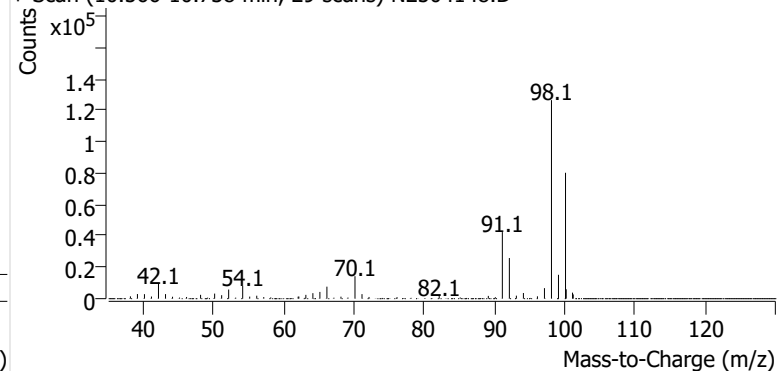


Toluene-d8 (IS)

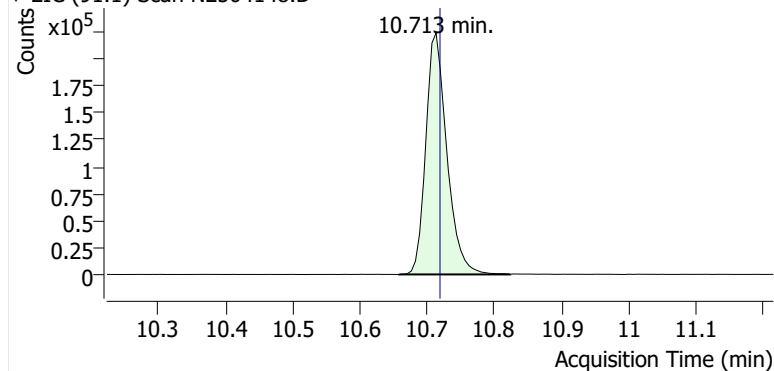
+ EIC (98.1) Scan N2504148.D



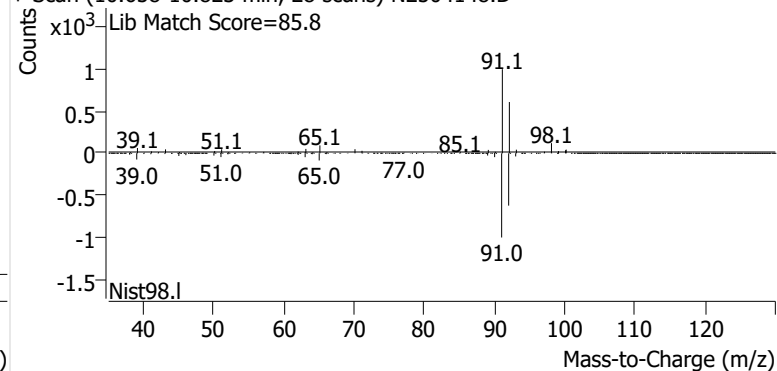
+ Scan (10.566-10.738 min, 29 scans) N2504148.D

**Toluene**

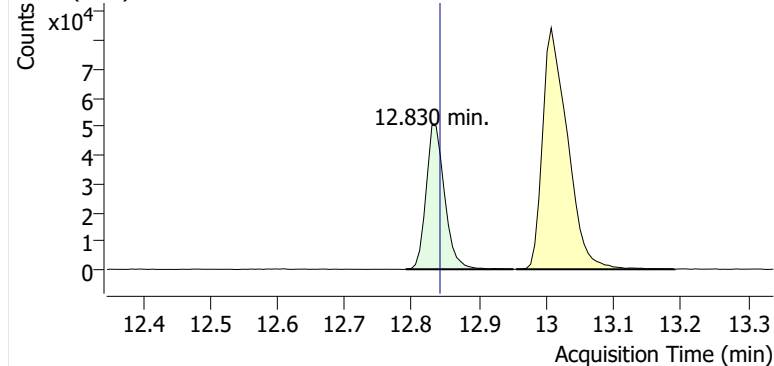
+ EIC (91.1) Scan N2504148.D



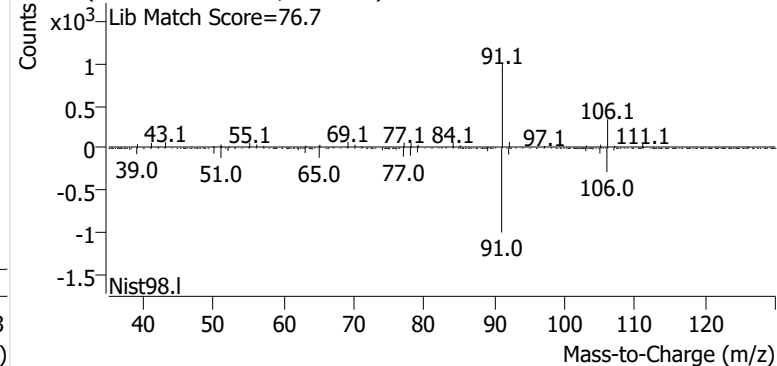
+ Scan (10.658-10.823 min, 28 scans) N2504148.D

**Ethylbenzene**

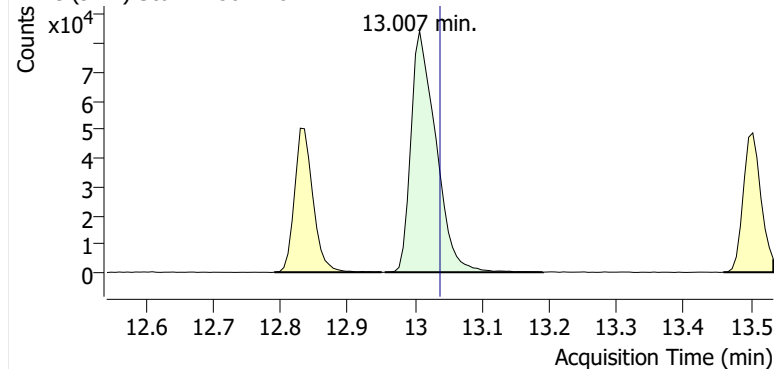
+ EIC (91.1) Scan N2504148.D



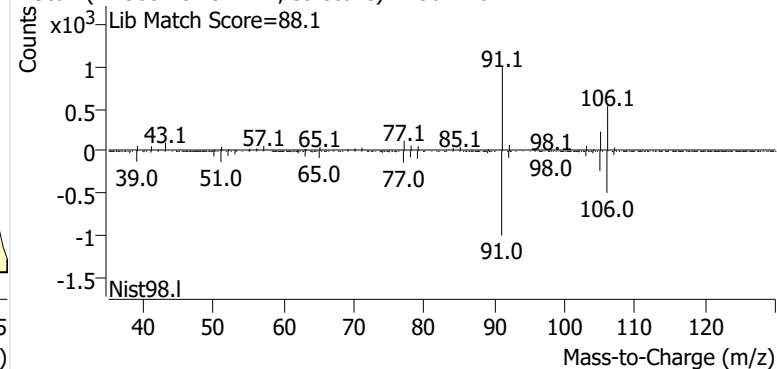
+ Scan (12.791-12.951 min, 26 scans) N2504148.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504148.D

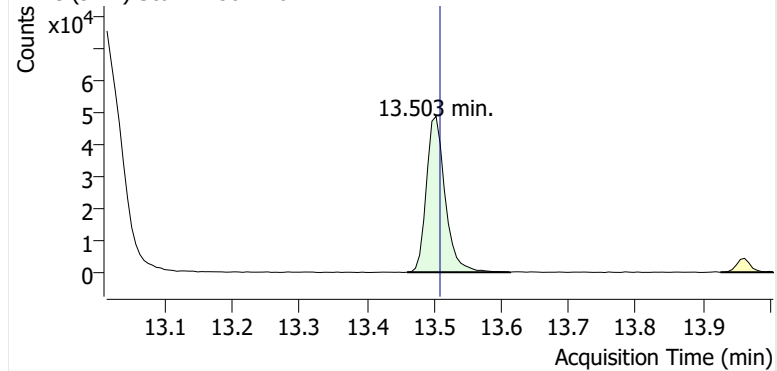


+ Scan (12.955-13.191 min, 39 scans) N2504148.D

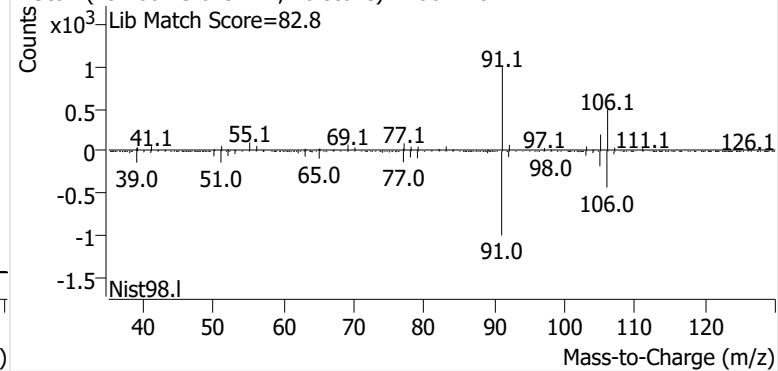


o-Xylene

+ EIC (91.1) Scan N2504148.D

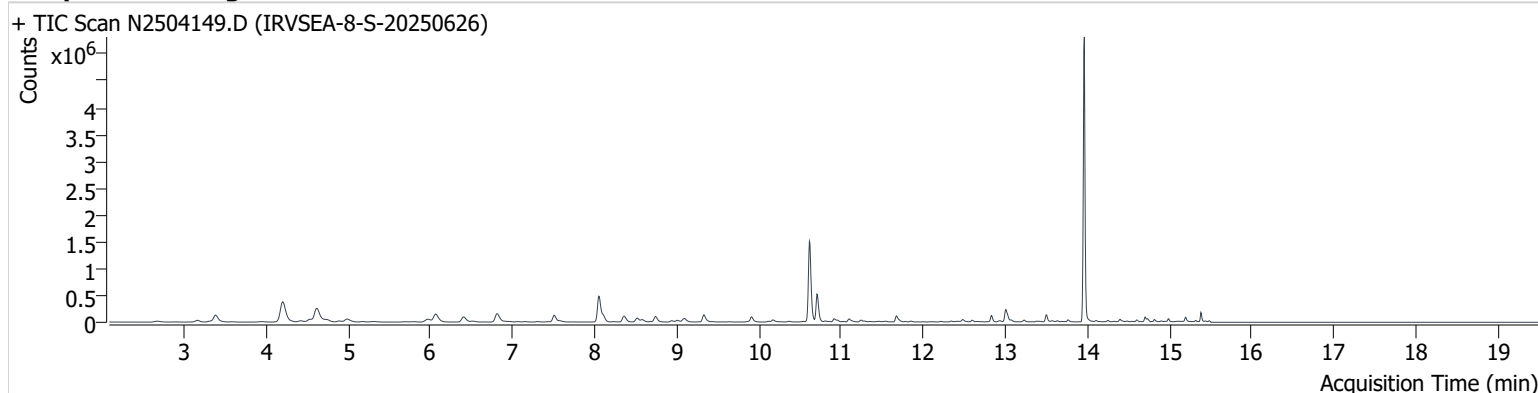


+ Scan (13.460-13.613 min, 26 scans) N2504148.D



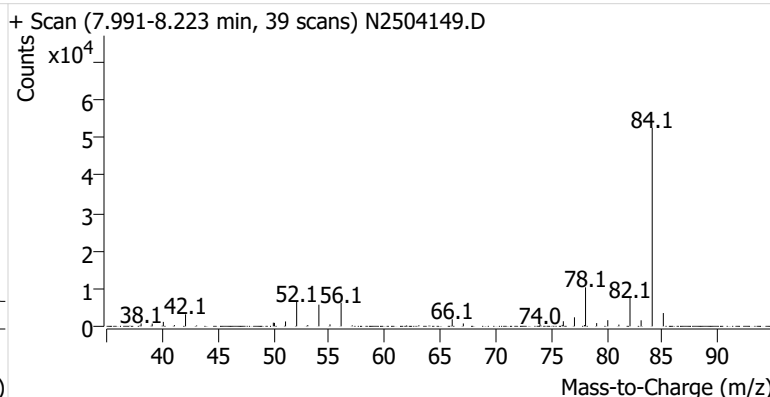
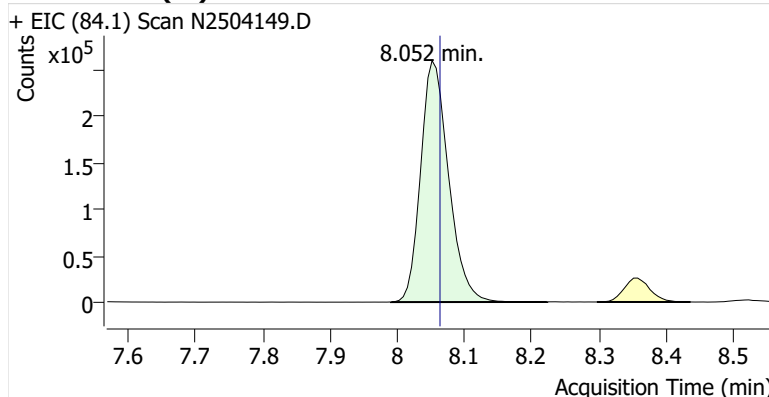
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Comment C01548
Data File N2504149.D
Acq. Date-Time 7/17/2025 5:24:41 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

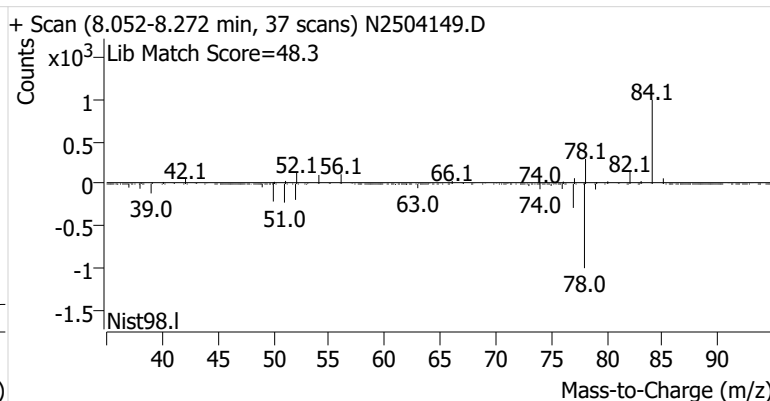
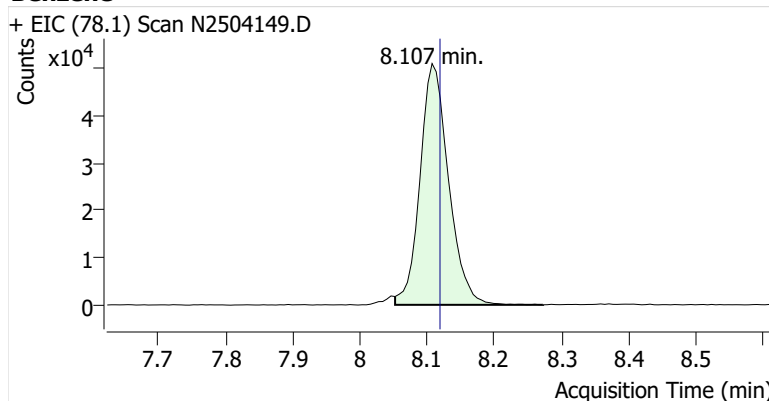


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	752,516	
Benzene	Benzene-d6 (IS)	8.107	8.119	149,710	
Toluene-d8 (IS)		10.615	10.627	1,343,235	
Toluene	Toluene-d8 (IS)	10.707	10.719	486,127	
Ethylbenzene	Toluene-d8 (IS)	12.836	12.842	95,625	
m-/p-Xylenes	Toluene-d8 (IS)	13.008	13.038	211,154	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	92,054	

Benzene-d6 (IS)

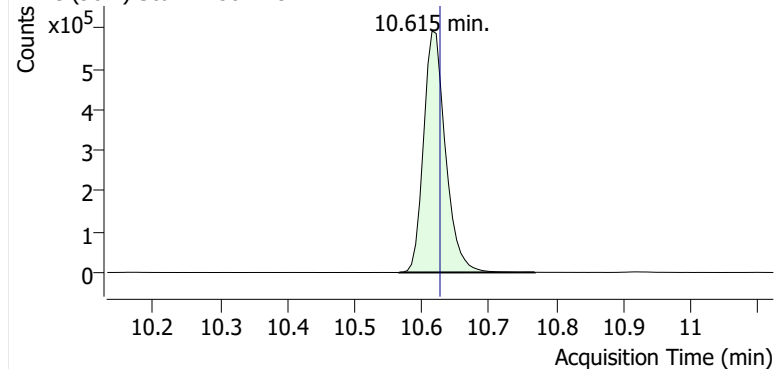


Benzene

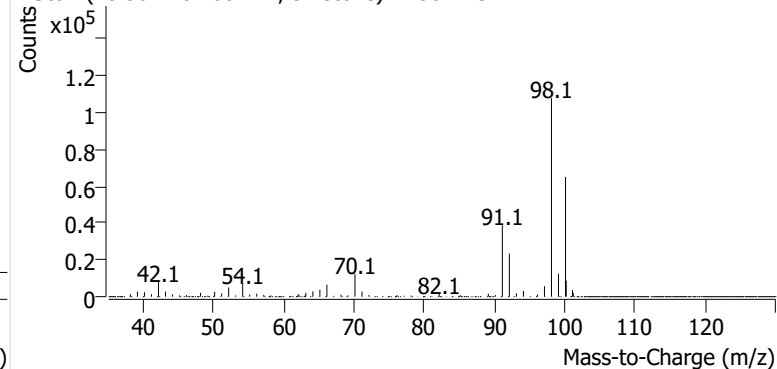


Toluene-d8 (IS)

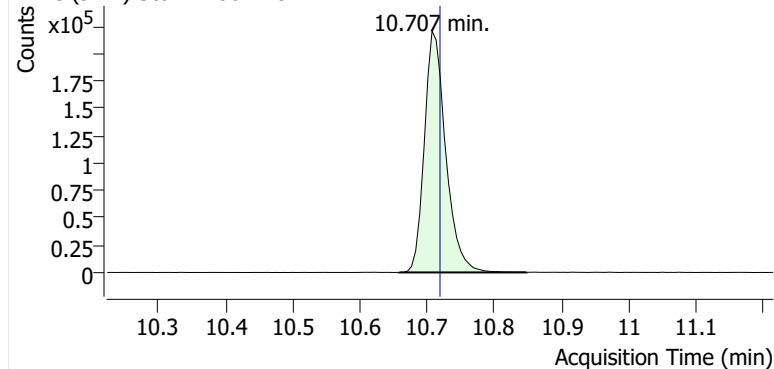
+ EIC (98.1) Scan N2504149.D



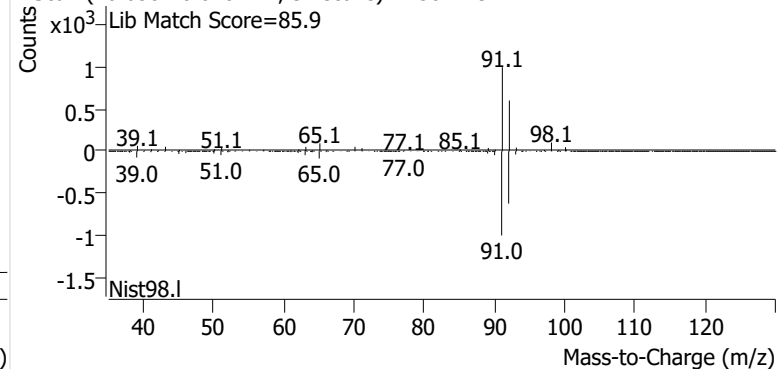
+ Scan (10.567-10.768 min, 34 scans) N2504149.D

**Toluene**

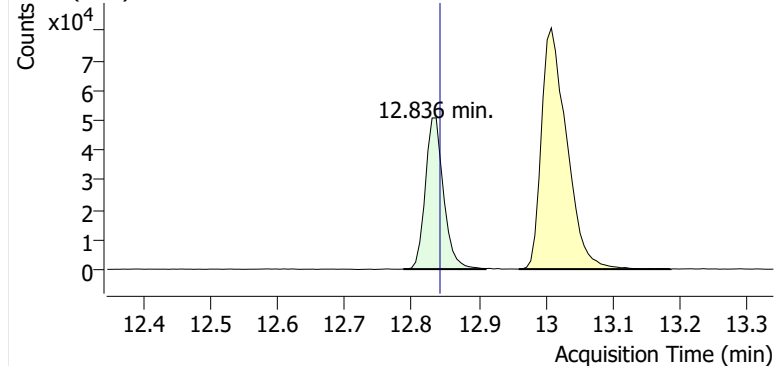
+ EIC (91.1) Scan N2504149.D



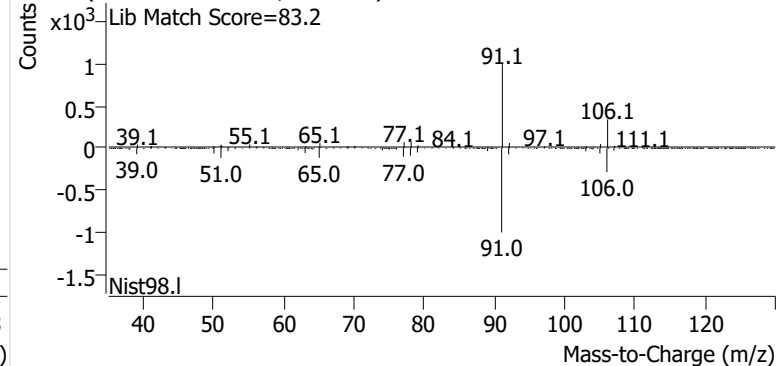
+ Scan (10.658-10.848 min, 32 scans) N2504149.D

**Ethylbenzene**

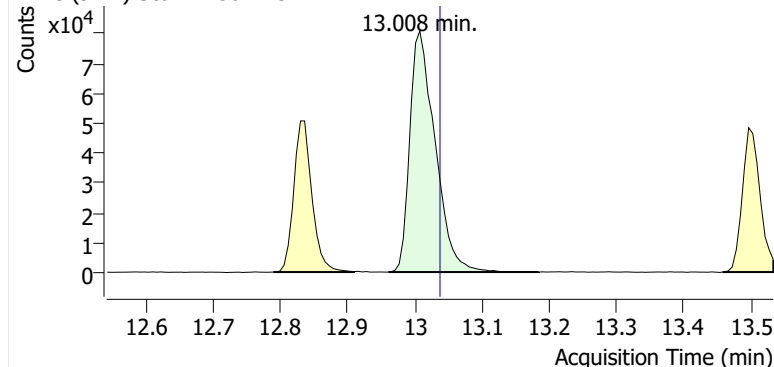
+ EIC (91.1) Scan N2504149.D



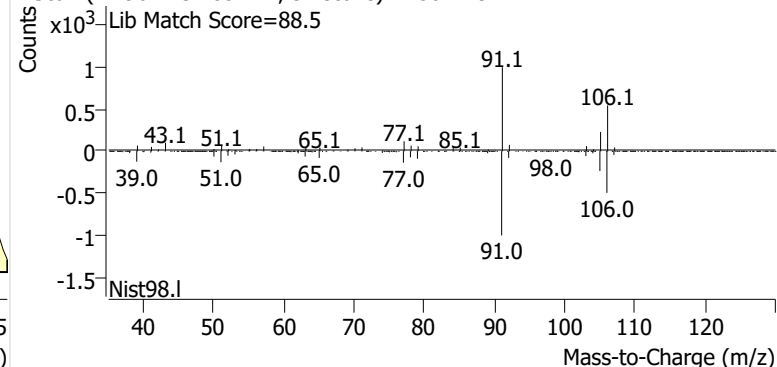
+ Scan (12.787-12.910 min, 21 scans) N2504149.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504149.D

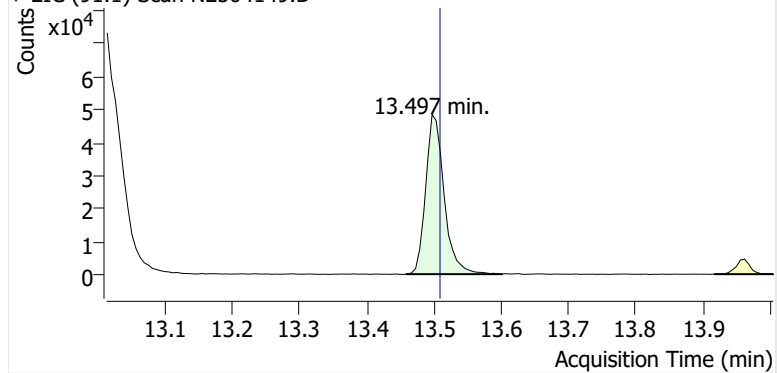


+ Scan (12.961-13.185 min, 37 scans) N2504149.D

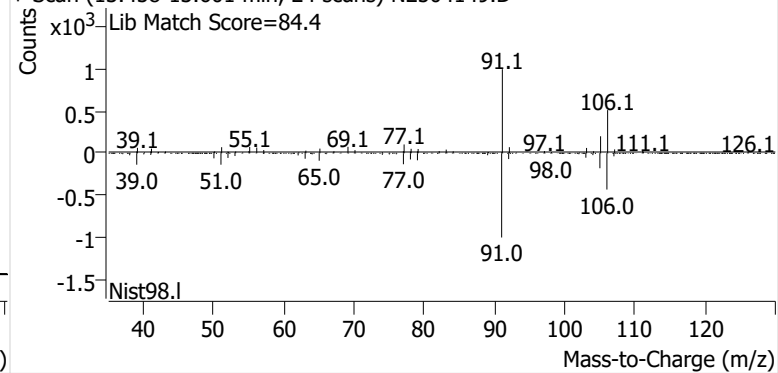


o-Xylene

+ EIC (91.1) Scan N2504149.D

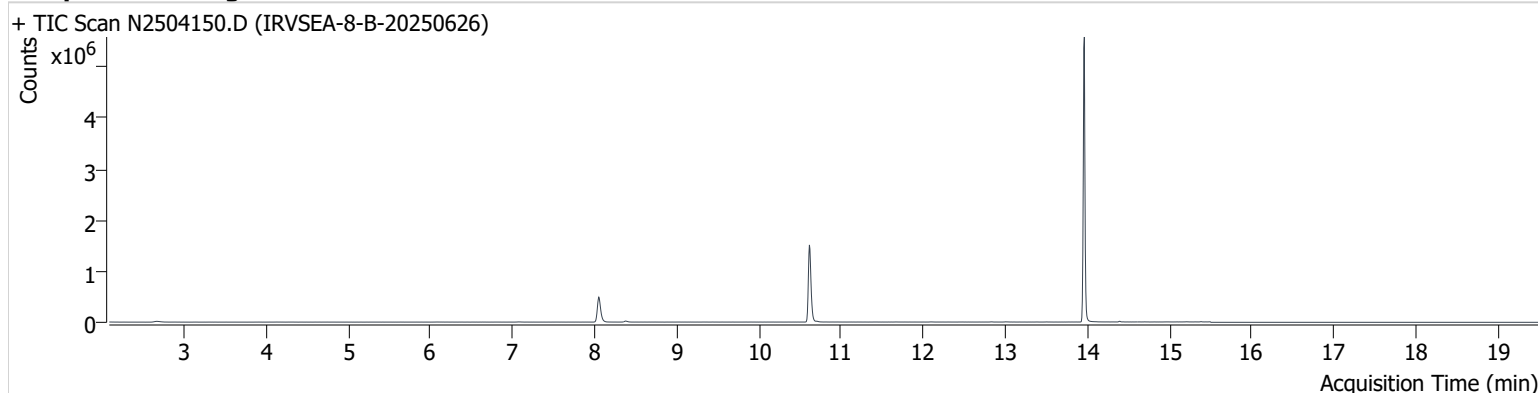


+ Scan (13.458-13.601 min, 24 scans) N2504149.D



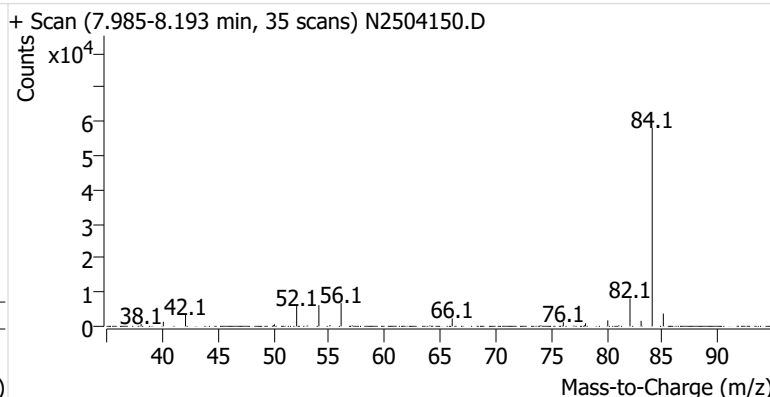
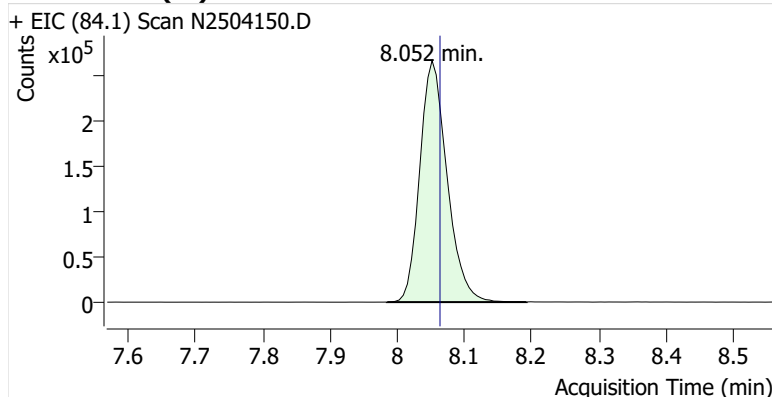
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Comment C24225
Data File N2504150.D
Acq. Date-Time 7/17/2025 6:04:36 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

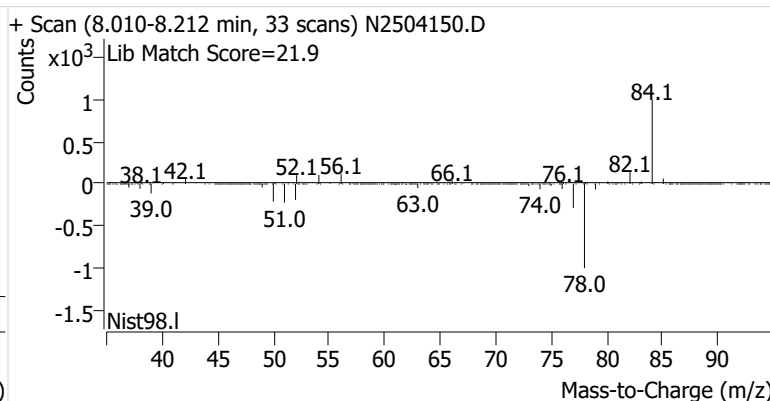
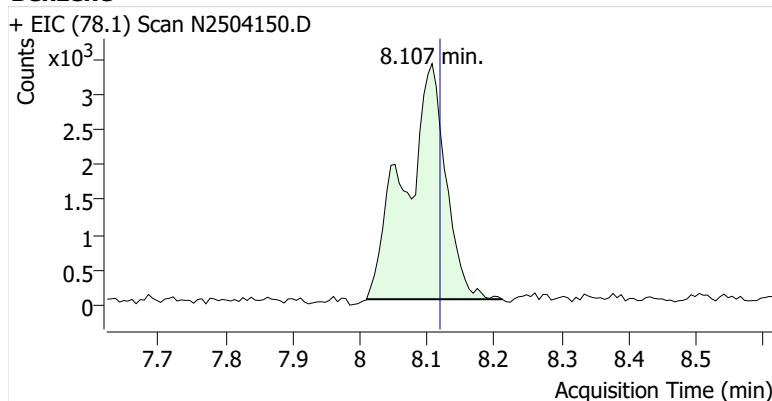


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	747,567	
Benzene	Benzene-d6 (IS)	8.107	8.119	14,219	
Toluene-d8 (IS)		10.615	10.627	1,355,387	
Toluene	Toluene-d8 (IS)	10.707	10.719	10,690	
Ethylbenzene	Toluene-d8 (IS)	12.836	12.842	2,837	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	3,152	
o-Xylene	Toluene-d8 (IS)	13.503	13.509	1,135	

Benzene-d6 (IS)

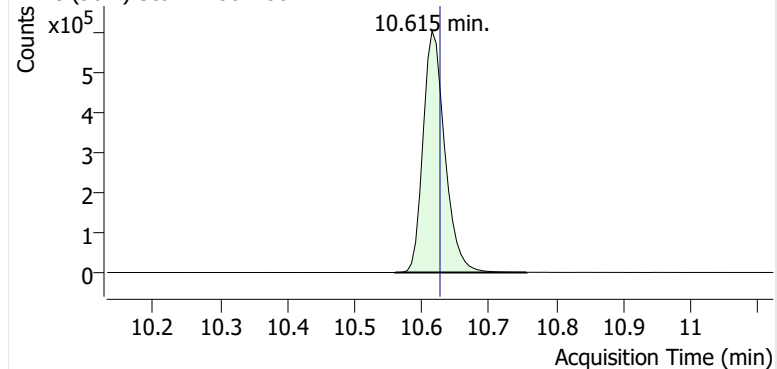


Benzene

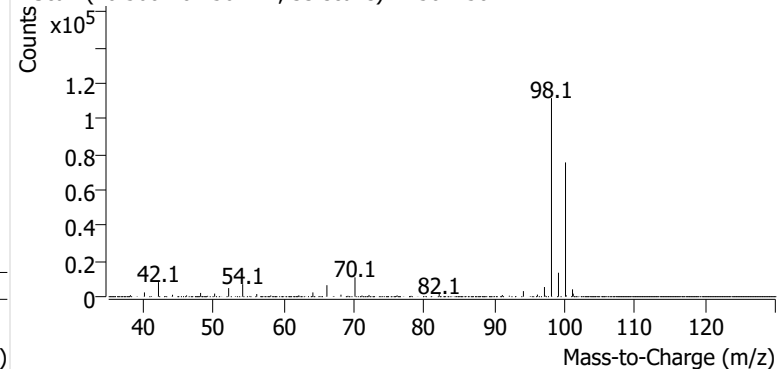


Toluene-d8 (IS)

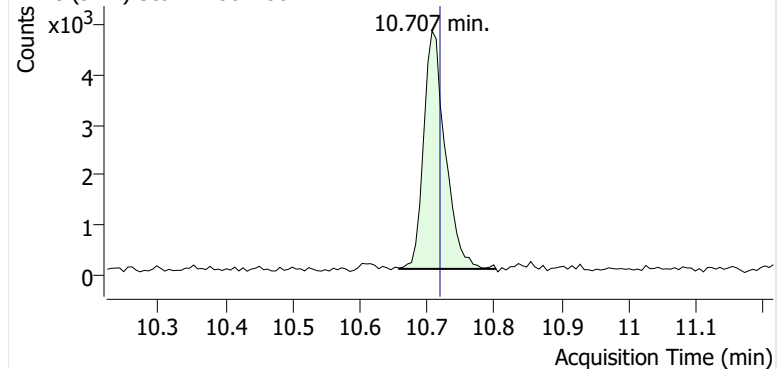
+ EIC (98.1) Scan N2504150.D



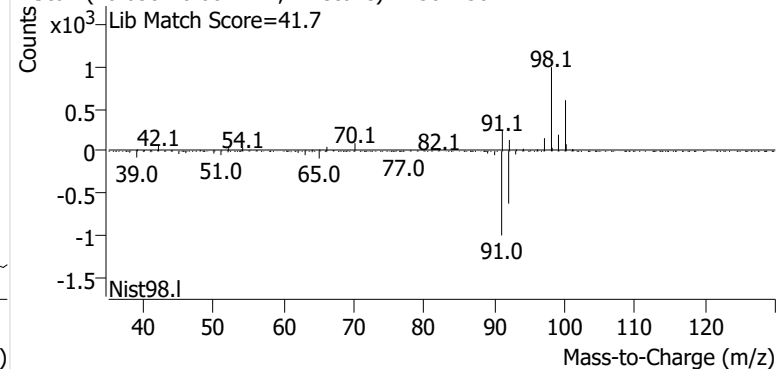
+ Scan (10.560-10.756 min, 33 scans) N2504150.D

**Toluene**

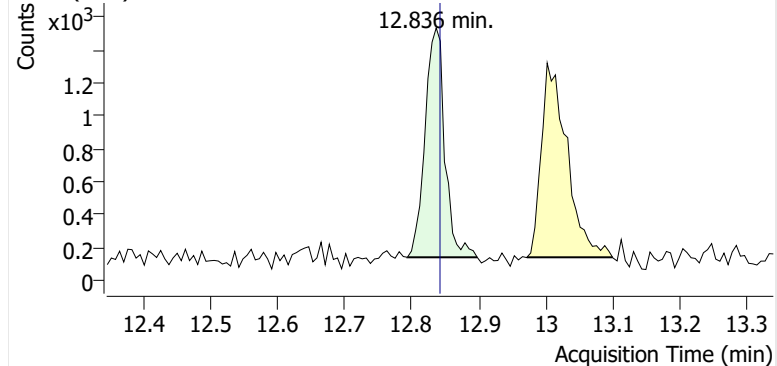
+ EIC (91.1) Scan N2504150.D



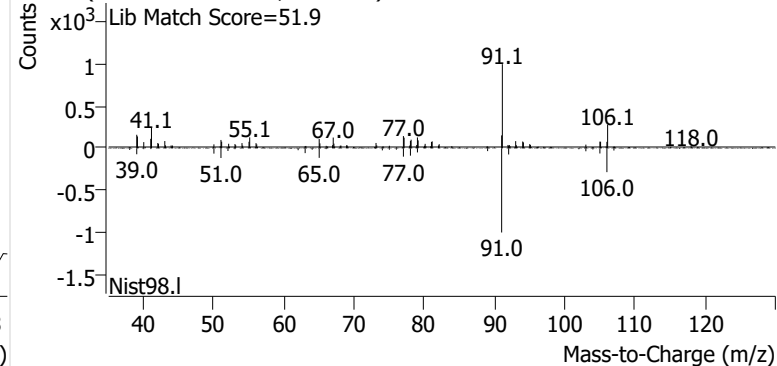
+ Scan (10.658-10.802 min, 24 scans) N2504150.D

**Ethylbenzene**

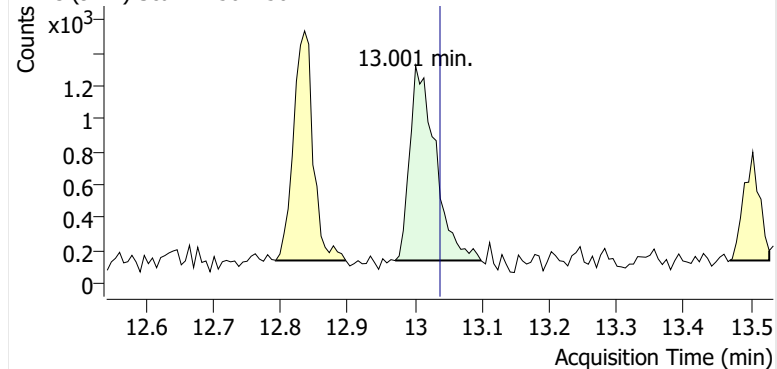
+ EIC (91.1) Scan N2504150.D



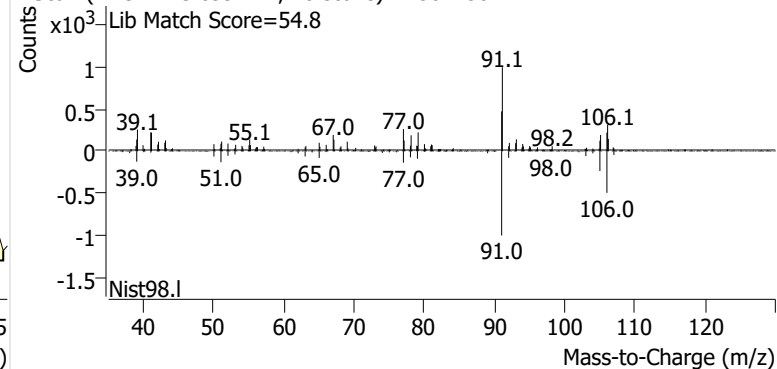
+ Scan (12.793-12.897 min, 17 scans) N2504150.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504150.D

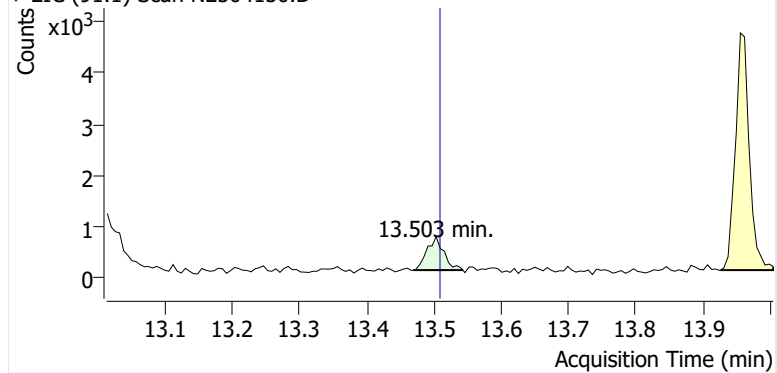


+ Scan (12.971-13.099 min, 20 scans) N2504150.D

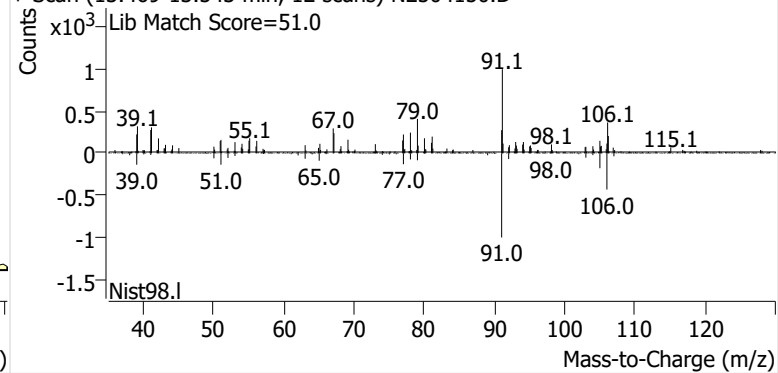


o-Xylene

+ EIC (91.1) Scan N2504150.D

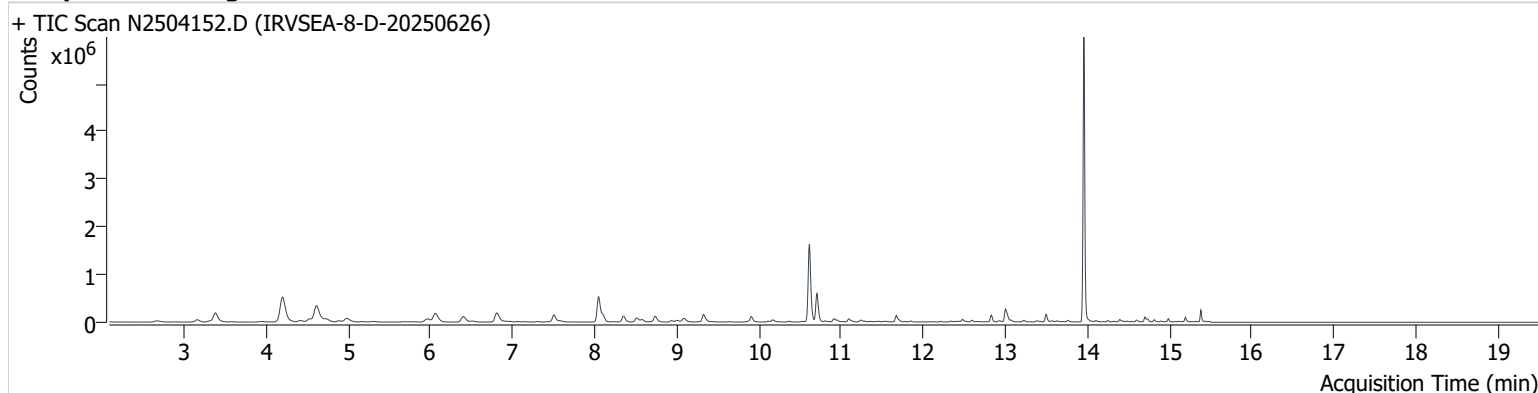


+ Scan (13.469-13.543 min, 12 scans) N2504150.D



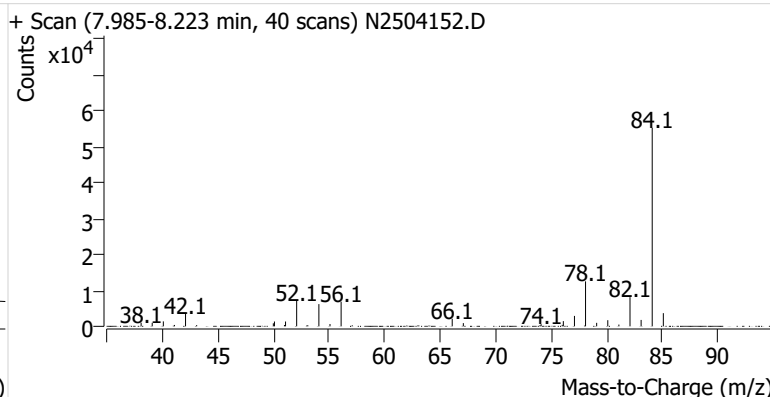
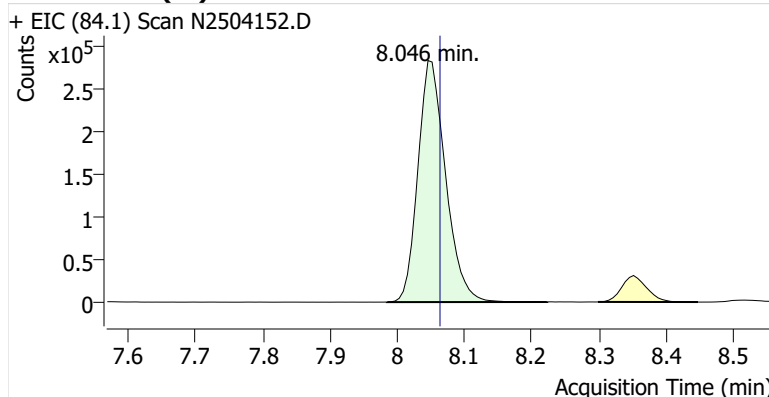
Name IRVSEA-8-D-20250626
Comment B52855
Data File N2504152.D
Acq. Date-Time 7/17/2025 7:43:27 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

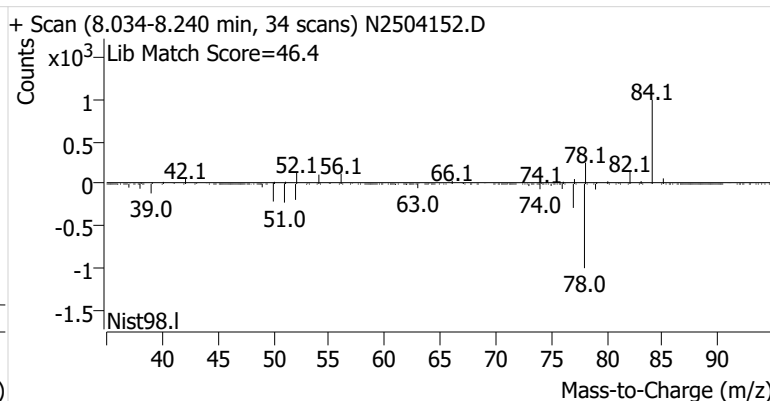
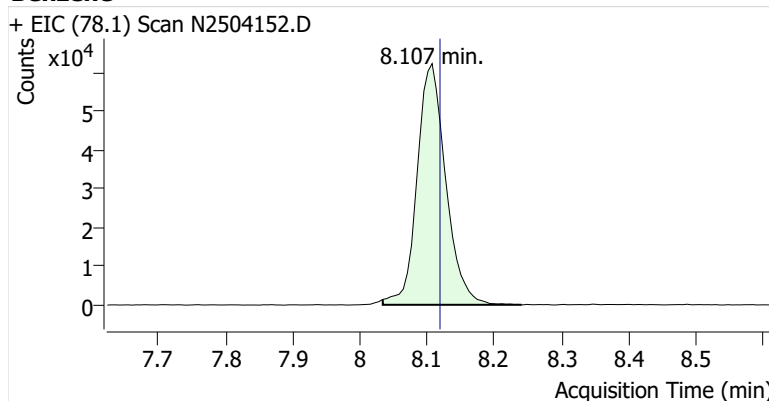


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.046	8.064	810,562	
Benzene	Benzene-d6 (IS)	8.107	8.119	184,111	
Toluene-d8 (IS)		10.615	10.627	1,432,908	
Toluene	Toluene-d8 (IS)	10.707	10.719	556,130	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	115,613	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	248,217	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	108,607	

Benzene-d6 (IS)

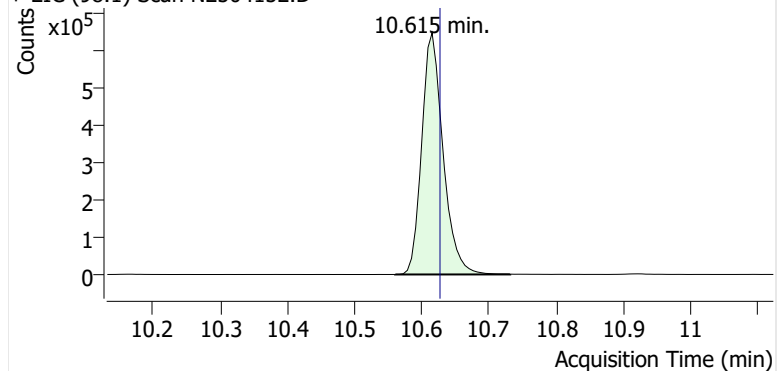


Benzene

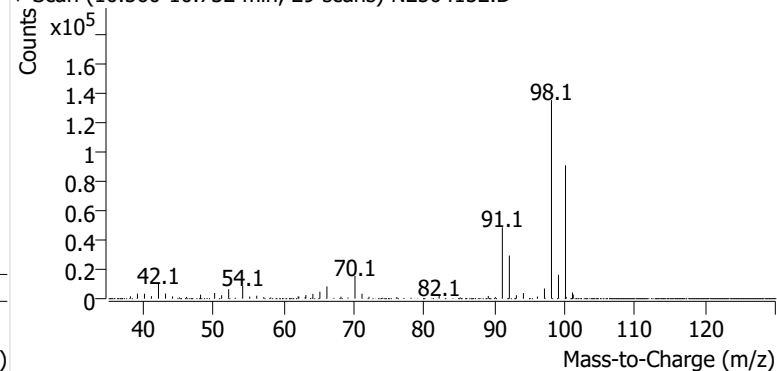


Toluene-d8 (IS)

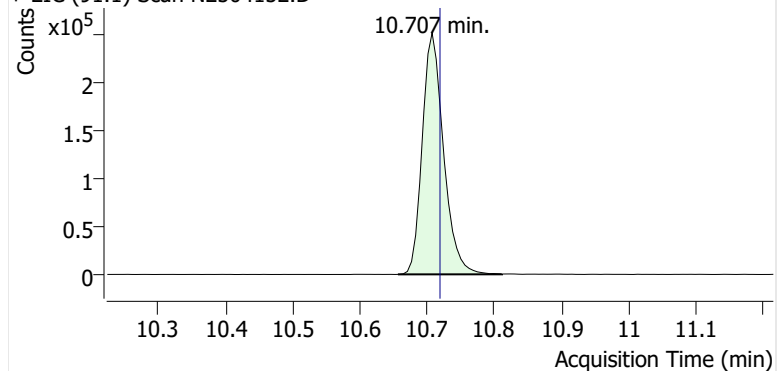
+ EIC (98.1) Scan N2504152.D



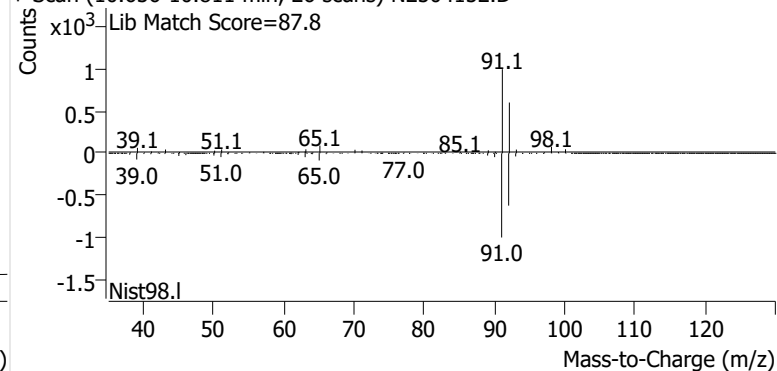
+ Scan (10.560-10.732 min, 29 scans) N2504152.D

**Toluene**

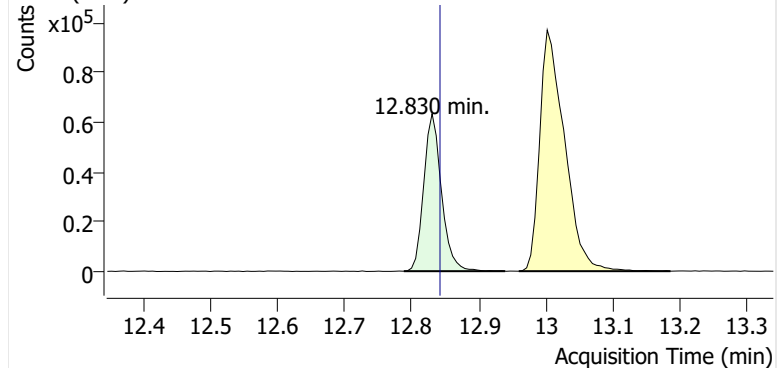
+ EIC (91.1) Scan N2504152.D



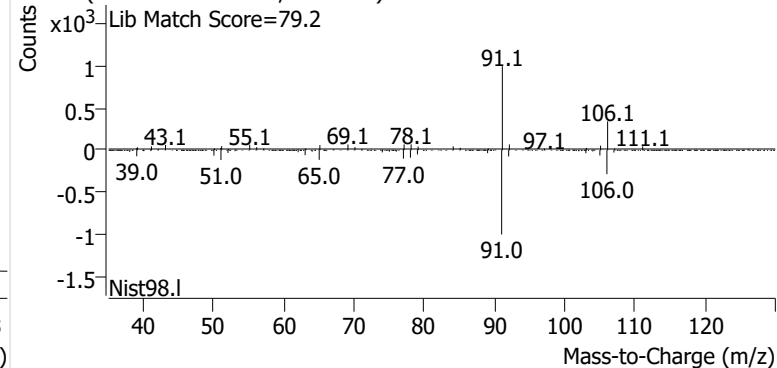
+ Scan (10.656-10.811 min, 26 scans) N2504152.D

**Ethylbenzene**

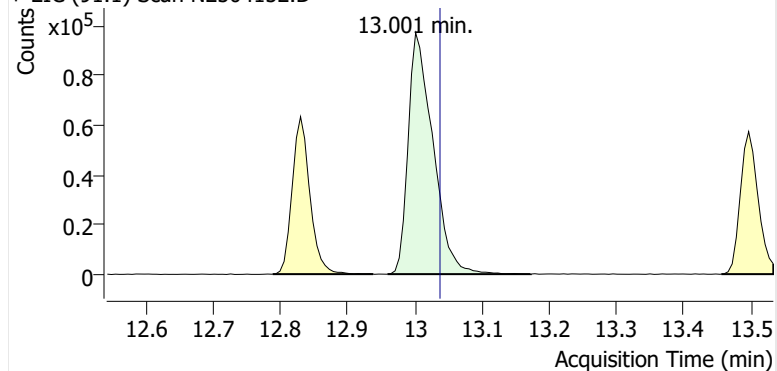
+ EIC (91.1) Scan N2504152.D



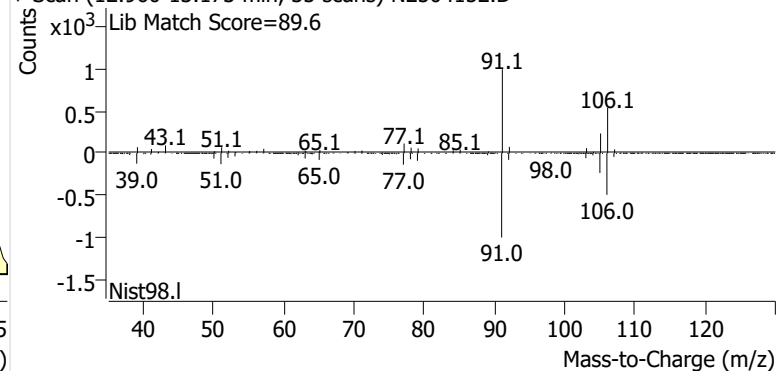
+ Scan (12.788-12.939 min, 24 scans) N2504152.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504152.D

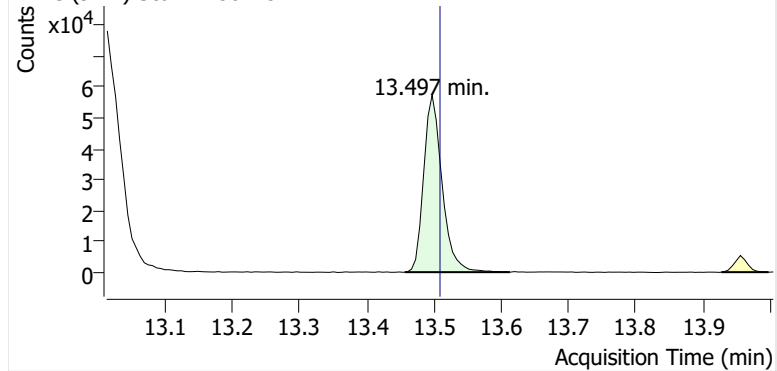


+ Scan (12.960-13.173 min, 35 scans) N2504152.D

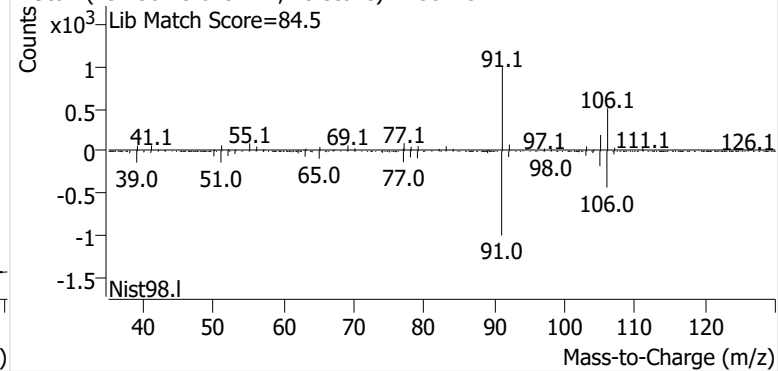


o-Xylene

+ EIC (91.1) Scan N2504152.D

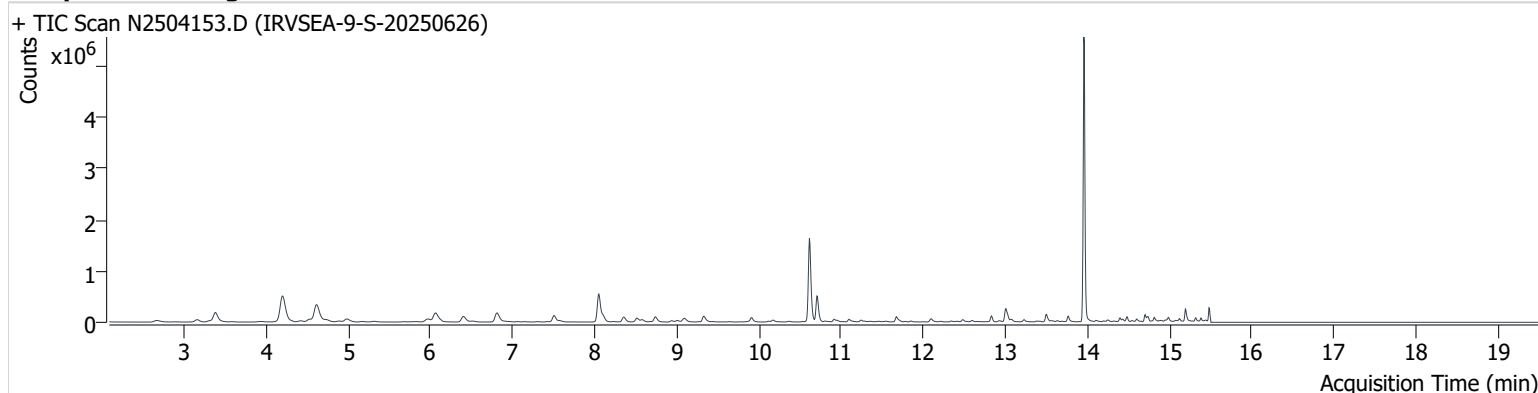


+ Scan (13.456-13.613 min, 25 scans) N2504152.D



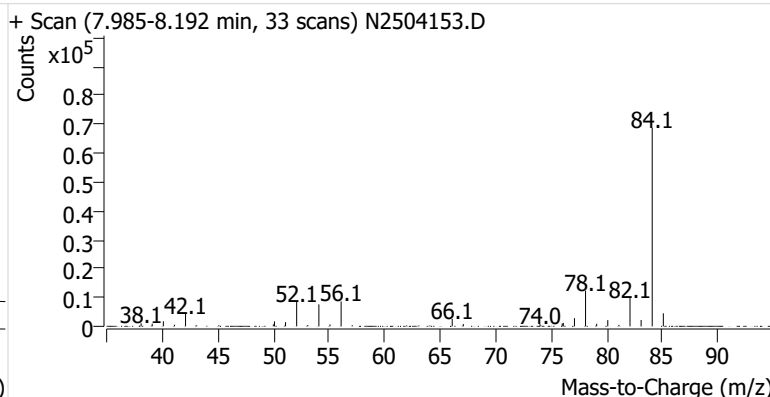
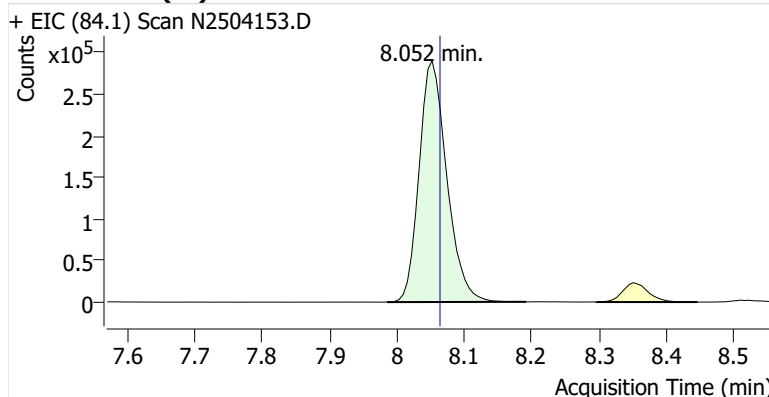
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Comment C60292
Data File N2504153.D
Acq. Date-Time 7/17/2025 8:23:36 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

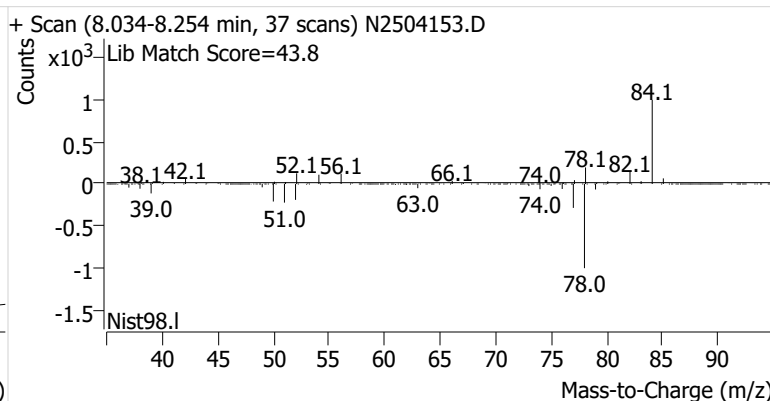
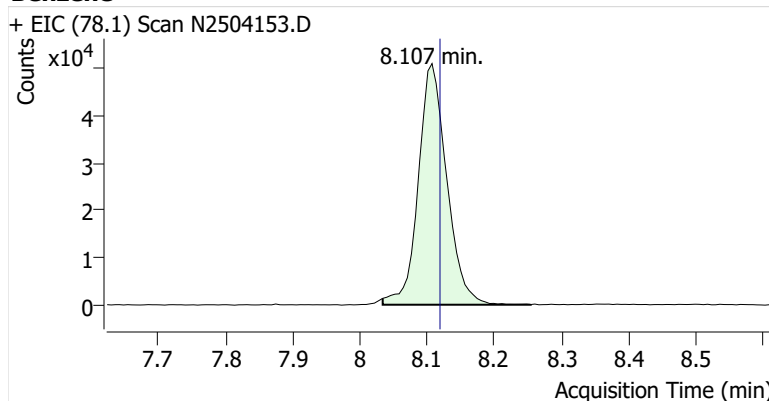


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	829,732	
Benzene	Benzene-d6 (IS)	8.107	8.119	149,566	
Toluene-d8 (IS)		10.615	10.627	1,427,868	
Toluene	Toluene-d8 (IS)	10.707	10.719	472,404	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	93,320	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	239,471	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	100,736	

Benzene-d6 (IS)

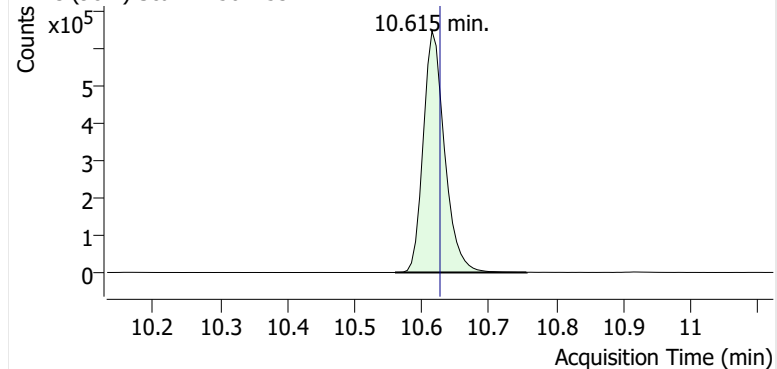


Benzene

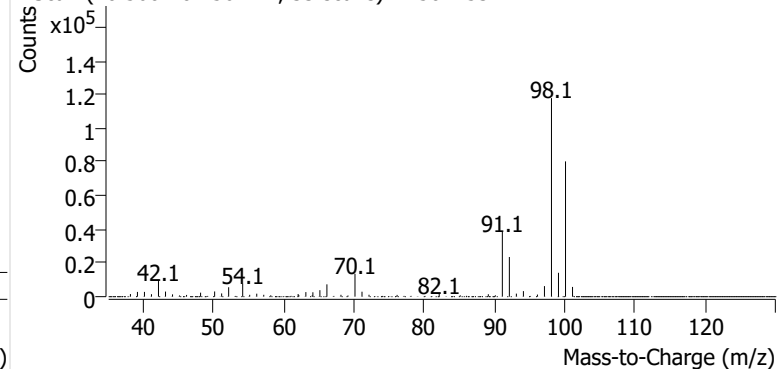


Toluene-d8 (IS)

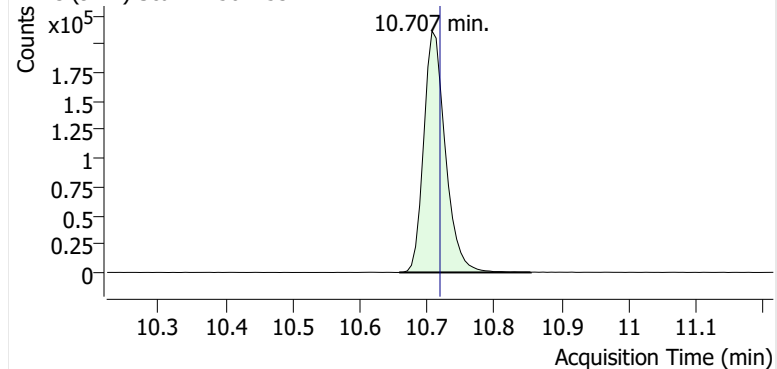
+ EIC (98.1) Scan N2504153.D



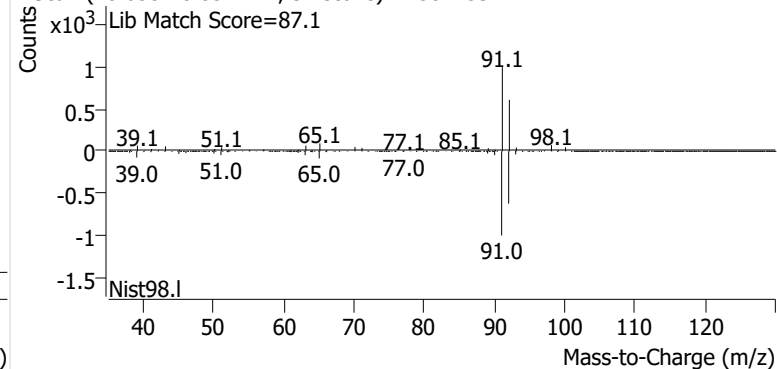
+ Scan (10.560-10.756 min, 33 scans) N2504153.D

**Toluene**

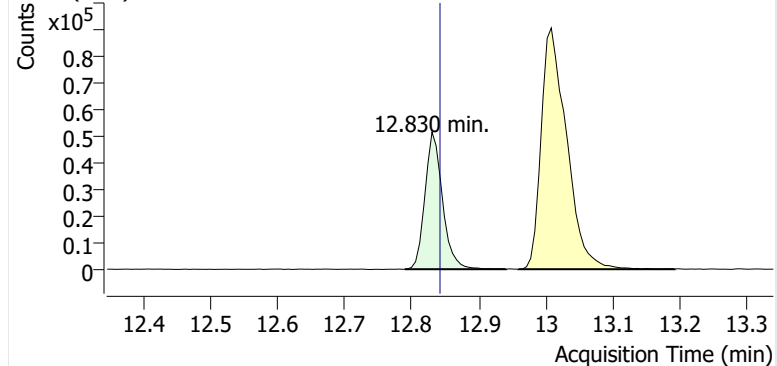
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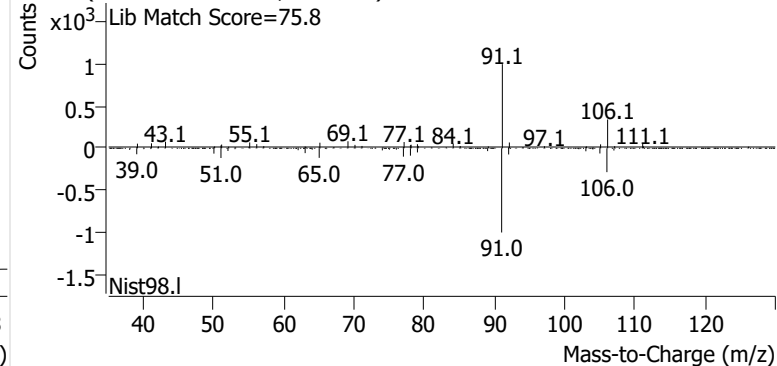
+ Scan (10.658-10.854 min, 32 scans) N2504153.D

**Ethylbenzene**

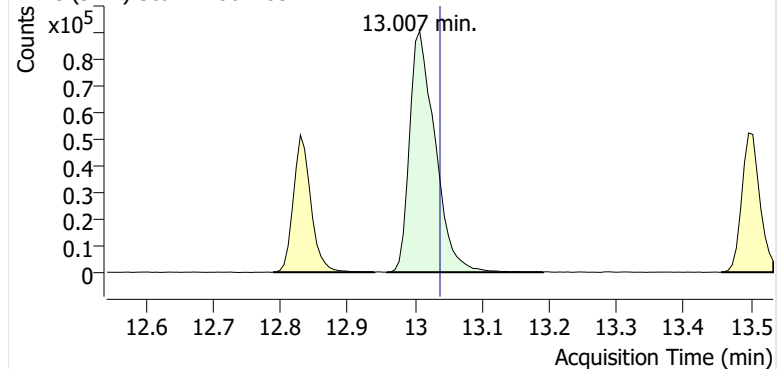
+ EIC (91.1) Scan N2504153.D



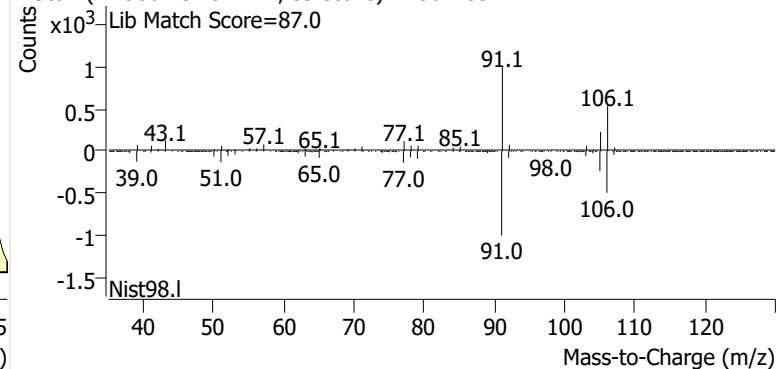
+ Scan (12.789-12.940 min, 25 scans) N2504153.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504153.D

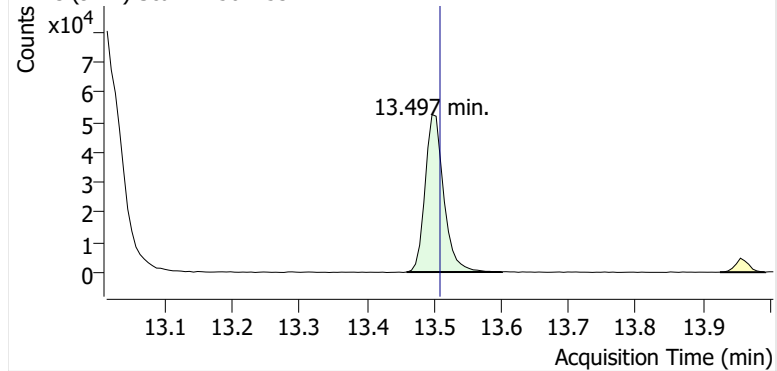


+ Scan (12.958-13.191 min, 39 scans) N2504153.D

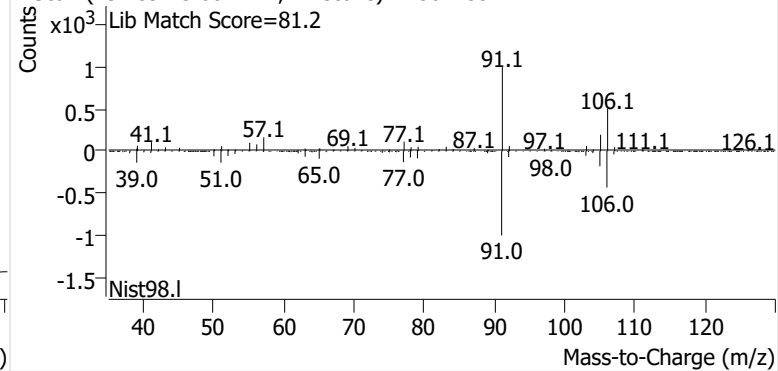


o-Xylene

+ EIC (91.1) Scan N2504153.D

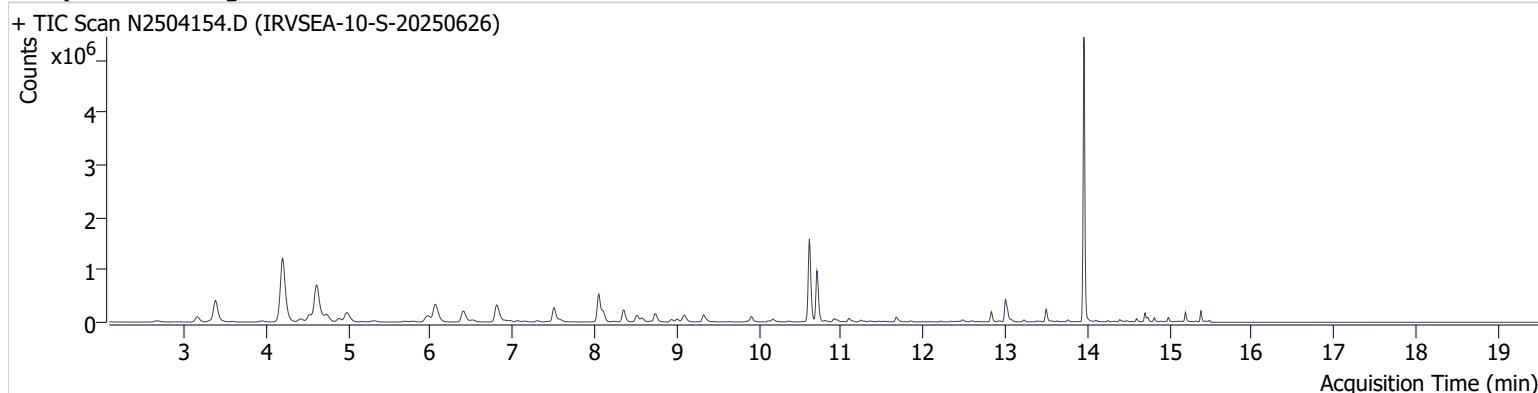


+ Scan (13.459-13.601 min, 24 scans) N2504153.D



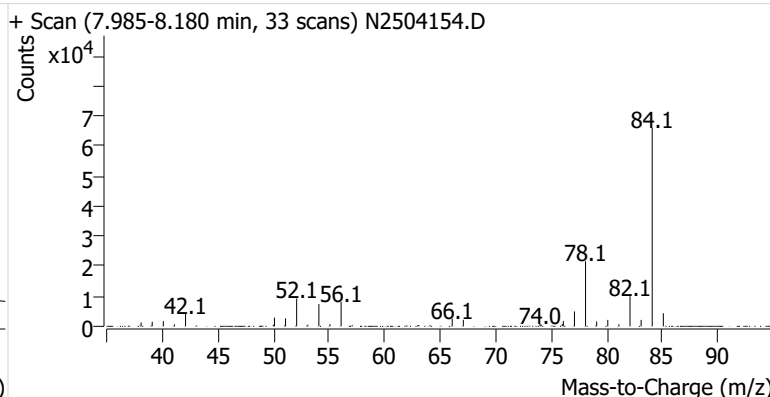
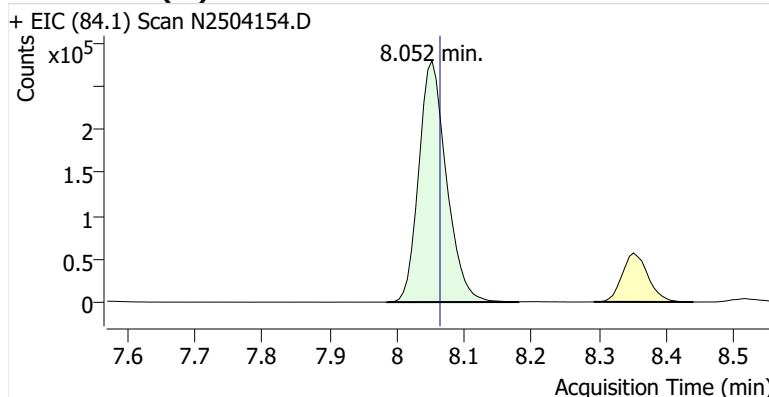
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Comment B49540
Data File N2504154.D
Acq. Date-Time 7/17/2025 9:03:30 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

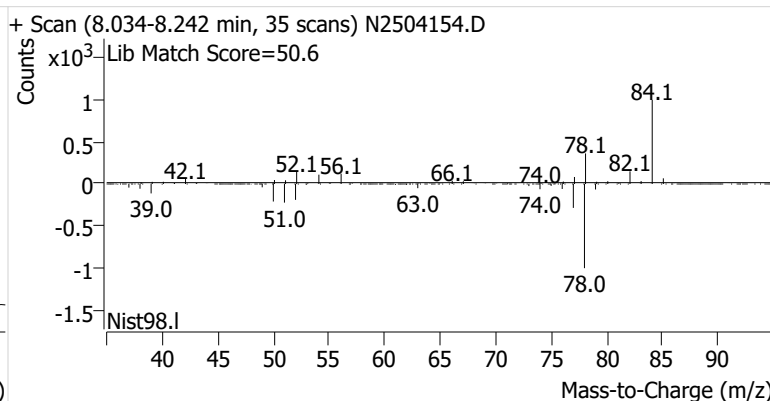
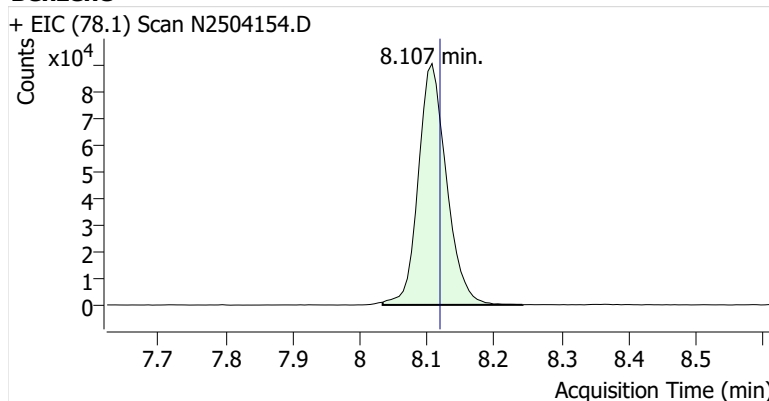


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	799,023	
Benzene	Benzene-d6 (IS)	8.107	8.119	262,271	
Toluene-d8 (IS)		10.615	10.627	1,392,417	
Toluene	Toluene-d8 (IS)	10.707	10.719	903,279	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	158,380	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	392,463	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	164,578	

Benzene-d6 (IS)

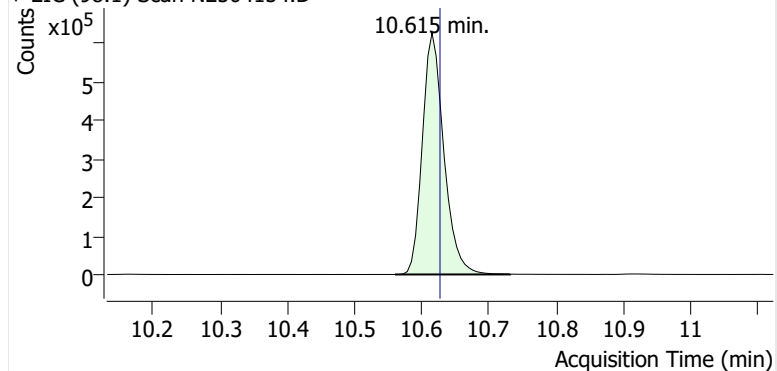


Benzene

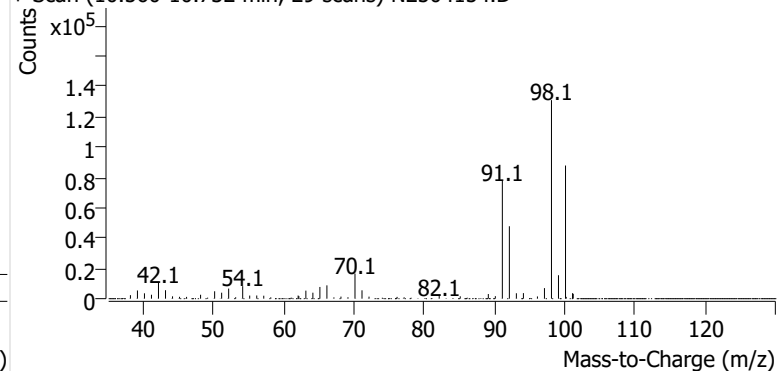


Toluene-d8 (IS)

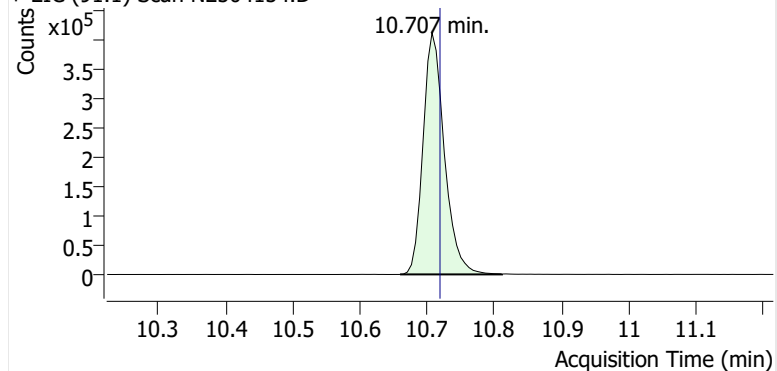
+ EIC (98.1) Scan N2504154.D



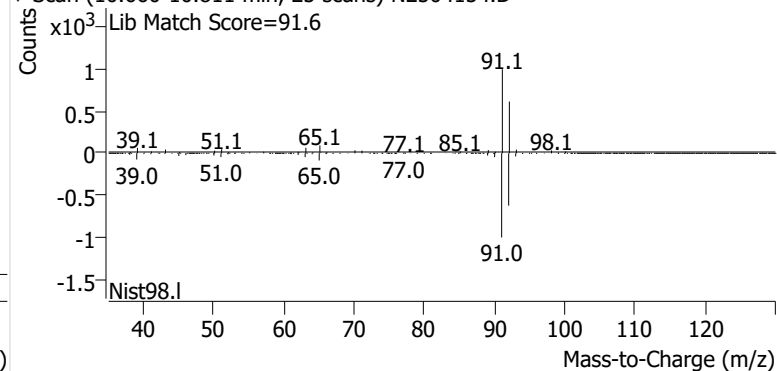
+ Scan (10.560-10.732 min, 29 scans) N2504154.D

**Toluene**

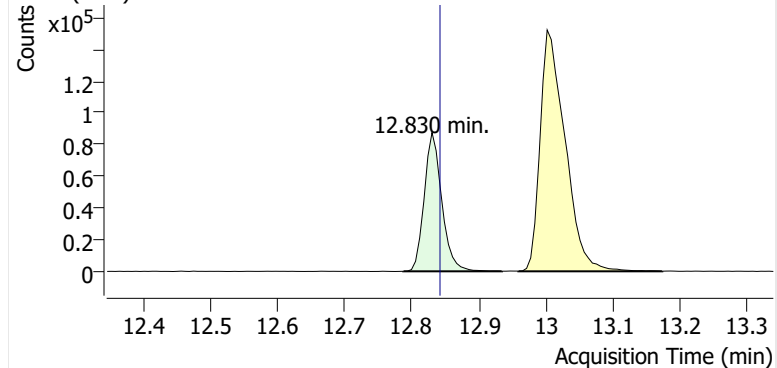
+ EIC (91.1) Scan N2504154.D



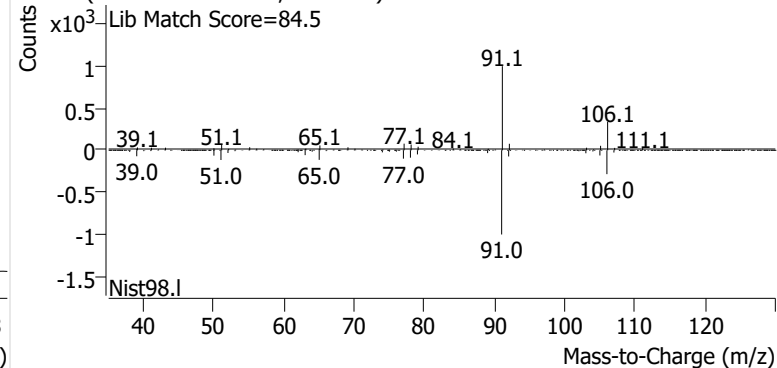
+ Scan (10.660-10.811 min, 25 scans) N2504154.D

**Ethylbenzene**

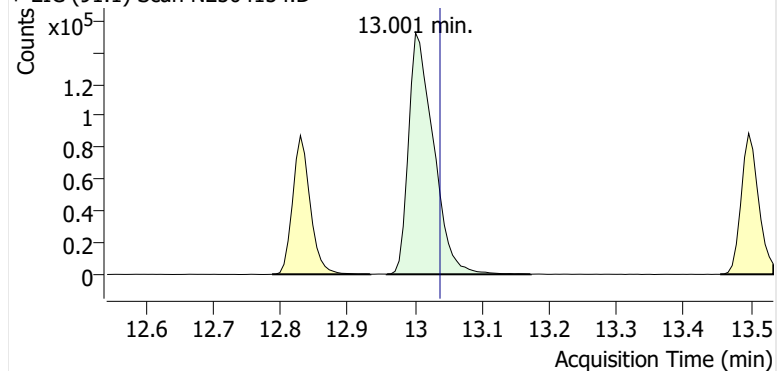
+ EIC (91.1) Scan N2504154.D



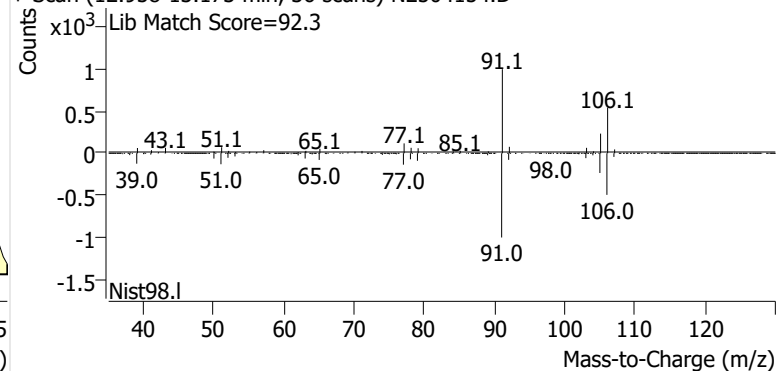
+ Scan (12.787-12.934 min, 25 scans) N2504154.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504154.D

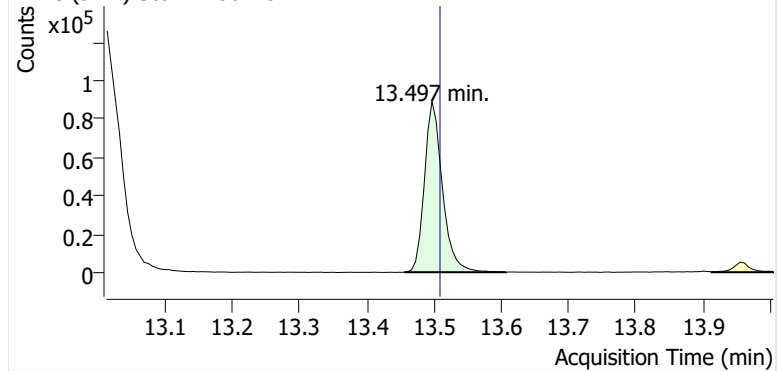


+ Scan (12.958-13.173 min, 36 scans) N2504154.D

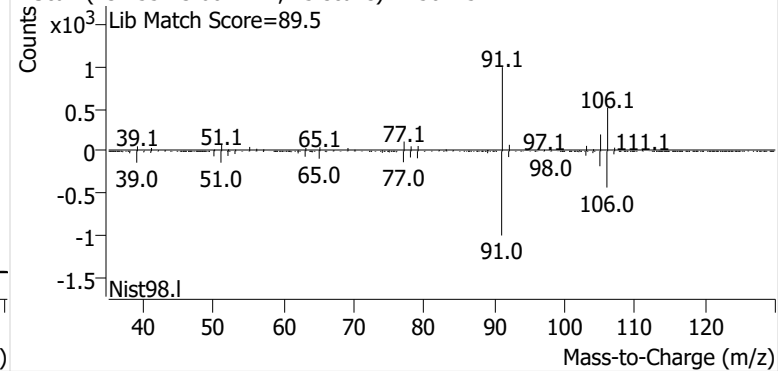


o-Xylene

+ EIC (91.1) Scan N2504154.D

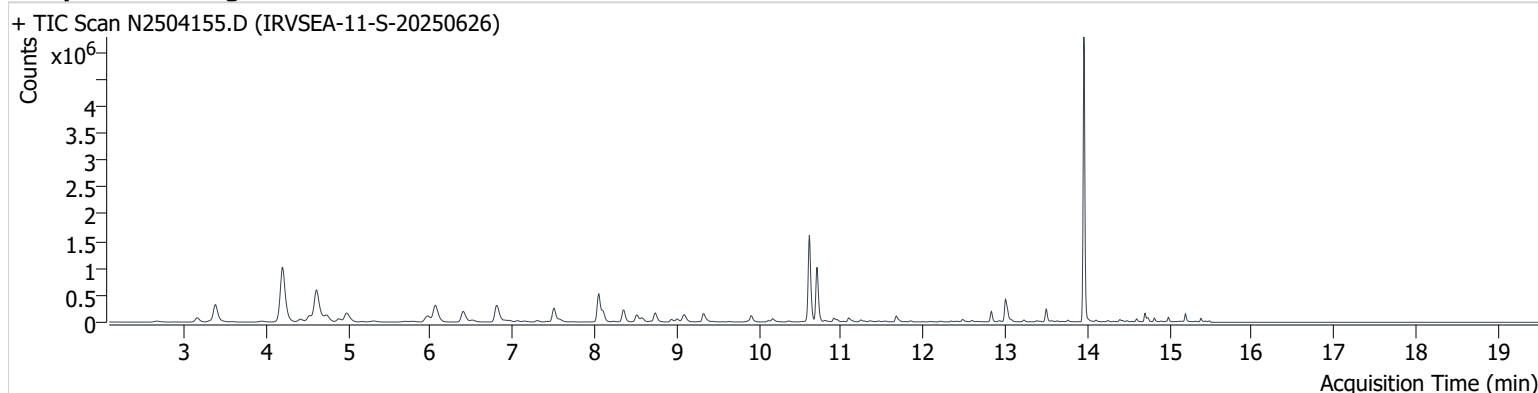


+ Scan (13.455-13.607 min, 25 scans) N2504154.D



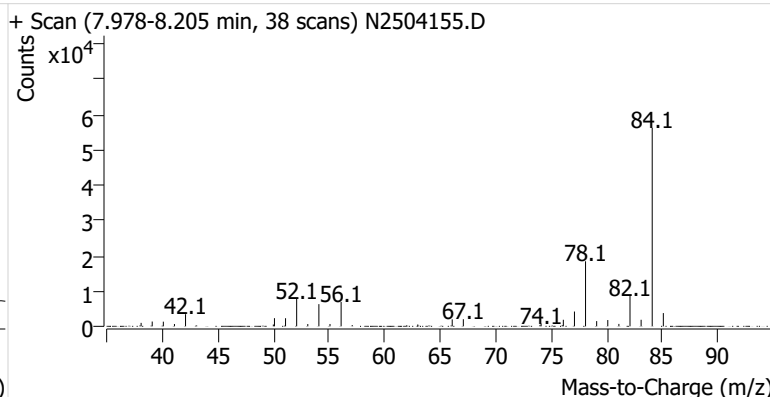
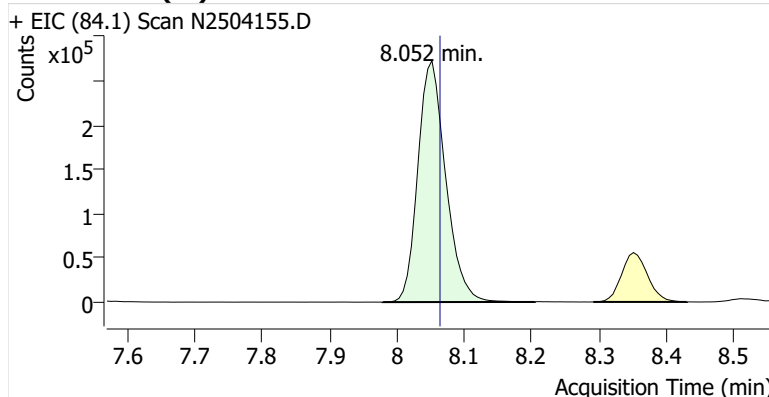
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Comment B46754
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Acq. Date-Time 7/17/2025 9:43:25 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

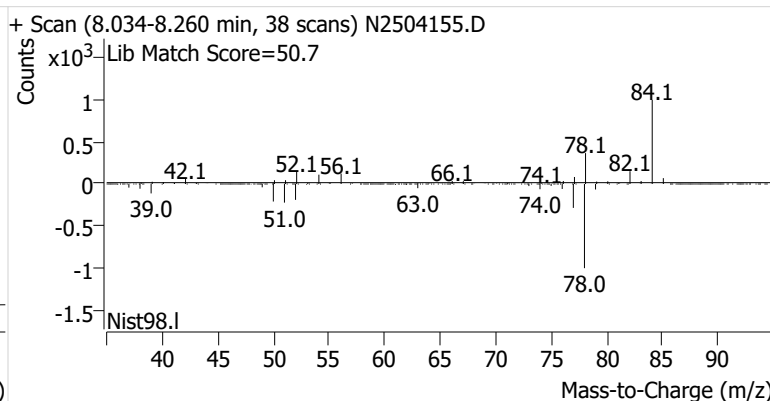
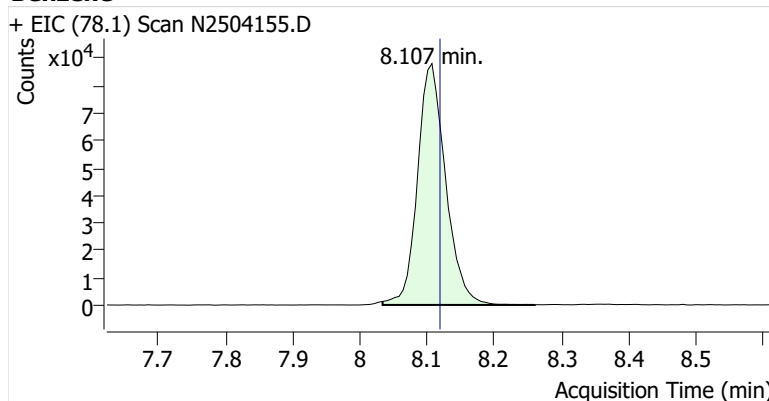


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	783,185	
Benzene	Benzene-d6 (IS)	8.107	8.119	255,740	
Toluene-d8 (IS)		10.615	10.627	1,375,073	
Toluene	Toluene-d8 (IS)	10.707	10.719	936,783	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	158,475	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	388,689	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	162,074	

Benzene-d6 (IS)

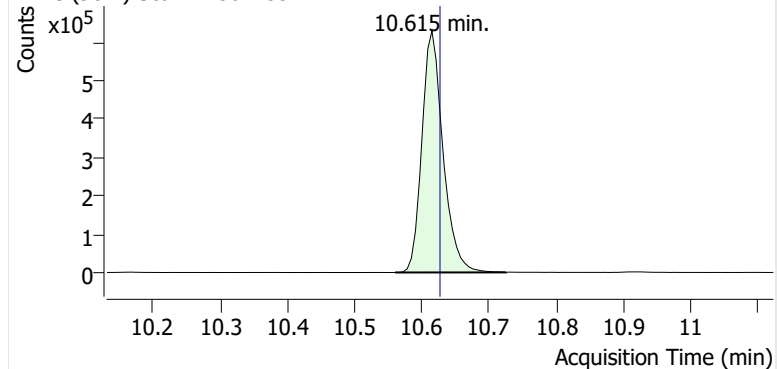


Benzene

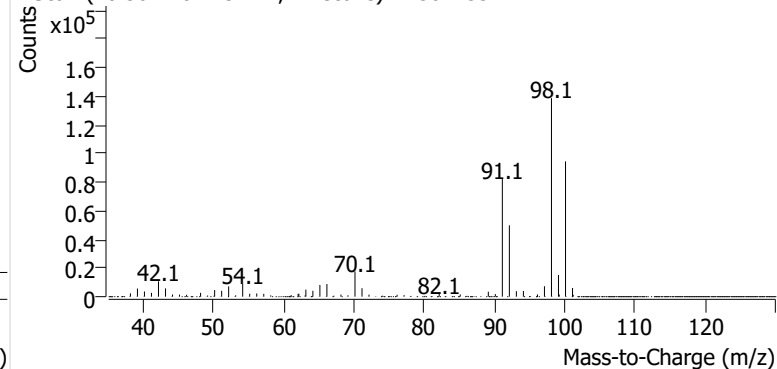


Toluene-d8 (IS)

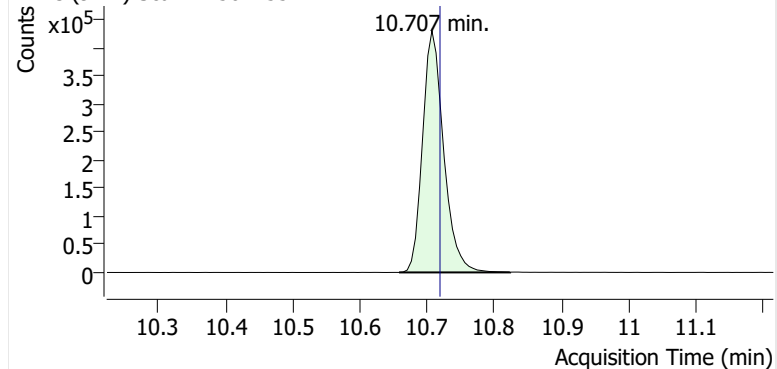
+ EIC (98.1) Scan N2504155.D



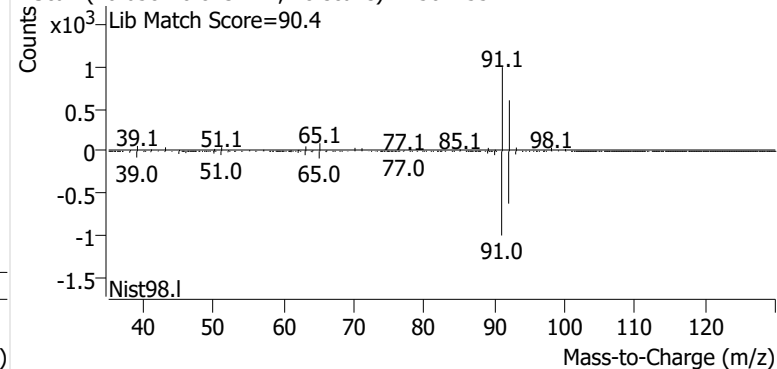
+ Scan (10.561-10.725 min, 27 scans) N2504155.D

**Toluene**

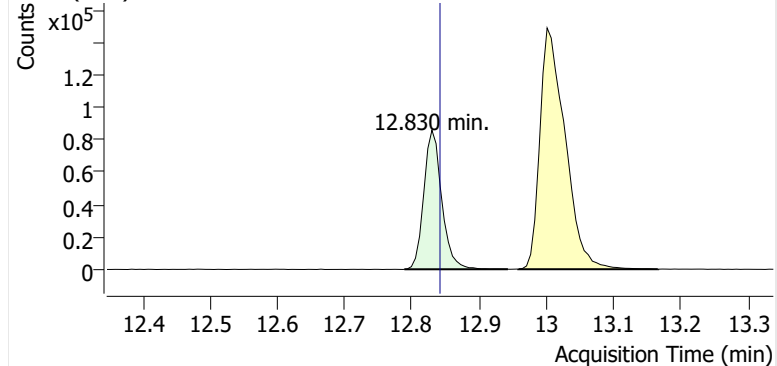
+ EIC (91.1) Scan N2504155.D



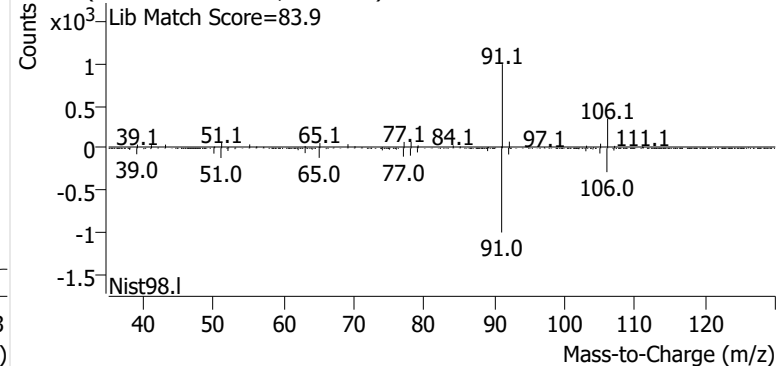
+ Scan (10.658-10.823 min, 28 scans) N2504155.D

**Ethylbenzene**

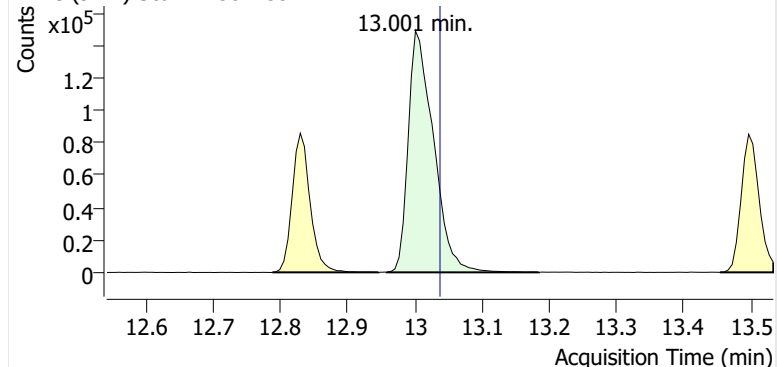
+ EIC (91.1) Scan N2504155.D



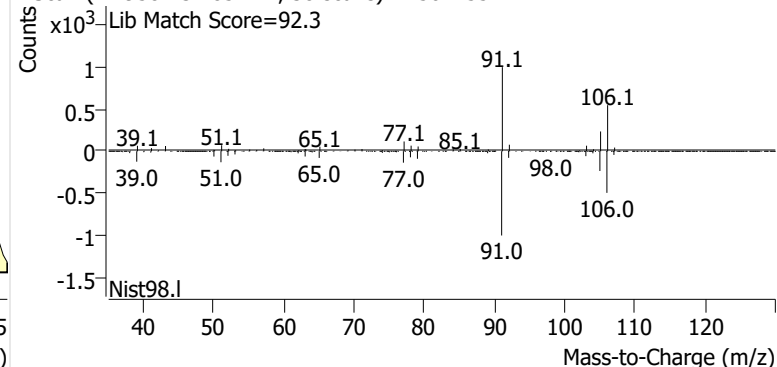
+ Scan (12.789-12.943 min, 25 scans) N2504155.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504155.D

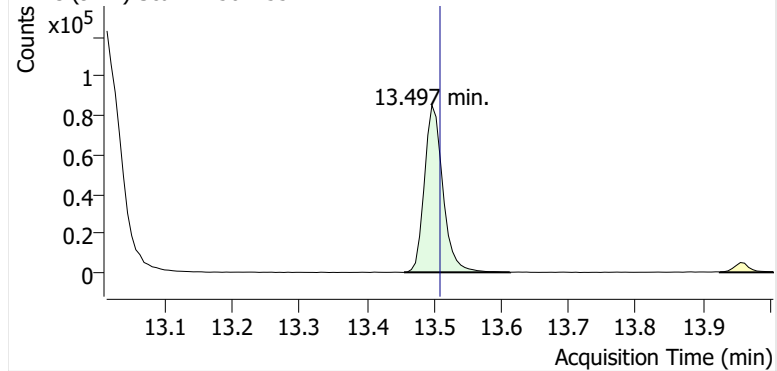


+ Scan (12.958-13.185 min, 38 scans) N2504155.D

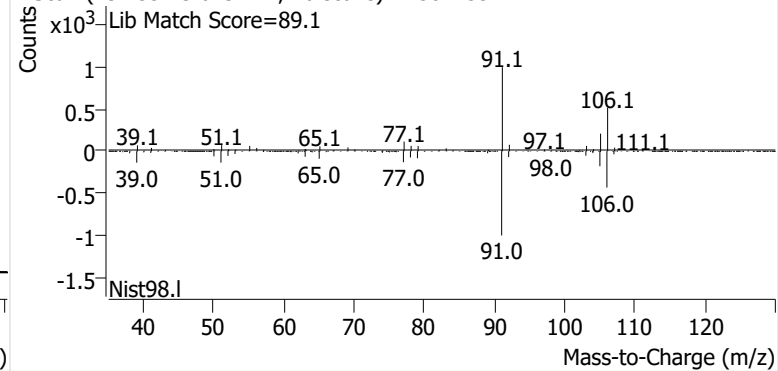


o-Xylene

+ EIC (91.1) Scan N2504155.D

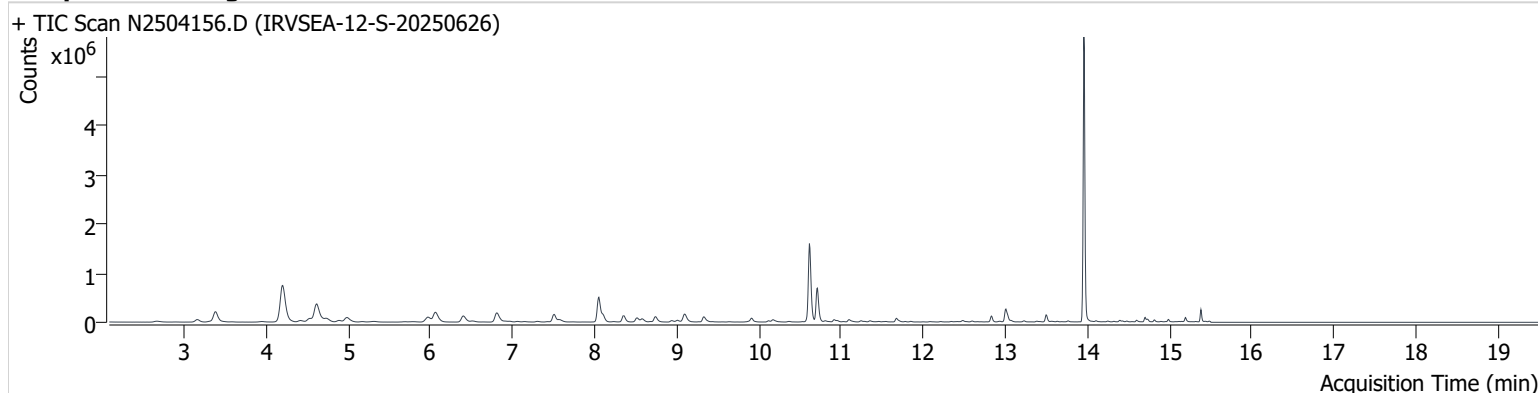


+ Scan (13.455-13.613 min, 26 scans) N2504155.D



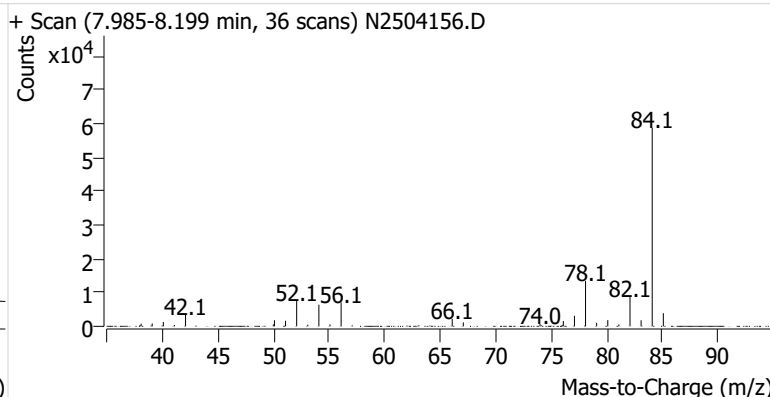
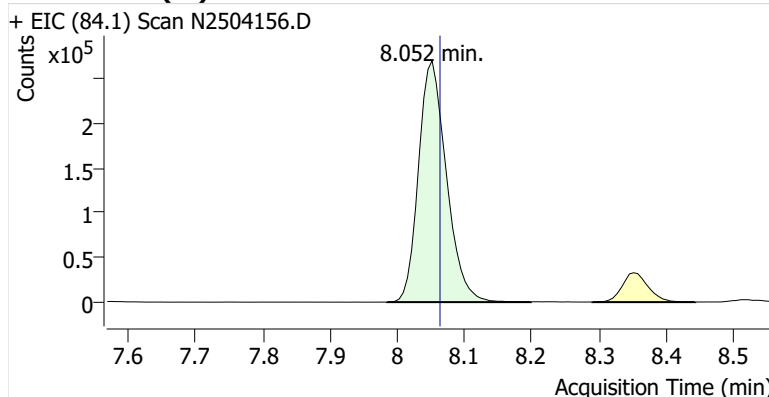
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Comment C00842
Data File N2504156.D
Acq. Date-Time 7/17/2025 10:23:20 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

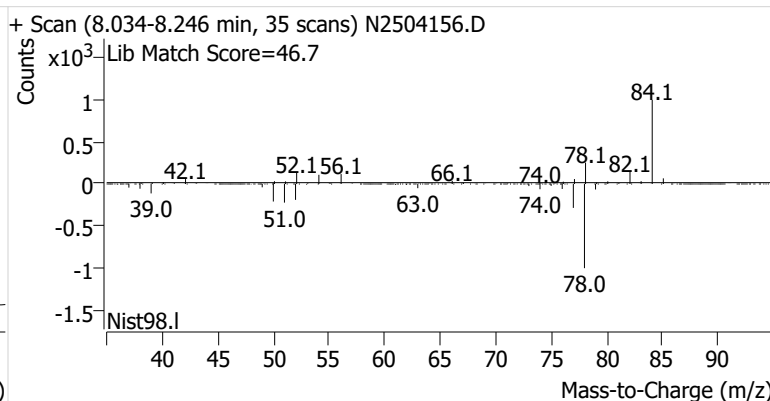
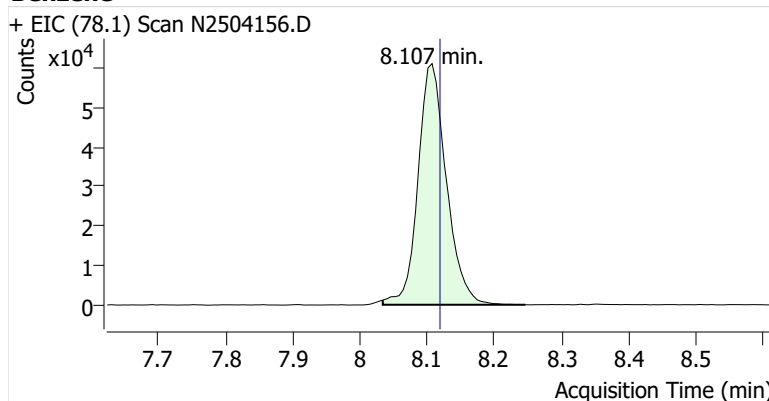


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	777,603	
Benzene	Benzene-d6 (IS)	8.107	8.119	178,617	
Toluene-d8 (IS)		10.615	10.627	1,407,324	
Toluene	Toluene-d8 (IS)	10.707	10.719	627,192	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	99,876	
m-/p-Xylenes	Toluene-d8 (IS)	13.008	13.038	242,738	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	101,870	

Benzene-d6 (IS)

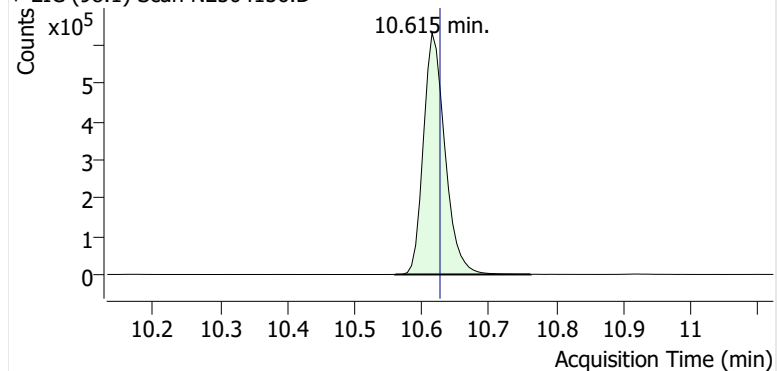


Benzene

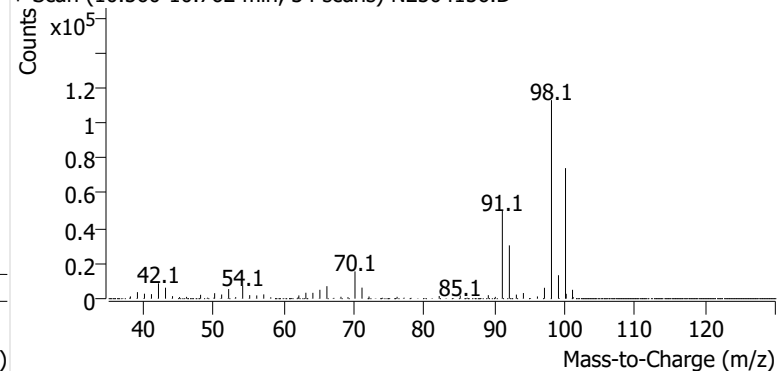


Toluene-d8 (IS)

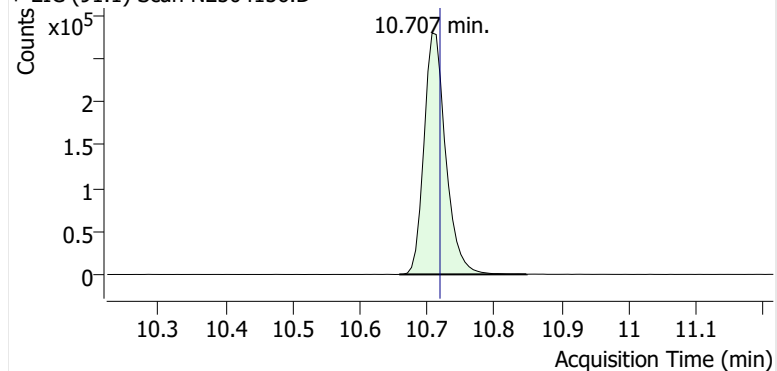
+ EIC (98.1) Scan N2504156.D



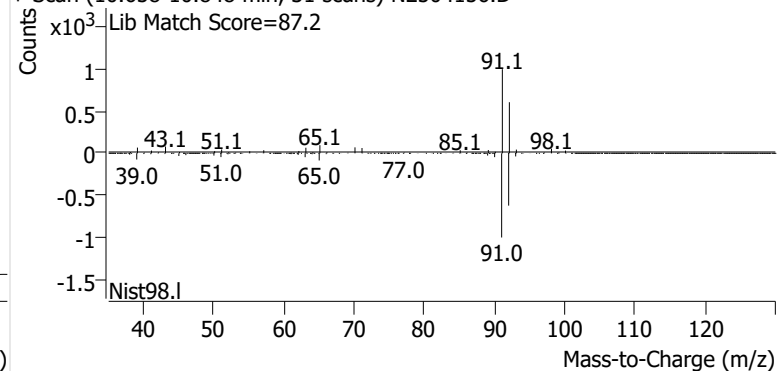
+ Scan (10.560-10.762 min, 34 scans) N2504156.D

**Toluene**

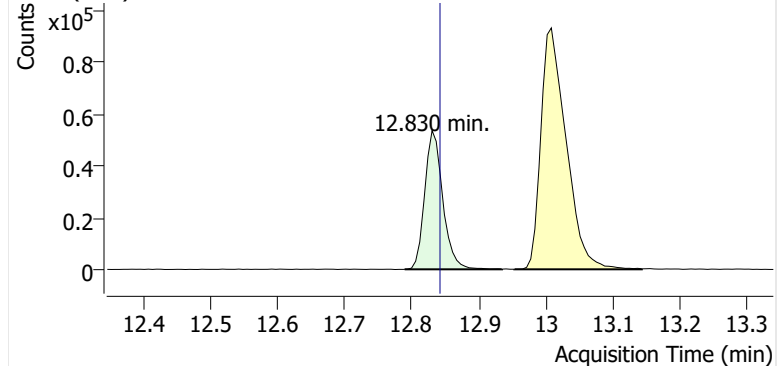
+ EIC (91.1) Scan N2504156.D



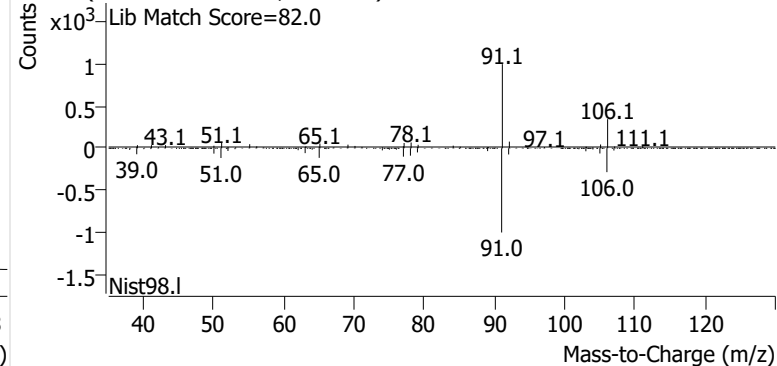
+ Scan (10.658-10.848 min, 31 scans) N2504156.D

**Ethylbenzene**

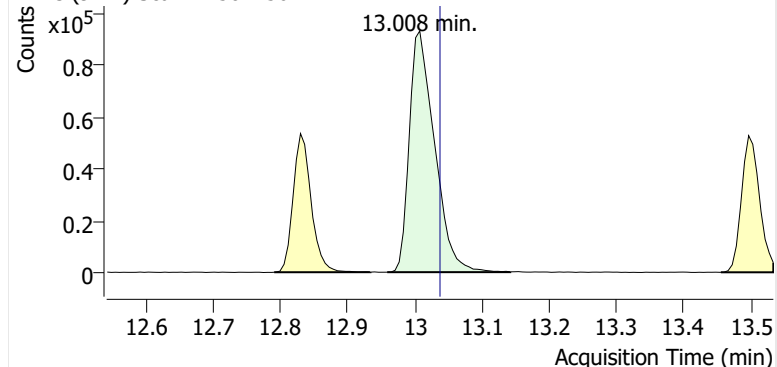
+ EIC (91.1) Scan N2504156.D



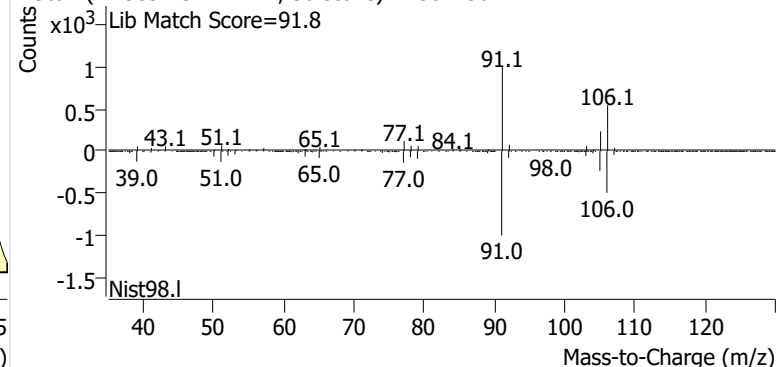
+ Scan (12.789-12.934 min, 24 scans) N2504156.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504156.D

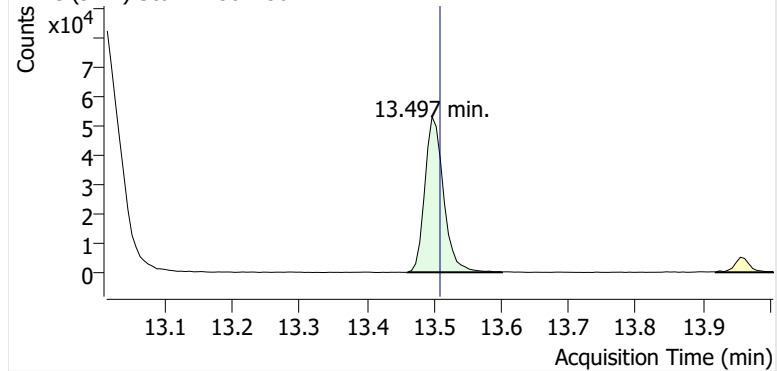


+ Scan (12.959-13.142 min, 30 scans) N2504156.D

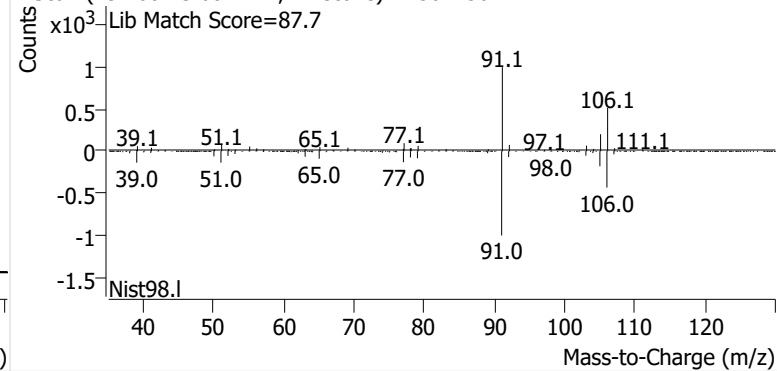


o-Xylene

+ EIC (91.1) Scan N2504156.D

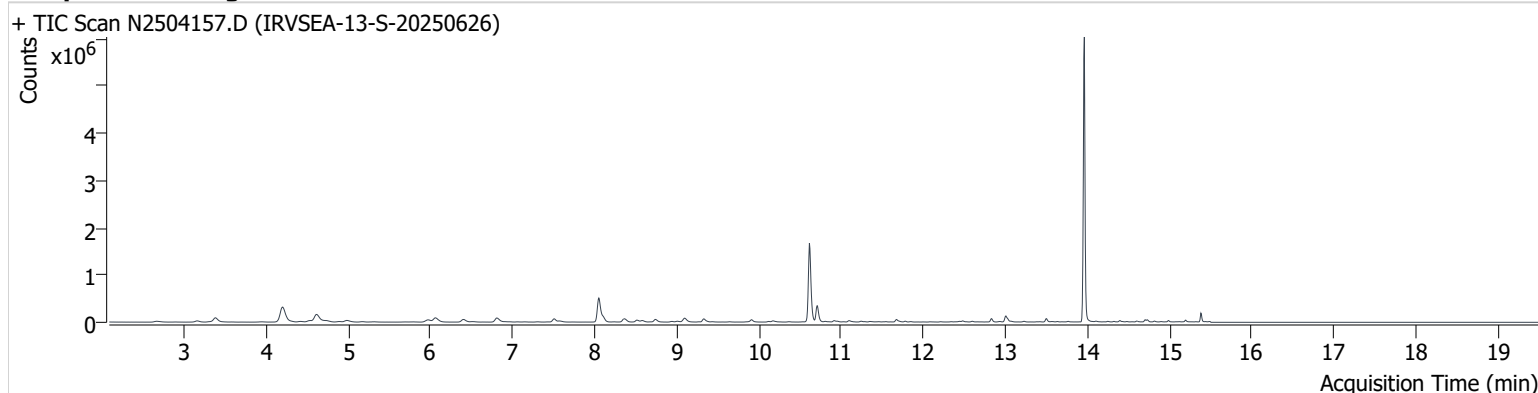


+ Scan (13.460-13.601 min, 24 scans) N2504156.D



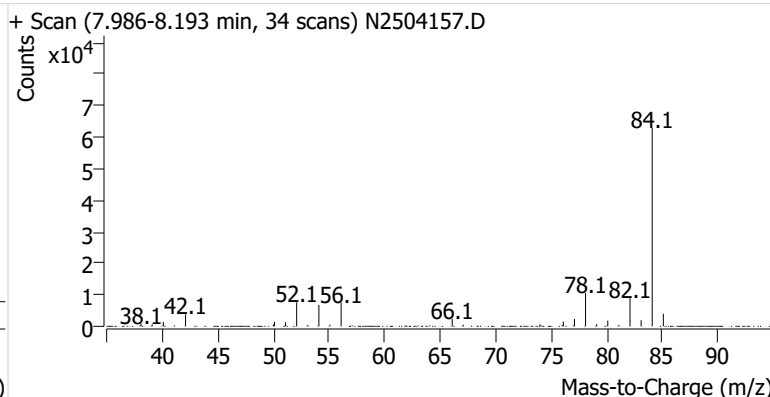
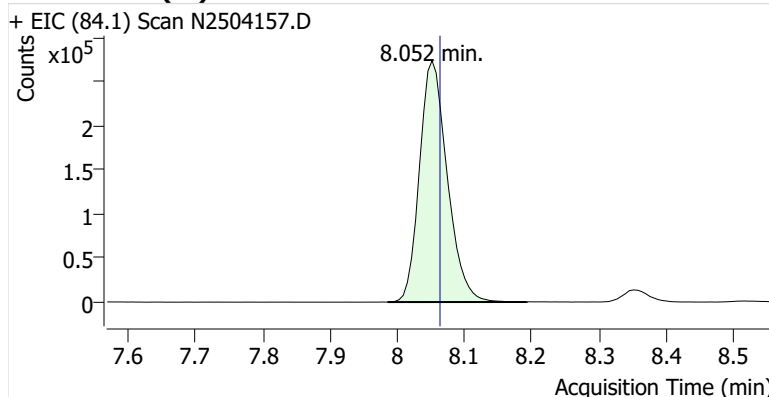
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Comment B50870
Data File N2504157.D
Acq. Date-Time 7/17/2025 11:03:14 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

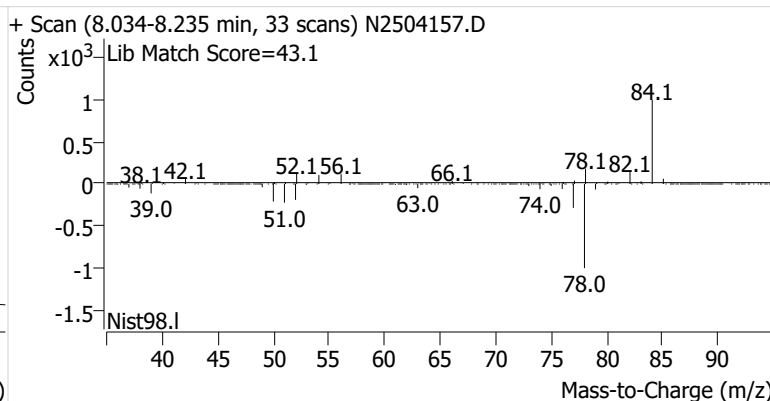
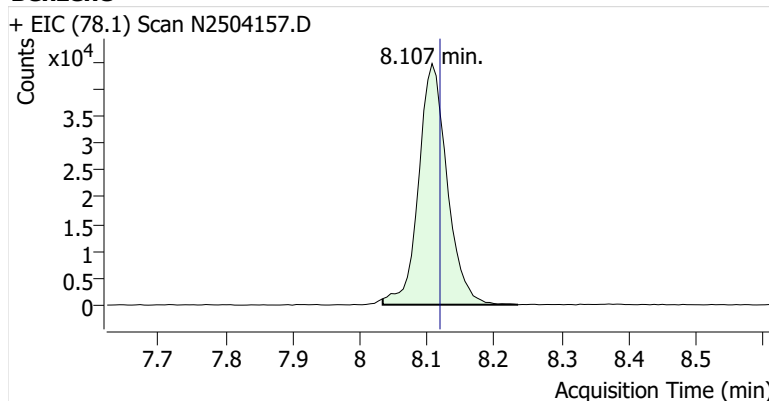


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	783,683	
Benzene	Benzene-d6 (IS)	8.107	8.119	131,365	
Toluene-d8 (IS)		10.615	10.627	1,436,731	
Toluene	Toluene-d8 (IS)	10.707	10.719	310,858	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	58,217	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	115,213	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	47,747	

Benzene-d6 (IS)

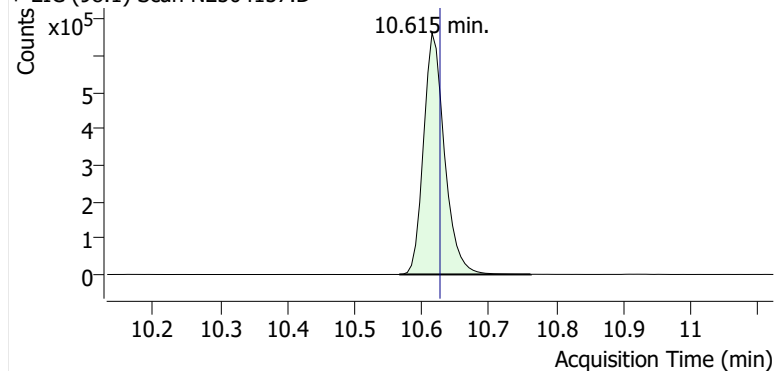


Benzene

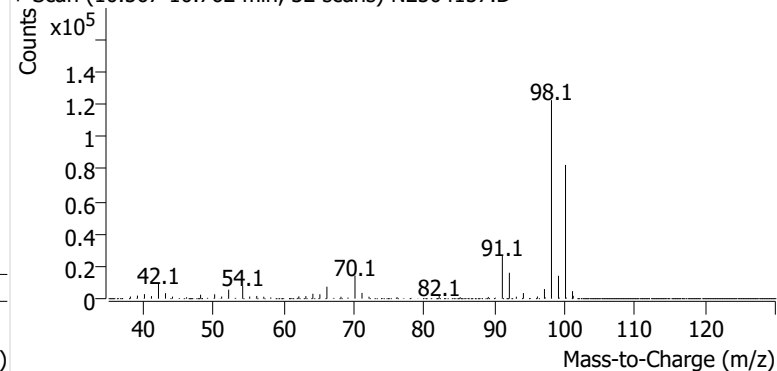


Toluene-d8 (IS)

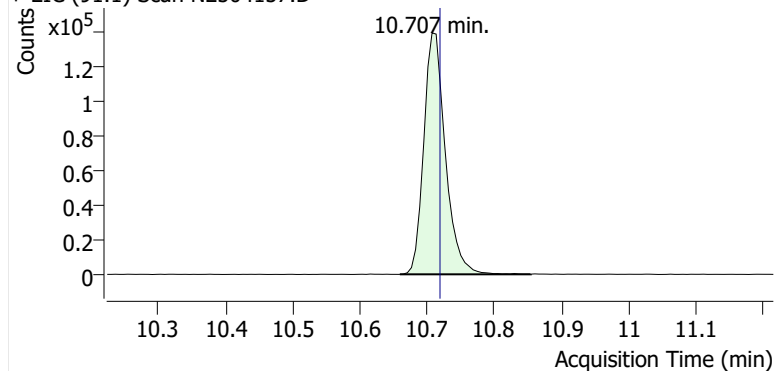
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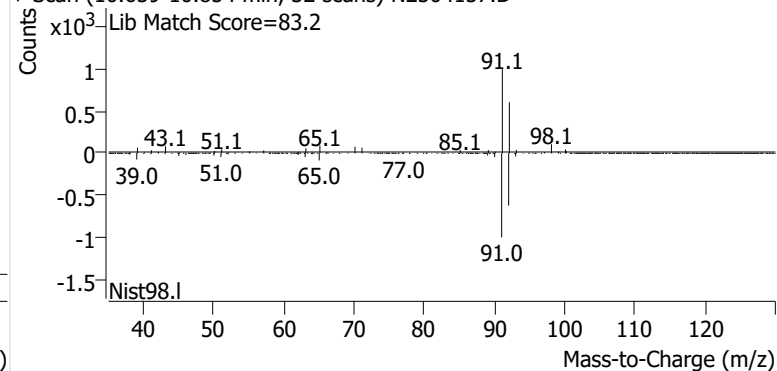
+ Scan (10.567-10.762 min, 32 scans) N2504157.D

**Toluene**

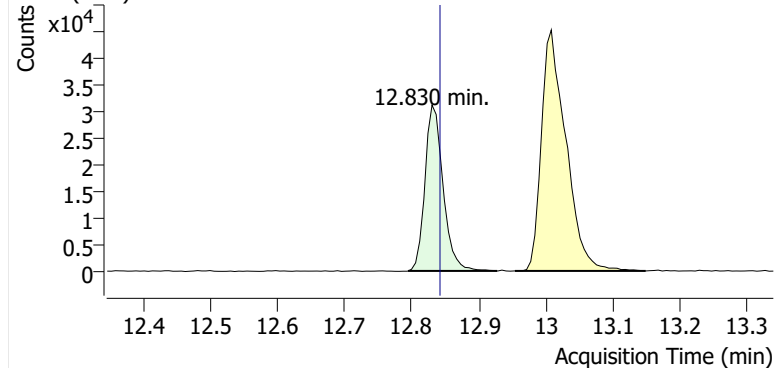
+ EIC (91.1) Scan N2504157.D



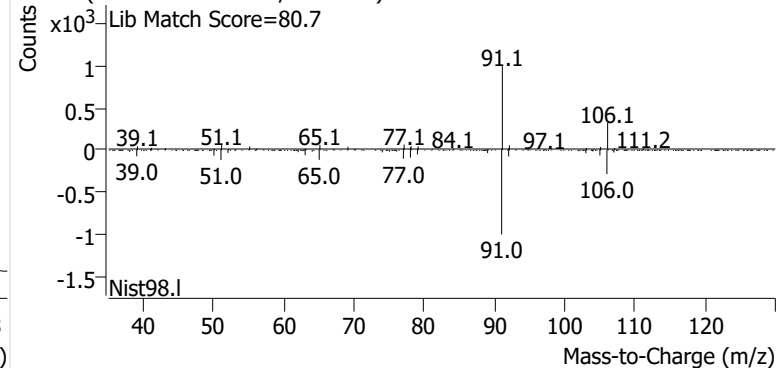
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**Ethylbenzene**

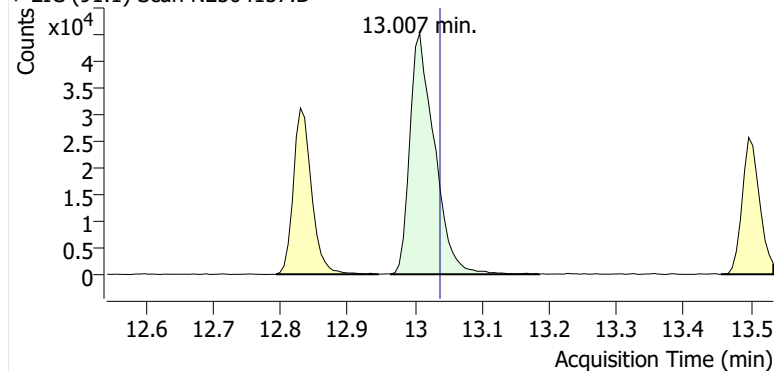
+ EIC (91.1) Scan N2504157.D



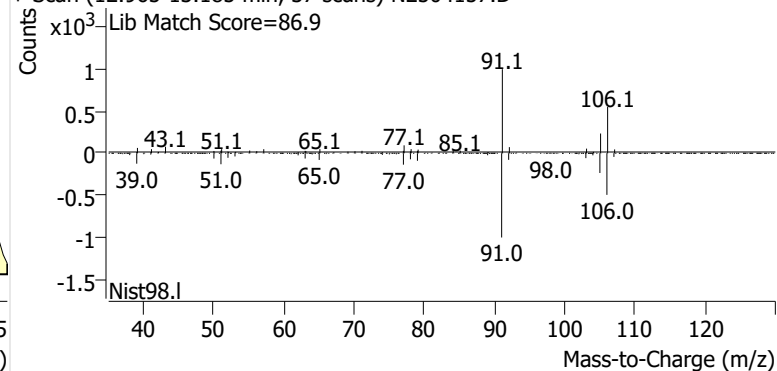
+ Scan (12.794-12.927 min, 21 scans) N2504157.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504157.D

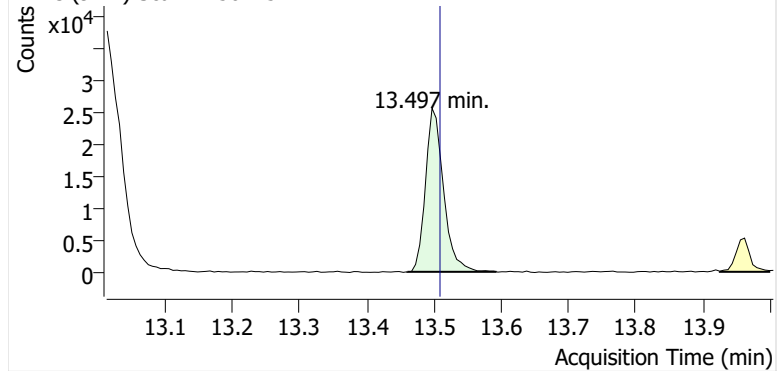


+ Scan (12.965-13.185 min, 37 scans) N2504157.D

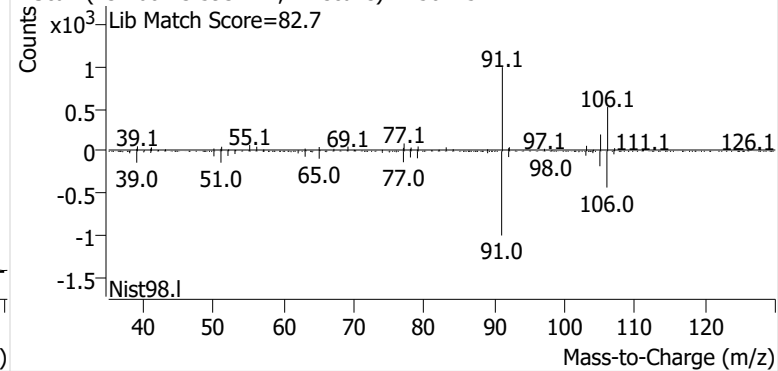


o-Xylene

+ EIC (91.1) Scan N2504157.D

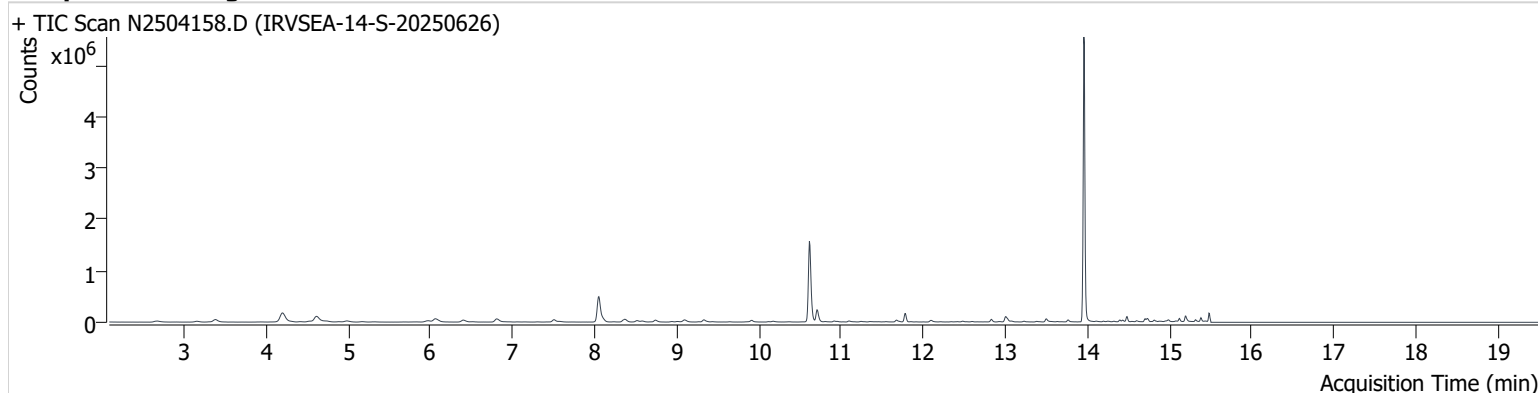


+ Scan (13.460-13.593 min, 22 scans) N2504157.D



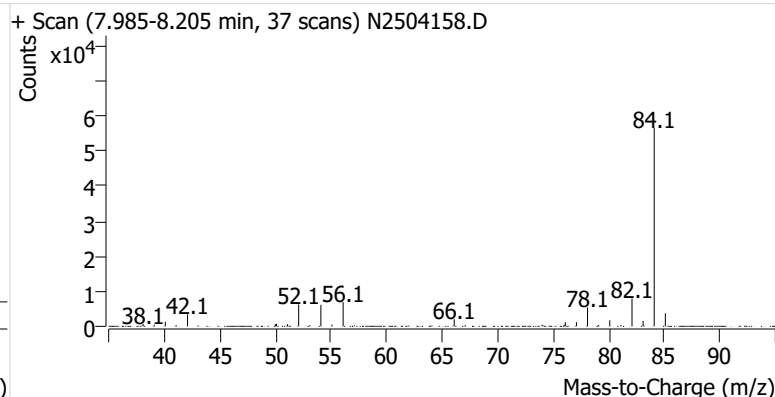
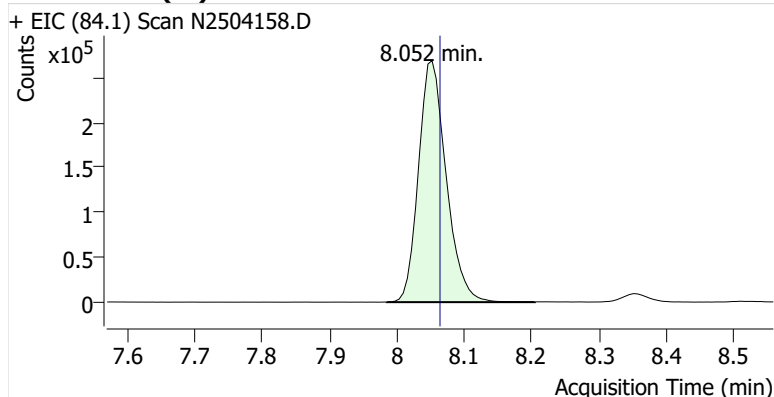
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Comment C55769
Data File N2504158.D
Acq. Date-Time 7/17/2025 11:43:15 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

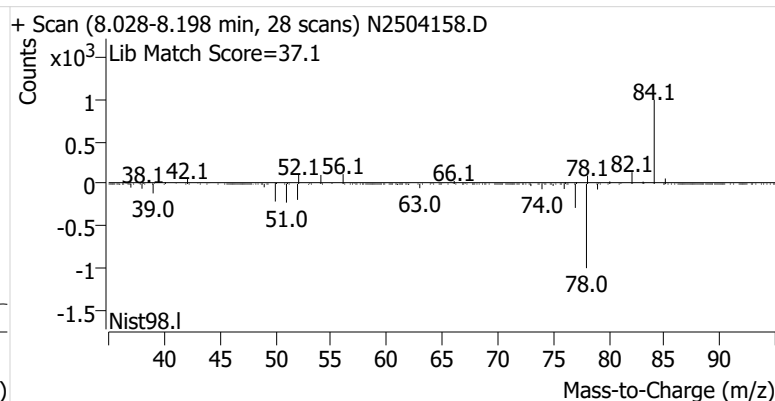
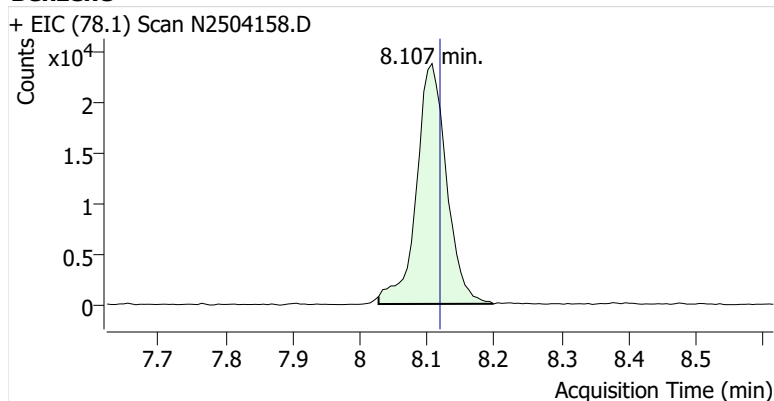


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	769,809	
Benzene	Benzene-d6 (IS)	8.107	8.119	73,566	
Toluene-d8 (IS)		10.615	10.627	1,380,870	
Toluene	Toluene-d8 (IS)	10.707	10.719	215,398	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	40,321	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	97,758	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	41,272	

Benzene-d6 (IS)

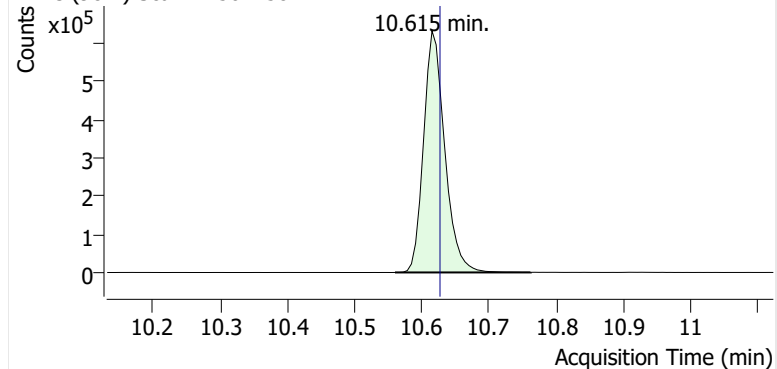


Benzene

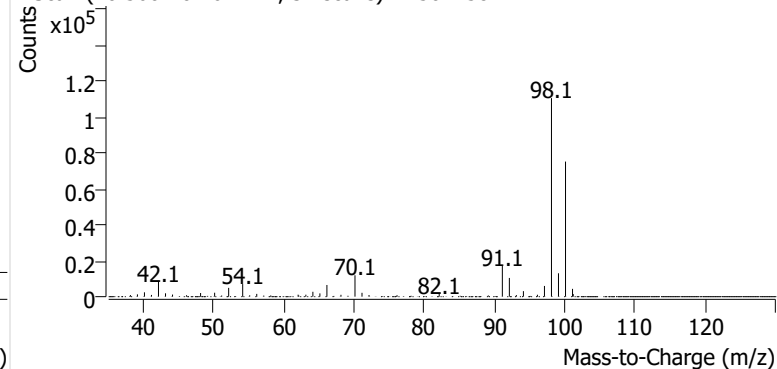


Toluene-d8 (IS)

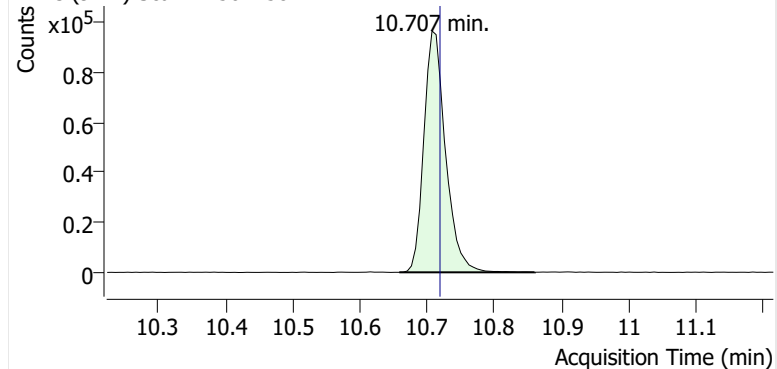
+ EIC (98.1) Scan N2504158.D



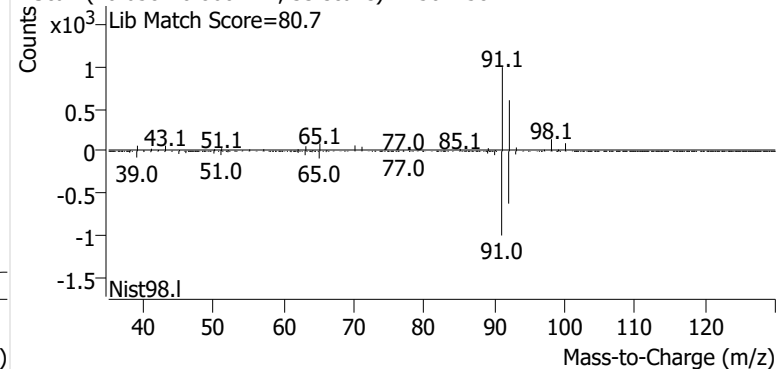
+ Scan (10.560-10.762 min, 34 scans) N2504158.D

**Toluene**

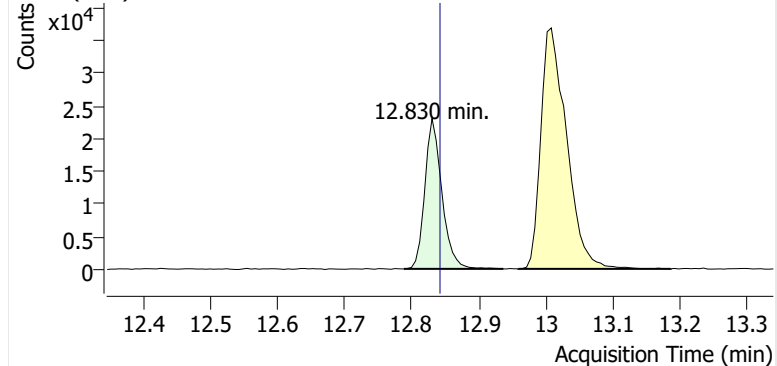
+ EIC (91.1) Scan N2504158.D



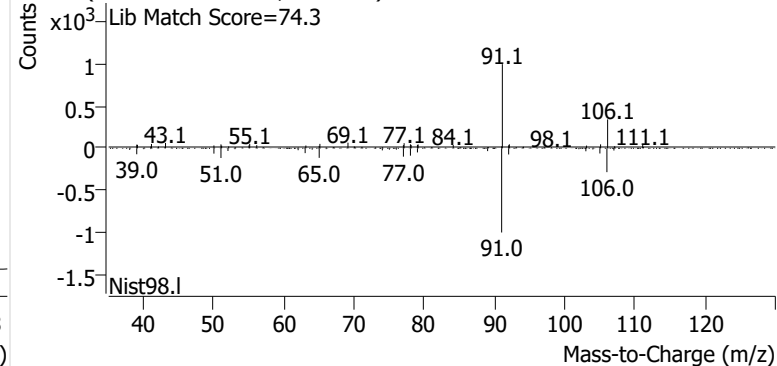
+ Scan (10.658-10.860 min, 33 scans) N2504158.D

**Ethylbenzene**

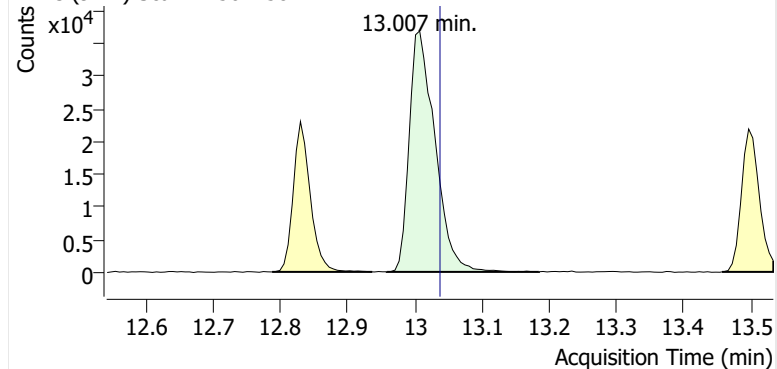
+ EIC (91.1) Scan N2504158.D



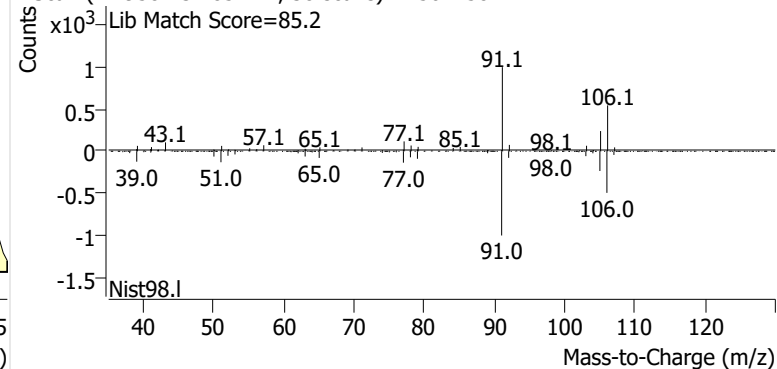
+ Scan (12.788-12.936 min, 24 scans) N2504158.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504158.D

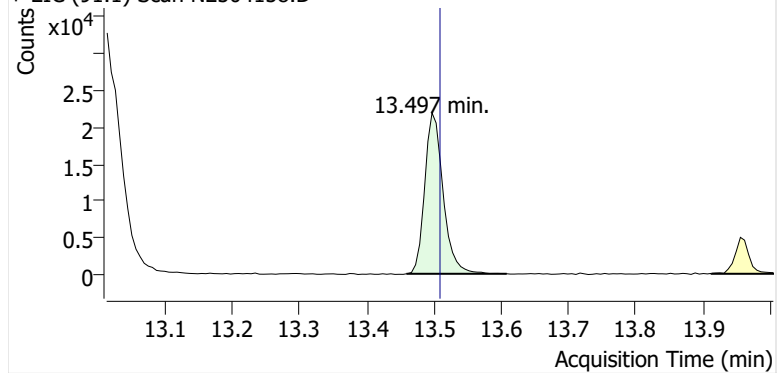


+ Scan (12.958-13.185 min, 38 scans) N2504158.D

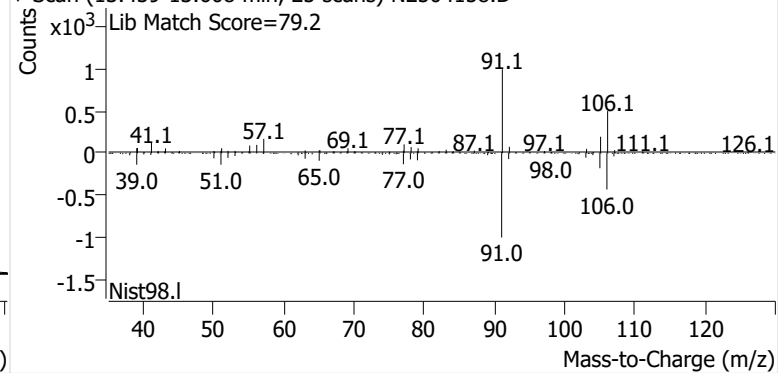


o-Xylene

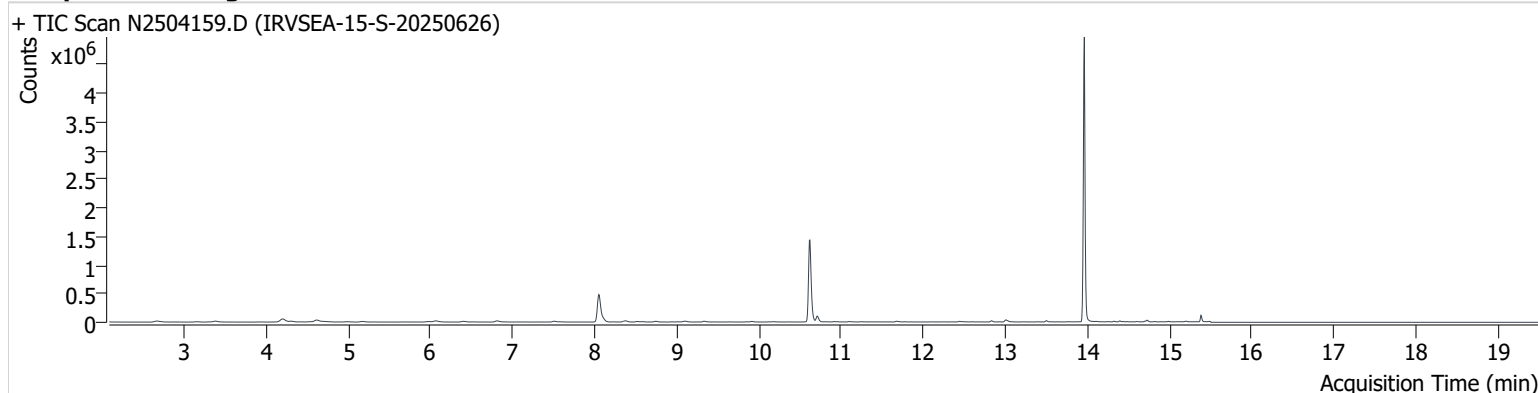
+ EIC (91.1) Scan N2504158.D



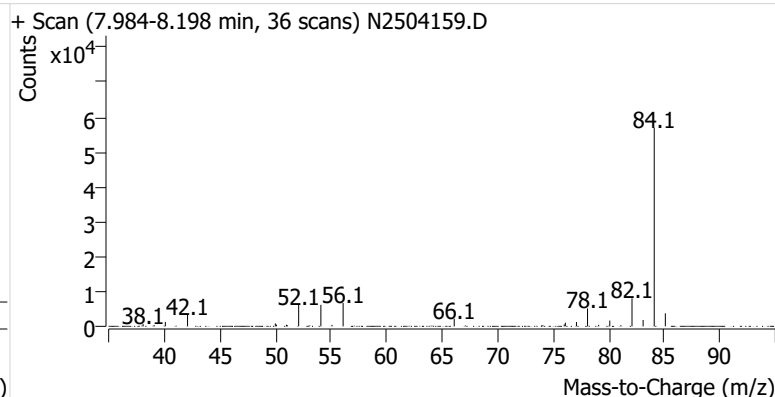
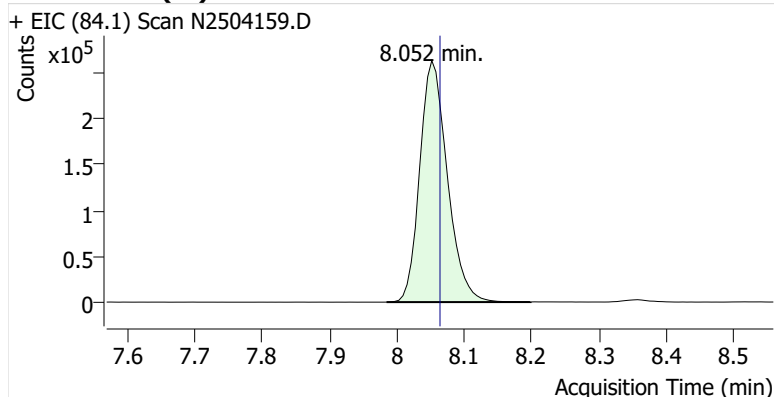
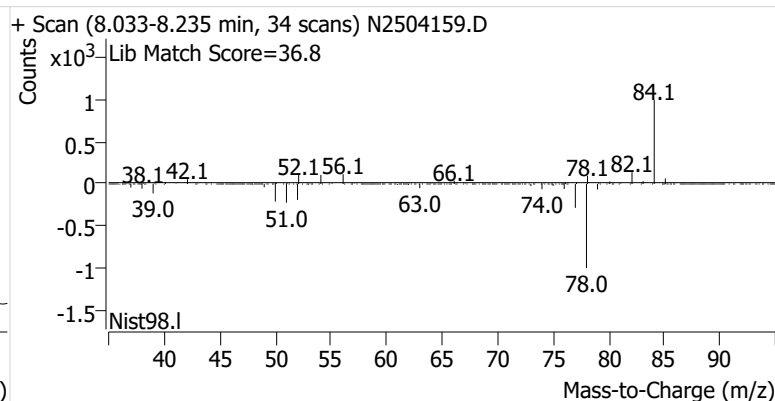
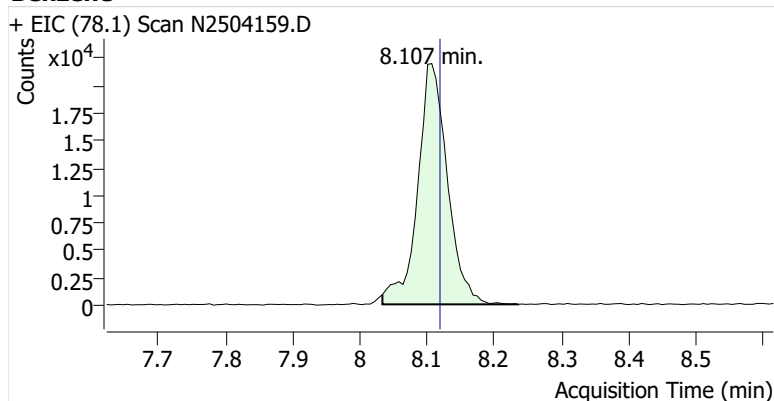
+ Scan (13.459-13.608 min, 25 scans) N2504158.D



Name IRVSEA-15-S-20250626
Comment B19797
Data File N2504159.D
Acq. Date-Time 7/17/2025 12:23:10 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

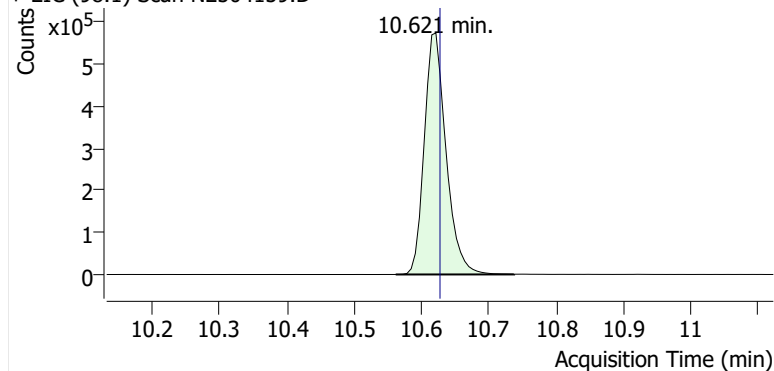
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	751,592	
Benzene	Benzene-d6 (IS)	8.107	8.119	67,669	
Toluene-d8 (IS)		10.621	10.627	1,289,171	
Toluene	Toluene-d8 (IS)	10.713	10.719	90,407	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	16,672	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	32,647	
o-Xylene	Toluene-d8 (IS)	13.496	13.509	14,301	

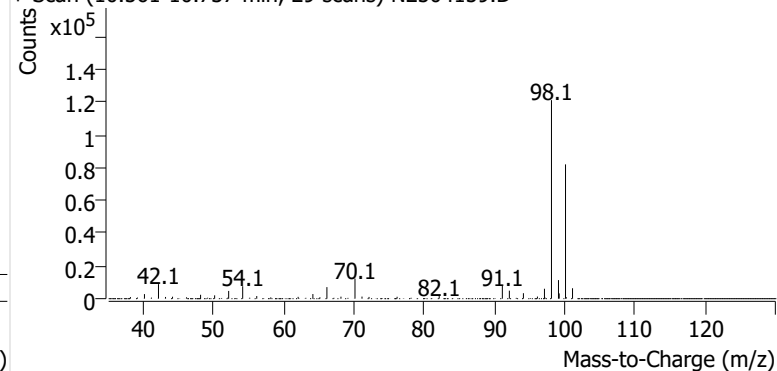
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

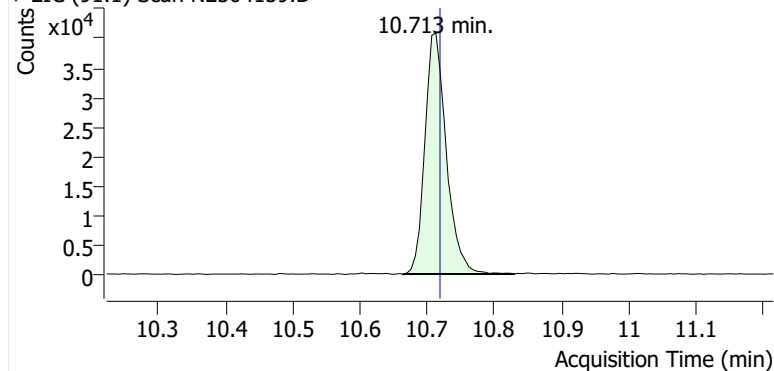
+ EIC (98.1) Scan N2504159.D



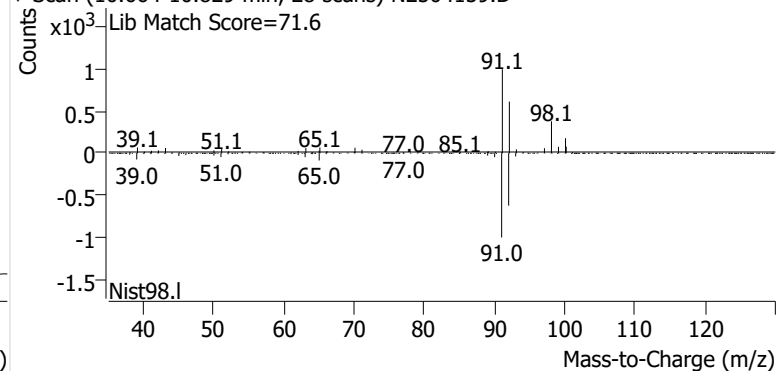
+ Scan (10.561-10.737 min, 29 scans) N2504159.D

**Toluene**

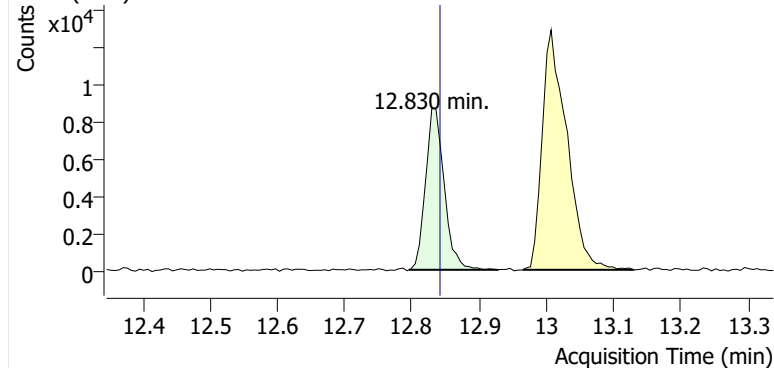
+ EIC (91.1) Scan N2504159.D



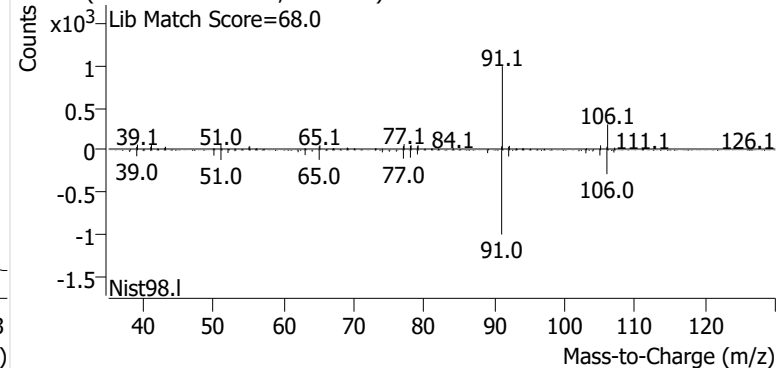
+ Scan (10.664-10.829 min, 28 scans) N2504159.D

**Ethylbenzene**

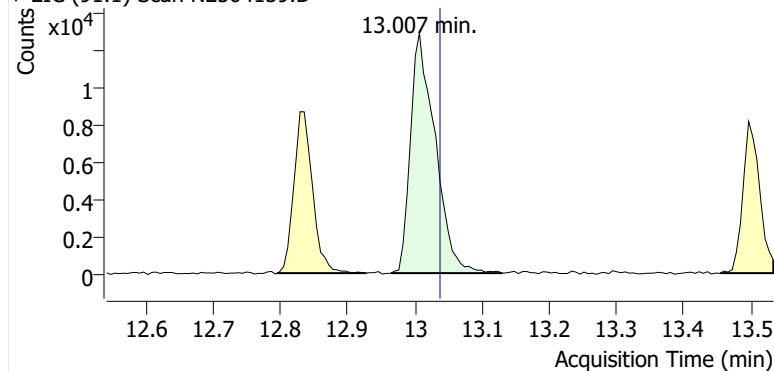
+ EIC (91.1) Scan N2504159.D



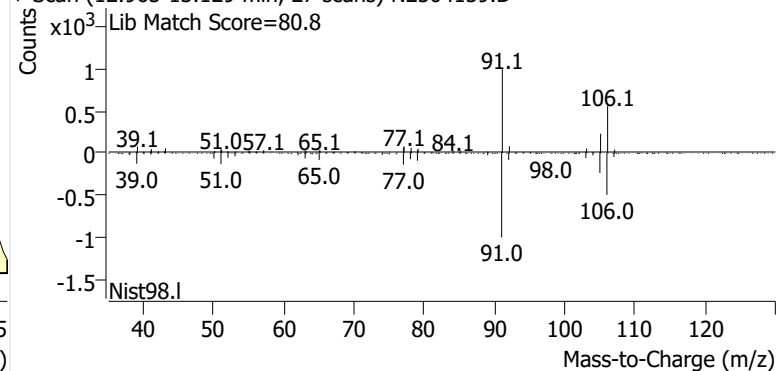
+ Scan (12.796-12.928 min, 22 scans) N2504159.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504159.D

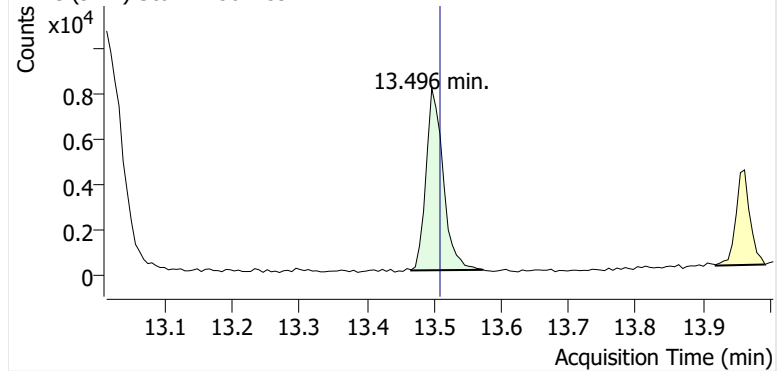


+ Scan (12.965-13.129 min, 27 scans) N2504159.D

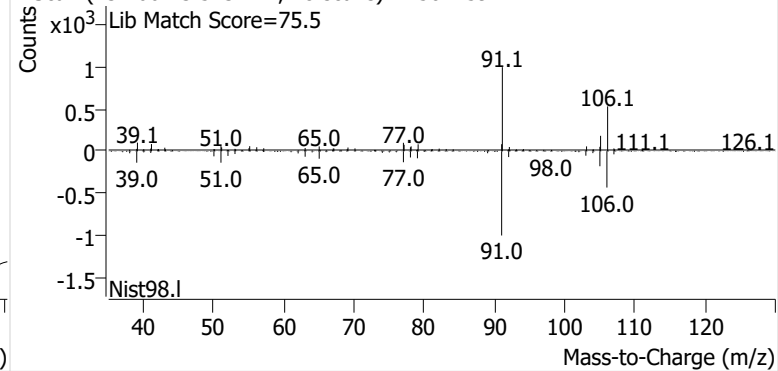


o-Xylene

+ EIC (91.1) Scan N2504159.D

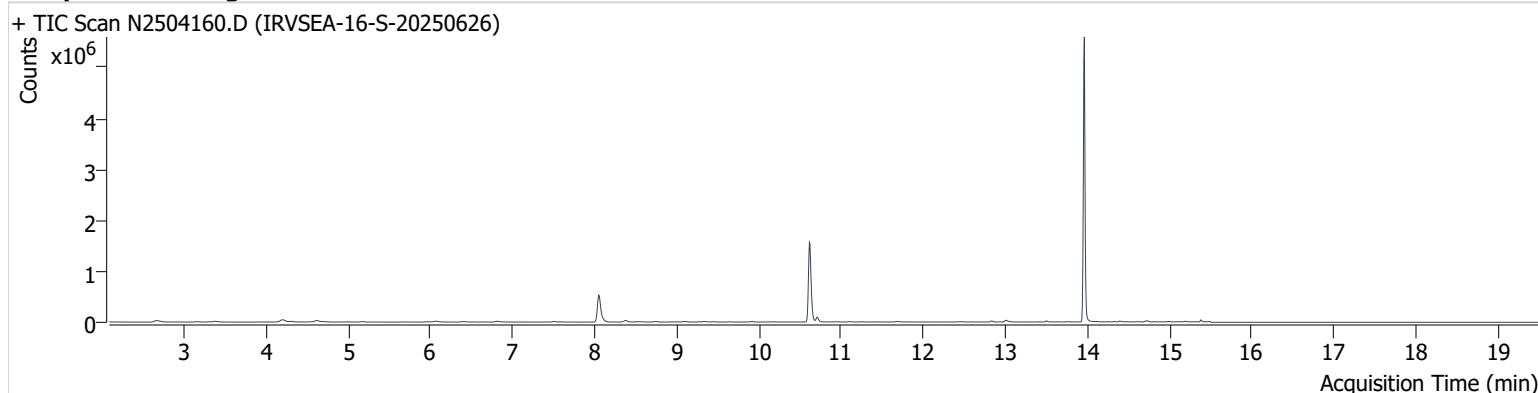


+ Scan (13.466-13.573 min, 18 scans) N2504159.D



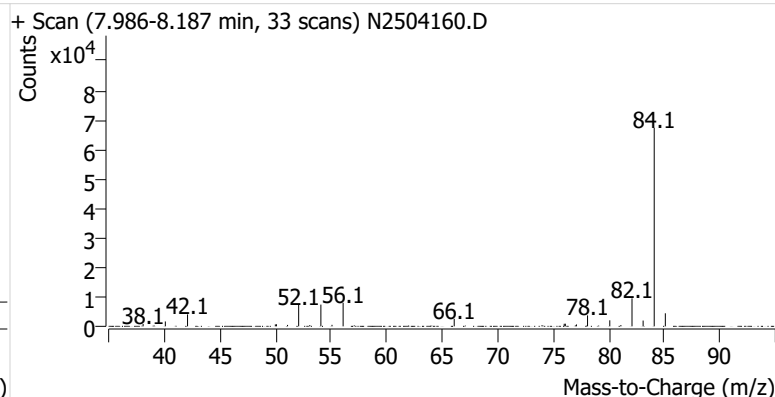
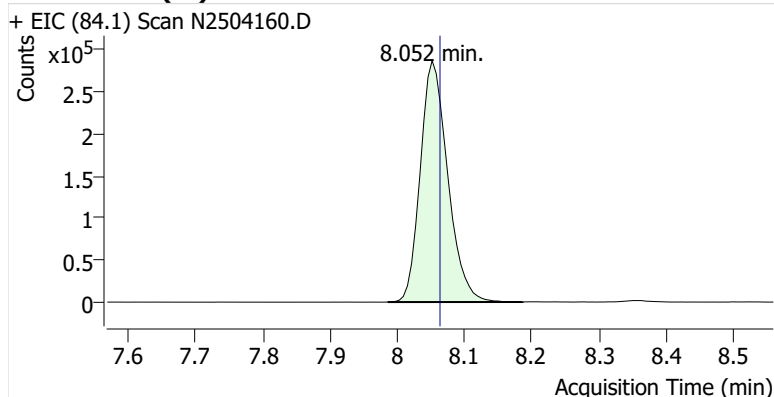
Name IRVSEA-16-S-20250626
Comment C38880
Data File N2504160.D
Acq. Date-Time 7/17/2025 1:03:06 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

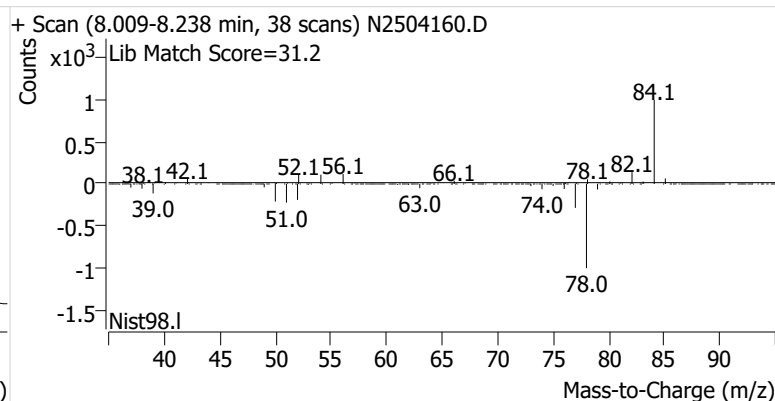
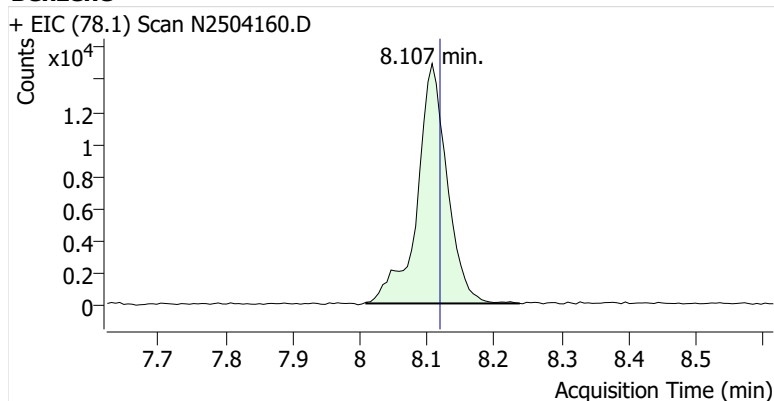


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	814,216	
Benzene	Benzene-d6 (IS)	8.107	8.119	46,449	
Toluene-d8 (IS)		10.616	10.627	1,407,636	
Toluene	Toluene-d8 (IS)	10.713	10.719	82,375	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	17,318	
m-/p-Xylenes	Toluene-d8 (IS)	13.008	13.038	31,649	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	13,435	

Benzene-d6 (IS)

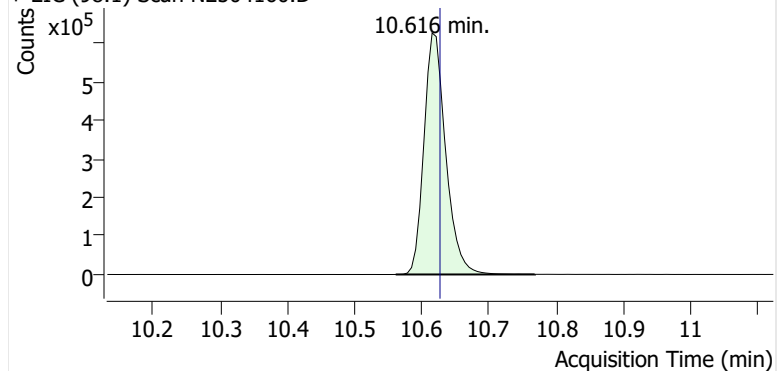


Benzene

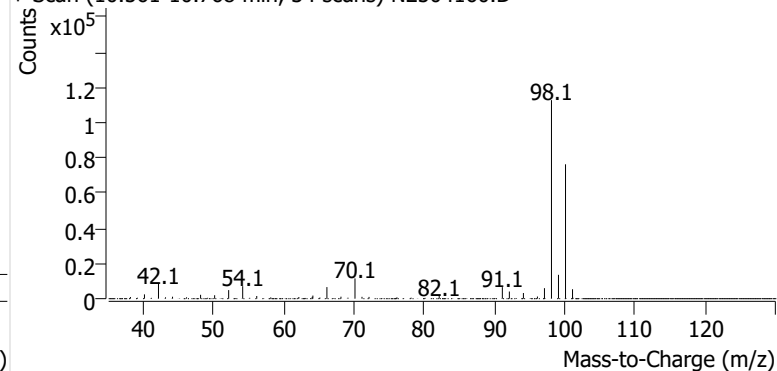


Toluene-d8 (IS)

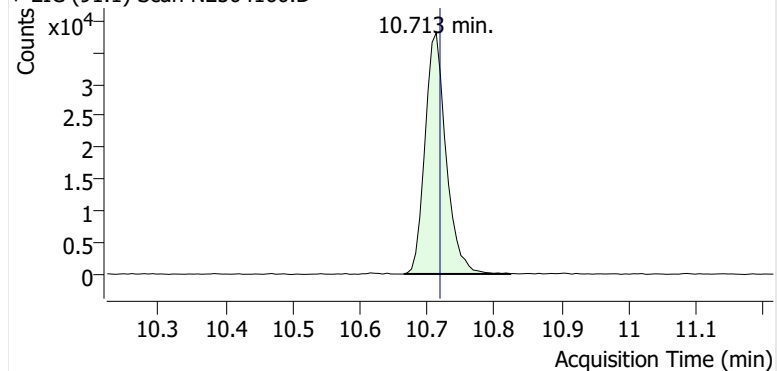
+ EIC (98.1) Scan N2504160.D



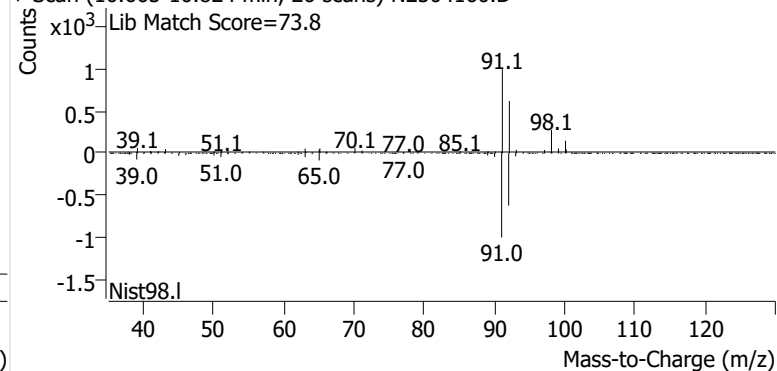
+ Scan (10.561-10.768 min, 34 scans) N2504160.D

**Toluene**

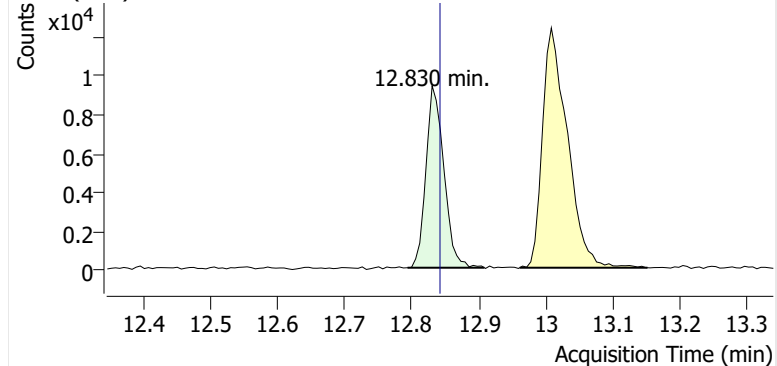
+ EIC (91.1) Scan N2504160.D



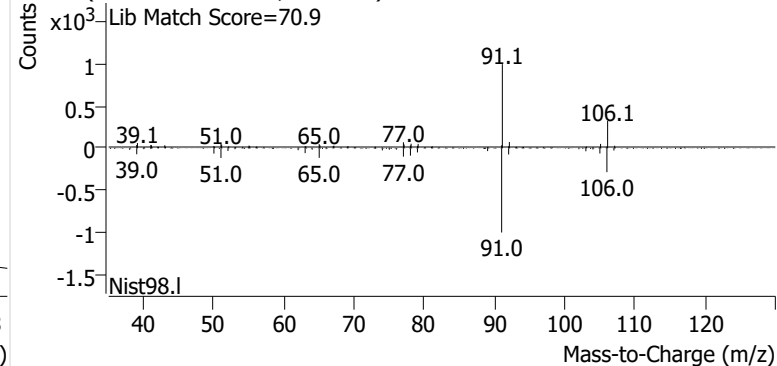
+ Scan (10.665-10.824 min, 26 scans) N2504160.D

**Ethylbenzene**

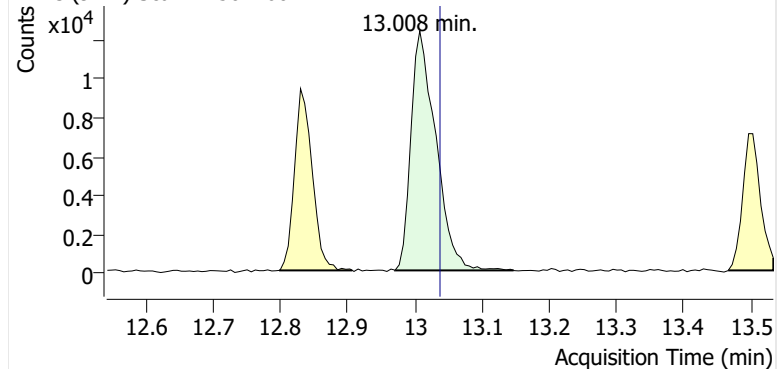
+ EIC (91.1) Scan N2504160.D



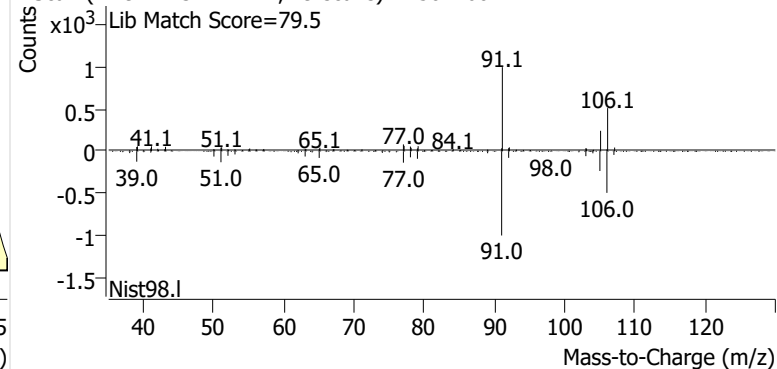
+ Scan (12.794-12.908 min, 18 scans) N2504160.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504160.D

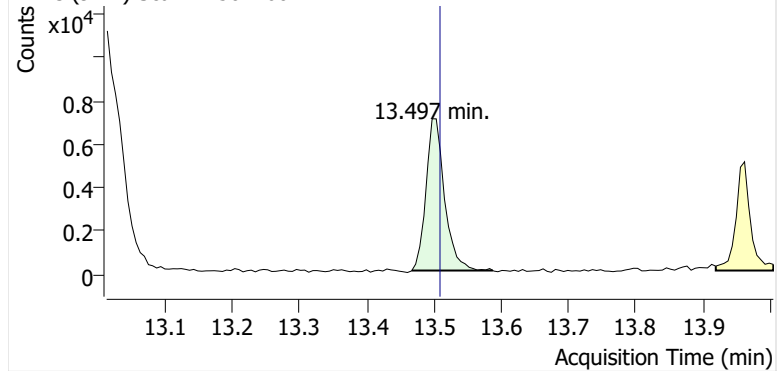


+ Scan (12.971-13.147 min, 29 scans) N2504160.D

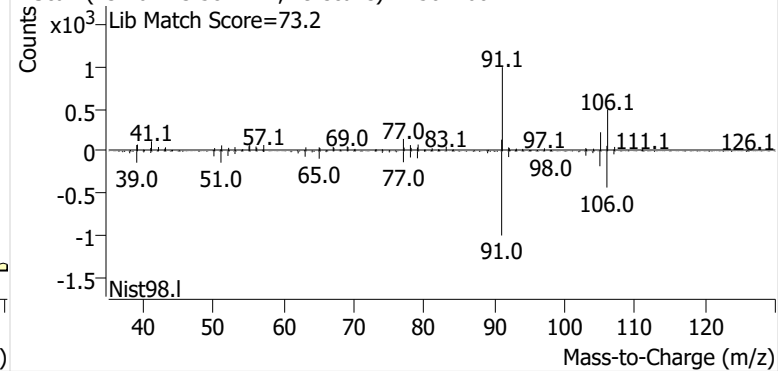


o-Xylene

+ EIC (91.1) Scan N2504160.D

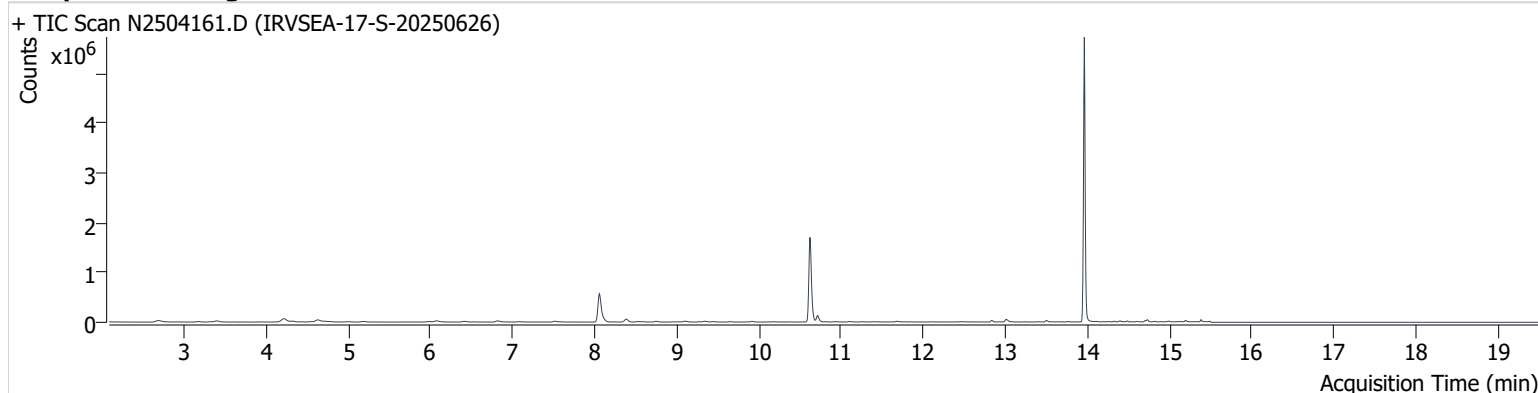


+ Scan (13.467-13.587 min, 19 scans) N2504160.D



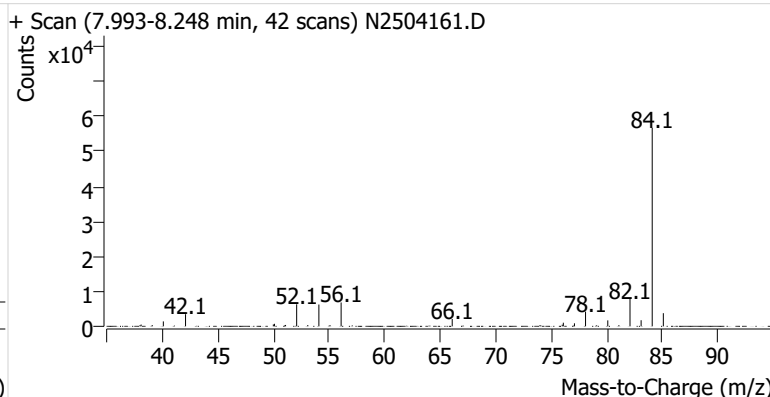
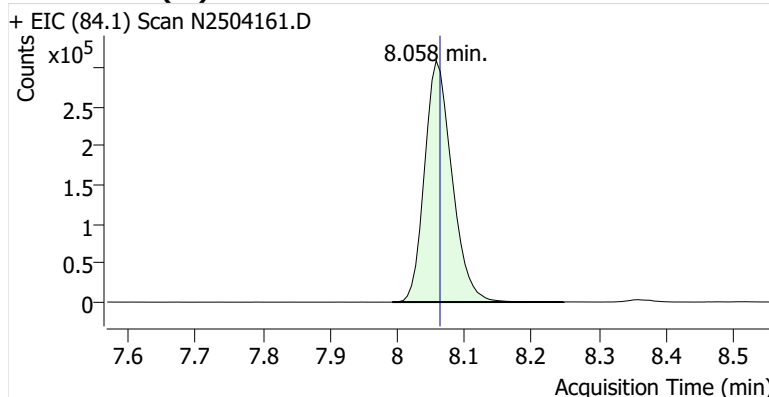
Name IRVSEA-17-S-20250626
Comment B16364
Data File N2504161.D
Acq. Date-Time 7/17/2025 1:43:00 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

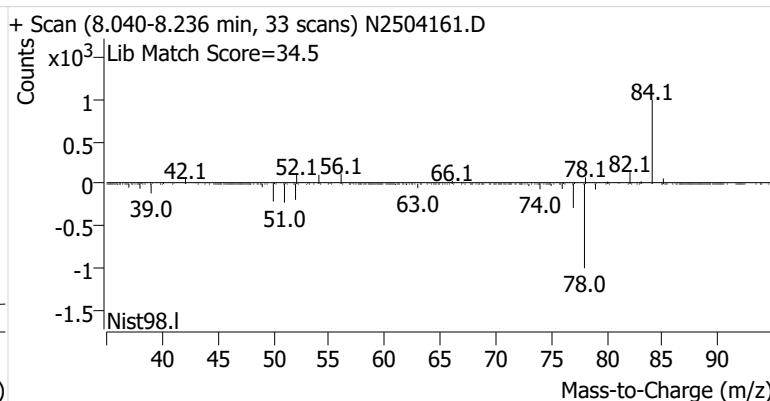
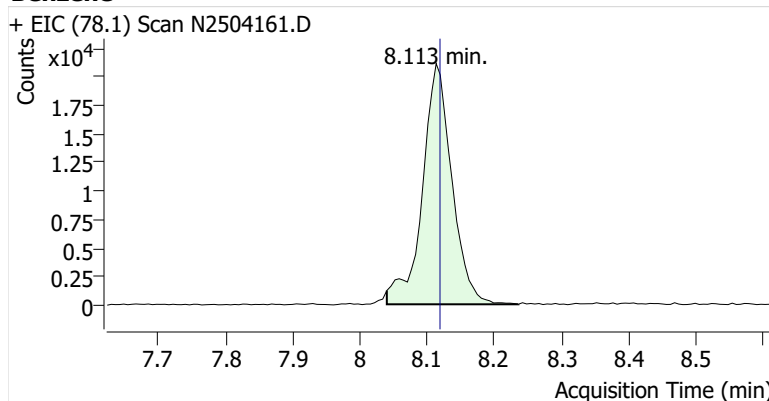


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.058	8.064	873,935	
Benzene	Benzene-d6 (IS)	8.113	8.119	64,417	
Toluene-d8 (IS)		10.622	10.627	1,490,318	
Toluene	Toluene-d8 (IS)	10.713	10.719	115,972	
Ethylbenzene	Toluene-d8 (IS)	12.836	12.842	25,480	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	48,602	
o-Xylene	Toluene-d8 (IS)	13.503	13.509	21,592	

Benzene-d6 (IS)

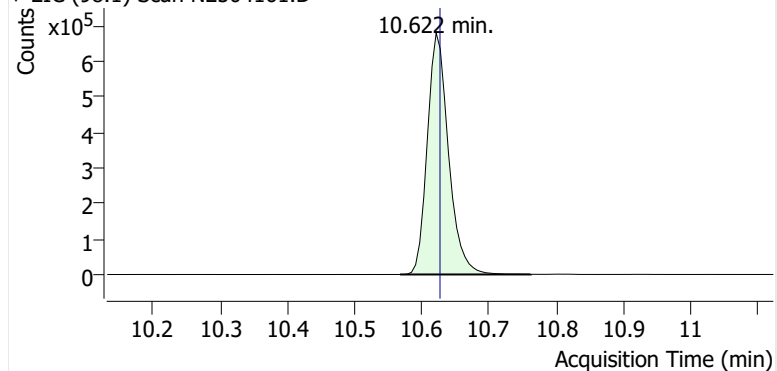


Benzene

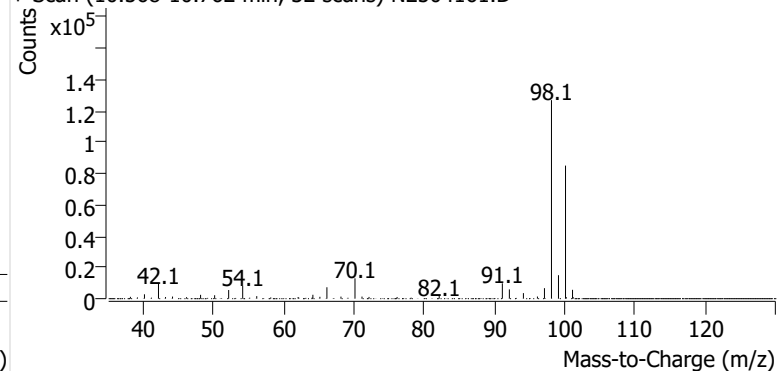


Toluene-d8 (IS)

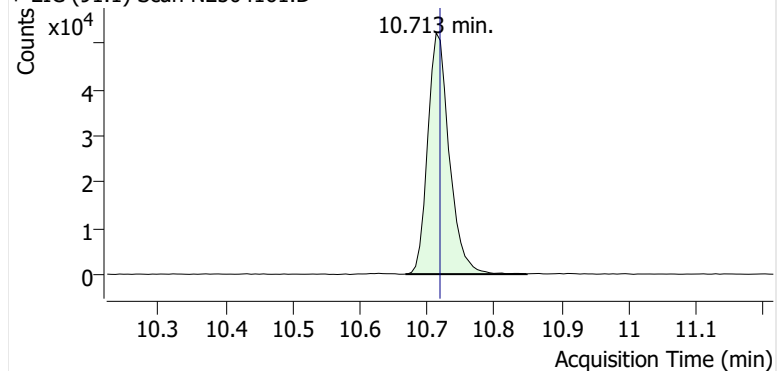
+ EIC (98.1) Scan N2504161.D



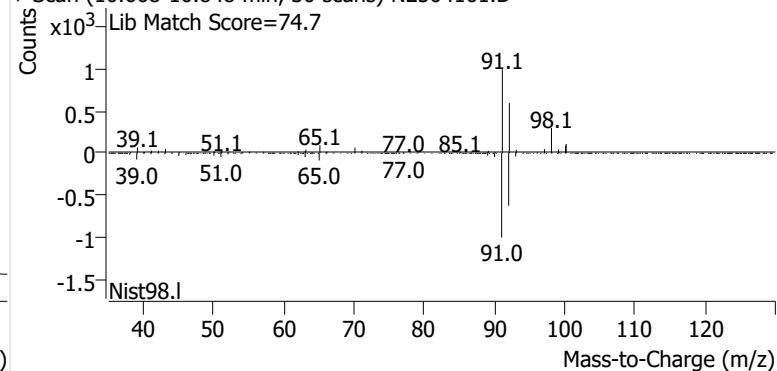
+ Scan (10.568-10.762 min, 32 scans) N2504161.D

**Toluene**

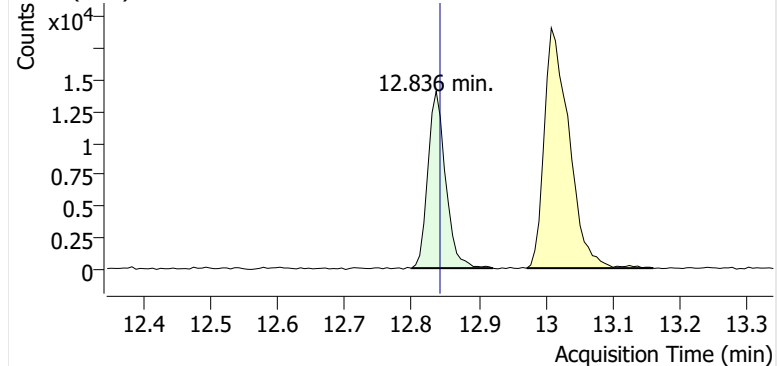
+ EIC (91.1) Scan N2504161.D



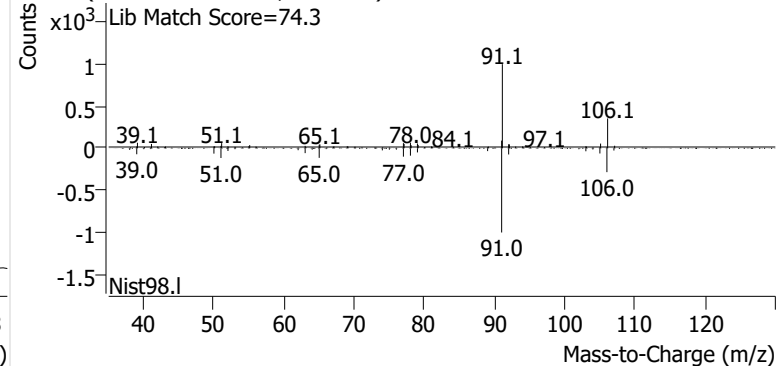
+ Scan (10.668-10.848 min, 30 scans) N2504161.D

**Ethylbenzene**

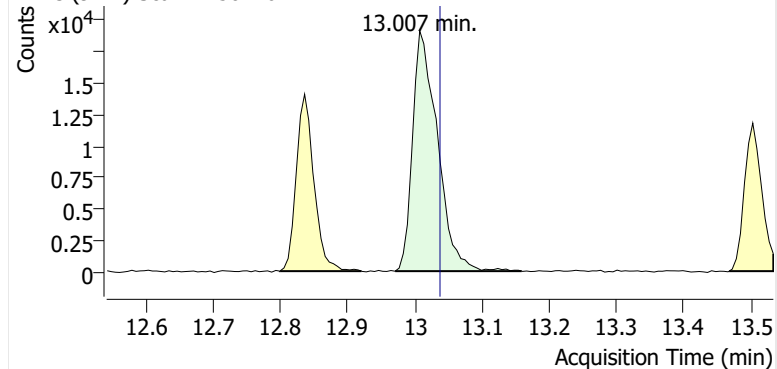
+ EIC (91.1) Scan N2504161.D



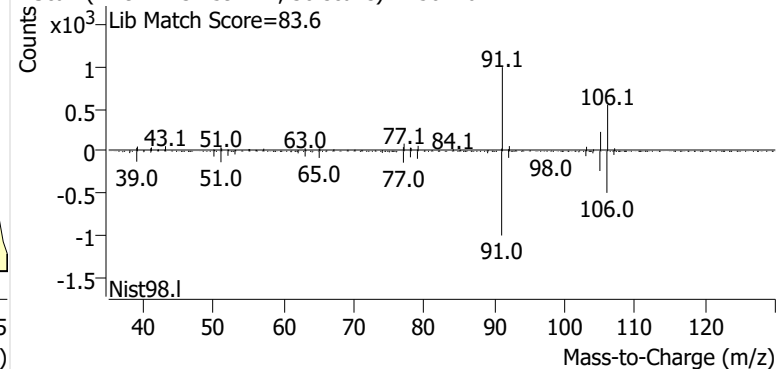
+ Scan (12.799-12.921 min, 20 scans) N2504161.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2504161.D

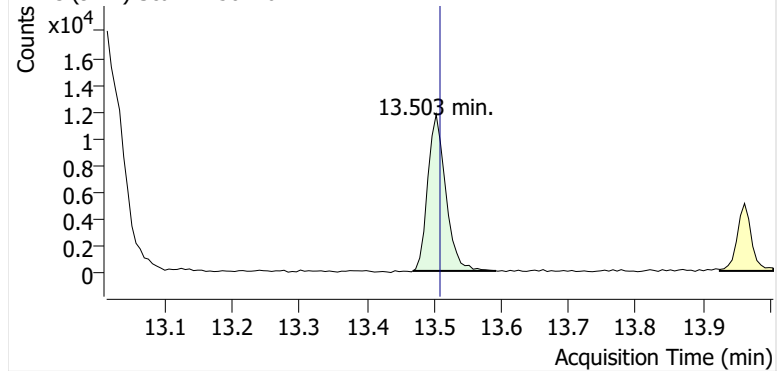


+ Scan (12.971-13.159 min, 30 scans) N2504161.D

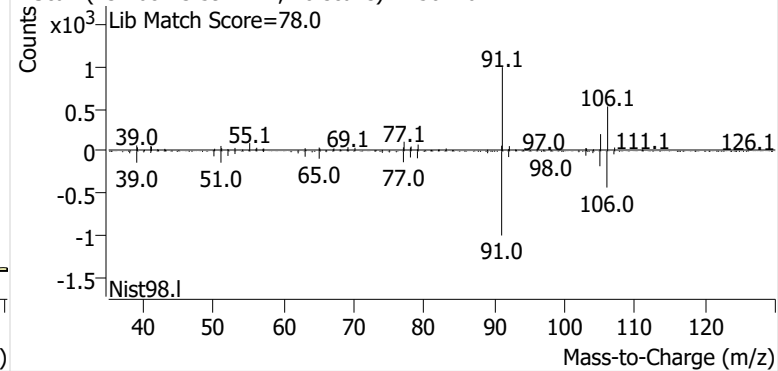


o-Xylene

+ EIC (91.1) Scan N2504161.D



+ Scan (13.468-13.592 min, 20 scans) N2504161.D



Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG301-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
N061725A_CC252679	Benzene	1	N2503571.D	4.97	48303	92.1	707017	1.264	0.25
N061725A_CC252679	Benzene	2	N2503572.D	9.95	79140	92.1	714169	1.025	0.011
N061725A_CC252679	Benzene	3	N2503573.D	19.90	157152	92.1	739545	0.983	-0.031
N061725A_CC252679	Benzene	4	N2503574.D	39.80	299422	92.1	724978	0.955	-0.058
N061725A_CC252679	Benzene	5	N2503575.D	99.50	702411	92.1	737415	0.881	-0.13
N061725A_CC252679	Benzene	6	N2503576.D	198.99	1439381	92.1	730431	0.912	-0.1
N061725A_CC252679	Benzene	7	N2503577.D	596.98	5287554	92.1	755598	1.079	0.064
						Avg:	729879	1.014	
						%RSD:	2.2%	12.7%	
N061725A_CC252679	Toluene	1	N2503571.D	5.38	59233	108.6	1246056	0.960	0.22
N061725A_CC252679	Toluene	2	N2503572.D	10.76	106197	108.6	1281424	0.837	0.06
N061725A_CC252679	Toluene	3	N2503573.D	21.52	189922	108.6	1314802	0.729	-0.076
N061725A_CC252679	Toluene	4	N2503574.D	43.03	379471	108.6	1294356	0.740	-0.062
N061725A_CC252679	Toluene	5	N2503575.D	107.58	847879	108.6	1312916	0.652	-0.17
N061725A_CC252679	Toluene	6	N2503576.D	215.16	1723866	108.6	1308216	0.665	-0.16
N061725A_CC252679	Toluene	7	N2503577.D	645.49	7209247	108.6	1288332	0.942	0.19
						Avg:	1292300	0.789	
						%RSD:	1.9%	15.9%	
N061725A_CC252679	Ethylbenzene	1	N2503571.D	5.17	70546	108.6	1246056	1.189	0.2
N061725A_CC252679	Ethylbenzene	2	N2503572.D	10.34	128094	108.6	1281424	1.050	0.057
N061725A_CC252679	Ethylbenzene	3	N2503573.D	20.68	240657	108.6	1314802	0.961	-0.032
N061725A_CC252679	Ethylbenzene	4	N2503574.D	41.36	507093	108.6	1294356	1.029	0.036
N061725A_CC252679	Ethylbenzene	5	N2503575.D	103.41	961768	108.6	1312916	0.769	-0.23
N061725A_CC252679	Ethylbenzene	6	N2503576.D	206.82	2121196	108.6	1308216	0.852	-0.14
N061725A_CC252679	Ethylbenzene	7	N2503577.D	620.46	8117786	108.6	1288332	1.103	0.11
						Avg:	1292300	0.993	
						%RSD:	1.9%	14.6%	
N061725A_CC252679	m-/p-Xylenes	1	N2503571.D	4.88	52754	108.6	1246056	0.942	0.28
N061725A_CC252679	m-/p-Xylenes	2	N2503572.D	9.77	92124	108.6	1281424	0.800	0.086
N061725A_CC252679	m-/p-Xylenes	3	N2503573.D	19.53	172515	108.6	1314802	0.730	-0.0091
N061725A_CC252679	m-/p-Xylenes	4	N2503574.D	39.07	370413	108.6	1294356	0.796	0.081
N061725A_CC252679	m-/p-Xylenes	5	N2503575.D	97.67	661384	108.6	1312916	0.560	-0.24
N061725A_CC252679	m-/p-Xylenes	6	N2503576.D	195.33	1391174	108.6	1308216	0.591	-0.2
						Avg:	1292962	0.736	
						%RSD:	2.0%	19.4%	
N061725A_CC252679	o-Xylene	1	N2503571.D	5.09	58550	108.6	1246056	1.002	0.26
N061725A_CC252679	o-Xylene	2	N2503572.D	10.19	103745	108.6	1281424	0.863	0.083
N061725A_CC252679	o-Xylene	3	N2503573.D	20.37	195592	108.6	1314802	0.793	-0.0052
N061725A_CC252679	o-Xylene	4	N2503574.D	40.75	419953	108.6	1294356	0.865	0.085

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG301-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

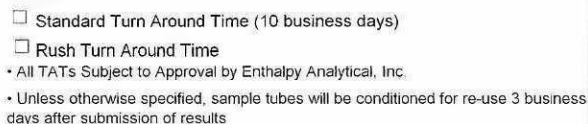
Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
N061725A_CC252679	o-Xylene	5	N2503575.D	101.86	720803	108.6	1312916	0.585	-0.27
N061725A_CC252679	o-Xylene	6	N2503576.D	203.73	1504617	108.6	1308216	0.613	-0.23
N061725A_CC252679	o-Xylene	7	N2503577.D	611.18	6228161	108.6	1288332	0.859	0.078
						Avg:	1292300	0.797	
						%RSD:	1.9%	18.7%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
N061725A_CC252679	Benzene	ICV	N2503582.D	63.84	448559	92.1	660511	0.979	-3.5%
N061725A_CC252679	Toluene	ICV	N2503582.D	76.15	626235	108.6	1150784	0.776	-1.6%
N061725A_CC252679	Ethylbenzene	ICV	N2503582.D	85.72	790798	108.6	1150784	0.871	-12.0%
N061725A_CC252679	m-/p-Xylenes	ICV	N2503582.D	89.23	607838	108.6	1150784	0.643	-13.0%
N061725A_CC252679	o-Xylene	ICV	N2503582.D	87.83	624336	108.6	1150784	0.671	-16.0%

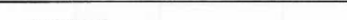
M325B PDF Report ver.20250630

Sample Custody



Site Name:	Irving Seaport	Client Name:	Montrose Air	PO#:	
Site Address:	52 Station Ave.	Project Number:	# 027957	Sample Event #	
City:	Seaport	Project Manager:	Halg Brochu	Sorbent:	
State:	Maine	Email Address:	halgbrochu@montrose-env.com		
Zip:	04974	Telephone #:	207-441-0025		

[illegible]

Relinquished By (printed):		Relinquished By (signature):		Relinquished Date:		Relinquished Time:	
HAIG BROTH				7/10/2025		16:10	
Received By (printed):		Received By (signature):		Receipt Date:		Receipt Time:	
David Taylor				7/14/25		3:00	
Sample Condition Upon Receipt:		Compound List:		Custody Seal intact? Y/N:		Delivery tracking #	
Good				Y			
Ice Temp:	Blank Temp:			Add Custody Seal # below:			
	26.0	Fluke4		24711269			

**This Is The Last Page
Of This Report.**

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 23 Irving Oil - Searsport

Client Project# PROJ-050105

Samples Received: 7/29/2025

Analytical Report 2025GG302

EPA Method 325B Analysis

Report Issue Date: 8/6/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



QA Review by Conor Toomey, QA Associate II



Matt Cavanaugh
Matthew.Cavanaugh@enthalpy.com / www.enthalpy.com
O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG302-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on July 29, 2025 at 25.3 °C, which is above the method recommended 23.0 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20250710	C17294	Sample
IRVSEA-2-S-20250710	C01914	Sample
IRVSEA-2-D-20250710	C55548	Duplicate
IRVSEA-2-B-20250710	C33283	Blank
IRVSEA-3-S-20250710	C34188	Sample
IRVSEA-4-S-20250710	C39044	Sample
IRVSEA-5-S-20250710	C24281	Sample
IRVSEA-6-S-20250710	C55325	Sample
IRVSEA-7-S-20250710	C53575	Sample
IRVSEA-8-S-20250710	B47138	Sample
IRVSEA-8-D-20250710	B42298	Duplicate
IRVSEA-8-B-20250710	B28899	Blank
IRVSEA-9-S-20250710	C40537	Sample
IRVSEA-10-S-20250710	C38567	Sample
IRVSEA-11-S-20250710	C57738	Sample
IRVSEA-12-S-20250710	C32866	Sample
IRVSEA-13-S-20250710	B12139	Sample
IRVSEA-14-S-20250710	B51059	Sample
IRVSEA-15-S-20250710	C16078	Sample
IRVSEA-16-S-20250710	B17498	Sample
IRVSEA-17-S-20250710	C43326	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was Carboxen. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG302-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (E050525A_CC252679) met all 30% RSD criteria. The initial calibration verification met 30% difference criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20250710 (tube ID C01914) and its corresponding duplicate IRVSEA-2-D-20250710 (tube ID C55548) failed to meet the 30% difference criterion for m-/p-Xylenes as specified by the method. All samples in the data set have been flagged "P" for m-/p-Xylenes to denote this failure.

The primary sample IRVSEA-2-S-20250710 (tube ID C01914) and its corresponding duplicate IRVSEA-2-D-20250710 (tube ID C55548) failed to meet the 30% difference criterion for o-Xylene as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged "Pc" for o-Xylene to denote this failure.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG302-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20250710	C17294	0.817		2.07		0.424	J	0.925	P	0.386	J,Pc
IRVSEA-2-S-20250710	C01914	0.785		2.55		0.456	J	1.12	P	0.445	J,Pc
IRVSEA-2-D-20250710	C55548	0.869		3.15		0.537	J	1.54	P	0.615	Pc
IRVSEA-2-B-20250710	C33283	0.186	ND	0.240	ND	0.272	ND	0.272	ND,P	0.272	ND,Pc
IRVSEA-3-S-20250710	C34188	0.721		2.73		0.516	J	1.44	P	0.545	J,Pc
IRVSEA-4-S-20250710	C39044	0.824		3.28		0.709		2.17	P	0.783	Pc
IRVSEA-5-S-20250710	C24281	0.532		1.62		0.357	J	0.767	P	0.303	J,Pc
IRVSEA-6-S-20250710	C55325	0.745		2.72		0.563		1.68	P	0.601	Pc
IRVSEA-7-S-20250710	C53575	1.50		6.56		2.84		9.19	P	2.50	Pc
IRVSEA-8-S-20250710	B47138	1.95		8.09		2.24		4.42	P	1.78	Pc
IRVSEA-8-D-20250710	B42298	1.80		8.02		1.81		4.66	P	1.83	Pc
IRVSEA-8-B-20250710	B28899	0.186	ND	0.240	ND	0.272	ND	0.272	ND,P	0.272	ND,Pc
IRVSEA-9-S-20250710	C40537	1.03		4.13		0.781		2.18	P	0.830	Pc
IRVSEA-10-S-20250710	C38567	1.68		7.06		1.11		3.38	P	1.38	Pc
IRVSEA-11-S-20250710	C57738	2.77		13.1		2.00		6.54	P	2.62	Pc
IRVSEA-12-S-20250710	C32866	2.76		13.4		2.23		6.20	P	2.53	Pc
IRVSEA-13-S-20250710	B12139	1.75		6.88		1.37		3.10	P	1.31	Pc
IRVSEA-14-S-20250710	B51059	0.965		4.01		0.784		1.92	P	0.794	Pc
IRVSEA-15-S-20250710	C16078	0.591		1.57		0.272	ND	0.485	J,P	0.272	ND,Pc
IRVSEA-16-S-20250710	B17498	0.589		1.20		0.272	ND	0.418	J,P	0.272	ND,Pc
IRVSEA-17-S-20250710	C43326	0.462		1.24		0.272	ND	0.799	P	0.309	J,Pc

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG302-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250710	C17294	0.817	0.256	11.0	68.3	0.665	20175	0.186	0.368	0.0584	0.115		E2502162.d	2025-07-31 14:56	0.789	8.102	78699	493375	54.2	8.045	-0.7%
IRVSEA-2-S-20250710	C01914	0.785	0.246	10.5	68.3	0.665	20175	0.186	0.368	0.0584	0.115		E2502163.d	2025-07-31 15:21	0.789	8.102	76137	496907	54.2	8.045	0.0%
IRVSEA-2-D-20250710	C55548	0.869	0.272	11.7	68.3	0.665	20175	0.186	0.368	0.0584	0.115		E2502164.d	2025-07-31 15:47	0.789	8.103	82959	488922	54.2	8.045	-1.6%
IRVSEA-2-B-20250710	C33283	0.186	0.0584		68.3	0.665	20175	0.186	0.368	0.0584	0.115	ND	E2502161.d	2025-07-31 14:30	0.789	8.103	4456	497434	54.2	8.045	0.1%
IRVSEA-3-S-20250710	C34188	0.721	0.226	9.67	68.3	0.665	20175	0.186	0.368	0.0584	0.115		E2502165.d	2025-07-31 16:12	0.789	8.102	68913	489494	54.2	8.045	-1.5%
IRVSEA-4-S-20250710	C39044	0.824	0.258	11.1	68.3	0.665	20175	0.186	0.368	0.0584	0.115		E2502166.d	2025-07-31 16:38	0.789	8.103	77712	483052	54.2	8.045	-2.8%
IRVSEA-5-S-20250710	C24281	0.532	0.167	7.14	68.3	0.665	20175	0.186	0.368	0.0584	0.115		E2502167.d	2025-07-31 17:03	0.789	8.103	50859	489509	54.2	8.045	-1.5%
IRVSEA-6-S-20250710	C55325	0.745	0.233	9.98	68.3	0.665	20175	0.186	0.368	0.0584	0.115		E2502168.d	2025-07-31 17:30	0.789	8.102	71283	490418	54.2	8.045	-1.3%
IRVSEA-7-S-20250710	C53575	1.50	0.470	20.1	68.4	0.665	20175	0.186	0.368	0.0584	0.115		E2502169.d	2025-07-31 17:55	0.789	8.102	142547	486554	54.2	8.045	-2.1%
IRVSEA-8-S-20250710	B47138	1.95	0.612	26.2	68.4	0.665	20175	0.186	0.368	0.0584	0.115		E2502170.d	2025-07-31 18:21	0.789	8.102	183913	482594	54.2	8.045	-2.9%
IRVSEA-8-D-20250710	B42298	1.80	0.563	24.1	68.4	0.665	20175	0.186	0.368	0.0584	0.115		E2502171.d	2025-07-31 18:46	0.789	8.102	169835	484451	54.2	8.045	-2.5%
IRVSEA-8-B-20250710	B28899	0.186	0.0584		68.4	0.665	20175	0.186	0.368	0.0584	0.115	ND	E2502173.d	2025-07-31 19:37	0.789	8.102	7966	482412	54.2	8.045	-2.9%
IRVSEA-9-S-20250710	C40537	1.03	0.322	13.8	68.4	0.665	20175	0.186	0.368	0.0584	0.115		E2502174.d	2025-07-31 20:03	0.789	8.102	97172	484229	54.2	8.045	-2.6%
IRVSEA-10-S-20250710	C38567	1.68	0.526	22.5	68.4	0.665	20175	0.186	0.368	0.0584	0.115		E2502175.d	2025-07-31 20:28	0.789	8.102	158000	481887	54.2	8.045	-3.0%
IRVSEA-11-S-20250710	C57738	2.77	0.868	37.1	68.4	0.665	20175	0.186	0.368	0.0584	0.115		E2502176.d	2025-07-31 20:54	0.789	8.110	261650	483875	54.2	8.045	-2.6%
IRVSEA-12-S-20250710	C32866	2.76	0.865	37.0	68.4	0.665	20180	0.186	0.368	0.0584	0.115		E2502177.d	2025-07-31 21:19	0.789	8.102	257213	477279	54.2	8.045	-4.0%
IRVSEA-13-S-20250710	B12139	1.75	0.548	23.5	68.4	0.665	20180	0.186	0.368	0.0584	0.115		E2502178.d	2025-07-31 21:46	0.789	8.102	165424	484207	54.2	8.045	-2.6%
IRVSEA-14-S-20250710	B51059	0.965	0.302	12.9	68.4	0.665	20180	0.186	0.368	0.0584	0.115		E2502179.d	2025-07-31 22:11	0.789	8.103	91131	483862	54.2	8.045	-2.6%
IRVSEA-15-S-20250710	C16078	0.591	0.185	7.93	68.4	0.665	20180	0.186	0.368	0.0584	0.115		E2502180.d	2025-07-31 22:37	0.789	8.103	56289	487814	54.2	8.045	-1.9%
IRVSEA-16-S-20250710	B17498	0.589	0.185	7.90	68.4	0.665	20180	0.186	0.368	0.0584	0.115		E2502181.d	2025-07-31 23:02	0.789	8.102	56438	490663	54.2	8.045	-1.3%
IRVSEA-17-S-20250710	C43326	0.462	0.145	6.20	68.4	0.665	20180	0.186	0.368	0.0584	0.115		E2502182.d	2025-07-31 23:28	0.789	8.103	44214	489752	54.2	8.045	-1.5%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250710	C17294	2.07	0.551	21.6	68.3	0.516	20175	0.240	0.513	0.0638	0.136		E2502162.d	2025-07-31 14:56	0.831	10.846	158831	559588	63.2	10.745	-2.7%
IRVSEA-2-S-20250710	C01914	2.55	0.678	26.6	68.3	0.516	20175	0.240	0.513	0.0638	0.136		E2502163.d	2025-07-31 15:21	0.831	10.846	197515	565158	63.2	10.745	-1.7%
IRVSEA-2-D-20250710	C55548	3.15	0.837	32.8	68.3	0.516	20175	0.240	0.513	0.0638	0.136		E2502164.d	2025-07-31 15:47	0.831	10.846	241699	560315	63.2	10.746	-2.6%
IRVSEA-2-B-20250710	C33283	0.240	0.0638		68.3	0.516	20175	0.240	0.513	0.0638	0.136	ND	E2502161.d	2025-07-31 14:30	0.831	10.846	8089	561257	63.2	10.746	-2.4%
IRVSEA-3-S-20250710	C34188	2.73	0.726	28.4	68.3	0.516	20175	0.240	0.513	0.0638	0.136		E2502165.d	2025-07-31 16:12	0.831	10.846	207866	555779	63.2	10.746	-3.4%
IRVSEA-4-S-20250710	C39044	3.28	0.870	34.1	68.3	0.516	20175	0.240	0.513	0.0638	0.136		E2502166.d	2025-07-31 16:38	0.831	10.846	247708	552554	63.2	10.746	-3.9%
IRVSEA-5-S-20250710	C24281	1.62	0.430	16.8	68.3	0.516	20175	0.240	0.513	0.0638	0.136		E2502167.d	2025-07-31 17:03	0.831	10.846	122705	554184	63.2	10.746	-3.6%
IRVSEA-6-S-20250710	C55325	2.72	0.723	28.3	68.3	0.516	20175	0.240	0.513	0.0638	0.136		E2502168.d	2025-07-31 17:30	0.831	10.846	206404	554423	63.2	10.746	-3.6%
IRVSEA-7-S-20250710	C53575	6.56	1.74	68.3	68.4	0.516	20175	0.240	0.513	0.0638	0.136		E2502169.d	2025-07-31 17:55	0.831	10.846	496824	553448	63.2	10.746	-3.8%
IRVSEA-8-S-20250710	B47138	8.09	2.15	84.1	68.4	0.516	20175	0.240	0.513	0.0638	0.136		E2502170.d	2025-07-31 18:21	0.831	10.846	607436	549103	63.2	10.746	-4.5%
IRVSEA-8-D-20250710	B42298	8.02	2.13	83.4	68.4	0.516	20175	0.240	0.513	0.0638	0.136		E2502171.d	2025-07-31 18:46	0.831	10.846	607228	553576	63.2	10.753	-3.8%
IRVSEA-8-B-20250710	B28899	0.240	0.0638		68.4	0.516	20175	0.240	0.513	0.0638	0.136	ND	E2502173.d	2025-07-31 19:37	0.831	10.846	8469	553979	63.2	10.746	-3.7%
IRVSEA-9-S-20250710	C40537	4.13	1.10	43.0	68.4	0.516	20175	0.240	0.513	0.0638	0.136		E2502174.d	2025-07-31 20:03	0.831	10.846	312082	551675	63.2	10.746	-4.1%
IRVSEA-10-S-20250710	C38567	7.06	1.87	73.4	68.4	0.516	20175	0.240	0.513	0.0638	0.136		E2502175.d	2025-07-31 20:28	0.831	10.846	534235	553235	63.2	10.746	-3.8%
IRVSEA-11-S-20250710	C57738	13.1	3.47	136	68.4	0.516	20175	0.240	0.513	0.0638	0.136		E2502176.d	2025-07-31 20:54	0.831	10.846	979021	548227	63.2	10.746	-4.7%
IRVSEA-12-S-20250710	C32866	13.4	3.56	140	68.4	0.516	20180	0.240	0.513	0.0638	0.136		E2502177.d	2025-07-31 21:19	0.831	10.846	998906	544338	63.2	10.746	-5.4%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG302-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20250710	B12139	6.88	1.83	71.6	68.4	0.516	20180	0.240	0.513	0.0638	0.136		E2502178.d	2025-07-31 21:46	0.831	10.846	511085	543203	63.2	10.746	-5.6%
IRVSEA-14-S-20250710	B51059	4.01	1.07	41.8	68.4	0.516	20180	0.240	0.513	0.0638	0.136		E2502179.d	2025-07-31 22:11	0.831	10.846	302463	550516	63.2	10.746	-4.3%
IRVSEA-15-S-20250710	C16078	1.57	0.416	16.3	68.4	0.516	20180	0.240	0.513	0.0638	0.136		E2502180.d	2025-07-31 22:37	0.831	10.846	118733	554343	63.2	10.746	-3.6%
IRVSEA-16-S-20250710	B17498	1.20	0.318	12.4	68.4	0.516	20180	0.240	0.513	0.0638	0.136		E2502181.d	2025-07-31 23:02	0.831	10.846	89675	547998	63.2	10.746	-4.7%
IRVSEA-17-S-20250710	C43326	1.24	0.329	12.9	68.4	0.516	20180	0.240	0.513	0.0638	0.136		E2502182.d	2025-07-31 23:28	0.831	10.846	95076	561182	63.2	10.746	-2.4%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250710	C17294	0.424	0.0977	3.90	68.3	0.456	20175	0.272	0.557	0.0626	0.128	J	E2502162.d	2025-07-31 14:56	1.005	13.038	34762	559588	63.2	10.745	-2.7%
IRVSEA-2-S-20250710	C01914	0.456	0.105	4.19	68.3	0.456	20175	0.272	0.557	0.0626	0.128	J	E2502163.d	2025-07-31 15:21	1.005	13.038	37718	565158	63.2	10.745	-1.7%
IRVSEA-2-D-20250710	C55548	0.537	0.124	4.94	68.3	0.456	20175	0.272	0.557	0.0626	0.128	J	E2502164.d	2025-07-31 15:47	1.005	13.038	44097	560315	63.2	10.746	-2.6%
IRVSEA-2-B-20250710	C33283	0.272	0.0626		68.3	0.456	20175	0.272	0.557	0.0626	0.128	ND	E2502161.d	2025-07-31 14:30	1.005	13.038	1255	561257	63.2	10.746	-2.4%
IRVSEA-3-S-20250710	C34188	0.516	0.119	4.75	68.3	0.456	20175	0.272	0.557	0.0626	0.128	J	E2502165.d	2025-07-31 16:12	1.005	13.038	42009	555779	63.2	10.746	-3.4%
IRVSEA-4-S-20250710	C39044	0.709	0.163	6.53	68.3	0.456	20175	0.272	0.557	0.0626	0.128		E2502166.d	2025-07-31 16:38	1.005	13.038	57417	552554	63.2	10.746	-3.9%
IRVSEA-5-S-20250710	C24281	0.357	0.0822	3.28	68.3	0.456	20175	0.272	0.557	0.0626	0.128	J	E2502167.d	2025-07-31 17:03	1.005	13.038	28960	554184	63.2	10.746	-3.6%
IRVSEA-6-S-20250710	C55325	0.563	0.130	5.18	68.3	0.456	20175	0.272	0.557	0.0626	0.128		E2502168.d	2025-07-31 17:30	1.005	13.038	45722	554423	63.2	10.746	-3.6%
IRVSEA-7-S-20250710	C53575	2.84	0.654	26.1	68.4	0.456	20175	0.272	0.557	0.0626	0.128		E2502169.d	2025-07-31 17:55	1.005	13.038	230051	553448	63.2	10.746	-3.8%
IRVSEA-8-S-20250710	B47138	2.24	0.517	20.6	68.4	0.456	20175	0.272	0.557	0.0626	0.128		E2502170.d	2025-07-31 18:21	1.005	13.038	180324	549103	63.2	10.746	-4.5%
IRVSEA-8-D-20250710	B42298	1.81	0.418	16.7	68.4	0.456	20175	0.272	0.557	0.0626	0.128		E2502171.d	2025-07-31 18:46	1.005	13.038	147086	553576	63.2	10.753	-3.8%
IRVSEA-8-B-20250710	B28899	0.272	0.0626		68.4	0.456	20175	0.272	0.557	0.0626	0.128	ND	E2502173.d	2025-07-31 19:37	1.005	13.031	1887	553979	63.2	10.746	-3.7%
IRVSEA-9-S-20250710	C40537	0.781	0.180	7.19	68.4	0.456	20175	0.272	0.557	0.0626	0.128		E2502174.d	2025-07-31 20:03	1.005	13.038	63103	551675	63.2	10.746	-4.1%
IRVSEA-10-S-20250710	C38567	1.11	0.255	10.2	68.4	0.456	20175	0.272	0.557	0.0626	0.128		E2502175.d	2025-07-31 20:28	1.005	13.038	89855	553235	63.2	10.746	-3.8%
IRVSEA-11-S-20250710	C57738	2.00	0.462	18.4	68.4	0.456	20175	0.272	0.557	0.0626	0.128		E2502176.d	2025-07-31 20:54	1.005	13.038	160975	548227	63.2	10.746	-4.7%
IRVSEA-12-S-20250710	C32866	2.23	0.515	20.6	68.4	0.456	20180	0.272	0.557	0.0626	0.128		E2502177.d	2025-07-31 21:19	1.005	13.031	178210	544338	63.2	10.746	-5.4%
IRVSEA-13-S-20250710	B12139	1.37	0.315	12.6	68.4	0.456	20180	0.272	0.557	0.0626	0.128		E2502178.d	2025-07-31 21:46	1.005	13.038	108934	543203	63.2	10.746	-5.6%
IRVSEA-14-S-20250710	B51059	0.784	0.181	7.22	68.4	0.456	20180	0.272	0.557	0.0626	0.128		E2502179.d	2025-07-31 22:11	1.005	13.038	63276	550516	63.2	10.746	-4.3%
IRVSEA-15-S-20250710	C16078	0.272	0.0626		68.4	0.456	20180	0.272	0.557	0.0626	0.128	ND	E2502180.d	2025-07-31 22:37	1.005	13.038	19375	554343	63.2	10.746	-3.6%
IRVSEA-16-S-20250710	B17498	0.272	0.0626		68.4	0.456	20180	0.272	0.557	0.0626	0.128	ND	E2502181.d	2025-07-31 23:02	1.005	13.038	18754	547998	63.2	10.746	-4.7%
IRVSEA-17-S-20250710	C43326	0.272	0.0626		68.4	0.456	20180	0.272	0.557	0.0626	0.128	ND	E2502182.d	2025-07-31 23:28	1.005	13.038	21392	561182	63.2	10.746	-2.4%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250710	C17294	0.925	0.213	8.52	68.3	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502162.d	2025-07-31 14:56	0.876	13.209	66106	559588	63.2	10.745	-2.7%
IRVSEA-2-S-20250710	C01914	1.12	0.258	10.3	68.3	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502163.d	2025-07-31 15:21	0.876	13.209	80832	565158	63.2	10.745	-1.7%
IRVSEA-2-D-20250710	C55548	1.54	0.356	14.2	68.3	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502164.d	2025-07-31 15:47	0.876	13.210	110448	560315	63.2	10.746	-2.6%
IRVSEA-2-B-20250710	C33283	0.272	0.0626		68.3	0.456	20175	0.272	0.526	0.0626	0.121	ND,P	E2502161.d	2025-07-31 14:30	0.876	13.210	818	561257	63.2	10.746	-2.4%
IRVSEA-3-S-20250710	C34188	1.44	0.333	13.3	68.3	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502165.d	2025-07-31 16:12	0.876	13.210	102441	555779	63.2	10.746	-3.4%
IRVSEA-4-S-20250710	C39044	2.17	0.500	20.0	68.3	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502166.d	2025-07-31 16:38	0.876	13.210	152949	552554	63.2	10.746	-3.9%
IRVSEA-5-S-20250710	C24281	0.767	0.177	7.06	68.3	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502167.d	2025-07-31 17:03	0.876	13.210	54285	554184	63.2	10.746	-3.6%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG302-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20250710	C55325	1.68	0.388	15.5	68.3	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502168.d	2025-07-31 17:30	0.876	13.210	119121	554423	63.2	10.746	-3.6%
IRVSEA-7-S-20250710	C53575	9.19	2.12	84.6	68.4	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502169.d	2025-07-31 17:55	0.876	13.210	649548	553448	63.2	10.746	-3.8%
IRVSEA-8-S-20250710	B47138	4.42	1.02	40.7	68.4	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502170.d	2025-07-31 18:21	0.876	13.210	309763	549103	63.2	10.746	-4.5%
IRVSEA-8-D-20250710	B42298	4.66	1.07	42.9	68.4	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502171.d	2025-07-31 18:46	0.876	13.210	329212	553576	63.2	10.753	-3.8%
IRVSEA-8-B-20250710	B28899	0.272	0.0626		68.4	0.456	20175	0.272	0.526	0.0626	0.121	ND,P	E2502173.d	2025-07-31 19:37	0.876	13.210	2434	553979	63.2	10.746	-3.7%
IRVSEA-9-S-20250710	C40537	2.18	0.502	20.1	68.4	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502174.d	2025-07-31 20:03	0.876	13.210	153455	551675	63.2	10.746	-4.1%
IRVSEA-10-S-20250710	C38567	3.38	0.779	31.1	68.4	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502175.d	2025-07-31 20:28	0.876	13.210	238693	553235	63.2	10.746	-3.8%
IRVSEA-11-S-20250710	C57738	6.54	1.51	60.2	68.4	0.456	20175	0.272	0.526	0.0626	0.121	P	E2502176.d	2025-07-31 20:54	0.876	13.210	457799	548227	63.2	10.746	-4.7%
IRVSEA-12-S-20250710	C32866	6.20	1.43	57.1	68.4	0.456	20180	0.272	0.526	0.0626	0.121	P	E2502177.d	2025-07-31 21:19	0.876	13.210	431410	544338	63.2	10.746	-5.4%
IRVSEA-13-S-20250710	B12139	3.10	0.715	28.6	68.4	0.456	20180	0.272	0.526	0.0626	0.121	P	E2502178.d	2025-07-31 21:46	0.876	13.210	215317	543203	63.2	10.746	-5.6%
IRVSEA-14-S-20250710	B51059	1.92	0.442	17.7	68.4	0.456	20180	0.272	0.526	0.0626	0.121	P	E2502179.d	2025-07-31 22:11	0.876	13.210	134804	550516	63.2	10.746	-4.3%
IRVSEA-15-S-20250710	C16078	0.485	0.112	4.47	68.4	0.456	20180	0.272	0.526	0.0626	0.121	J,P	E2502180.d	2025-07-31 22:37	0.876	13.210	34350	554343	63.2	10.746	-3.6%
IRVSEA-16-S-20250710	B17498	0.418	0.0964	3.85	68.4	0.456	20180	0.272	0.526	0.0626	0.121	J,P	E2502181.d	2025-07-31 23:02	0.876	13.210	29283	547998	63.2	10.746	-4.7%
IRVSEA-17-S-20250710	C43326	0.799	0.184	7.36	68.4	0.456	20180	0.272	0.526	0.0626	0.121	P	E2502182.d	2025-07-31 23:28	0.876	13.210	57292	561182	63.2	10.746	-2.4%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250710	C17294	0.386	0.0891	3.56	68.3	0.456	20175	0.272	0.549	0.0626	0.127	J,Pc	E2502162.d	2025-07-31 14:56	0.855	13.711	26951	559588	63.2	10.745	-2.7%
IRVSEA-2-S-20250710	C01914	0.445	0.103	4.10	68.3	0.456	20175	0.272	0.549	0.0626	0.127	J,Pc	E2502163.d	2025-07-31 15:21	0.855	13.718	31335	565158	63.2	10.745	-1.7%
IRVSEA-2-D-20250710	C55548	0.615	0.142	5.66	68.3	0.456	20175	0.272	0.549	0.0626	0.127	Pc	E2502164.d	2025-07-31 15:47	0.855	13.711	42918	560315	63.2	10.746	-2.6%
IRVSEA-2-B-20250710	C33283	0.272	0.0626		68.3	0.456	20175	0.272	0.549	0.0626	0.127	ND,Pc	E2502161.d	2025-07-31 14:30	0.855	13.711	426	561257	63.2	10.746	-2.4%
IRVSEA-3-S-20250710	C34188	0.545	0.126	5.02	68.3	0.456	20175	0.272	0.549	0.0626	0.127	J,Pc	E2502165.d	2025-07-31 16:12	0.855	13.718	37751	555779	63.2	10.746	-3.4%
IRVSEA-4-S-20250710	C39044	0.783	0.181	7.21	68.3	0.456	20175	0.272	0.549	0.0626	0.127	Pc	E2502166.d	2025-07-31 16:38	0.855	13.718	53951	552554	63.2	10.746	-3.9%
IRVSEA-5-S-20250710	C24281	0.303	0.0699	2.79	68.3	0.456	20175	0.272	0.549	0.0626	0.127	J,Pc	E2502167.d	2025-07-31 17:03	0.855	13.718	20942	554184	63.2	10.746	-3.6%
IRVSEA-6-S-20250710	C55325	0.601	0.138	5.53	68.3	0.456	20175	0.272	0.549	0.0626	0.127	Pc	E2502168.d	2025-07-31 17:30	0.855	13.711	41510	554423	63.2	10.746	-3.6%
IRVSEA-7-S-20250710	C53575	2.50	0.576	23.0	68.4	0.456	20175	0.272	0.549	0.0626	0.127	Pc	E2502169.d	2025-07-31 17:55	0.855	13.711	172354	553448	63.2	10.746	-3.8%
IRVSEA-8-S-20250710	B47138	1.78	0.410	16.4	68.4	0.456	20175	0.272	0.549	0.0626	0.127	Pc	E2502170.d	2025-07-31 18:21	0.855	13.711	121702	549103	63.2	10.746	-4.5%
IRVSEA-8-D-20250710	B42298	1.83	0.421	16.8	68.4	0.456	20175	0.272	0.549	0.0626	0.127	Pc	E2502171.d	2025-07-31 18:46	0.855	13.711	126112	553576	63.2	10.753	-3.8%
IRVSEA-8-B-20250710	B28899	0.272	0.0626		68.4	0.456	20175	0.272	0.549	0.0626	0.127	ND,Pc	E2502173.d	2025-07-31 19:37	0.855	13.718	1343	553979	63.2	10.746	-3.7%
IRVSEA-9-S-20250710	C40537	0.830	0.191	7.64	68.4	0.456	20175	0.272	0.549	0.0626	0.127	Pc	E2502174.d	2025-07-31 20:03	0.855	13.711	57075	551675	63.2	10.746	-4.1%
IRVSEA-10-S-20250710	C38567	1.38	0.319	12.7	68.4	0.456	20175	0.272	0.549	0.0626	0.127	Pc	E2502175.d	2025-07-31 20:28	0.855	13.711	95448	553235	63.2	10.746	-3.8%
IRVSEA-11-S-20250710	C57738	2.62	0.604	24.1	68.4	0.456	20175	0.272	0.549	0.0626	0.127	Pc	E2502176.d	2025-07-31 20:54	0.855	13.711	179226	548227	63.2	10.746	-4.7%
IRVSEA-12-S-20250710	C32866	2.53	0.584	23.3	68.4	0.456	20180	0.272	0.549	0.0626	0.127	Pc	E2502177.d	2025-07-31 21:19	0.855	13.711	171984	544338	63.2	10.746	-5.4%
IRVSEA-13-S-20250710	B12139	1.31	0.303	12.1	68.4	0.456	20180	0.272	0.549	0.0626	0.127	Pc	E2502178.d	2025-07-31 21:46	0.855	13.711	89036	543203	63.2	10.746	-5.6%
IRVSEA-14-S-20250710	B51059	0.794	0.183	7.31	68.4	0.456	20180	0.272	0.549	0.0626	0.127	Pc	E2502179.d	2025-07-31 22:11	0.855	13.711	54497	550516	63.2	10.746	-4.3%
IRVSEA-15-S-20250710	C16078	0.272	0.0626		68.4	0.456	20180	0.272	0.549	0.0626	0.127	ND,Pc	E2502180.d	2025-07-31 22:37	0.855	13.718	13395	554343	63.2	10.746	-3.6%
IRVSEA-16-S-20250710	B17498	0.272	0.0626		68.4	0.456	20180	0.272	0.549	0.0626	0.127	ND,Pc	E2502181.d	2025-07-31 23:02	0.855	13.718	11592	547998	63.2	10.746	-4.7%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG302-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20250710	C43326	0.309	0.0711	2.84	68.4	0.456	20180	0.272	0.549	0.0626	0.127	J,Pc	E2502182.d	2025-07-31 23:28	0.855	13.711	21588	561182	63.2	10.746	-2.4%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG302-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20250710	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20250710	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20250710	10%	Pass	21%	Pass	16%	Pass	32%	Fail	32%	Fail
	IRVSEA-8-D-20250710	8.3%	Pass	0.85%	Pass	21%	Pass	5.3%	Pass	2.7%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG302-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2502159.d	C71498	Cal	0.789	0.877	0.789	-10%	-3.9%		Pass	
2025GG302 Method Blank-1	E2502160.d	C61522	Blank		0.877	0.789			1.5%	Pass	ND
M325B CCV 5 REC	E2502172.d	B50829	Check	0.799	0.877	0.789	-8.9%		-2.9%	Pass	
M325B CCV 5	E2502183.d	C71471	Check	0.717	0.877	0.789	-18%		-1.4%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2502159.d	C71498	Cal	0.831	0.989	0.831	-16%	5.8%		Pass	
2025GG302 Method Blank-1	E2502160.d	C61522	Blank		0.989	0.831			1.1%	Pass	ND
M325B CCV 5 REC	E2502172.d	B50829	Check	0.863	0.989	0.831	-13%		-5.7%	Pass	
M325B CCV 5	E2502183.d	C71471	Check	0.763	0.989	0.831	-23%		-1.7%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2502159.d	C71498	Cal	1.005	1.195	1.005	-16%	5.8%		Pass	
2025GG302 Method Blank-1	E2502160.d	C61522	Blank		1.195	1.005			1.1%	Pass	ND
M325B CCV 5 REC	E2502172.d	B50829	Check	1.042	1.195	1.005	-13%		-5.7%	Pass	
M325B CCV 5	E2502183.d	C71471	Check	0.925	1.195	1.005	-23%		-1.7%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2502159.d	C71498	Cal	0.876	1.037	0.876	-16%	5.8%		Pass	
2025GG302 Method Blank-1	E2502160.d	C61522	Blank		1.037	0.876			1.1%	Pass	ND
M325B CCV 5 REC	E2502172.d	B50829	Check	0.855	1.037	0.876	-18%		-5.7%	Pass	
M325B CCV 5	E2502183.d	C71471	Check	0.791	1.037	0.876	-24%		-1.7%	Pass	

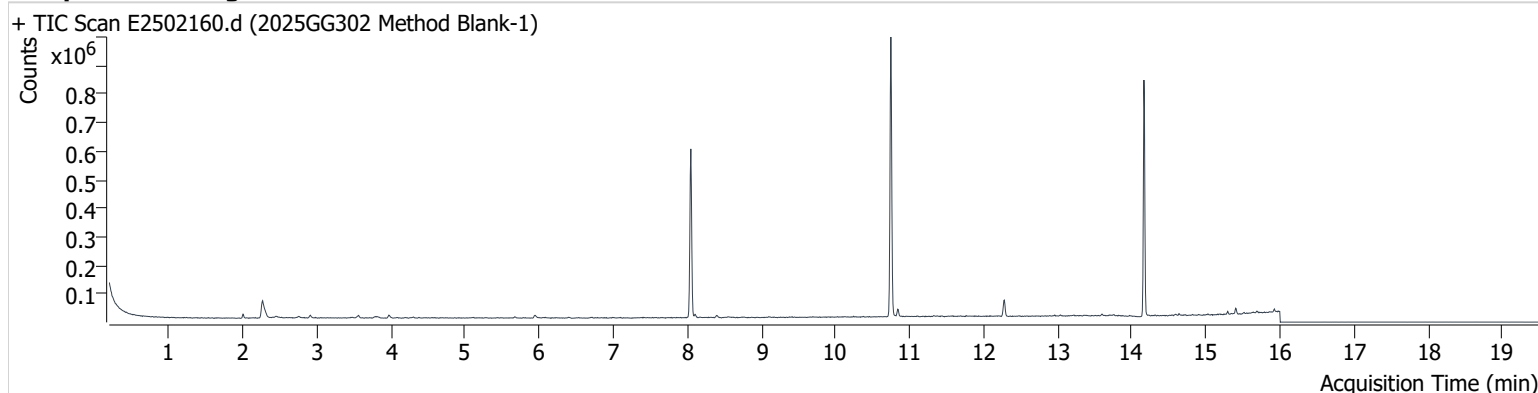
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	E2502159.d	C71498	Cal	0.855	0.950	0.855	-10%	5.8%		Pass	
2025GG302 Method Blank-1	E2502160.d	C61522	Blank		0.950	0.855			1.1%	Pass	ND
M325B CCV 5 REC	E2502172.d	B50829	Check	0.843	0.950	0.855	-11%		-5.7%	Pass	
M325B CCV 5	E2502183.d	C71471	Check	0.772	0.950	0.855	-19%		-1.7%	Pass	

Chromatograms

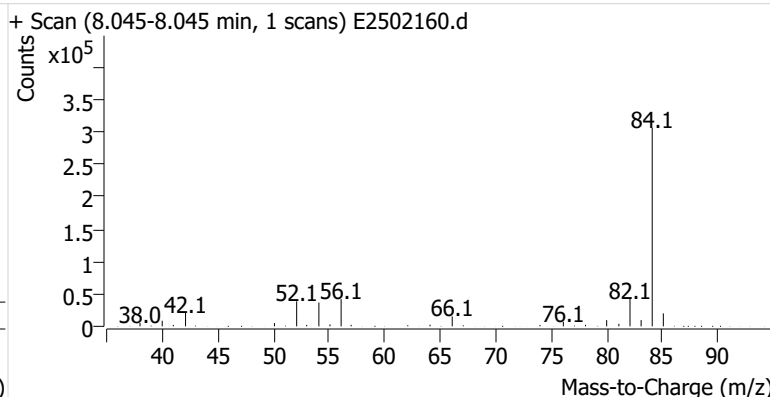
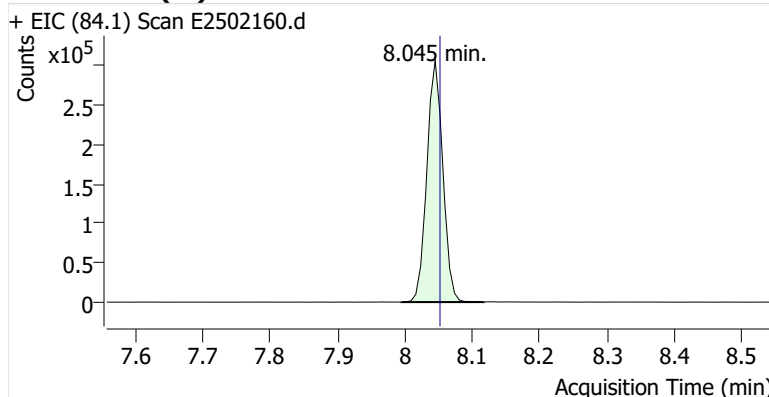
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Comment C61522
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Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

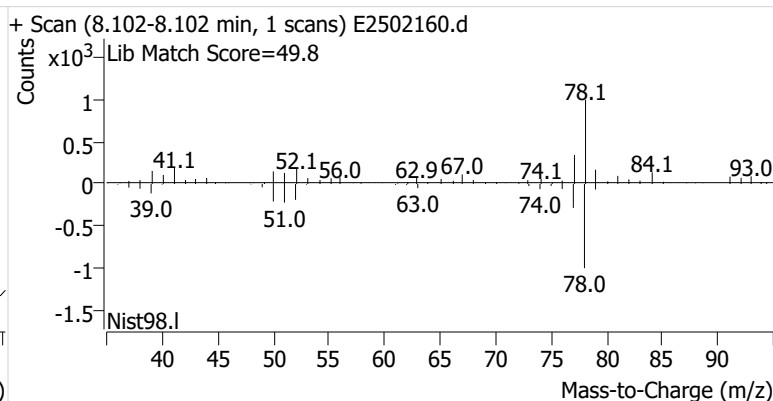
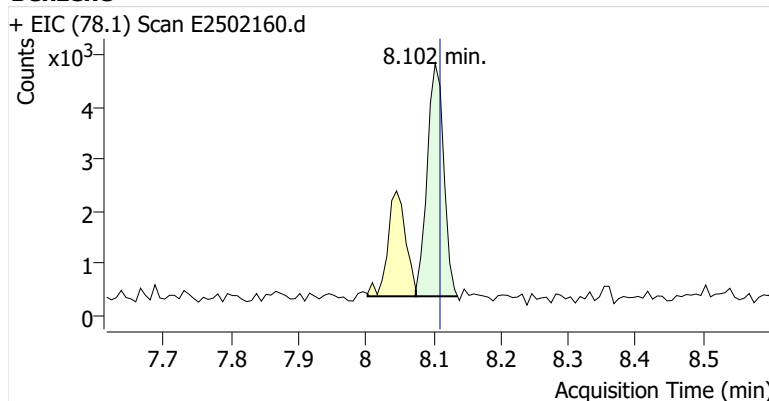


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	504,466	
Benzene	benzene-d6 (IS)	8.102	8.110	7,596	
Toluene-d8 (IS)		10.746	10.753	581,330	
Toluene	Toluene-d8 (IS)	10.839	10.846	15,172	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	1,688	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	1,362	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	1,042	m

benzene-d6 (IS)

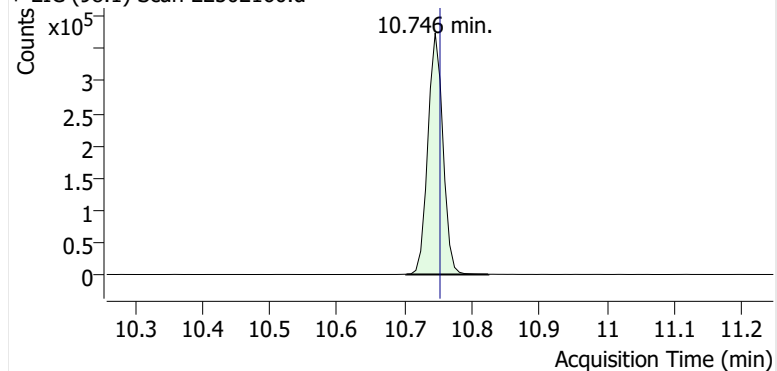


Benzene

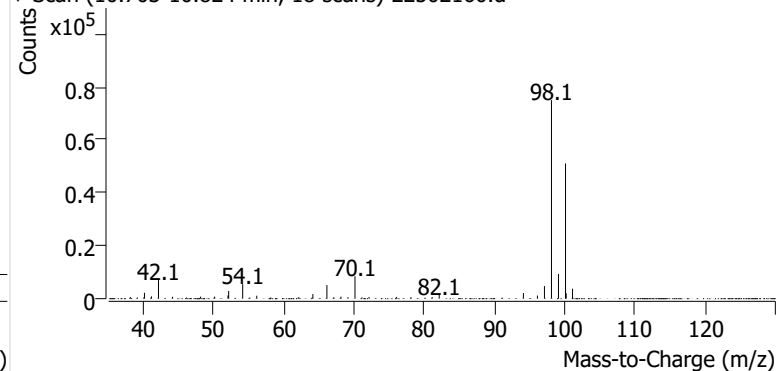


Toluene-d8 (IS)

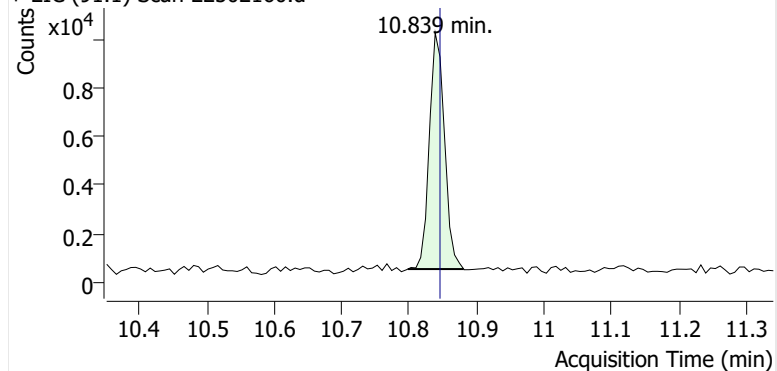
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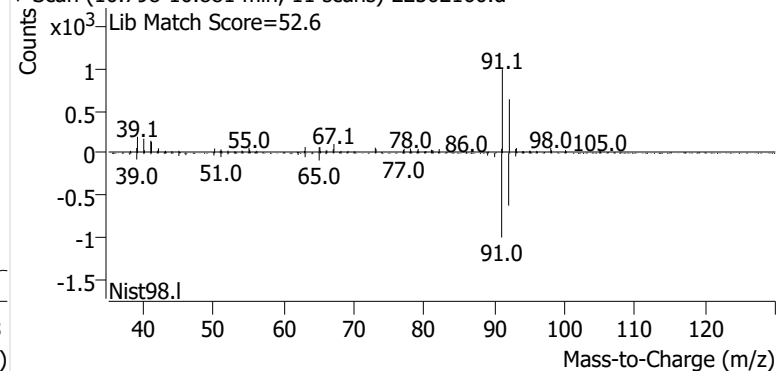
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**Toluene**

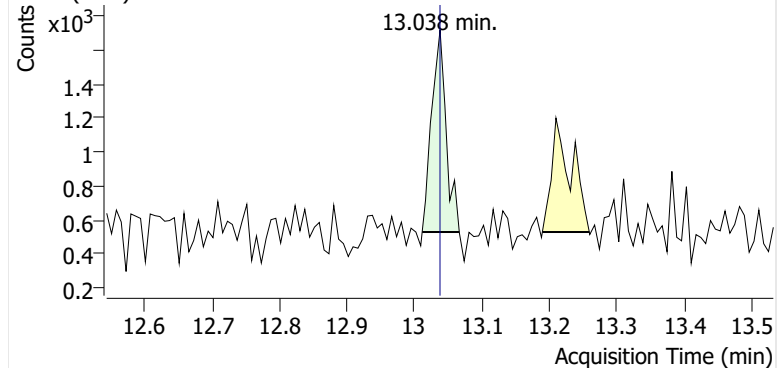
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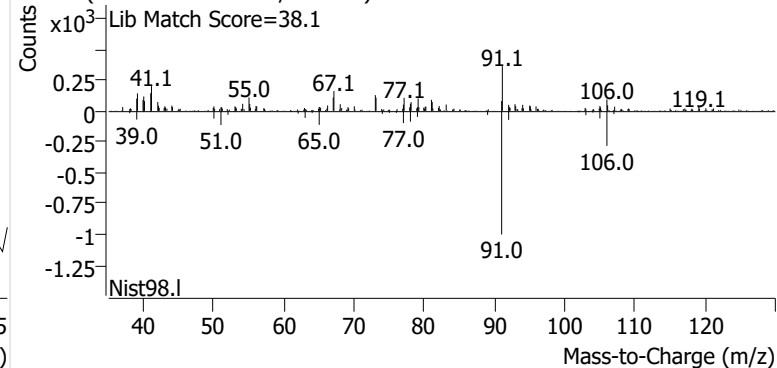
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**Ethylbenzene**

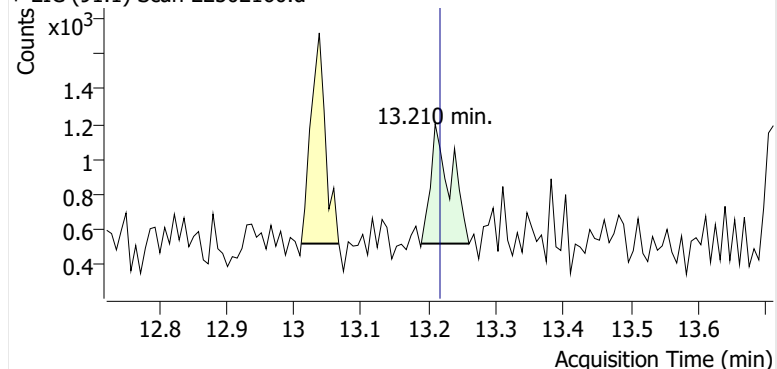
+ EIC (91.1) Scan E2502160.d



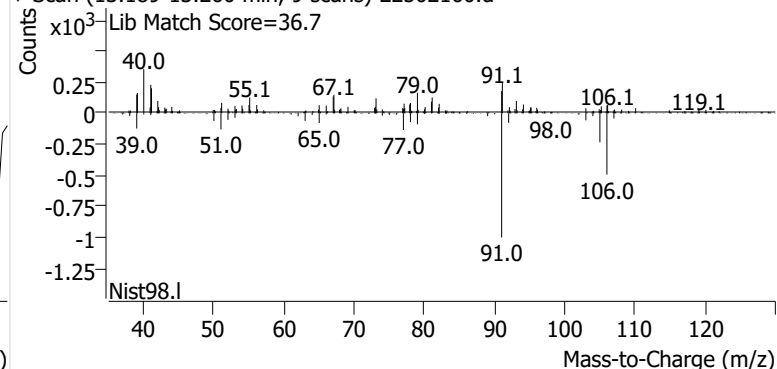
+ Scan (13.011-13.066 min, 7 scans) E2502160.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502160.d

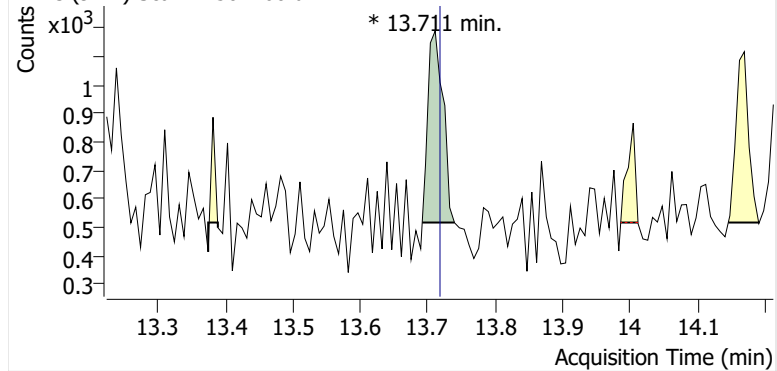


+ Scan (13.189-13.260 min, 9 scans) E2502160.d

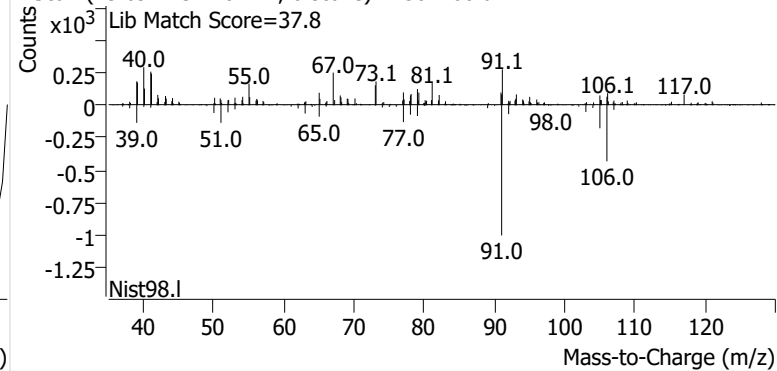


o-Xylene

+ EIC (91.1) Scan E2502160.d

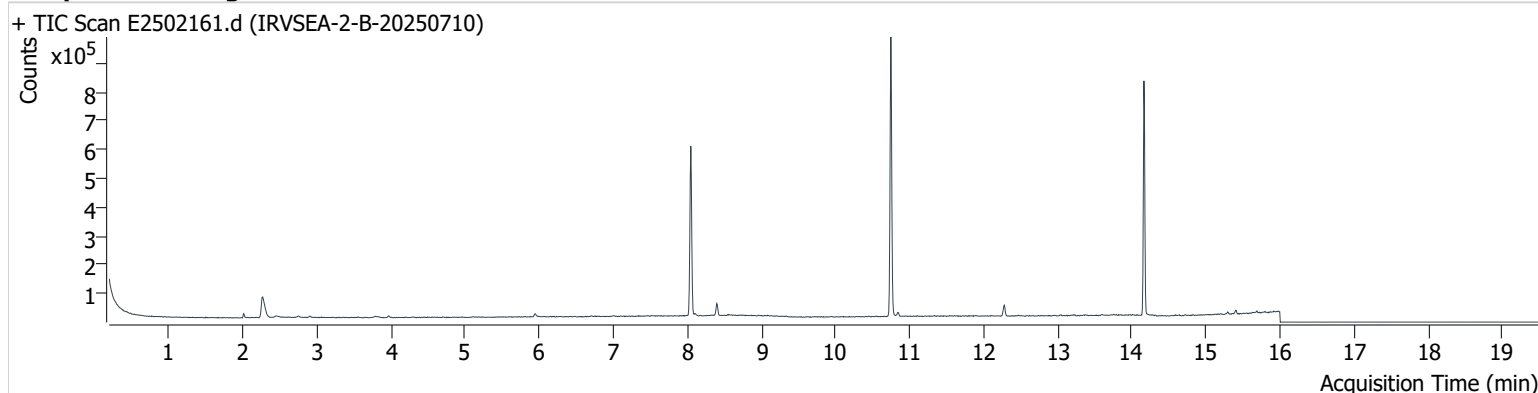


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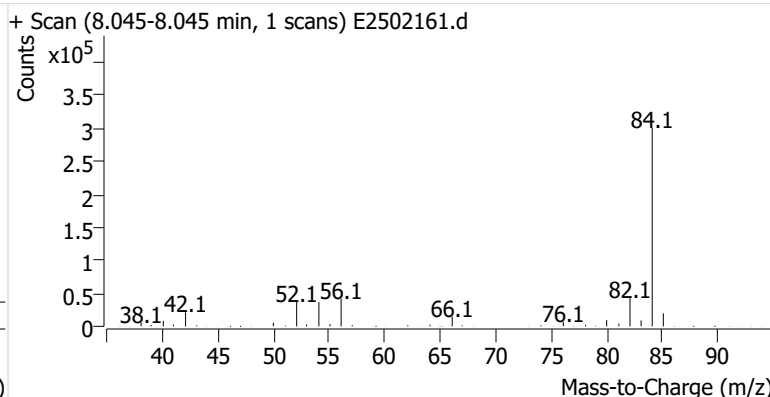
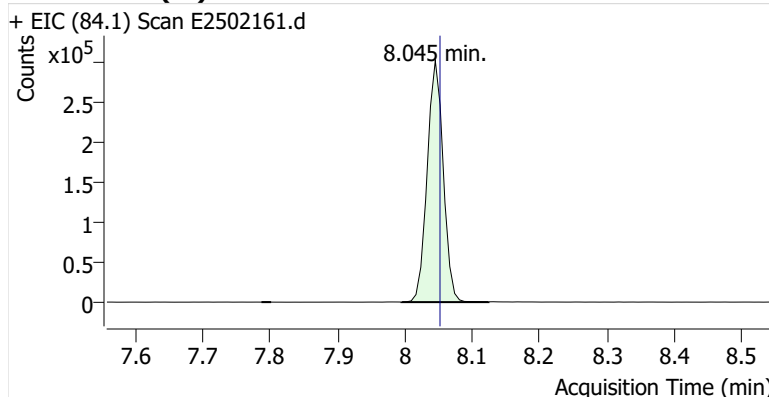
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Comment C33283
Data File E2502161.d
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Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

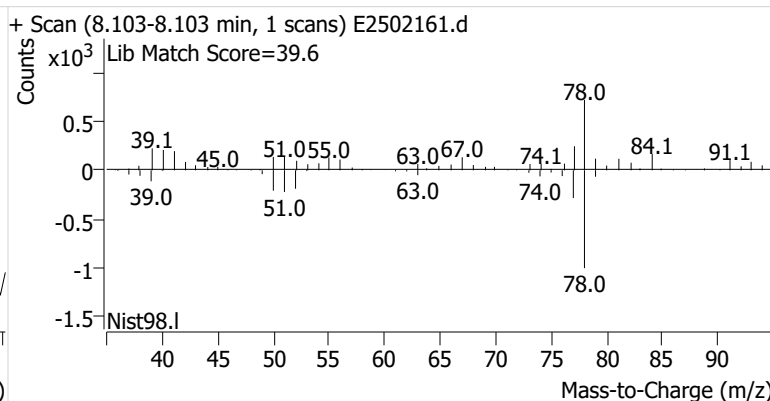
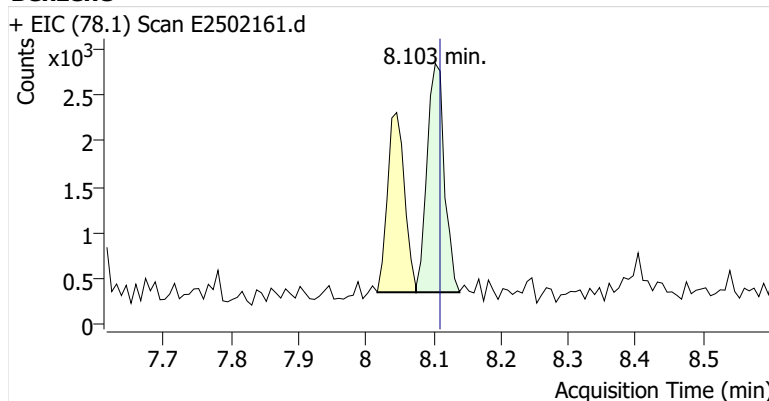


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	497,434	
Benzene	benzene-d6 (IS)	8.103	8.110	4,456	
Toluene-d8 (IS)		10.746	10.753	561,257	
Toluene	Toluene-d8 (IS)	10.846	10.846	8,089	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	1,255	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	818	m
o-Xylene	Toluene-d8 (IS)	13.711	13.718	426	

benzene-d6 (IS)

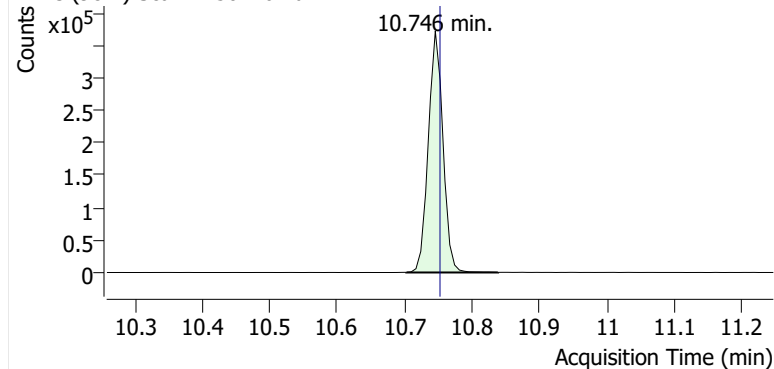


Benzene

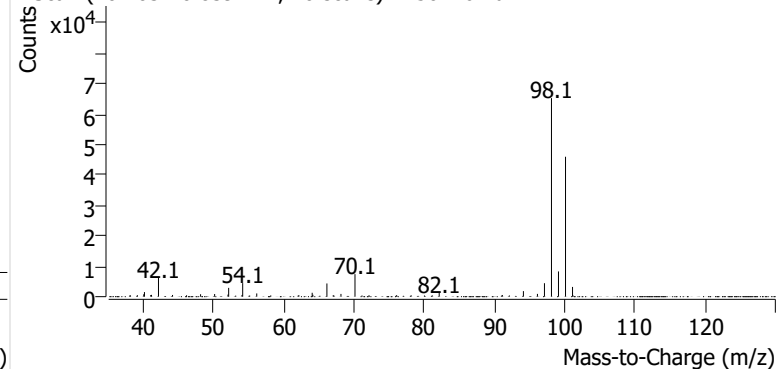


Toluene-d8 (IS)

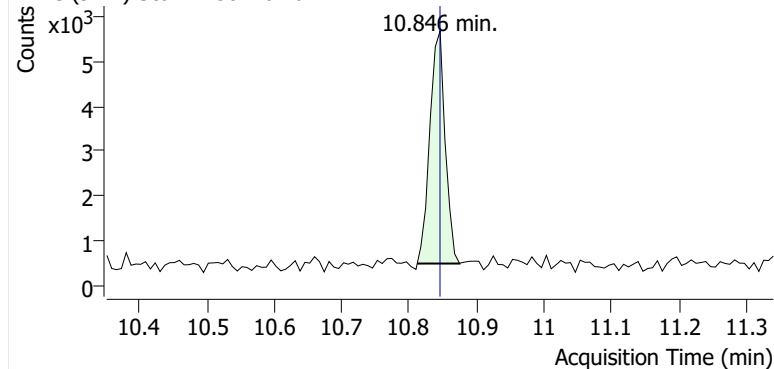
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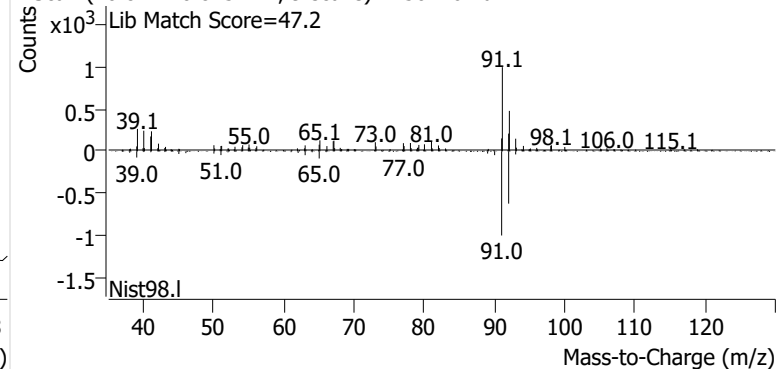
+ Scan (10.703-10.839 min, 20 scans) E2502161.d

**Toluene**

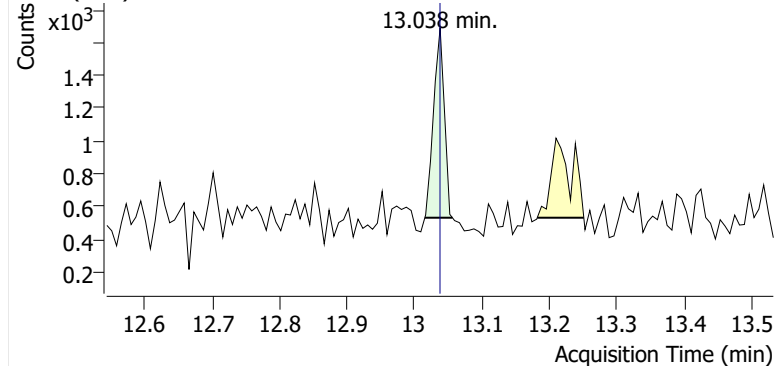
+ EIC (91.1) Scan E2502161.d



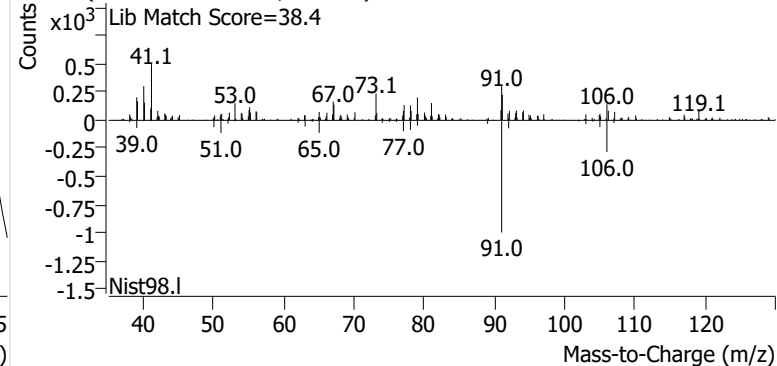
+ Scan (10.812-10.875 min, 9 scans) E2502161.d

**Ethylbenzene**

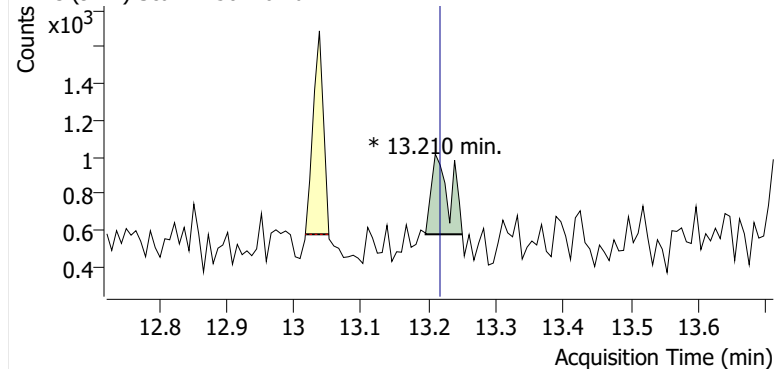
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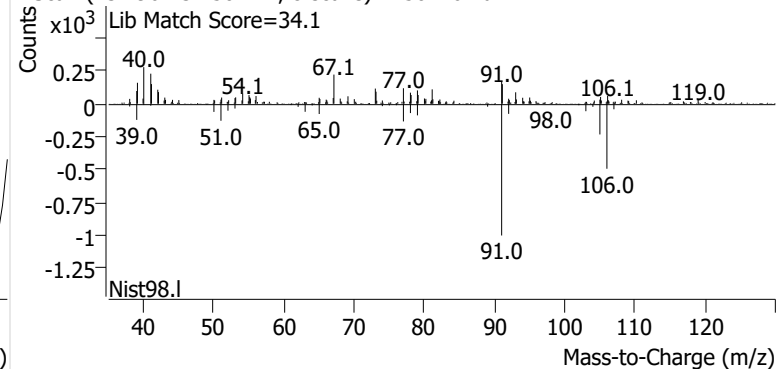
+ Scan (13.015-13.056 min, 6 scans) E2502161.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502161.d

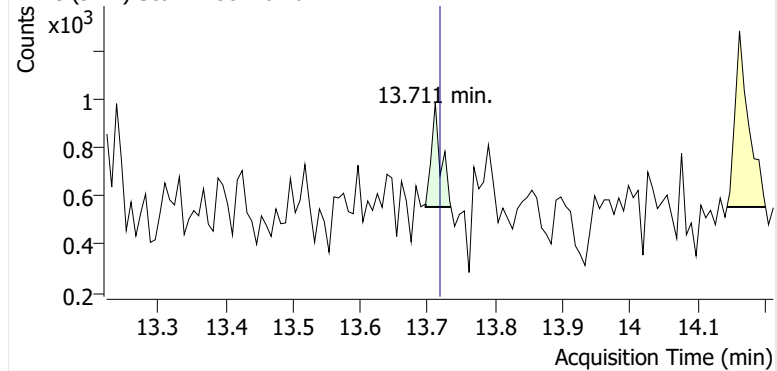


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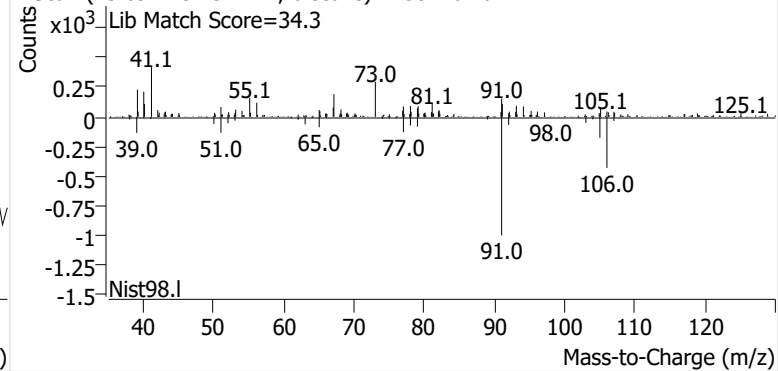


o-Xylene

+ EIC (91.1) Scan E2502161.d

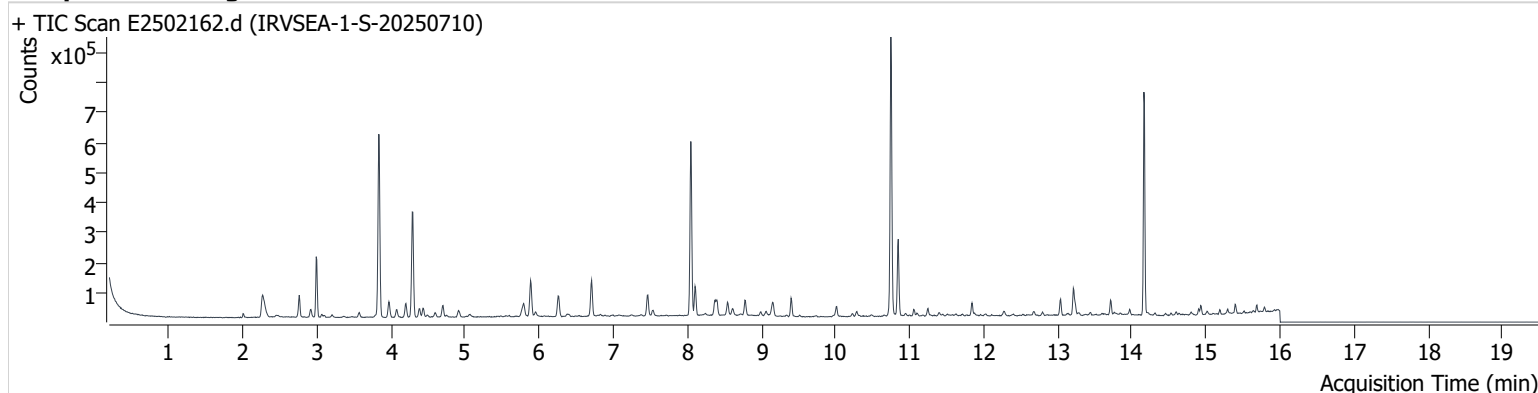


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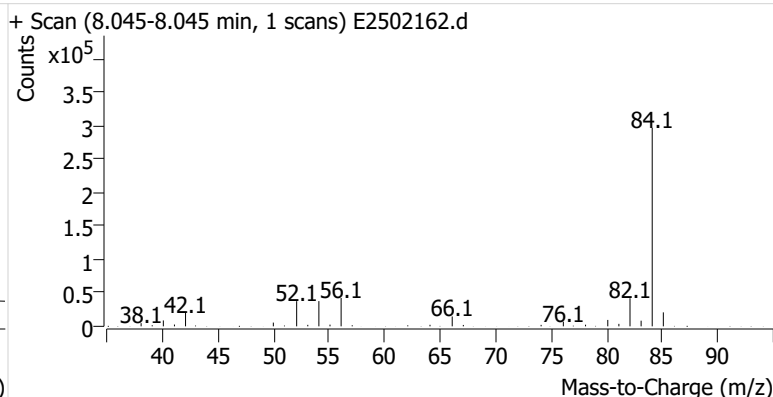
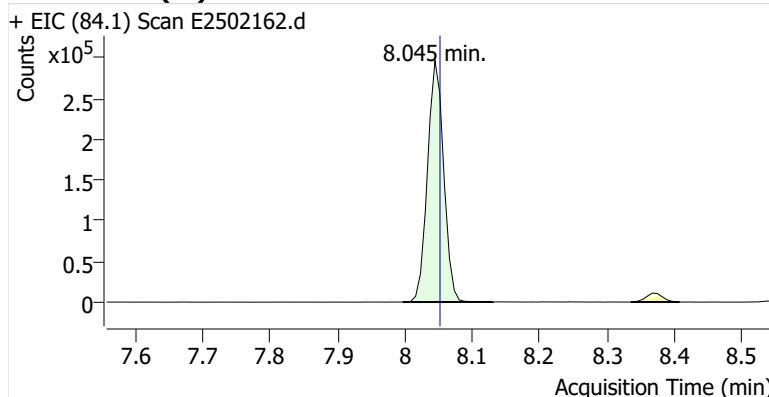
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Comment C17294
Data File E2502162.d
Acq. Date-Time 7/31/2025 2:56:12 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

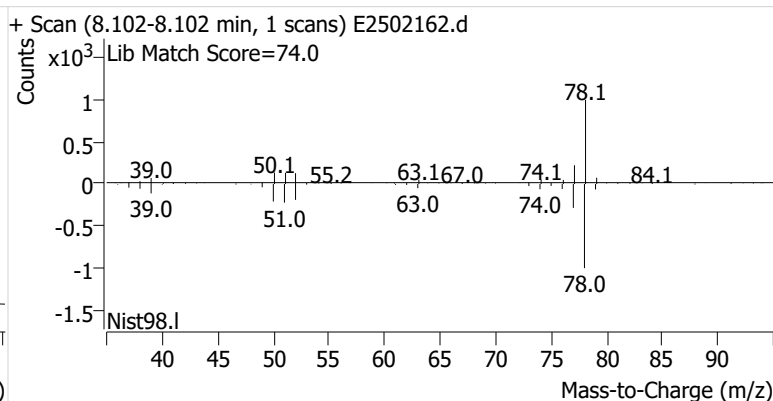
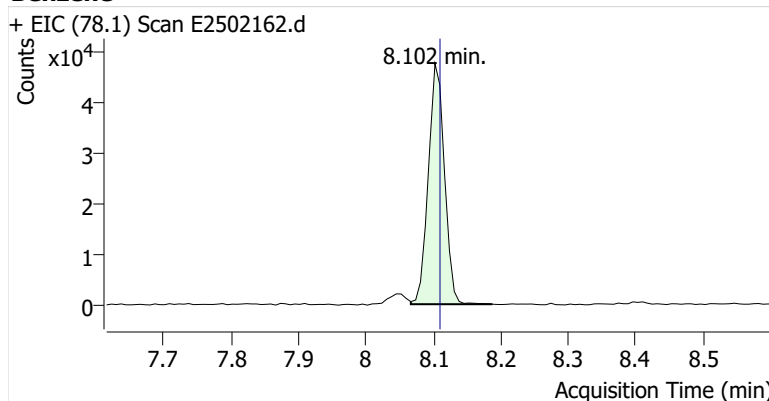


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	493,375	
Benzene	benzene-d6 (IS)	8.102	8.110	78,699	
Toluene-d8 (IS)		10.745	10.753	559,588	
Toluene	Toluene-d8 (IS)	10.846	10.846	158,831	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	34,762	
m-/p-Xylenes	Toluene-d8 (IS)	13.209	13.217	66,106	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	26,951	

benzene-d6 (IS)

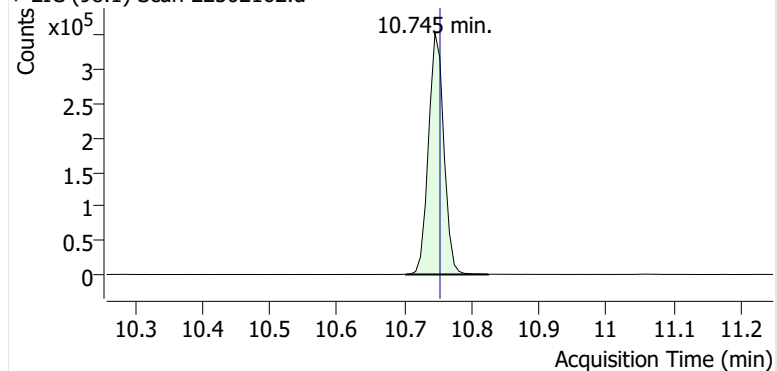


Benzene

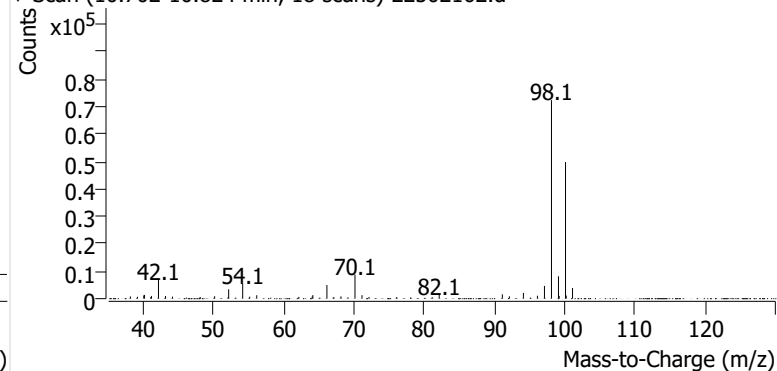


Toluene-d8 (IS)

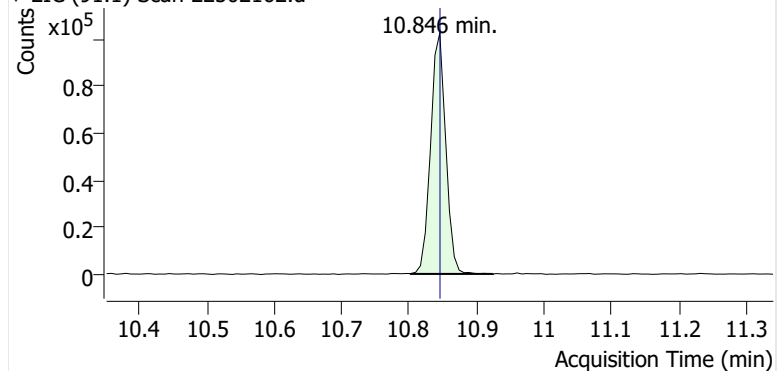
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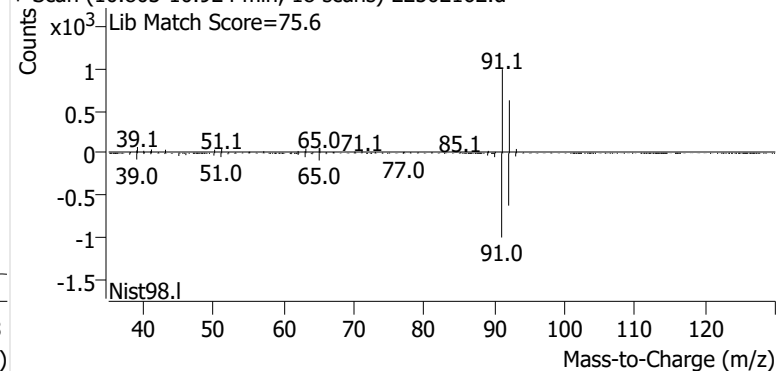
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**Toluene**

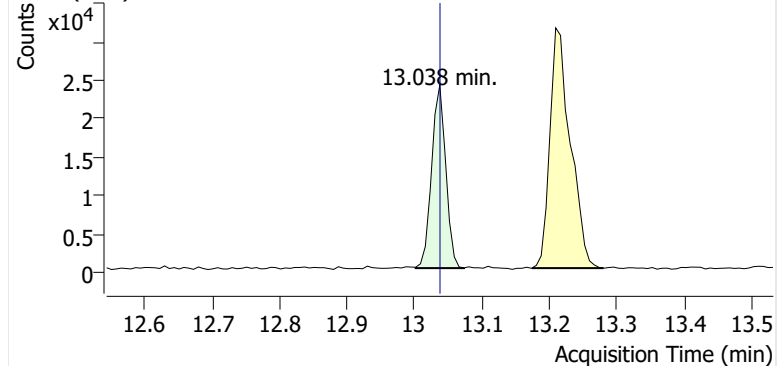
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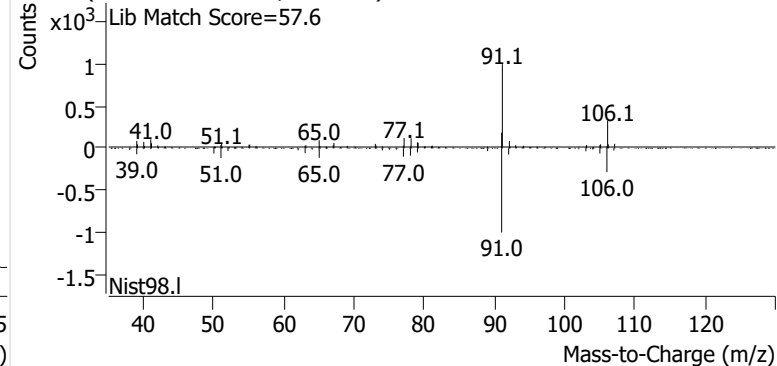
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**Ethylbenzene**

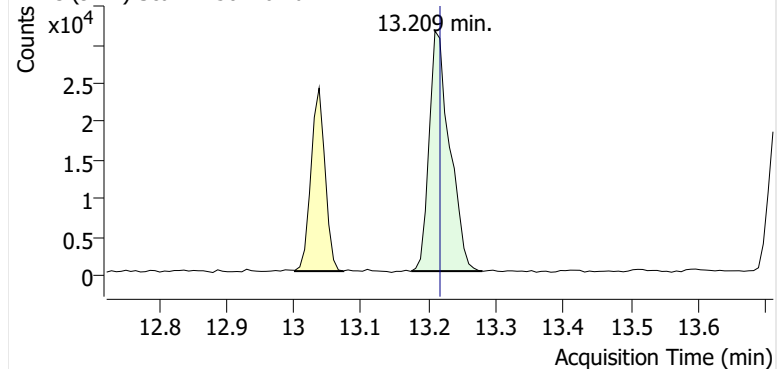
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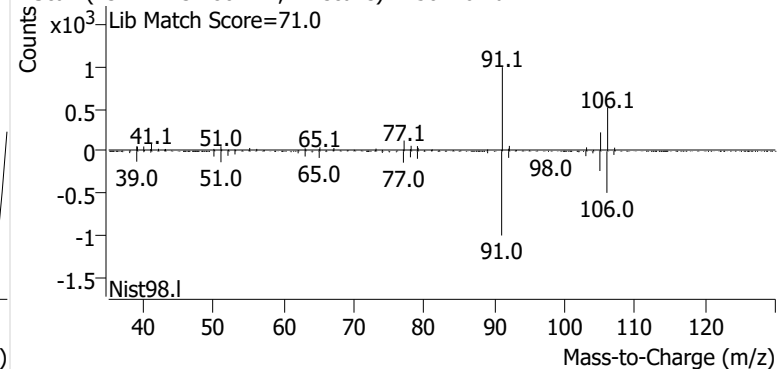
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**m-/p-Xylenes**

+ EIC (91.1) Scan E2502162.d

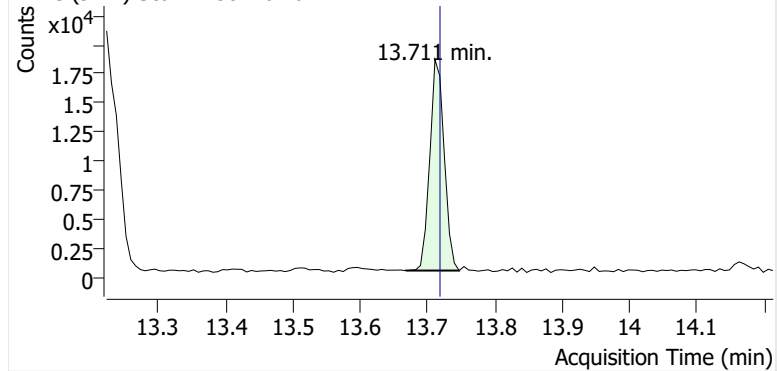


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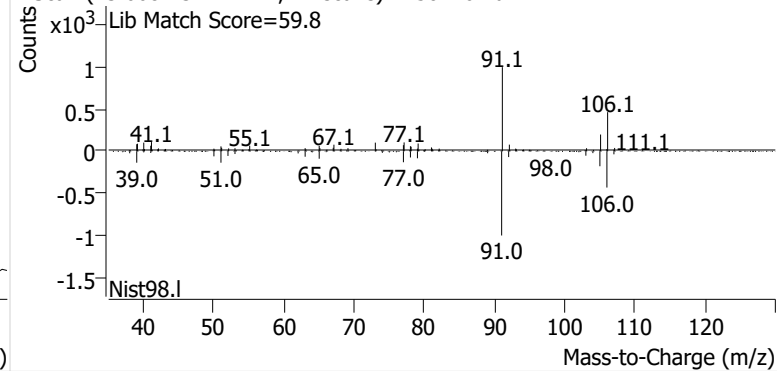


o-Xylene

+ EIC (91.1) Scan E2502162.d

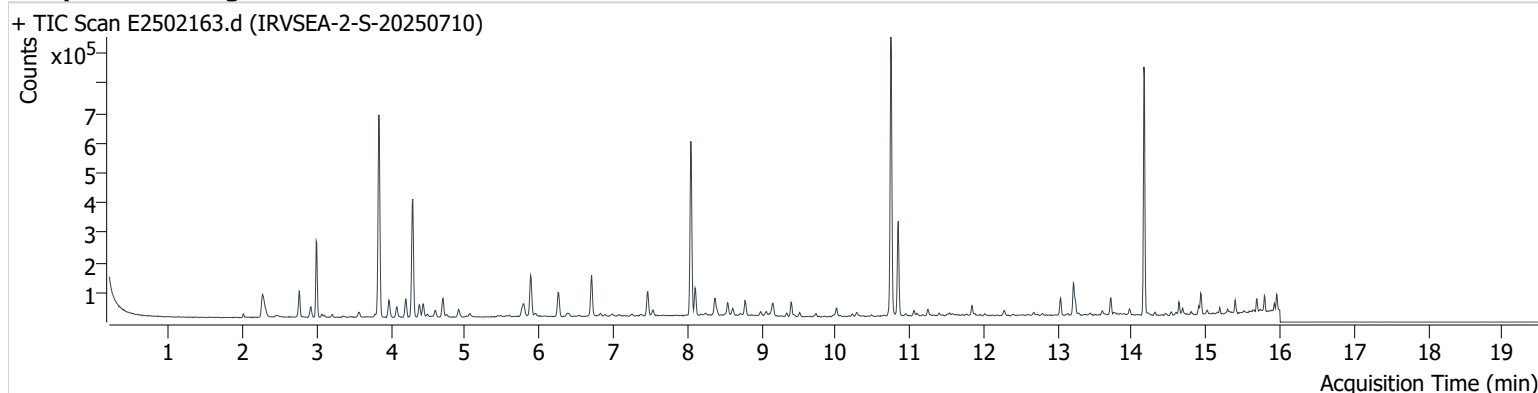


+ Scan (13.668-13.747 min, 12 scans) E2502162.d



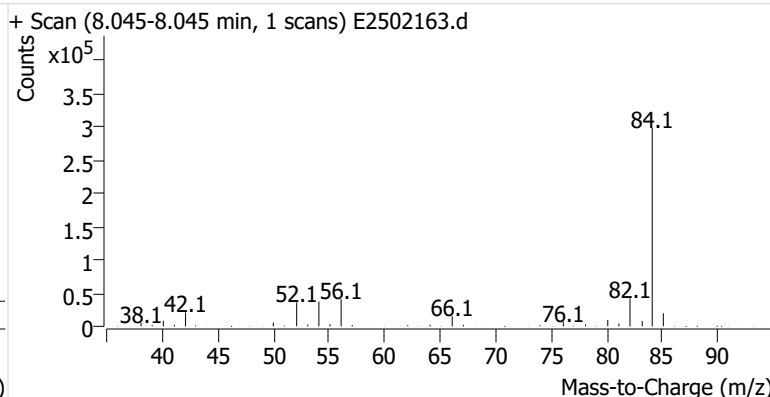
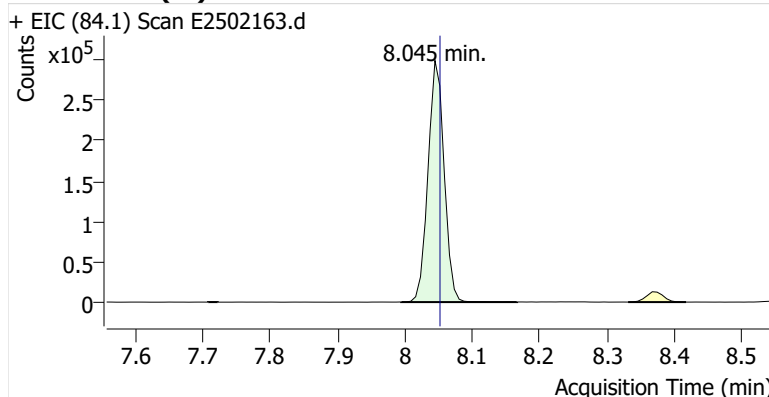
Name IRVSEA-2-S-20250710
Comment C01914
Data File E2502163.d
Acq. Date-Time 7/31/2025 3:21:38 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

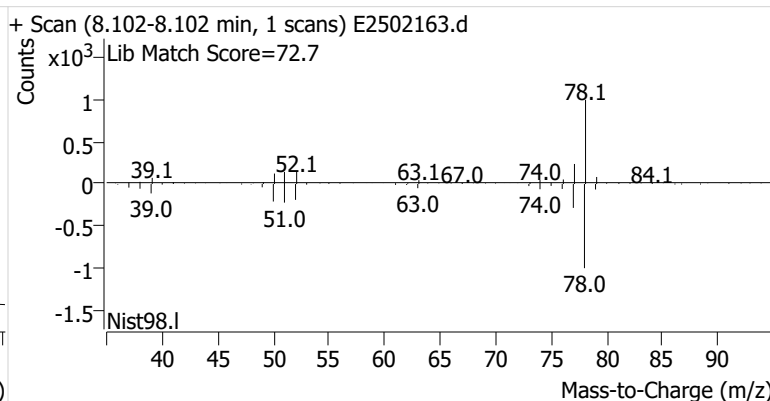
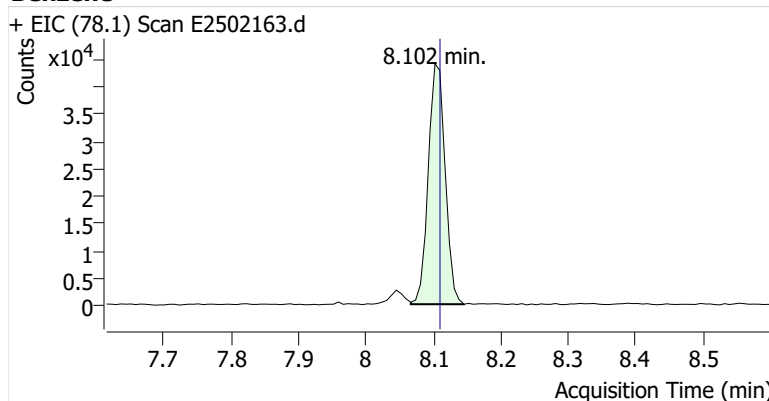


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	496,907	
Benzene	benzene-d6 (IS)	8.102	8.110	76,137	
Toluene-d8 (IS)		10.745	10.753	565,158	
Toluene	Toluene-d8 (IS)	10.846	10.846	197,515	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	37,718	
m-/p-Xylenes	Toluene-d8 (IS)	13.209	13.217	80,832	
o-Xylene	Toluene-d8 (IS)	13.718	13.718	31,335	

benzene-d6 (IS)

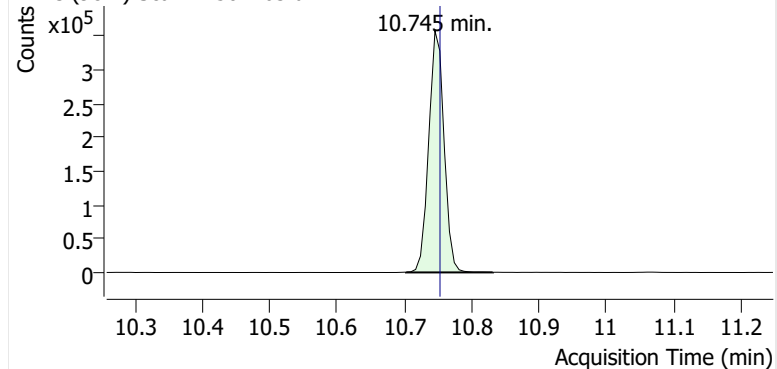


Benzene

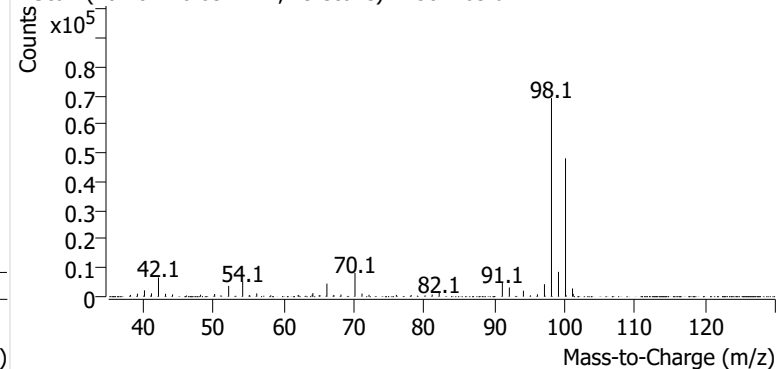


Toluene-d8 (IS)

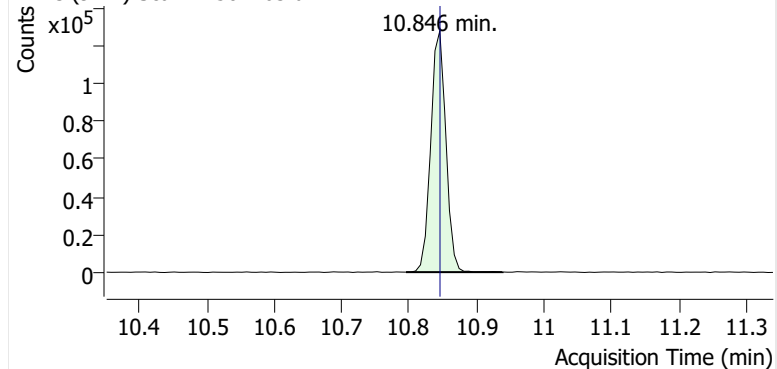
+ EIC (98.1) Scan E2502163.d



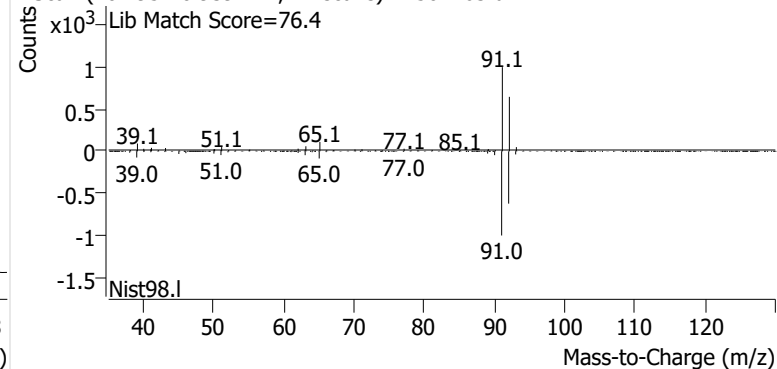
+ Scan (10.702-10.831 min, 19 scans) E2502163.d

**Toluene**

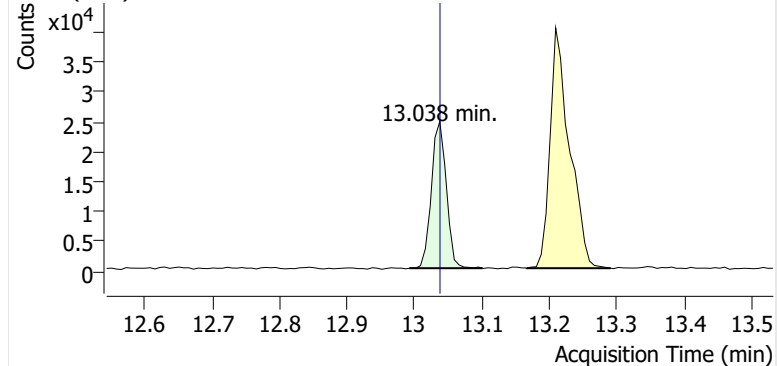
+ EIC (91.1) Scan E2502163.d



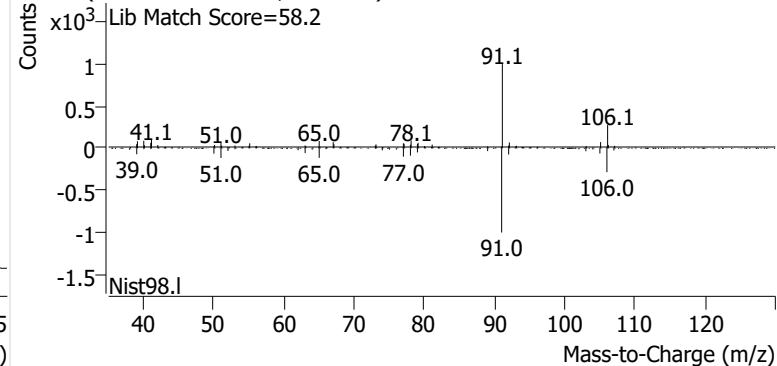
+ Scan (10.795-10.939 min, 21 scans) E2502163.d

**Ethylbenzene**

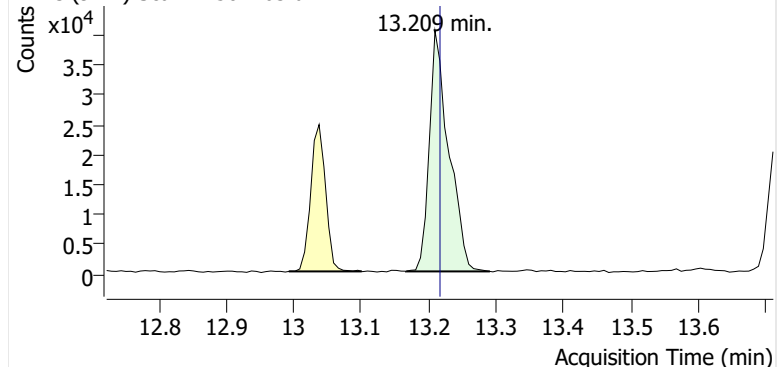
+ EIC (91.1) Scan E2502163.d



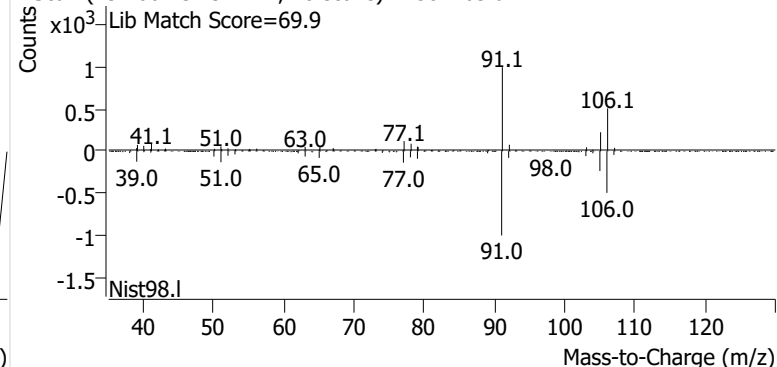
+ Scan (12.992-13.101 min, 15 scans) E2502163.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502163.d

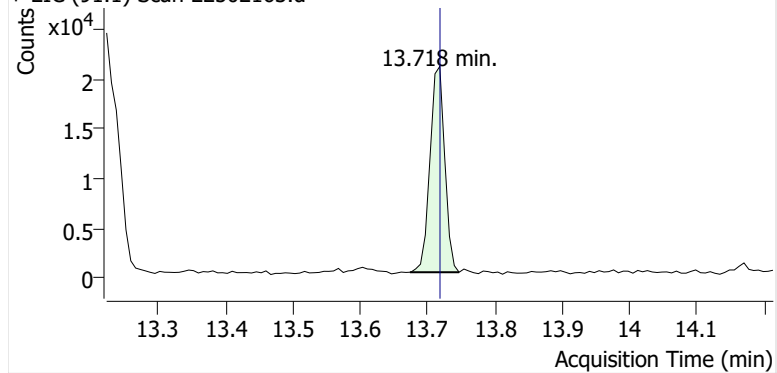


+ Scan (13.166-13.291 min, 18 scans) E2502163.d

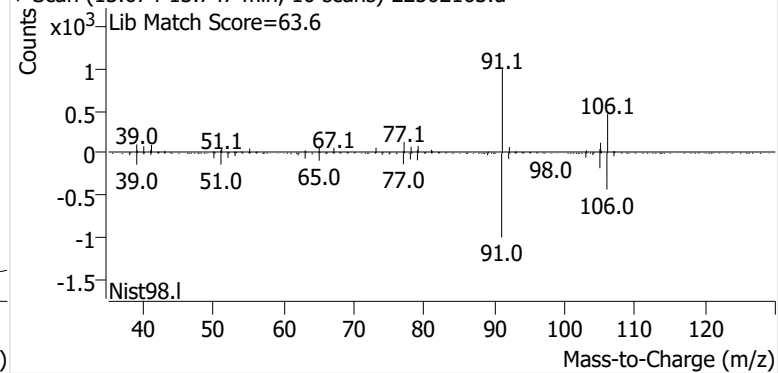


o-Xylene

+ EIC (91.1) Scan E2502163.d

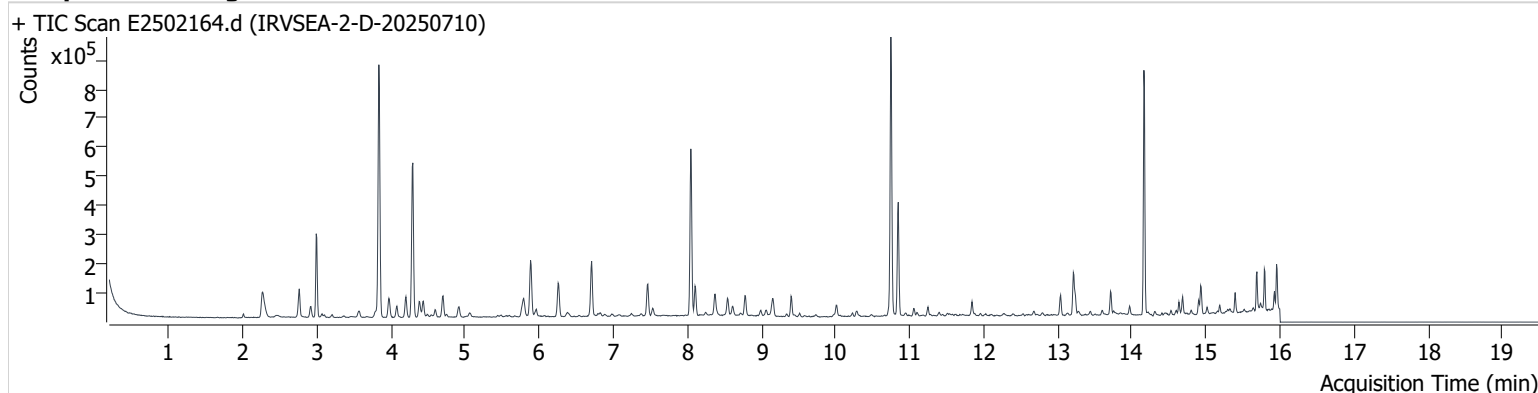


+ Scan (13.674-13.747 min, 10 scans) E2502163.d



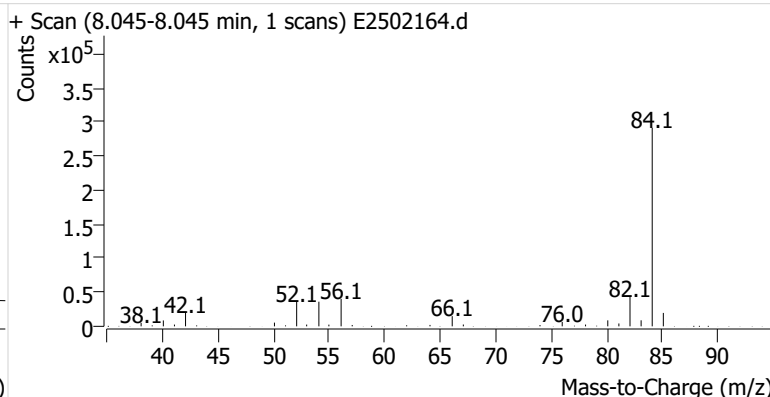
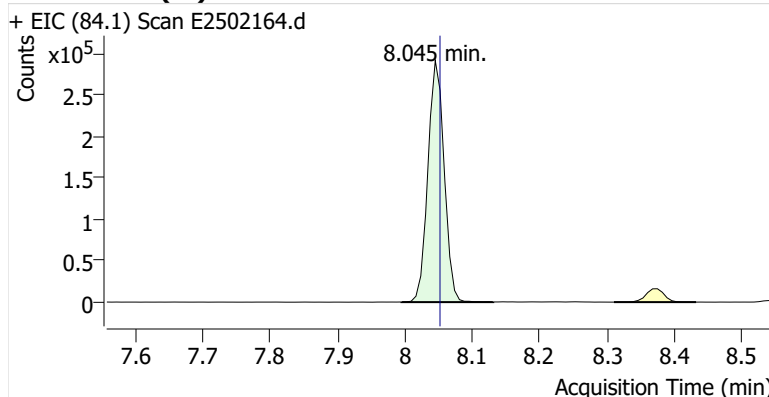
Name IRVSEA-2-D-20250710
Comment C55548
Data File E2502164.d
Acq. Date-Time 7/31/2025 3:47:11 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

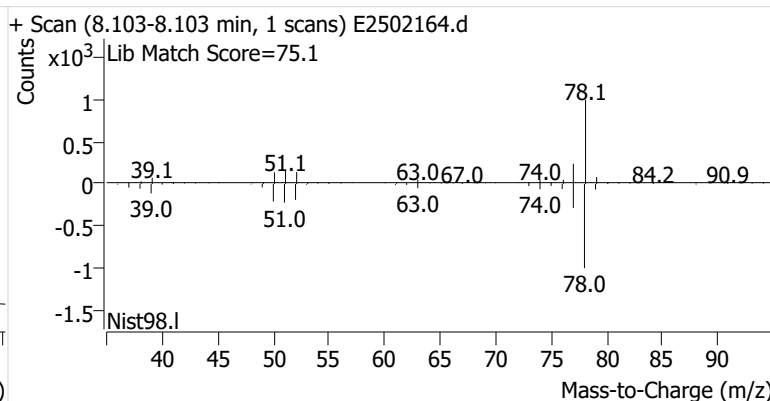
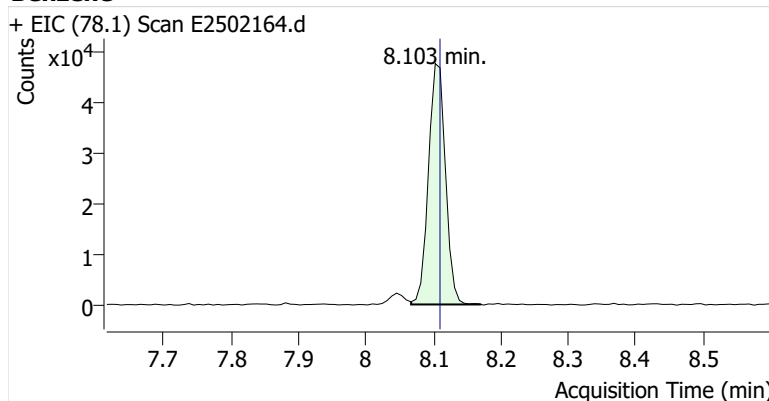


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	488,922	
Benzene	benzene-d6 (IS)	8.103	8.110	82,959	
Toluene-d8 (IS)		10.746	10.753	560,315	
Toluene	Toluene-d8 (IS)	10.846	10.846	241,699	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	44,097	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	110,448	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	42,918	

benzene-d6 (IS)

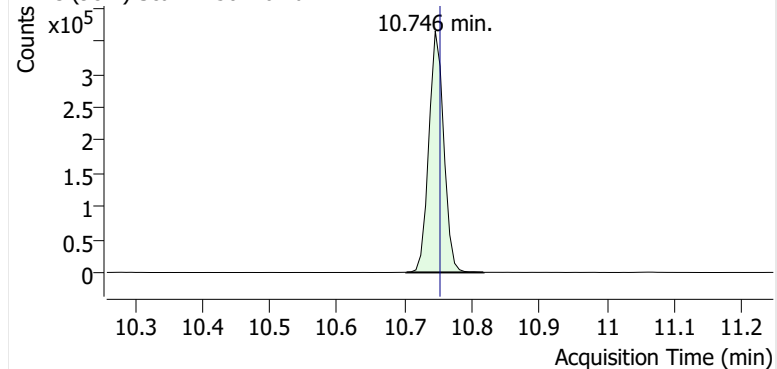


Benzene

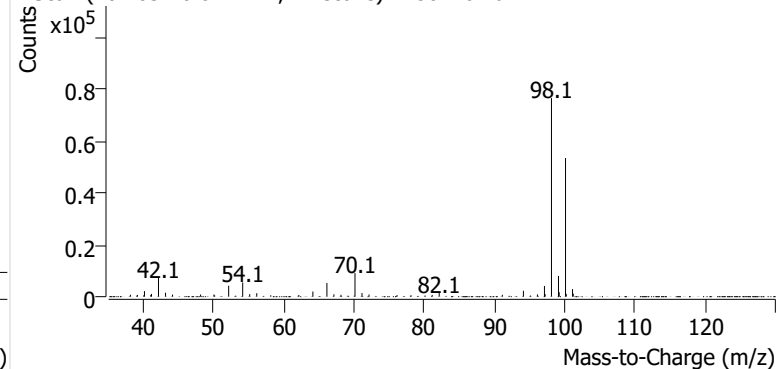


Toluene-d8 (IS)

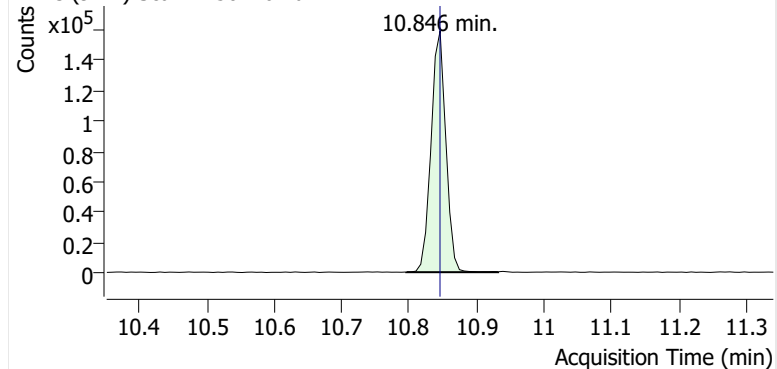
+ EIC (98.1) Scan E2502164.d



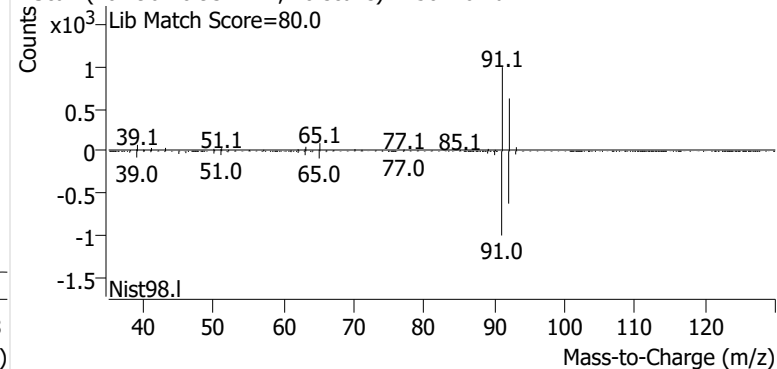
+ Scan (10.703-10.817 min, 17 scans) E2502164.d

**Toluene**

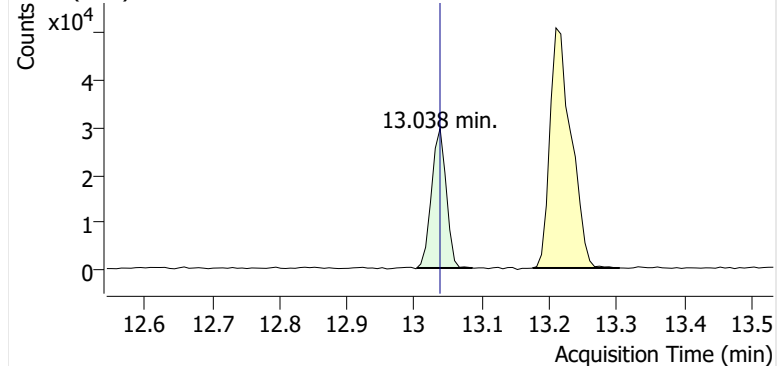
+ EIC (91.1) Scan E2502164.d



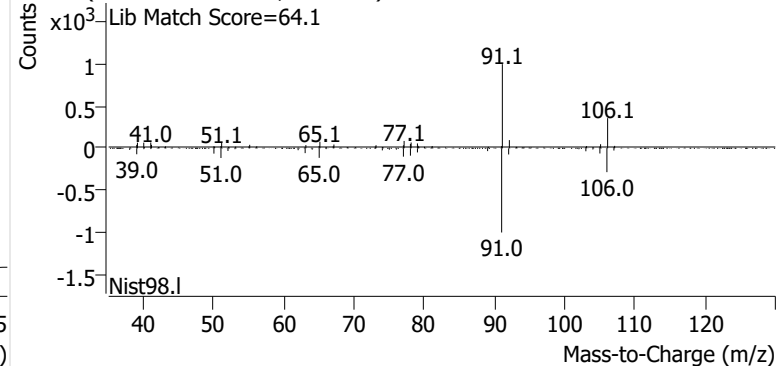
+ Scan (10.796-10.932 min, 20 scans) E2502164.d

**Ethylbenzene**

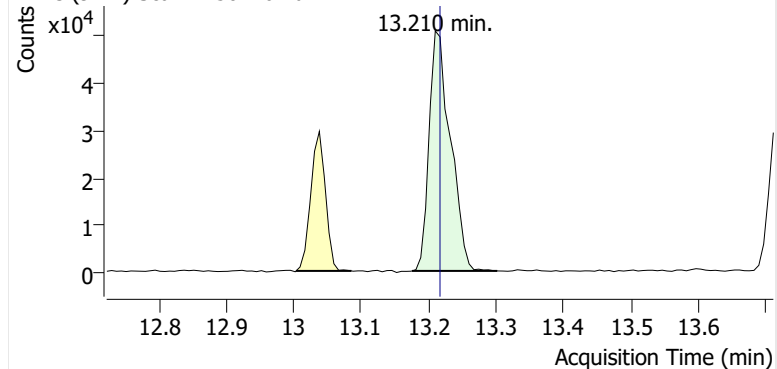
+ EIC (91.1) Scan E2502164.d



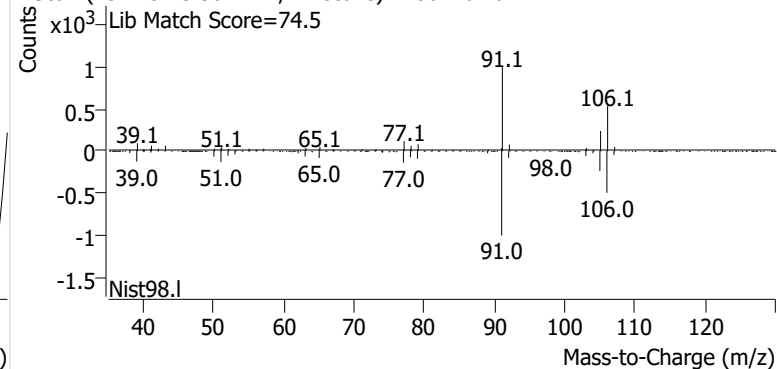
+ Scan (13.003-13.086 min, 11 scans) E2502164.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502164.d

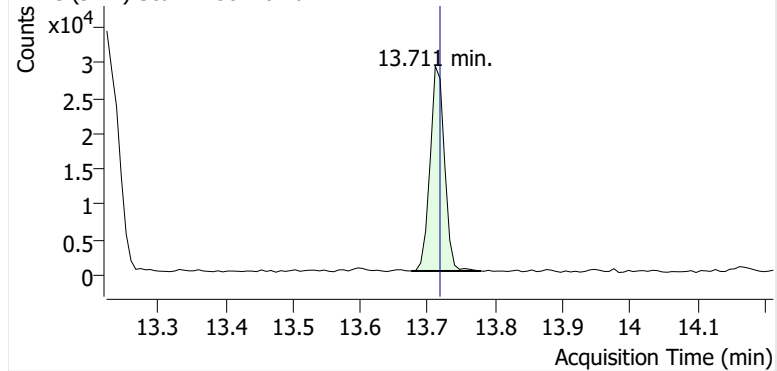


+ Scan (13.175-13.302 min, 17 scans) E2502164.d

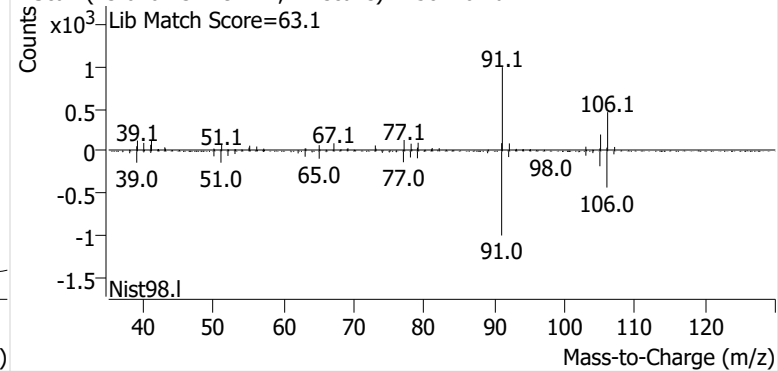


o-Xylene

+ EIC (91.1) Scan E2502164.d

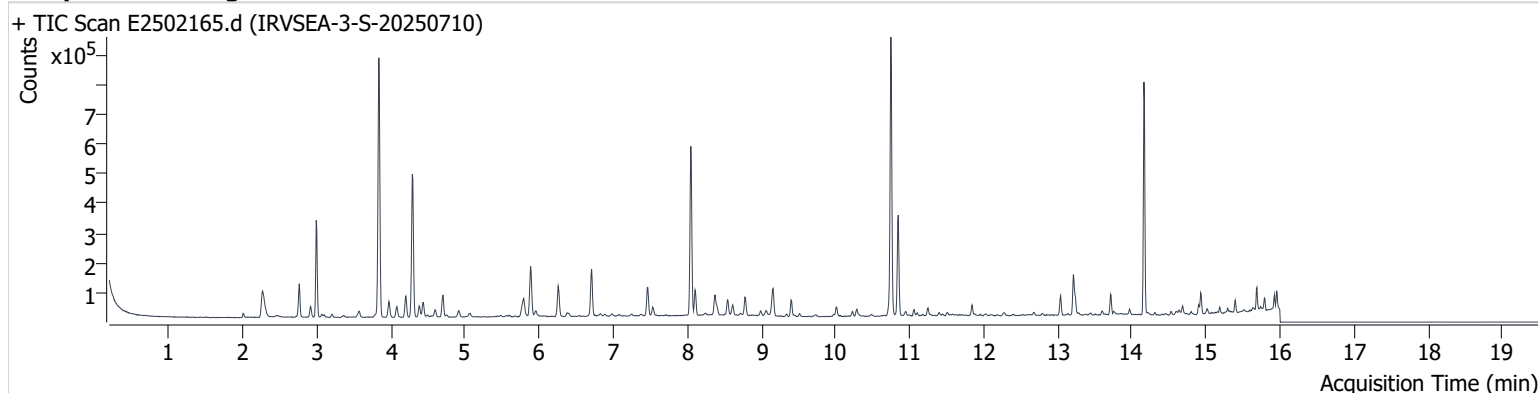


+ Scan (13.676-13.779 min, 14 scans) E2502164.d



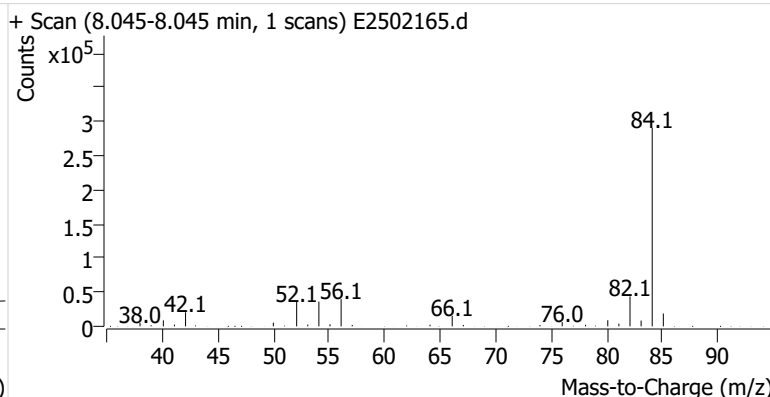
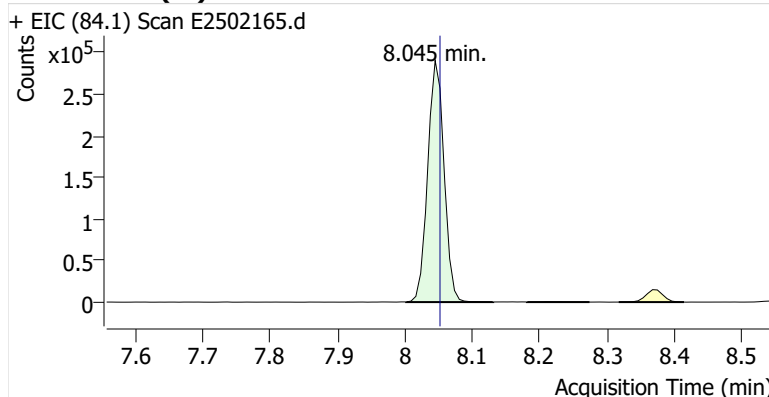
Name IRVSEA-3-S-20250710
Comment C34188
Data File E2502165.d
Acq. Date-Time 7/31/2025 4:12:44 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

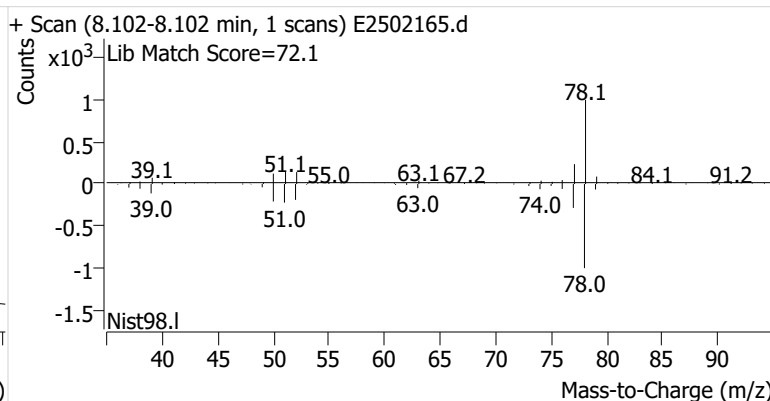
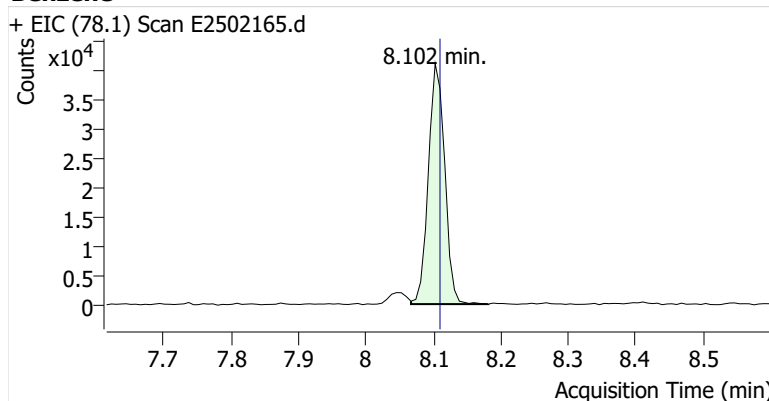


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	489,494	
Benzene	benzene-d6 (IS)	8.102	8.110	68,913	
Toluene-d8 (IS)		10.746	10.753	555,779	
Toluene	Toluene-d8 (IS)	10.846	10.846	207,866	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	42,009	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	102,441	
o-Xylene	Toluene-d8 (IS)	13.718	13.718	37,751	

benzene-d6 (IS)

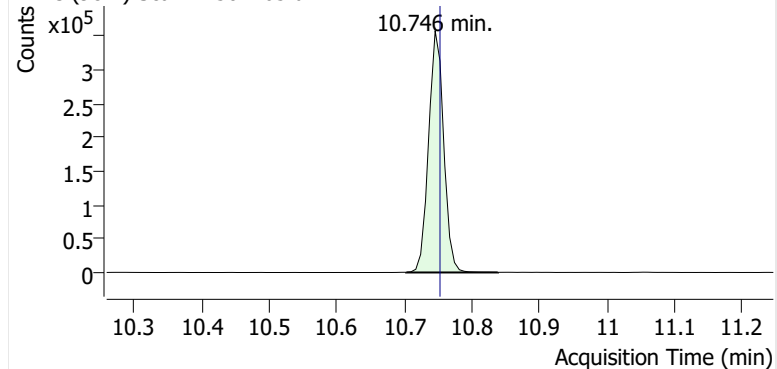


Benzene

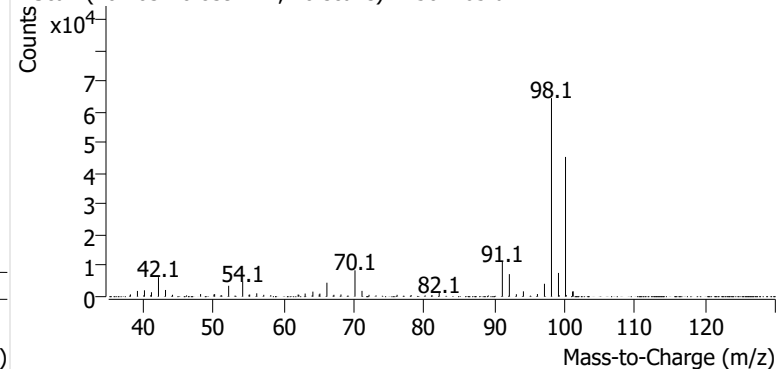


Toluene-d8 (IS)

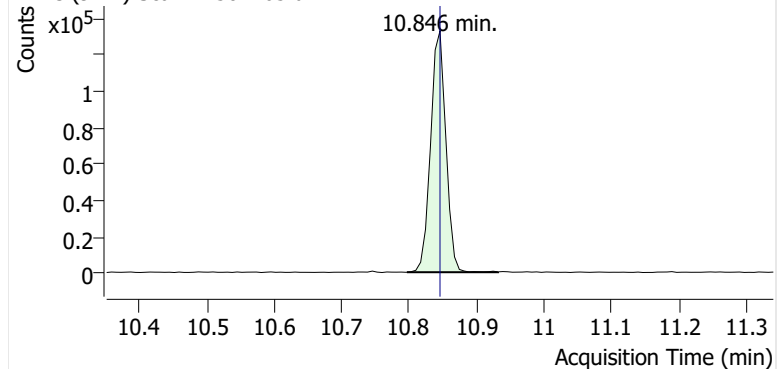
+ EIC (98.1) Scan E2502165.d



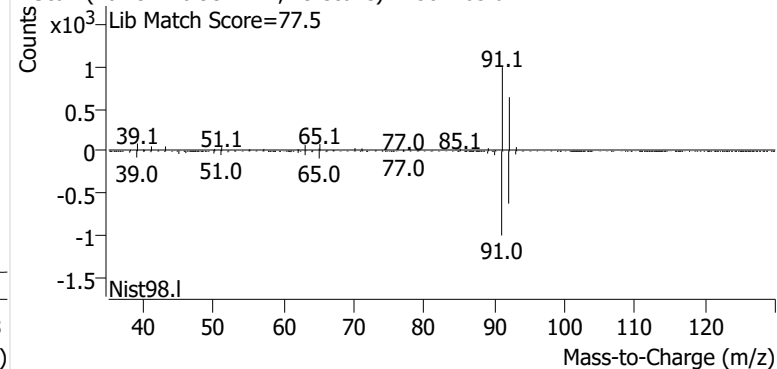
+ Scan (10.703-10.839 min, 20 scans) E2502165.d

**Toluene**

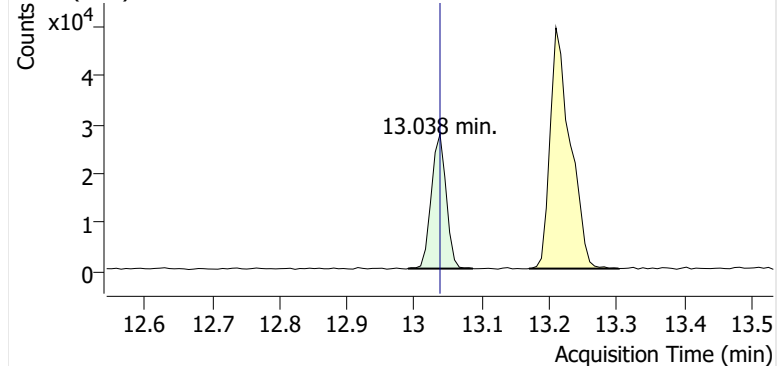
+ EIC (91.1) Scan E2502165.d



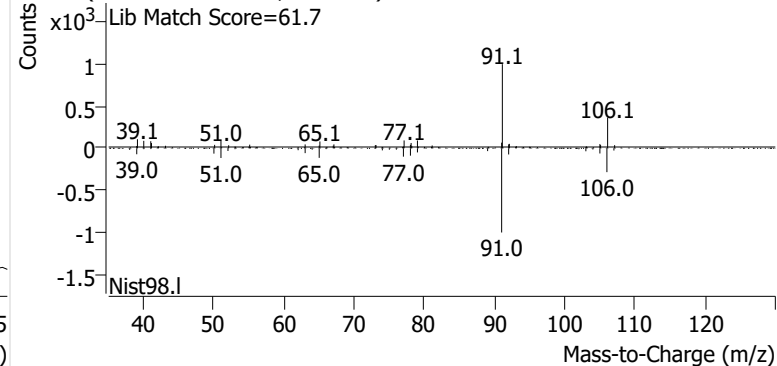
+ Scan (10.797-10.932 min, 19 scans) E2502165.d

**Ethylbenzene**

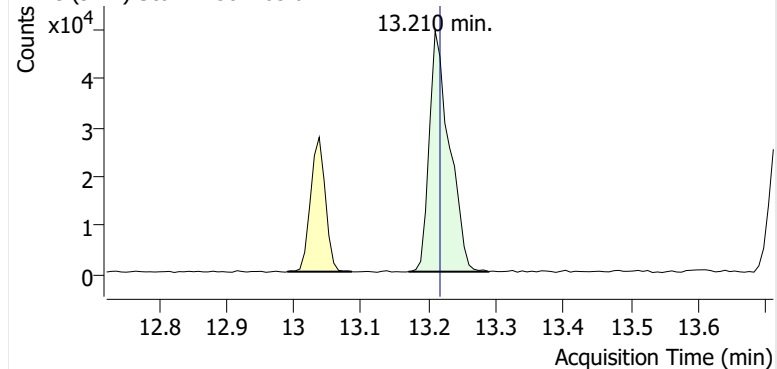
+ EIC (91.1) Scan E2502165.d



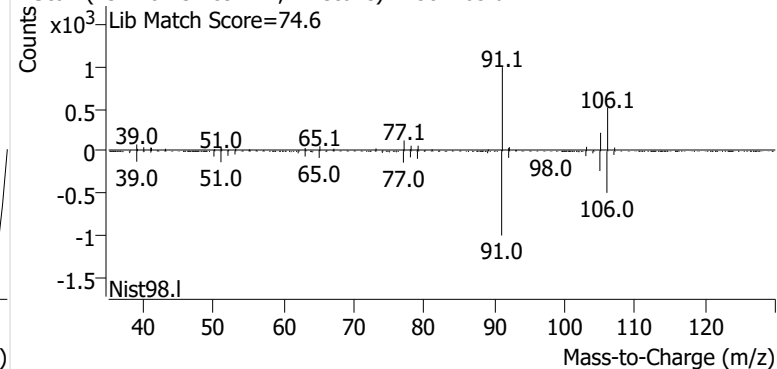
+ Scan (12.990-13.087 min, 13 scans) E2502165.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502165.d

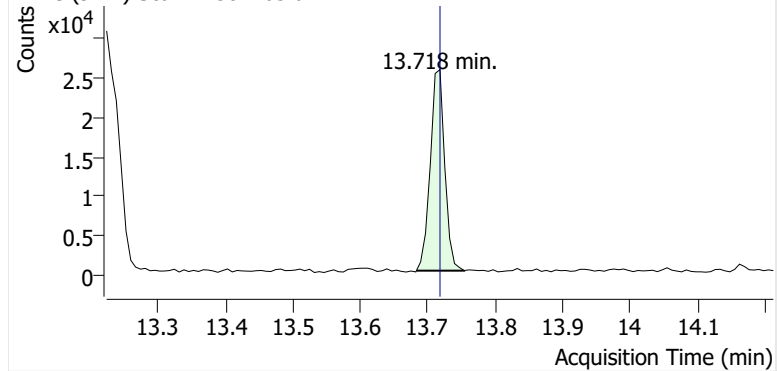


+ Scan (13.170-13.289 min, 17 scans) E2502165.d

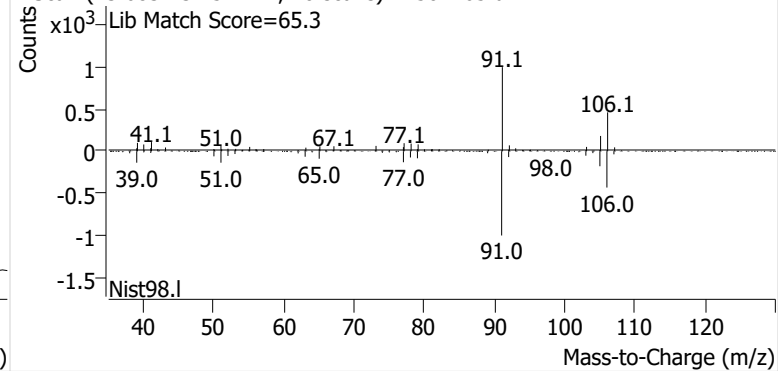


o-Xylene

+ EIC (91.1) Scan E2502165.d

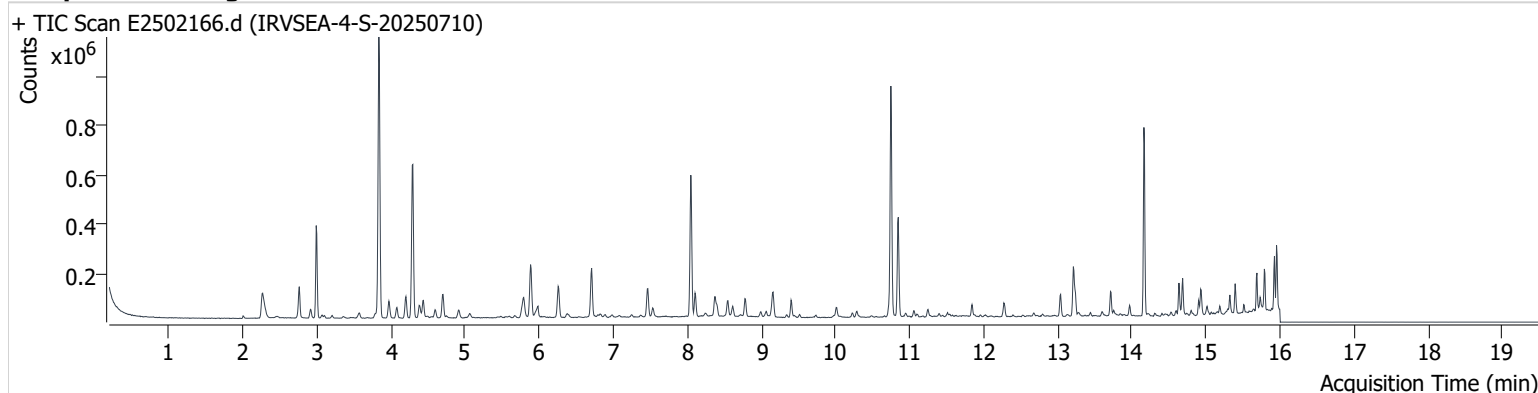


+ Scan (13.683-13.754 min, 10 scans) E2502165.d



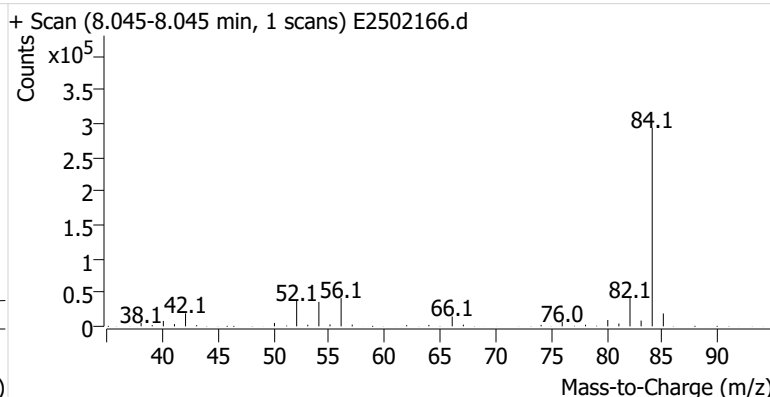
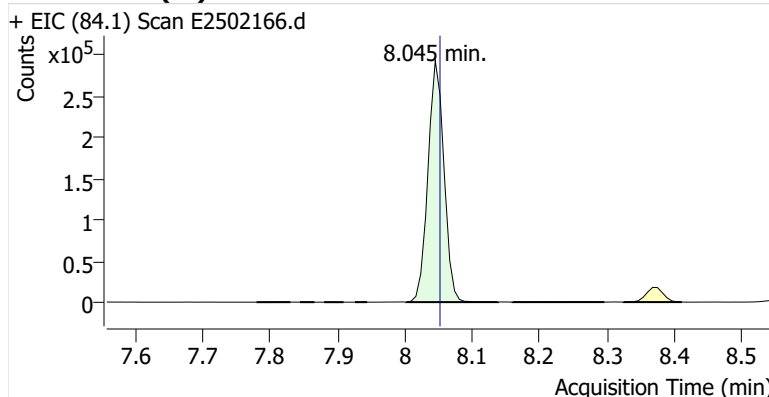
Name IRVSEA-4-S-20250710
Comment C39044
Data File E2502166.d
Acq. Date-Time 7/31/2025 4:38:16 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

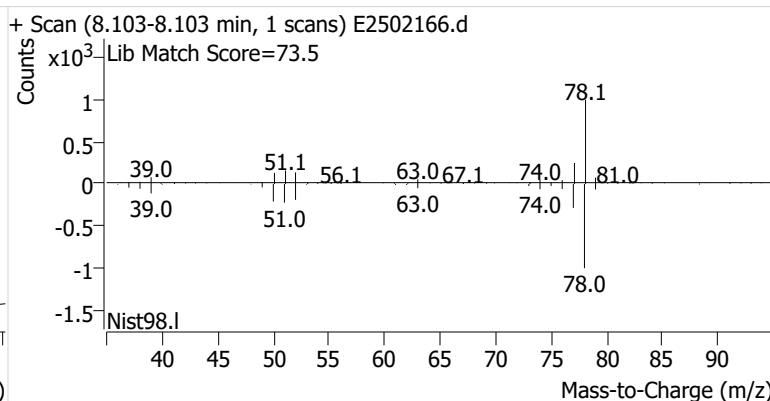
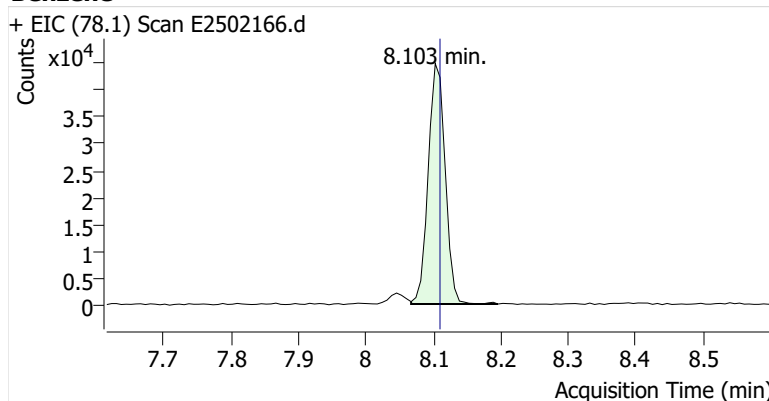


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	483,052	
Benzene	benzene-d6 (IS)	8.103	8.110	77,712	
Toluene-d8 (IS)		10.746	10.753	552,554	
Toluene	Toluene-d8 (IS)	10.846	10.846	247,708	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	57,417	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	152,949	
o-Xylene	Toluene-d8 (IS)	13.718	13.718	53,951	

benzene-d6 (IS)

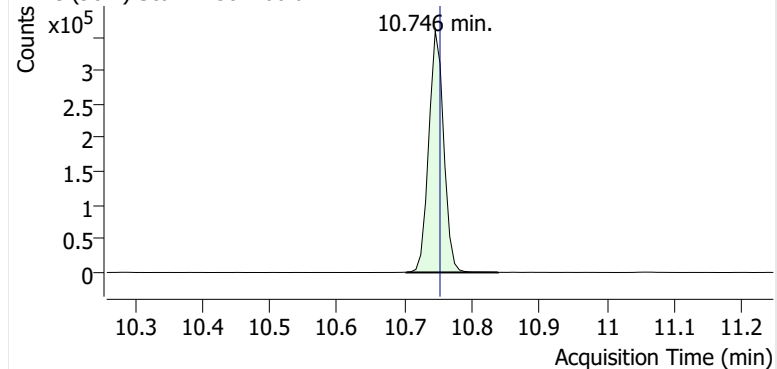


Benzene

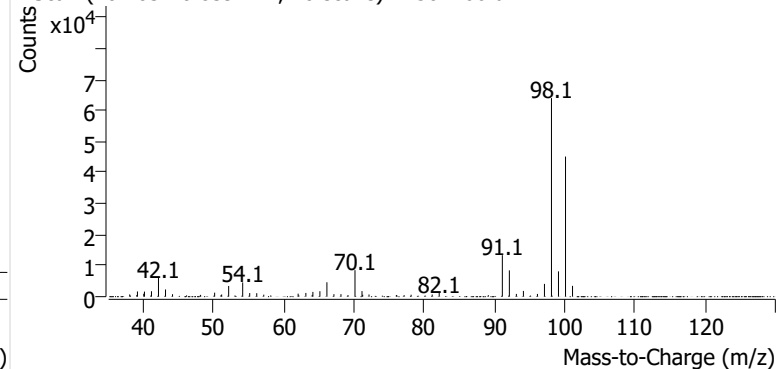


Toluene-d8 (IS)

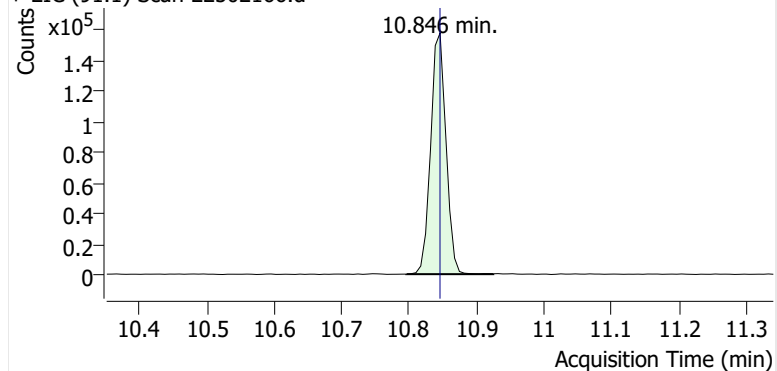
+ EIC (98.1) Scan E2502166.d



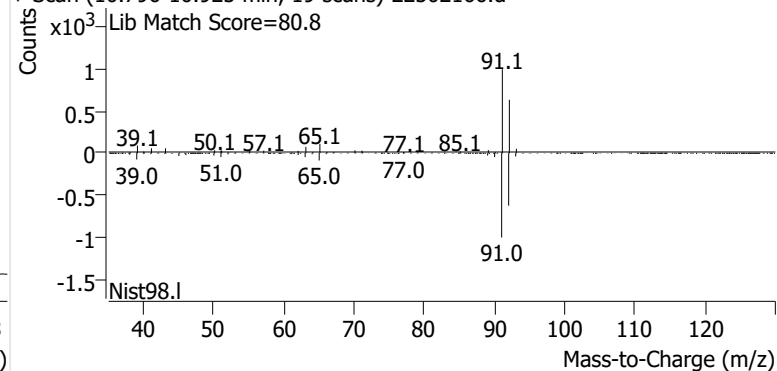
+ Scan (10.703-10.839 min, 20 scans) E2502166.d

**Toluene**

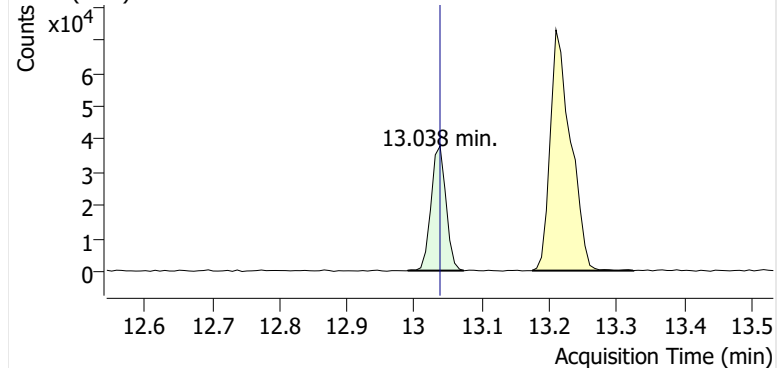
+ EIC (91.1) Scan E2502166.d



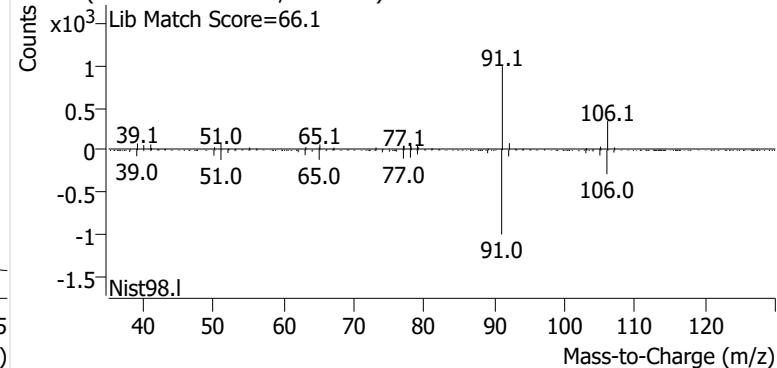
+ Scan (10.796-10.925 min, 19 scans) E2502166.d

**Ethylbenzene**

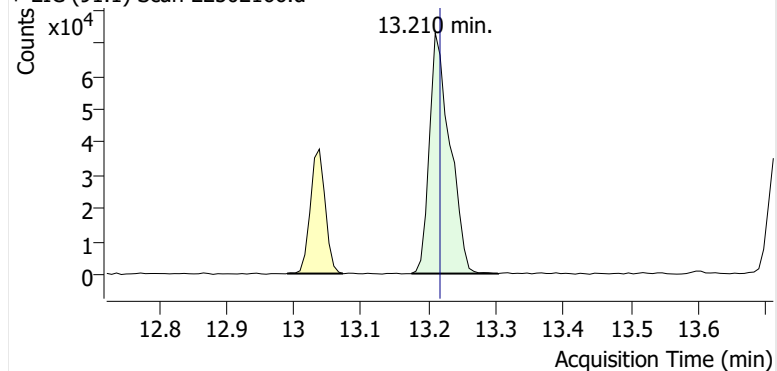
+ EIC (91.1) Scan E2502166.d



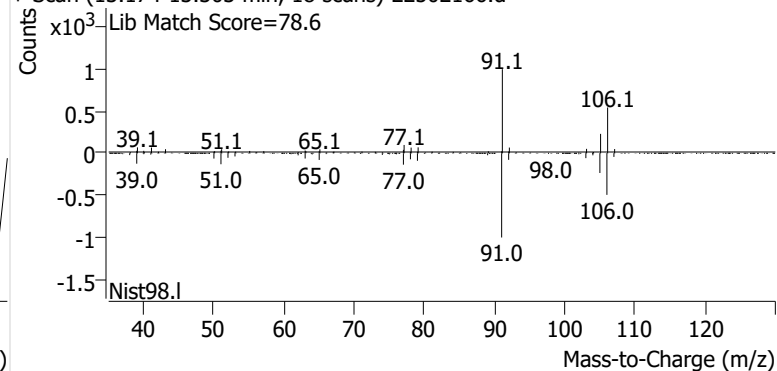
+ Scan (12.990-13.073 min, 11 scans) E2502166.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502166.d

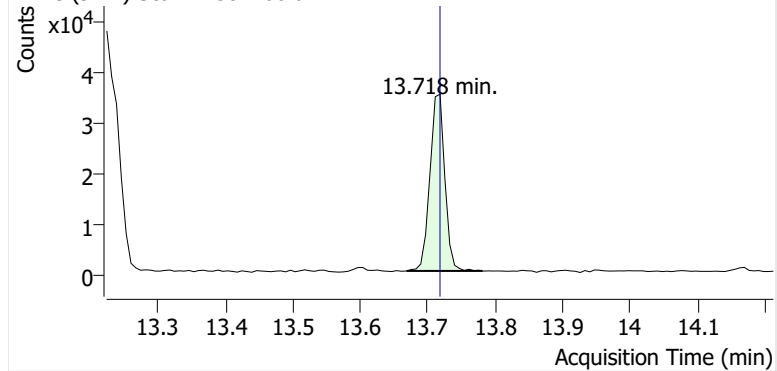


+ Scan (13.174-13.303 min, 18 scans) E2502166.d

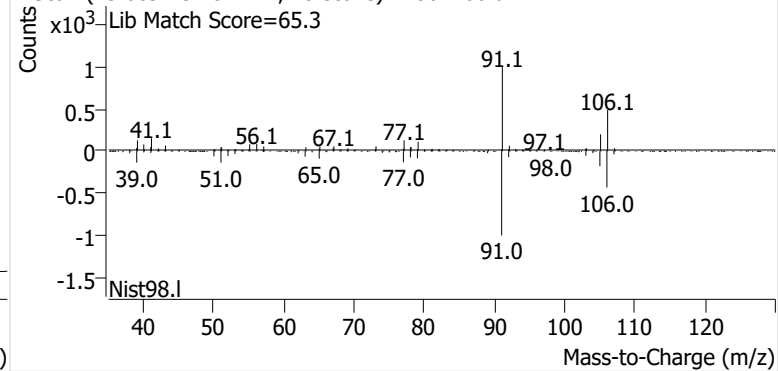


o-Xylene

+ EIC (91.1) Scan E2502166.d

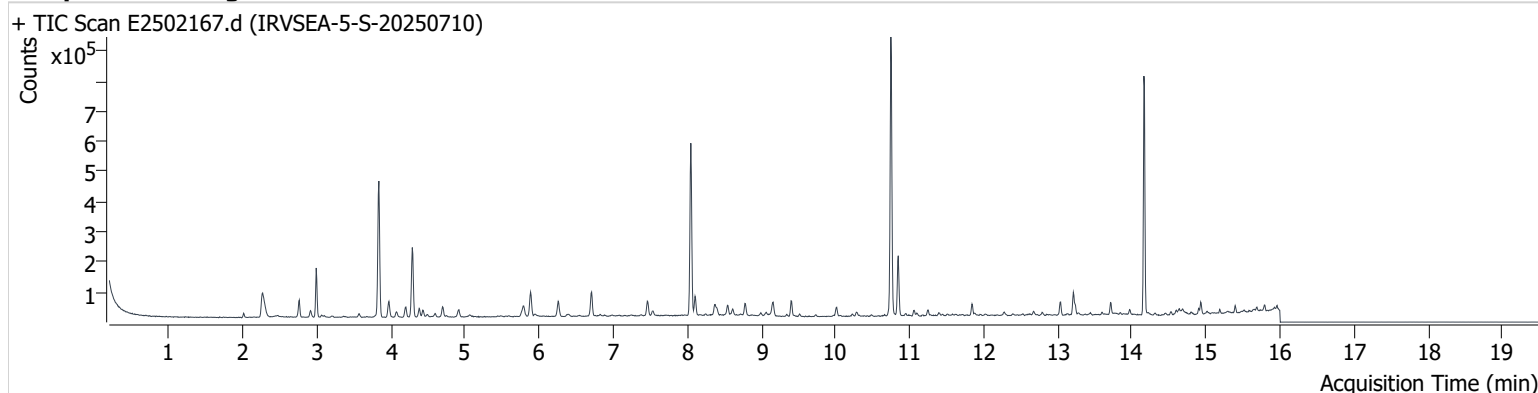


+ Scan (13.669-13.781 min, 15 scans) E2502166.d



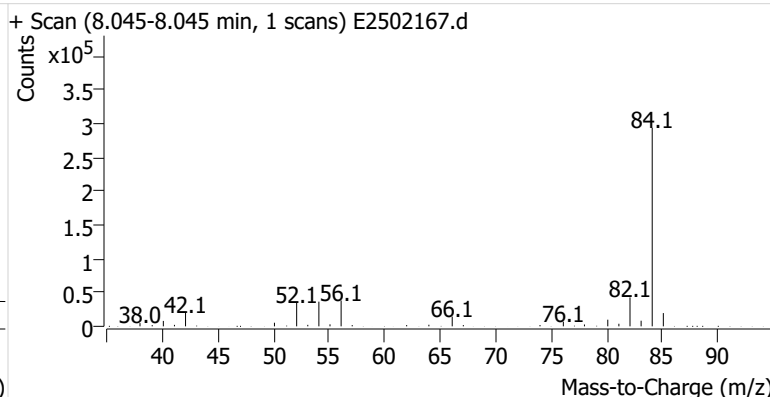
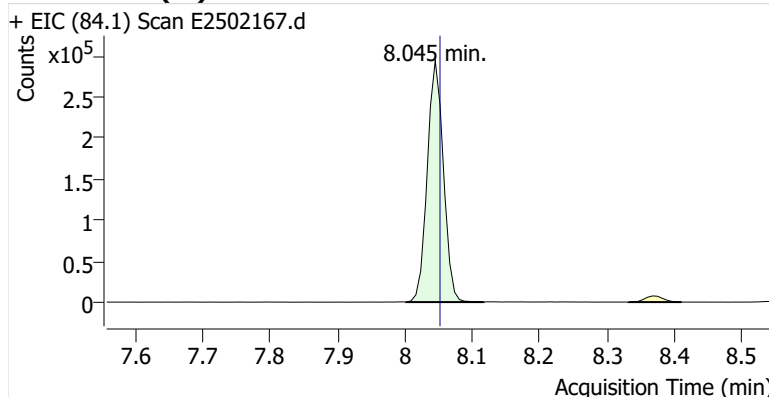
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Comment C24281
Data File E2502167.d
Acq. Date-Time 7/31/2025 5:03:44 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

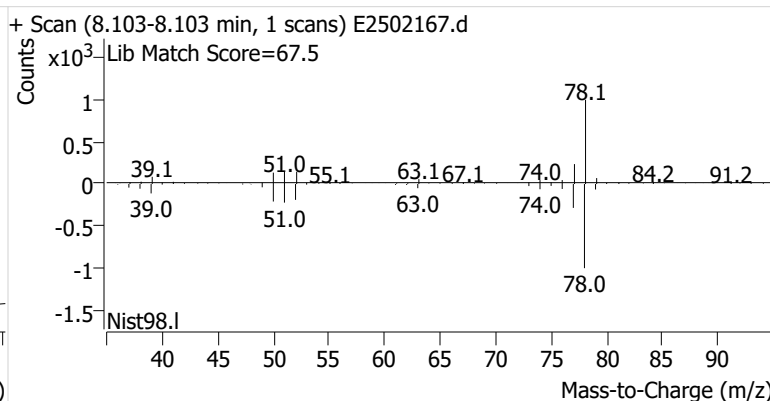
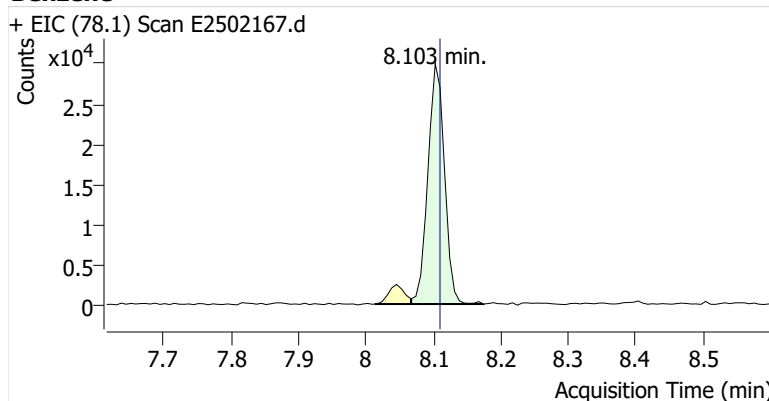


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	489,509	
Benzene	benzene-d6 (IS)	8.103	8.110	50,859	
Toluene-d8 (IS)		10.746	10.753	554,184	
Toluene	Toluene-d8 (IS)	10.846	10.846	122,705	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	28,960	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	54,285	
o-Xylene	Toluene-d8 (IS)	13.718	13.718	20,942	

benzene-d6 (IS)

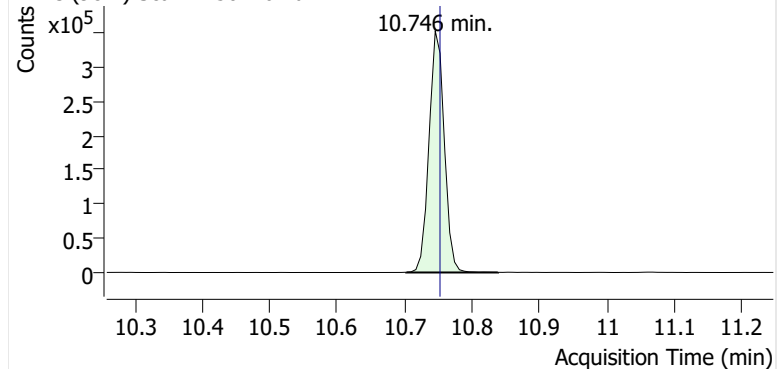


Benzene

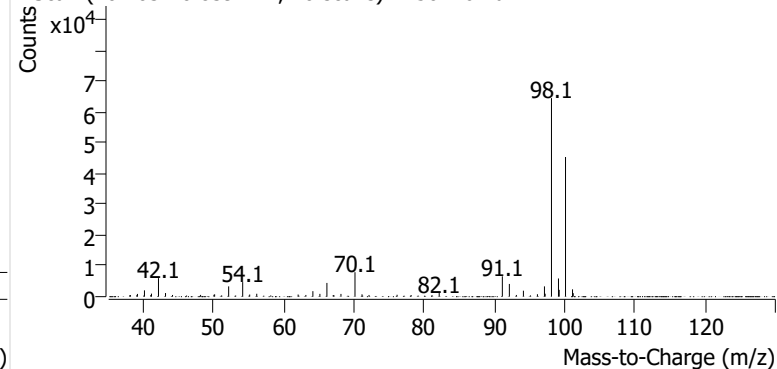


Toluene-d8 (IS)

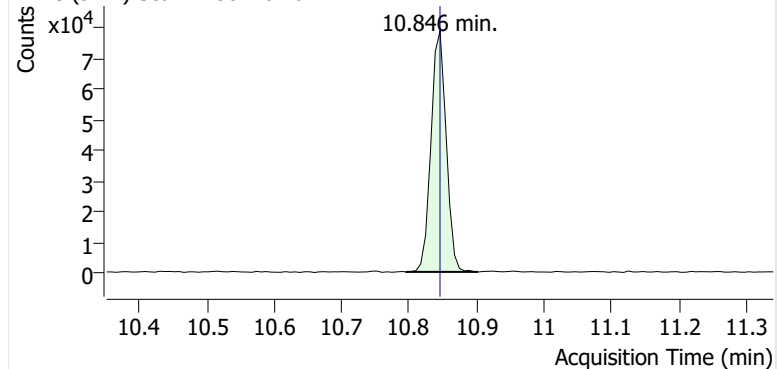
+ EIC (98.1) Scan E2502167.d



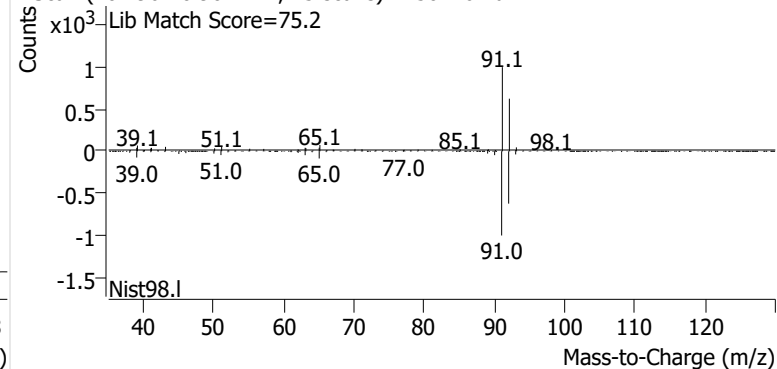
+ Scan (10.703-10.839 min, 20 scans) E2502167.d

**Toluene**

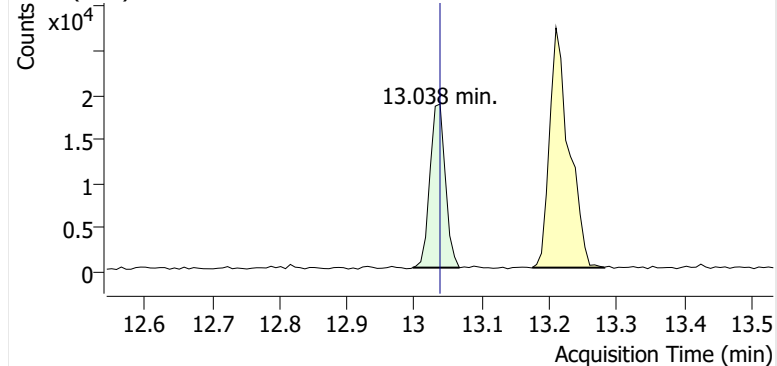
+ EIC (91.1) Scan E2502167.d



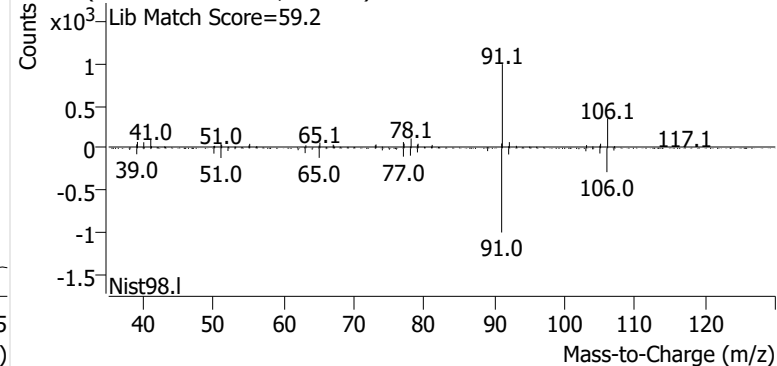
+ Scan (10.796-10.902 min, 15 scans) E2502167.d

**Ethylbenzene**

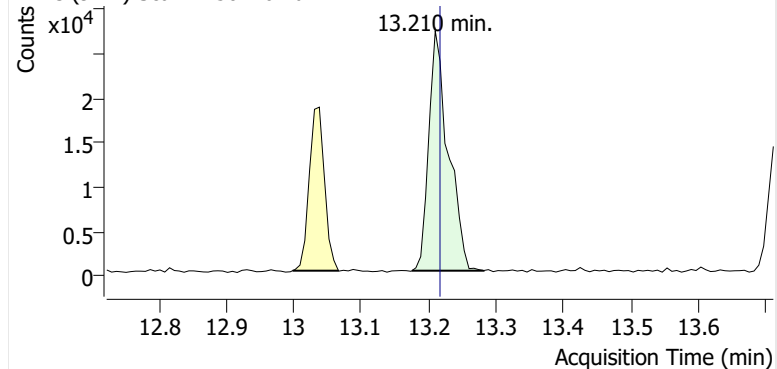
+ EIC (91.1) Scan E2502167.d



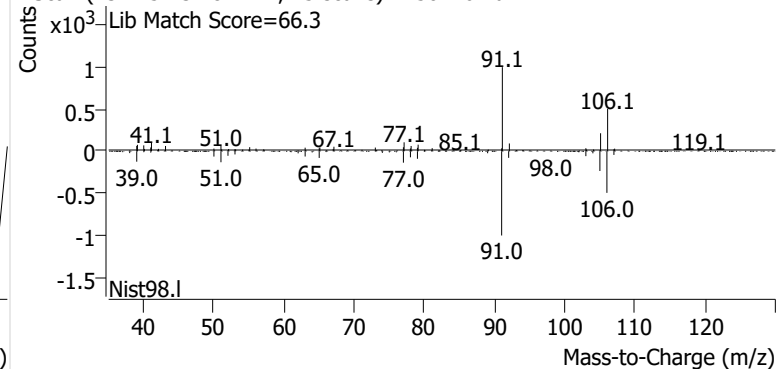
+ Scan (12.997-13.066 min, 9 scans) E2502167.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502167.d

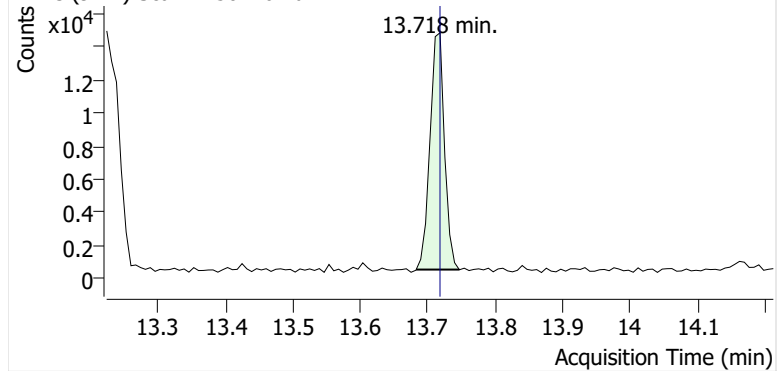


+ Scan (13.175-13.281 min, 15 scans) E2502167.d

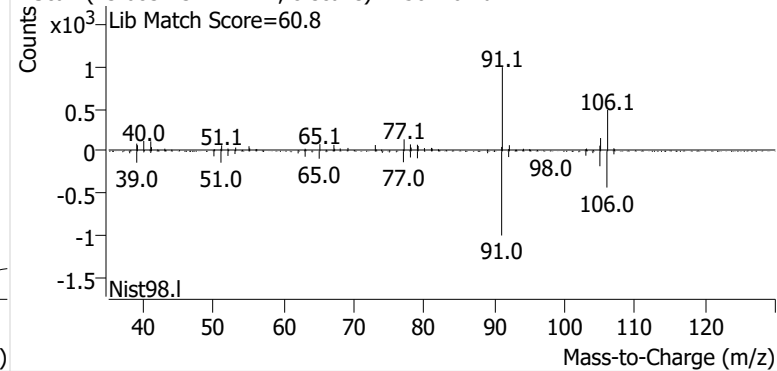


o-Xylene

+ EIC (91.1) Scan E2502167.d

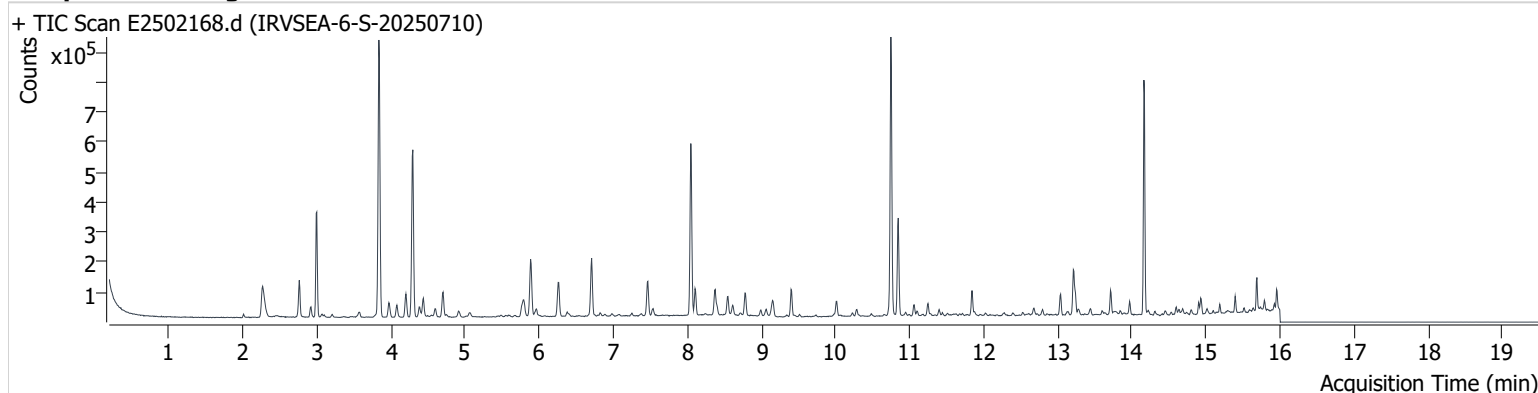


+ Scan (13.683-13.747 min, 8 scans) E2502167.d



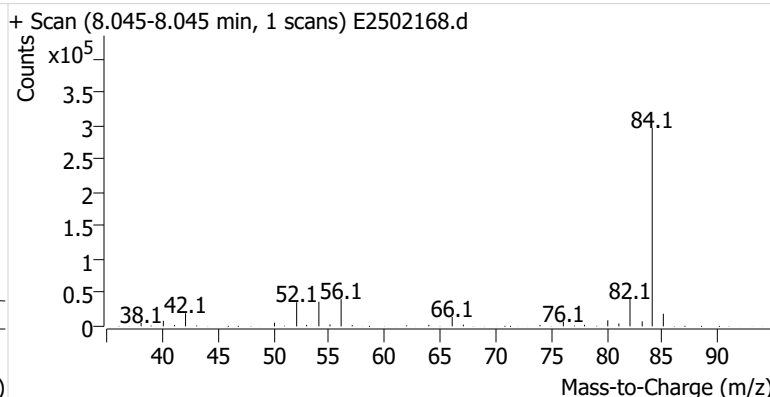
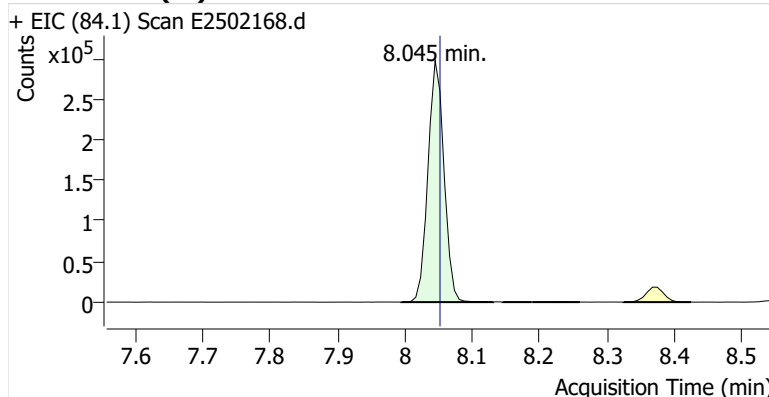
Name IRVSEA-6-S-20250710
Comment C55325
Data File E2502168.d
Acq. Date-Time 7/31/2025 5:30:08 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

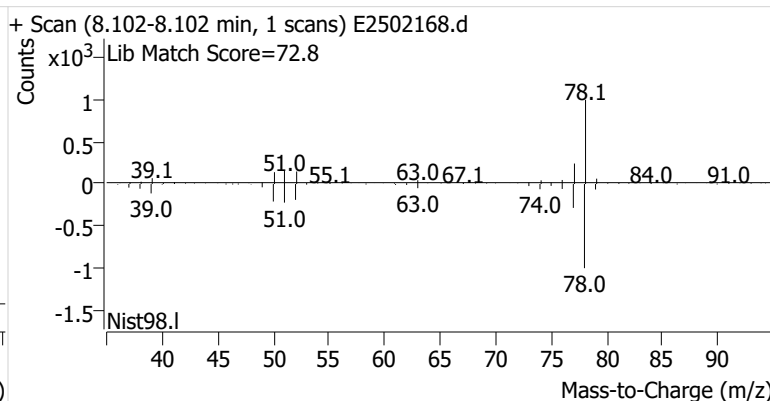
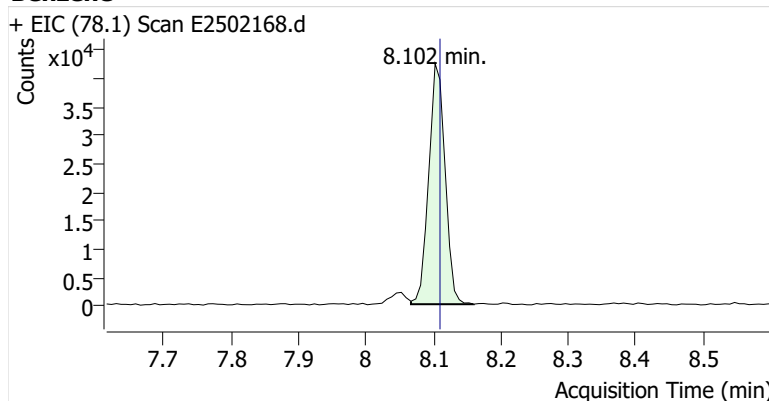


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	490,418	
Benzene	benzene-d6 (IS)	8.102	8.110	71,283	
Toluene-d8 (IS)		10.746	10.753	554,423	
Toluene	Toluene-d8 (IS)	10.846	10.846	206,404	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	45,722	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	119,121	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	41,510	

benzene-d6 (IS)

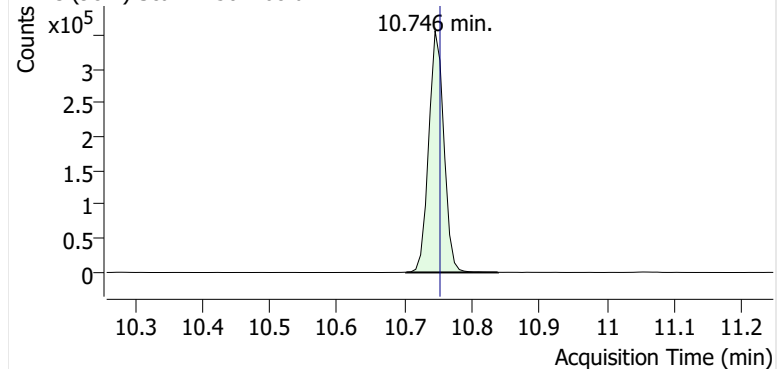


Benzene

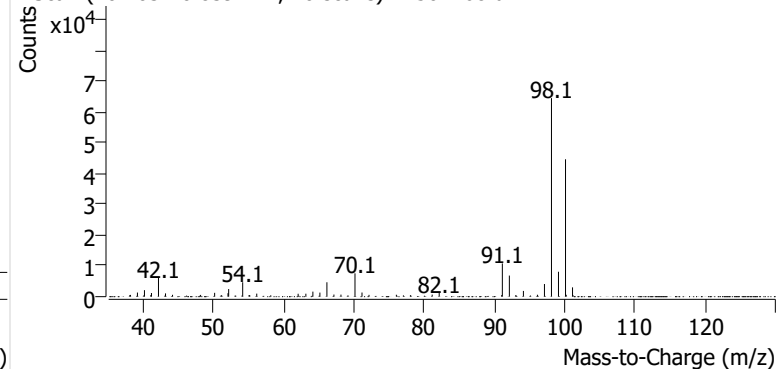


Toluene-d8 (IS)

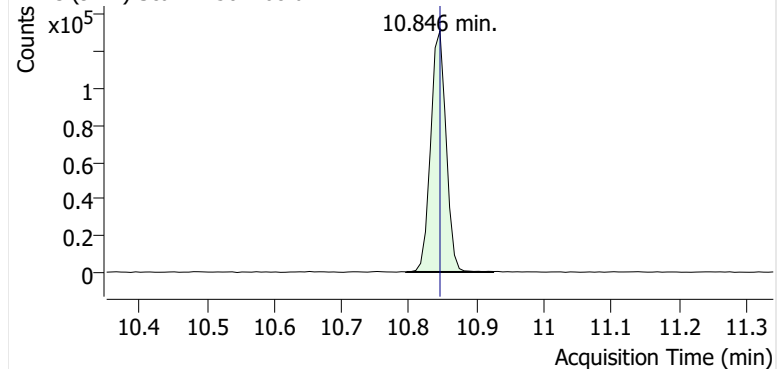
+ EIC (98.1) Scan E2502168.d



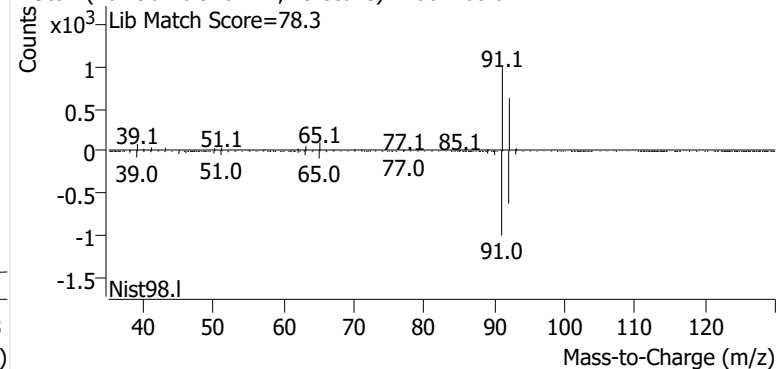
+ Scan (10.703-10.839 min, 20 scans) E2502168.d

**Toluene**

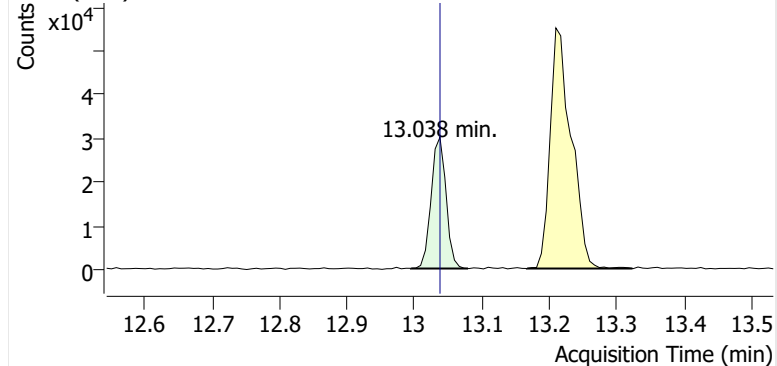
+ EIC (91.1) Scan E2502168.d



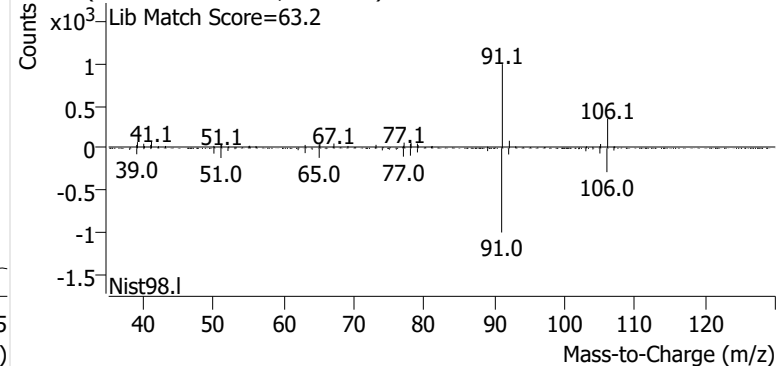
+ Scan (10.796-10.925 min, 19 scans) E2502168.d

**Ethylbenzene**

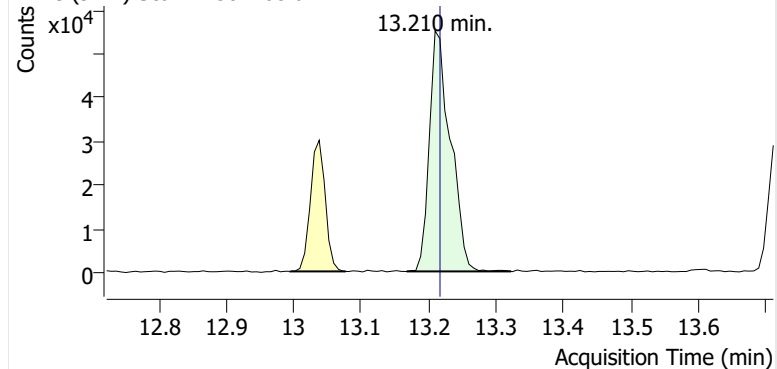
+ EIC (91.1) Scan E2502168.d



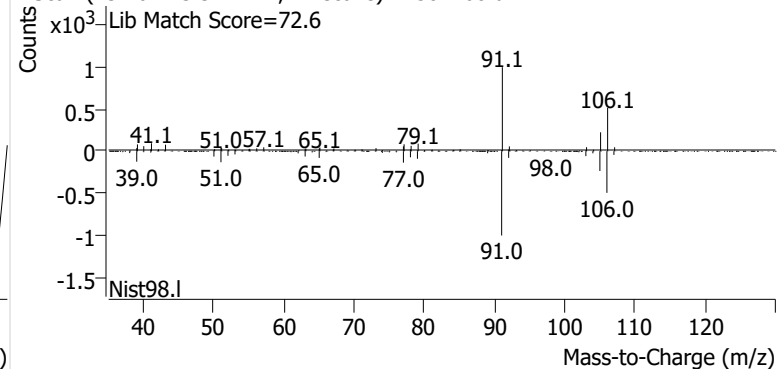
+ Scan (12.995-13.079 min, 12 scans) E2502168.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502168.d

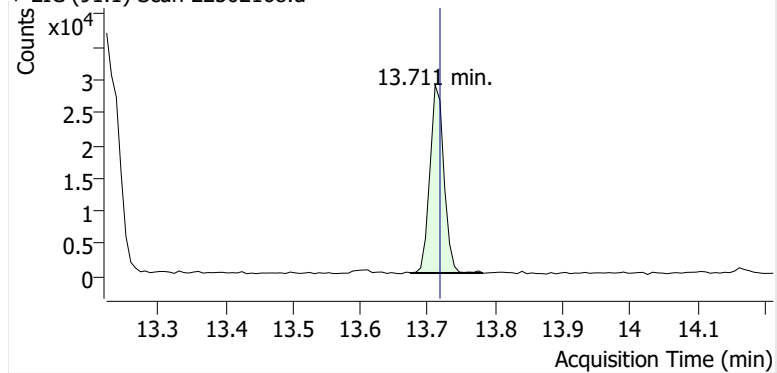


+ Scan (13.167-13.322 min, 21 scans) E2502168.d

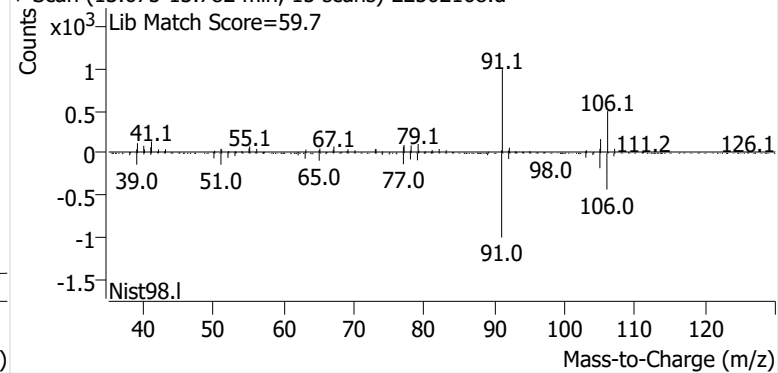


o-Xylene

+ EIC (91.1) Scan E2502168.d

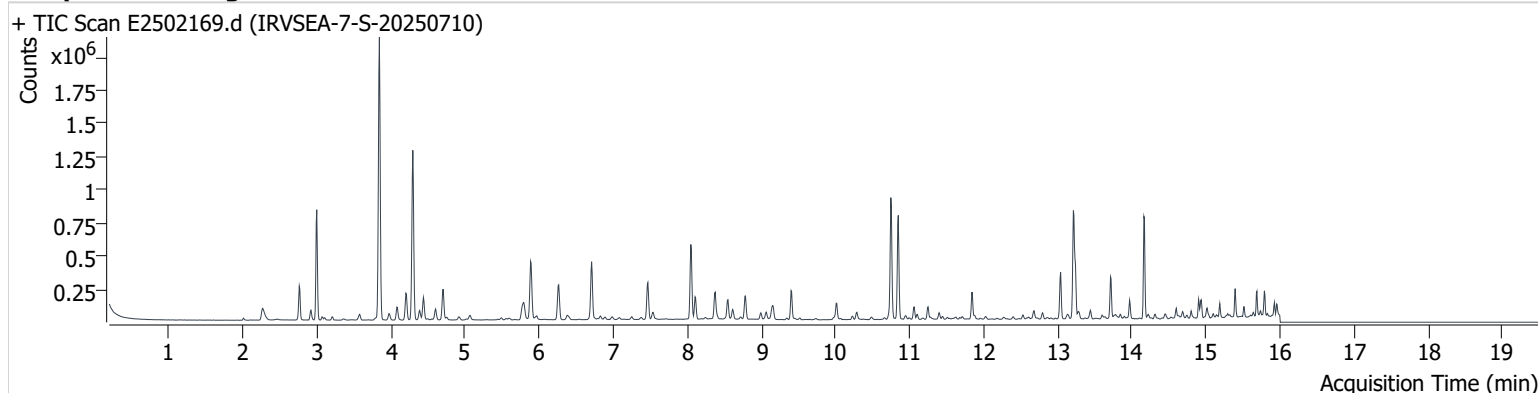


+ Scan (13.675-13.782 min, 15 scans) E2502168.d



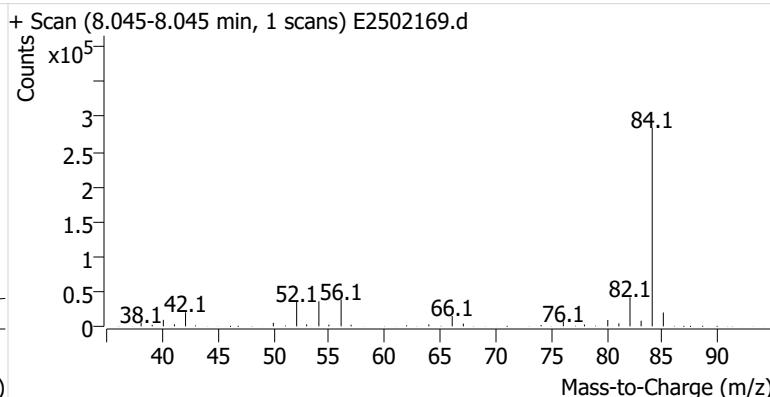
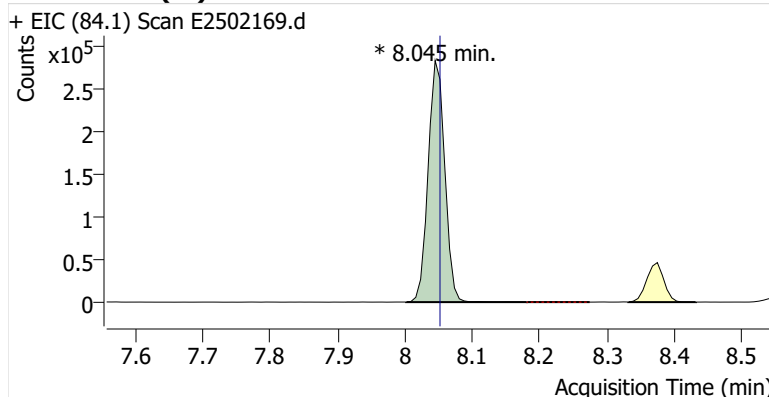
Name IRVSEA-7-S-20250710
Comment C53575
Data File E2502169.d
Acq. Date-Time 7/31/2025 5:55:44 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

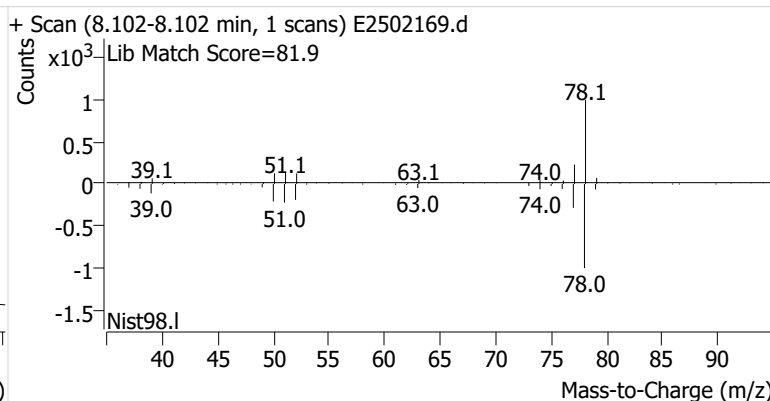
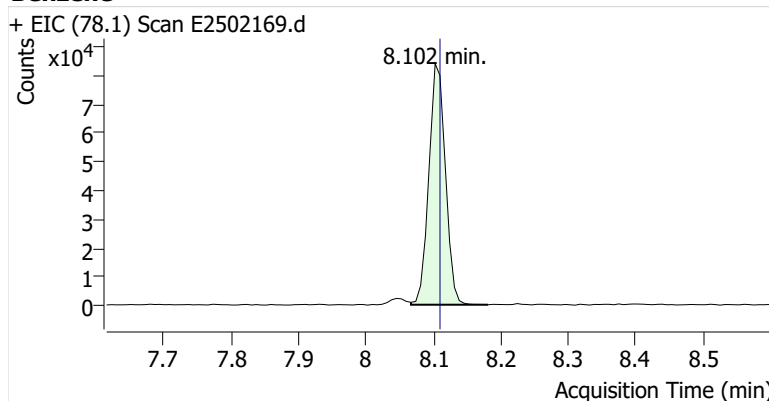


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	486,554	m
Benzene	benzene-d6 (IS)	8.102	8.110	142,547	
Toluene-d8 (IS)		10.746	10.753	553,448	
Toluene	Toluene-d8 (IS)	10.846	10.846	496,824	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	230,051	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	649,548	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	172,354	

benzene-d6 (IS)

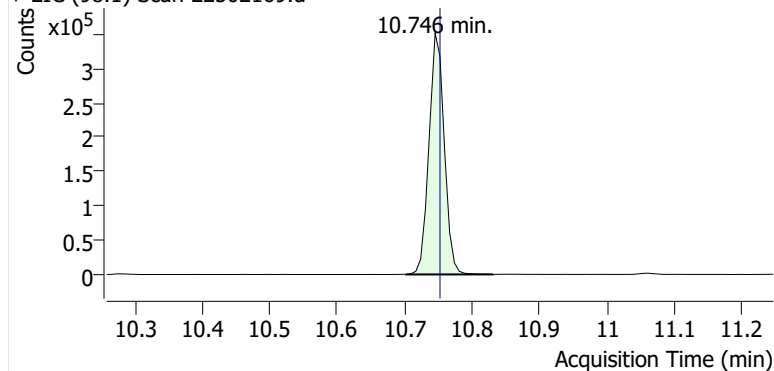


Benzene

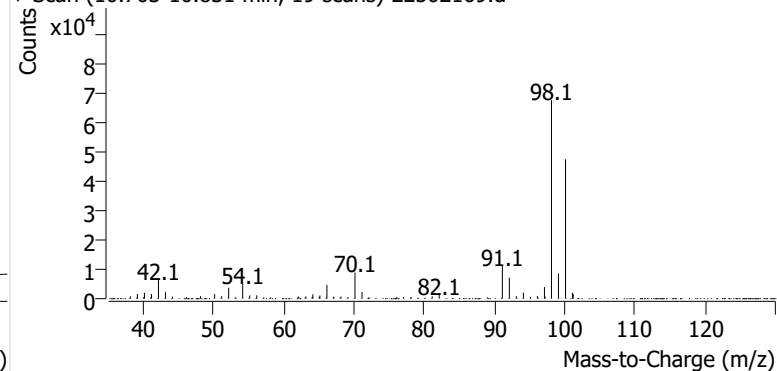


Toluene-d8 (IS)

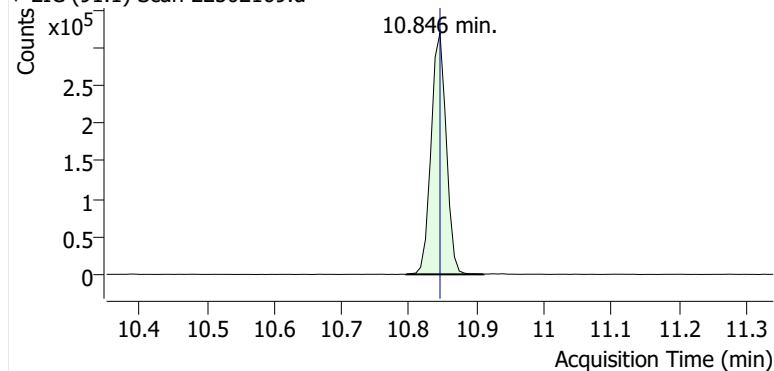
+ EIC (98.1) Scan E2502169.d



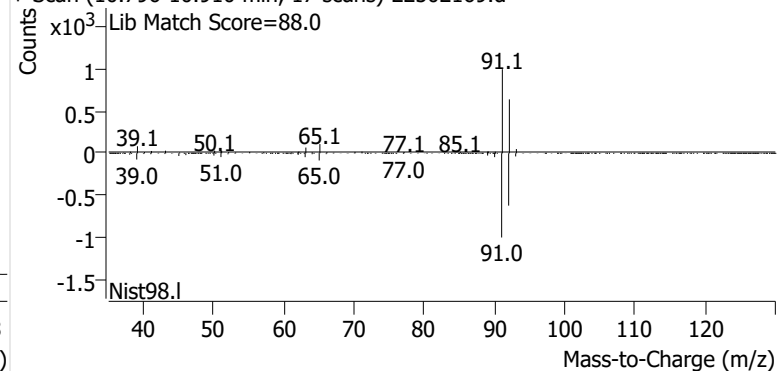
+ Scan (10.703-10.831 min, 19 scans) E2502169.d

**Toluene**

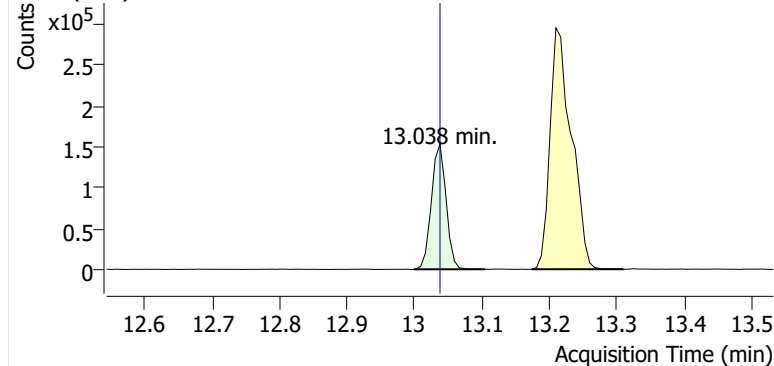
+ EIC (91.1) Scan E2502169.d



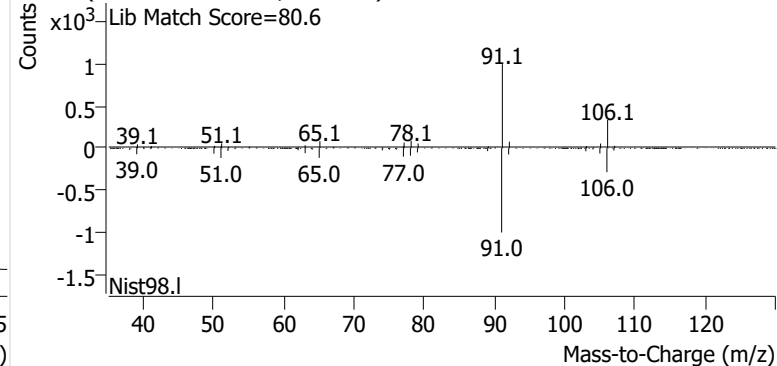
+ Scan (10.796-10.910 min, 17 scans) E2502169.d

**Ethylbenzene**

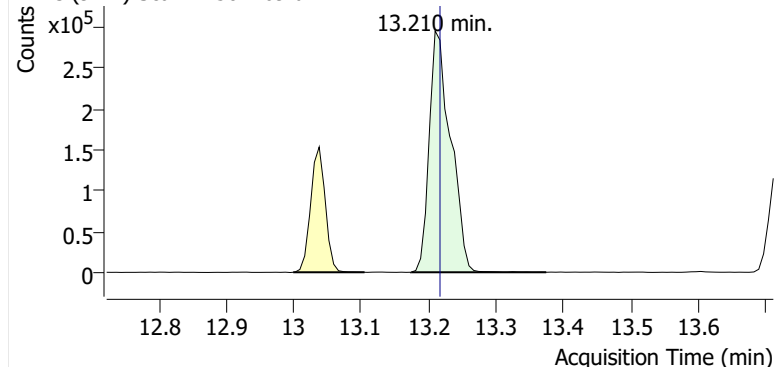
+ EIC (91.1) Scan E2502169.d



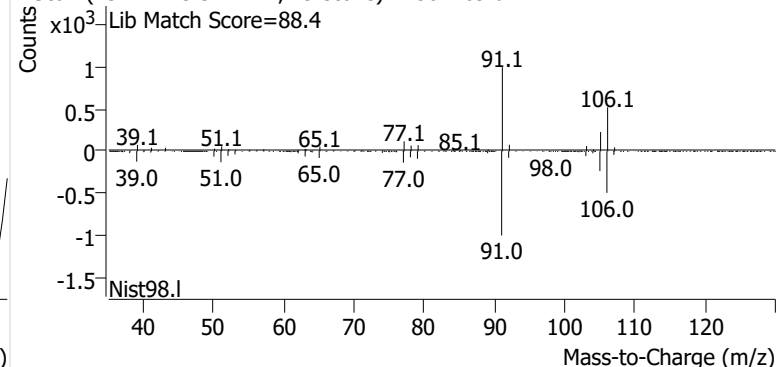
+ Scan (12.999-13.105 min, 15 scans) E2502169.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502169.d

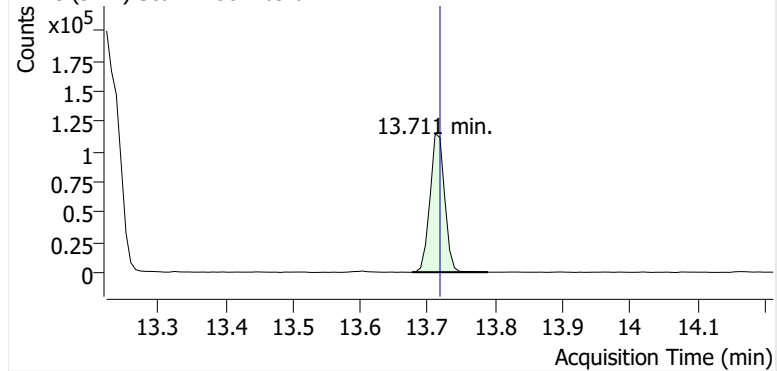


+ Scan (13.174-13.374 min, 29 scans) E2502169.d

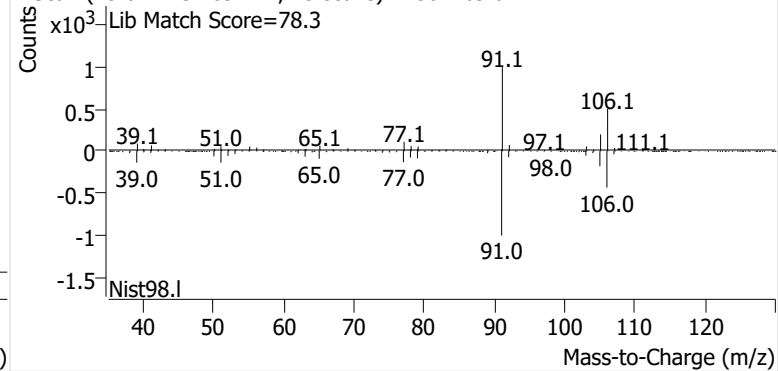


o-Xylene

+ EIC (91.1) Scan E2502169.d

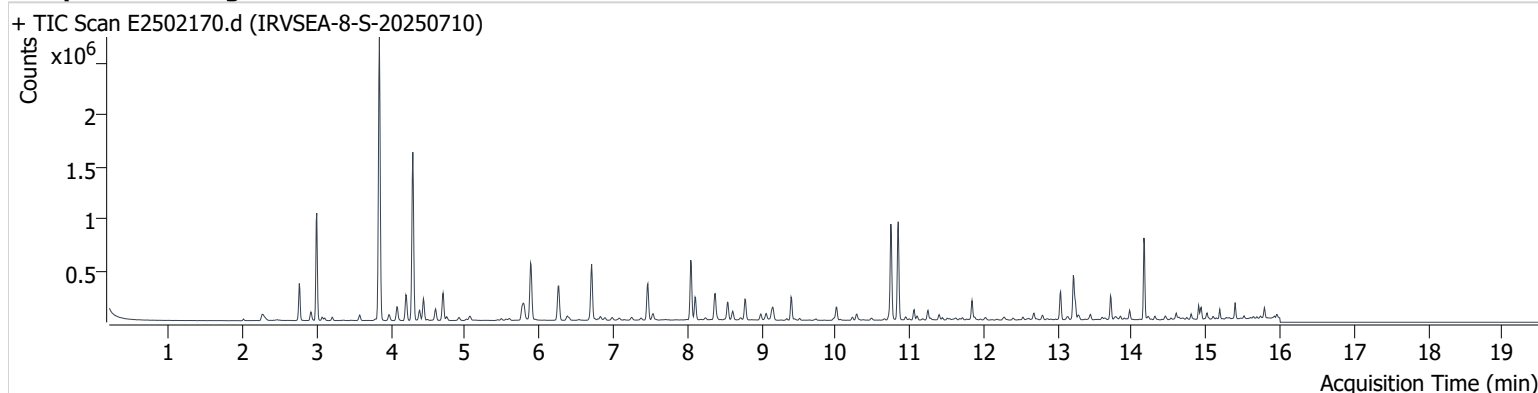


+ Scan (13.677-13.789 min, 15 scans) E2502169.d



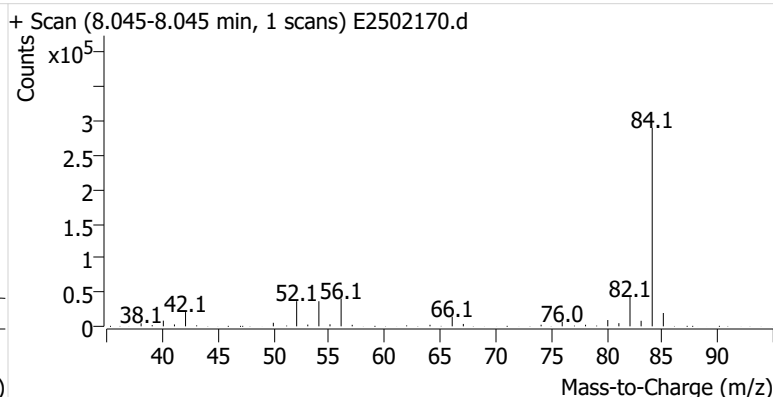
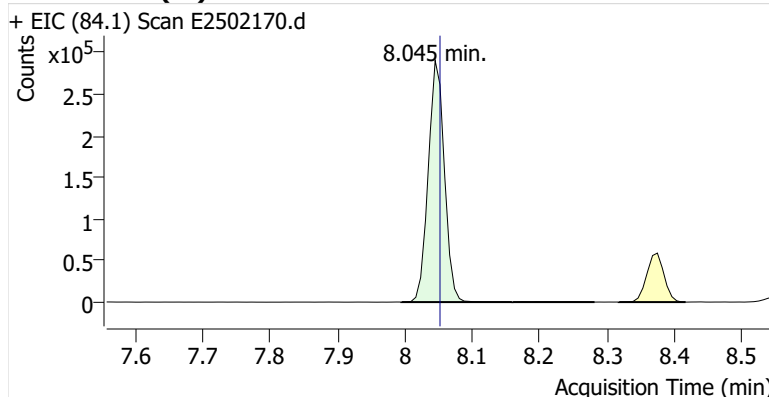
Name IRVSEA-8-S-20250710
Comment B47138
Data File E2502170.d
Acq. Date-Time 7/31/2025 6:21:19 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

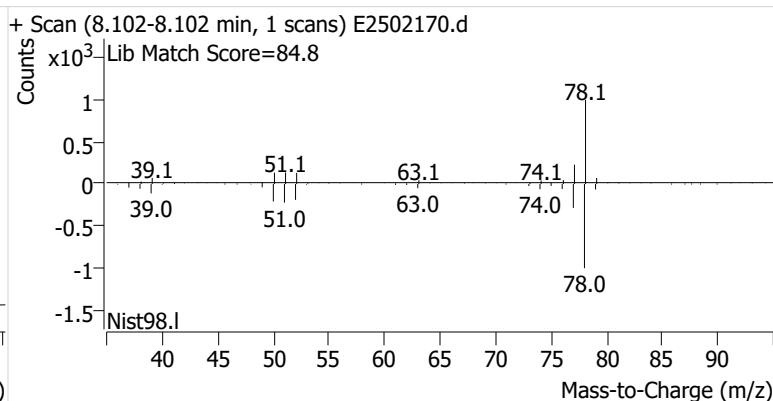
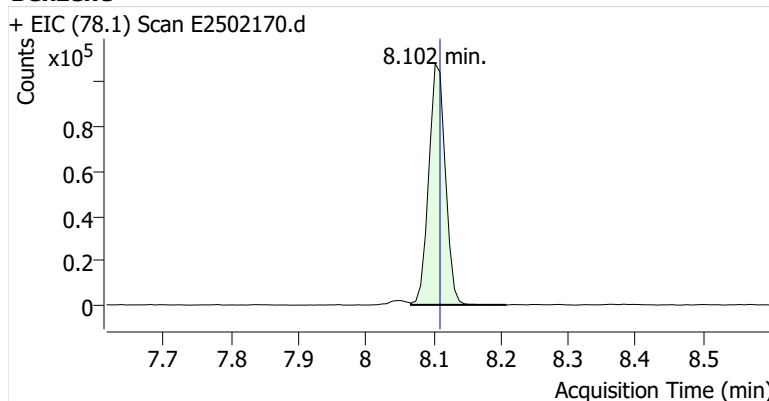


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	482,594	
Benzene	benzene-d6 (IS)	8.102	8.110	183,913	
Toluene-d8 (IS)		10.746	10.753	549,103	
Toluene	Toluene-d8 (IS)	10.846	10.846	607,436	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	180,324	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	309,763	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	121,702	

benzene-d6 (IS)

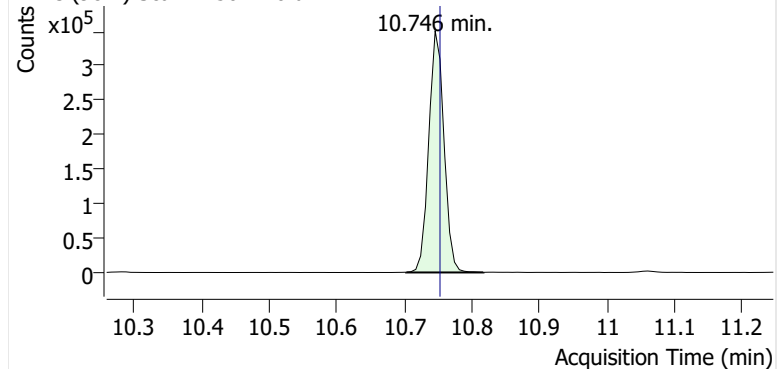


Benzene

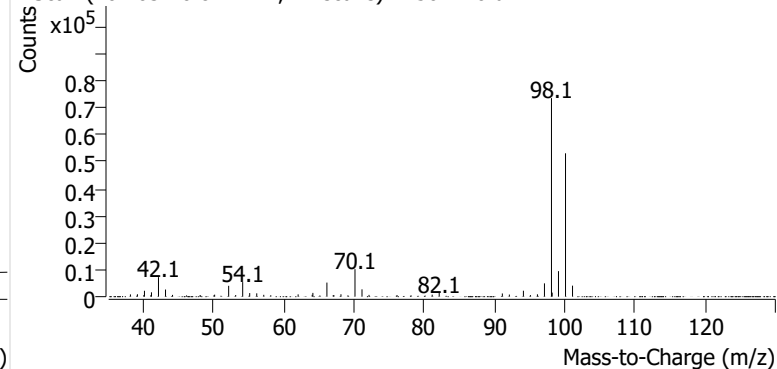


Toluene-d8 (IS)

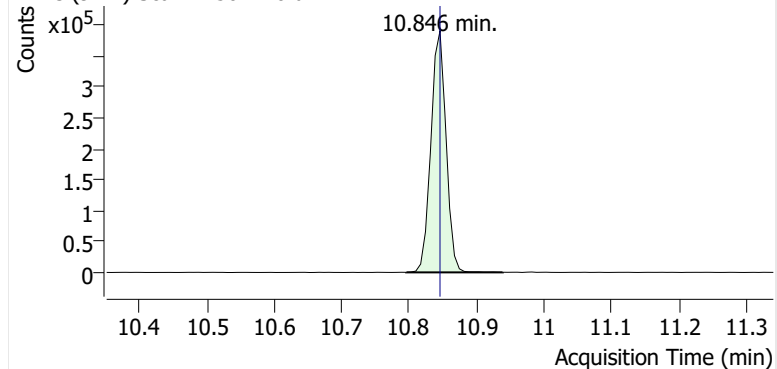
+ EIC (98.1) Scan E2502170.d



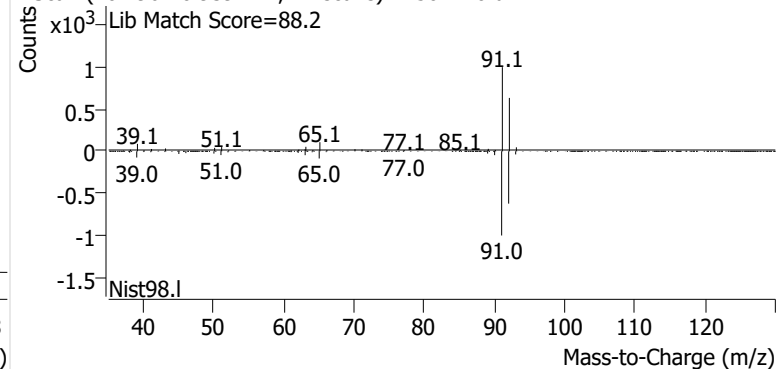
+ Scan (10.703-10.817 min, 17 scans) E2502170.d

**Toluene**

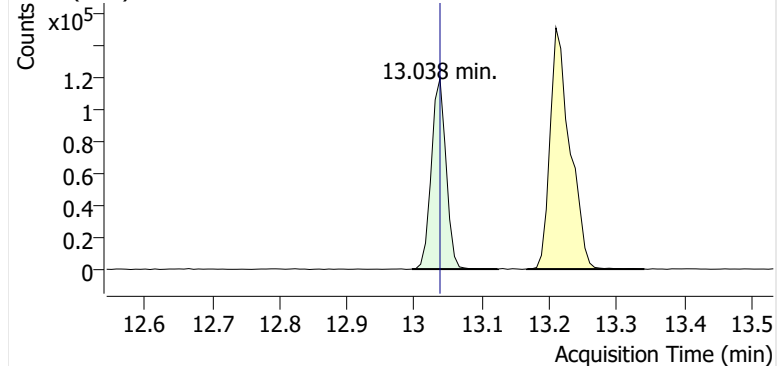
+ EIC (91.1) Scan E2502170.d



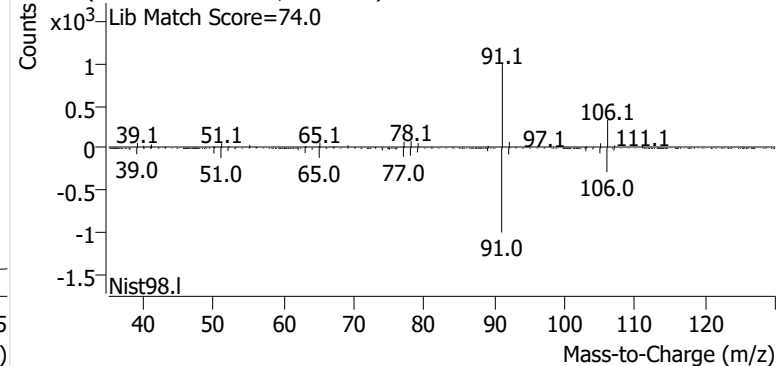
+ Scan (10.796-10.939 min, 21 scans) E2502170.d

**Ethylbenzene**

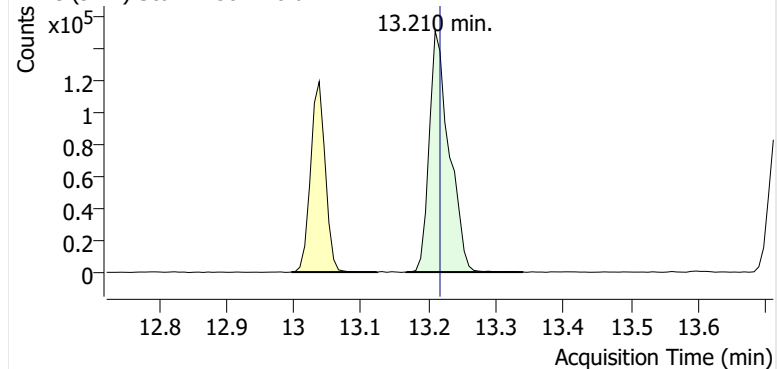
+ EIC (91.1) Scan E2502170.d



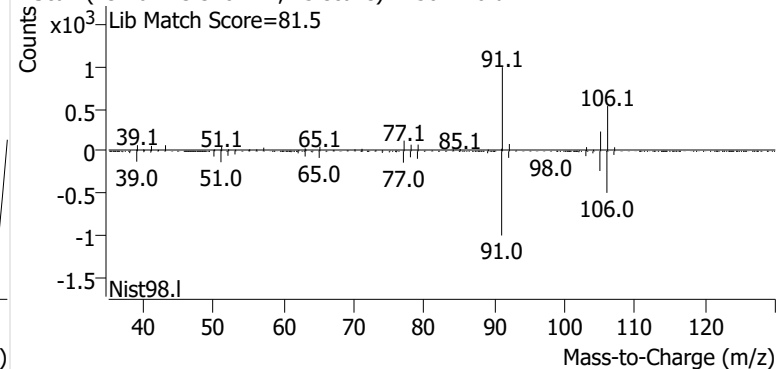
+ Scan (12.996-13.124 min, 18 scans) E2502170.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502170.d

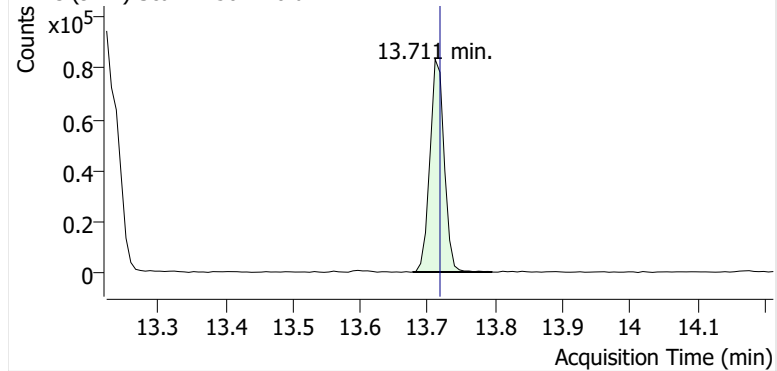


+ Scan (13.167-13.340 min, 25 scans) E2502170.d

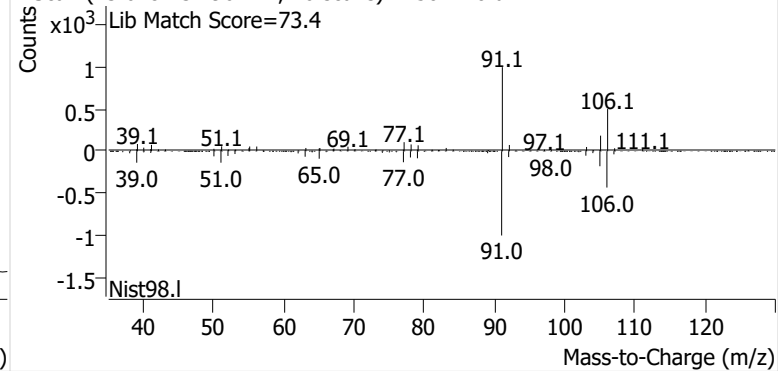


o-Xylene

+ EIC (91.1) Scan E2502170.d

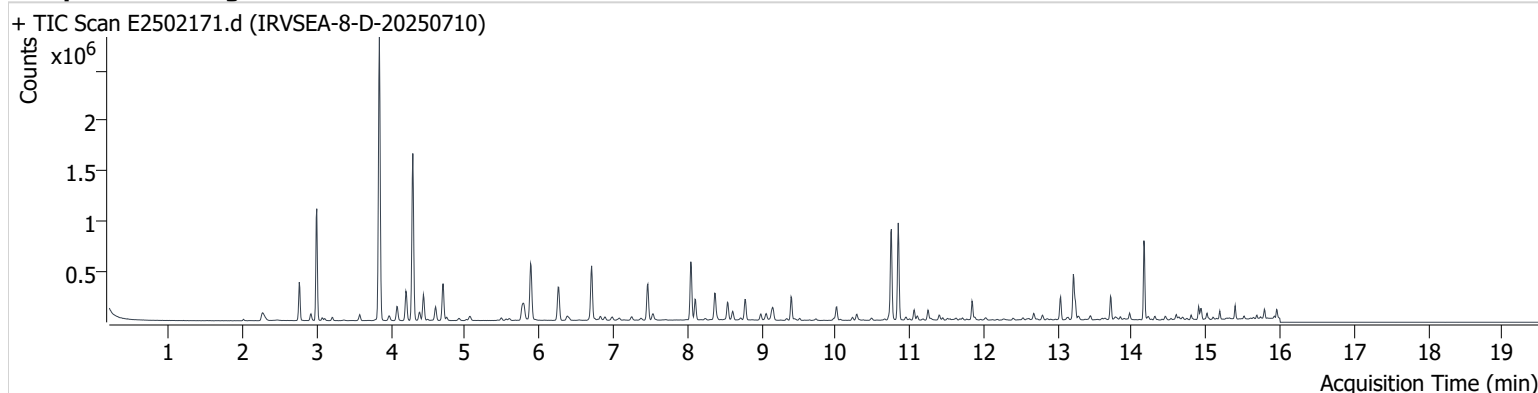


+ Scan (13.678-13.796 min, 16 scans) E2502170.d



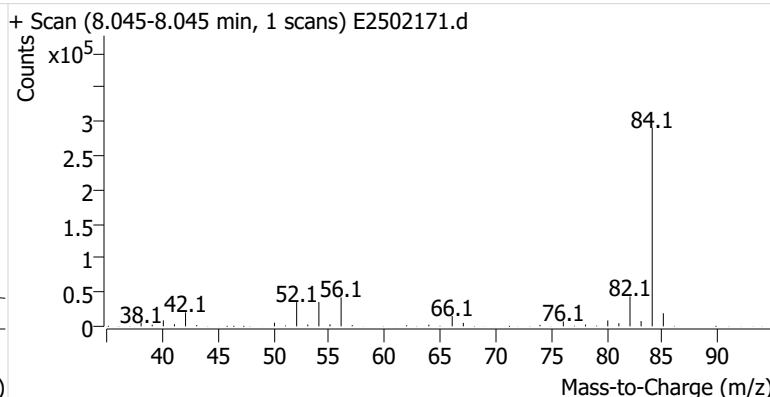
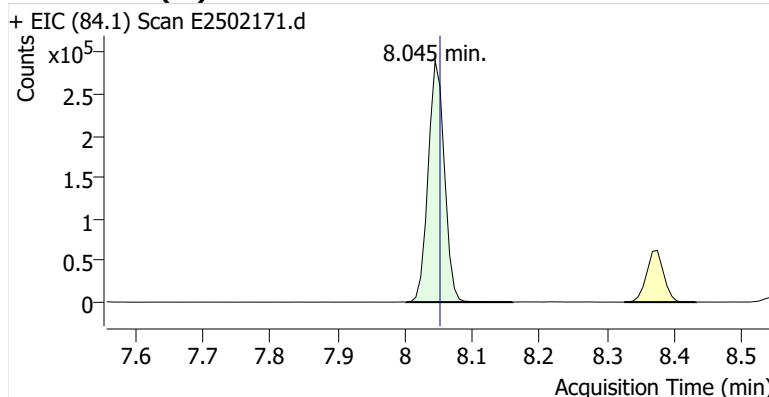
Name IRVSEA-8-D-20250710
Comment B42298
Data File E2502171.d
Acq. Date-Time 7/31/2025 6:46:52 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

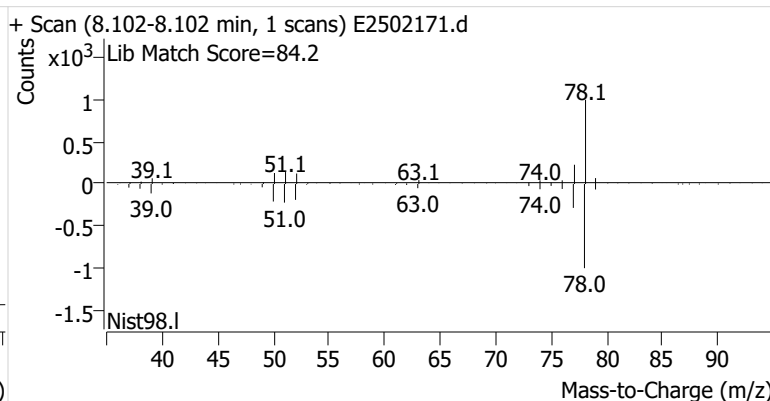
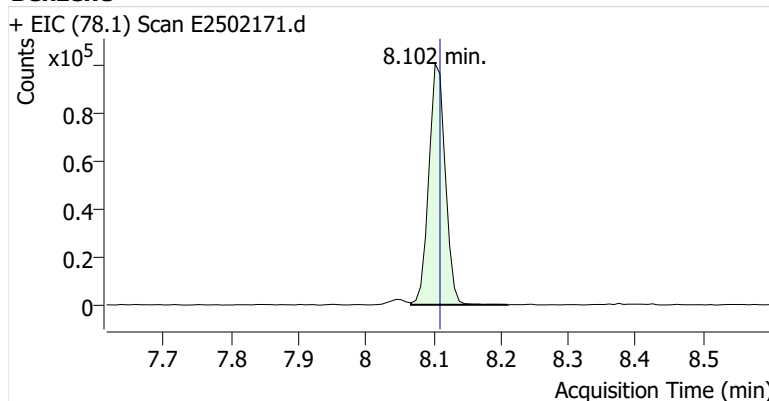


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	484,451	
Benzene	benzene-d6 (IS)	8.102	8.110	169,835	
Toluene-d8 (IS)		10.753	10.753	553,576	
Toluene	Toluene-d8 (IS)	10.846	10.846	607,228	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	147,086	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	329,212	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	126,112	

benzene-d6 (IS)

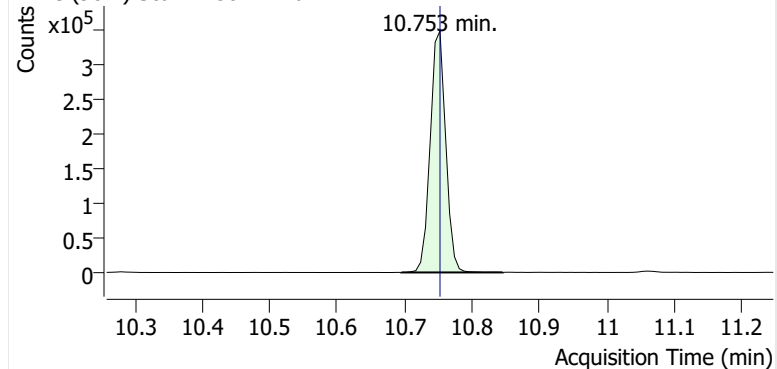


Benzene

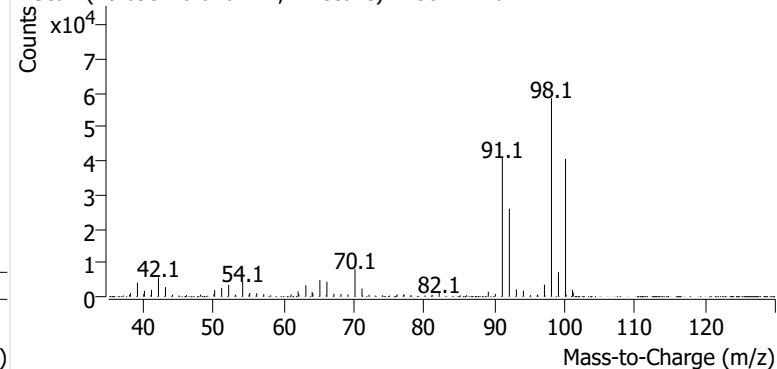


Toluene-d8 (IS)

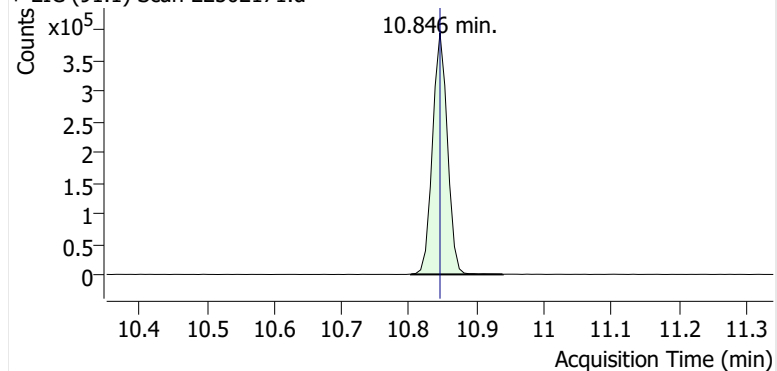
+ EIC (98.1) Scan E2502171.d



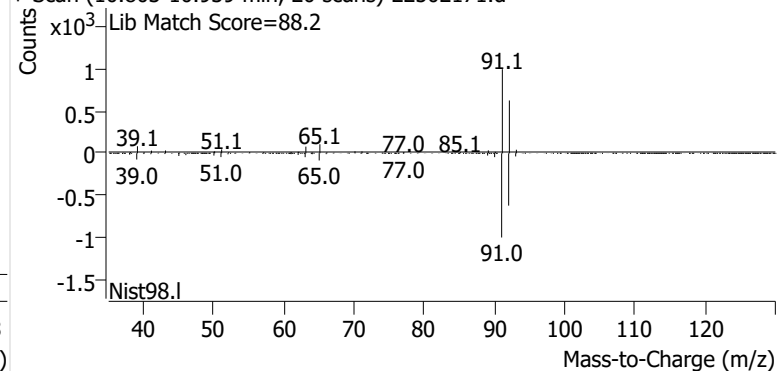
+ Scan (10.695-10.846 min, 22 scans) E2502171.d

**Toluene**

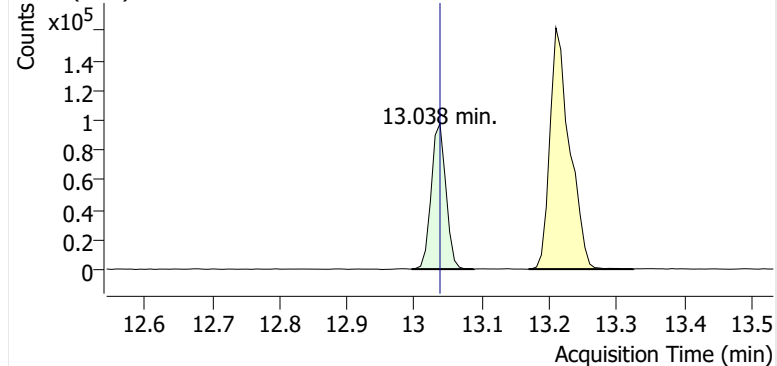
+ EIC (91.1) Scan E2502171.d



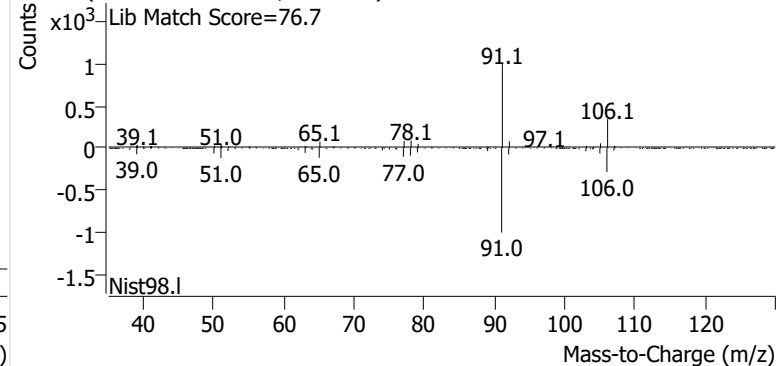
+ Scan (10.803-10.939 min, 20 scans) E2502171.d

**Ethylbenzene**

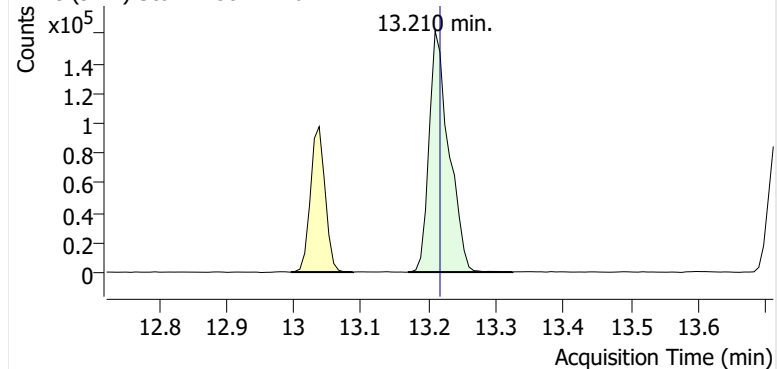
+ EIC (91.1) Scan E2502171.d



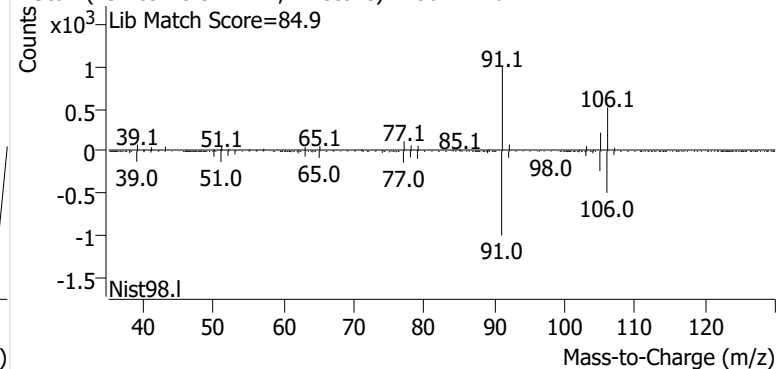
+ Scan (12.996-13.088 min, 13 scans) E2502171.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502171.d

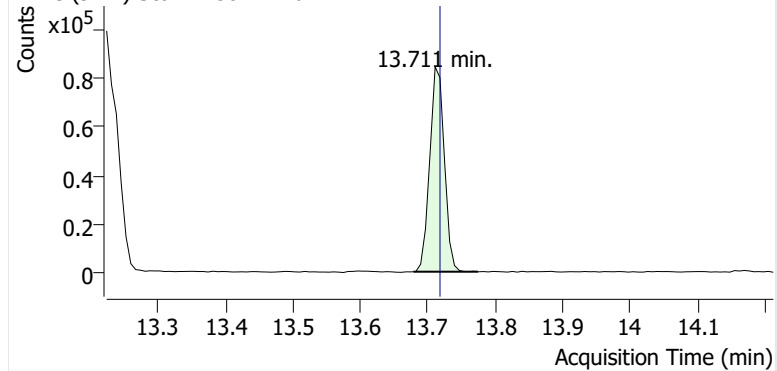


+ Scan (13.169-13.324 min, 22 scans) E2502171.d

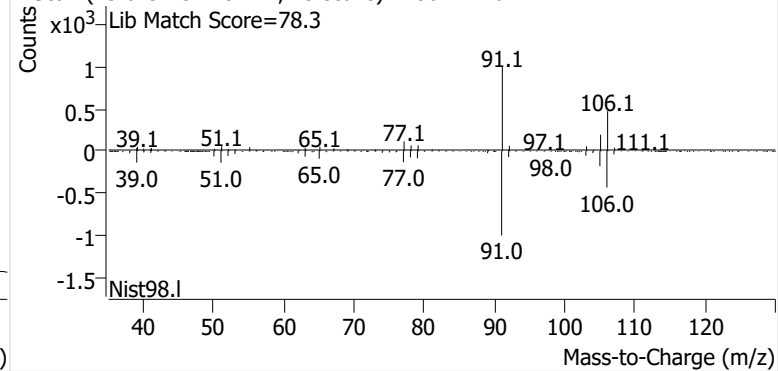


o-Xylene

+ EIC (91.1) Scan E2502171.d

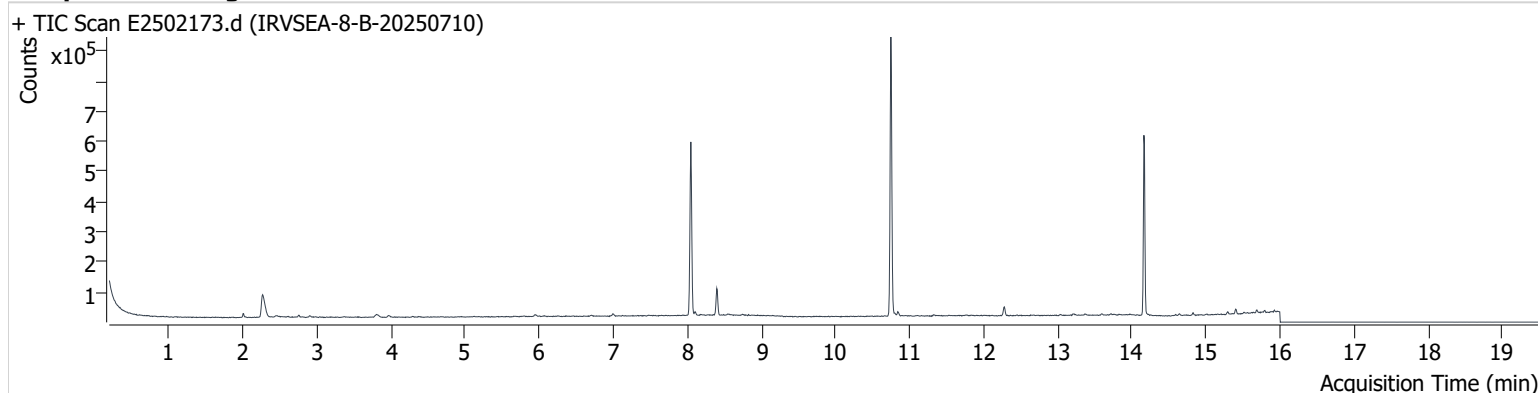


+ Scan (13.679-13.775 min, 13 scans) E2502171.d



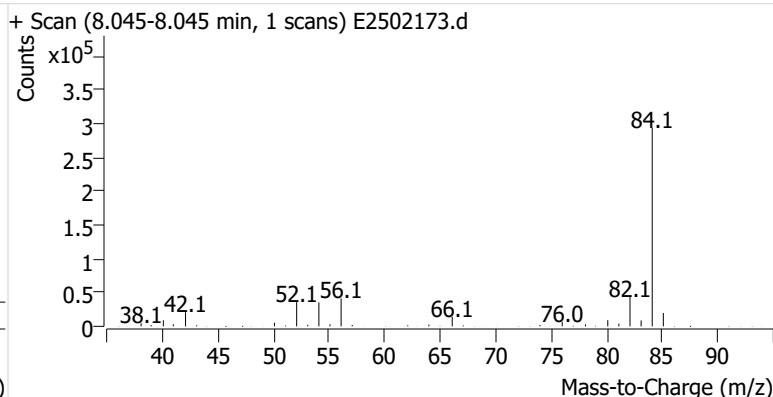
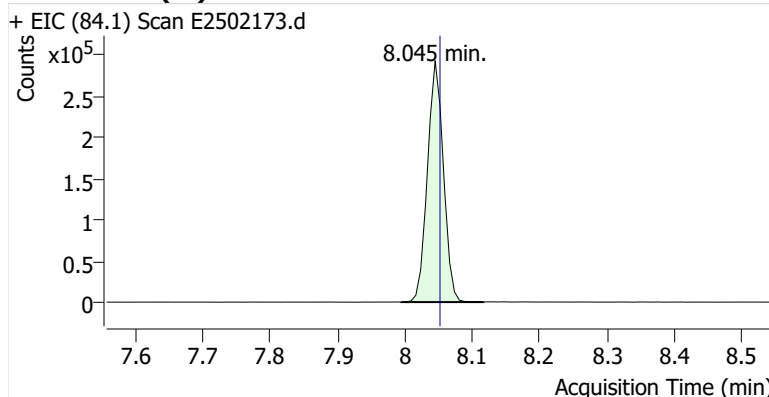
Name IRVSEA-8-B-20250710
Comment B28899
Data File E2502173.d
Acq. Date-Time 7/31/2025 7:37:38 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

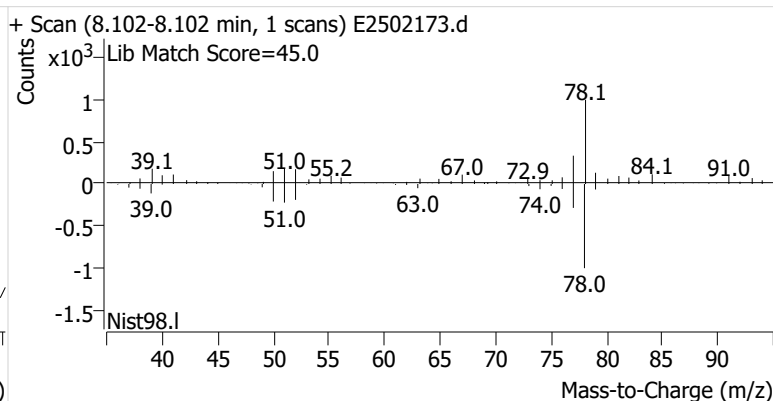
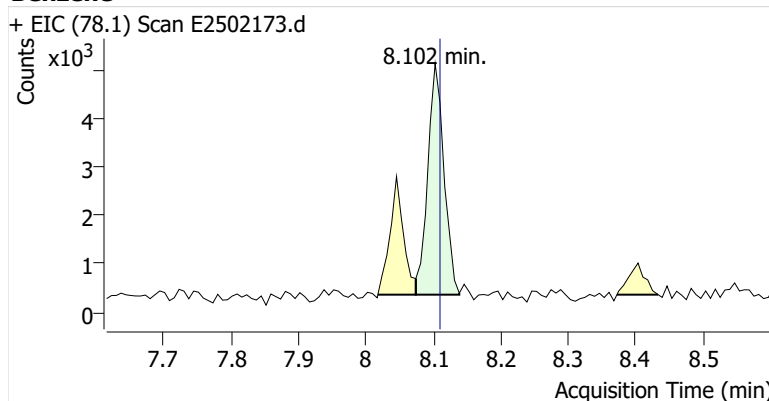


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	482,412	
Benzene	benzene-d6 (IS)	8.102	8.110	7,966	
Toluene-d8 (IS)		10.746	10.753	553,979	
Toluene	Toluene-d8 (IS)	10.846	10.846	8,469	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	1,887	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	2,434	
o-Xylene	Toluene-d8 (IS)	13.718	13.718	1,343	

benzene-d6 (IS)

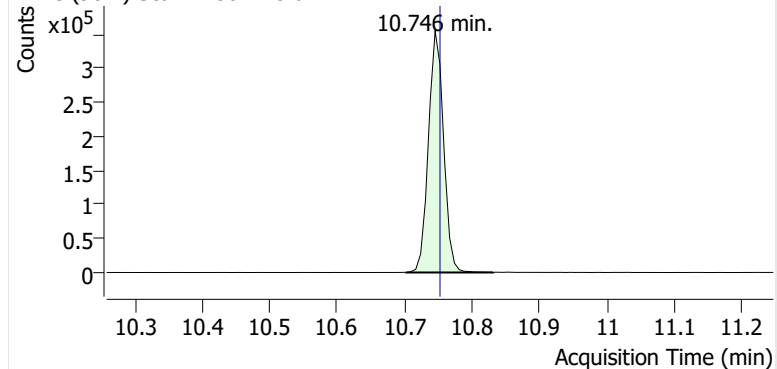


Benzene

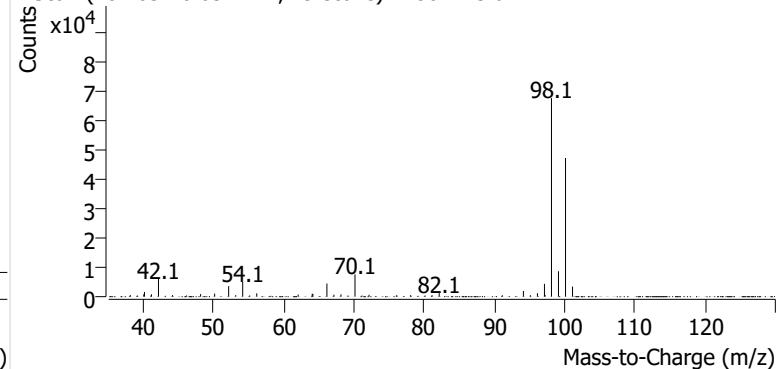


Toluene-d8 (IS)

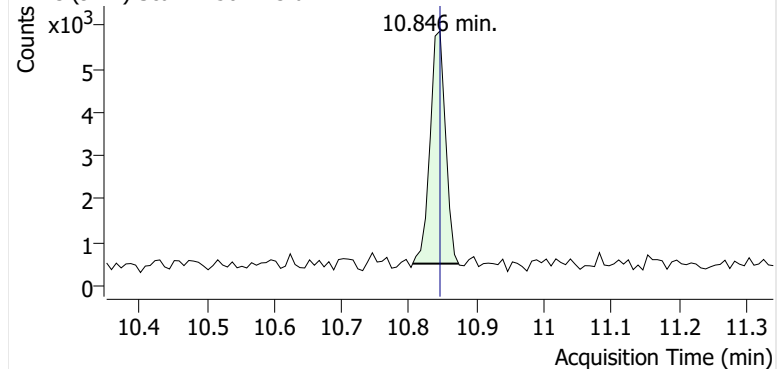
+ EIC (98.1) Scan E2502173.d



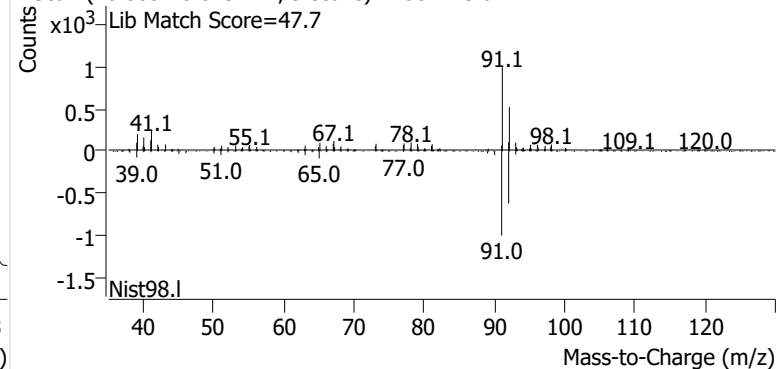
+ Scan (10.703-10.832 min, 19 scans) E2502173.d

**Toluene**

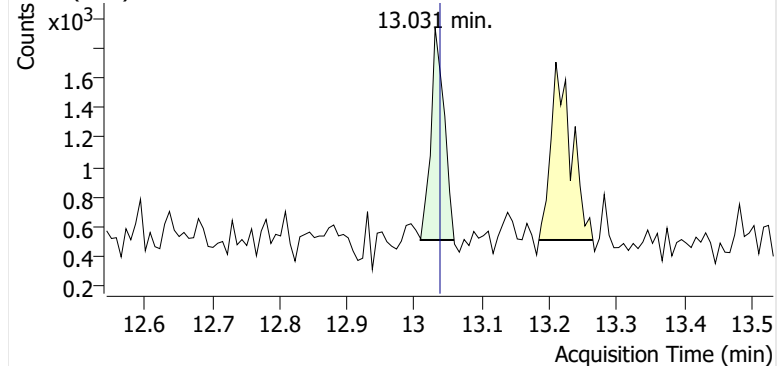
+ EIC (91.1) Scan E2502173.d



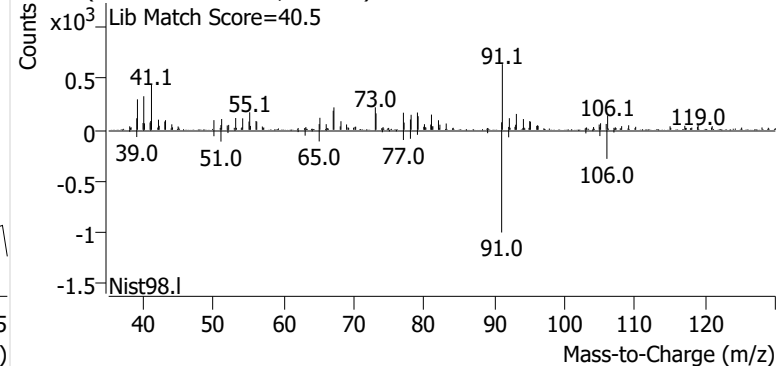
+ Scan (10.805-10.873 min, 9 scans) E2502173.d

**Ethylbenzene**

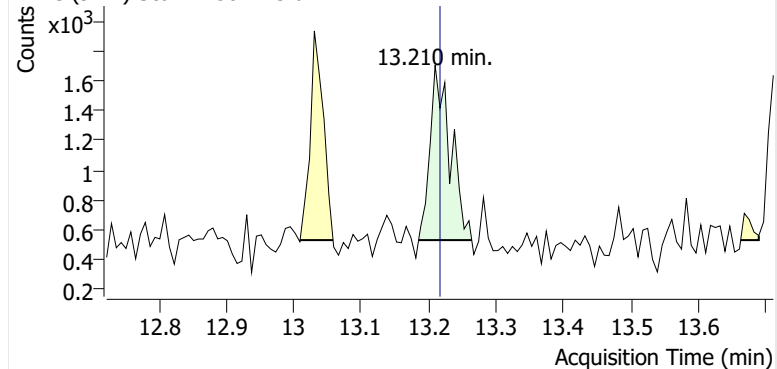
+ EIC (91.1) Scan E2502173.d



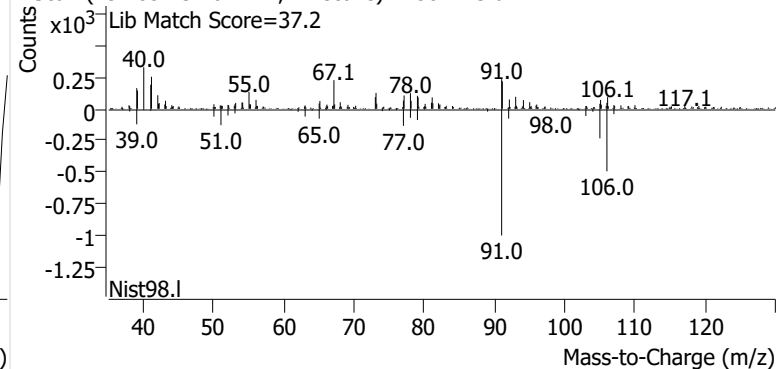
+ Scan (13.009-13.059 min, 7 scans) E2502173.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502173.d

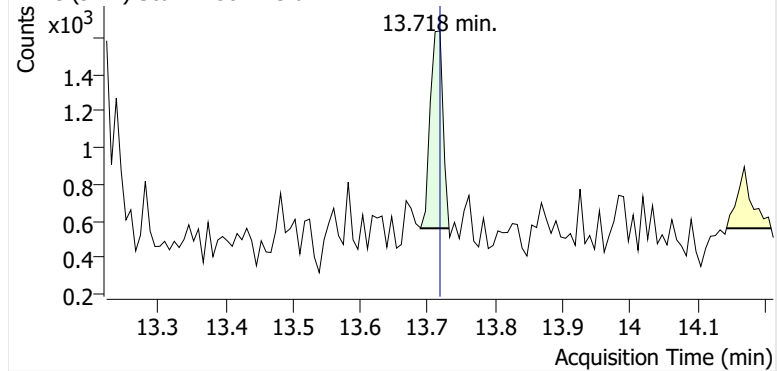


+ Scan (13.185-13.264 min, 11 scans) E2502173.d

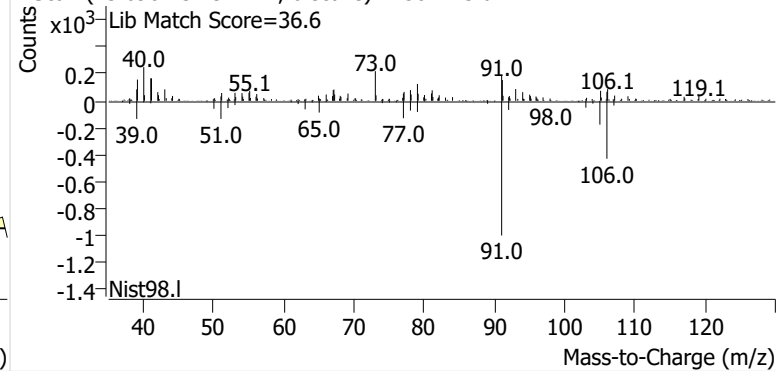


o-Xylene

+ EIC (91.1) Scan E2502173.d

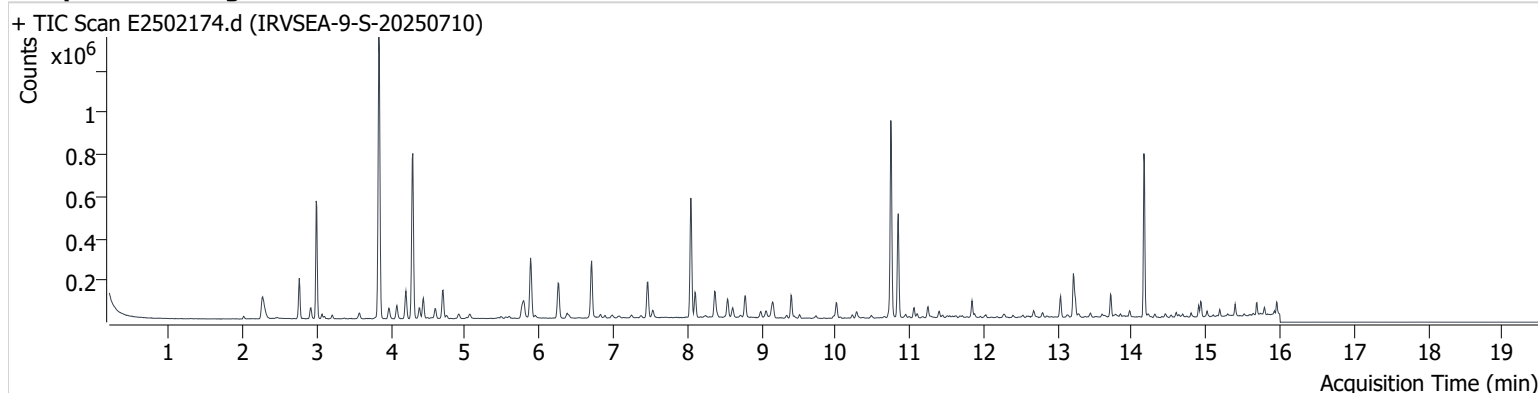


+ Scan (13.690-13.732 min, 6 scans) E2502173.d



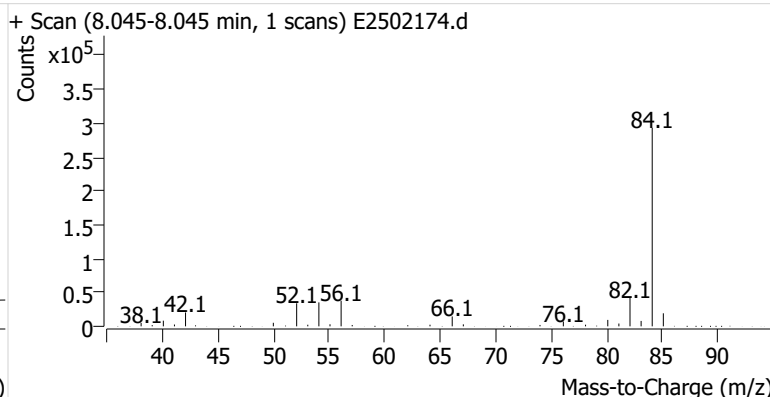
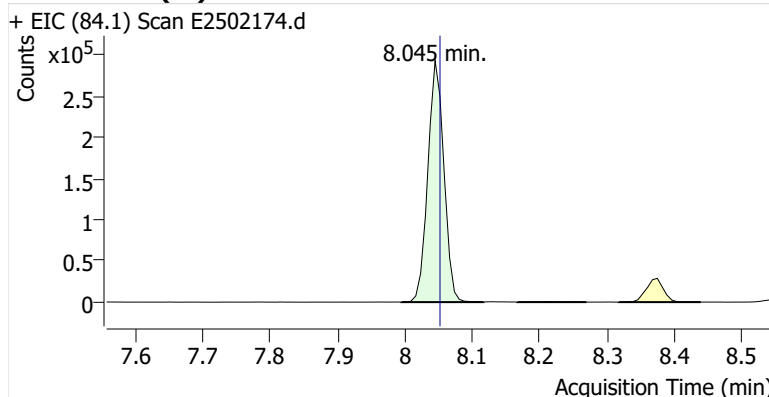
Name IRVSEA-9-S-20250710
Comment C40537
Data File E2502174.d
Acq. Date-Time 7/31/2025 8:03:07 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

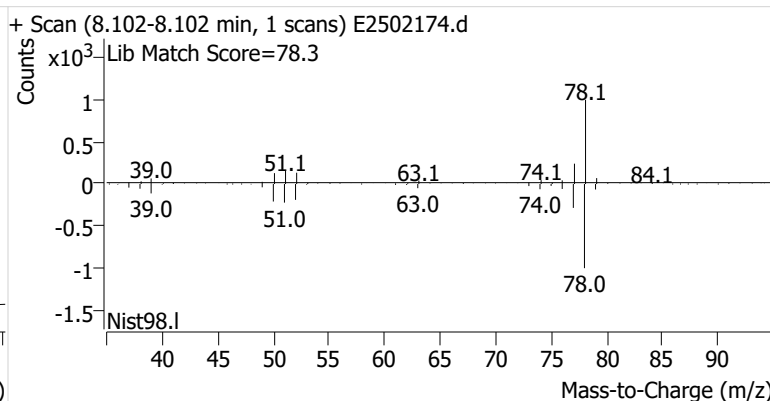
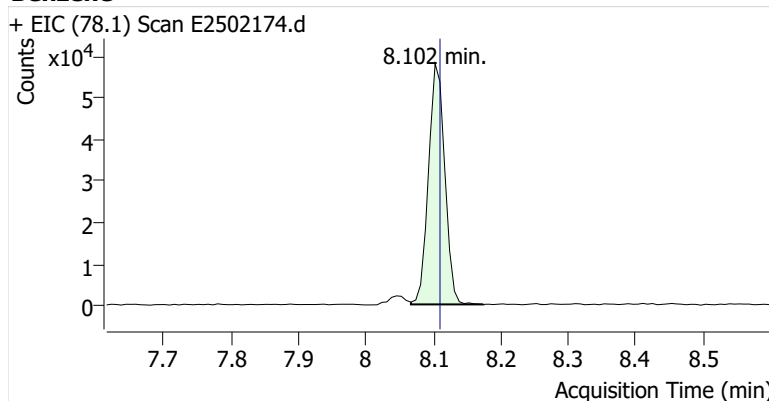


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	484,229	
Benzene	benzene-d6 (IS)	8.102	8.110	97,172	
Toluene-d8 (IS)		10.746	10.753	551,675	
Toluene	Toluene-d8 (IS)	10.846	10.846	312,082	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	63,103	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	153,455	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	57,075	

benzene-d6 (IS)

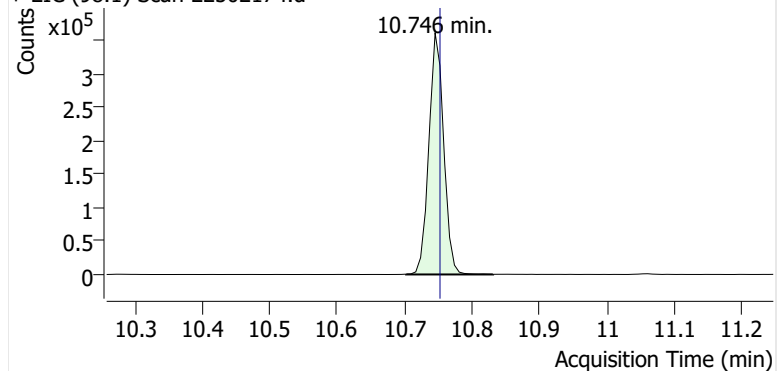


Benzene

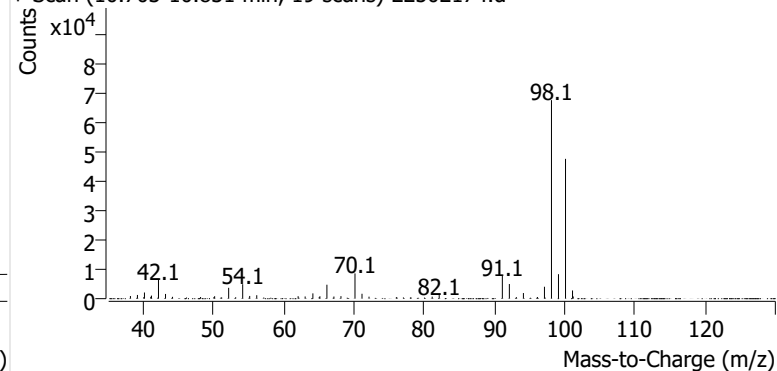


Toluene-d8 (IS)

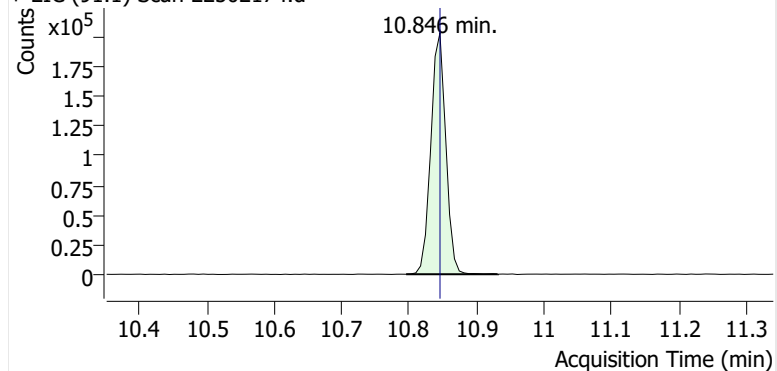
+ EIC (98.1) Scan E2502174.d



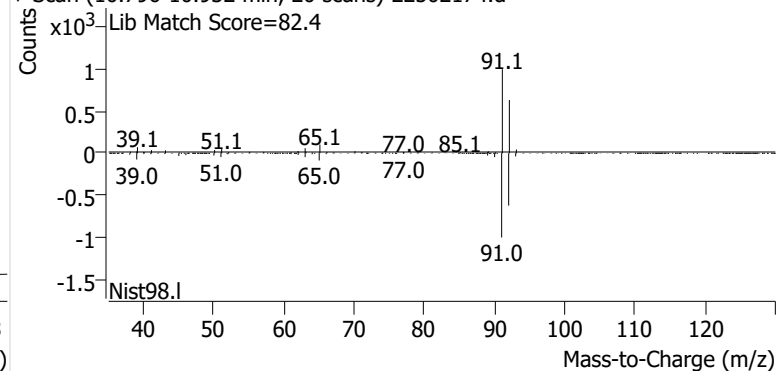
+ Scan (10.703-10.831 min, 19 scans) E2502174.d

**Toluene**

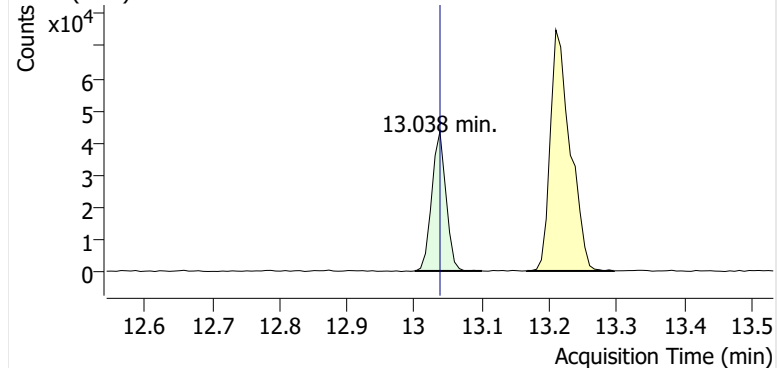
+ EIC (91.1) Scan E2502174.d



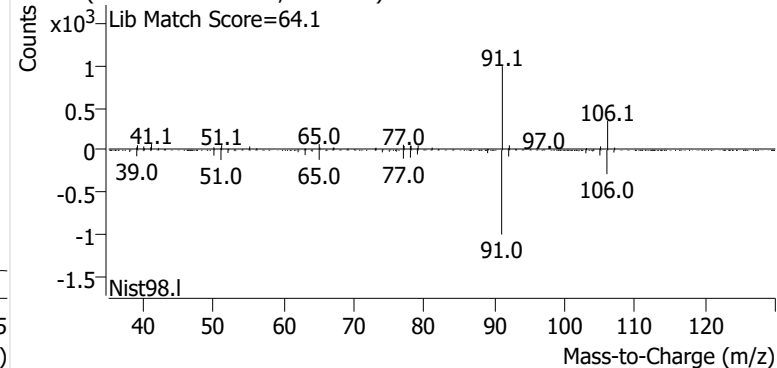
+ Scan (10.796-10.932 min, 20 scans) E2502174.d

**Ethylbenzene**

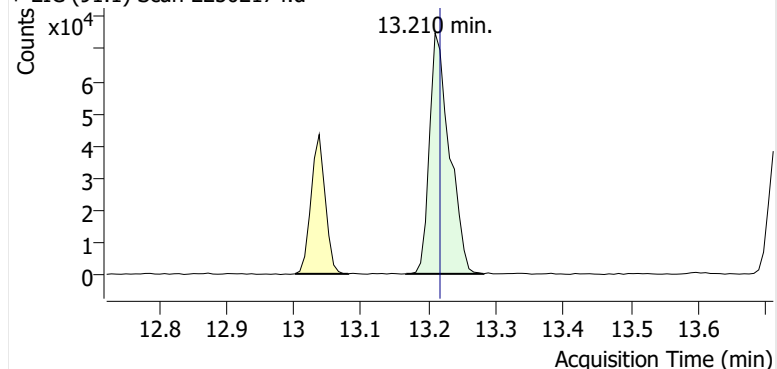
+ EIC (91.1) Scan E2502174.d



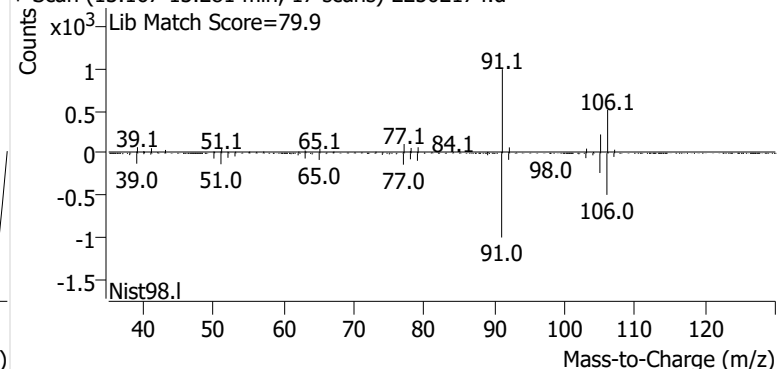
+ Scan (13.000-13.100 min, 14 scans) E2502174.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502174.d

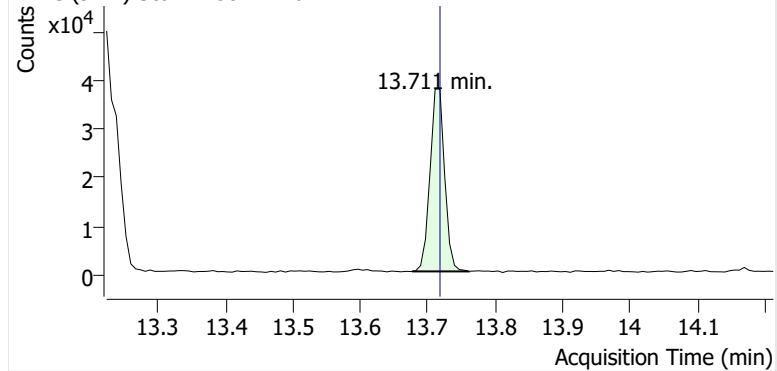


+ Scan (13.167-13.281 min, 17 scans) E2502174.d

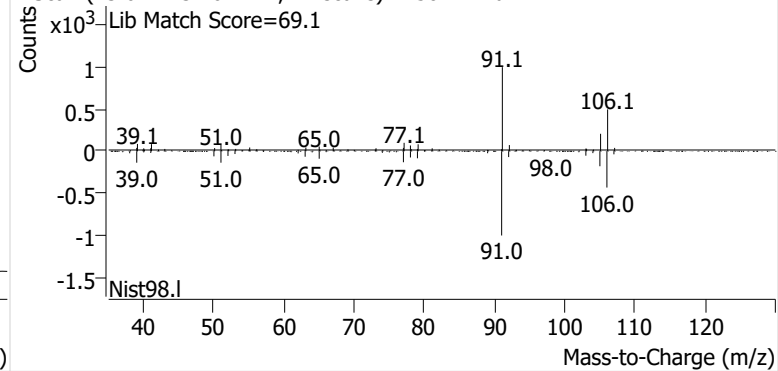


o-Xylene

+ EIC (91.1) Scan E2502174.d

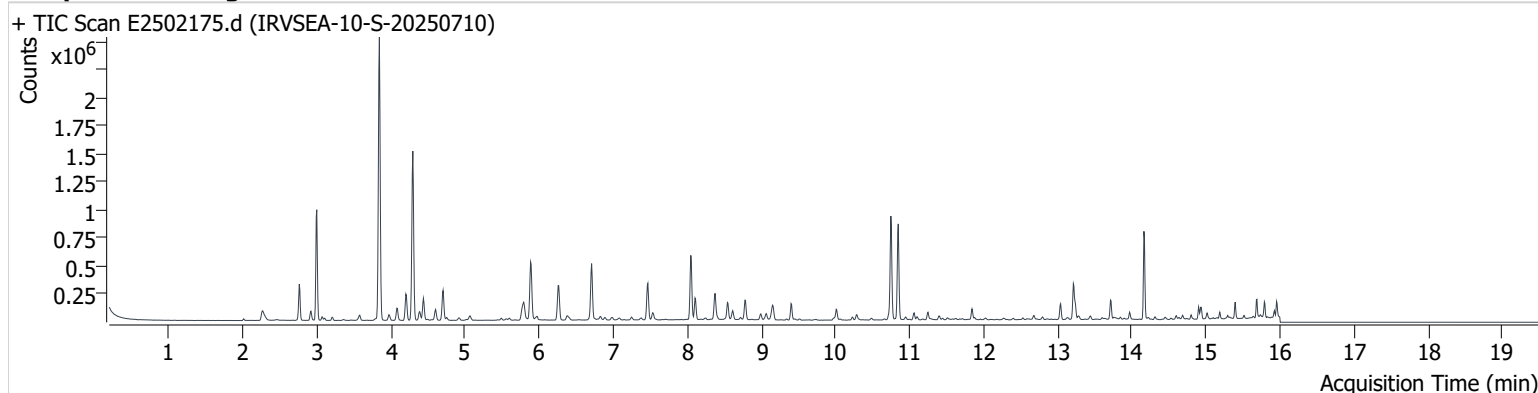


+ Scan (13.677-13.761 min, 12 scans) E2502174.d



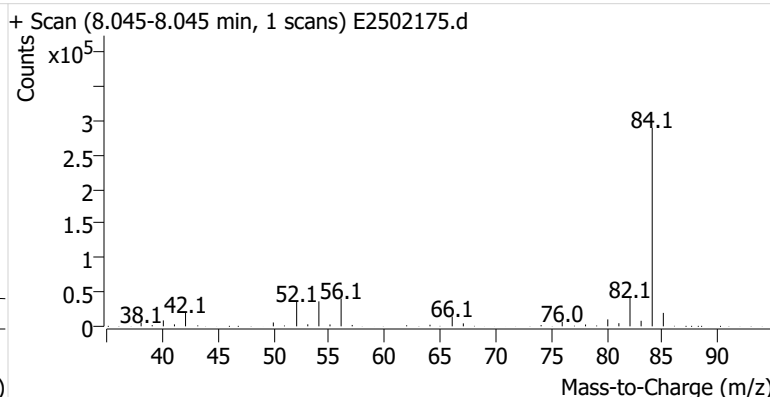
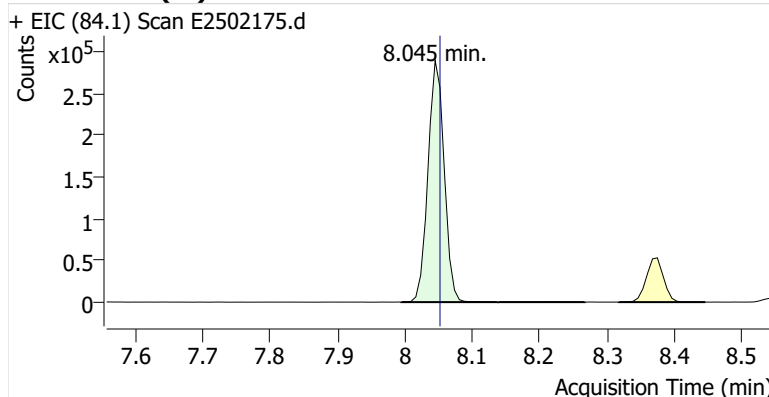
Name IRVSEA-10-S-20250710
Comment C38567
Data File E2502175.d
Acq. Date-Time 7/31/2025 8:28:37 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

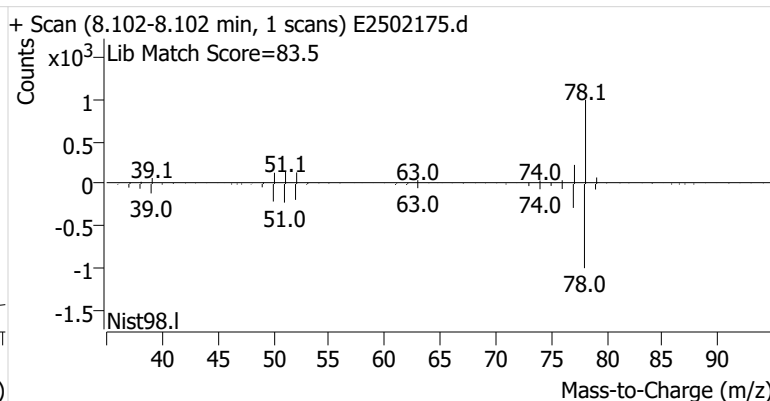
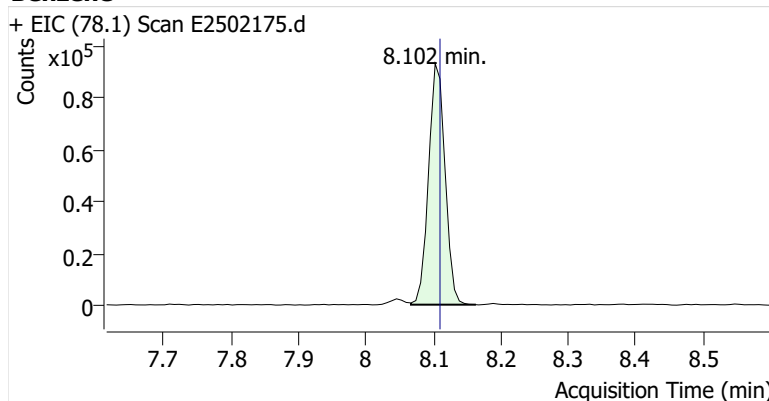


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	481,887	
Benzene	benzene-d6 (IS)	8.102	8.110	158,000	
Toluene-d8 (IS)		10.746	10.753	553,235	
Toluene	Toluene-d8 (IS)	10.846	10.846	534,235	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	89,855	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	238,693	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	95,448	

benzene-d6 (IS)

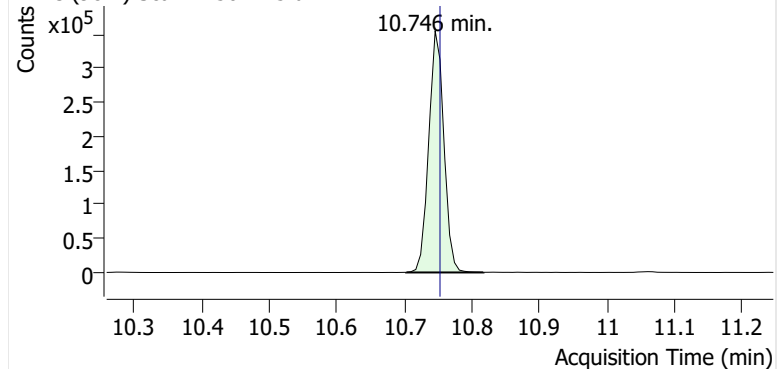


Benzene

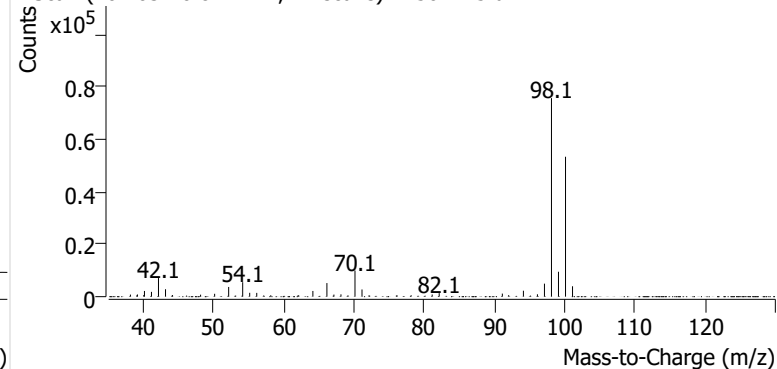


Toluene-d8 (IS)

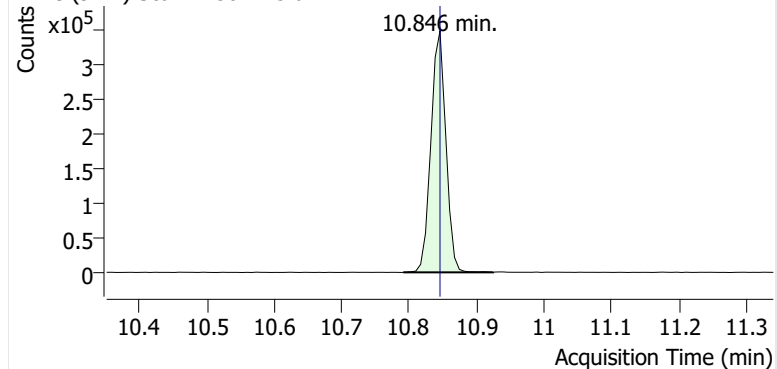
+ EIC (98.1) Scan E2502175.d



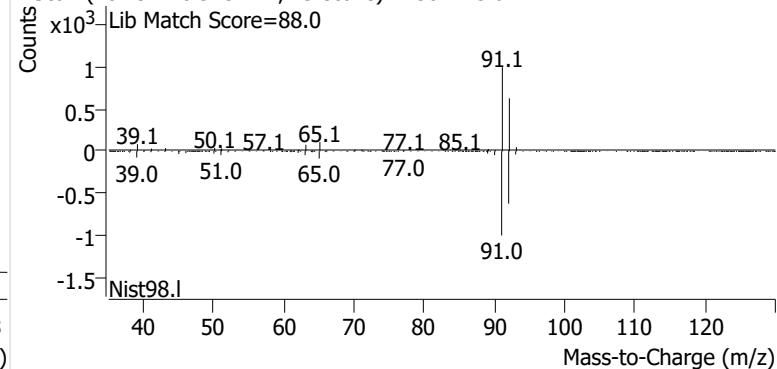
+ Scan (10.703-10.817 min, 17 scans) E2502175.d

**Toluene**

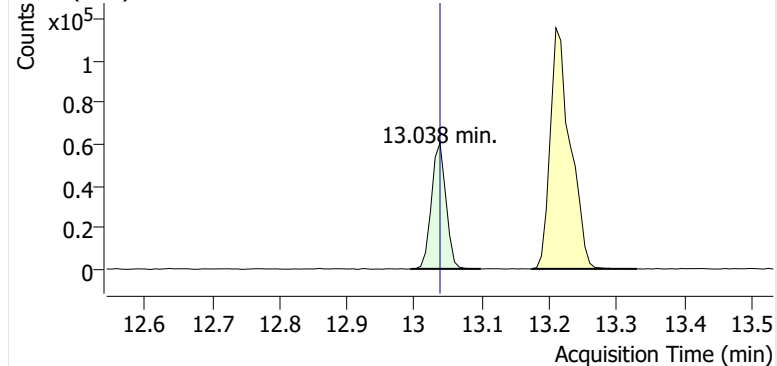
+ EIC (91.1) Scan E2502175.d



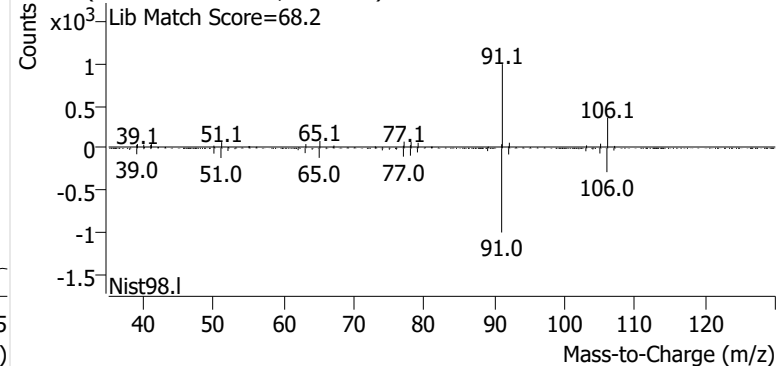
+ Scan (10.791-10.925 min, 19 scans) E2502175.d

**Ethylbenzene**

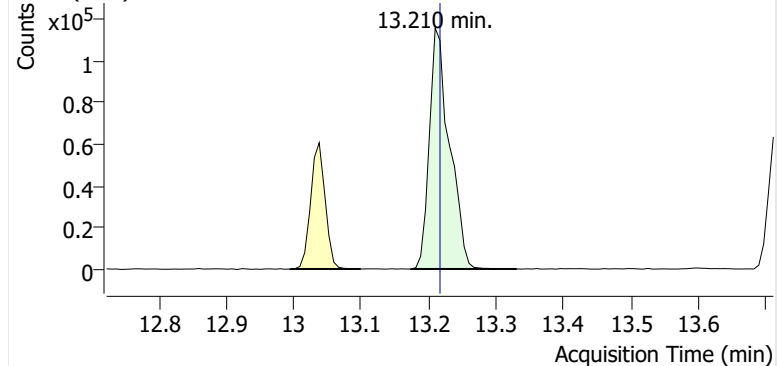
+ EIC (91.1) Scan E2502175.d



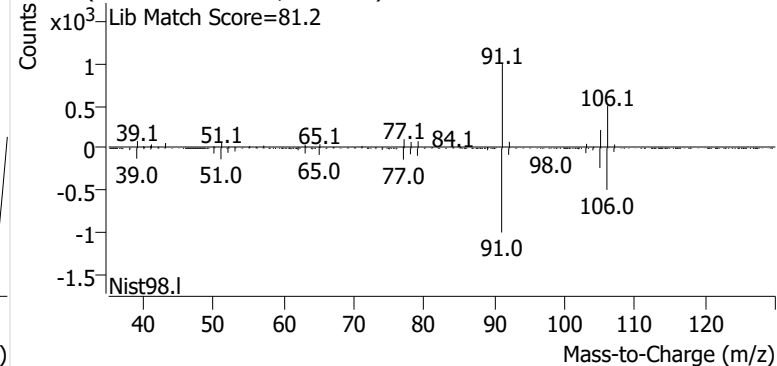
+ Scan (12.995-13.098 min, 15 scans) E2502175.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502175.d

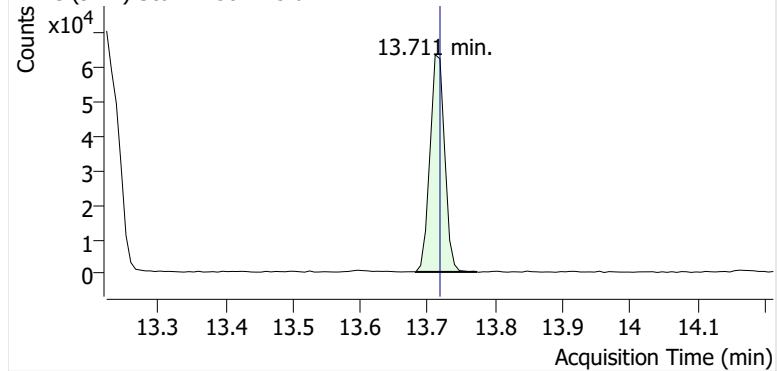


+ Scan (13.174-13.331 min, 22 scans) E2502175.d

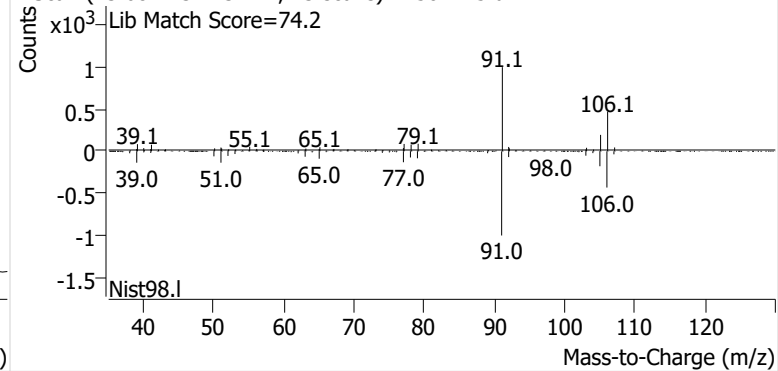


o-Xylene

+ EIC (91.1) Scan E2502175.d

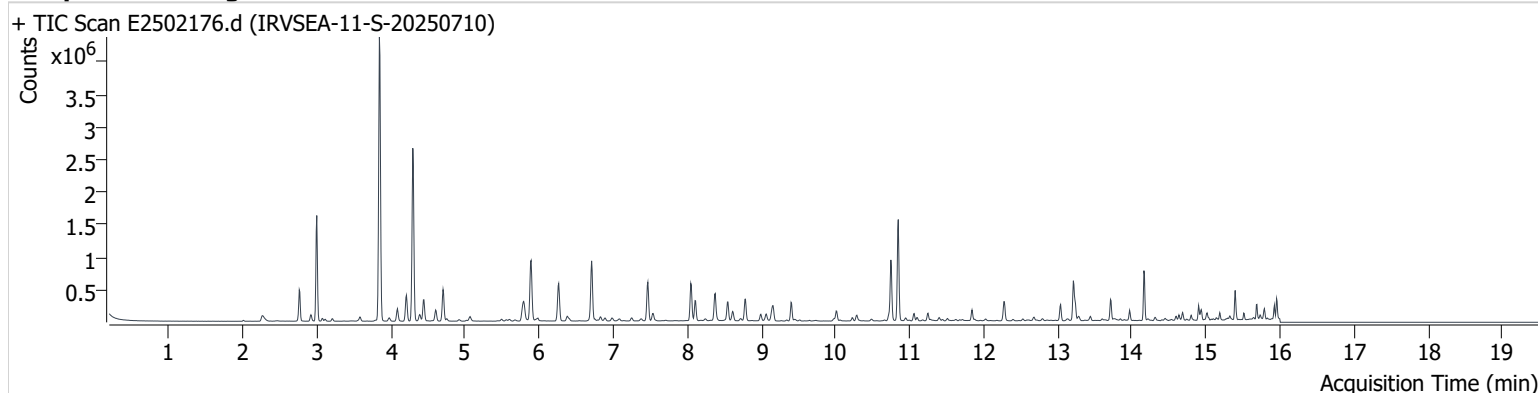


+ Scan (13.682-13.773 min, 13 scans) E2502175.d



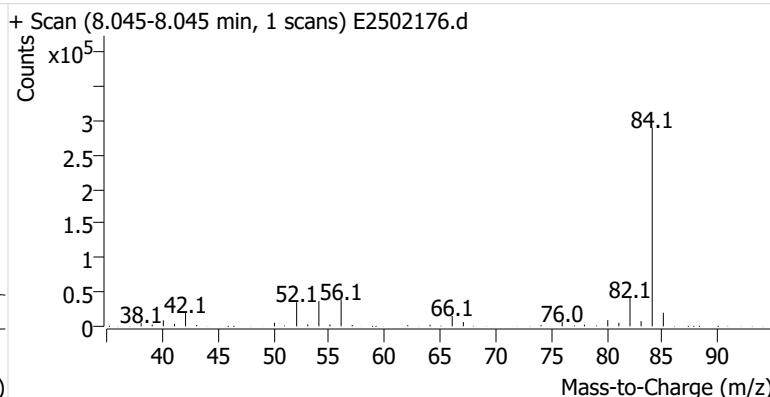
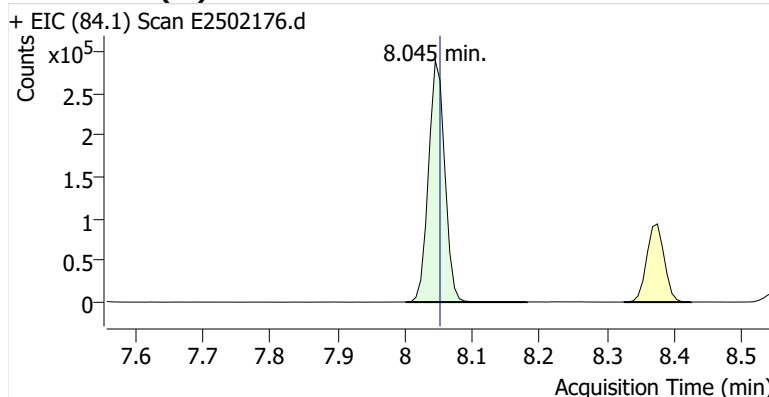
Name IRVSEA-11-S-20250710
Comment C57738
Data File E2502176.d
Acq. Date-Time 7/31/2025 8:54:14 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

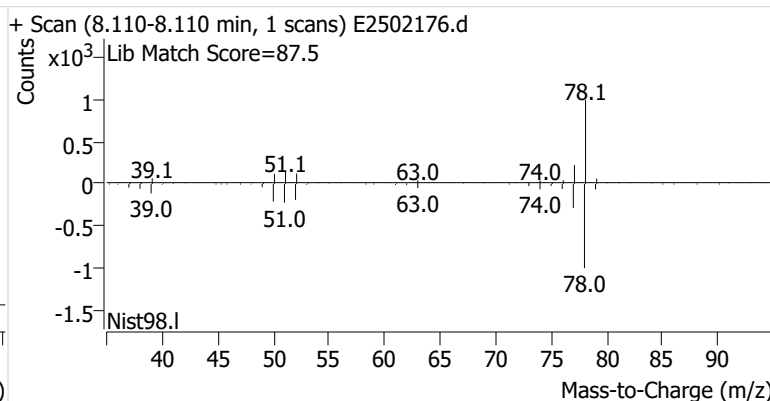
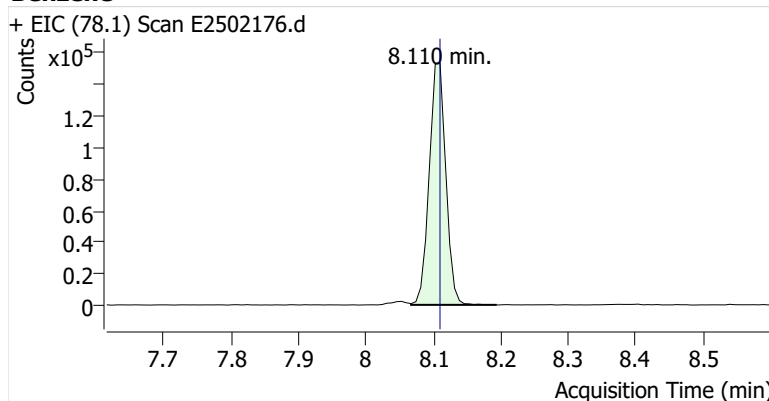


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	483,875	
Benzene	benzene-d6 (IS)	8.110	8.110	261,650	
Toluene-d8 (IS)		10.746	10.753	548,227	
Toluene	Toluene-d8 (IS)	10.846	10.846	979,021	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	160,975	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	457,799	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	179,226	

benzene-d6 (IS)

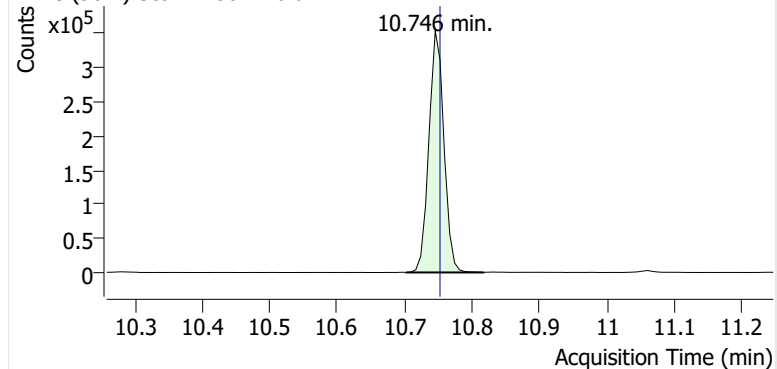


Benzene

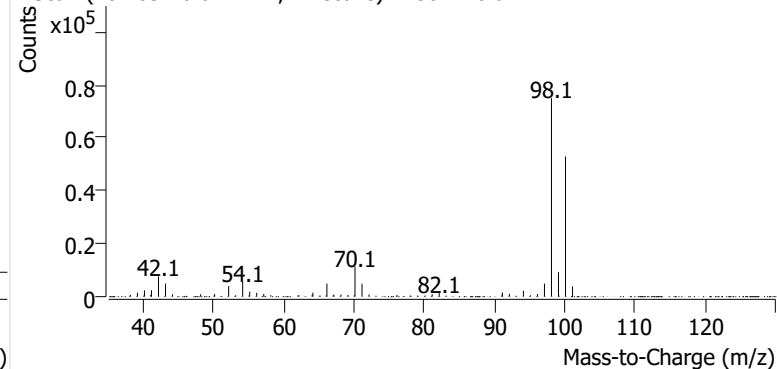


Toluene-d8 (IS)

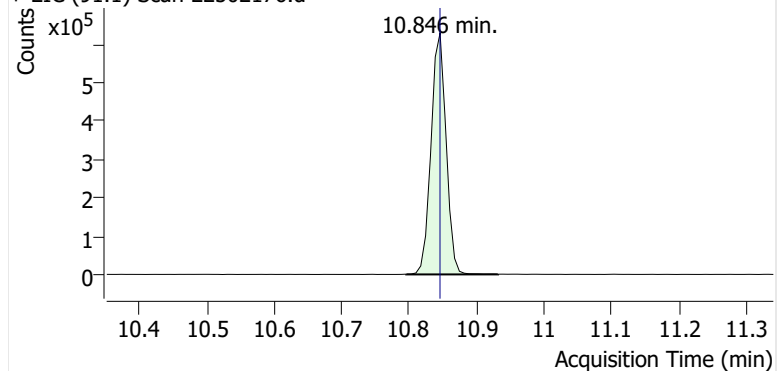
+ EIC (98.1) Scan E2502176.d



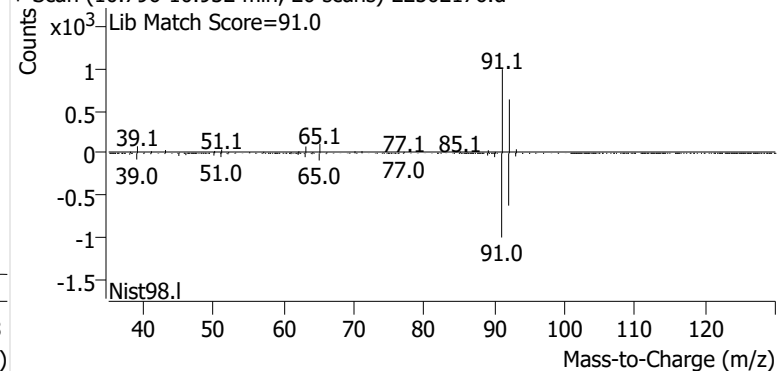
+ Scan (10.703-10.817 min, 17 scans) E2502176.d

**Toluene**

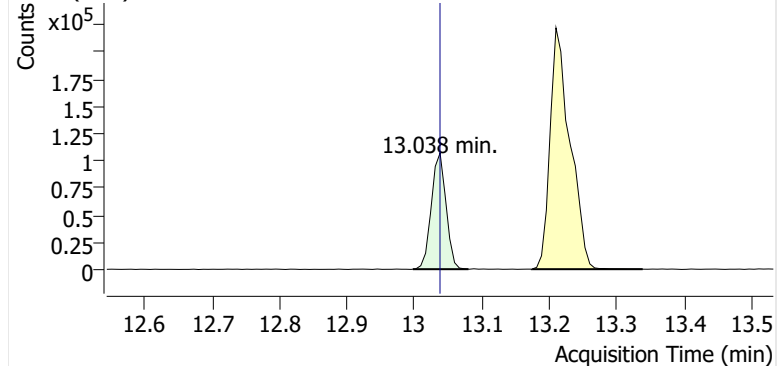
+ EIC (91.1) Scan E2502176.d



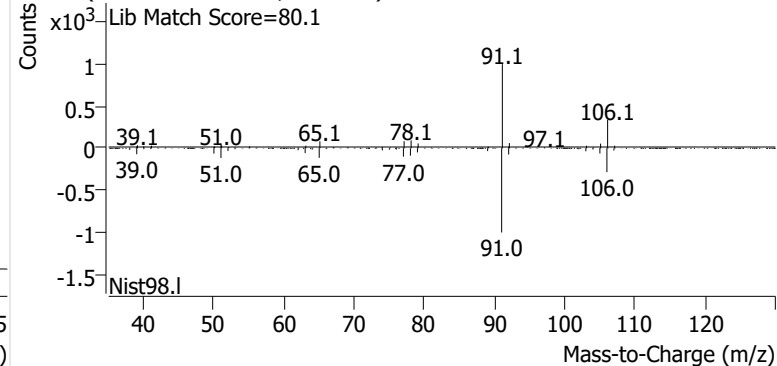
+ Scan (10.796-10.932 min, 20 scans) E2502176.d

**Ethylbenzene**

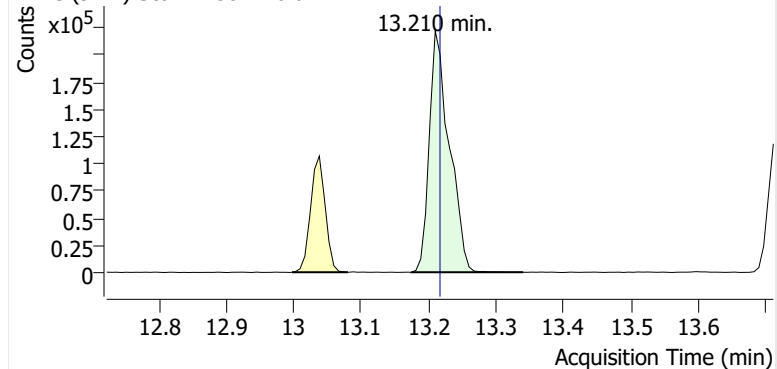
+ EIC (91.1) Scan E2502176.d



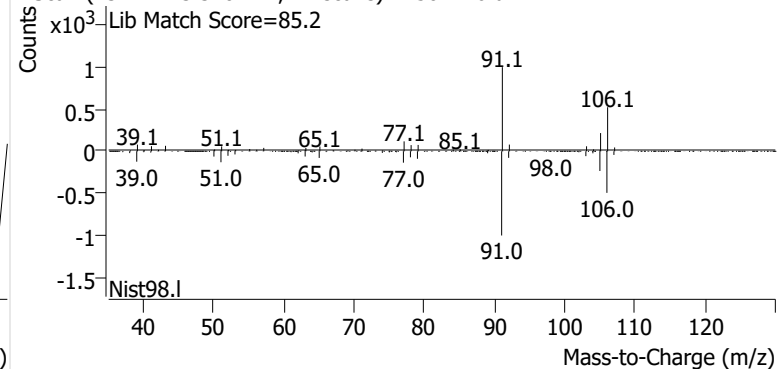
+ Scan (12.998-13.080 min, 11 scans) E2502176.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502176.d

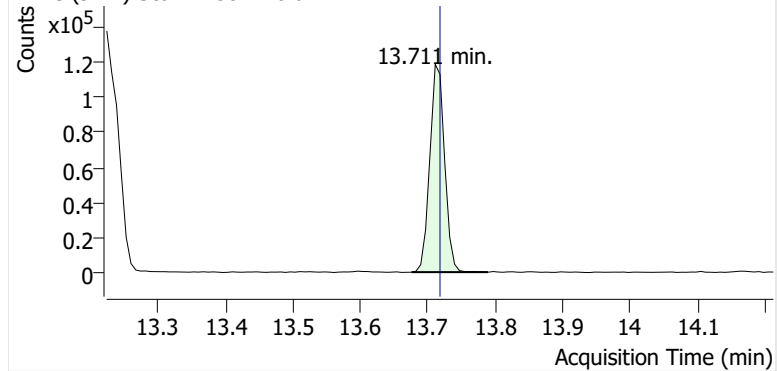


+ Scan (13.174-13.340 min, 24 scans) E2502176.d

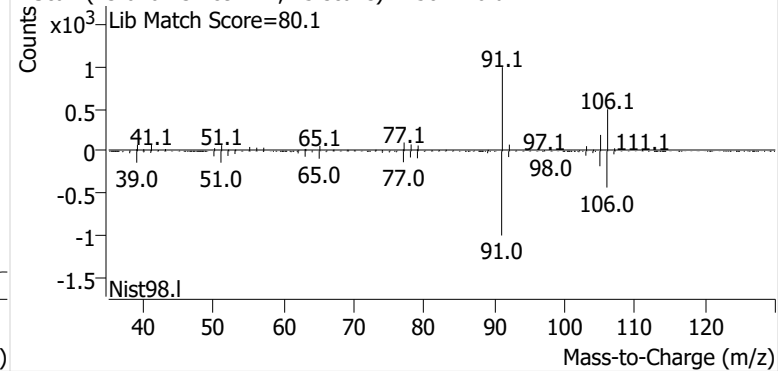


o-Xylene

+ EIC (91.1) Scan E2502176.d

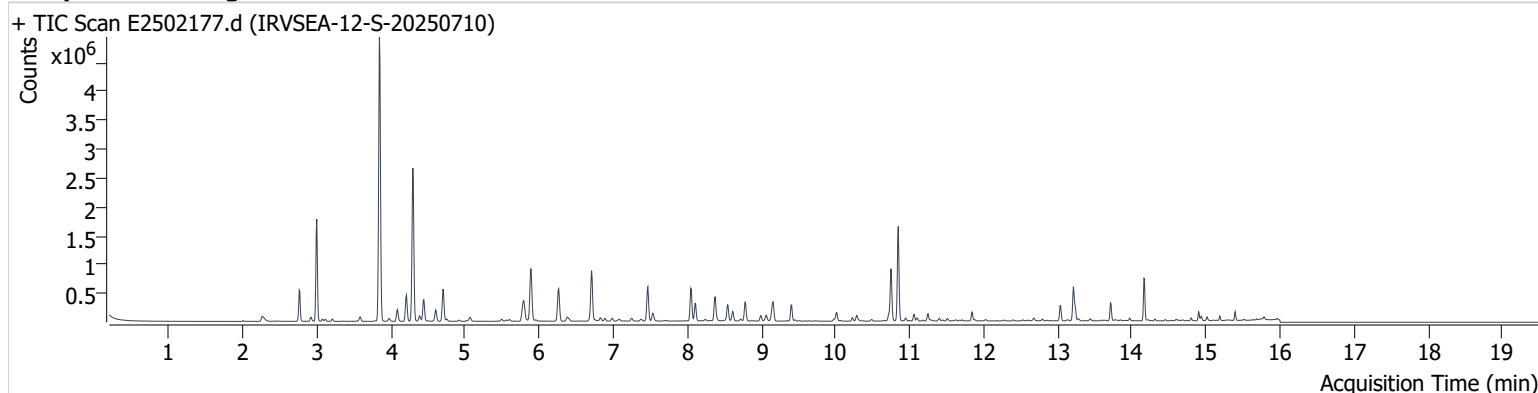


+ Scan (13.676-13.789 min, 15 scans) E2502176.d



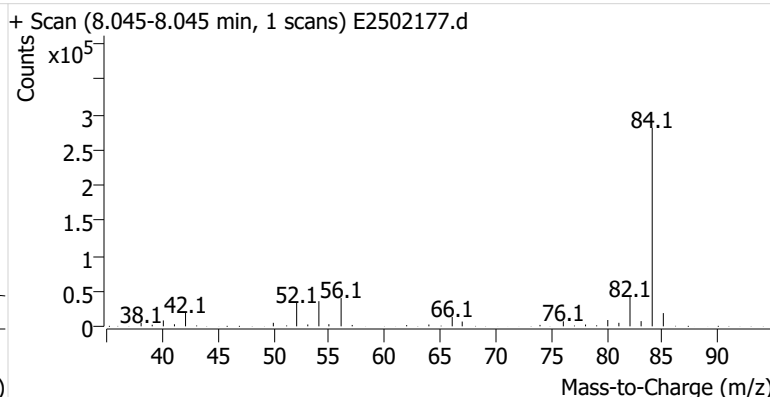
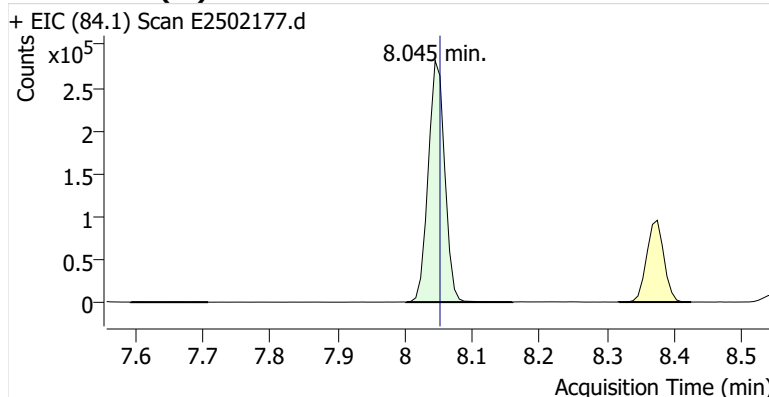
Name IRVSEA-12-S-20250710
Comment C32866
Data File E2502177.d
Acq. Date-Time 7/31/2025 9:19:51 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

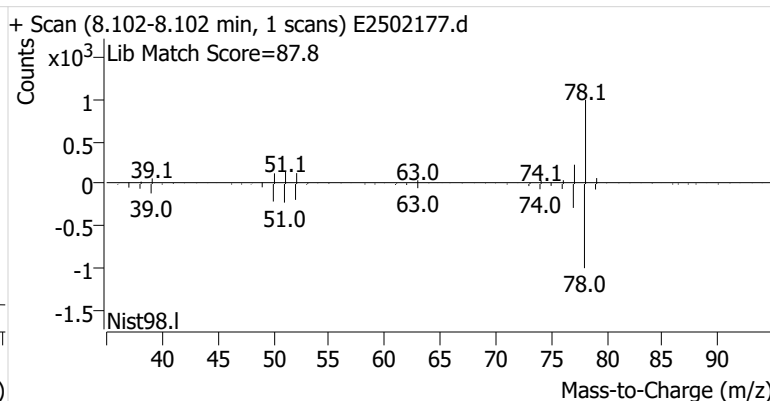
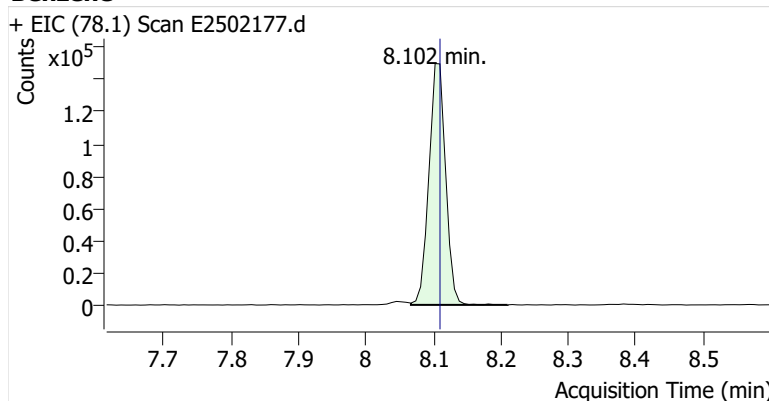


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	477,279	
Benzene	benzene-d6 (IS)	8.102	8.110	257,213	
Toluene-d8 (IS)		10.746	10.753	544,338	
Toluene	Toluene-d8 (IS)	10.846	10.846	998,906	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	178,210	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	431,410	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	171,984	

benzene-d6 (IS)

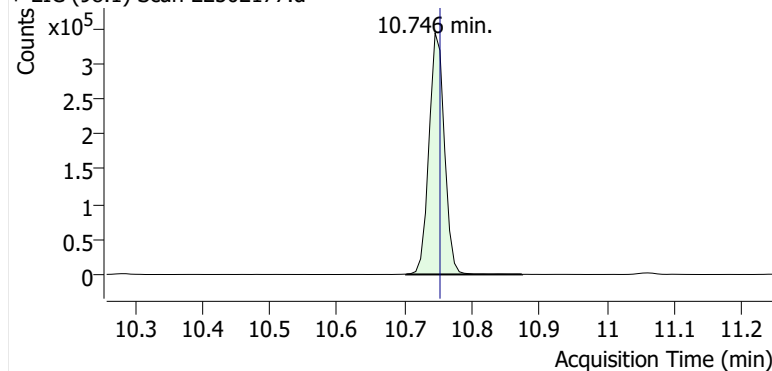


Benzene

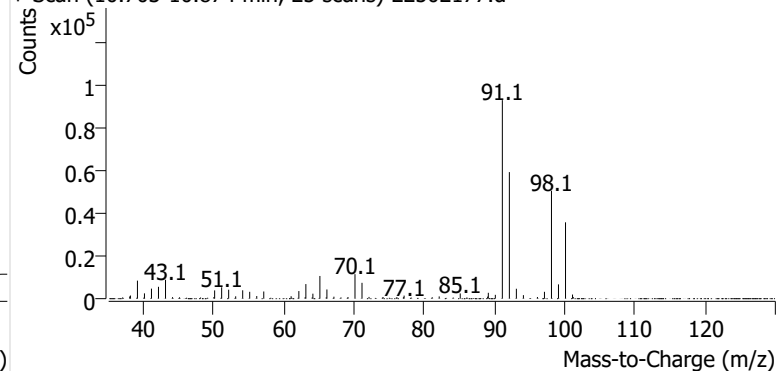


Toluene-d8 (IS)

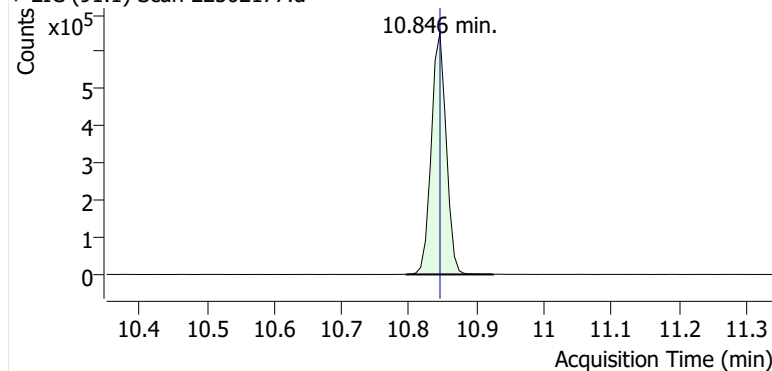
+ EIC (98.1) Scan E2502177.d



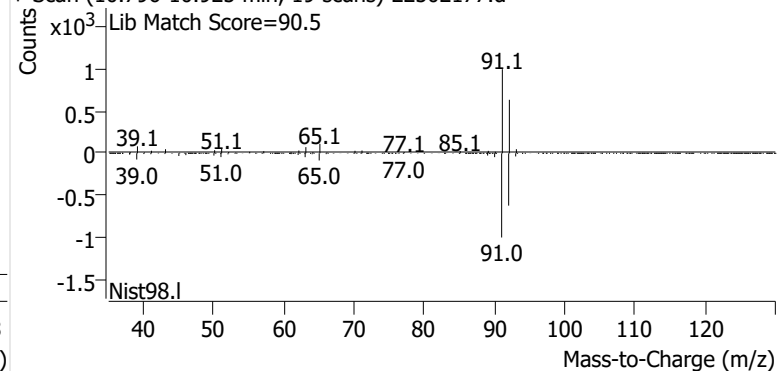
+ Scan (10.703-10.874 min, 25 scans) E2502177.d

**Toluene**

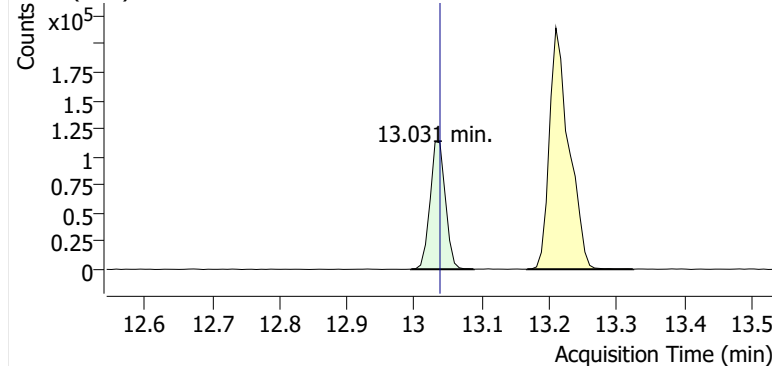
+ EIC (91.1) Scan E2502177.d



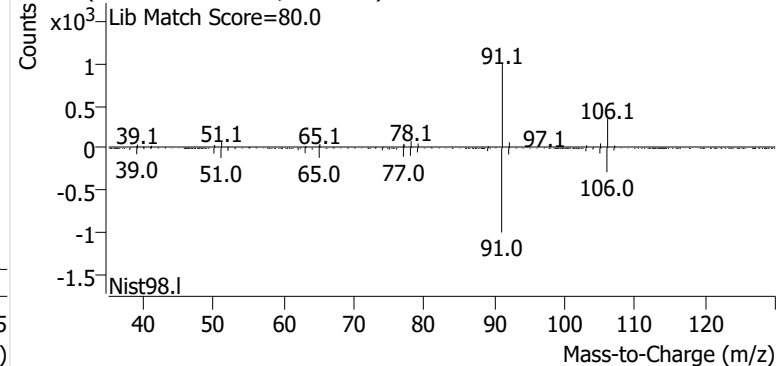
+ Scan (10.796-10.925 min, 19 scans) E2502177.d

**Ethylbenzene**

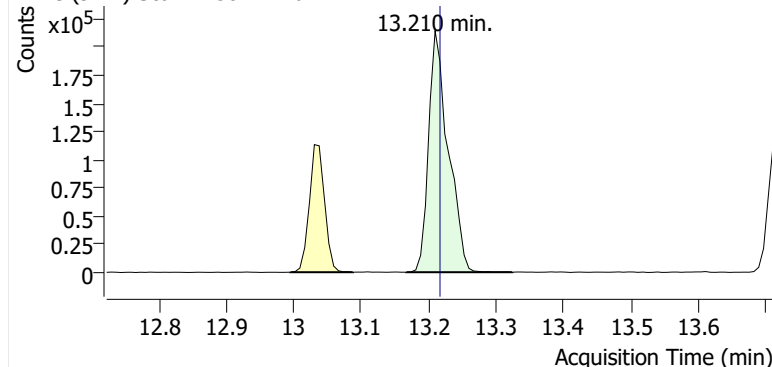
+ EIC (91.1) Scan E2502177.d



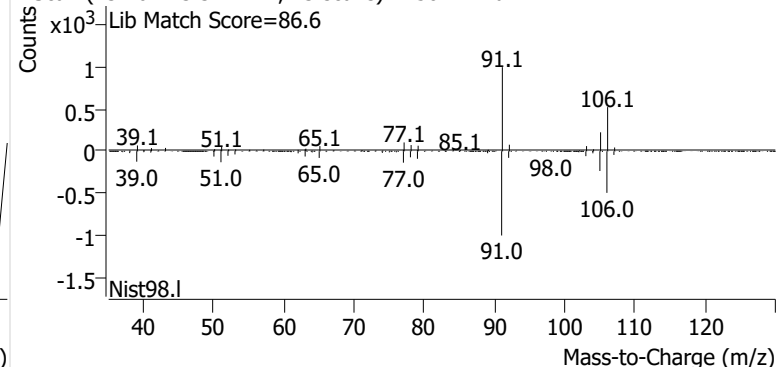
+ Scan (12.995-13.088 min, 14 scans) E2502177.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502177.d

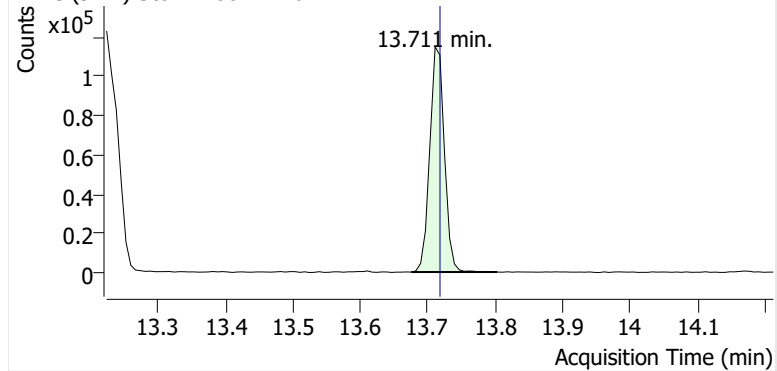


+ Scan (13.167-13.324 min, 23 scans) E2502177.d

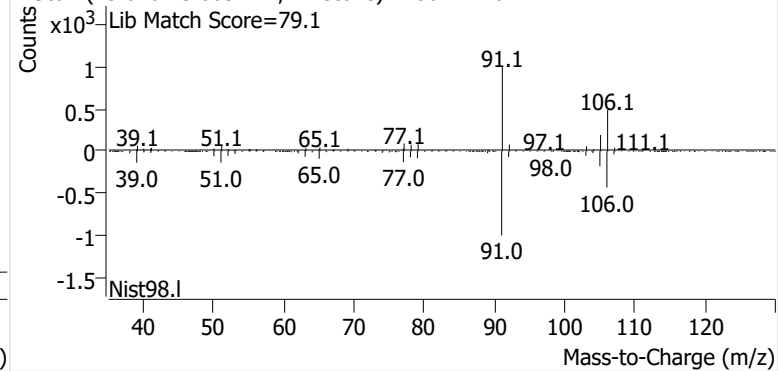


o-Xylene

+ EIC (91.1) Scan E2502177.d

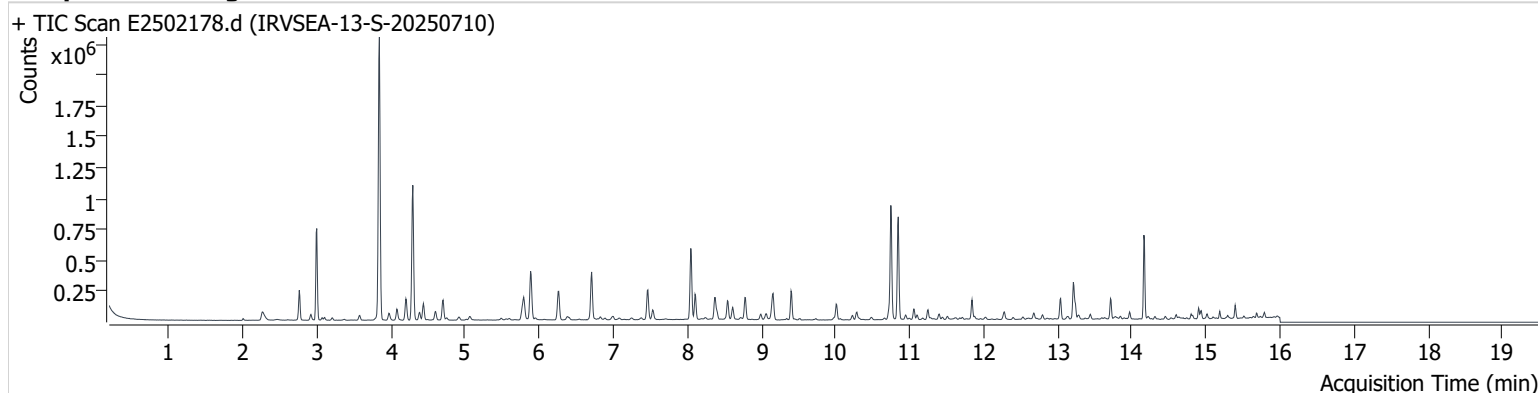


+ Scan (13.676-13.803 min, 17 scans) E2502177.d



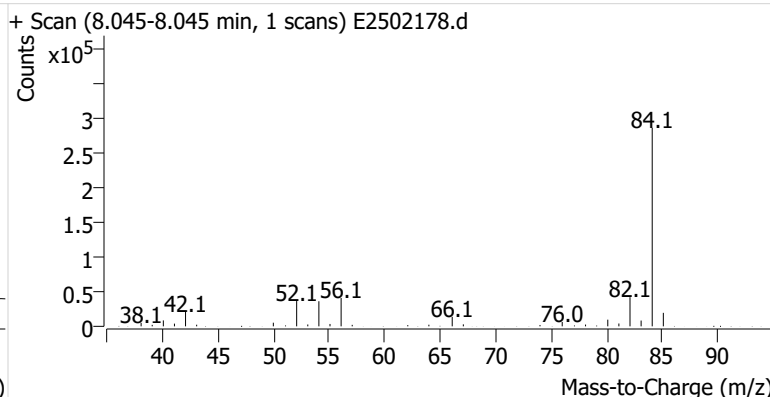
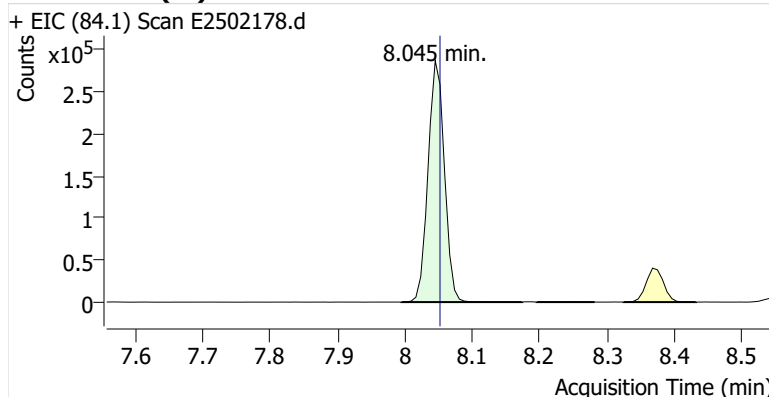
Name IRVSEA-13-S-20250710
Comment B12139
Data File E2502178.d
Acq. Date-Time 7/31/2025 9:46:18 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

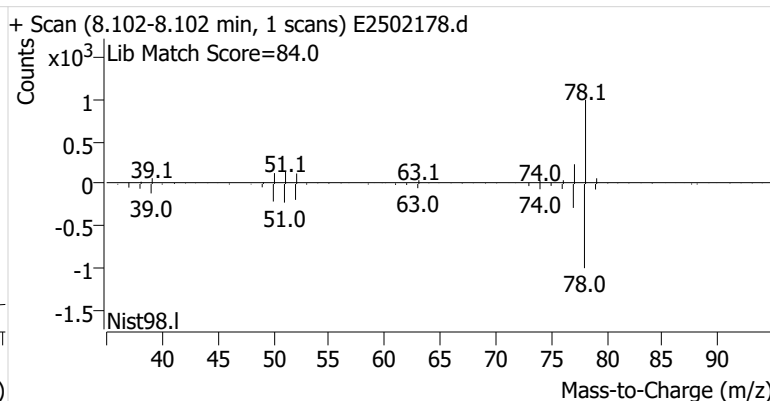
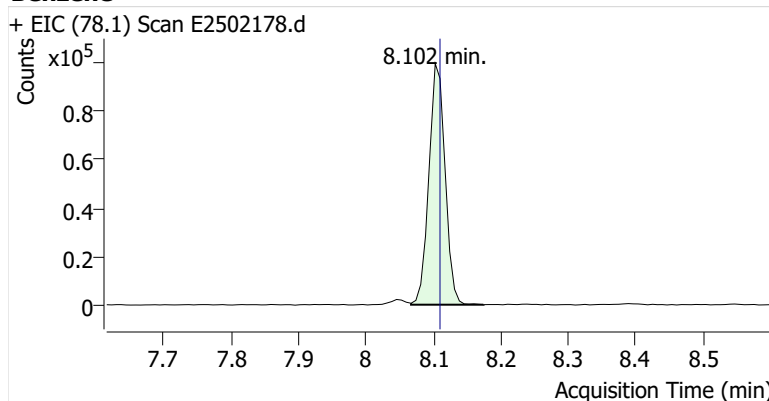


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	484,207	
Benzene	benzene-d6 (IS)	8.102	8.110	165,424	
Toluene-d8 (IS)		10.746	10.753	543,203	
Toluene	Toluene-d8 (IS)	10.846	10.846	511,085	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	108,934	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	215,317	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	89,036	

benzene-d6 (IS)

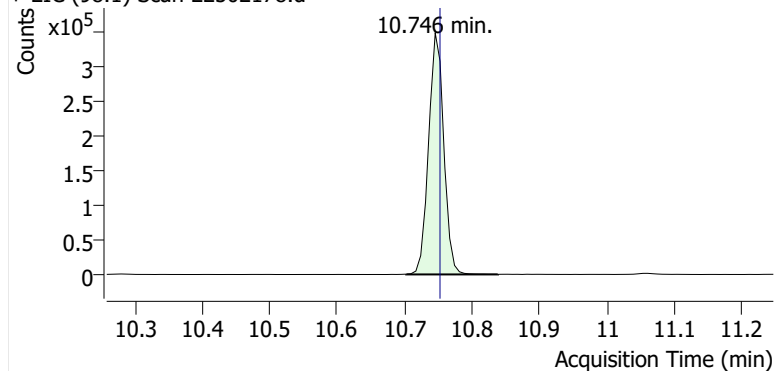


Benzene

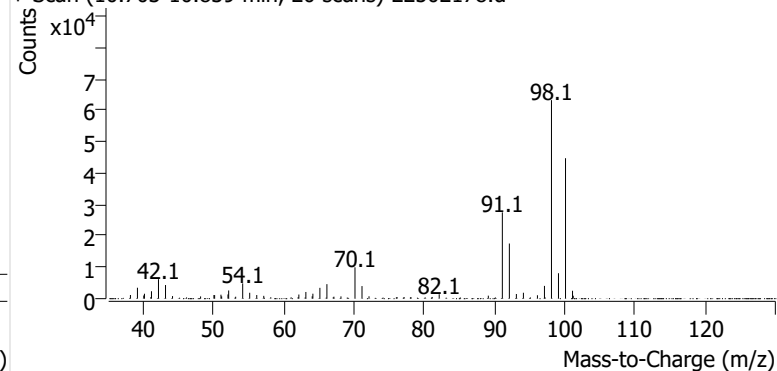


Toluene-d8 (IS)

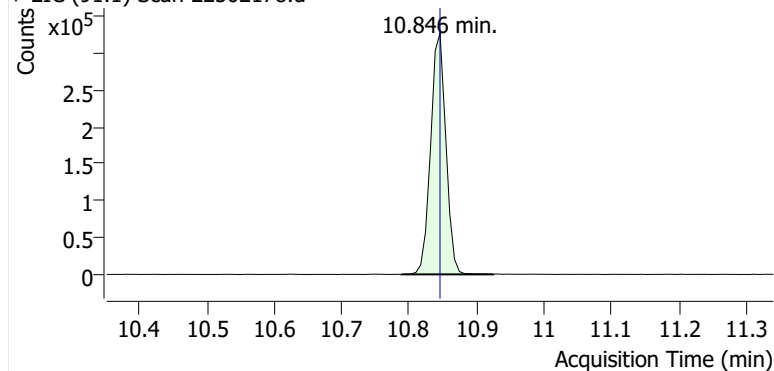
+ EIC (98.1) Scan E2502178.d



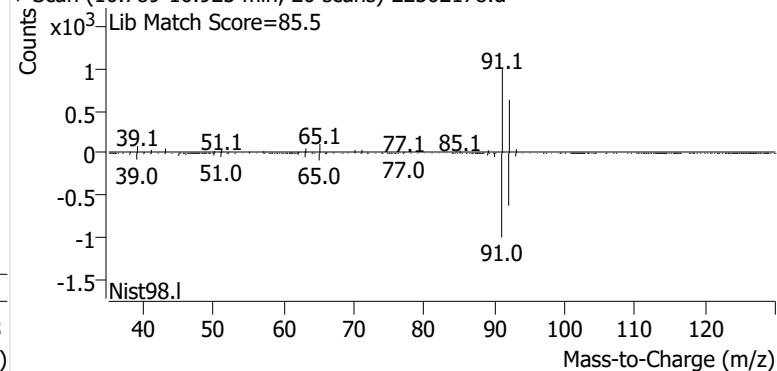
+ Scan (10.703-10.839 min, 20 scans) E2502178.d

**Toluene**

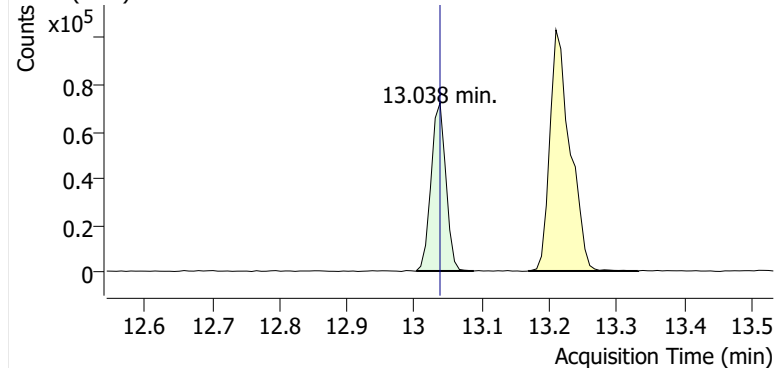
+ EIC (91.1) Scan E2502178.d



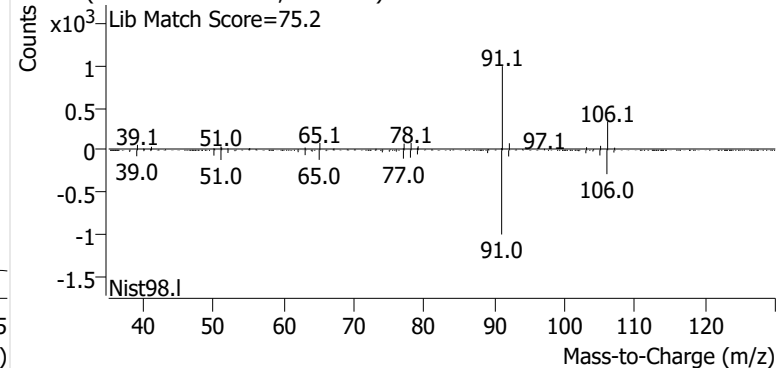
+ Scan (10.789-10.925 min, 20 scans) E2502178.d

**Ethylbenzene**

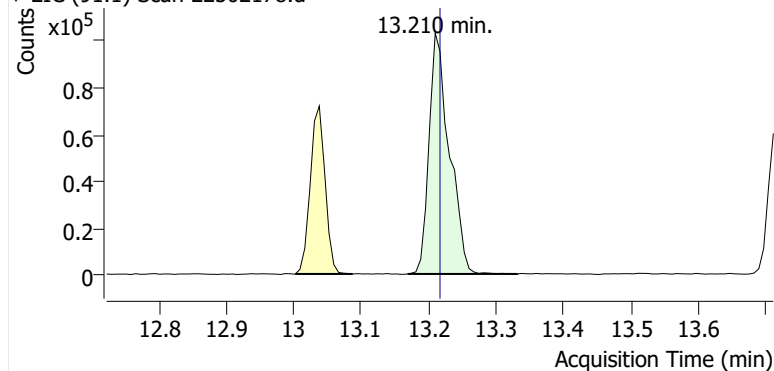
+ EIC (91.1) Scan E2502178.d



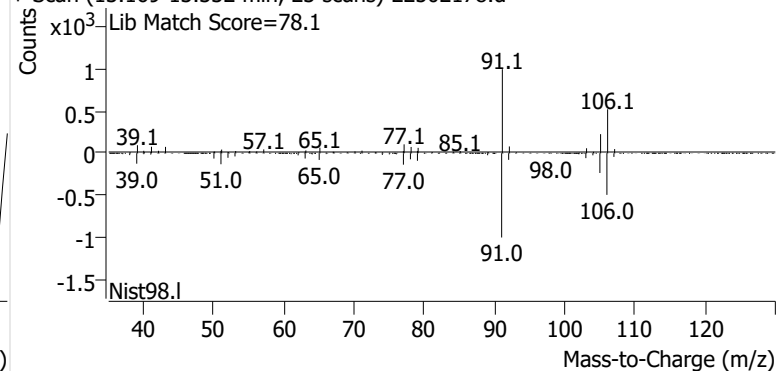
+ Scan (13.002-13.088 min, 11 scans) E2502178.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502178.d

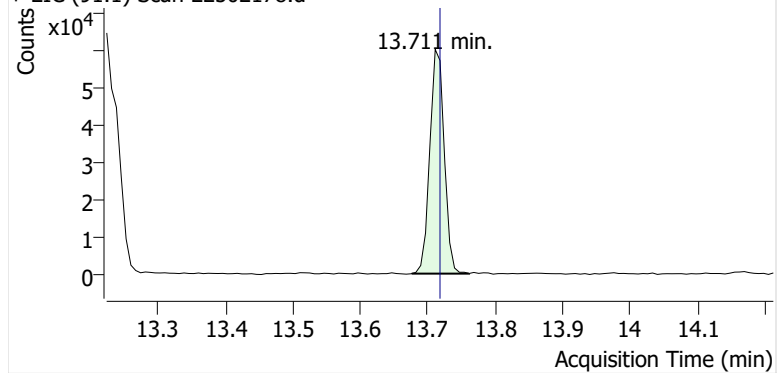


+ Scan (13.169-13.332 min, 23 scans) E2502178.d

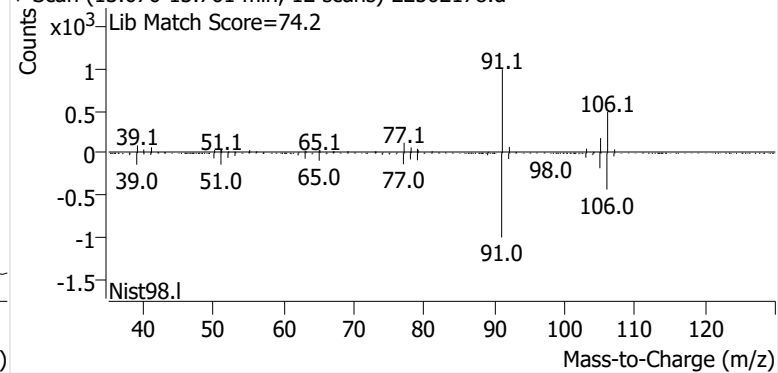


o-Xylene

+ EIC (91.1) Scan E2502178.d

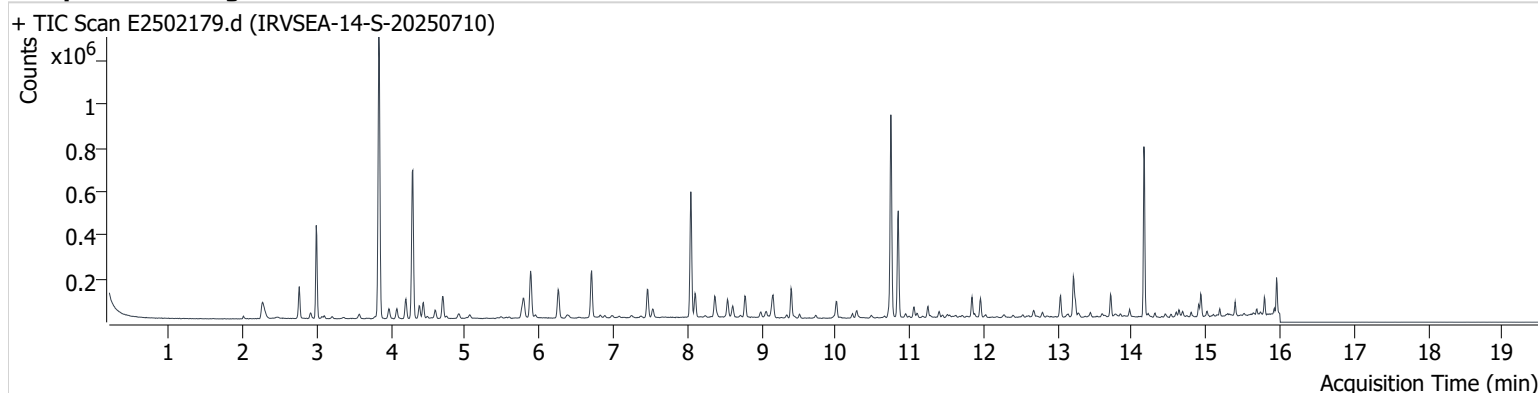


+ Scan (13.676-13.761 min, 12 scans) E2502178.d



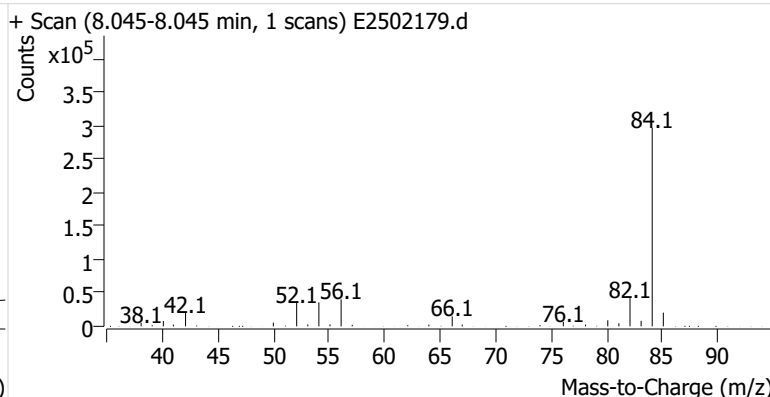
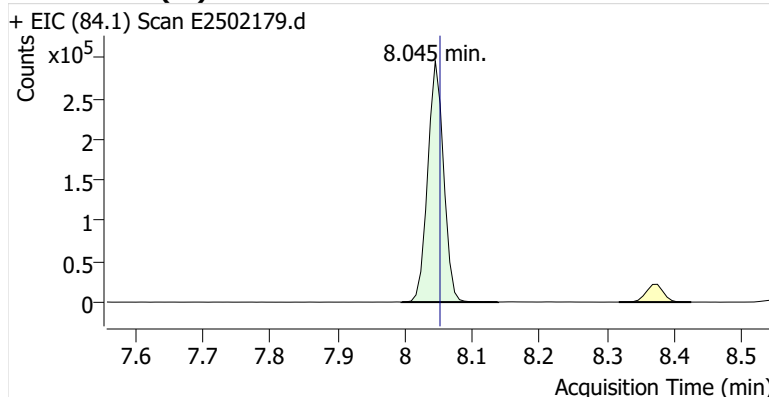
Name IRVSEA-14-S-20250710
Comment B51059
Data File E2502179.d
Acq. Date-Time 7/31/2025 10:11:48 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

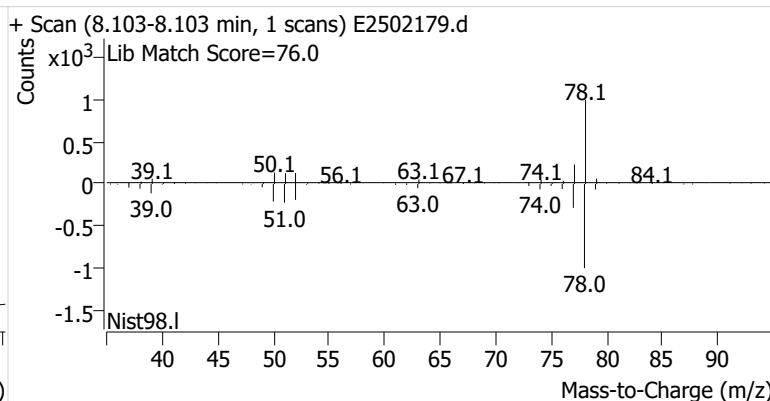
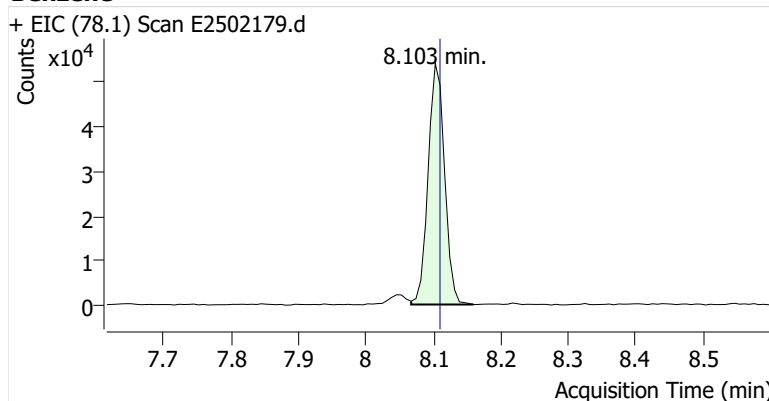


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	483,862	
Benzene	benzene-d6 (IS)	8.103	8.110	91,131	
Toluene-d8 (IS)		10.746	10.753	550,516	
Toluene	Toluene-d8 (IS)	10.846	10.846	302,463	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	63,276	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	134,804	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	54,497	

benzene-d6 (IS)

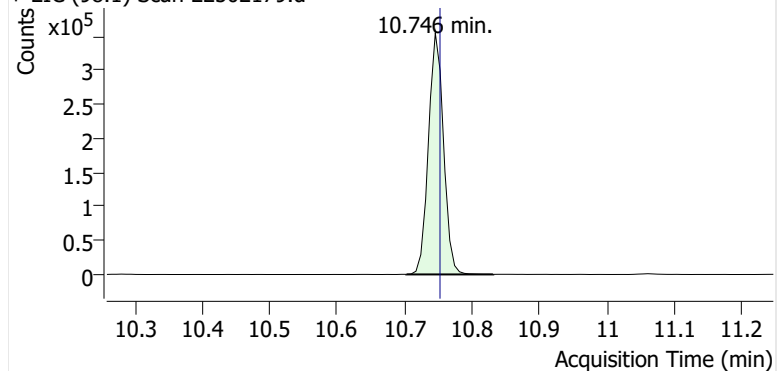


Benzene

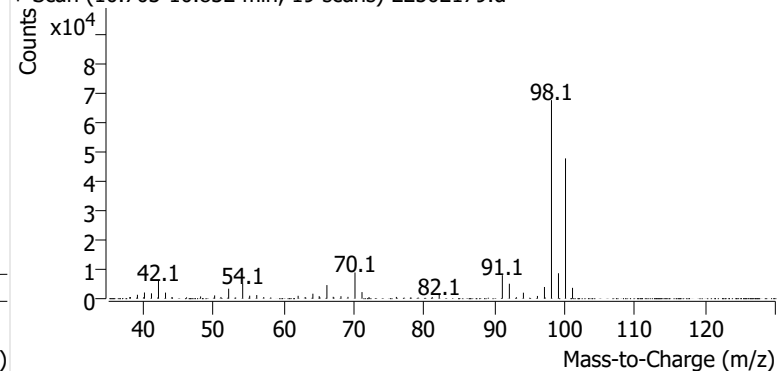


Toluene-d8 (IS)

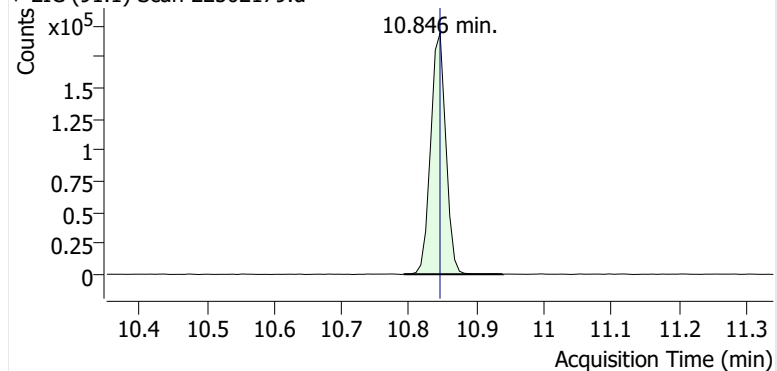
+ EIC (98.1) Scan E2502179.d



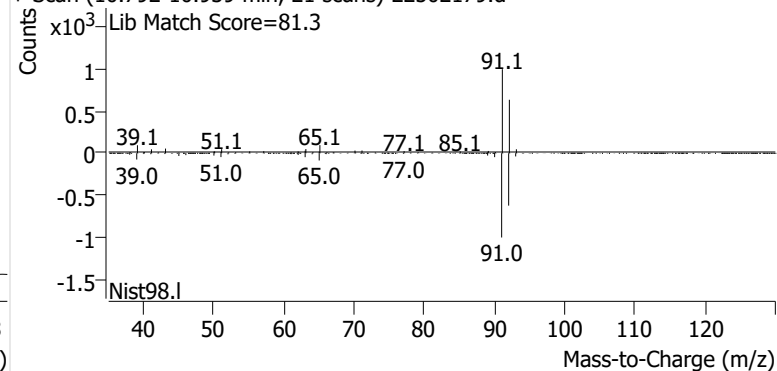
+ Scan (10.703-10.832 min, 19 scans) E2502179.d

**Toluene**

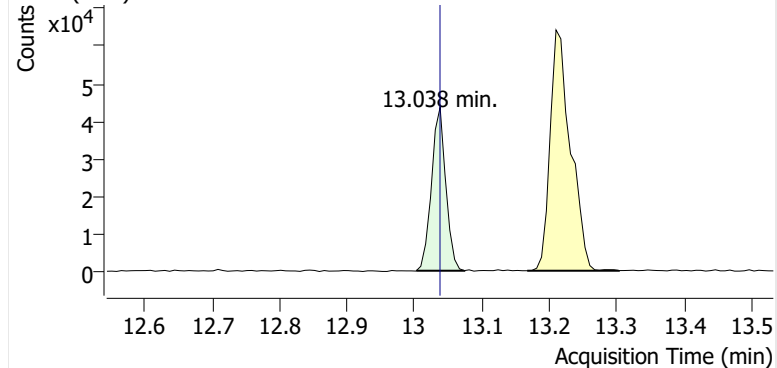
+ EIC (91.1) Scan E2502179.d



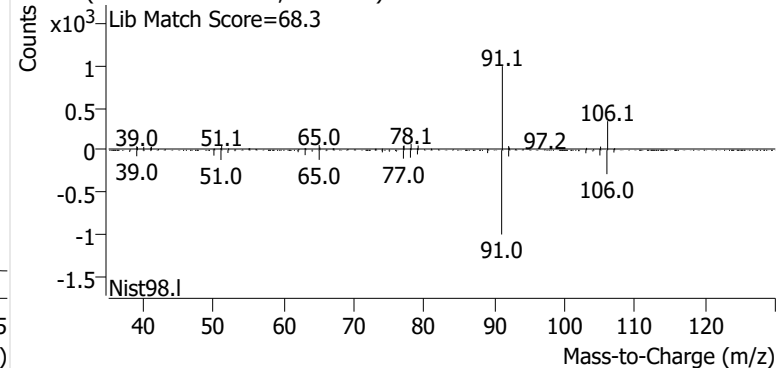
+ Scan (10.792-10.939 min, 21 scans) E2502179.d

**Ethylbenzene**

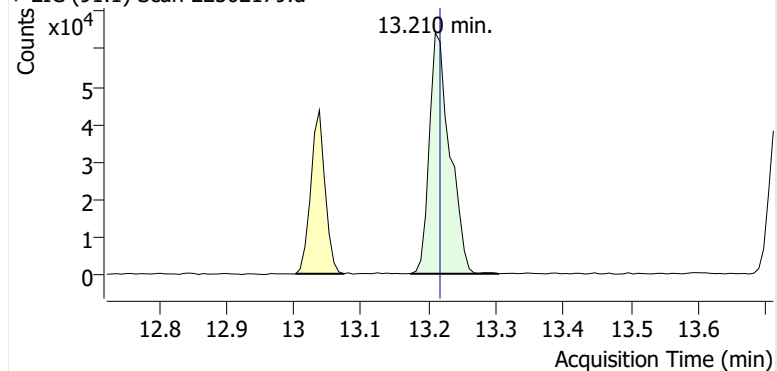
+ EIC (91.1) Scan E2502179.d



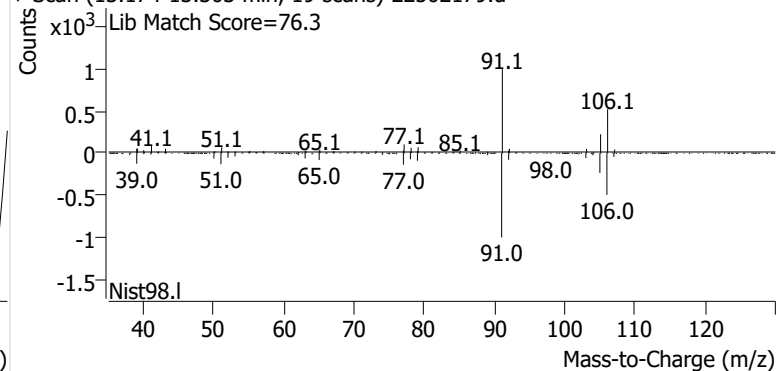
+ Scan (13.003-13.074 min, 10 scans) E2502179.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502179.d

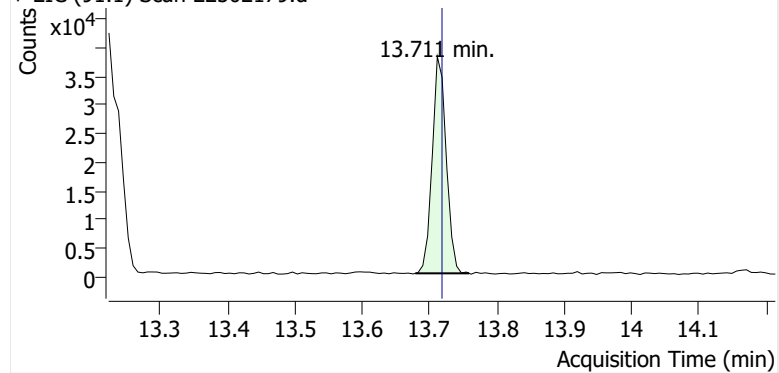


+ Scan (13.174-13.303 min, 19 scans) E2502179.d

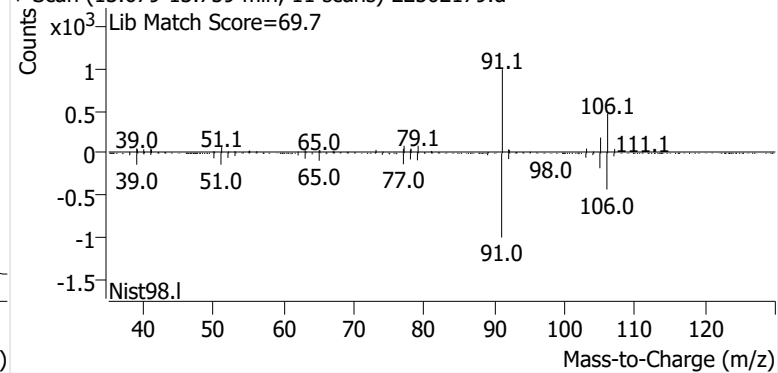


o-Xylene

+ EIC (91.1) Scan E2502179.d

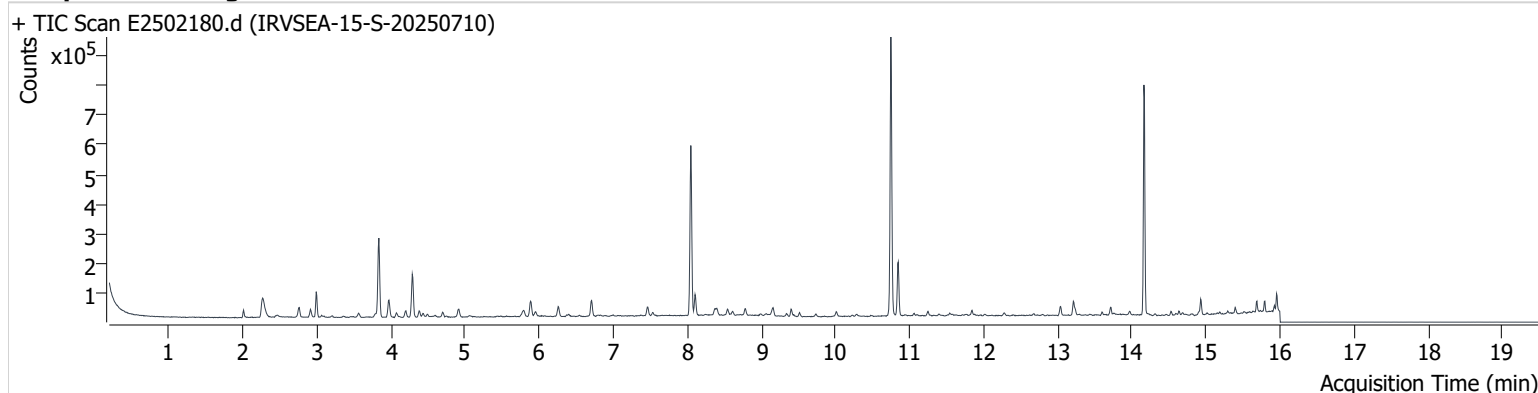


+ Scan (13.679-13.759 min, 11 scans) E2502179.d



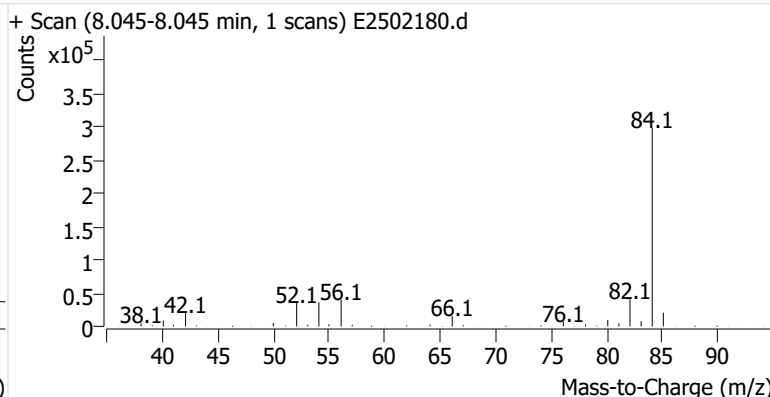
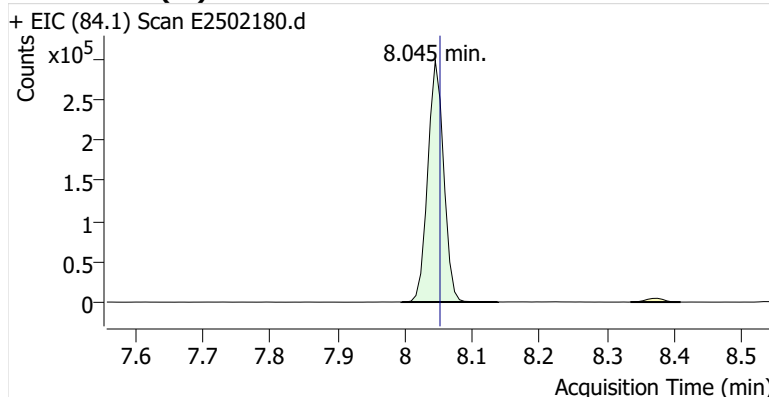
Name IRVSEA-15-S-20250710
Comment C16078
Data File E2502180.d
Acq. Date-Time 7/31/2025 10:37:22 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

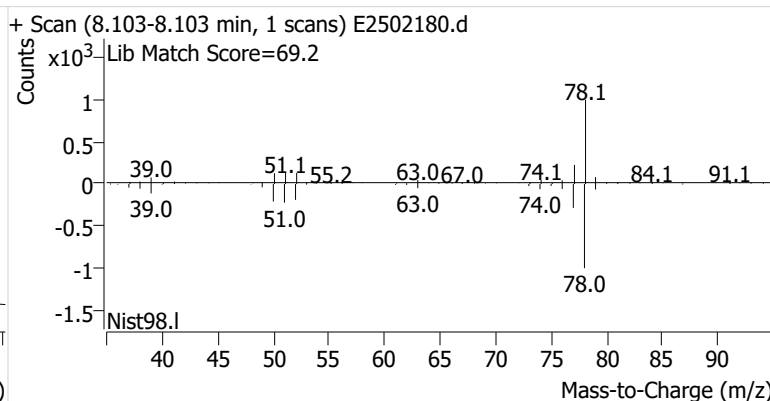
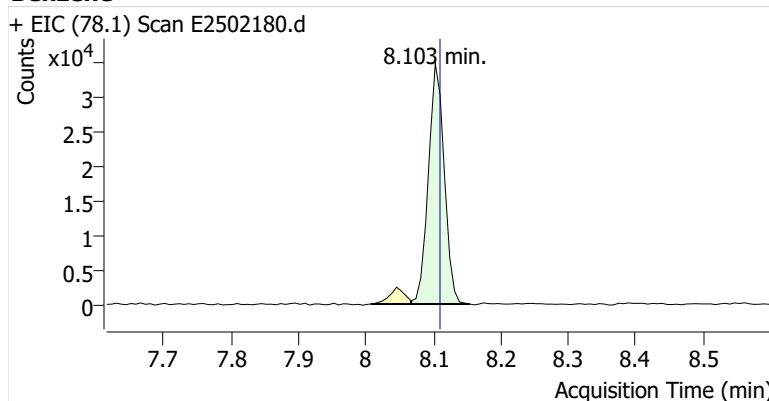


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	487,814	
Benzene	benzene-d6 (IS)	8.103	8.110	56,289	
Toluene-d8 (IS)		10.746	10.753	554,343	
Toluene	Toluene-d8 (IS)	10.846	10.846	118,733	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	19,375	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	34,350	
o-Xylene	Toluene-d8 (IS)	13.718	13.718	13,395	

benzene-d6 (IS)

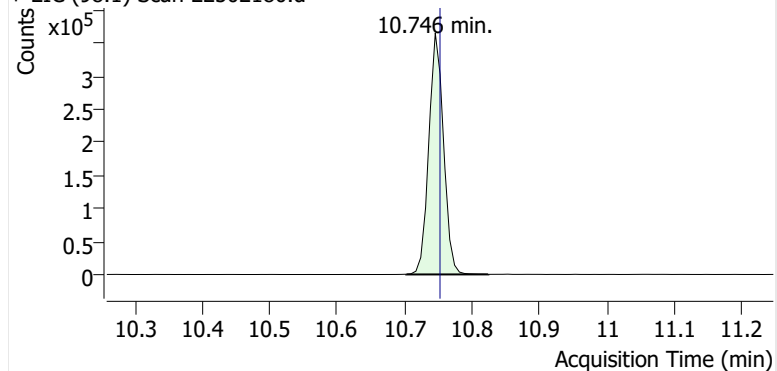


Benzene

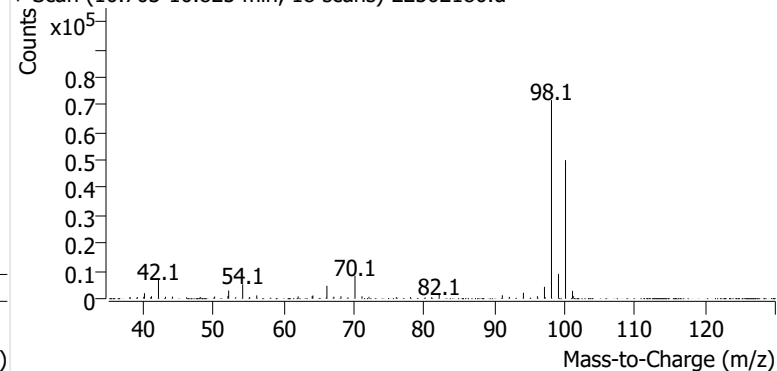


Toluene-d8 (IS)

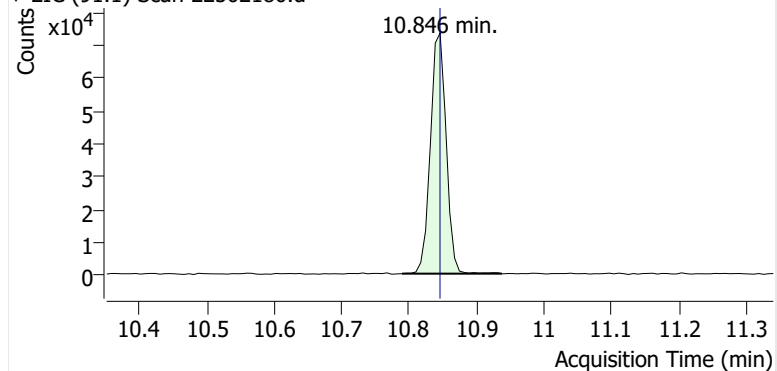
+ EIC (98.1) Scan E2502180.d



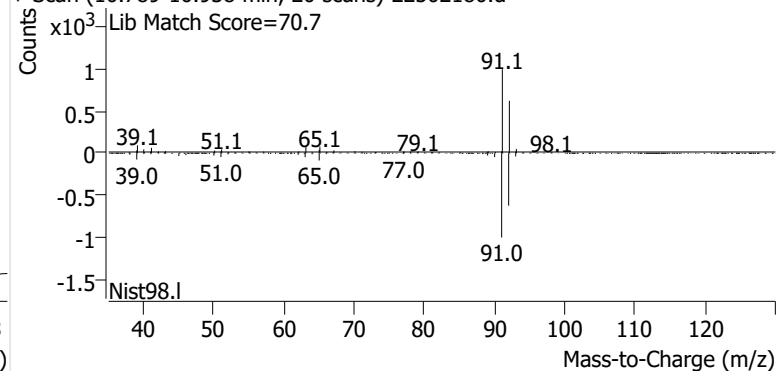
+ Scan (10.703-10.825 min, 18 scans) E2502180.d

**Toluene**

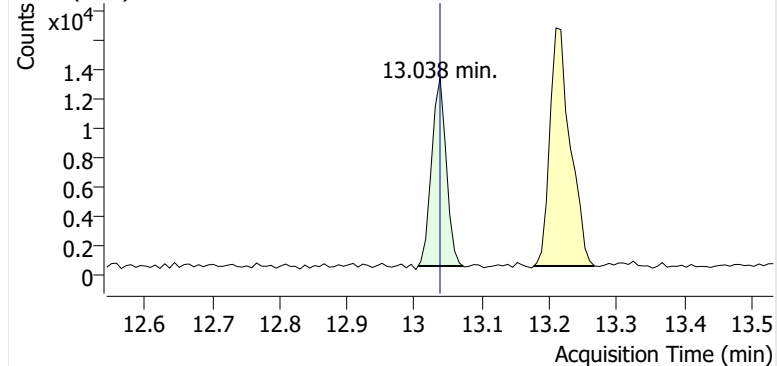
+ EIC (91.1) Scan E2502180.d



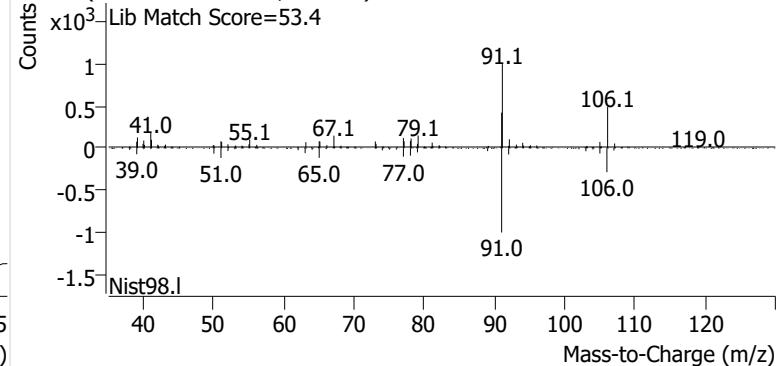
+ Scan (10.789-10.938 min, 20 scans) E2502180.d

**Ethylbenzene**

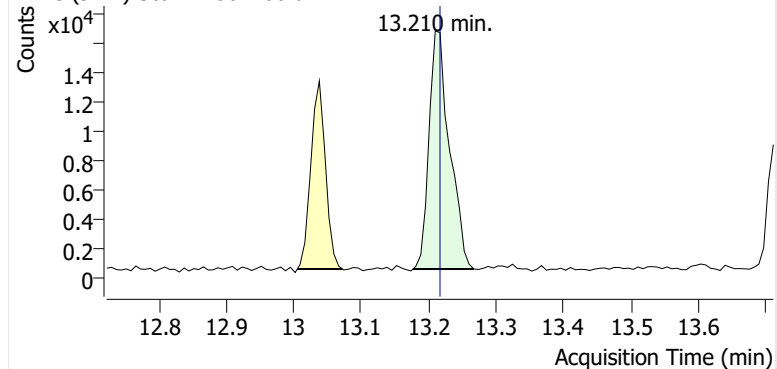
+ EIC (91.1) Scan E2502180.d



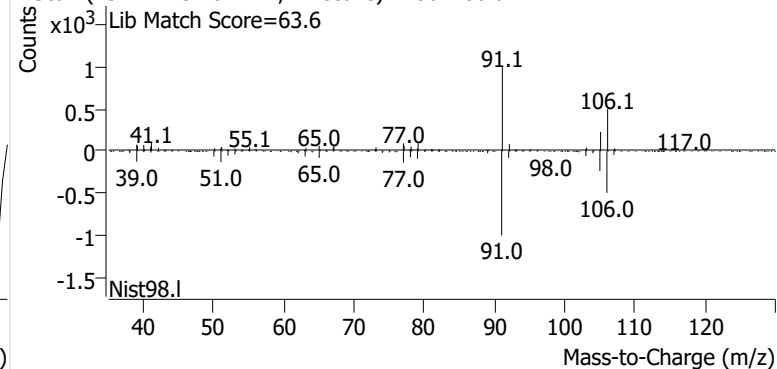
+ Scan (13.005-13.072 min, 9 scans) E2502180.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502180.d

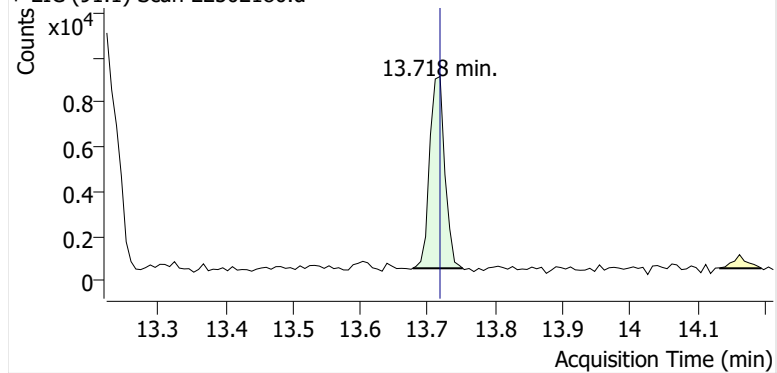


+ Scan (13.177-13.267 min, 12 scans) E2502180.d

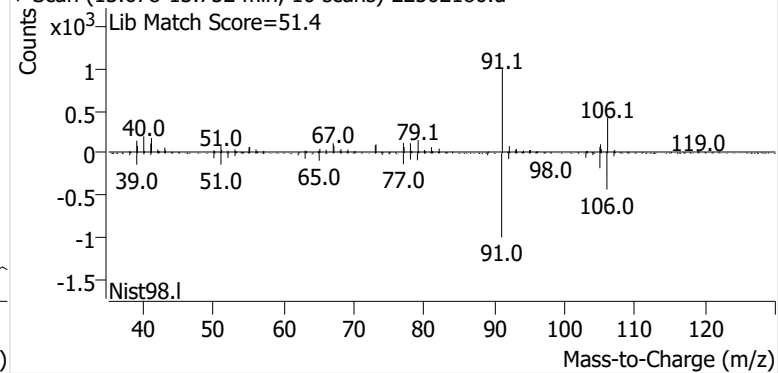


o-Xylene

+ EIC (91.1) Scan E2502180.d

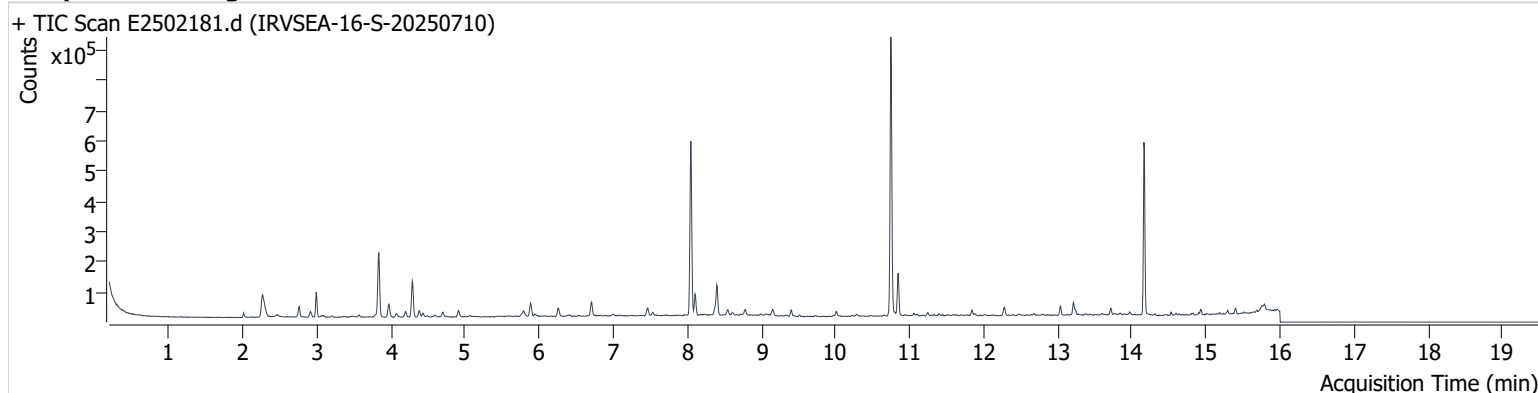


+ Scan (13.678-13.752 min, 10 scans) E2502180.d



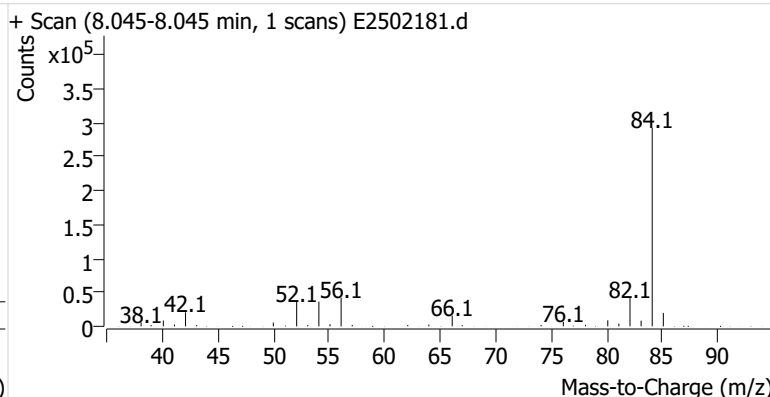
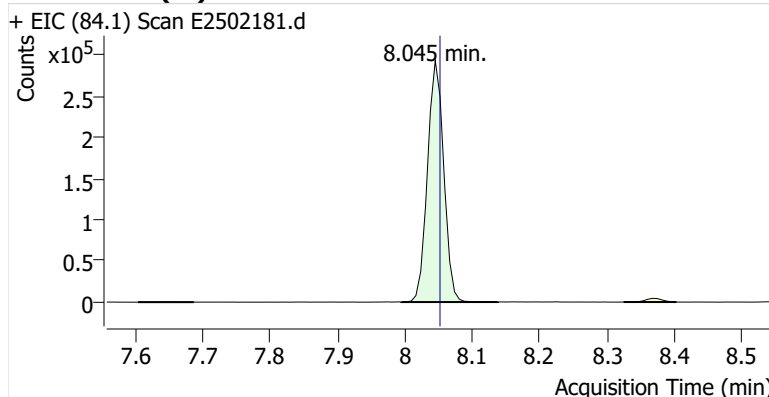
Name IRVSEA-16-S-20250710
Comment B17498
Data File E2502181.d
Acq. Date-Time 7/31/2025 11:02:59 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

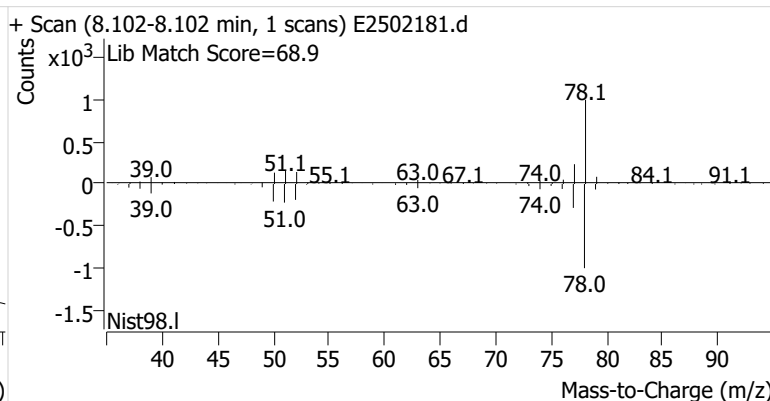
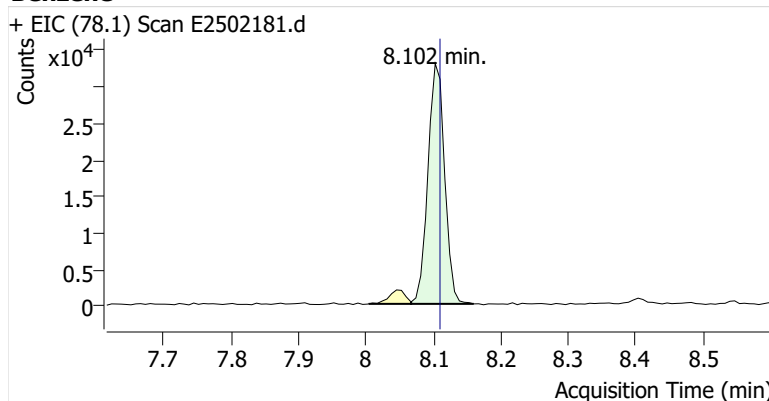


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	490,663	
Benzene	benzene-d6 (IS)	8.102	8.110	56,438	
Toluene-d8 (IS)		10.746	10.753	547,998	
Toluene	Toluene-d8 (IS)	10.846	10.846	89,675	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	18,754	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	29,283	
o-Xylene	Toluene-d8 (IS)	13.718	13.718	11,592	

benzene-d6 (IS)

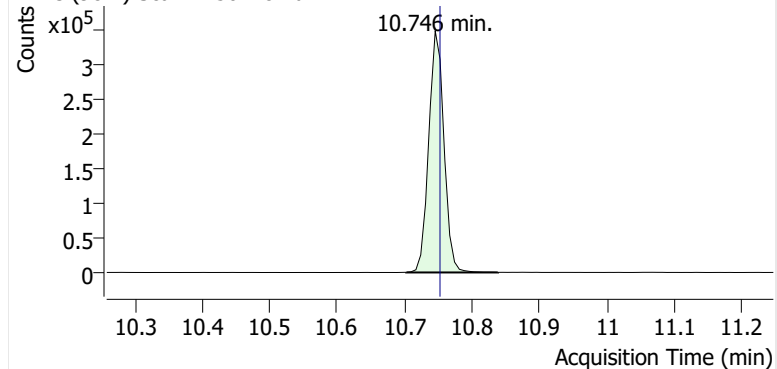


Benzene

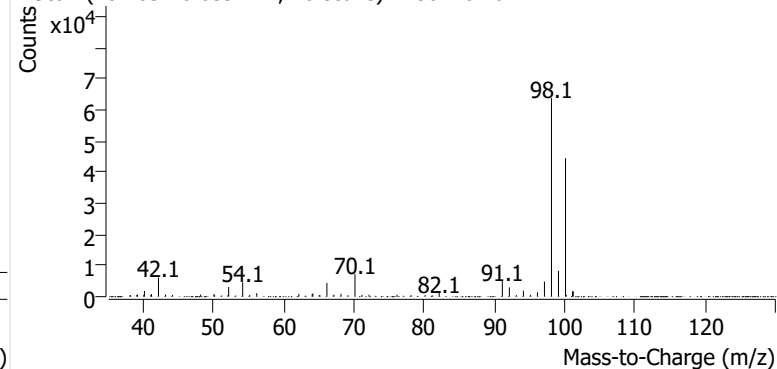


Toluene-d8 (IS)

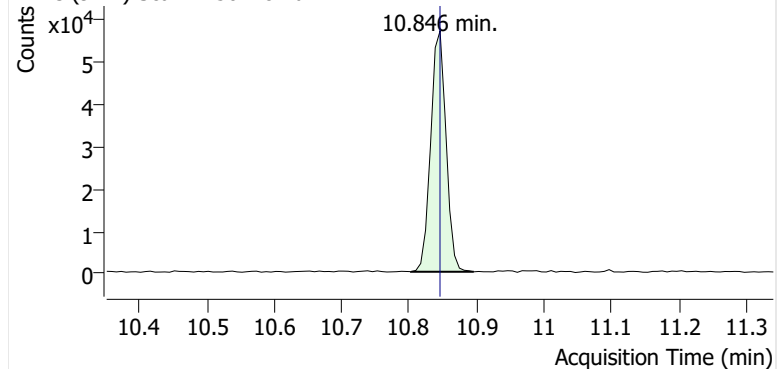
+ EIC (98.1) Scan E2502181.d



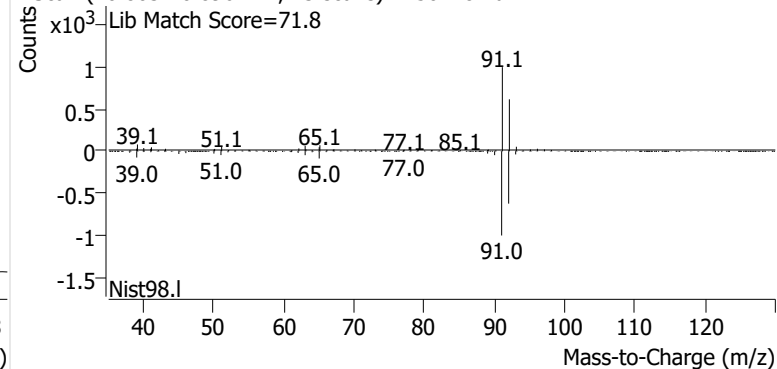
+ Scan (10.703-10.839 min, 20 scans) E2502181.d

**Toluene**

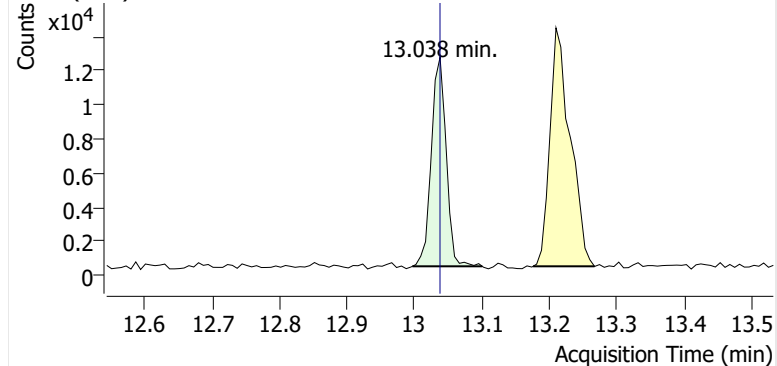
+ EIC (91.1) Scan E2502181.d



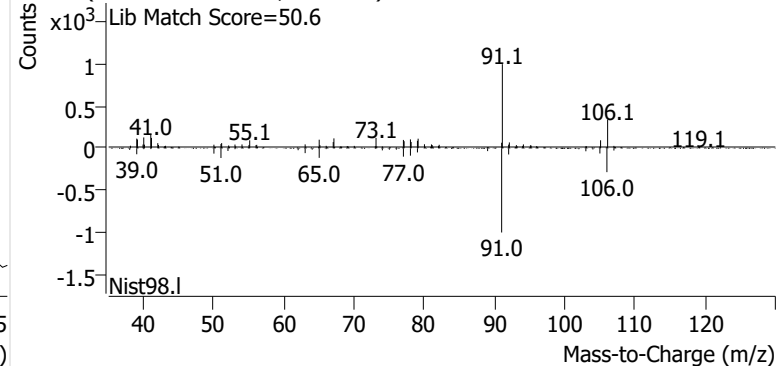
+ Scan (10.803-10.896 min, 13 scans) E2502181.d

**Ethylbenzene**

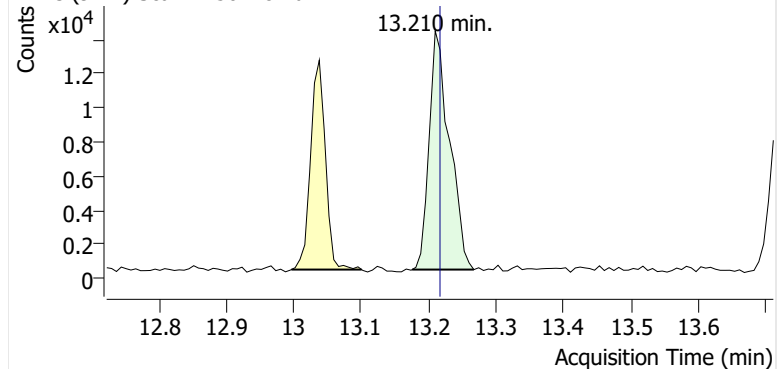
+ EIC (91.1) Scan E2502181.d



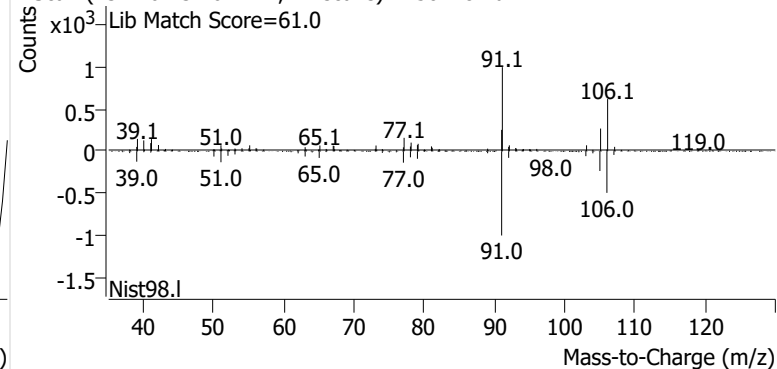
+ Scan (12.997-13.100 min, 14 scans) E2502181.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502181.d

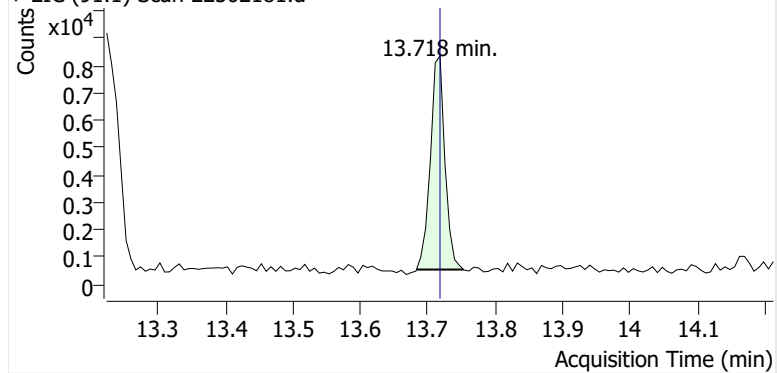


+ Scan (13.176-13.267 min, 12 scans) E2502181.d

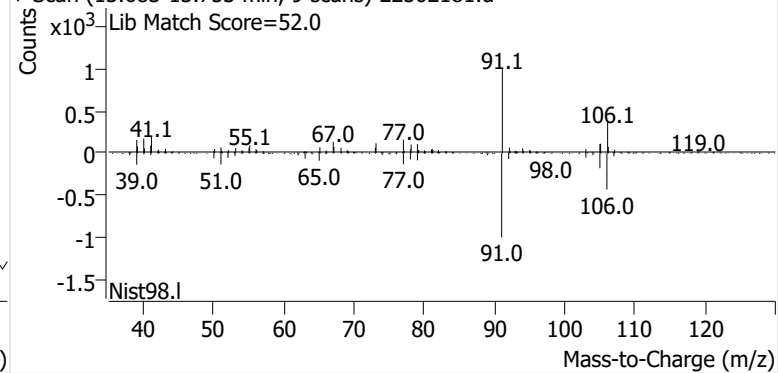


o-Xylene

+ EIC (91.1) Scan E2502181.d

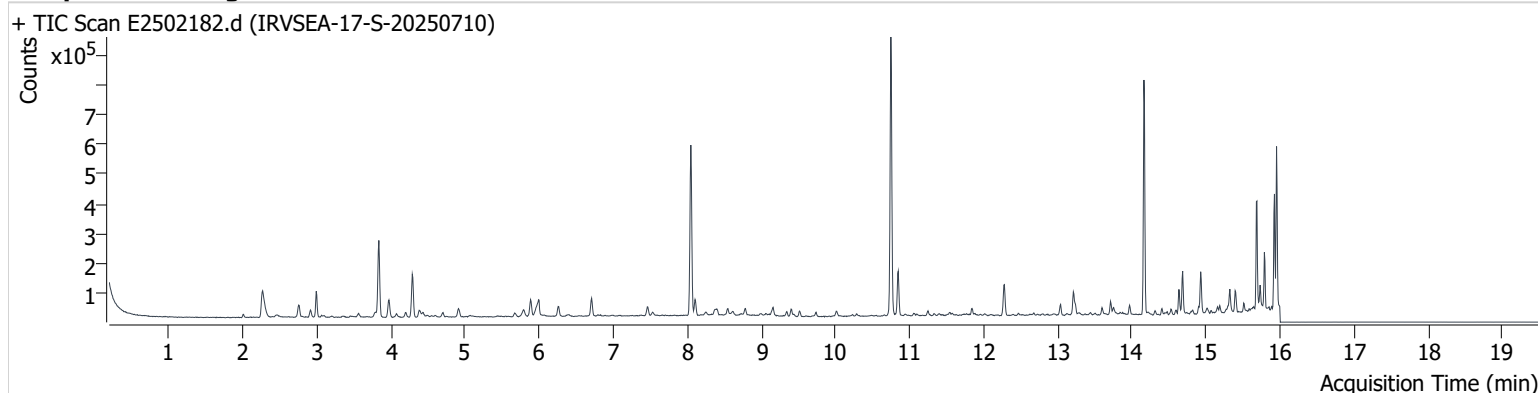


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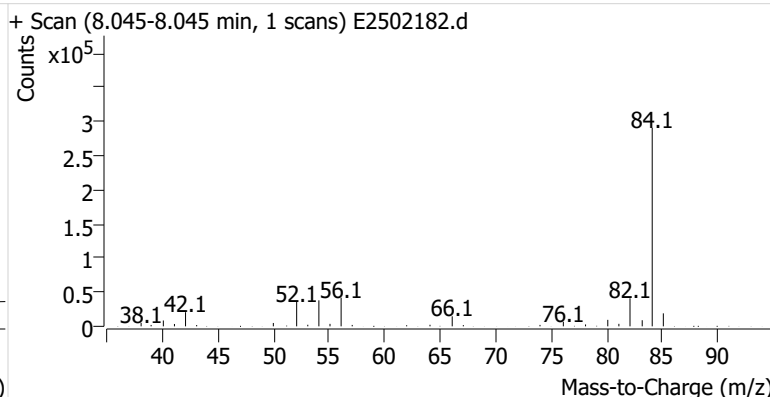
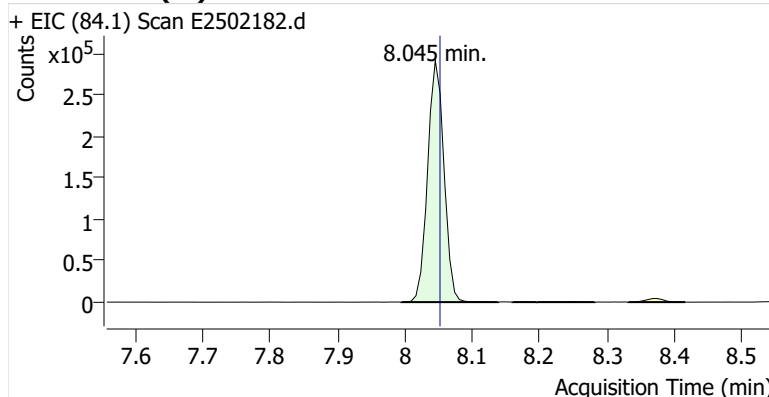
Name IRVSEA-17-S-20250710
Comment C43326
Data File E2502182.d
Acq. Date-Time 7/31/2025 11:28:24 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

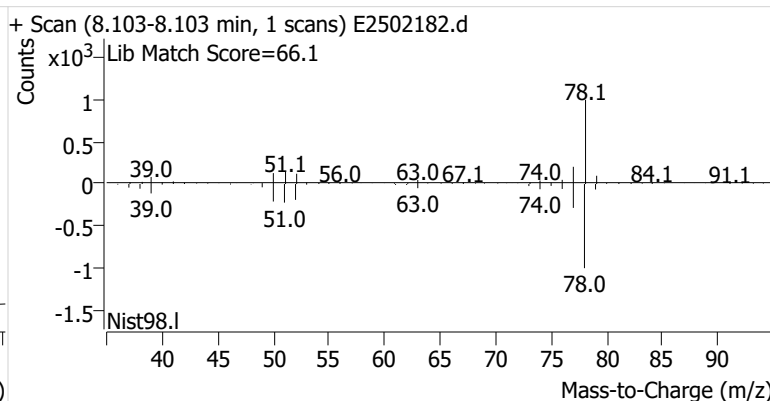
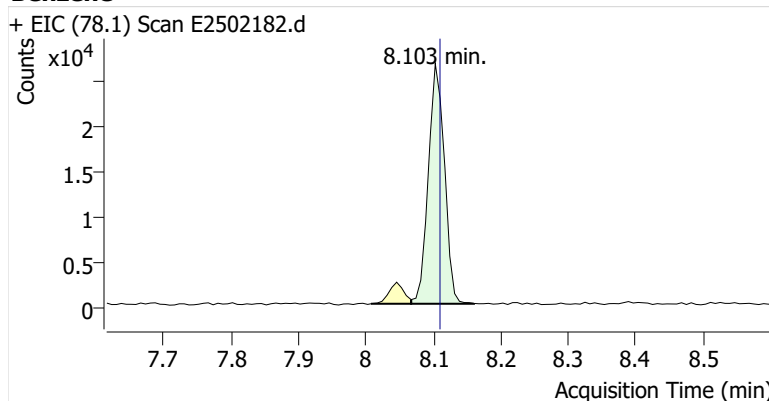


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	489,752	
Benzene	benzene-d6 (IS)	8.103	8.110	44,214	
Toluene-d8 (IS)		10.746	10.753	561,182	
Toluene	Toluene-d8 (IS)	10.846	10.846	95,076	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	21,392	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	57,292	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	21,588	

benzene-d6 (IS)

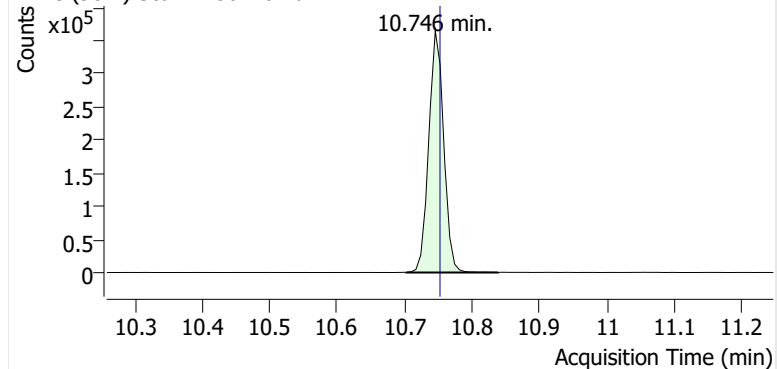


Benzene

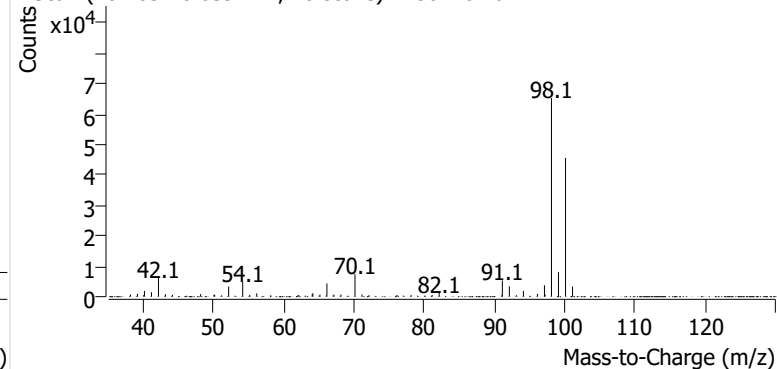


Toluene-d8 (IS)

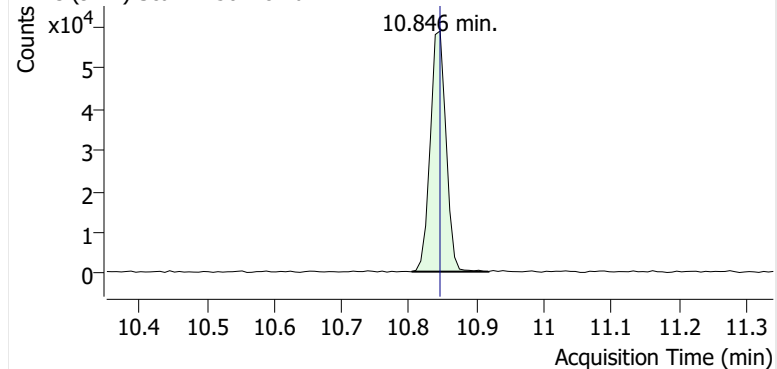
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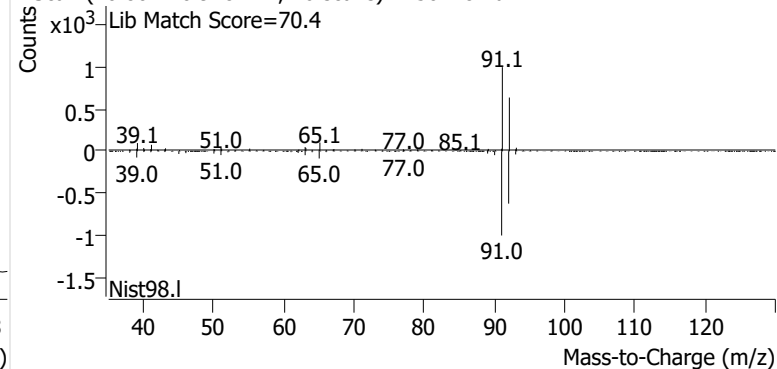
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**Toluene**

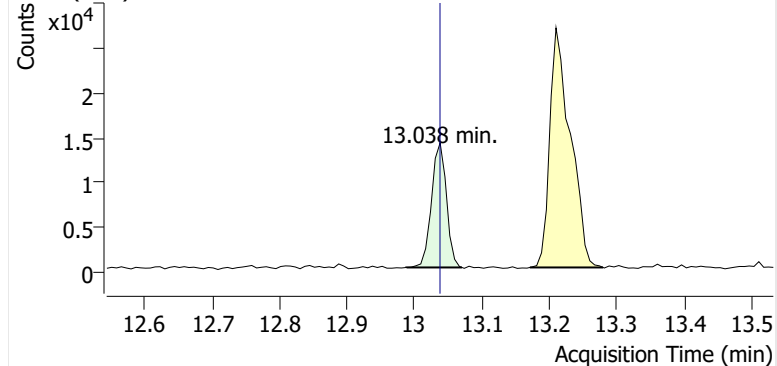
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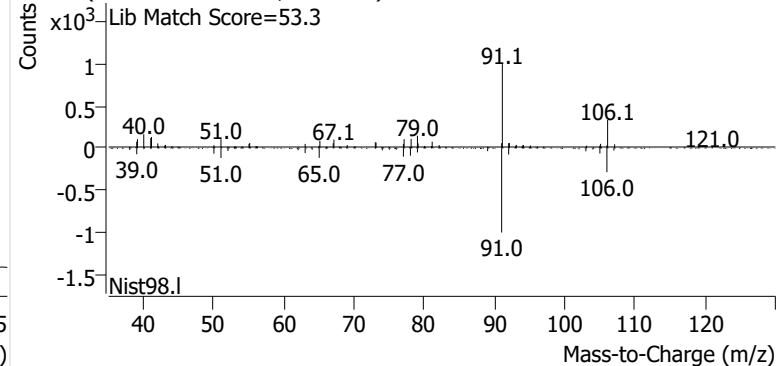
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**Ethylbenzene**

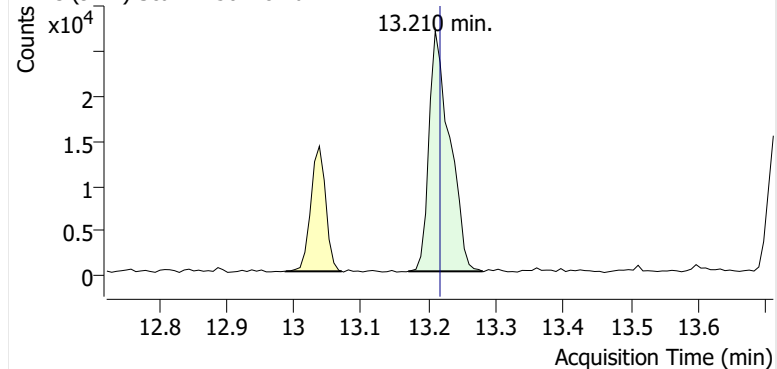
+ EIC (91.1) Scan E2502182.d



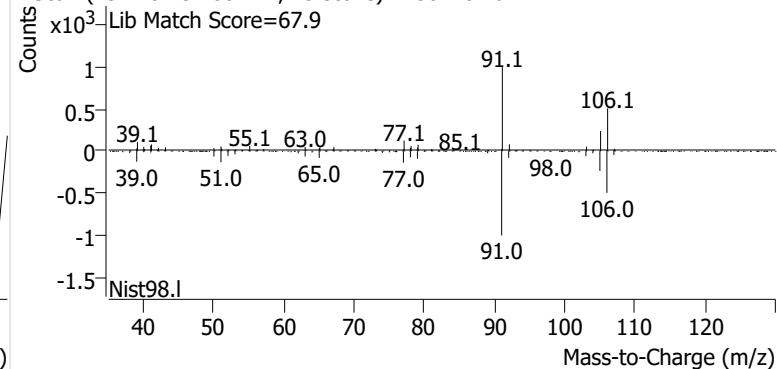
+ Scan (12.988-13.070 min, 12 scans) E2502182.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502182.d

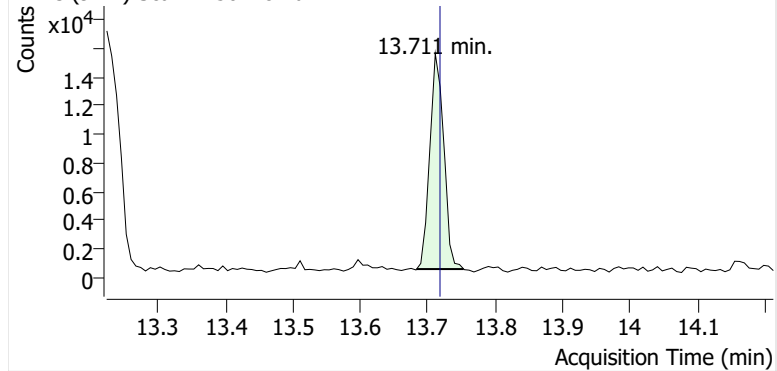


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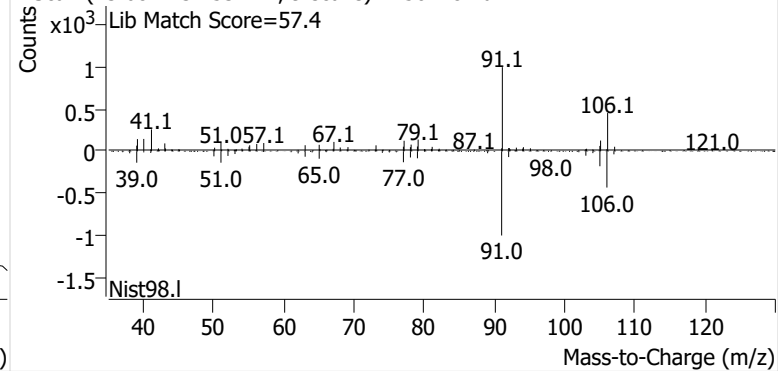


o-Xylene

+ EIC (91.1) Scan E2502182.d



+ Scan (13.684-13.753 min, 9 scans) E2502182.d



Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG302-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E050525A_CC252679	Benzene	1	E2500043.d	4.94	48593	54.2	531168	1.004	0.14
E050525A_CC252679	Benzene	2	E2500044.d	10.06	88289	54.2	525272	0.905	0.032
E050525A_CC252679	Benzene	3	E2500045.d	20.12	167722	54.2	519365	0.869	-0.0086
E050525A_CC252679	Benzene	4	E2500046.d	40.25	314317	54.2	495891	0.853	-0.027
E050525A_CC252679	Benzene	5	E2500047.d	100.62	771973	54.2	516636	0.804	-0.083
E050525A_CC252679	Benzene	6	E2500048.d	201.24	1566630	54.2	517234	0.815	-0.07
E050525A_CC252679	Benzene	7	E2500049.d	603.73	5084416	54.2	514456	0.887	0.011
						Avg:	517146	0.877	
						%RSD:	2.1%	7.6%	
E050525A_CC252679	Toluene	1	E2500043.d	5.34	57611	63.2	569179	1.198	0.21
E050525A_CC252679	Toluene	2	E2500044.d	10.88	96506	63.2	555358	1.009	0.02
E050525A_CC252679	Toluene	3	E2500045.d	21.76	183454	63.2	550972	0.967	-0.023
E050525A_CC252679	Toluene	4	E2500046.d	43.52	328667	63.2	514484	0.927	-0.063
E050525A_CC252679	Toluene	5	E2500047.d	108.80	817722	63.2	541924	0.876	-0.11
E050525A_CC252679	Toluene	6	E2500048.d	217.60	1753197	63.2	536168	0.949	-0.04
E050525A_CC252679	Toluene	7	E2500049.d	652.80	5564266	63.2	538797	0.999	0.01
						Avg:	543840	0.989	
						%RSD:	3.2%	10.3%	
E050525A_CC252679	Ethylbenzene	1	E2500043.d	5.13	60169	63.2	569179	1.301	0.089
E050525A_CC252679	Ethylbenzene	2	E2500044.d	10.46	105835	63.2	555358	1.151	-0.037
E050525A_CC252679	Ethylbenzene	3	E2500045.d	20.92	208215	63.2	550972	1.141	-0.045
E050525A_CC252679	Ethylbenzene	4	E2500046.d	41.83	392499	63.2	514484	1.152	-0.036
E050525A_CC252679	Ethylbenzene	5	E2500047.d	104.58	995735	63.2	541924	1.110	-0.071
E050525A_CC252679	Ethylbenzene	6	E2500048.d	209.16	2327735	63.2	536168	1.311	0.097
E050525A_CC252679	Ethylbenzene	7	E2500049.d	627.49	6406466	63.2	538797	1.197	0.0018
						Avg:	543840	1.195	
						%RSD:	3.2%	6.7%	
E050525A_CC252679	m-/p-Xylenes	1	E2500043.d	4.85	58394	63.2	569179	1.337	0.29
E050525A_CC252679	m-/p-Xylenes	2	E2500044.d	9.88	88399	63.2	555358	1.018	-0.019
E050525A_CC252679	m-/p-Xylenes	3	E2500045.d	19.75	172744	63.2	550972	1.003	-0.034
E050525A_CC252679	m-/p-Xylenes	4	E2500046.d	39.51	305031	63.2	514484	0.948	-0.086
E050525A_CC252679	m-/p-Xylenes	5	E2500047.d	98.77	730099	63.2	541924	0.862	-0.17
E050525A_CC252679	m-/p-Xylenes	6	E2500048.d	197.54	1739458	63.2	536168	1.037	-4.1E-05
E050525A_CC252679	m-/p-Xylenes	7	E2500049.d	592.63	5345328	63.2	538797	1.057	0.019
						Avg:	543840	1.037	
						%RSD:	3.2%	14.2%	
E050525A_CC252679	o-Xylene	1	E2500043.d	5.05	50277	63.2	569179	1.104	0.16
E050525A_CC252679	o-Xylene	2	E2500044.d	10.30	81187	63.2	555358	0.896	-0.056
E050525A_CC252679	o-Xylene	3	E2500045.d	20.60	161444	63.2	550972	0.898	-0.054

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG302-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E050525A_CC252679	o-Xylene	4	E2500046.d	41.21	299918	63.2	514484	0.894	-0.059
E050525A_CC252679	o-Xylene	5	E2500047.d	103.02	797704	63.2	541924	0.903	-0.05
E050525A_CC252679	o-Xylene	6	E2500048.d	206.03	1692581	63.2	536168	0.968	0.019
E050525A_CC252679	o-Xylene	7	E2500049.d	618.10	5206672	63.2	538797	0.988	0.04
						Avg:	543840	0.950	
						%RSD:	3.2%	8.2%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E050525A_CC252679	Benzene	ICV	E2500050.d	64.90	531194	54.2	505187	0.878	0.1%
E050525A_CC252679	Toluene	ICV	E2500050.d	77.40	626119	63.2	533535	0.958	-3.2%
E050525A_CC252679	Ethylbenzene	ICV	E2500050.d	87.14	736386	63.2	533535	1.001	-16.0%
E050525A_CC252679	m-/p-Xylenes	ICV	E2500050.d	90.70	588321	63.2	533535	0.768	-26.0%
E050525A_CC252679	o-Xylene	ICV	E2500050.d	89.27	625693	63.2	533535	0.830	-13.0%

Sample Custody

222566322



EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record
Page # 1 of # 1

- ☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: Irving SeavSPORT	Client Name: Montrose Air	PO#:
Site Address: 52 Station Ave.	Project Number: # 027957	Sample Event #
City: SeavSPORT	Project Manager: HAIG BROCHU	Sorbent:
State: Maine	Email Address: haigbrochu@montrose-envi.com	
Zip: 04974	Telephone #: 207.441.0025	

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/ Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C 17294	S	7/10/25	800	7/24/25	815	HFB		
2	C 01914	S		810		825			
2	C 55548	D		810		825			
2	C 33283	B		810		825			
3	C 34188	S		820		835			
4	C 39044	S		830		845			
5	C 24281	S		840		855			
6	C 55325	S		850		905			
7	C 53575	S		900		915			
8	B 47138	S		910		925			
8	B 42298	D		910		925			
8	B 28899	B		910		925			
9	C 40537	S		920		935			
10	C 38567	S		930		945			
11	C 57738	S		940		955			
12	C 32866	S		950		1010			
13	B 12139	S		1000		1020			
14	B 51059	S		1010		1030			
15	C 16078	S		1040		1100			
16	B 17498	S		1050		1110			
17	C 43326	S	7/10/25	1100	7/24/25	1120	HFB		

Relinquished By (printed): HAIG BROCHU	Relinquished By (signature):	Relinquished Date: 7/24/2025	Relinquished Time: 1615
Received By (printed): Daniel Simpson	Received By (signature):	Receipt Date: 7/29/25	Receipt Time: 2:41
Sample Condition Upon Receipt: Good	Compound List: Sites 7 & 8 have a open tank approx. 50' feet away	Custody Seal intact? Y/N:	Delivery tracking #
Ice Temp: 25.3	Blank Temp: Flake 4	Add Custody Seal # below:	

Comments:

**This Is The Last Page
Of This Report.**

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 24 Irving Oil - Searsport

Client Project# PROJ-050105

Samples Received: 8/11/2025

Analytical Report 2025GG303

EPA Method 325B Analysis

Report Issue Date: 8/19/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



QA Review by Isabel Obando Marrero, Data Reviewer



Matt Cavanaugh
Matthew.Cavanaugh@enthalpy.com / www.enthalpy.com
O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG303-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on August 11, 2025 at 22.1 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20250724	C37005	Sample
IRVSEA-2-S-20250724	C60245	Sample
IRVSEA-2-D-20250724	B50680	Duplicate
IRVSEA-2-B-20250724	B46098	Blank
IRVSEA-3-S-20250724	B52892	Sample
IRVSEA-4-S-20250724	C57528	Sample
IRVSEA-5-S-20250724	B47185	Sample
IRVSEA-6-S-20250724	C55374	Sample
IRVSEA-7-S-20250724	C59918	Sample
IRVSEA-8-S-20250724	C65292	Sample
IRVSEA-8-D-20250724	C24082	Duplicate
IRVSEA-8-B-20250724	C34148	Blank
IRVSEA-9-S-20250724	C43725	Sample
IRVSEA-10-S-20250724	C55394	Sample
IRVSEA-11-S-20250724	C43607	Sample
IRVSEA-12-S-20250724	B19700	Sample
IRVSEA-13-S-20250724	B48031	Sample
IRVSEA-14-S-20250724	C61573	Sample
IRVSEA-15-S-20250724	C55555	Sample
IRVSEA-16-S-20250724	C39244	Sample
IRVSEA-17-S-20250724	C61723	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-TD35 is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG303-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (P041125A_CC252679_R1_QT_CC185154) met all 30% RSD criteria. The initial calibration verification met 30% difference criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG303-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20250724	C37005	0.837		1.94		0.496	J	1.67		0.602	
IRVSEA-2-S-20250724	C60245	1.02		2.31		0.711		2.73		0.936	
IRVSEA-2-D-20250724	B50680	1.26		2.86		0.882		3.29		1.07	
IRVSEA-2-B-20250724	B46098	0.186	ND	0.240	ND	0.271	ND	0.271	ND	0.271	ND
IRVSEA-3-S-20250724	B52892	1.12		3.07		1.03		4.09		1.32	
IRVSEA-4-S-20250724	C57528	1.33		3.49		2.12		9.15		2.50	
IRVSEA-5-S-20250724	B47185	0.965		2.00		1.06		4.28		1.20	
IRVSEA-6-S-20250724	C55374	1.28		3.54		1.38		5.88		1.87	
IRVSEA-7-S-20250724	C59918	2.07		7.09		4.22		17.6		4.61	
IRVSEA-8-S-20250724	C65292	4.13		14.8		3.49		13.4		4.59	
IRVSEA-8-D-20250724	C24082	4.47		14.4		3.35		13.3		4.68	
IRVSEA-8-B-20250724	C34148	0.186	ND	0.240	ND	0.271	ND	0.271	ND	0.271	ND
IRVSEA-9-S-20250724	C43725	1.88		5.97		1.55		5.21		1.88	
IRVSEA-10-S-20250724	C55394	2.37		7.60		1.46		5.71		2.22	
IRVSEA-11-S-20250724	C43607	2.47		8.44		1.67		6.05		2.42	
IRVSEA-12-S-20250724	B19700	1.51		4.65		0.925		3.03		1.16	
IRVSEA-13-S-20250724	B48031	1.22		2.47		0.547	J	1.56		0.581	
IRVSEA-14-S-20250724	C61573	0.876		2.08		0.463	J	1.84		0.694	
IRVSEA-15-S-20250724	C55555	0.817		1.28		0.272	ND	0.800		0.327	J
IRVSEA-16-S-20250724	C39244	0.684		0.922		0.272	ND	0.546		0.272	ND
IRVSEA-17-S-20250724	C61723	0.730		1.15		0.272	ND	0.925		0.423	J

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG303-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250724	C37005	0.837	0.262	11.2	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505145.D	2025-08-12 16:33	0.998	8.408	92967	749508	90.3	8.349	-3.9%
IRVSEA-2-S-20250724	C60245	1.02	0.319	13.7	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505146.D	2025-08-12 17:10	0.998	8.408	112356	743275	90.3	8.349	-4.7%
IRVSEA-2-D-20250724	B50680	1.26	0.395	16.9	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505147.D	2025-08-12 17:48	0.998	8.402	142809	763740	90.3	8.349	-2.0%
IRVSEA-2-B-20250724	B46098	0.186	0.0584		70.3	0.666	20145	0.186	0.370	0.0584	0.116	ND	P2505143.D	2025-08-12 15:19	0.998	8.361	7475	759872	90.3	8.343	-2.5%
IRVSEA-3-S-20250724	B52892	1.12	0.352	15.1	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505148.D	2025-08-12 18:25	0.998	8.408	129551	777918	90.3	8.349	-0.2%
IRVSEA-4-S-20250724	C57528	1.33	0.415	17.8	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505149.D	2025-08-12 19:02	0.998	8.402	146183	743600	90.3	8.349	-4.6%
IRVSEA-5-S-20250724	B47185	0.965	0.302	12.9	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505150.D	2025-08-12 19:40	0.998	8.402	107774	753944	90.3	8.349	-3.3%
IRVSEA-6-S-20250724	C55374	1.28	0.402	17.2	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505151.D	2025-08-12 20:17	0.998	8.408	139389	732049	90.3	8.349	-6.1%
IRVSEA-7-S-20250724	C59918	2.07	0.648	27.8	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505152.D	2025-08-12 20:54	0.998	8.402	236293	770145	90.3	8.349	-1.2%
IRVSEA-8-S-20250724	C65292	4.13	1.29	55.3	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505153.D	2025-08-12 21:32	0.998	8.397	461348	754548	90.3	8.349	-3.2%
IRVSEA-8-D-20250724	C24082	4.47	1.40	60.0	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505154.D	2025-08-12 22:09	0.998	8.396	425150	641524	90.3	8.349	-17.7%
IRVSEA-8-B-20250724	C34148	0.186	0.0584		70.3	0.666	20145	0.186	0.370	0.0584	0.116	ND	P2505144.D	2025-08-12 15:56	0.998	8.349	8366	759650	90.3	8.349	-2.6%
IRVSEA-9-S-20250724	C43725	1.88	0.587	25.2	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505156.D	2025-08-12 23:47	0.998	8.403	209588	754188	90.3	8.349	-3.3%
IRVSEA-10-S-20250724	C55394	2.37	0.743	31.8	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505157.D	2025-08-13 00:24	0.998	8.403	266455	758289	90.3	8.349	-2.7%
IRVSEA-11-S-20250724	C43607	2.47	0.775	33.2	70.3	0.666	20145	0.186	0.370	0.0584	0.116		P2505158.D	2025-08-13 01:01	0.998	8.403	280846	766249	90.3	8.349	-1.7%
IRVSEA-12-S-20250724	B19700	1.51	0.474	20.3	70.3	0.666	20140	0.186	0.370	0.0584	0.116		P2505159.D	2025-08-13 01:39	0.998	8.408	168137	749322	90.3	8.349	-3.9%
IRVSEA-13-S-20250724	B48031	1.22	0.382	16.4	70.3	0.666	20140	0.186	0.370	0.0584	0.116		P2505160.D	2025-08-13 02:16	0.998	8.414	138542	766854	90.3	8.349	-1.6%
IRVSEA-14-S-20250724	C61573	0.876	0.274	11.7	70.3	0.666	20140	0.186	0.370	0.0584	0.116		P2505161.D	2025-08-13 02:53	0.998	8.403	100062	770808	90.3	8.349	-1.1%
IRVSEA-15-S-20250724	C55555	0.817	0.256	11.0	70.3	0.666	20140	0.186	0.370	0.0584	0.116		P2505162.D	2025-08-13 03:30	0.998	8.408	91576	756161	90.3	8.349	-3.0%
IRVSEA-16-S-20250724	C39244	0.684	0.214	9.17	70.3	0.666	20140	0.186	0.370	0.0584	0.116		P2505163.D	2025-08-13 04:08	0.998	8.414	77966	769347	90.3	8.349	-1.3%
IRVSEA-17-S-20250724	C61723	0.730	0.229	9.80	70.3	0.666	20140	0.186	0.370	0.0584	0.116		P2505164.D	2025-08-13 04:45	0.998	8.414	82100	758606	90.3	8.349	-2.7%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250724	C37005	1.94	0.516	20.2	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505145.D	2025-08-12 16:33	1.050	11.002	182432	904761	105.3	10.913	-2.3%
IRVSEA-2-S-20250724	C60245	2.31	0.614	24.1	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505146.D	2025-08-12 17:10	1.050	11.008	217195	904641	105.3	10.913	-2.3%
IRVSEA-2-D-20250724	B50680	2.86	0.759	29.7	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505147.D	2025-08-12 17:48	1.050	11.008	269597	909101	105.3	10.913	-1.8%
IRVSEA-2-B-20250724	B46098	0.240	0.0638		70.3	0.517	20145	0.240	0.515	0.0638	0.137	ND	P2505143.D	2025-08-12 15:19	1.050	11.002	6535	901101	105.3	10.907	-2.7%
IRVSEA-3-S-20250724	B52892	3.07	0.816	32.0	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505148.D	2025-08-12 18:25	1.050	11.002	295418	925867	105.3	10.913	0.0%
IRVSEA-4-S-20250724	C57528	3.49	0.928	36.4	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505149.D	2025-08-12 19:02	1.050	11.002	327257	902161	105.3	10.913	-2.6%
IRVSEA-5-S-20250724	B47185	2.00	0.530	20.8	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505150.D	2025-08-12 19:40	1.050	11.008	185354	895006	105.3	10.913	-3.4%
IRVSEA-6-S-20250724	C55374	3.54	0.940	36.8	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505151.D	2025-08-12 20:17	1.050	11.002	328572	894601	105.3	10.913	-3.4%
IRVSEA-7-S-20250724	C59918	7.09	1.88	73.8	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505152.D	2025-08-12 20:54	1.050	11.002	678459	922451	105.3	10.913	-0.4%
IRVSEA-8-S-20250724	C65292	14.8	3.94	154	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505153.D	2025-08-12 21:32	1.050	11.002	1423549	925295	105.3	10.907	-0.1%
IRVSEA-8-D-20250724	C24082	14.4	3.82	150	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505154.D	2025-08-12 22:09	1.050	11.008	1407708	943482	105.3	10.907	1.9%
IRVSEA-8-B-20250724	C34148	0.240	0.0638		70.3	0.517	20145	0.240	0.515	0.0638	0.137	ND	P2505144.D	2025-08-12 15:56	1.050	11.002	10486	906798	105.3	10.913	-2.1%
IRVSEA-9-S-20250724	C43725	5.97	1.59	62.2	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505156.D	2025-08-12 23:47	1.050	11.008	568832	917769	105.3	10.913	-0.9%
IRVSEA-10-S-20250724	C55394	7.60	2.02	79.2	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505157.D	2025-08-13 00:24	1.050	11.008	729331	924023	105.3	10.913	-0.2%
IRVSEA-11-S-20250724	C43607	8.44	2.24	87.9	70.3	0.517	20145	0.240	0.515	0.0638	0.137		P2505158.D	2025-08-13 01:01	1.050	11.002	816082	931181	105.3	10.913	0.6%
IRVSEA-12-S-20250724	B19700	4.65	1.24	48.4	70.3	0.517	20140	0.240	0.516	0.0638	0.137		P2505159.D	2025-08-13 01:39	1.050	11.002	441719	915071	105.3	10.913	-1.2%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG303-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20250724	B48031	2.47	0.656	25.7	70.3	0.517	20140	0.240	0.516	0.0638	0.137		P2505160.D	2025-08-13 02:16	1.050	11.002	235137	917018	105.3	10.913	-1.0%
IRVSEA-14-S-20250724	C61573	2.08	0.553	21.7	70.3	0.517	20140	0.240	0.516	0.0638	0.137		P2505161.D	2025-08-13 02:53	1.050	11.008	200352	927097	105.3	10.913	0.1%
IRVSEA-15-S-20250724	C55555	1.28	0.340	13.3	70.3	0.517	20140	0.240	0.516	0.0638	0.137		P2505162.D	2025-08-13 03:30	1.050	11.008	122708	923359	105.3	10.913	-0.3%
IRVSEA-16-S-20250724	C39244	0.922	0.245	9.60	70.3	0.517	20140	0.240	0.516	0.0638	0.137		P2505163.D	2025-08-13 04:08	1.050	11.008	89504	935327	105.3	10.913	1.0%
IRVSEA-17-S-20250724	C61723	1.15	0.305	12.0	70.3	0.517	20140	0.240	0.516	0.0638	0.137		P2505164.D	2025-08-13 04:45	1.050	11.002	111702	936162	105.3	10.913	1.1%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250724	C37005	0.496	0.114	4.57	70.3	0.457	20145	0.271	0.560	0.0626	0.129	J	P2505145.D	2025-08-12 16:33	1.022	13.133	40090	904761	105.3	10.913	-2.3%
IRVSEA-2-S-20250724	C60245	0.711	0.164	6.55	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505146.D	2025-08-12 17:10	1.022	13.139	57479	904641	105.3	10.913	-2.3%
IRVSEA-2-D-20250724	B50680	0.882	0.203	8.13	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505147.D	2025-08-12 17:48	1.022	13.133	71683	909101	105.3	10.913	-1.8%
IRVSEA-2-B-20250724	B46098	0.271	0.0626		70.3	0.457	20145	0.271	0.560	0.0626	0.129	ND	P2505143.D	2025-08-12 15:19	1.022	13.293	0	901101	105.3	10.907	-2.7%
IRVSEA-3-S-20250724	B52892	1.03	0.236	9.44	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505148.D	2025-08-12 18:25	1.022	13.133	84816	925867	105.3	10.913	0.0%
IRVSEA-4-S-20250724	C57528	2.12	0.488	19.5	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505149.D	2025-08-12 19:02	1.022	13.133	170875	902161	105.3	10.913	-2.6%
IRVSEA-5-S-20250724	B47185	1.06	0.245	9.78	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505150.D	2025-08-12 19:40	1.022	13.133	84911	895006	105.3	10.913	-3.4%
IRVSEA-6-S-20250724	C55374	1.38	0.317	12.7	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505151.D	2025-08-12 20:17	1.022	13.133	110130	894601	105.3	10.913	-3.4%
IRVSEA-7-S-20250724	C59918	4.22	0.972	38.9	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505152.D	2025-08-12 20:54	1.022	13.133	347865	922451	105.3	10.913	-0.4%
IRVSEA-8-S-20250724	C65292	3.49	0.805	32.2	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505153.D	2025-08-12 21:32	1.022	13.133	288779	925295	105.3	10.907	-0.1%
IRVSEA-8-D-20250724	C24082	3.35	0.772	30.8	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505154.D	2025-08-12 22:09	1.022	13.133	282328	943482	105.3	10.907	1.9%
IRVSEA-8-B-20250724	C34148	0.271	0.0626		70.3	0.457	20145	0.271	0.560	0.0626	0.129	ND	P2505144.D	2025-08-12 15:56	1.022	13.133	1555	906798	105.3	10.913	-2.1%
IRVSEA-9-S-20250724	C43725	1.55	0.357	14.3	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505156.D	2025-08-12 23:47	1.022	13.133	127132	917769	105.3	10.913	-0.9%
IRVSEA-10-S-20250724	C55394	1.46	0.337	13.4	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505157.D	2025-08-13 00:24	1.022	13.133	120589	924023	105.3	10.913	-0.2%
IRVSEA-11-S-20250724	C43607	1.67	0.386	15.4	70.3	0.457	20145	0.271	0.560	0.0626	0.129		P2505158.D	2025-08-13 01:01	1.022	13.133	139383	931181	105.3	10.913	0.6%
IRVSEA-12-S-20250724	B19700	0.925	0.213	8.51	70.3	0.457	20140	0.272	0.560	0.0626	0.129		P2505159.D	2025-08-12 01:39	1.022	13.133	75588	915071	105.3	10.913	-1.2%
IRVSEA-13-S-20250724	B48031	0.547	0.126	5.03	70.3	0.457	20140	0.272	0.560	0.0626	0.129	J	P2505160.D	2025-08-13 02:16	1.022	13.133	44801	917018	105.3	10.913	-1.0%
IRVSEA-14-S-20250724	C61573	0.463	0.107	4.26	70.3	0.457	20140	0.272	0.560	0.0626	0.129	J	P2505161.D	2025-08-13 02:53	1.022	13.133	38365	927097	105.3	10.913	0.1%
IRVSEA-15-S-20250724	C55555	0.272	0.0626		70.3	0.457	20140	0.272	0.560	0.0626	0.129	ND	P2505162.D	2025-08-13 03:30	1.022	13.133	21779	923359	105.3	10.913	-0.3%
IRVSEA-16-S-20250724	C39244	0.272	0.0626		70.3	0.457	20140	0.272	0.560	0.0626	0.129	ND	P2505163.D	2025-08-13 04:08	1.022	13.139	17239	935327	105.3	10.913	1.0%
IRVSEA-17-S-20250724	C61723	0.272	0.0626		70.3	0.457	20140	0.272	0.560	0.0626	0.129	ND	P2505164.D	2025-08-13 04:45	1.022	13.139	21144	936162	105.3	10.913	1.1%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250724	C37005	1.67	0.385	15.4	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505145.D	2025-08-12 16:33	0.730	13.311	96471	904761	105.3	10.913	-2.3%
IRVSEA-2-S-20250724	C60245	2.73	0.628	25.1	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505146.D	2025-08-12 17:10	0.730	13.305	157600	904641	105.3	10.913	-2.3%
IRVSEA-2-D-20250724	B50680	3.29	0.757	30.3	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505147.D	2025-08-12 17:48	0.730	13.305	190862	909101	105.3	10.913	-1.8%
IRVSEA-2-B-20250724	B46098	0.271	0.0626		70.3	0.457	20145	0.271	0.529	0.0626	0.122	ND	P2505143.D	2025-08-12 15:19	0.730	13.293	335	901101	105.3	10.907	-2.7%
IRVSEA-3-S-20250724	B52892	4.09	0.943	37.7	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505148.D	2025-08-12 18:25	0.730	13.305	242017	925867	105.3	10.913	0.0%
IRVSEA-4-S-20250724	C57528	9.15	2.11	84.3	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505149.D	2025-08-12 19:02	0.730	13.305	527551	902161	105.3	10.913	-2.6%
IRVSEA-5-S-20250724	B47185	4.28	0.986	39.4	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505150.D	2025-08-12 19:40	0.730	13.311	244683	895006	105.3	10.913	-3.4%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG303-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20250724	C55374	5.88	1.36	54.2	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505151.D	2025-08-12 20:17	0.730	13.311	336218	894601	105.3	10.913	-3.4%
IRVSEA-7-S-20250724	C59918	17.6	4.05	162	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505152.D	2025-08-12 20:54	0.730	13.305	1034482	922451	105.3	10.913	-0.4%
IRVSEA-8-S-20250724	C65292	13.4	3.08	123	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505153.D	2025-08-12 21:32	0.730	13.305	789259	925295	105.3	10.907	-0.1%
IRVSEA-8-D-20250724	C24082	13.3	3.05	122	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505154.D	2025-08-12 22:09	0.730	13.305	798884	943482	105.3	10.907	1.9%
IRVSEA-8-B-20250724	C34148	0.271	0.0626		70.3	0.457	20145	0.271	0.529	0.0626	0.122	ND	P2505144.D	2025-08-12 15:56	0.730	13.323	1605	906798	105.3	10.913	-2.1%
IRVSEA-9-S-20250724	C43725	5.21	1.20	47.9	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505156.D	2025-08-12 23:47	0.730	13.305	305195	917769	105.3	10.913	-0.9%
IRVSEA-10-S-20250724	C55394	5.71	1.32	52.6	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505157.D	2025-08-13 00:24	0.730	13.305	337256	924023	105.3	10.913	-0.2%
IRVSEA-11-S-20250724	C43607	6.05	1.39	55.7	70.3	0.457	20145	0.271	0.529	0.0626	0.122		P2505158.D	2025-08-13 01:01	0.730	13.311	359827	931181	105.3	10.913	0.6%
IRVSEA-12-S-20250724	B19700	3.03	0.697	27.9	70.3	0.457	20140	0.272	0.529	0.0626	0.122		P2505159.D	2025-08-13 01:39	0.730	13.311	176869	915071	105.3	10.913	-1.2%
IRVSEA-13-S-20250724	B48031	1.56	0.359	14.3	70.3	0.457	20140	0.272	0.529	0.0626	0.122		P2505160.D	2025-08-13 02:16	0.730	13.311	91239	917018	105.3	10.913	-1.0%
IRVSEA-14-S-20250724	C61573	1.84	0.424	16.9	70.3	0.457	20140	0.272	0.529	0.0626	0.122		P2505161.D	2025-08-13 02:53	0.730	13.305	108859	927097	105.3	10.913	0.1%
IRVSEA-15-S-20250724	C55555	0.800	0.184	7.36	70.3	0.457	20140	0.272	0.529	0.0626	0.122		P2505162.D	2025-08-13 03:30	0.730	13.311	47160	923359	105.3	10.913	-0.3%
IRVSEA-16-S-20250724	C39244	0.546	0.126	5.02	70.3	0.457	20140	0.272	0.529	0.0626	0.122		P2505163.D	2025-08-13 04:08	0.730	13.311	32602	935327	105.3	10.913	1.0%
IRVSEA-17-S-20250724	C61723	0.925	0.213	8.52	70.3	0.457	20140	0.272	0.529	0.0626	0.122		P2505164.D	2025-08-13 04:45	0.730	13.305	55307	936162	105.3	10.913	1.1%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250724	C37005	0.602	0.139	5.55	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505145.D	2025-08-12 16:33	0.714	13.798	34047	904761	105.3	10.913	-2.3%
IRVSEA-2-S-20250724	C60245	0.936	0.216	8.62	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505146.D	2025-08-12 17:10	0.714	13.797	52889	904641	105.3	10.913	-2.3%
IRVSEA-2-D-20250724	B50680	1.07	0.247	9.89	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505147.D	2025-08-12 17:48	0.714	13.798	60986	909101	105.3	10.913	-1.8%
IRVSEA-2-B-20250724	B46098	0.271	0.0626		70.3	0.457	20145	0.271	0.552	0.0626	0.127	ND	P2505143.D	2025-08-12 15:19	0.714	13.792	0	901101	105.3	10.907	-2.7%
IRVSEA-3-S-20250724	B52892	1.32	0.305	12.2	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505148.D	2025-08-12 18:25	0.714	13.798	76580	925867	105.3	10.913	0.0%
IRVSEA-4-S-20250724	C57528	2.50	0.576	23.0	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505149.D	2025-08-12 19:02	0.714	13.797	140786	902161	105.3	10.913	-2.6%
IRVSEA-5-S-20250724	B47185	1.20	0.277	11.1	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505150.D	2025-08-12 19:40	0.714	13.798	67181	895006	105.3	10.913	-3.4%
IRVSEA-6-S-20250724	C55374	1.87	0.432	17.2	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505151.D	2025-08-12 20:17	0.714	13.798	104682	894601	105.3	10.913	-3.4%
IRVSEA-7-S-20250724	C59918	4.61	1.06	42.5	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505152.D	2025-08-12 20:54	0.714	13.798	265744	922451	105.3	10.913	-0.4%
IRVSEA-8-S-20250724	C65292	4.59	1.06	42.3	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505153.D	2025-08-12 21:32	0.714	13.798	265593	925295	105.3	10.907	-0.1%
IRVSEA-8-D-20250724	C24082	4.68	1.08	43.1	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505154.D	2025-08-12 22:09	0.714	13.797	275726	943482	105.3	10.907	1.9%
IRVSEA-8-B-20250724	C34148	0.271	0.0626		70.3	0.457	20145	0.271	0.552	0.0626	0.127	ND	P2505144.D	2025-08-12 15:56	0.714	13.810	755	906798	105.3	10.913	-2.1%
IRVSEA-9-S-20250724	C43725	1.88	0.433	17.3	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505156.D	2025-08-12 23:47	0.714	13.798	107609	917769	105.3	10.913	-0.9%
IRVSEA-10-S-20250724	C55394	2.22	0.513	20.5	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505157.D	2025-08-13 00:24	0.714	13.798	128405	924023	105.3	10.913	-0.2%
IRVSEA-11-S-20250724	C43607	2.42	0.557	22.3	70.3	0.457	20145	0.271	0.552	0.0626	0.127		P2505158.D	2025-08-13 01:01	0.714	13.798	140691	931181	105.3	10.913	0.6%
IRVSEA-12-S-20250724	B19700	1.16	0.267	10.7	70.3	0.457	20140	0.272	0.552	0.0626	0.127		P2505159.D	2025-08-13 01:39	0.714	13.798	66160	915071	105.3	10.913	-1.2%
IRVSEA-13-S-20250724	B48031	0.581	0.134	5.35	70.3	0.457	20140	0.272	0.552	0.0626	0.127		P2505160.D	2025-08-13 02:16	0.714	13.798	33258	917018	105.3	10.913	-1.0%
IRVSEA-14-S-20250724	C61573	0.694	0.160	6.39	70.3	0.457	20140	0.272	0.552	0.0626	0.127		P2505161.D	2025-08-13 02:53	0.714	13.798	40178	927097	105.3	10.913	0.1%
IRVSEA-15-S-20250724	C55555	0.327	0.0753	3.01	70.3	0.457	20140	0.272	0.552	0.0626	0.127	J	P2505162.D	2025-08-13 03:30	0.714	13.798	18843	923359	105.3	10.913	-0.3%
IRVSEA-16-S-20250724	C39244	0.272	0.0626		70.3	0.457	20140	0.272	0.552	0.0626	0.127	ND	P2505163.D	2025-08-13 04:08	0.714	13.798	13680	935327	105.3	10.913	1.0%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG303-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20250724	C61723	0.423	0.0976	3.90	70.3	0.457	20140	0.272	0.552	0.0626	0.127	J	P2505164.D	2025-08-13 04:45	0.714	13.798	24760	936162	105.3	10.913	1.1%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit

QC Data

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG303-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20250724	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20250724	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20250724	21%	Pass	21%	Pass	22%	Pass	19%	Pass	14%	Pass
	IRVSEA-8-D-20250724	8.1%	Pass	3.1%	Pass	4.2%	Pass	0.73%	Pass	1.8%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG303-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2505141.D	C16138	Cal	0.998	0.896	0.998	11%	1.2%		Pass	
2025GG303 Method Blank-1	P2505142.D	B49523	Blank		0.896	0.998			0.71%	Pass	ND
M325B CCV 5 REC	P2505155.D	C34174	Check	1.004	0.896	0.998	12%		-2.5%	Pass	
M325B CCV 5	P2505165.D	C70513	Check	1.010	0.896	0.998	13%		1.4%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2505141.D	C16138	Cal	1.050	0.887	1.050	18%	-3.0%		Pass	
2025GG303 Method Blank-1	P2505142.D	B49523	Blank		0.887	1.050			1.2%	Pass	ND
M325B CCV 5 REC	P2505155.D	C34174	Check	1.100	0.887	1.050	24%		0.15%	Pass	
M325B CCV 5	P2505165.D	C70513	Check	1.061	0.887	1.050	20%		2.8%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2505141.D	C16138	Cal	1.022	1.034	1.022	-1.1%	-3.0%		Pass	
2025GG303 Method Blank-1	P2505142.D	B49523	Blank		1.034	1.022			1.2%	Pass	ND
M325B CCV 5 REC	P2505155.D	C34174	Check	1.023	1.034	1.022	-1.0%		0.15%	Pass	
M325B CCV 5	P2505165.D	C70513	Check	0.952	1.034	1.022	-7.9%		2.8%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2505141.D	C16138	Cal	0.730	0.792	0.730	-7.8%	-3.0%		Pass	
2025GG303 Method Blank-1	P2505142.D	B49523	Blank		0.792	0.730			1.2%	Pass	ND
M325B CCV 5 REC	P2505155.D	C34174	Check	0.722	0.792	0.730	-8.8%		0.15%	Pass	
M325B CCV 5	P2505165.D	C70513	Check	0.658	0.792	0.730	-17%		2.8%	Pass	

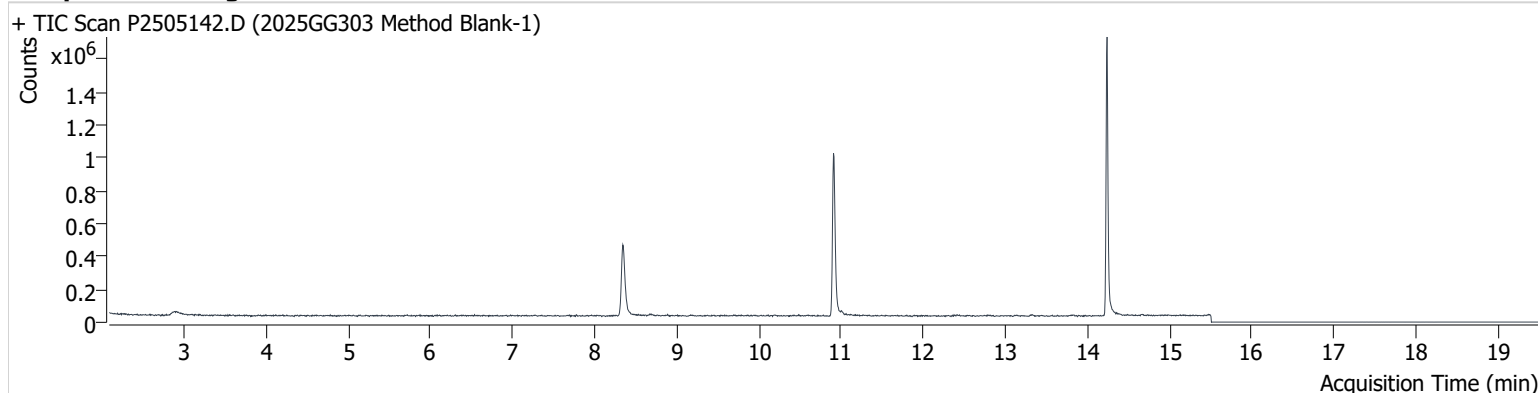
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	P2505141.D	C16138	Cal	0.714	0.833	0.714	-14%	-3.0%		Pass	
2025GG303 Method Blank-1	P2505142.D	B49523	Blank		0.833	0.714			1.2%	Pass	ND
M325B CCV 5 REC	P2505155.D	C34174	Check	0.692	0.833	0.714	-17%		0.15%	Pass	
M325B CCV 5	P2505165.D	C70513	Check	0.709	0.833	0.714	-15%		2.8%	Pass	

Chromatograms

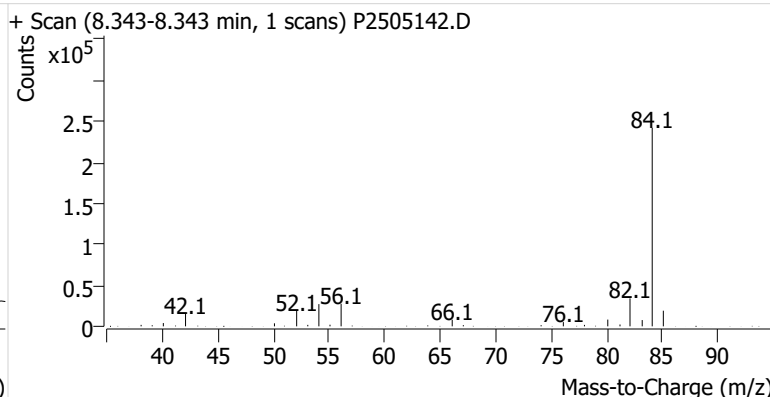
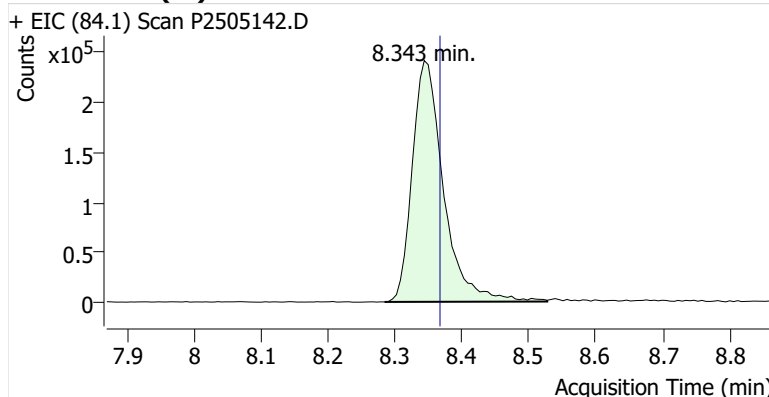
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Comment B49523
Data File P2505142.D
Acq. Date-Time 8/12/2025 2:41:47 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

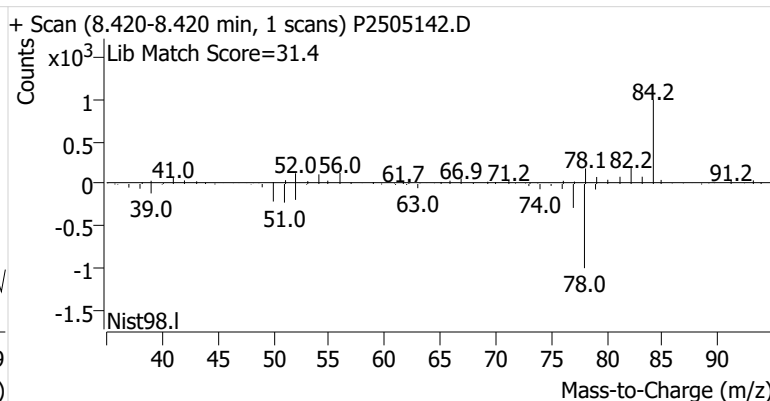
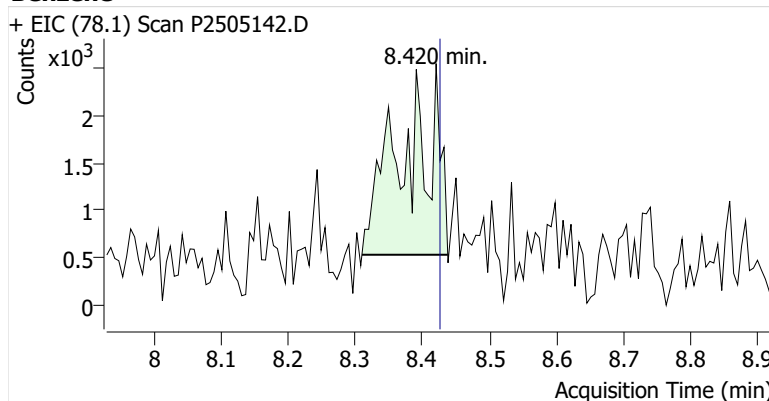


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	785,101	
Benzene	benzene-d6 (IS)	8.420	8.426	7,067	
Toluene-d8 (IS)		10.907	10.931	936,890	
Toluene	Toluene-d8 (IS)	11.002	11.020	9,209	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	3,146	m
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	3,000	m
o-Xylene	Toluene-d8 (IS)	13.804	13.809	1,977	

benzene-d6 (IS)

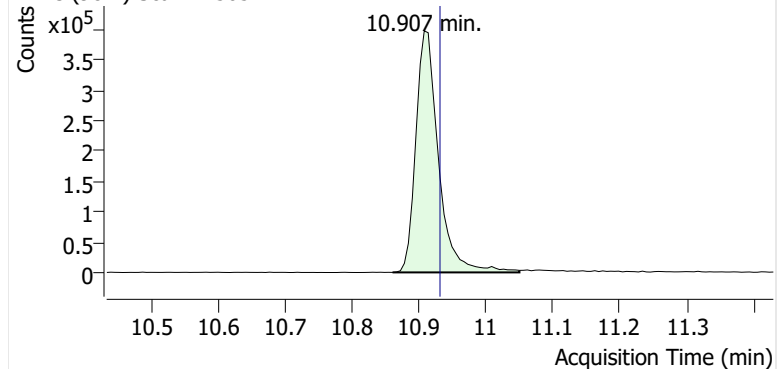


Benzene

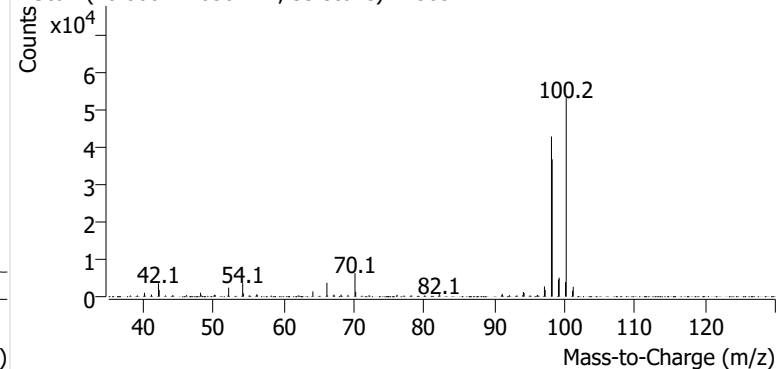


Toluene-d8 (IS)

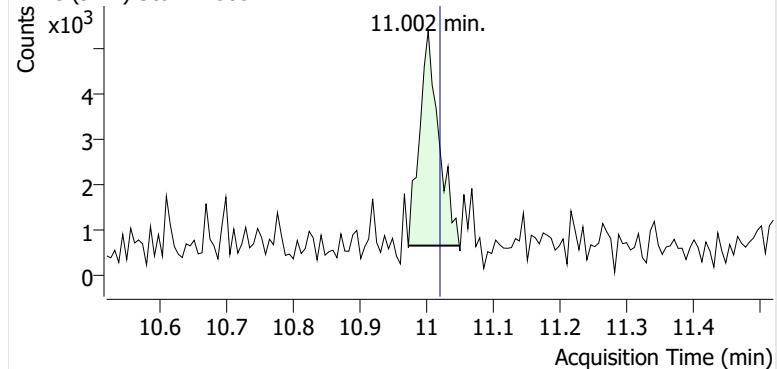
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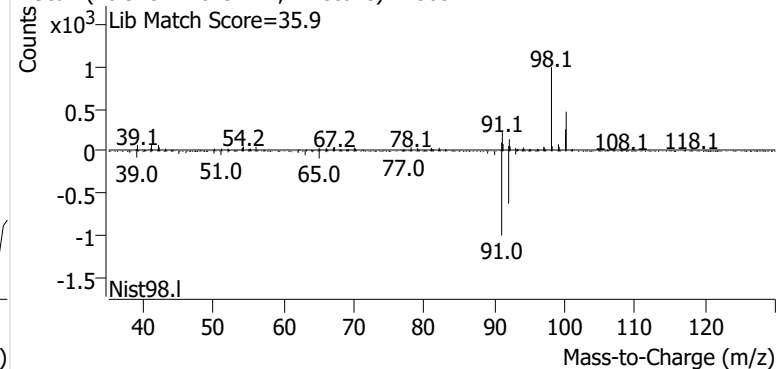
+ Scan (10.860-11.050 min, 33 scans) P2505142.D

**Toluene**

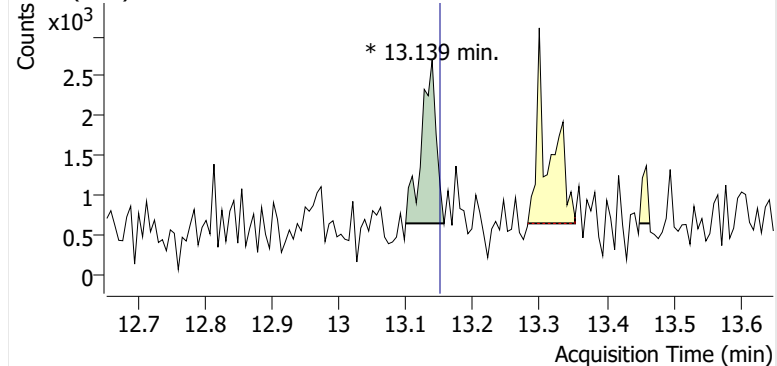
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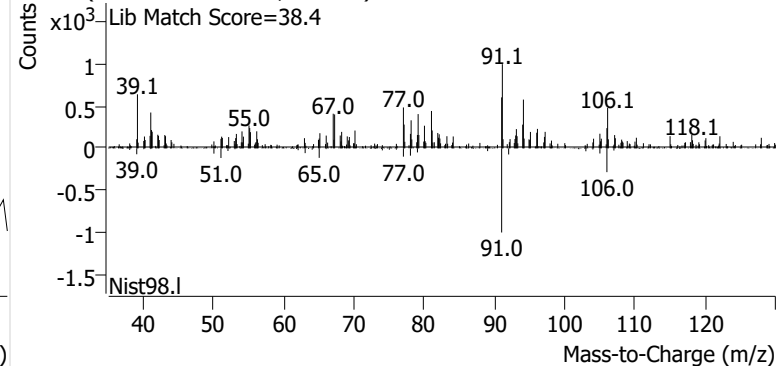
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**Ethylbenzene**

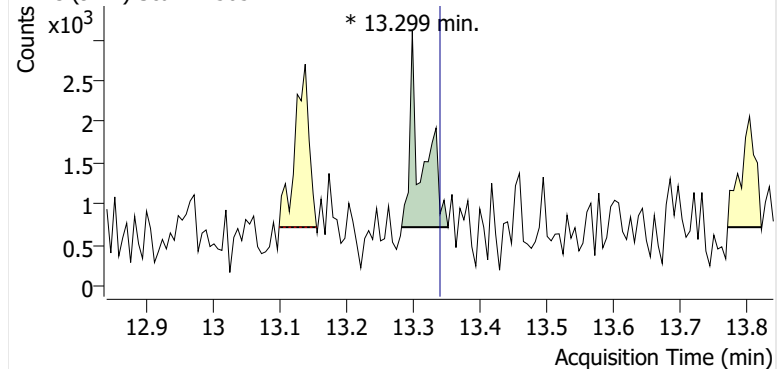
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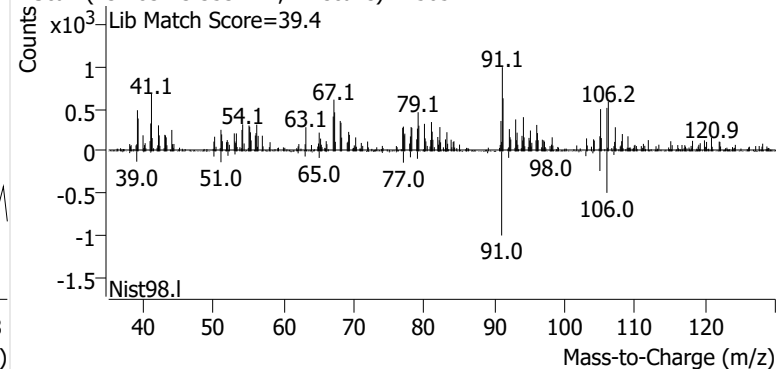
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**m-/p-Xylenes**

+ EIC (91.1) Scan P2505142.D

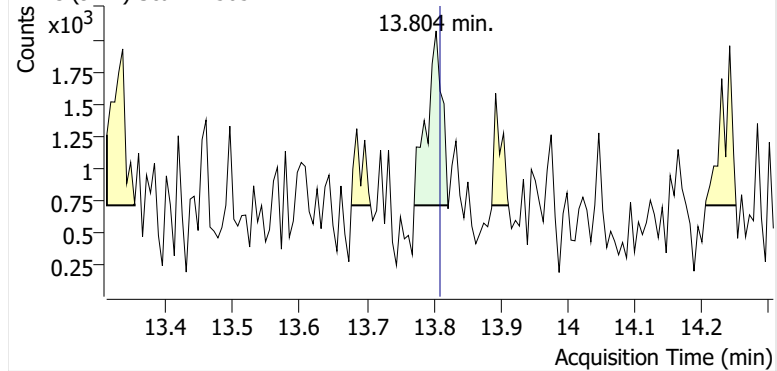


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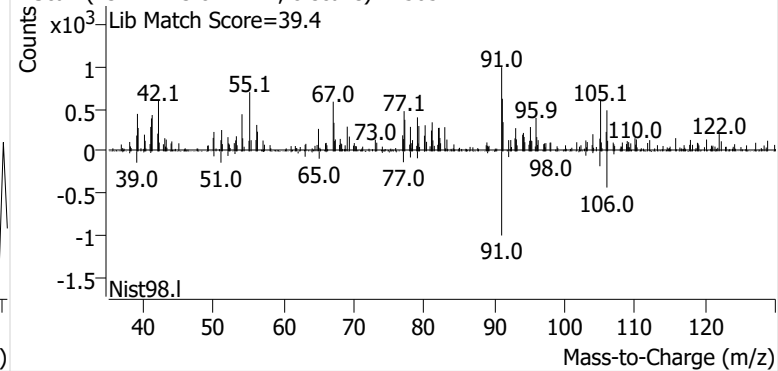


o-Xylene

+ EIC (91.1) Scan P2505142.D

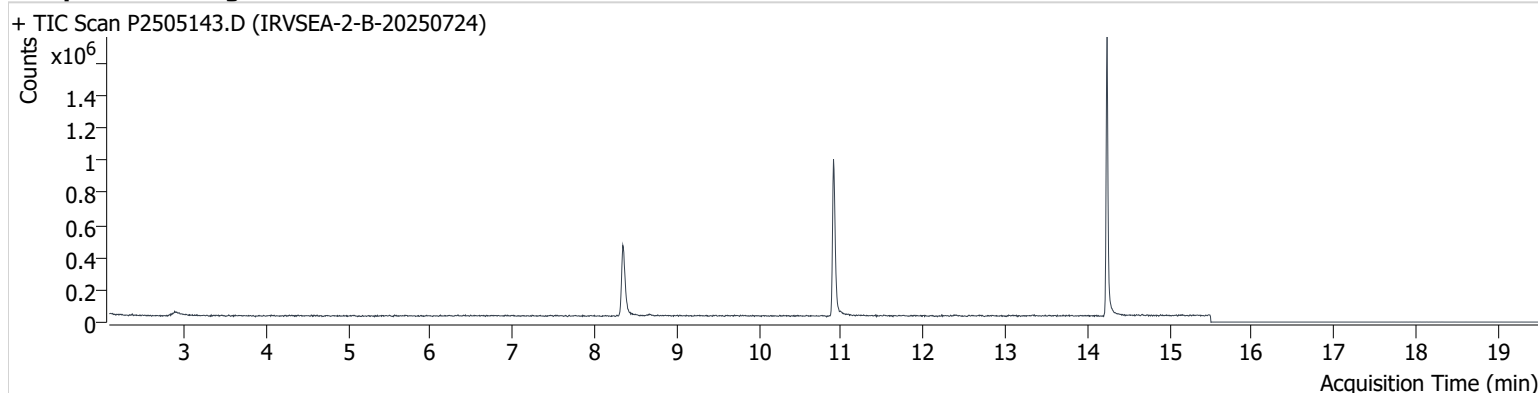


+ Scan (13.771-13.821 min, 8 scans) P2505142.D



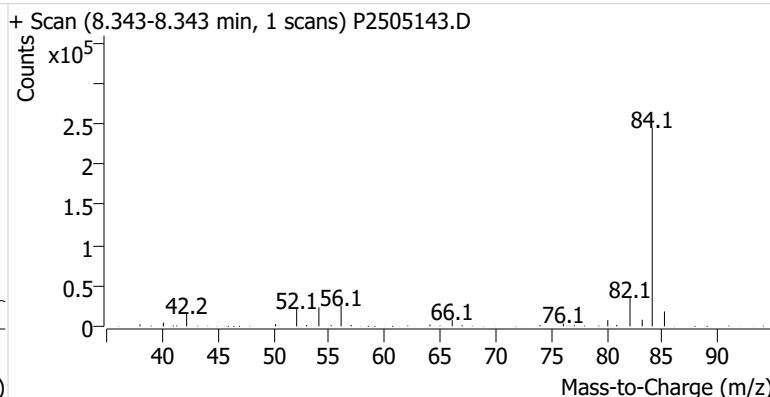
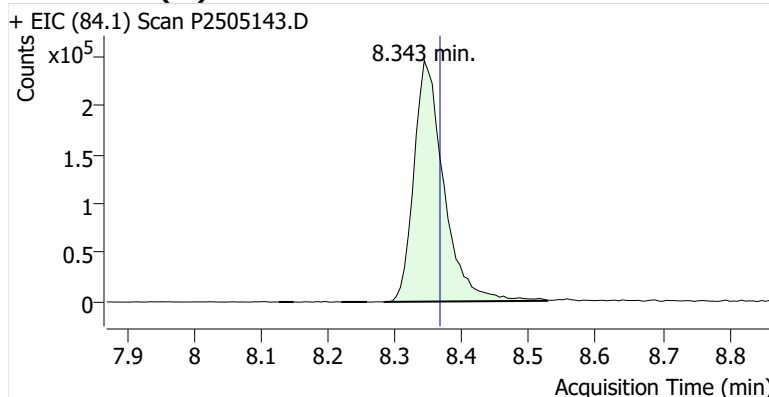
Name IRVSEA-2-B-20250724
Comment B46098
Data File P2505143.D
Acq. Date-Time 8/12/2025 3:19:04 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

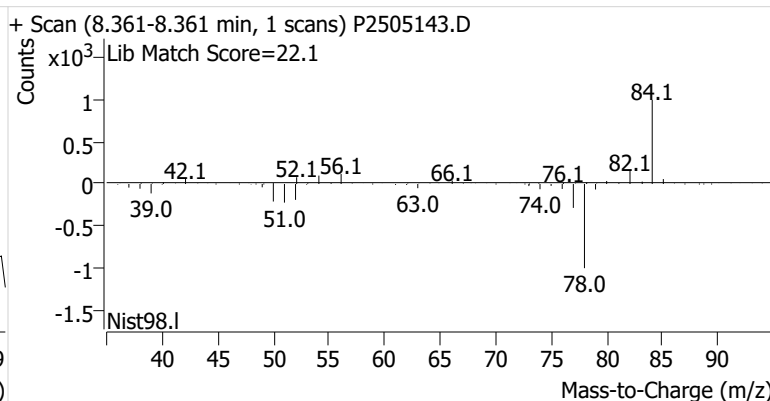
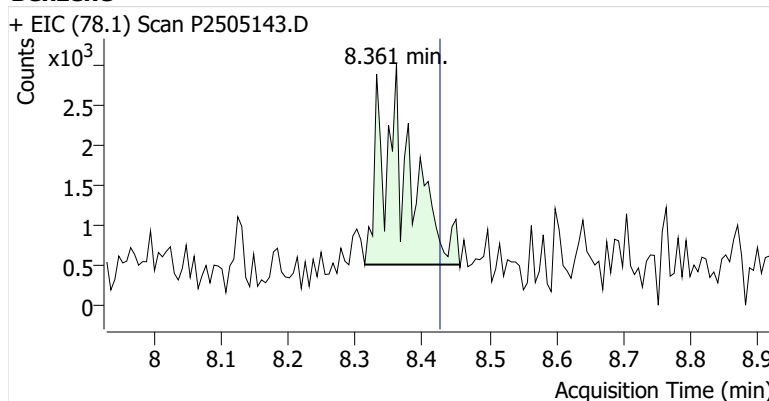


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	759,872	
Benzene	benzene-d6 (IS)	8.361	8.426	7,475	
Toluene-d8 (IS)		10.907	10.931	901,101	
Toluene	Toluene-d8 (IS)	11.002	11.020	6,535	
Ethylbenzene	Toluene-d8 (IS)	13.293	13.151	ND	m
m-/p-Xylenes	Toluene-d8 (IS)	13.293	13.341	335	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	ND	m

benzene-d6 (IS)

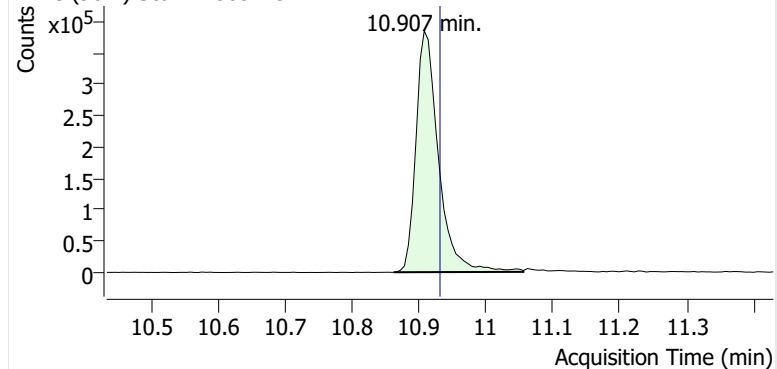


Benzene

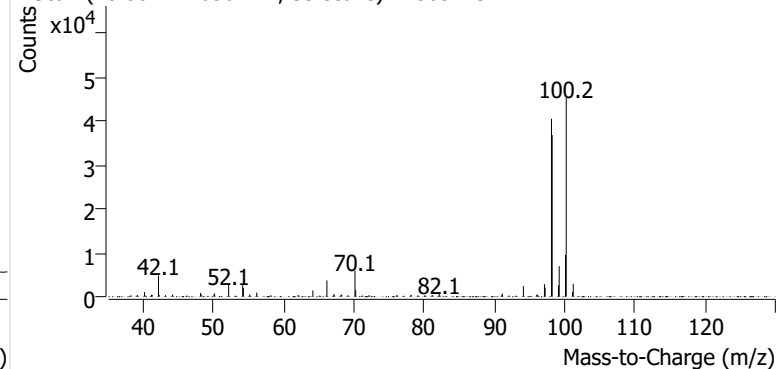


Toluene-d8 (IS)

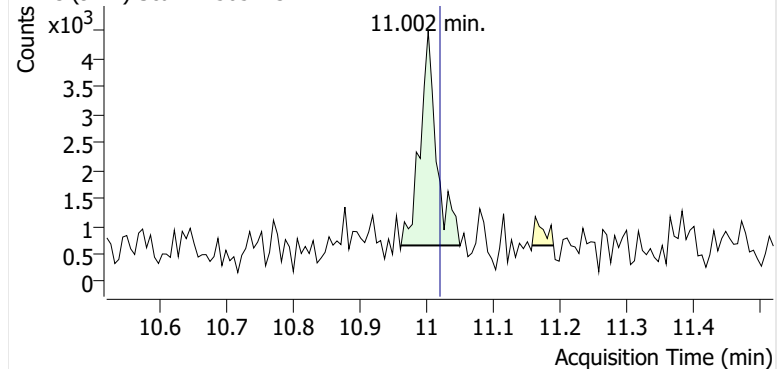
+ EIC (98.1) Scan P2505143.D



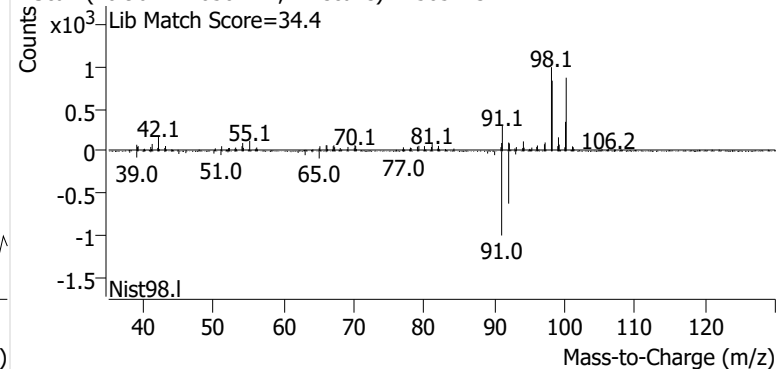
+ Scan (10.862-11.056 min, 33 scans) P2505143.D

**Toluene**

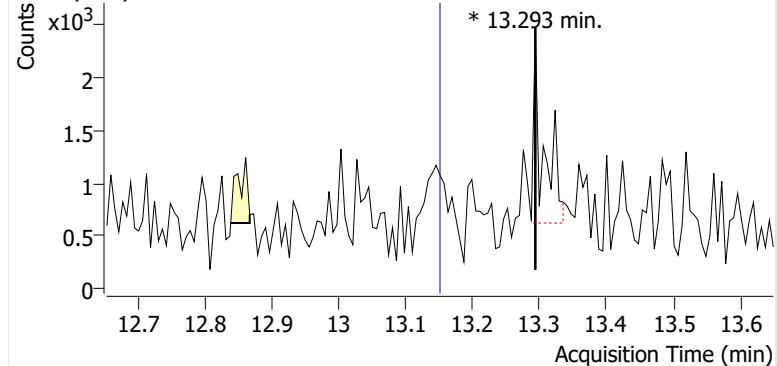
+ EIC (91.1) Scan P2505143.D



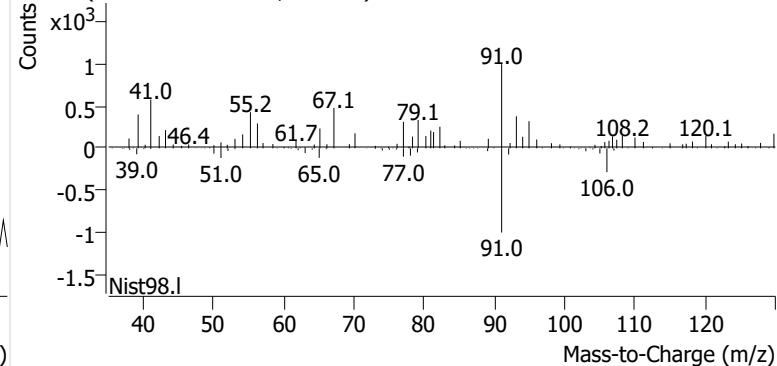
+ Scan (10.962-11.050 min, 14 scans) P2505143.D

**Ethylbenzene**

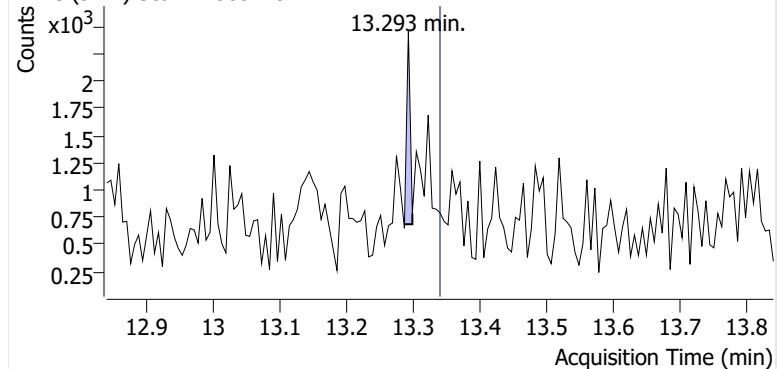
+ EIC (91.1) Scan P2505143.D



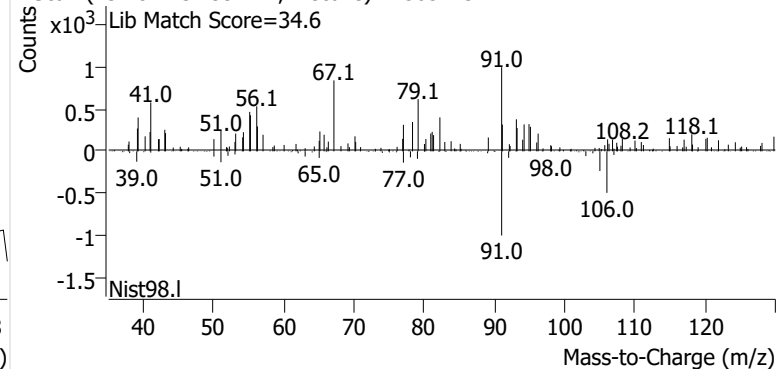
+ Scan (13.293-13.293 min, 1 scans) P2505143.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505143.D

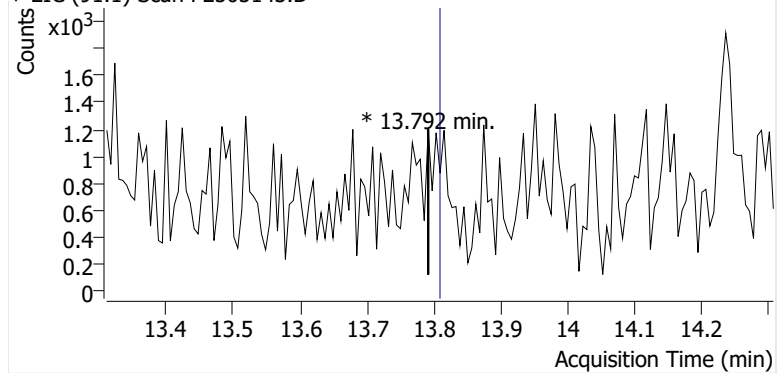


+ Scan (13.287-13.299 min, 2 scans) P2505143.D

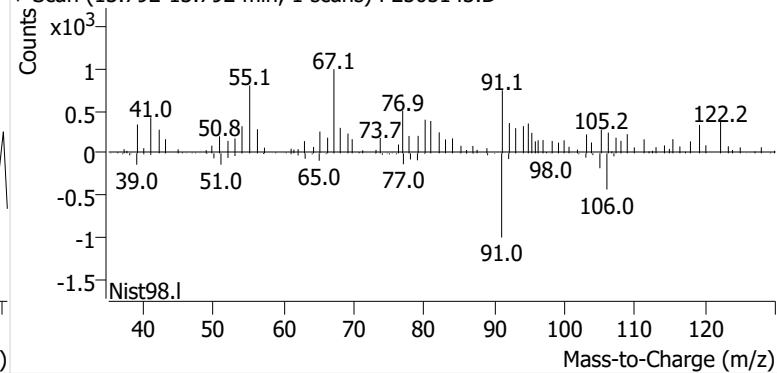


o-Xylene

+ EIC (91.1) Scan P2505143.D

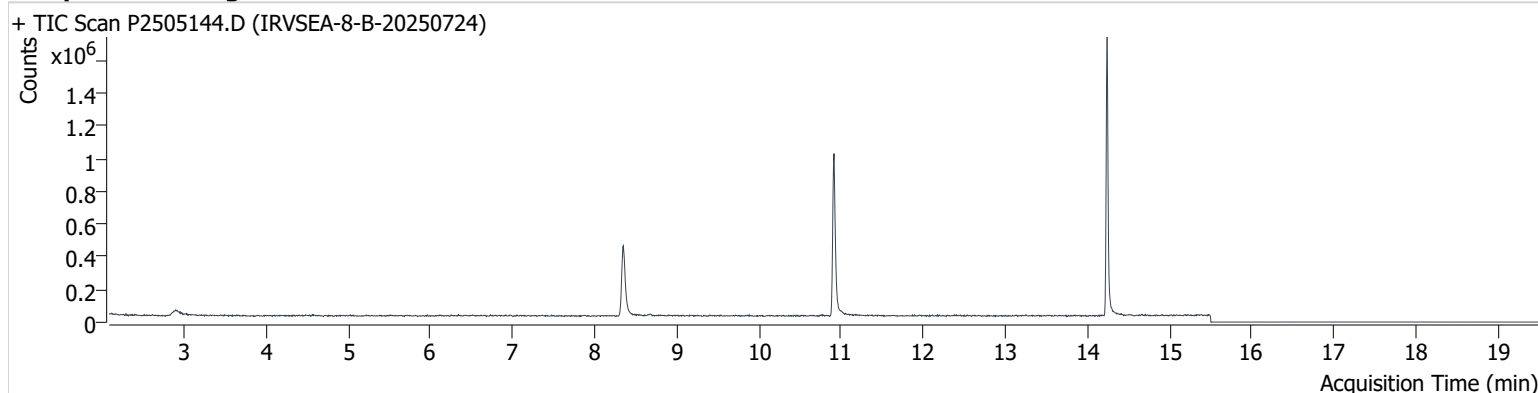


+ Scan (13.792-13.792 min, 1 scans) P2505143.D



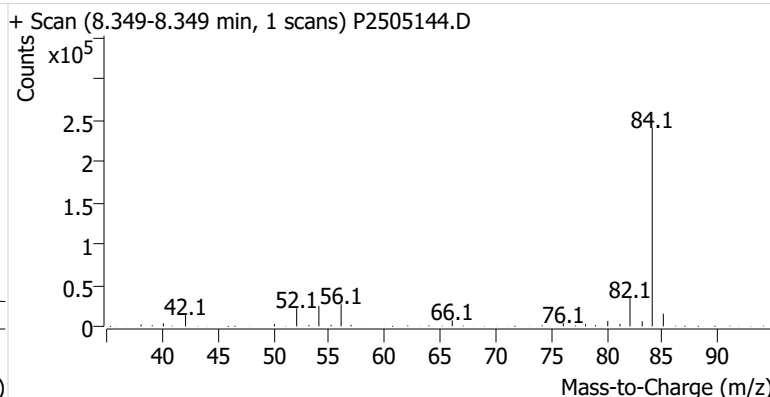
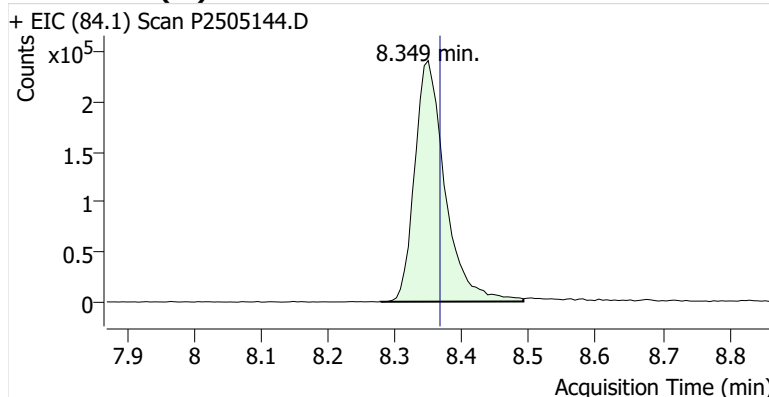
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Comment C34148
Data File P2505144.D
Acq. Date-Time 8/12/2025 3:56:23 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

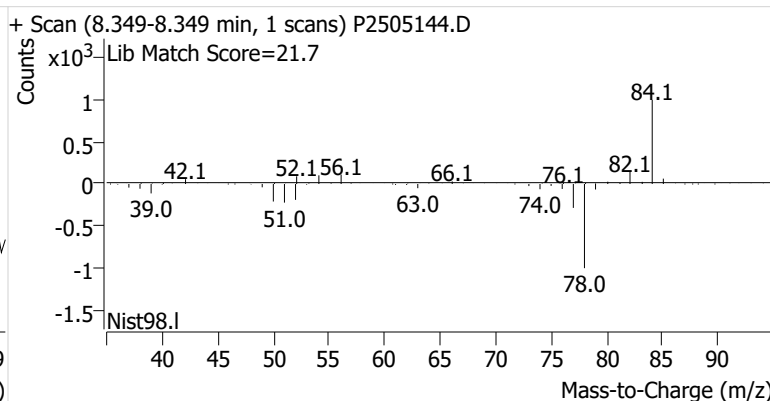
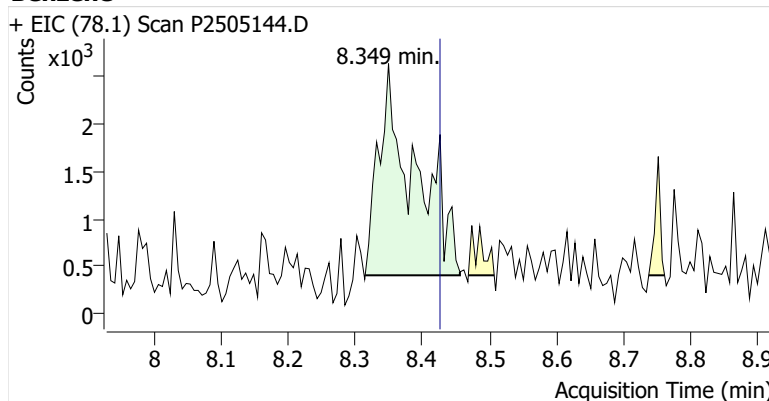


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	759,650	
Benzene	benzene-d6 (IS)	8.349	8.426	8,366	
Toluene-d8 (IS)		10.913	10.931	906,798	
Toluene	Toluene-d8 (IS)	11.002	11.020	10,486	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	1,555	
m-/p-Xylenes	Toluene-d8 (IS)	13.323	13.341	1,605	m
o-Xylene	Toluene-d8 (IS)	13.810	13.809	755	

benzene-d6 (IS)

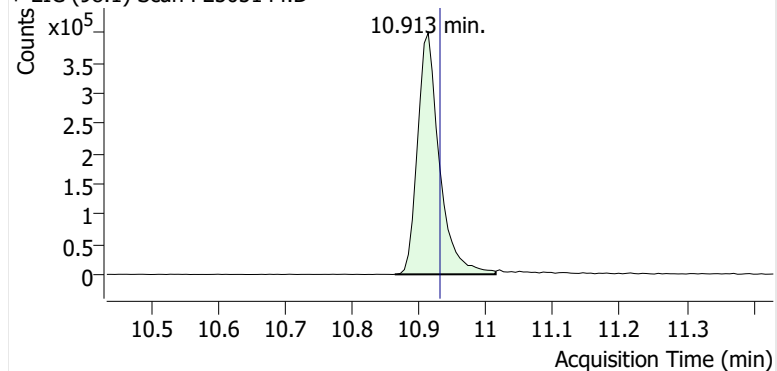


Benzene

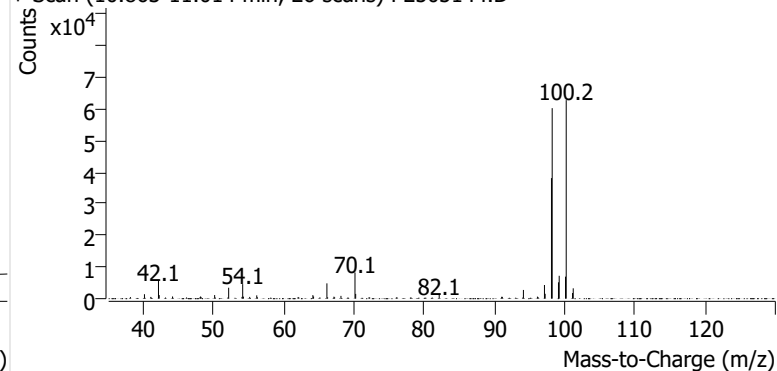


Toluene-d8 (IS)

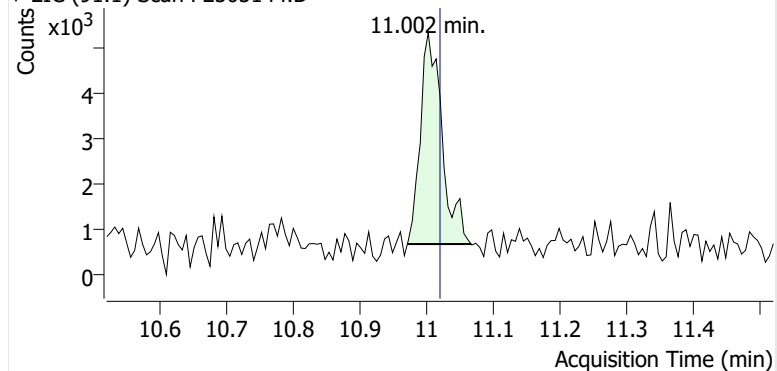
+ EIC (98.1) Scan P2505144.D



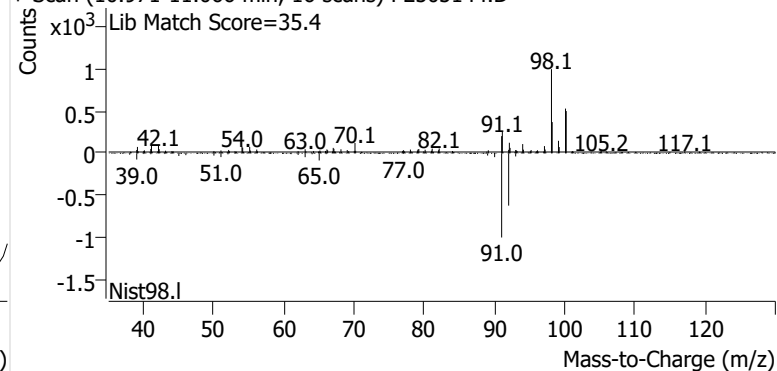
+ Scan (10.863-11.014 min, 26 scans) P2505144.D

**Toluene**

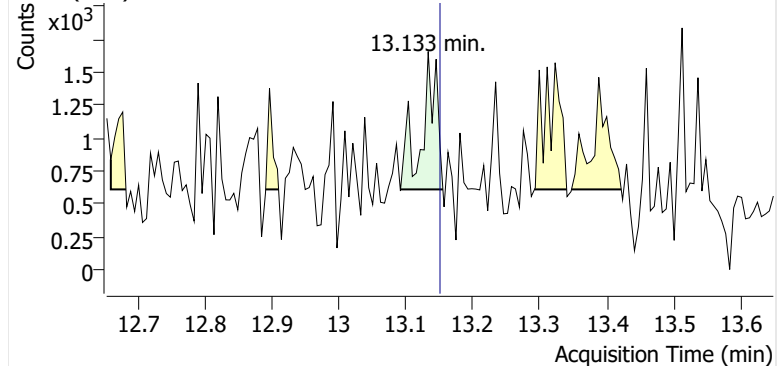
+ EIC (91.1) Scan P2505144.D



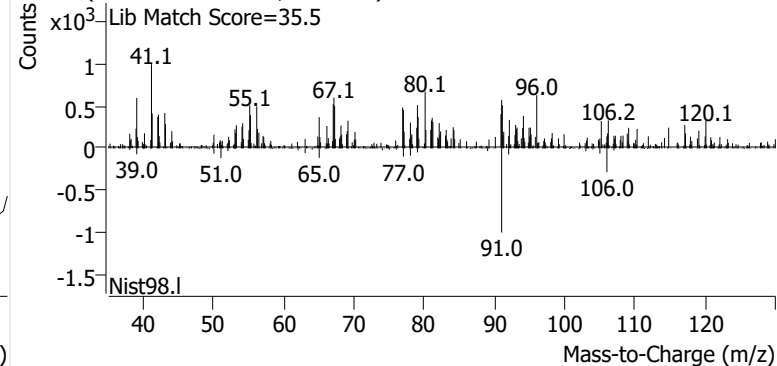
+ Scan (10.971-11.066 min, 16 scans) P2505144.D

**Ethylbenzene**

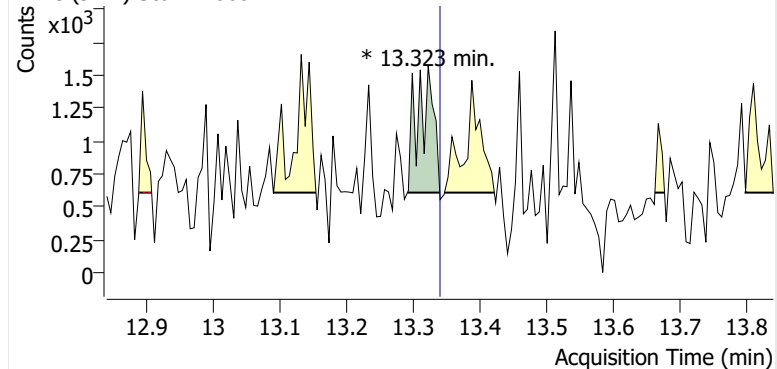
+ EIC (91.1) Scan P2505144.D



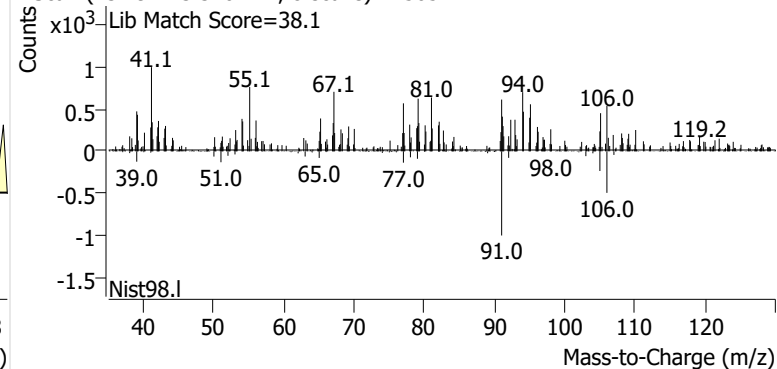
+ Scan (13.092-13.155 min, 10 scans) P2505144.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505144.D

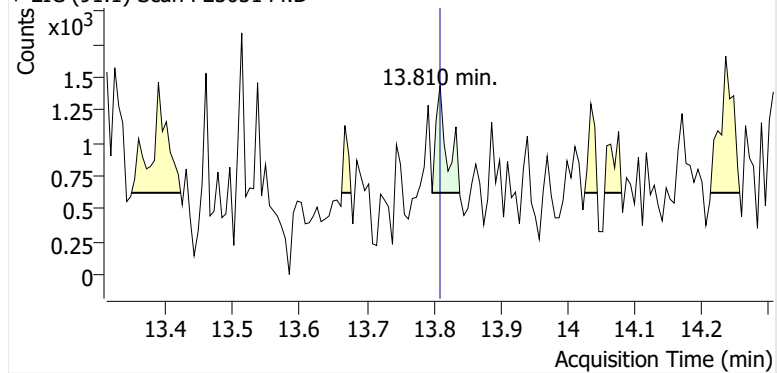


+ Scan (13.292-13.340 min, 8 scans) P2505144.D

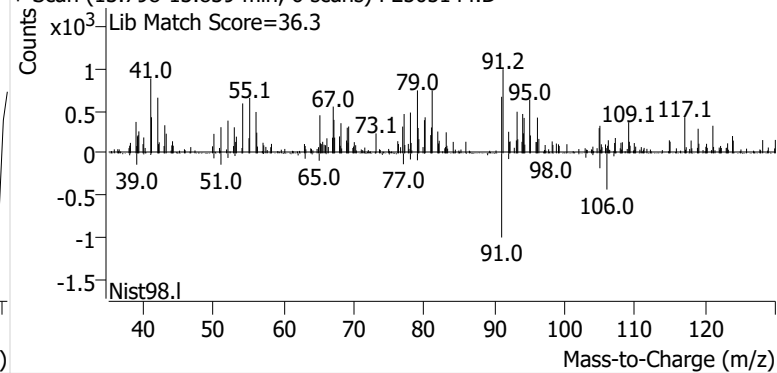


o-Xylene

+ EIC (91.1) Scan P2505144.D

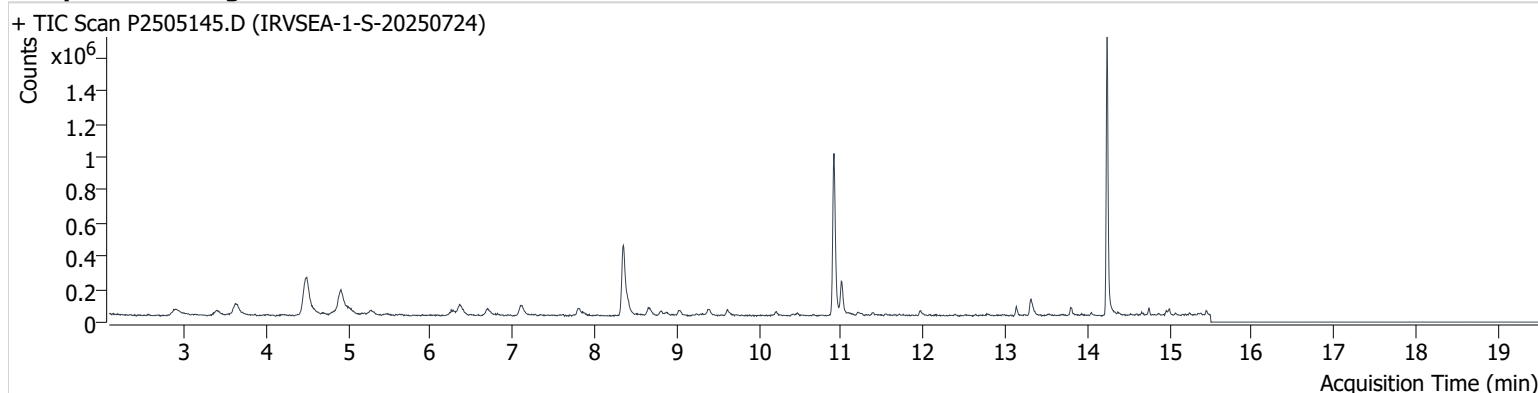


+ Scan (13.798-13.839 min, 6 scans) P2505144.D



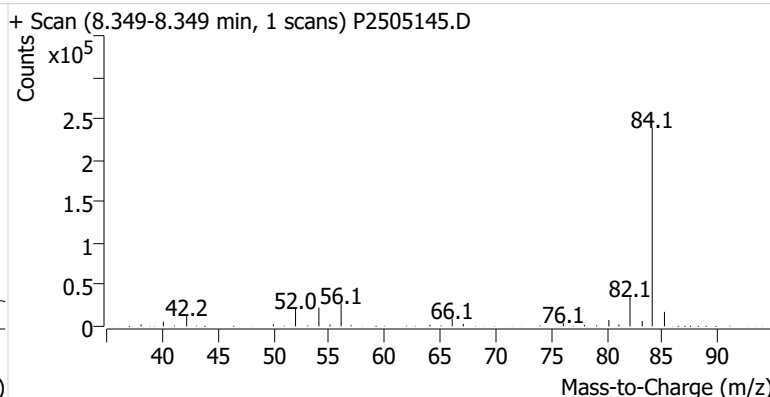
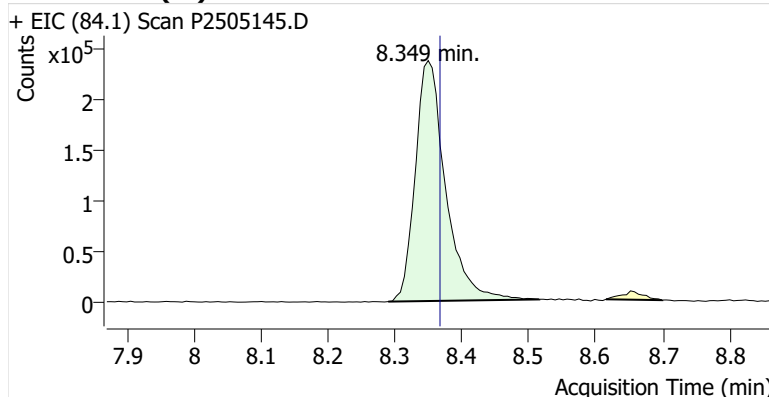
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Comment C37005
Data File P2505145.D
Acq. Date-Time 8/12/2025 4:33:41 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

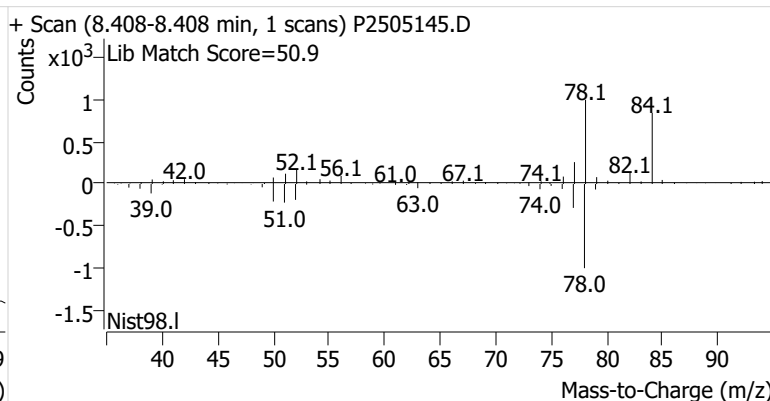
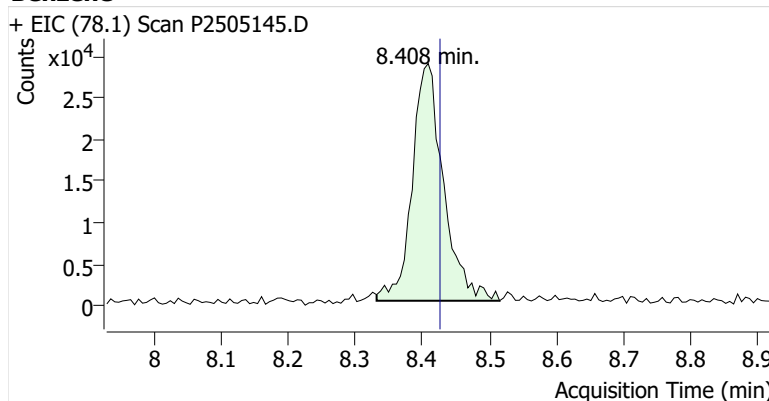


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	749,508	
Benzene	benzene-d6 (IS)	8.408	8.426	92,967	
Toluene-d8 (IS)		10.913	10.931	904,761	
Toluene	Toluene-d8 (IS)	11.002	11.020	182,432	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	40,090	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	96,471	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	34,047	

benzene-d6 (IS)

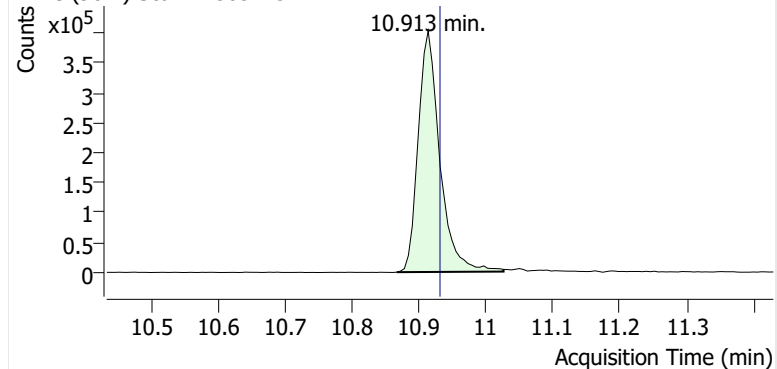


Benzene

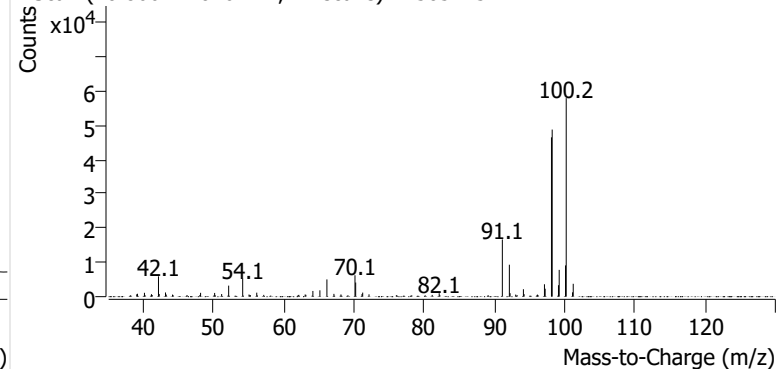


Toluene-d8 (IS)

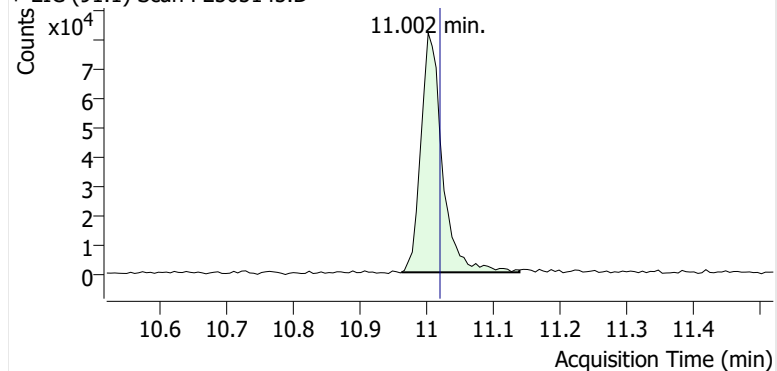
+ EIC (98.1) Scan P2505145.D



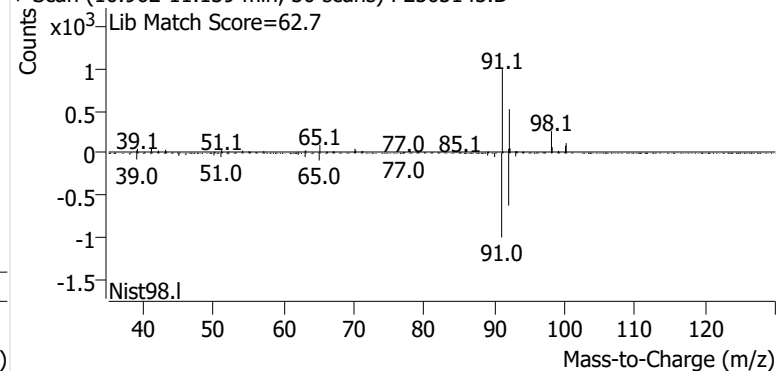
+ Scan (10.866-11.026 min, 27 scans) P2505145.D

**Toluene**

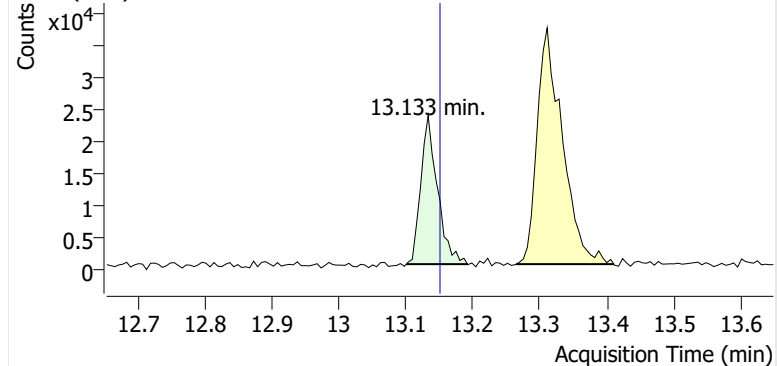
+ EIC (91.1) Scan P2505145.D



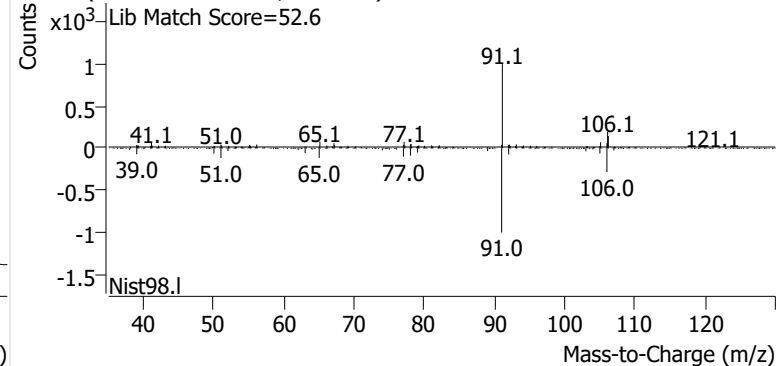
+ Scan (10.962-11.139 min, 30 scans) P2505145.D

**Ethylbenzene**

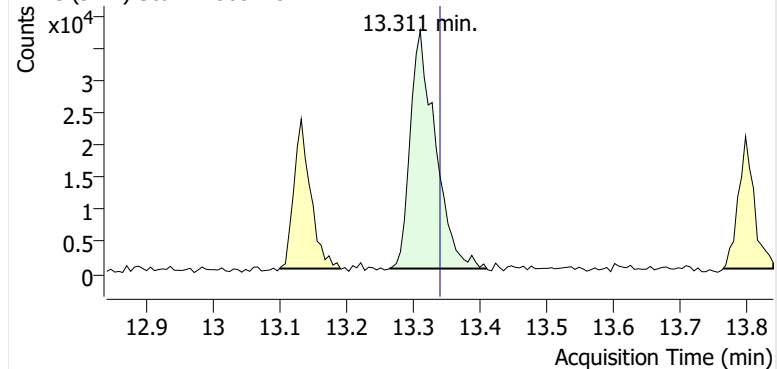
+ EIC (91.1) Scan P2505145.D



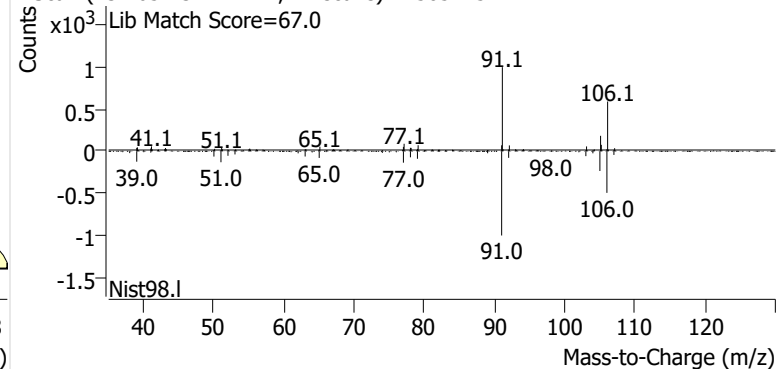
+ Scan (13.100-13.192 min, 15 scans) P2505145.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505145.D

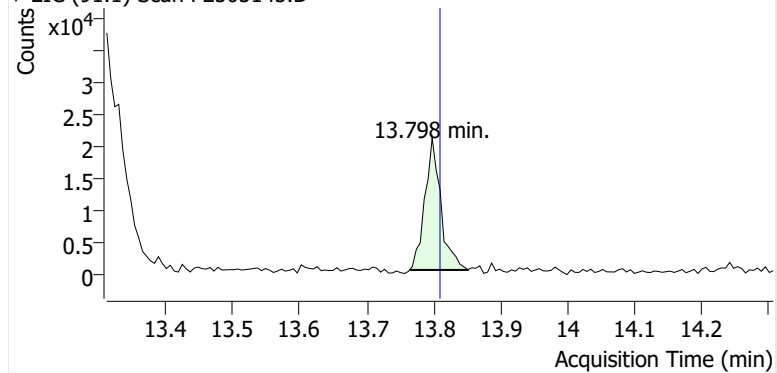


+ Scan (13.265-13.411 min, 24 scans) P2505145.D

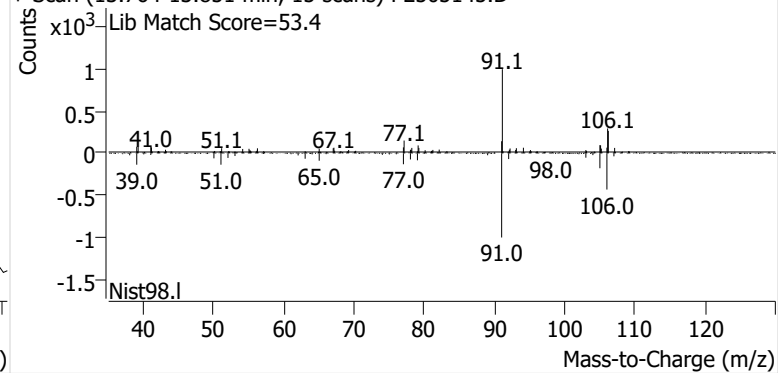


o-Xylene

+ EIC (91.1) Scan P2505145.D

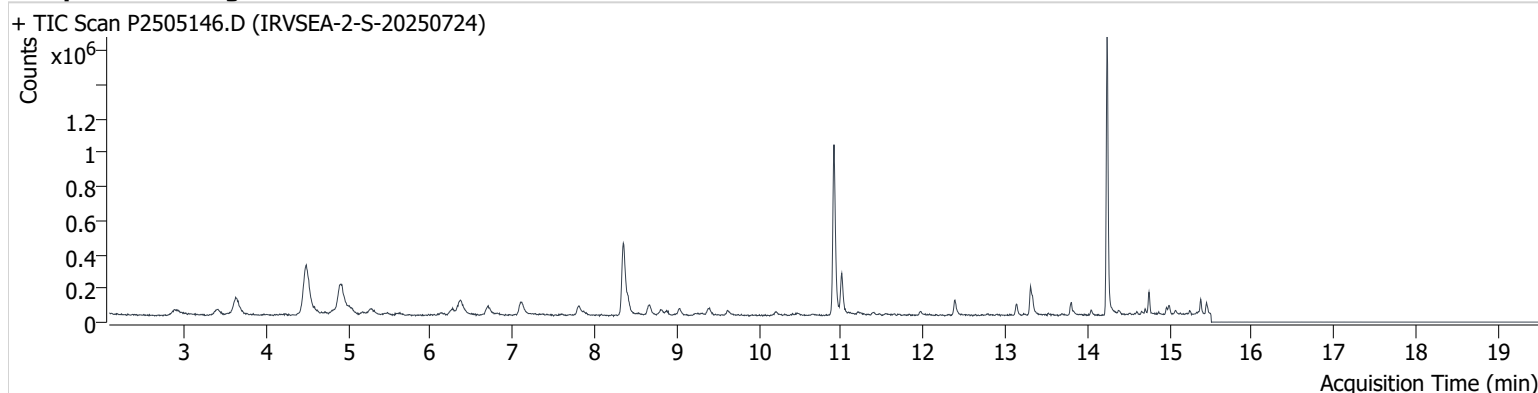


+ Scan (13.764-13.851 min, 15 scans) P2505145.D



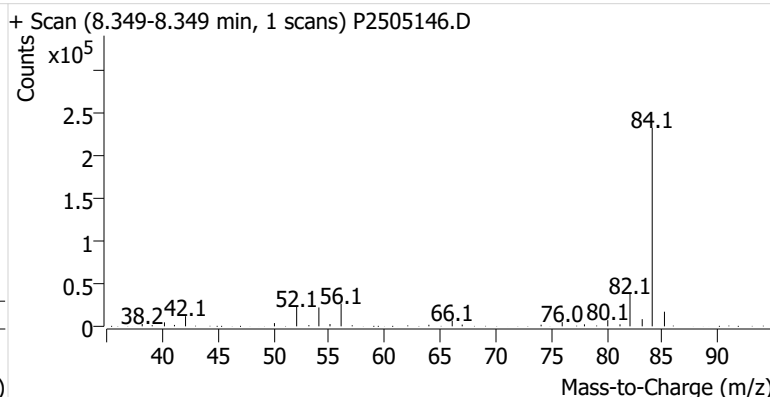
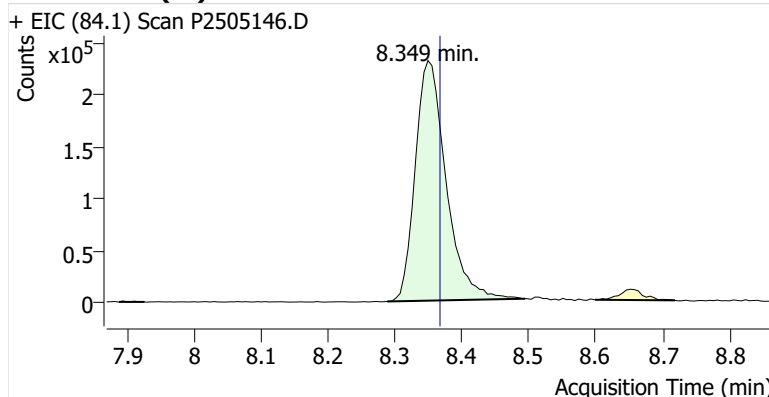
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Comment C60245
Data File P2505146.D
Acq. Date-Time 8/12/2025 5:10:59 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

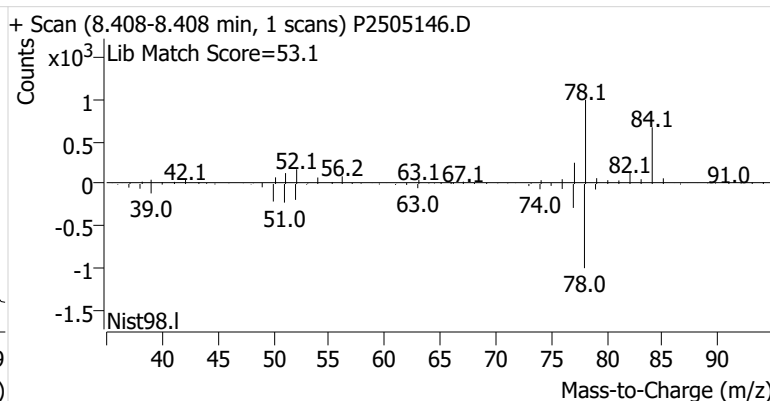
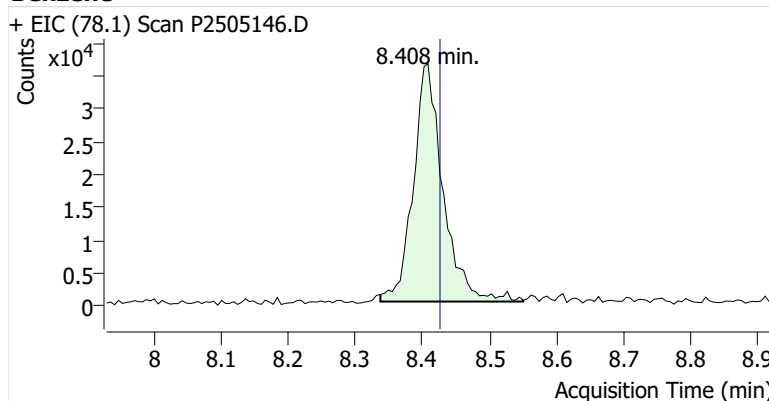


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	743,275	
Benzene	benzene-d6 (IS)	8.408	8.426	112,356	
Toluene-d8 (IS)		10.913	10.931	904,641	
Toluene	Toluene-d8 (IS)	11.008	11.020	217,195	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	57,479	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	157,600	
o-Xylene	Toluene-d8 (IS)	13.797	13.809	52,889	

benzene-d6 (IS)

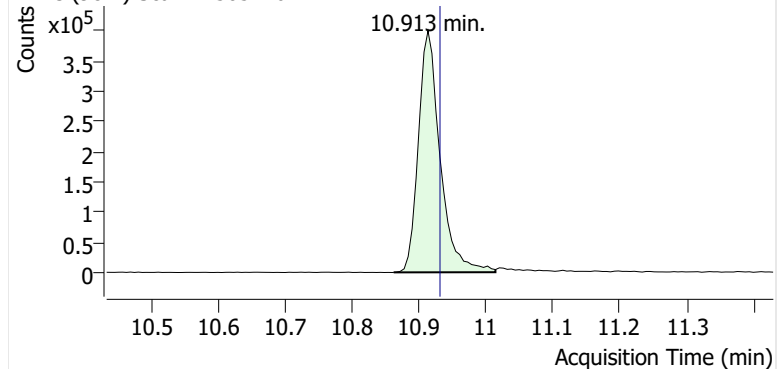


Benzene

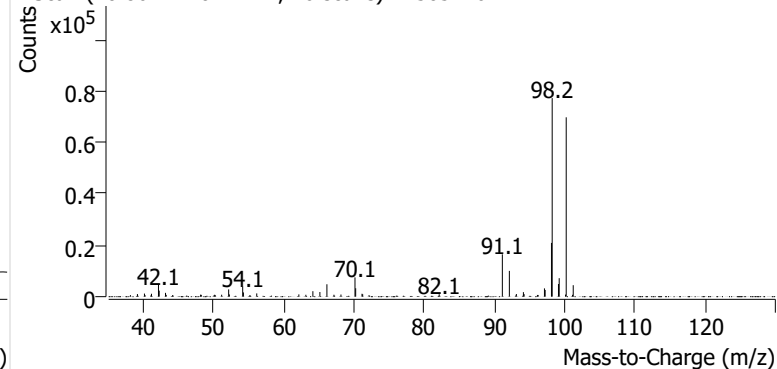


Toluene-d8 (IS)

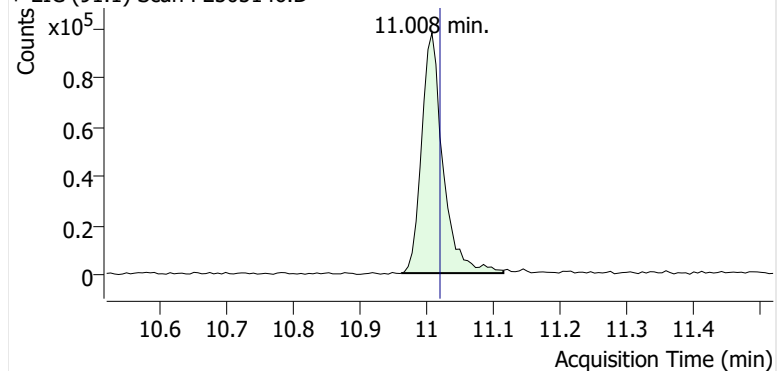
+ EIC (98.1) Scan P2505146.D



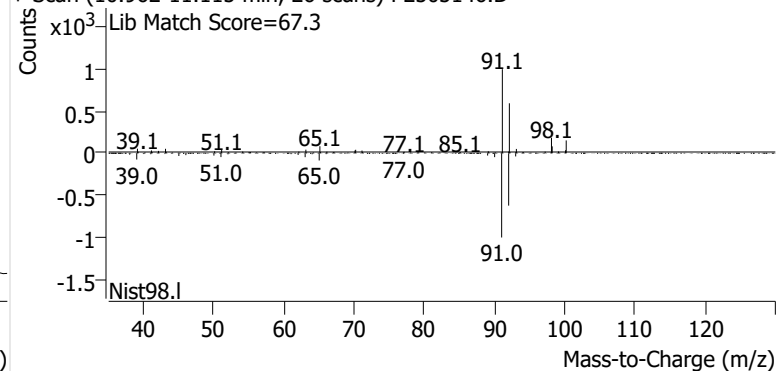
+ Scan (10.862-11.014 min, 26 scans) P2505146.D

**Toluene**

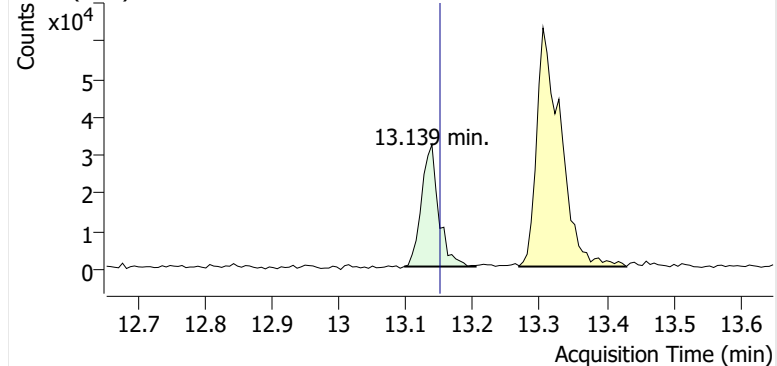
+ EIC (91.1) Scan P2505146.D



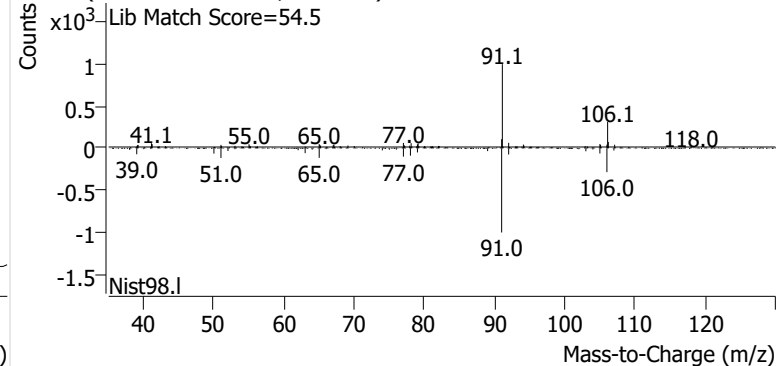
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**Ethylbenzene**

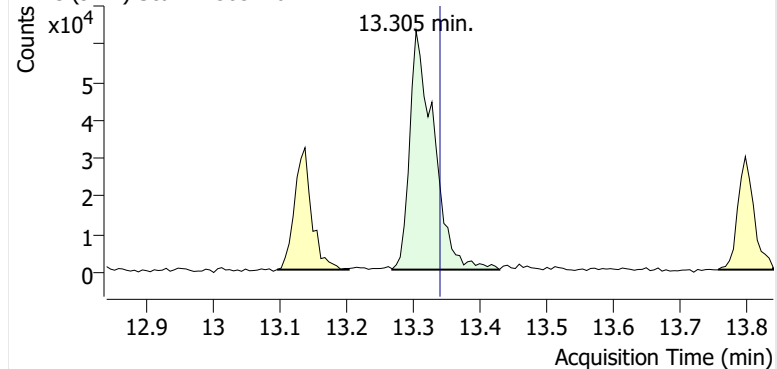
+ EIC (91.1) Scan P2505146.D



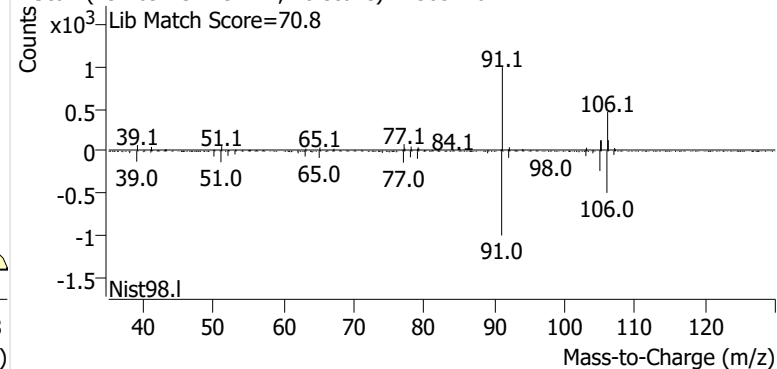
+ Scan (13.097-13.204 min, 18 scans) P2505146.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505146.D

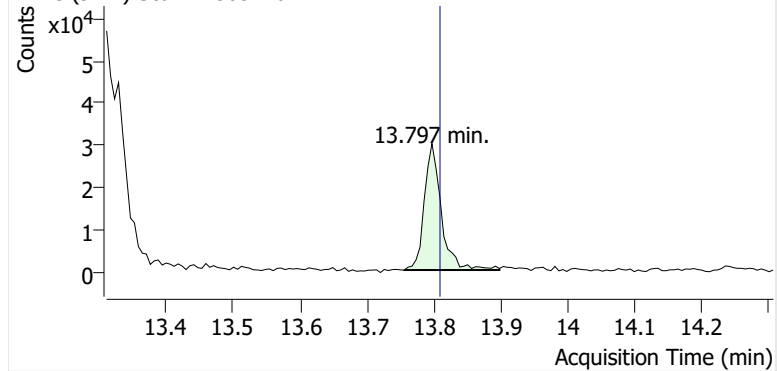


+ Scan (13.269-13.429 min, 28 scans) P2505146.D

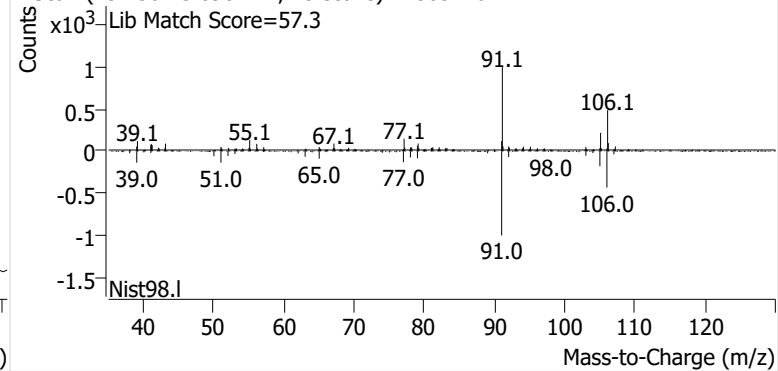


o-Xylene

+ EIC (91.1) Scan P2505146.D

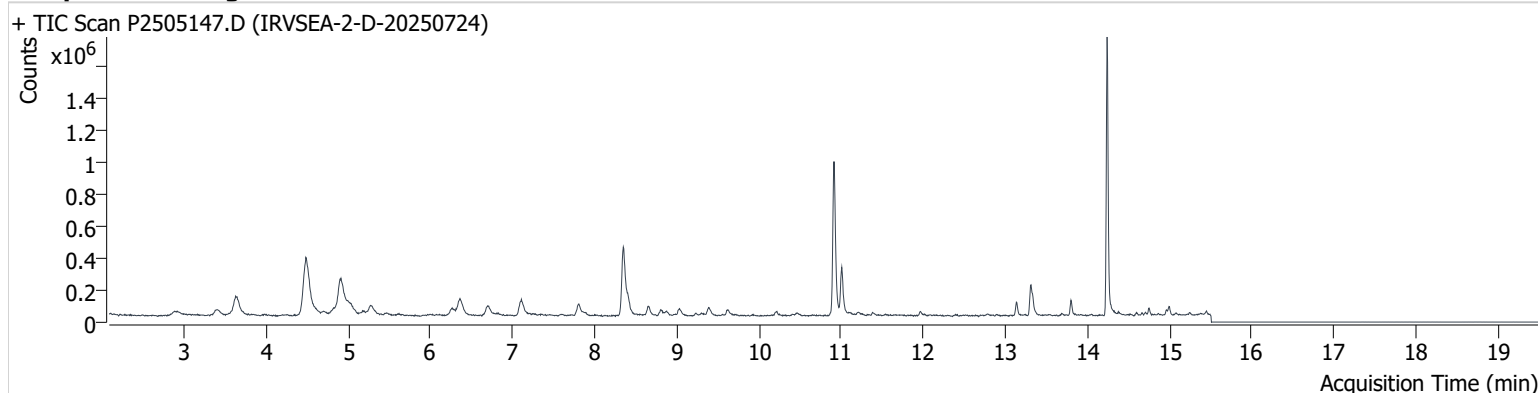


+ Scan (13.756-13.898 min, 25 scans) P2505146.D



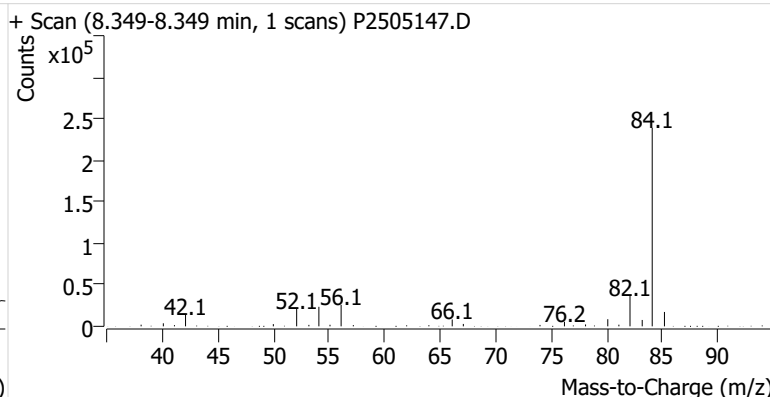
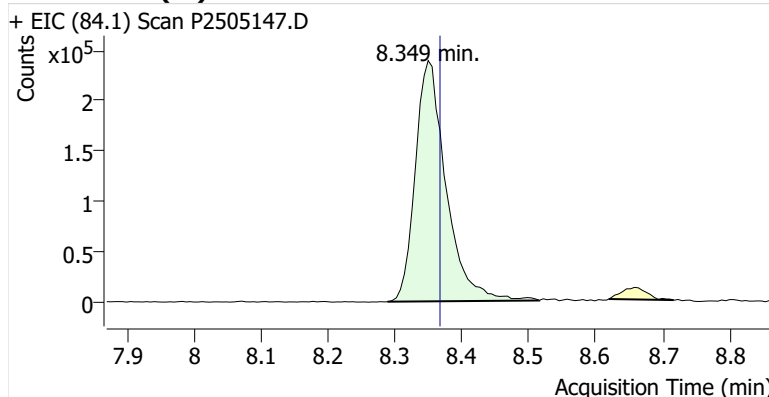
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Comment B50680
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Acq. Date-Time 8/12/2025 5:48:18 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

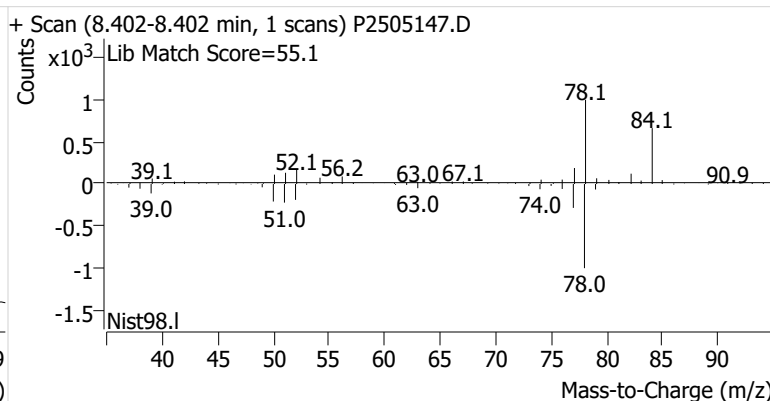
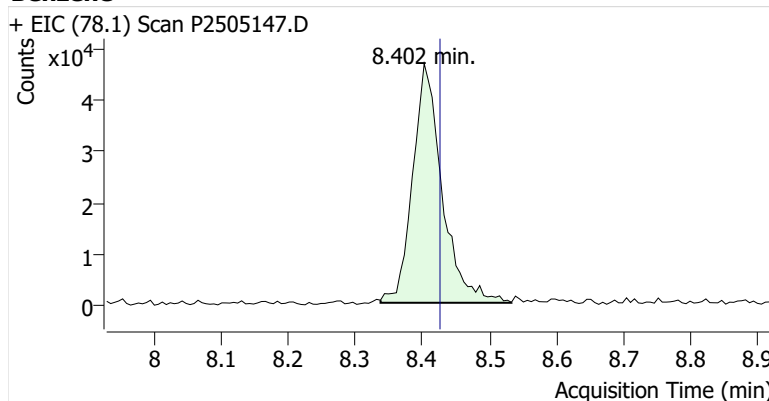


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	763,740	
Benzene	benzene-d6 (IS)	8.402	8.426	142,809	
Toluene-d8 (IS)		10.913	10.931	909,101	
Toluene	Toluene-d8 (IS)	11.008	11.020	269,597	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	71,683	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	190,862	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	60,986	

benzene-d6 (IS)

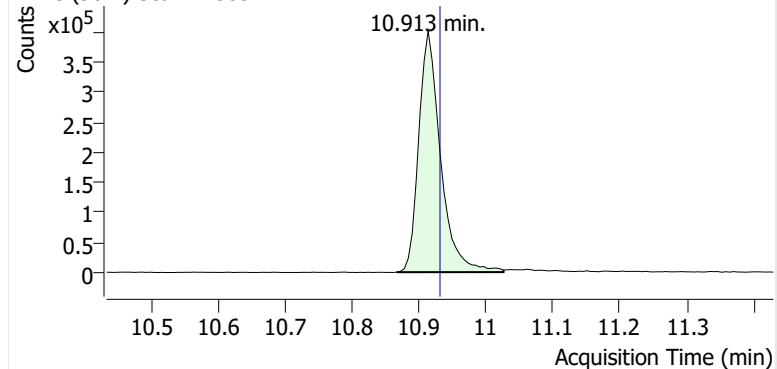


Benzene

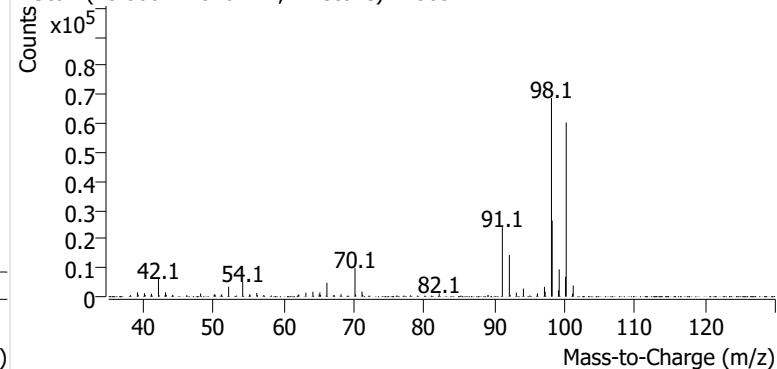


Toluene-d8 (IS)

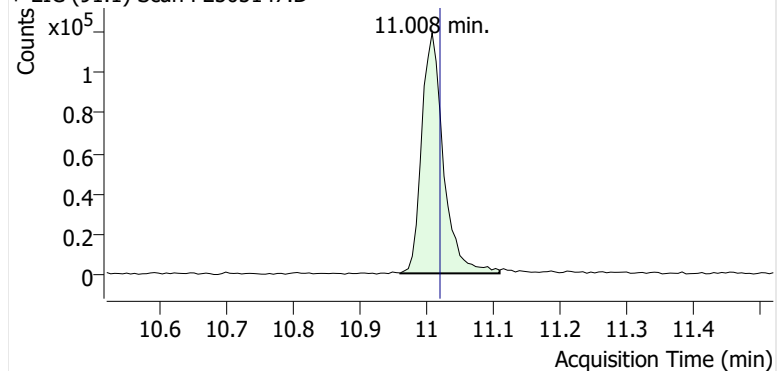
+ EIC (98.1) Scan P2505147.D



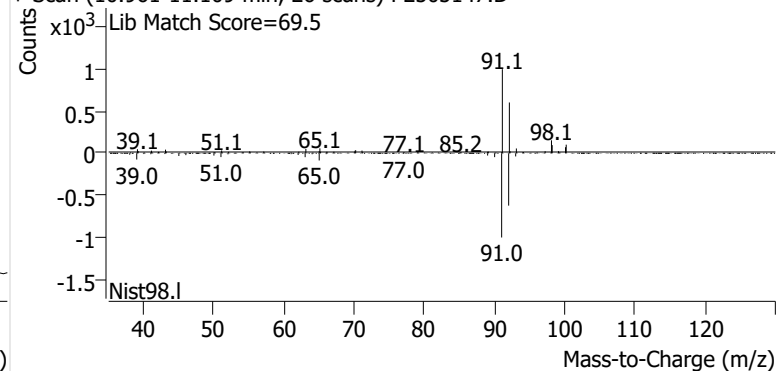
+ Scan (10.866-11.026 min, 27 scans) P2505147.D

**Toluene**

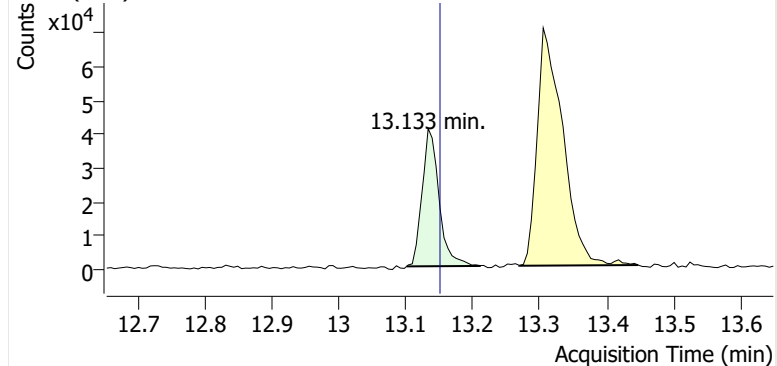
+ EIC (91.1) Scan P2505147.D



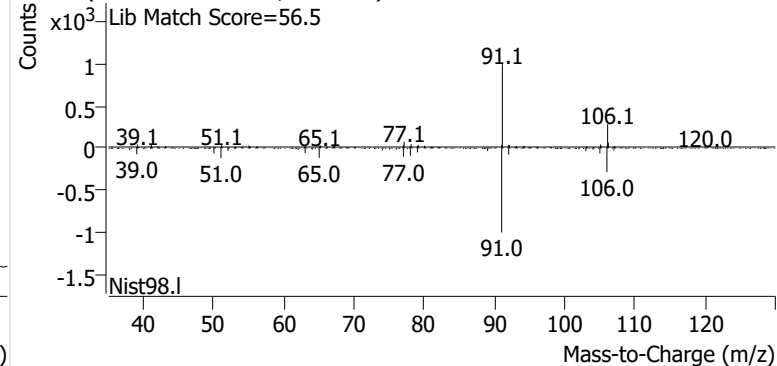
+ Scan (10.961-11.109 min, 26 scans) P2505147.D

**Ethylbenzene**

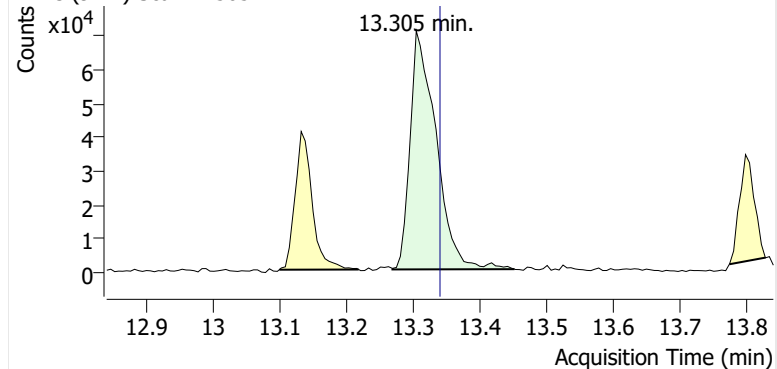
+ EIC (91.1) Scan P2505147.D



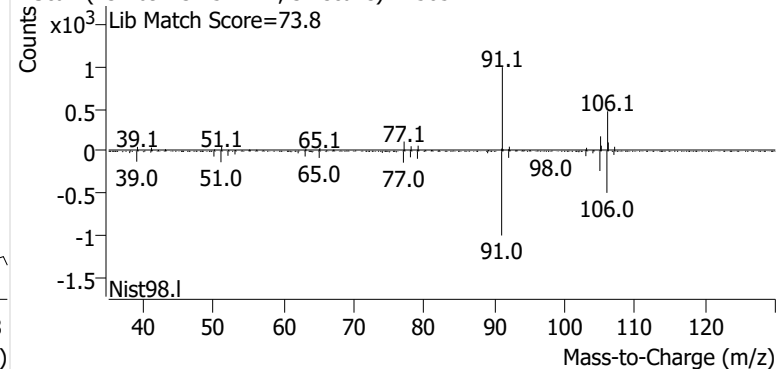
+ Scan (13.101-13.210 min, 19 scans) P2505147.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505147.D

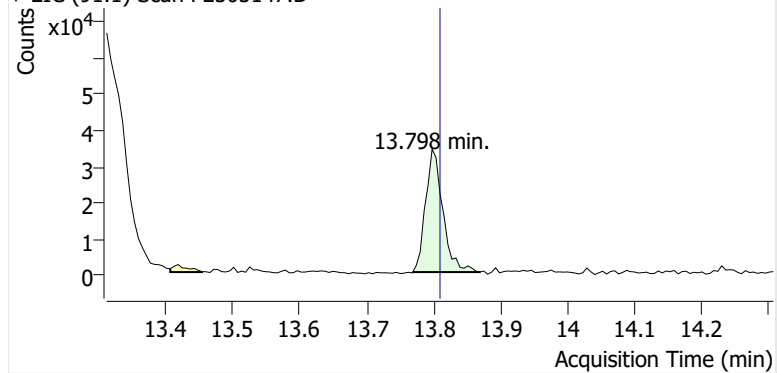


+ Scan (13.269-13.452 min, 31 scans) P2505147.D

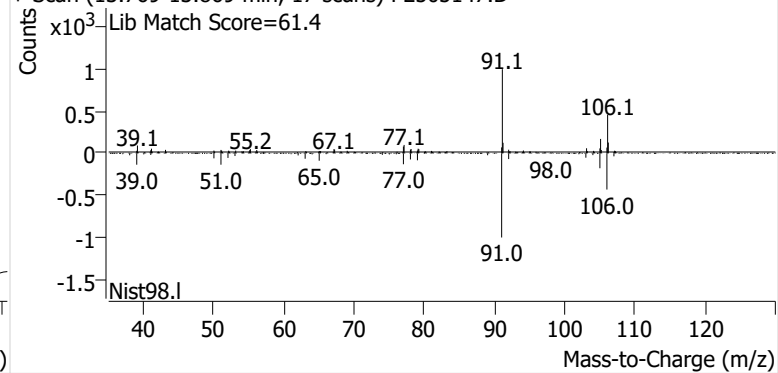


o-Xylene

+ EIC (91.1) Scan P2505147.D

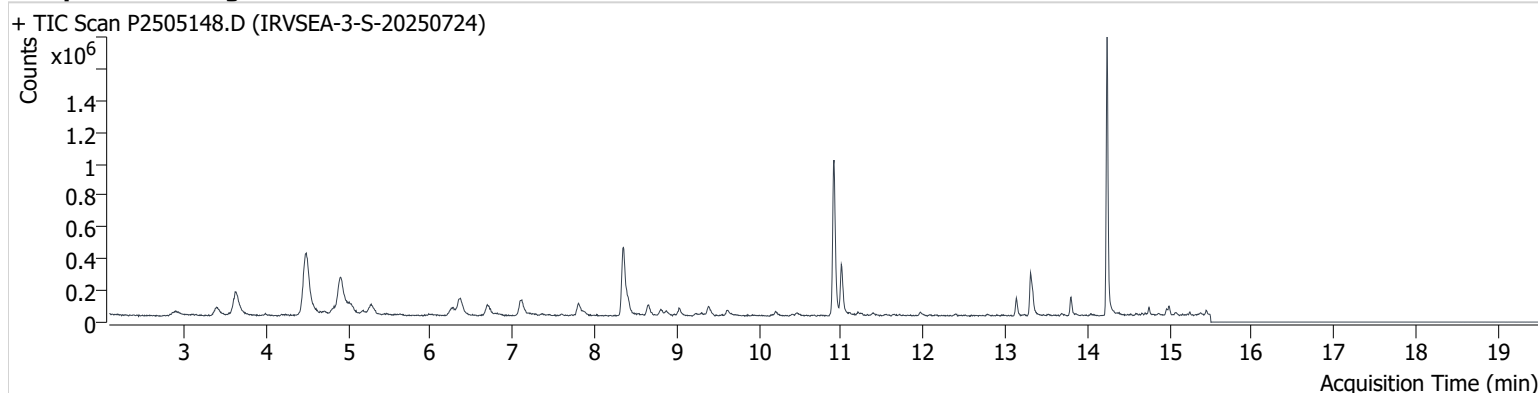


+ Scan (13.769-13.869 min, 17 scans) P2505147.D



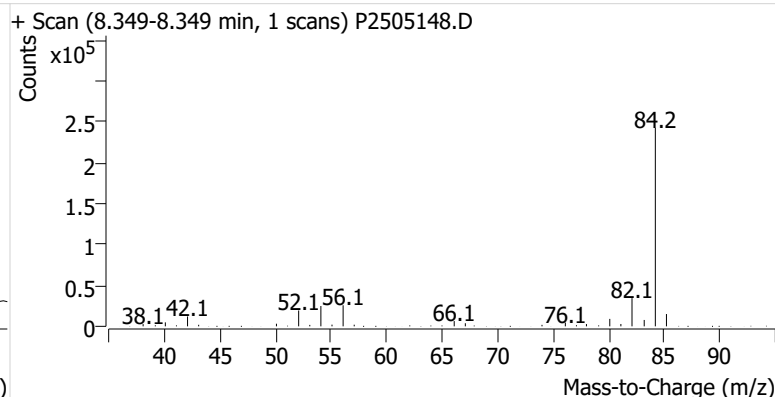
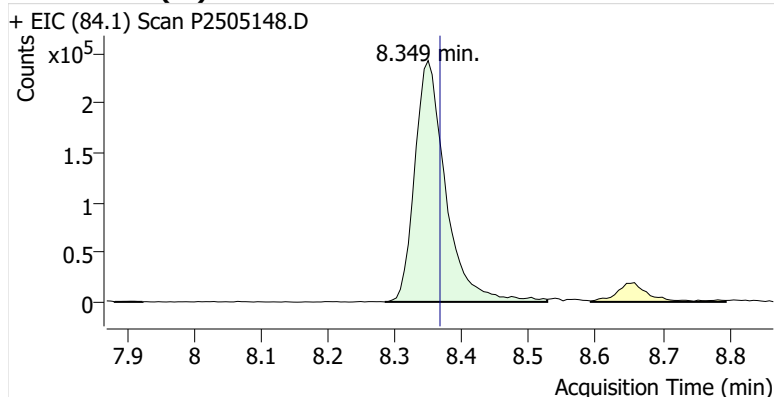
Name IRVSEA-3-S-20250724
Comment B52892
Data File P2505148.D
Acq. Date-Time 8/12/2025 6:25:36 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

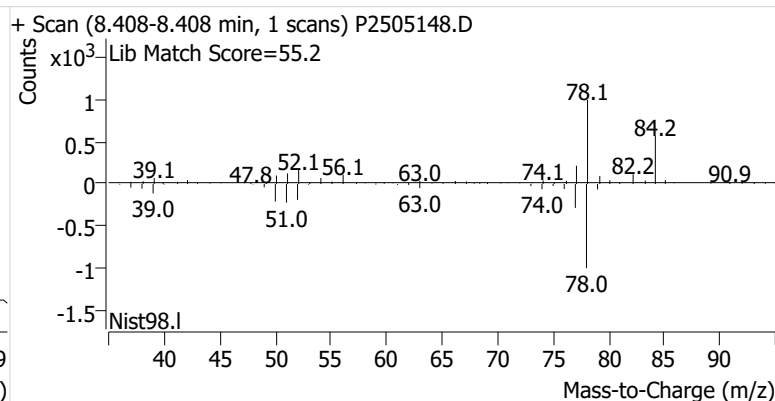
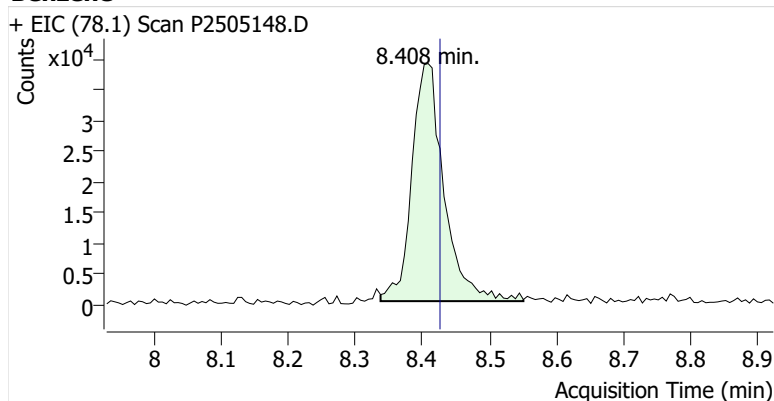


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	777,918	
Benzene	benzene-d6 (IS)	8.408	8.426	129,551	
Toluene-d8 (IS)		10.913	10.931	925,867	
Toluene	Toluene-d8 (IS)	11.002	11.020	295,418	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	84,816	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	242,017	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	76,580	

benzene-d6 (IS)

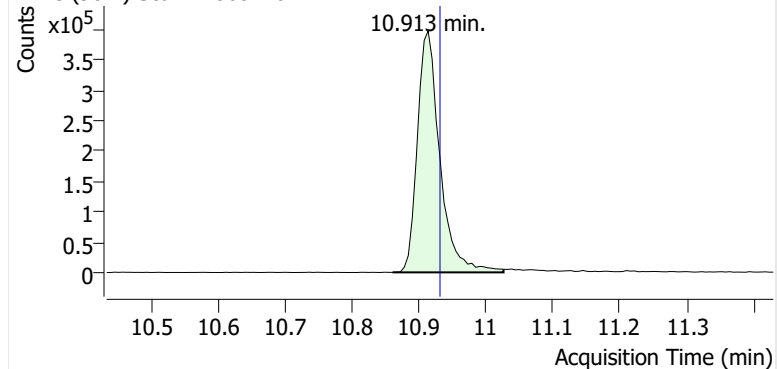


Benzene

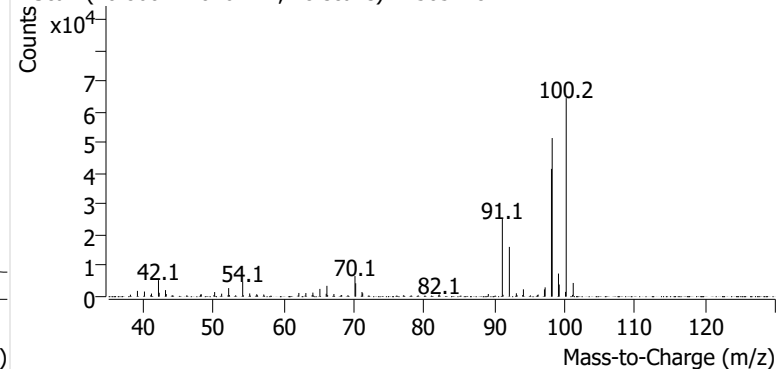


Toluene-d8 (IS)

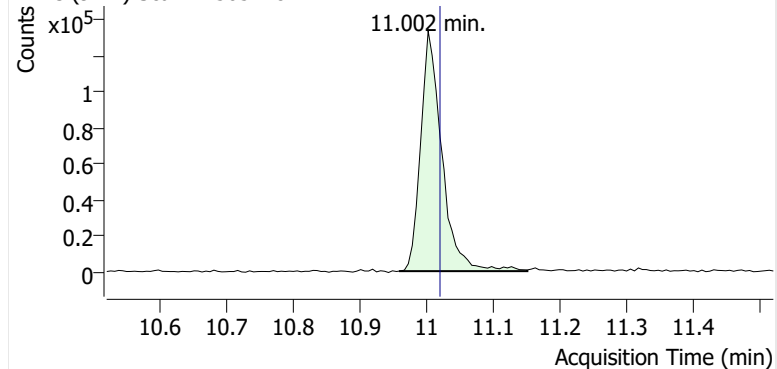
+ EIC (98.1) Scan P2505148.D



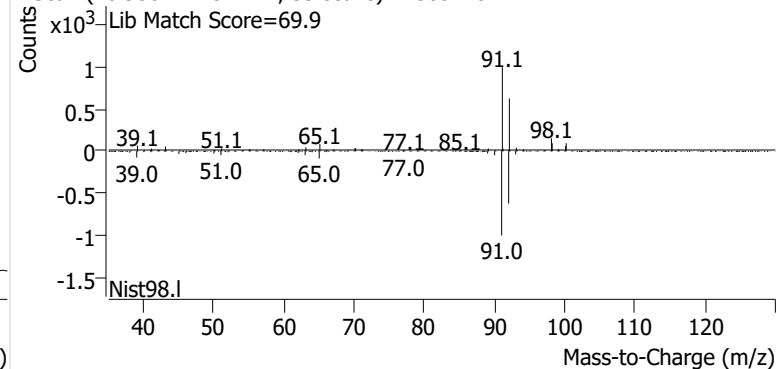
+ Scan (10.860-11.026 min, 28 scans) P2505148.D

**Toluene**

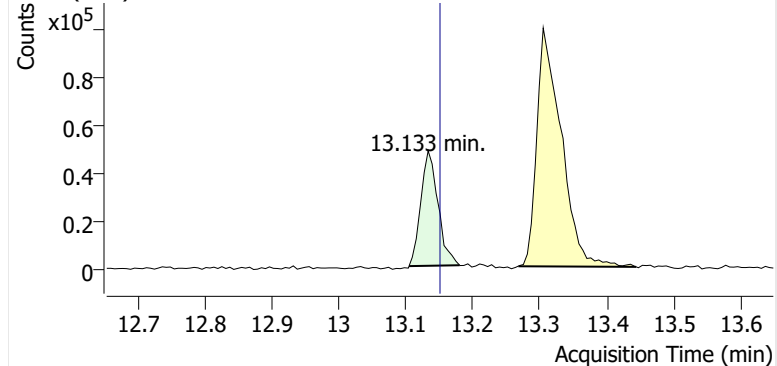
+ EIC (91.1) Scan P2505148.D



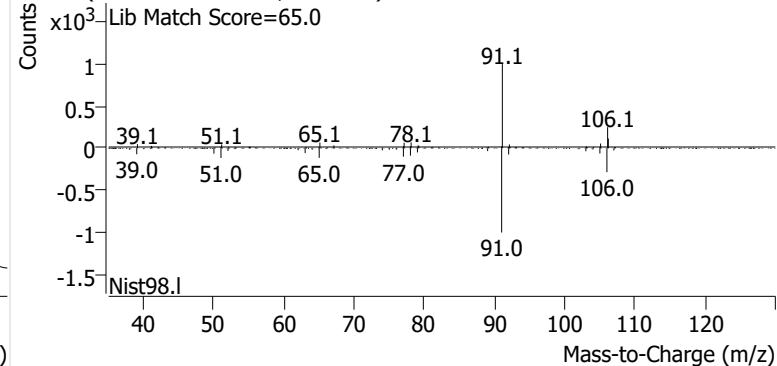
+ Scan (10.958-11.151 min, 33 scans) P2505148.D

**Ethylbenzene**

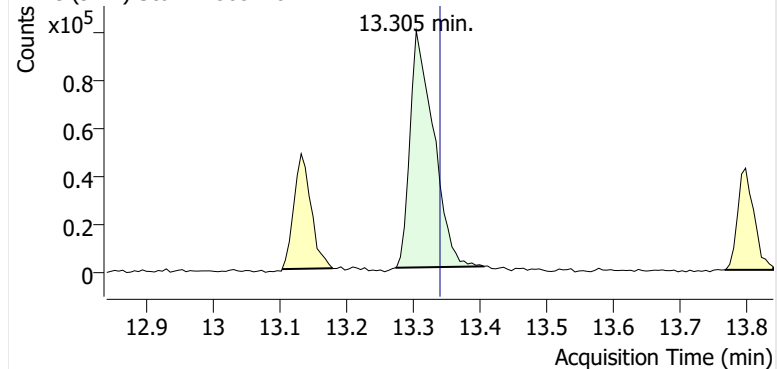
+ EIC (91.1) Scan P2505148.D



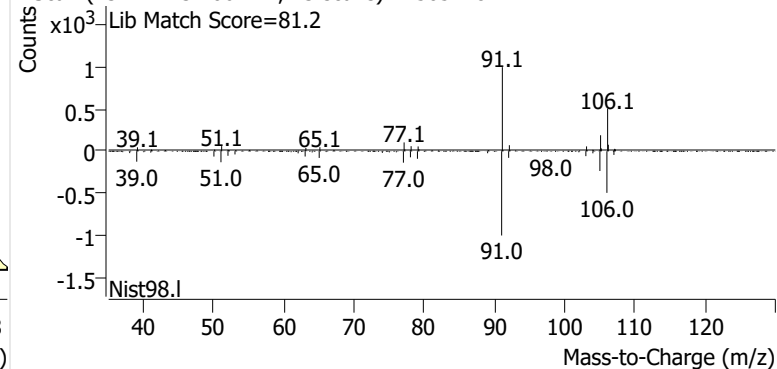
+ Scan (13.104-13.180 min, 12 scans) P2505148.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505148.D

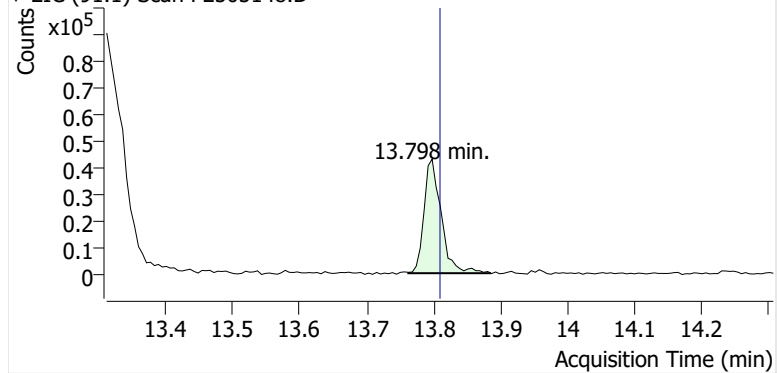


+ Scan (13.274-13.406 min, 23 scans) P2505148.D

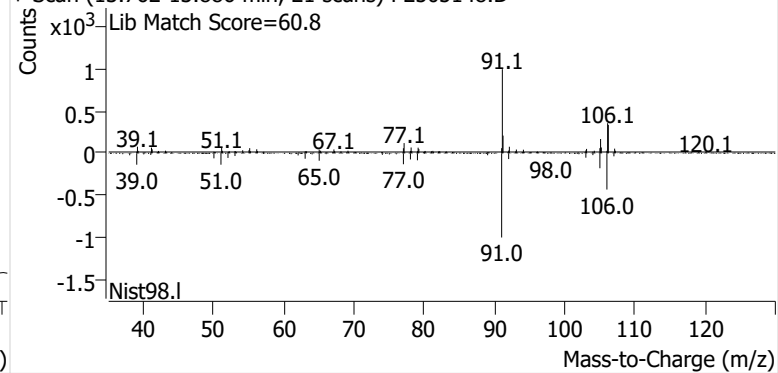


o-Xylene

+ EIC (91.1) Scan P2505148.D

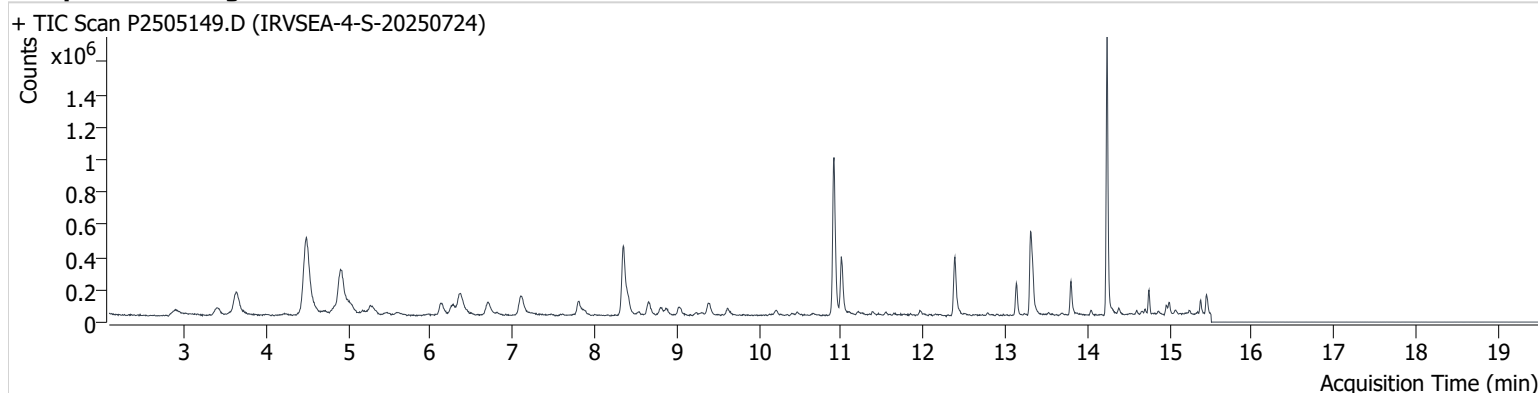


+ Scan (13.762-13.886 min, 21 scans) P2505148.D



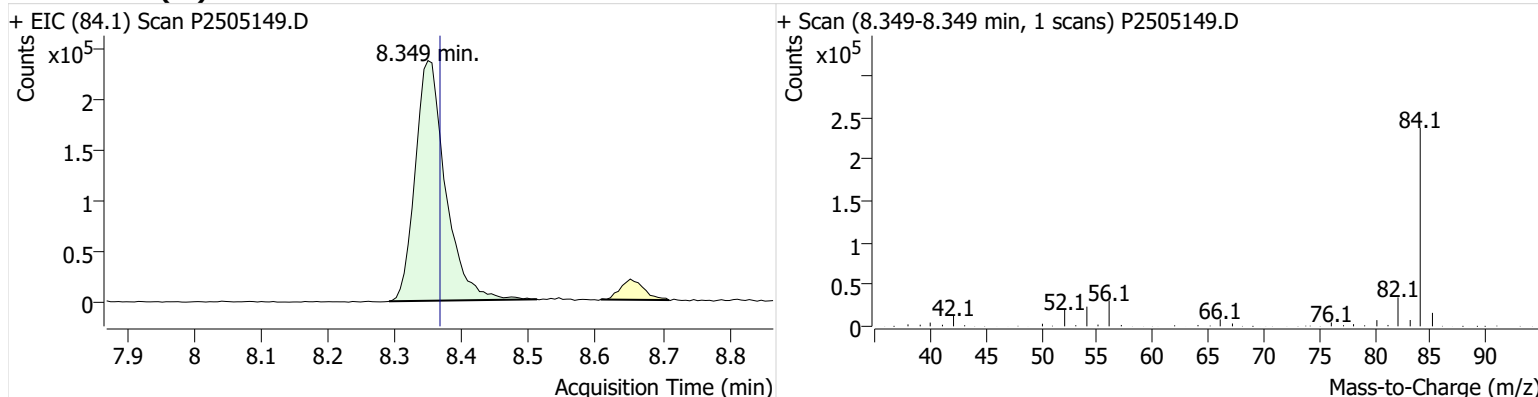
Name IRVSEA-4-S-20250724
Comment C57528
Data File P2505149.D
Acq. Date-Time 8/12/2025 7:02:54 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

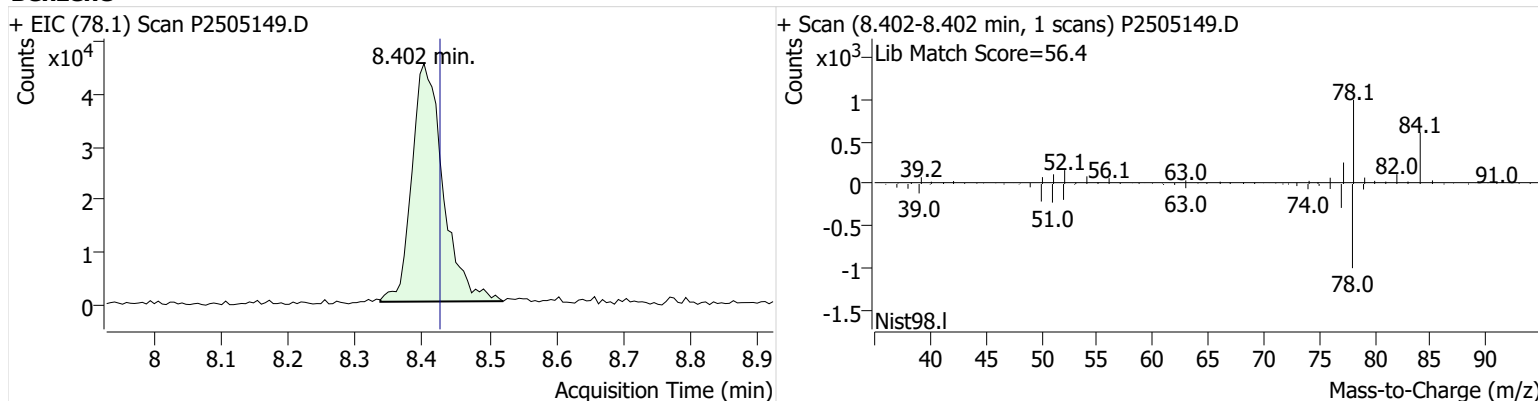


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	743,600	
Benzene	benzene-d6 (IS)	8.402	8.426	146,183	
Toluene-d8 (IS)		10.913	10.931	902,161	
Toluene	Toluene-d8 (IS)	11.002	11.020	327,257	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	170,875	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	527,551	
o-Xylene	Toluene-d8 (IS)	13.797	13.809	140,786	

benzene-d6 (IS)

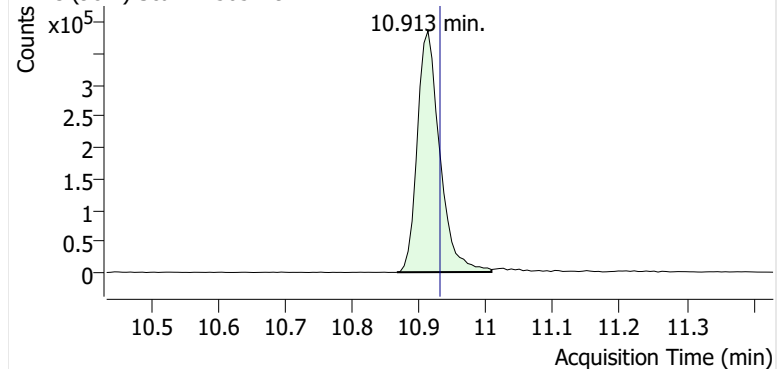


Benzene

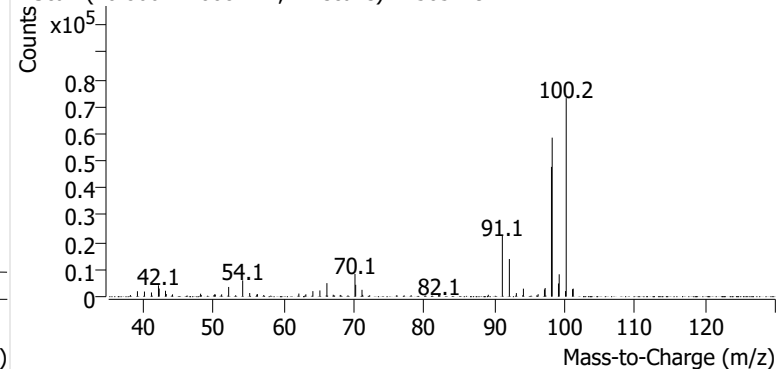


Toluene-d8 (IS)

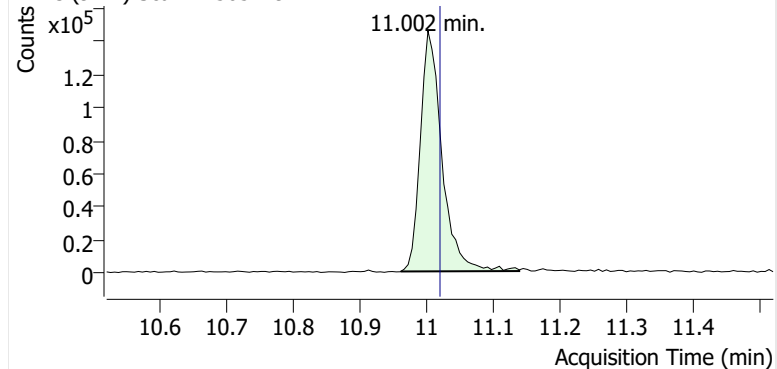
+ EIC (98.1) Scan P2505149.D



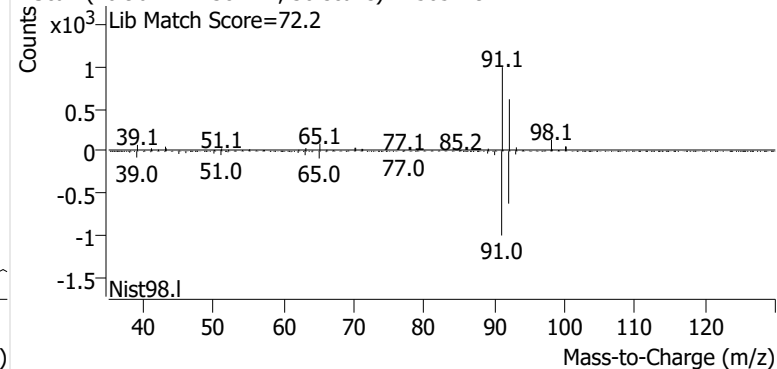
+ Scan (10.866-11.008 min, 24 scans) P2505149.D

**Toluene**

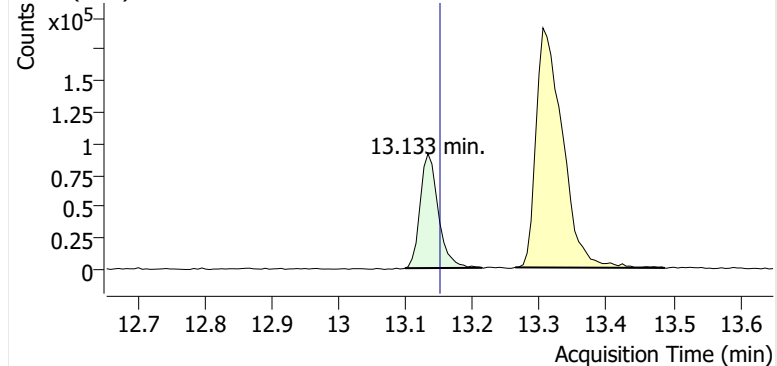
+ EIC (91.1) Scan P2505149.D



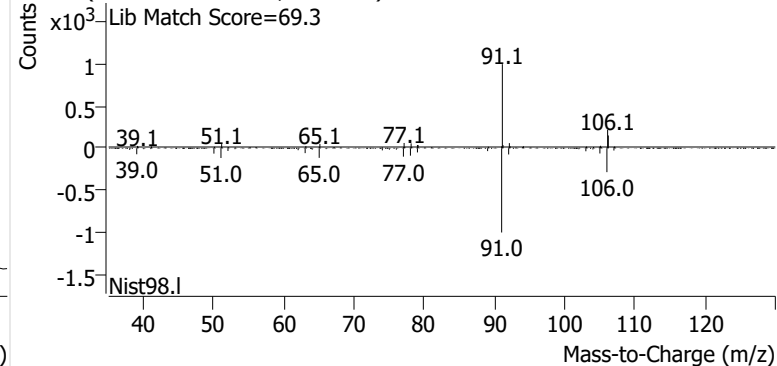
+ Scan (10.961-11.138 min, 30 scans) P2505149.D

**Ethylbenzene**

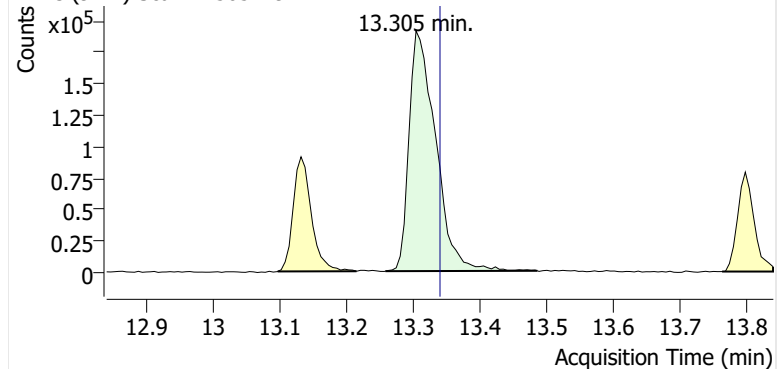
+ EIC (91.1) Scan P2505149.D



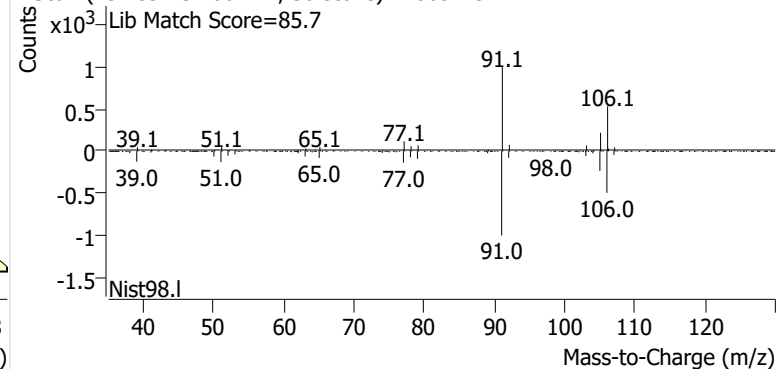
+ Scan (13.098-13.214 min, 19 scans) P2505149.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505149.D

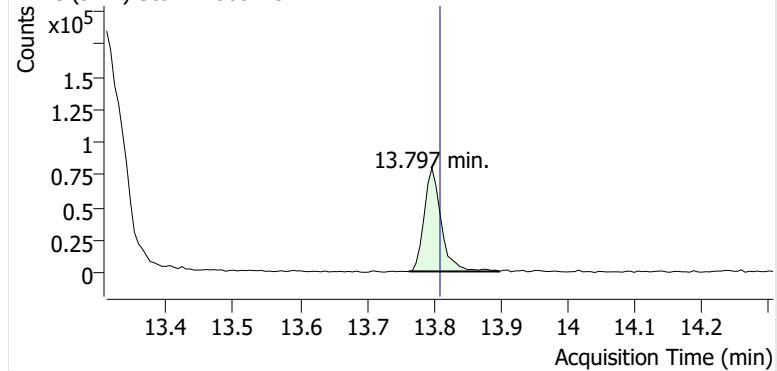


+ Scan (13.259-13.486 min, 38 scans) P2505149.D

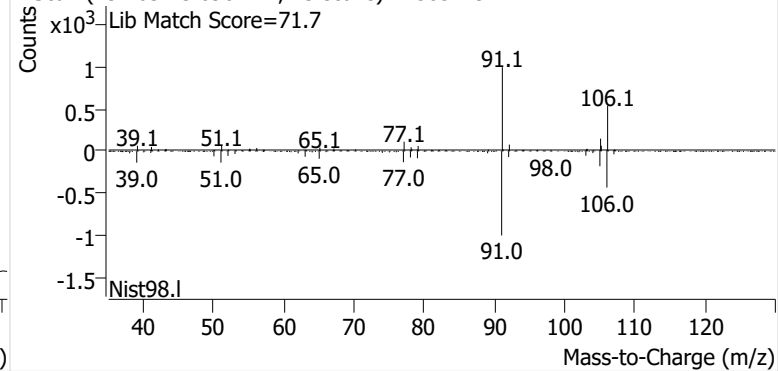


o-Xylene

+ EIC (91.1) Scan P2505149.D

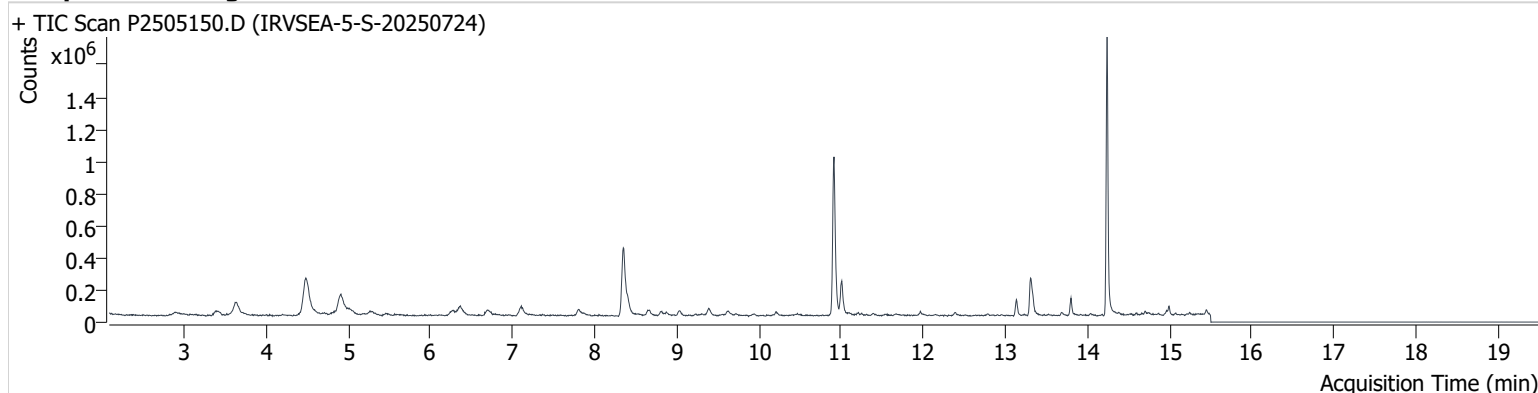


+ Scan (13.763-13.898 min, 23 scans) P2505149.D



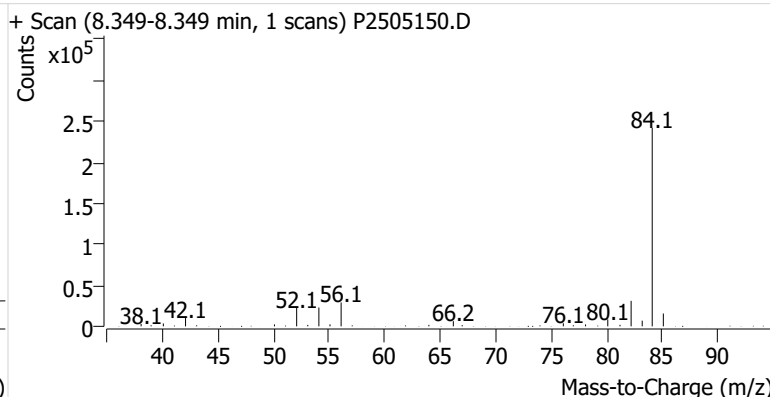
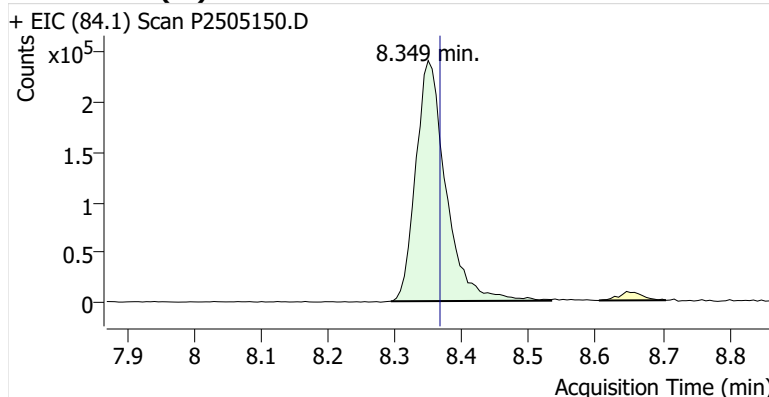
Name IRVSEA-5-S-20250724
Comment B47185
Data File P2505150.D
Acq. Date-Time 8/12/2025 7:40:12 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

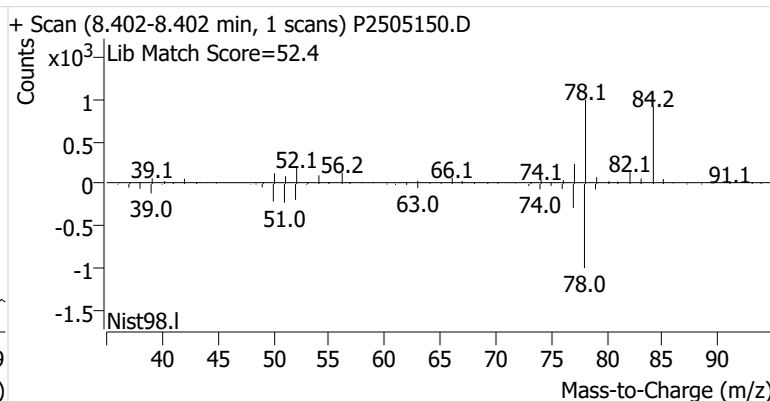
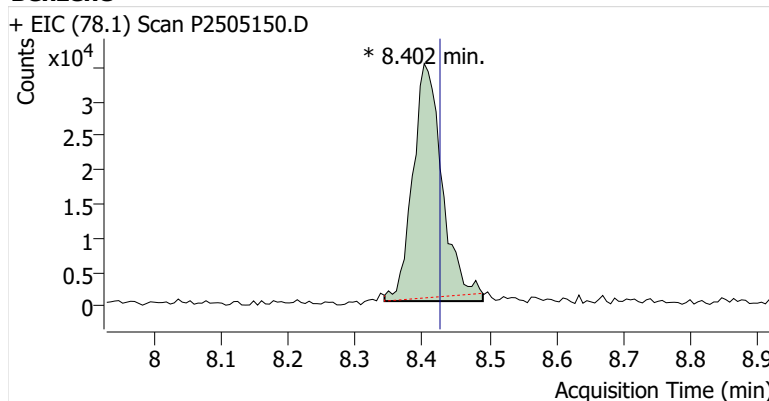


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	753,944	
Benzene	benzene-d6 (IS)	8.402	8.426	107,774	m
Toluene-d8 (IS)		10.913	10.931	895,006	
Toluene	Toluene-d8 (IS)	11.008	11.020	185,354	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	84,911	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	244,683	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	67,181	

benzene-d6 (IS)

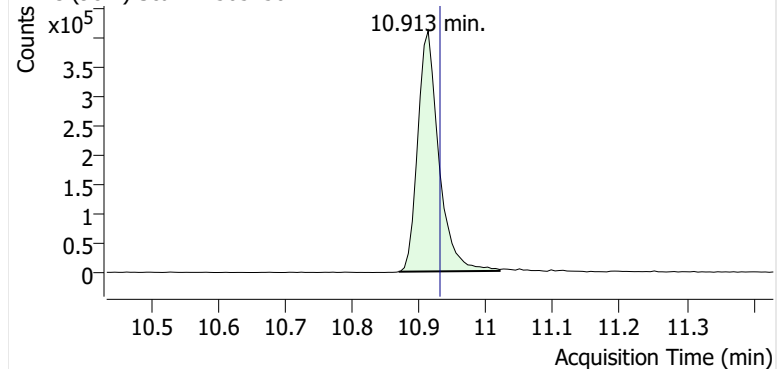


Benzene

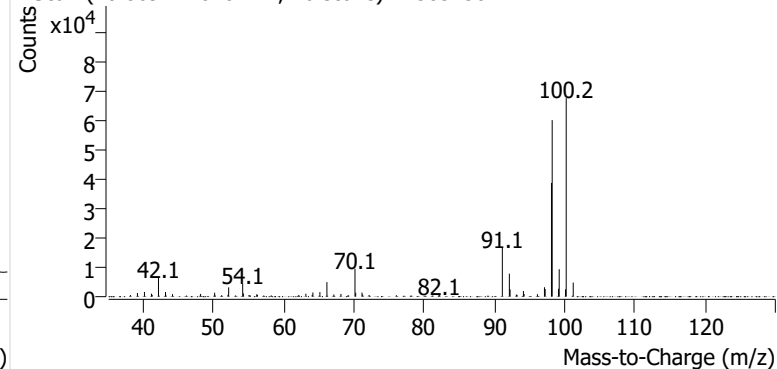


Toluene-d8 (IS)

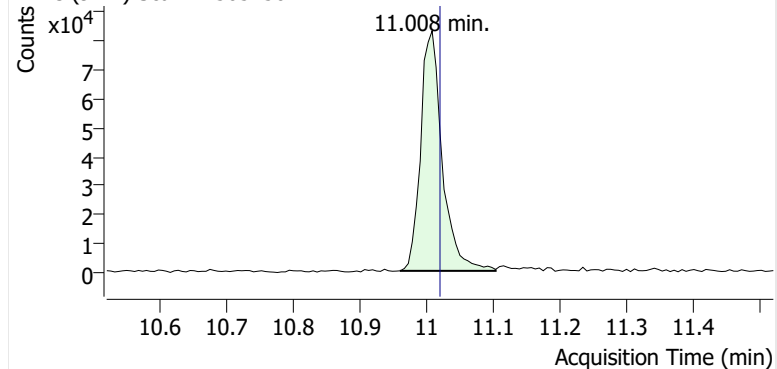
+ EIC (98.1) Scan P2505150.D



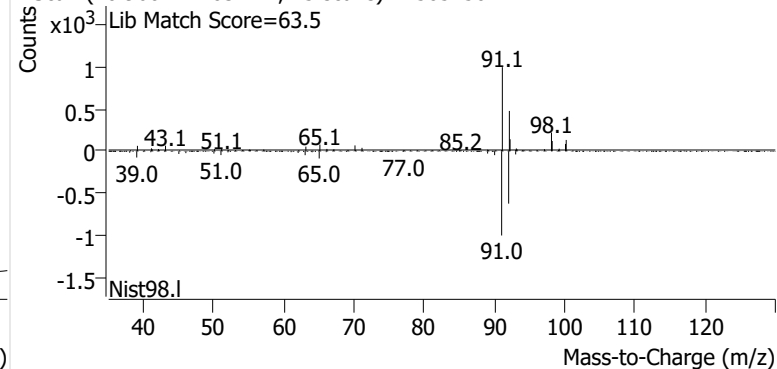
+ Scan (10.869-11.020 min, 26 scans) P2505150.D

**Toluene**

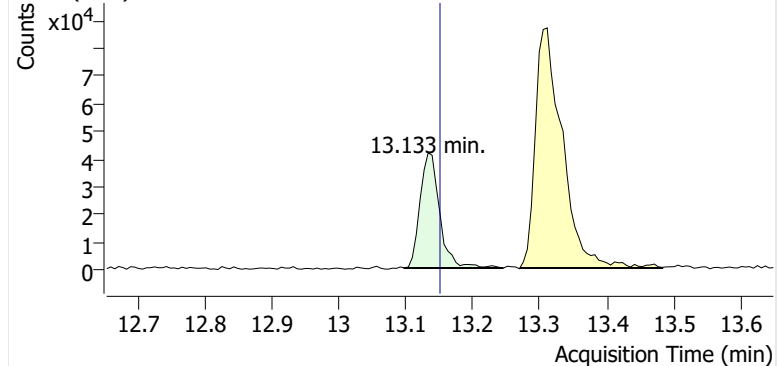
+ EIC (91.1) Scan P2505150.D



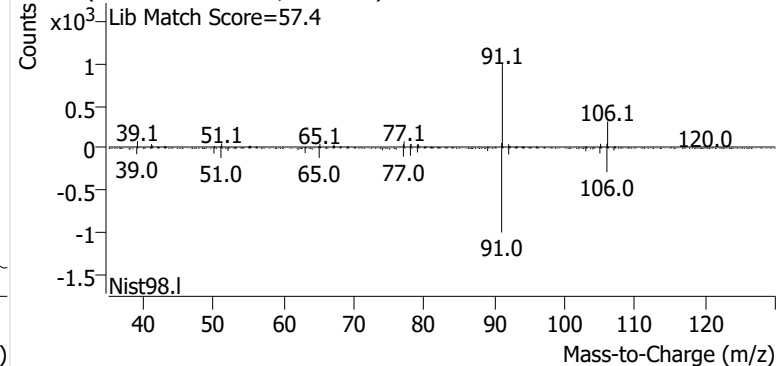
+ Scan (10.960-11.103 min, 25 scans) P2505150.D

**Ethylbenzene**

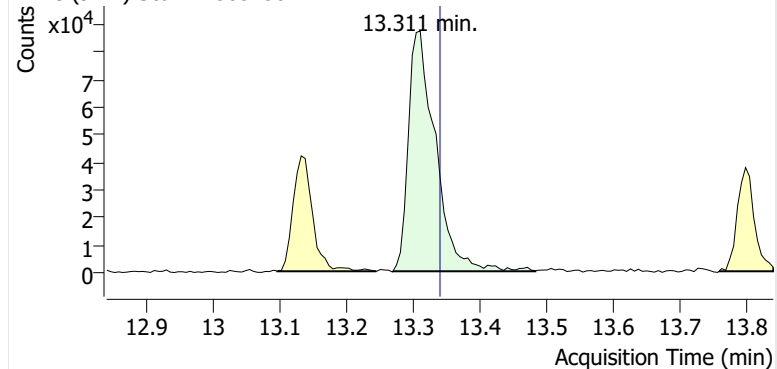
+ EIC (91.1) Scan P2505150.D



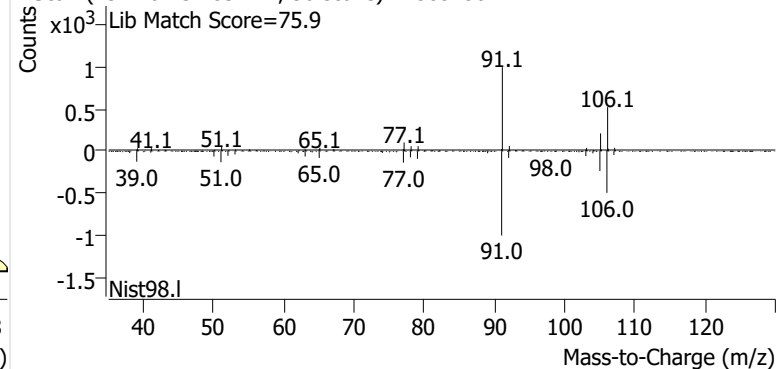
+ Scan (13.097-13.246 min, 25 scans) P2505150.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505150.D

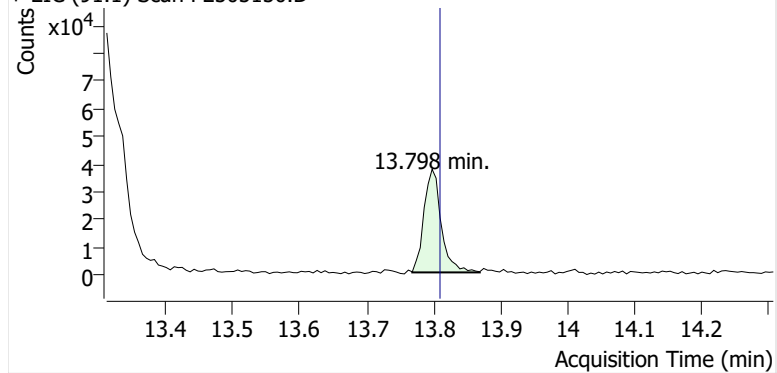


+ Scan (13.270-13.483 min, 36 scans) P2505150.D

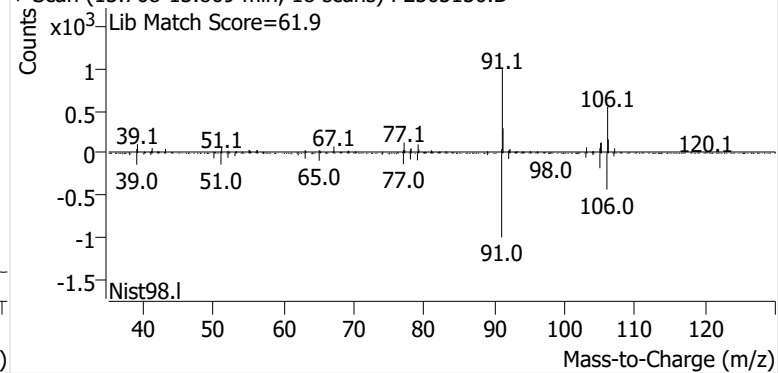


o-Xylene

+ EIC (91.1) Scan P2505150.D

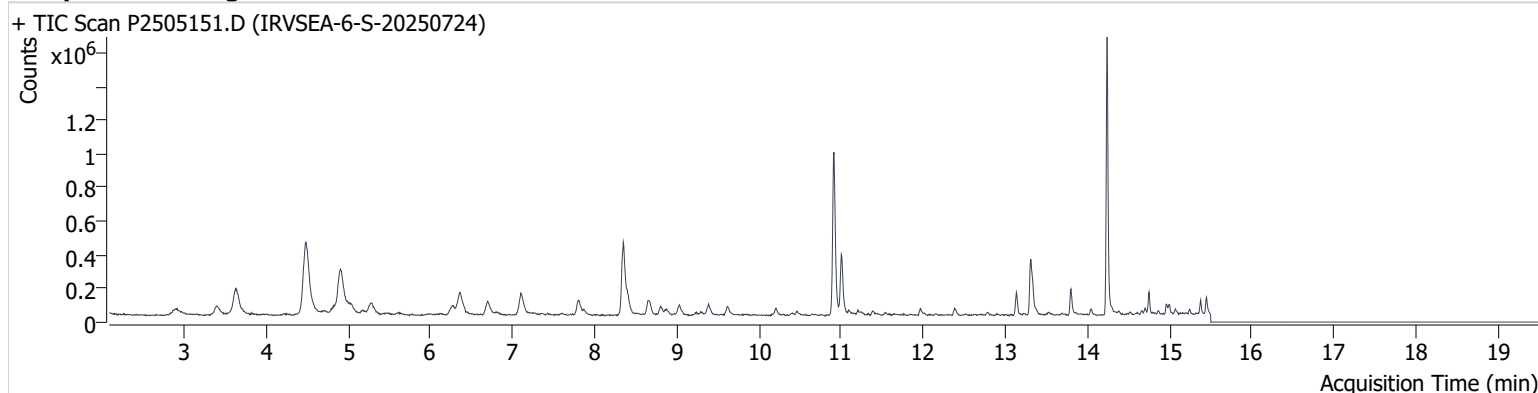


+ Scan (13.768-13.869 min, 18 scans) P2505150.D



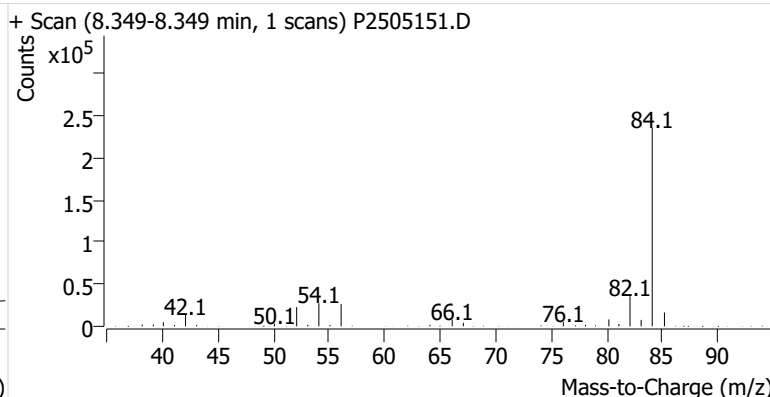
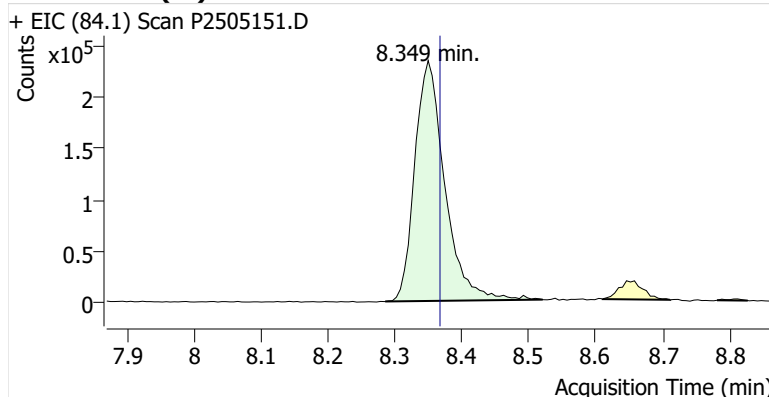
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Comment C55374
Data File P2505151.D
Acq. Date-Time 8/12/2025 8:17:30 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

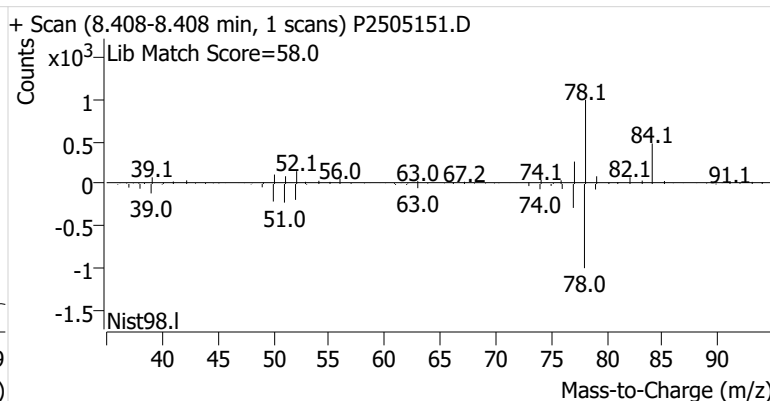
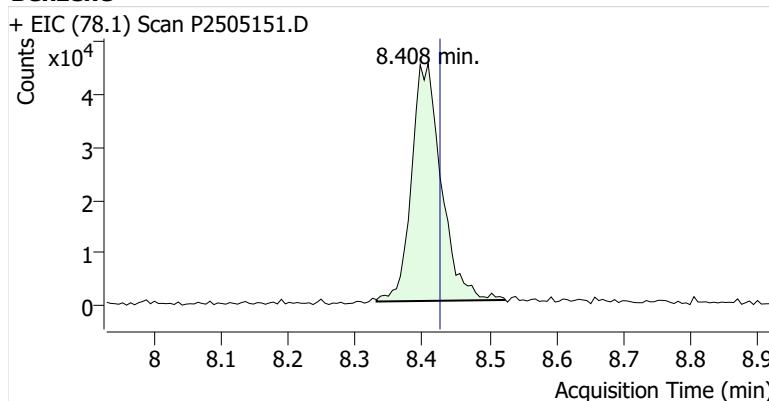


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	732,049	
Benzene	benzene-d6 (IS)	8.408	8.426	139,389	
Toluene-d8 (IS)		10.913	10.931	894,601	
Toluene	Toluene-d8 (IS)	11.002	11.020	328,572	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	110,130	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	336,218	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	104,682	

benzene-d6 (IS)

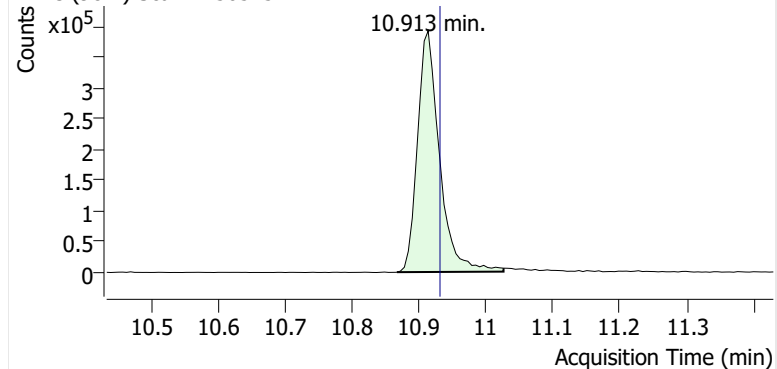


Benzene

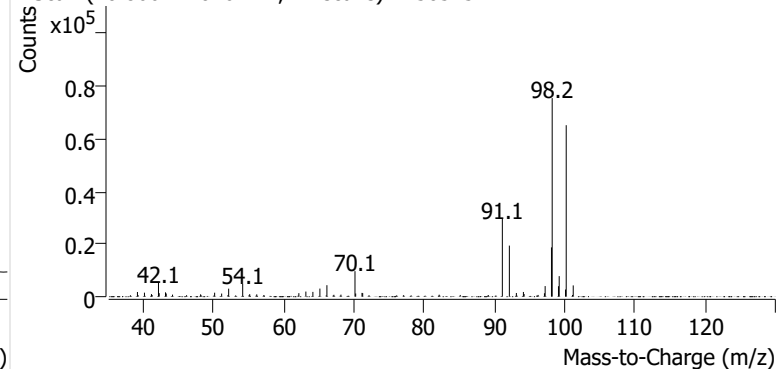


Toluene-d8 (IS)

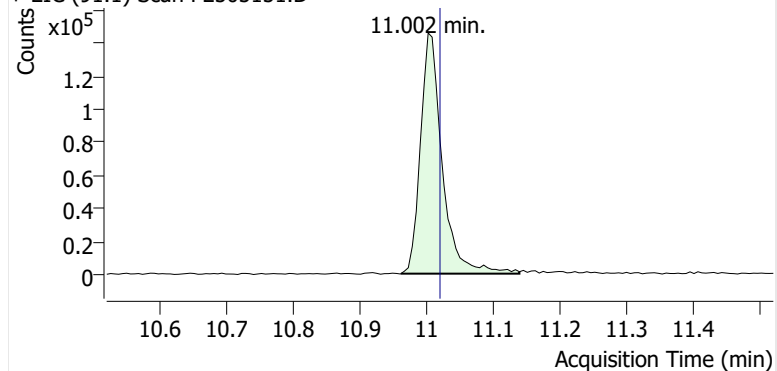
+ EIC (98.1) Scan P2505151.D



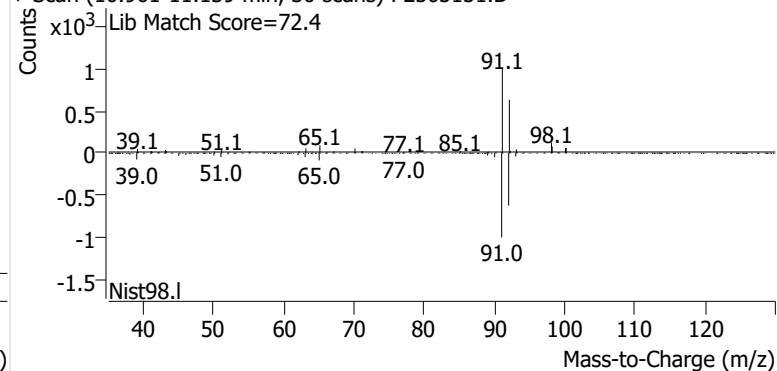
+ Scan (10.866-11.026 min, 27 scans) P2505151.D

**Toluene**

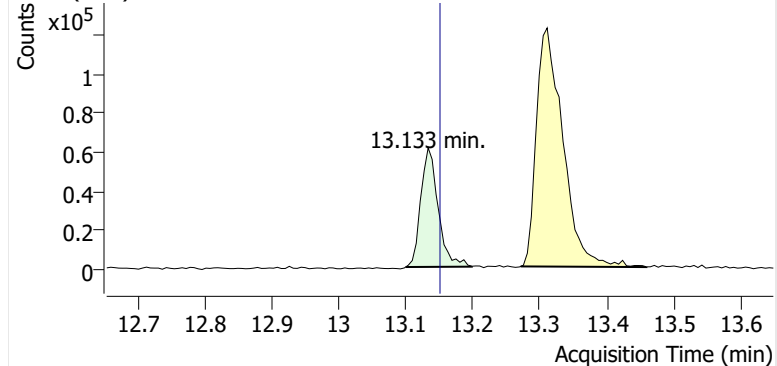
+ EIC (91.1) Scan P2505151.D



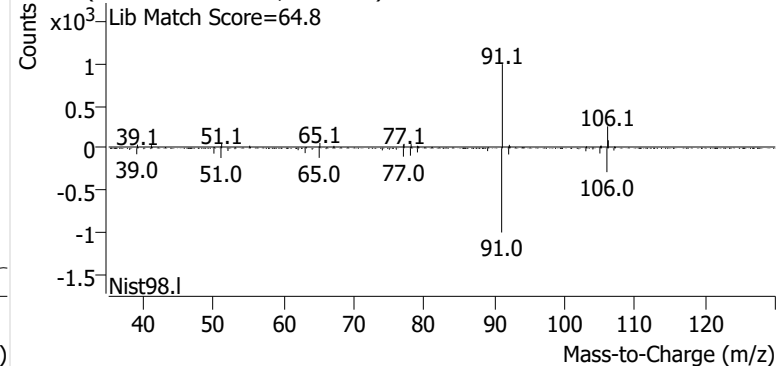
+ Scan (10.961-11.139 min, 30 scans) P2505151.D

**Ethylbenzene**

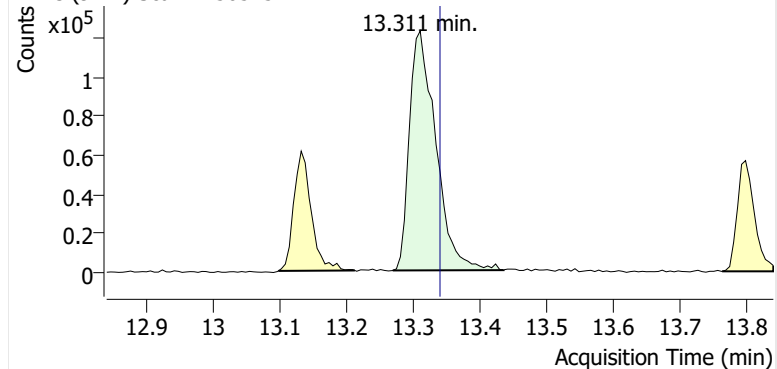
+ EIC (91.1) Scan P2505151.D



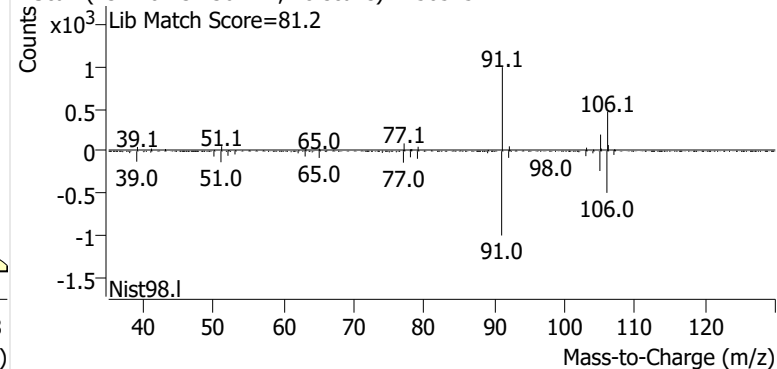
+ Scan (13.099-13.198 min, 17 scans) P2505151.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505151.D

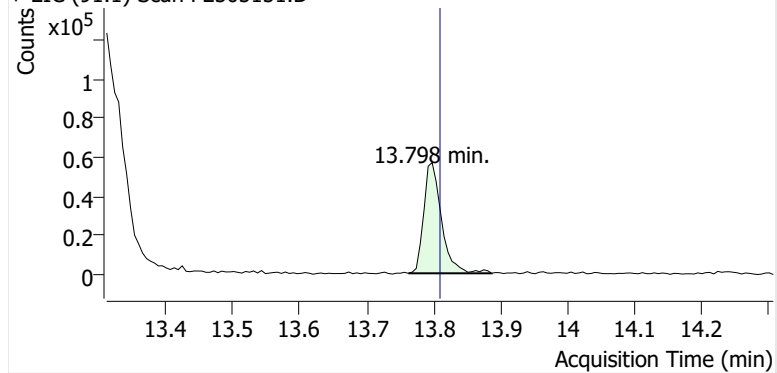


+ Scan (13.270-13.436 min, 28 scans) P2505151.D

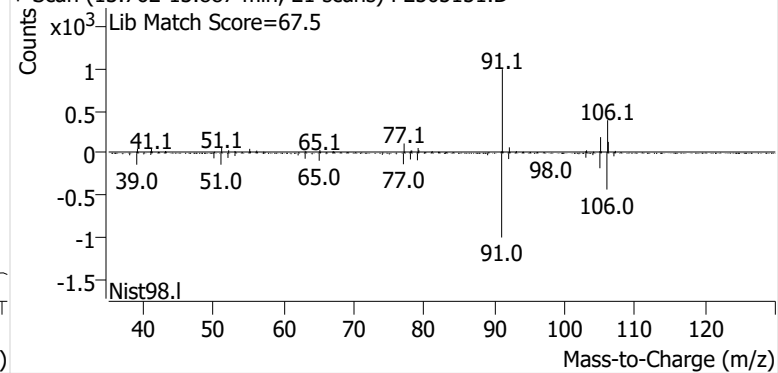


o-Xylene

+ EIC (91.1) Scan P2505151.D

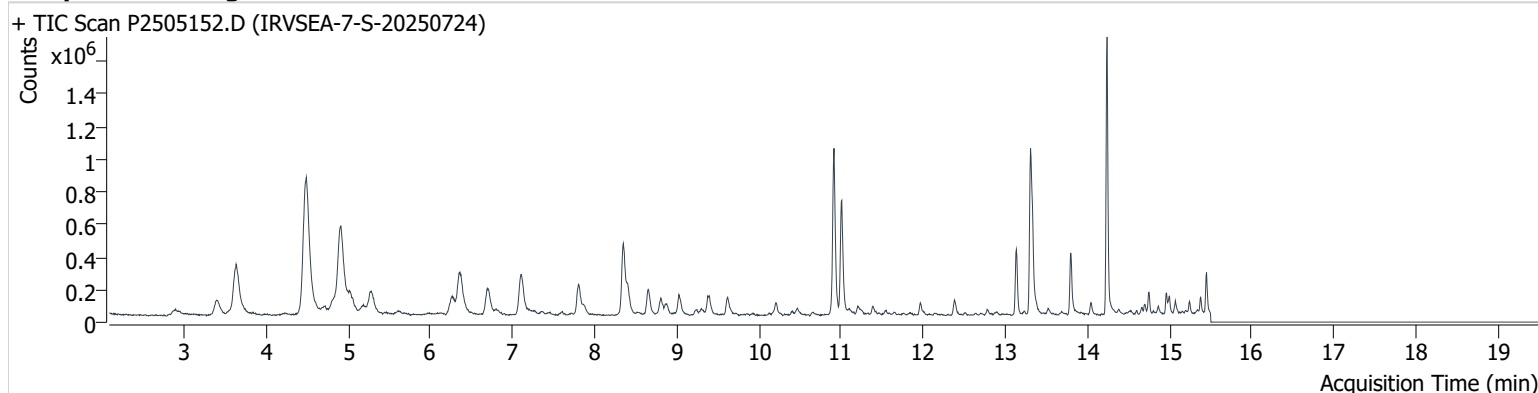


+ Scan (13.762-13.887 min, 21 scans) P2505151.D



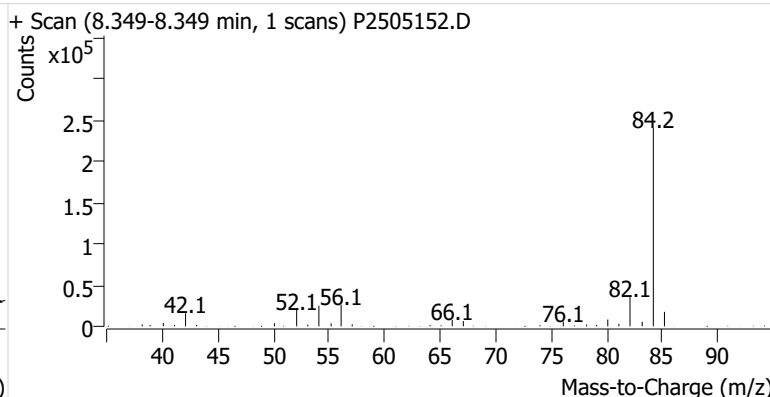
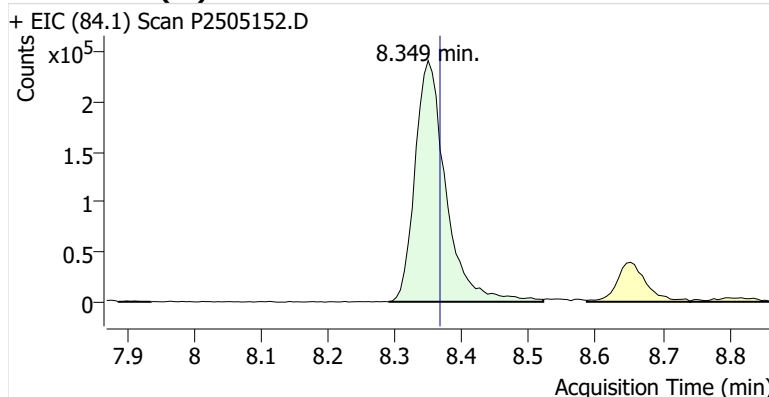
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Comment C59918
Data File P2505152.D
Acq. Date-Time 8/12/2025 8:54:48 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

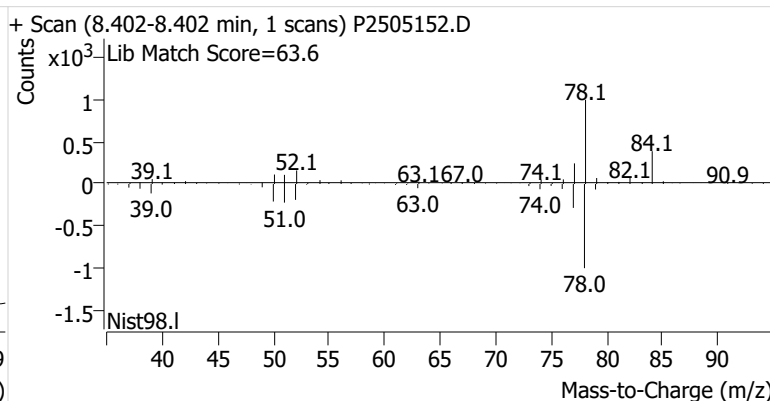
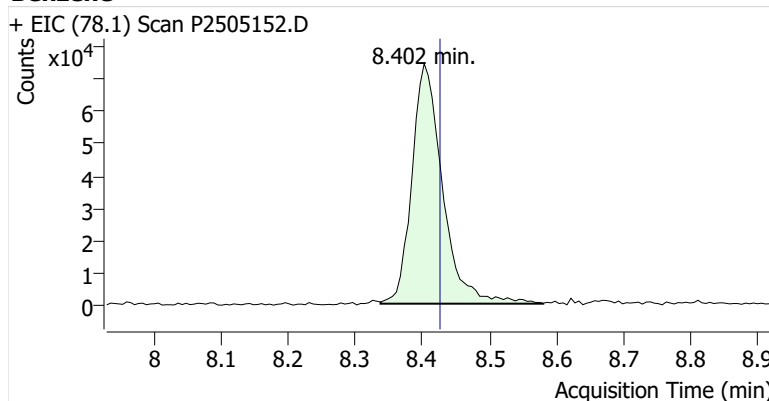


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	770,145	
Benzene	benzene-d6 (IS)	8.402	8.426	236,293	
Toluene-d8 (IS)		10.913	10.931	922,451	
Toluene	Toluene-d8 (IS)	11.002	11.020	678,459	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	347,865	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	1,034,482	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	265,744	

benzene-d6 (IS)

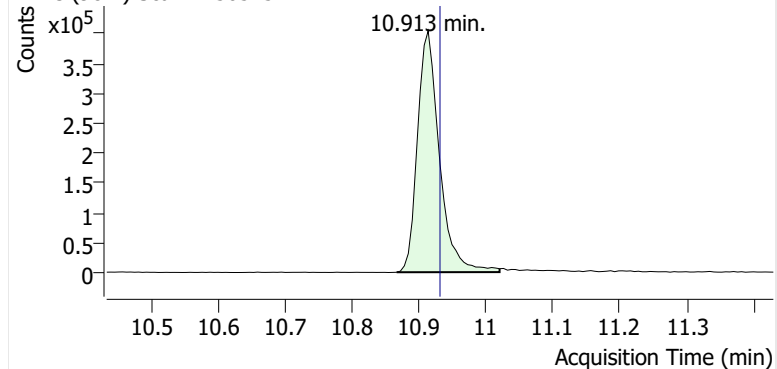


Benzene

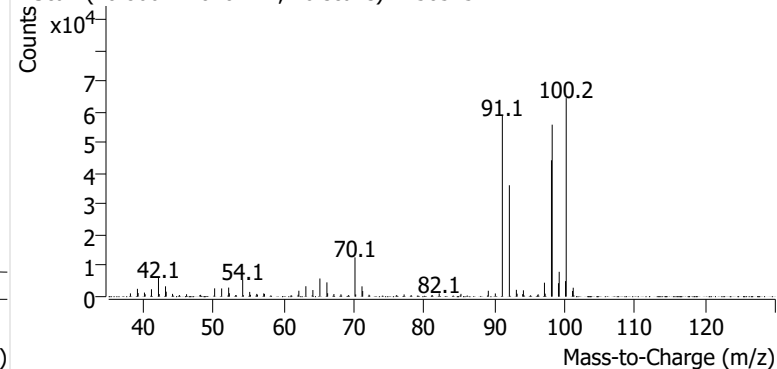


Toluene-d8 (IS)

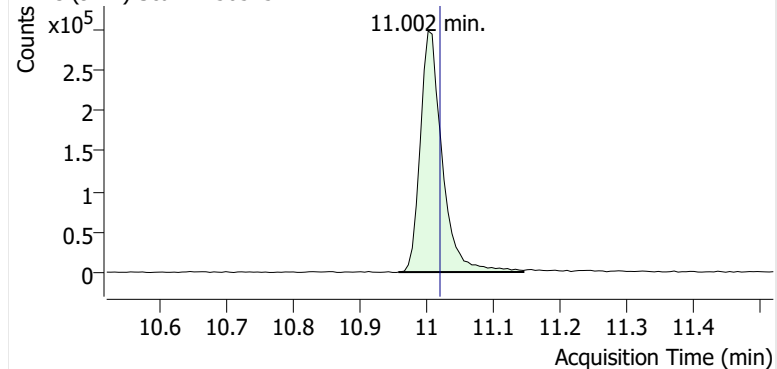
+ EIC (98.1) Scan P2505152.D



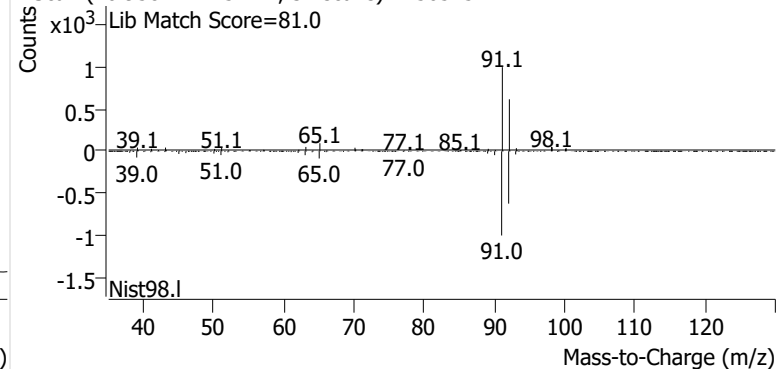
+ Scan (10.866-11.020 min, 26 scans) P2505152.D

**Toluene**

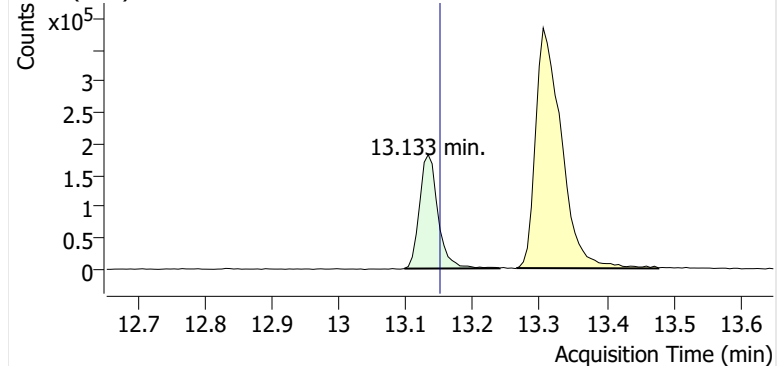
+ EIC (91.1) Scan P2505152.D



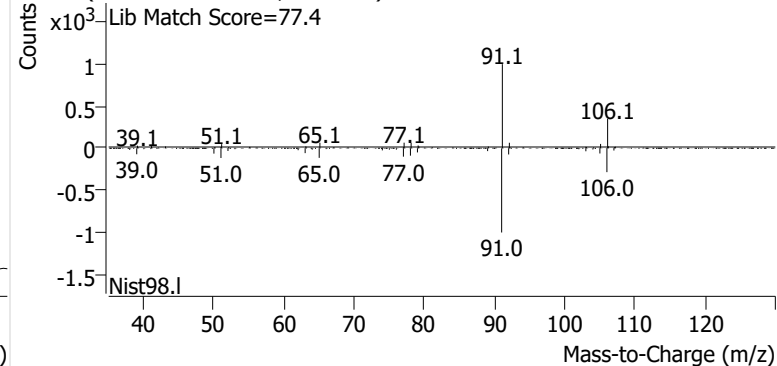
+ Scan (10.958-11.145 min, 32 scans) P2505152.D

**Ethylbenzene**

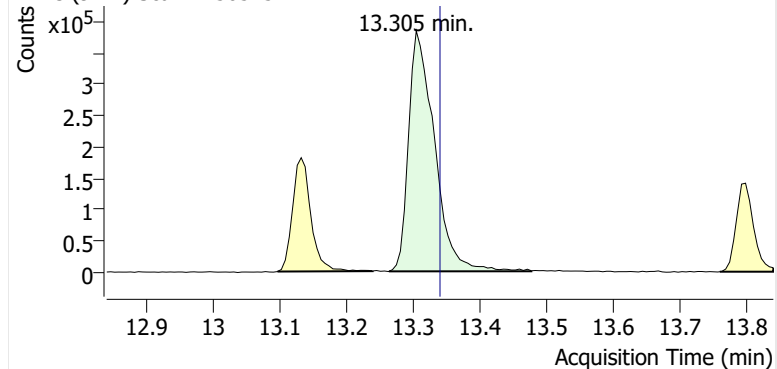
+ EIC (91.1) Scan P2505152.D



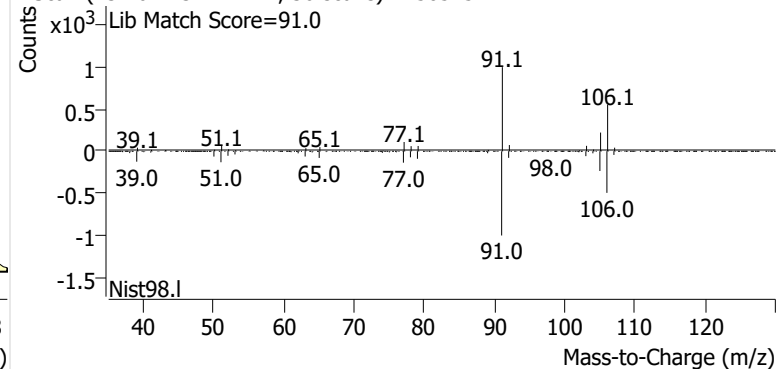
+ Scan (13.097-13.240 min, 24 scans) P2505152.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505152.D

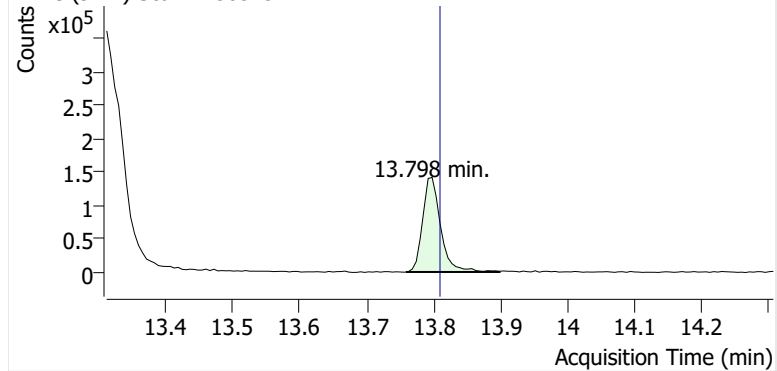


+ Scan (13.264-13.477 min, 36 scans) P2505152.D

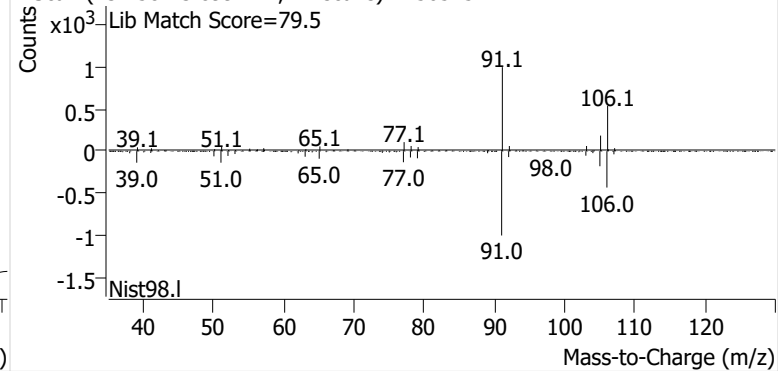


o-Xylene

+ EIC (91.1) Scan P2505152.D

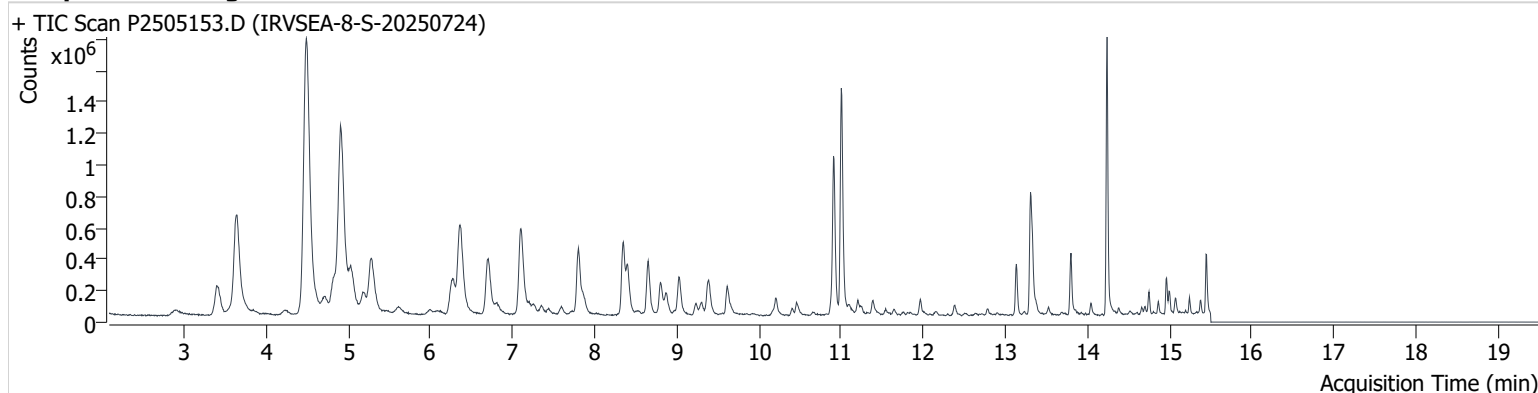


+ Scan (13.758-13.899 min, 24 scans) P2505152.D



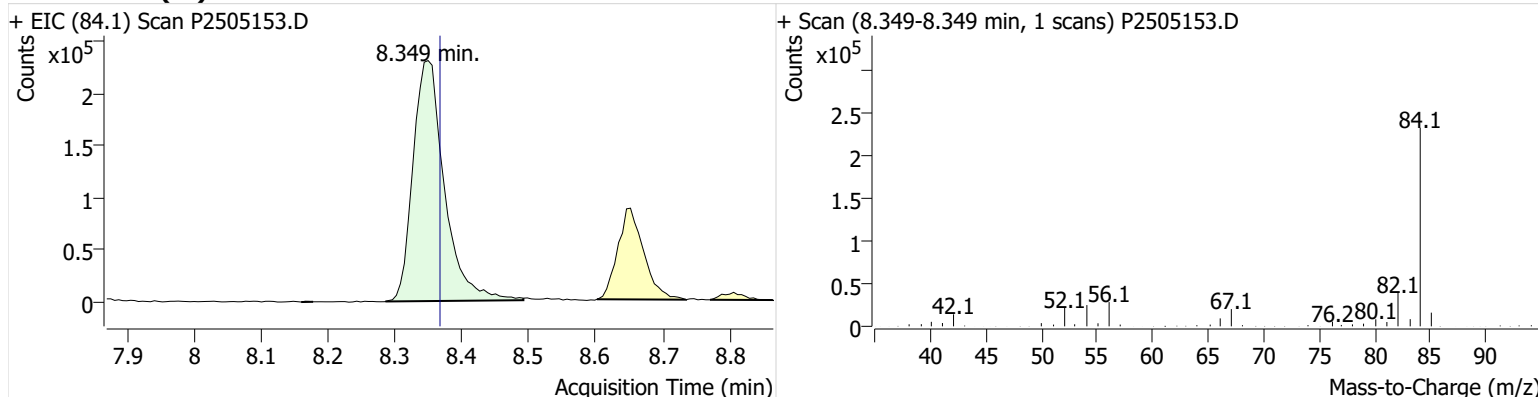
Name IRVSEA-8-S-20250724
Comment C65292
Data File P2505153.D
Acq. Date-Time 8/12/2025 9:32:05 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

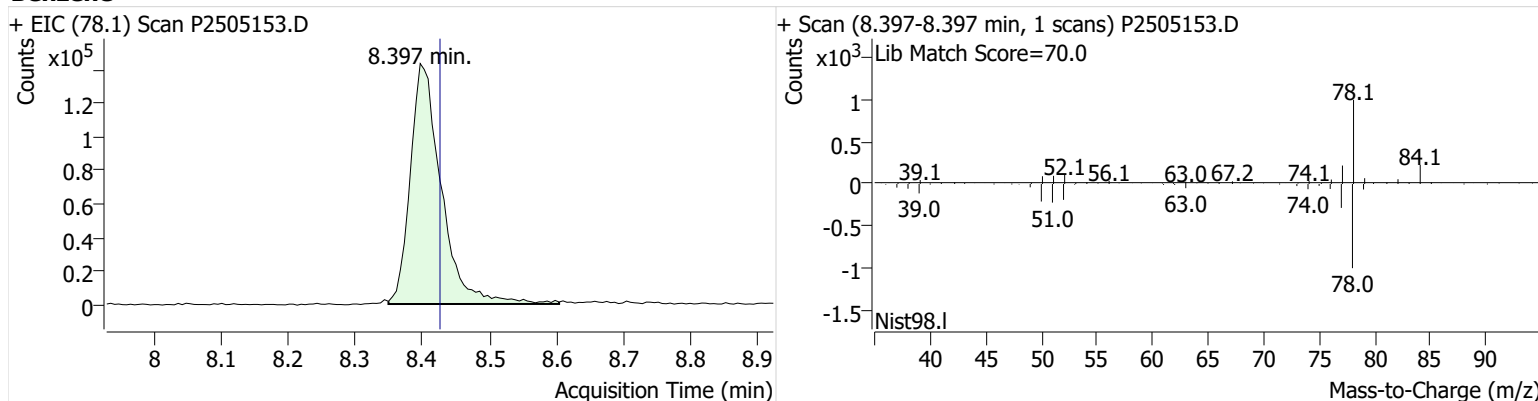


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	754,548	
Benzene	benzene-d6 (IS)	8.397	8.426	461,348	
Toluene-d8 (IS)		10.907	10.931	925,295	
Toluene	Toluene-d8 (IS)	11.002	11.020	1,423,549	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	288,779	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	789,259	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	265,593	

benzene-d6 (IS)

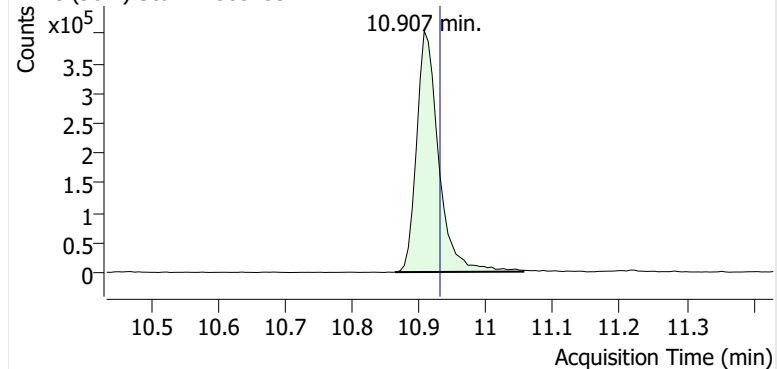


Benzene

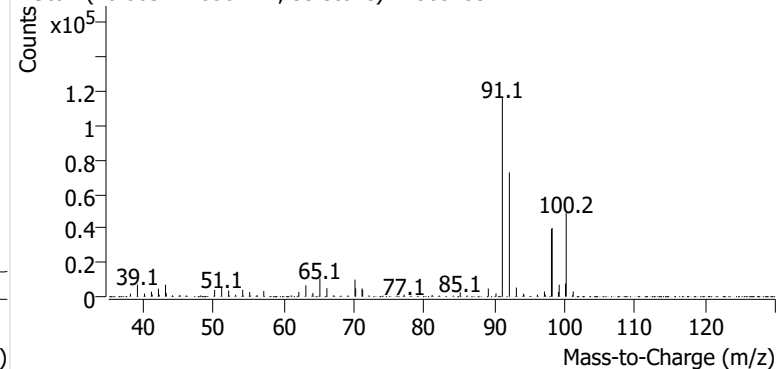


Toluene-d8 (IS)

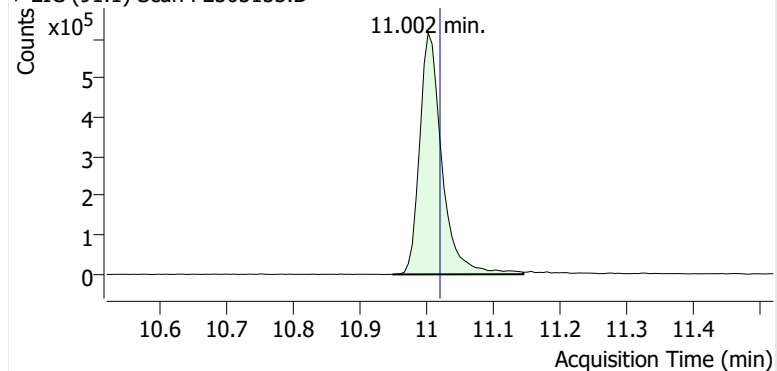
+ EIC (98.1) Scan P2505153.D



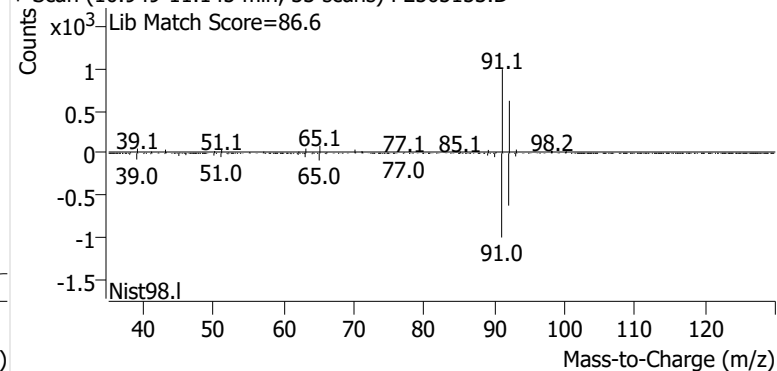
+ Scan (10.863-11.056 min, 33 scans) P2505153.D

**Toluene**

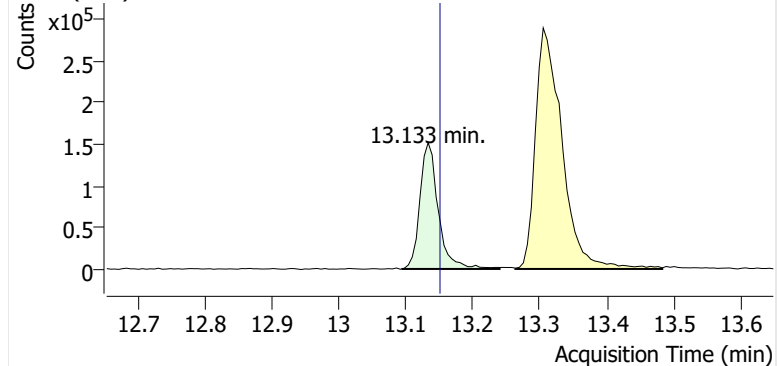
+ EIC (91.1) Scan P2505153.D



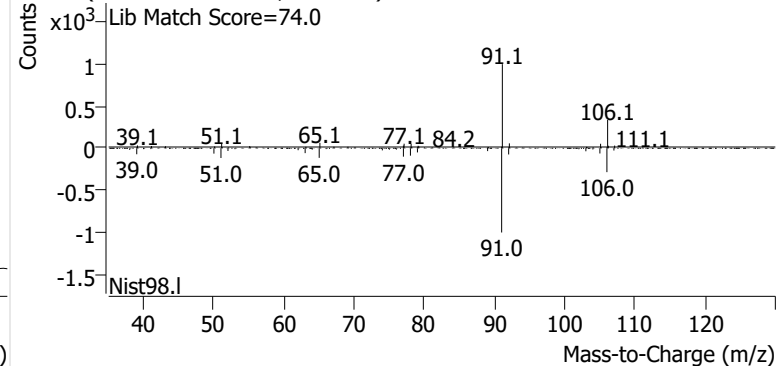
+ Scan (10.949-11.145 min, 33 scans) P2505153.D

**Ethylbenzene**

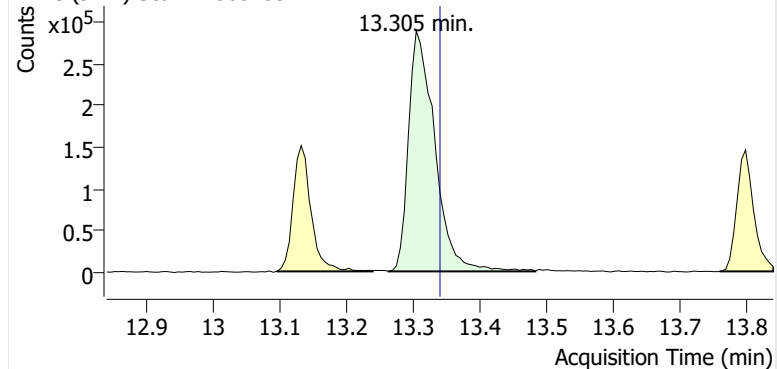
+ EIC (91.1) Scan P2505153.D



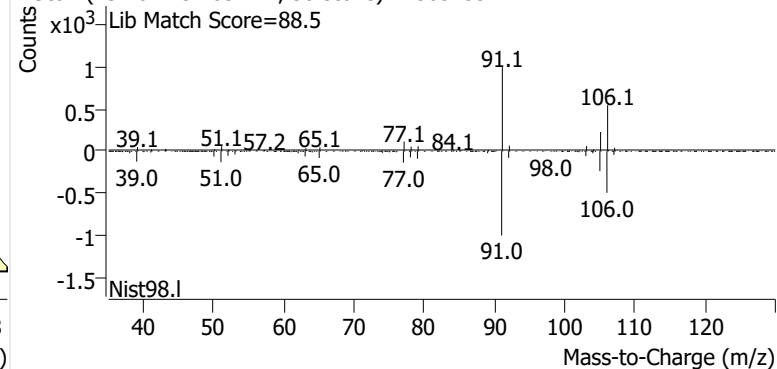
+ Scan (13.093-13.240 min, 25 scans) P2505153.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505153.D

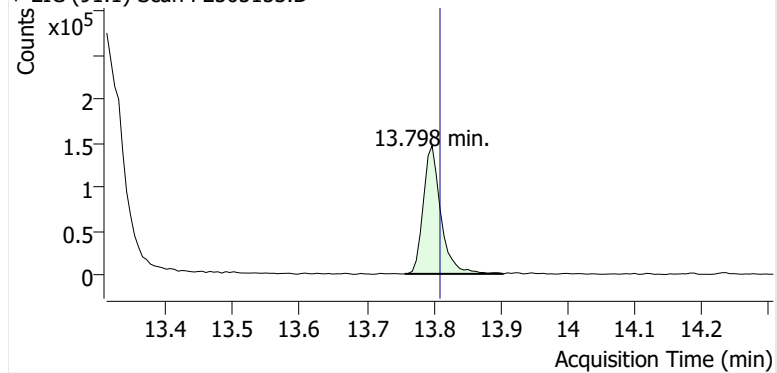


+ Scan (13.264-13.483 min, 38 scans) P2505153.D

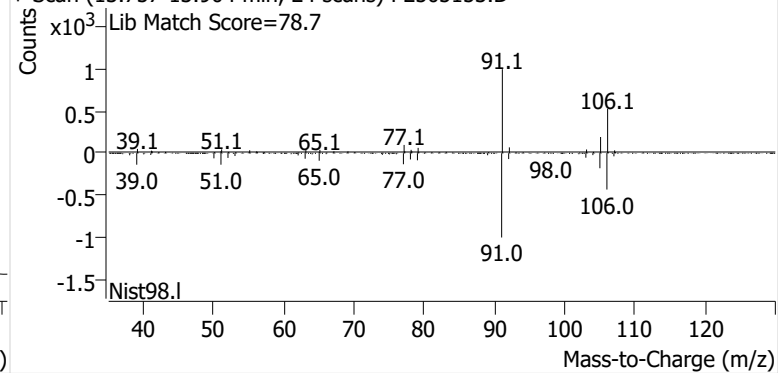


o-Xylene

+ EIC (91.1) Scan P2505153.D

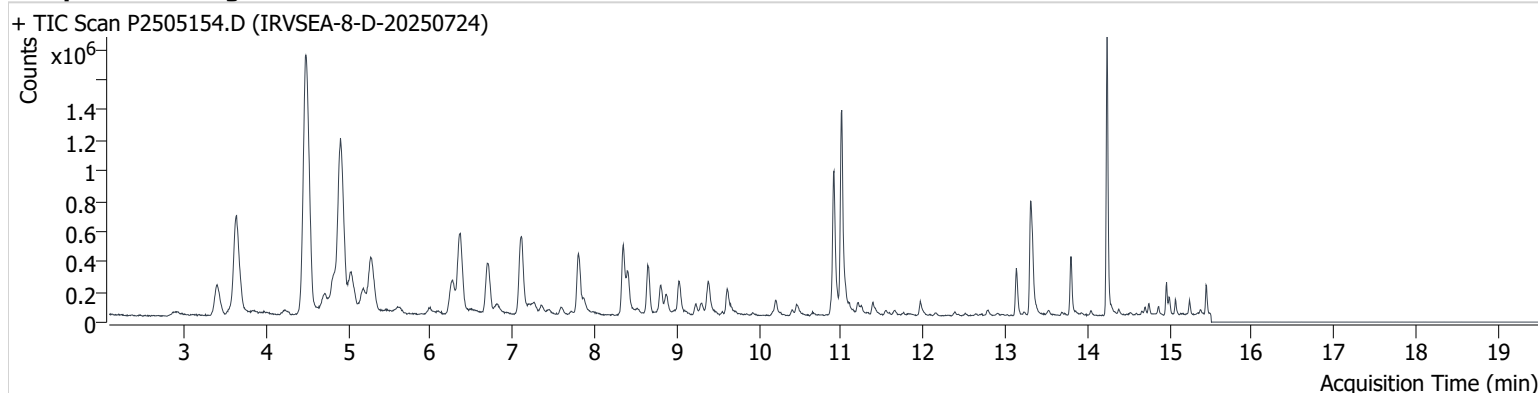


+ Scan (13.757-13.904 min, 24 scans) P2505153.D



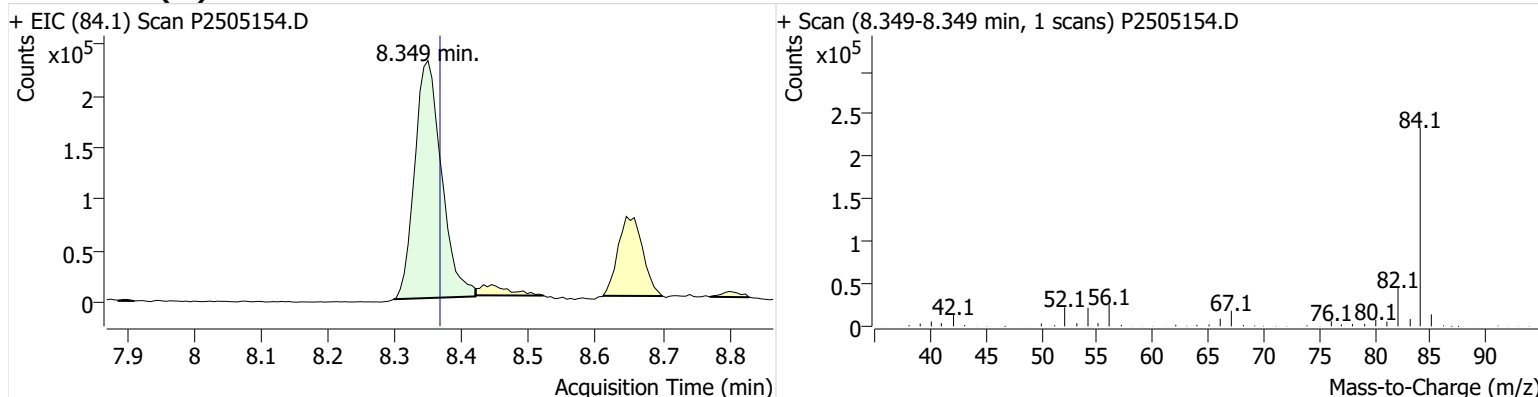
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Comment C24082
Data File P2505154.D
Acq. Date-Time 8/12/2025 10:09:25 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

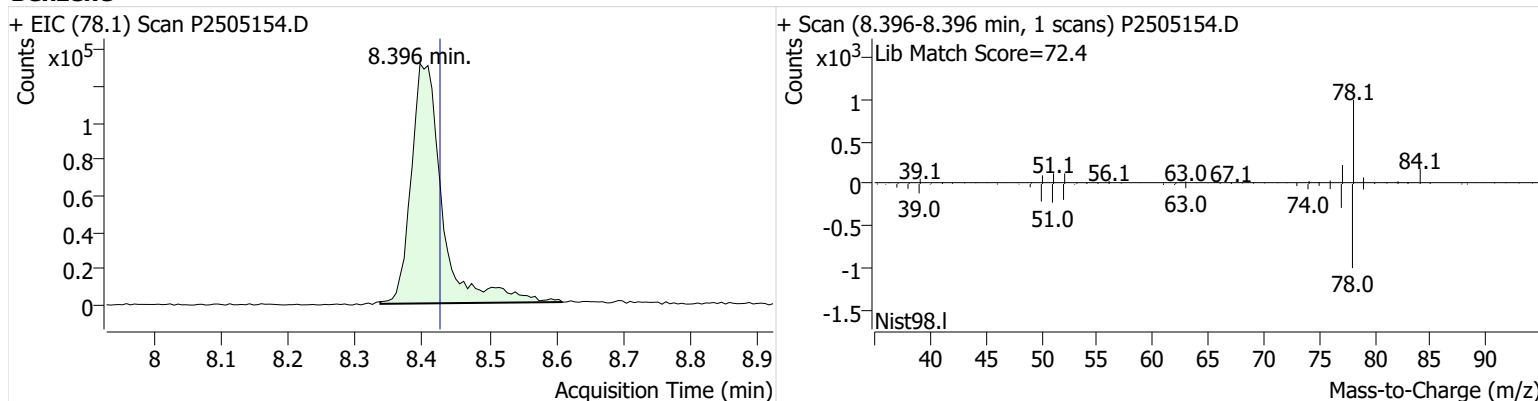


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	641,524	
Benzene	benzene-d6 (IS)	8.396	8.426	425,150	
Toluene-d8 (IS)		10.907	10.931	943,482	
Toluene	Toluene-d8 (IS)	11.008	11.020	1,407,708	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	282,328	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	798,884	
o-Xylene	Toluene-d8 (IS)	13.797	13.809	275,726	

benzene-d6 (IS)

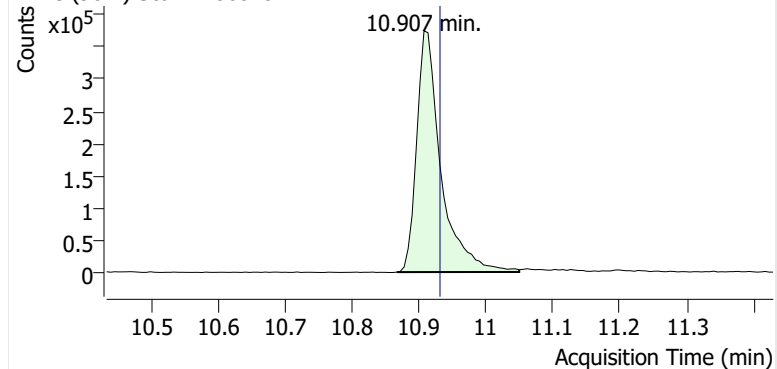


Benzene

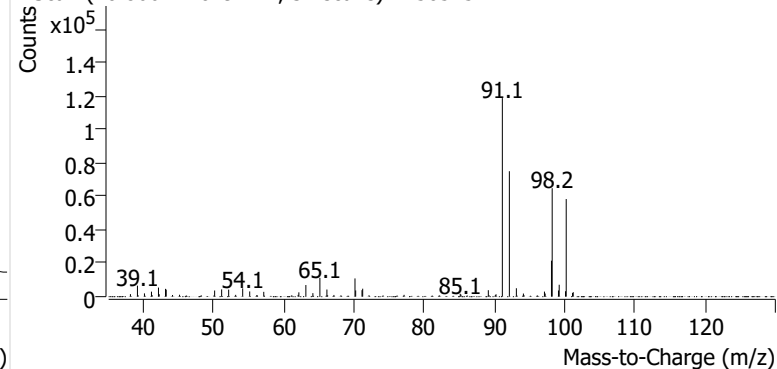


Toluene-d8 (IS)

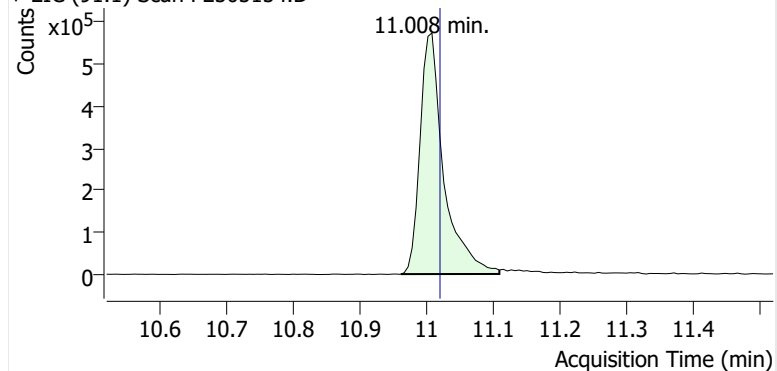
+ EIC (98.1) Scan P2505154.D



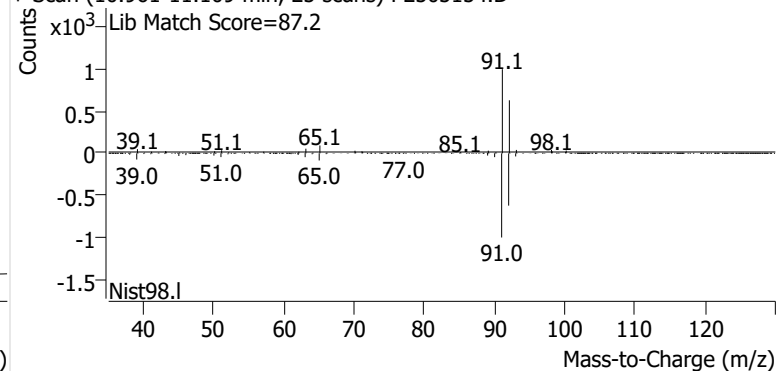
+ Scan (10.866-11.049 min, 31 scans) P2505154.D

**Toluene**

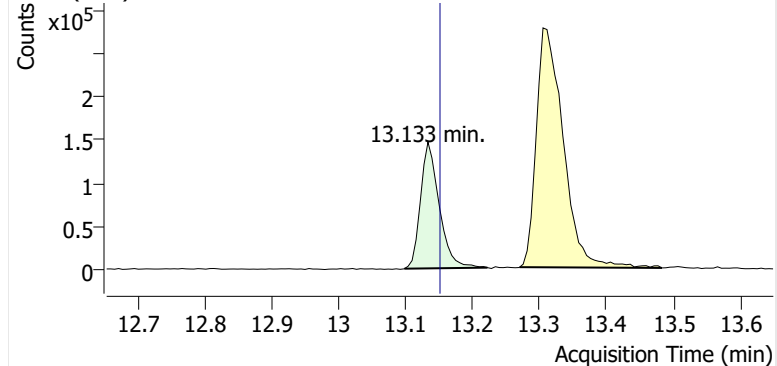
+ EIC (91.1) Scan P2505154.D



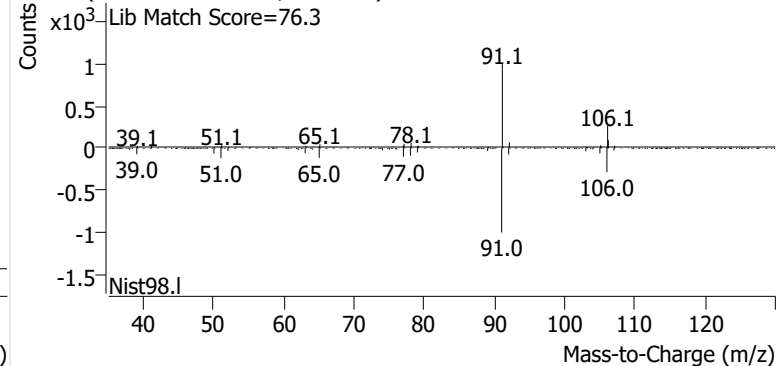
+ Scan (10.961-11.109 min, 25 scans) P2505154.D

**Ethylbenzene**

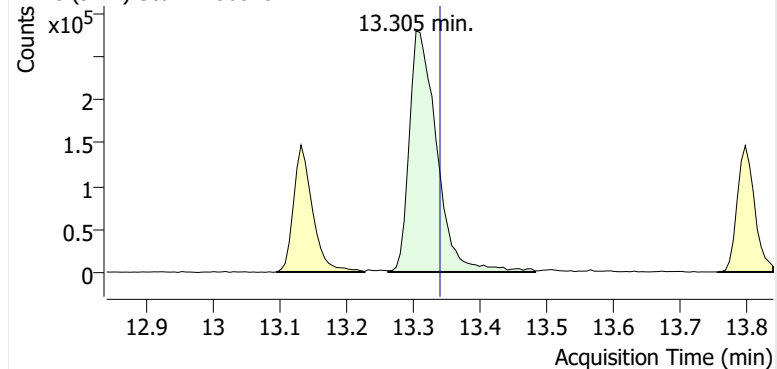
+ EIC (91.1) Scan P2505154.D



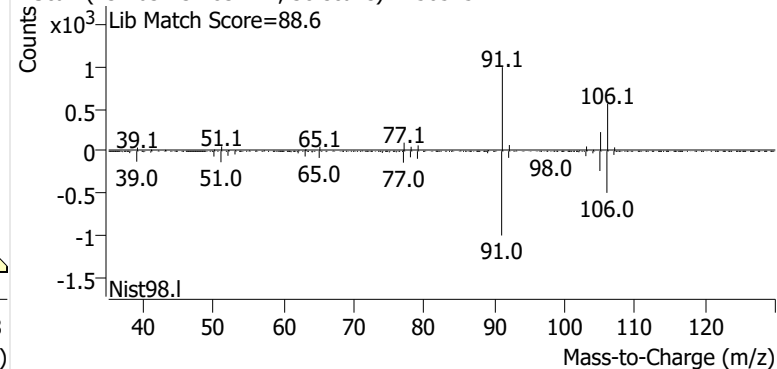
+ Scan (13.097-13.222 min, 20 scans) P2505154.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505154.D

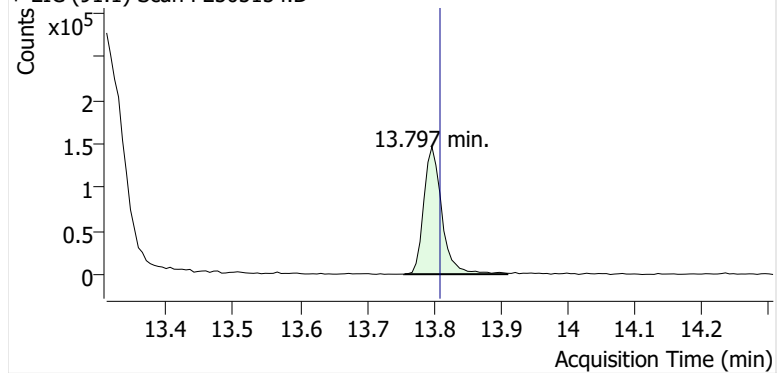


+ Scan (13.263-13.483 min, 38 scans) P2505154.D

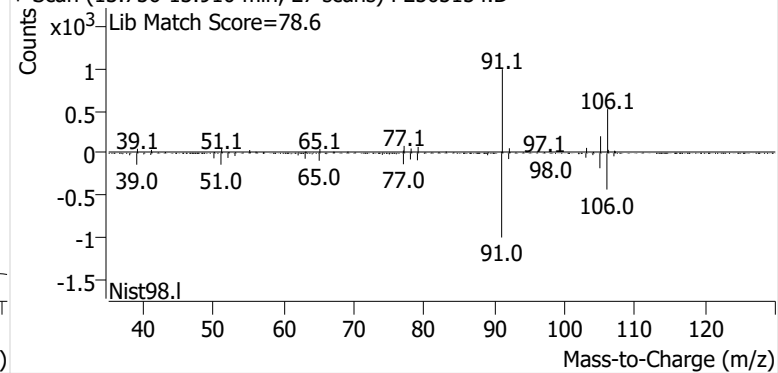


o-Xylene

+ EIC (91.1) Scan P2505154.D

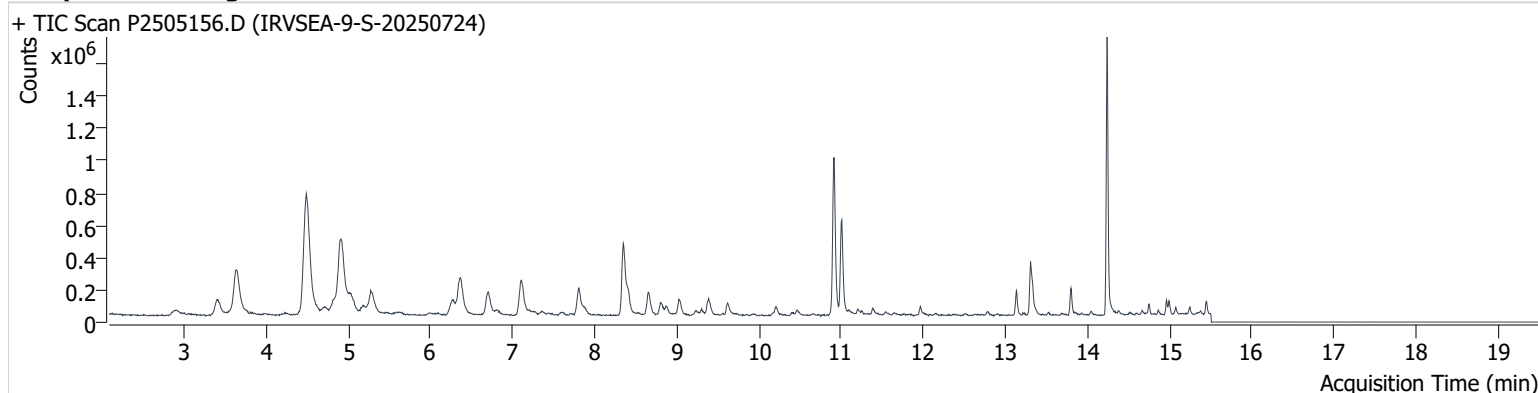


+ Scan (13.756-13.910 min, 27 scans) P2505154.D



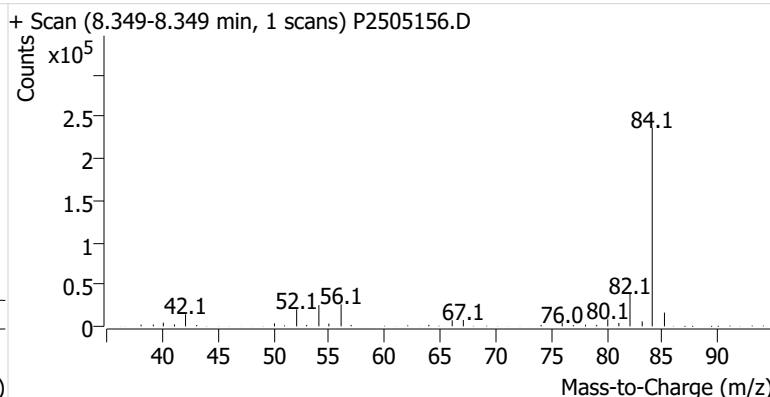
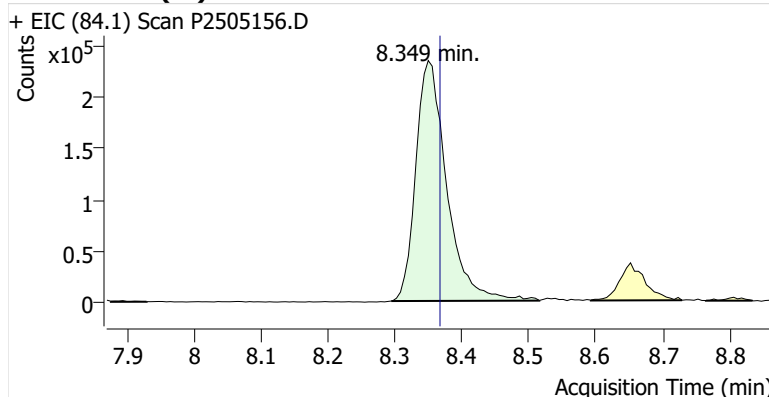
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Comment C43725
Data File P2505156.D
Acq. Date-Time 8/12/2025 11:47:08 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxen X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

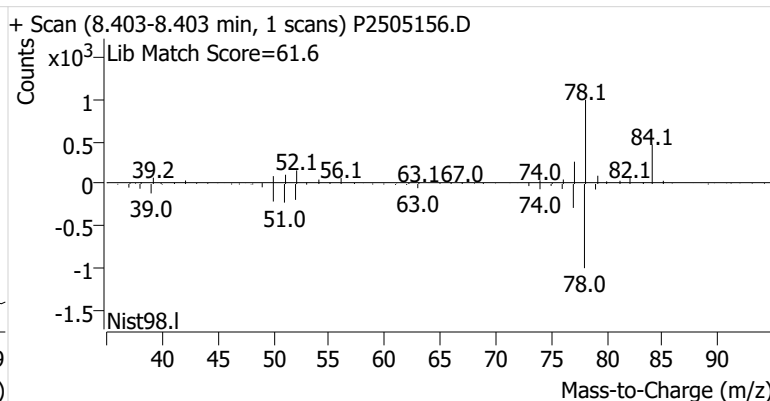
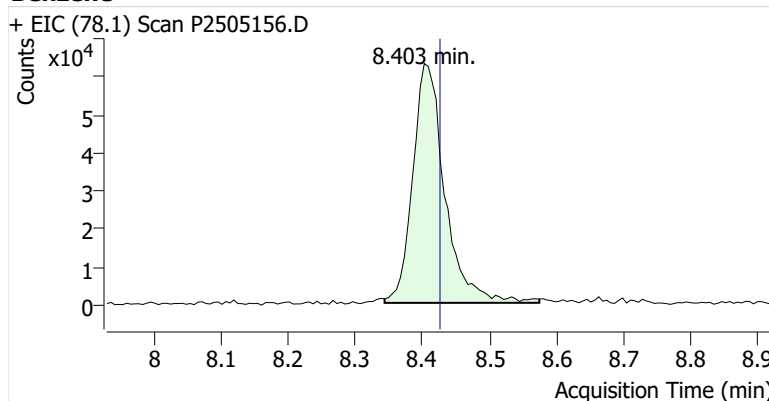


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	754,188	
Benzene	benzene-d6 (IS)	8.403	8.426	209,588	
Toluene-d8 (IS)		10.913	10.931	917,769	
Toluene	Toluene-d8 (IS)	11.008	11.020	568,832	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	127,132	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	305,195	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	107,609	

benzene-d6 (IS)

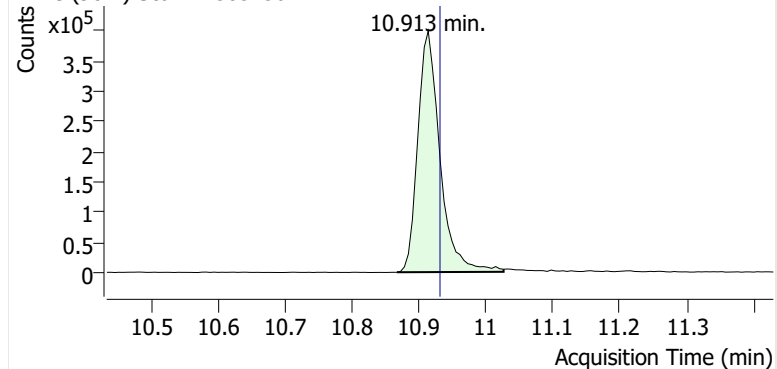


Benzene

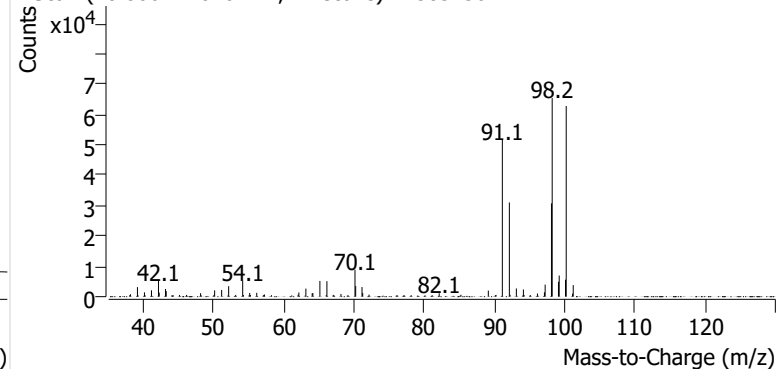


Toluene-d8 (IS)

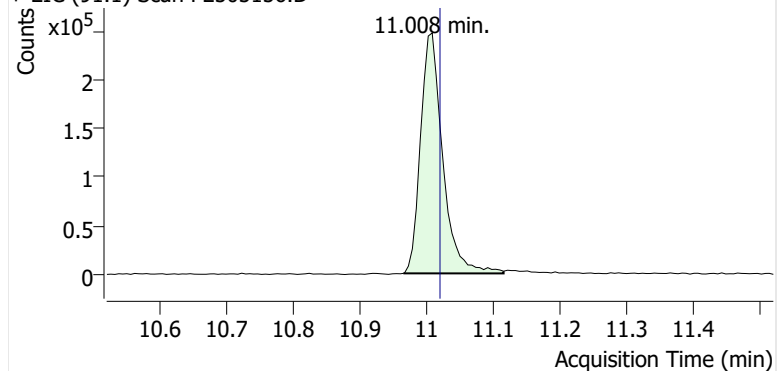
+ EIC (98.1) Scan P2505156.D



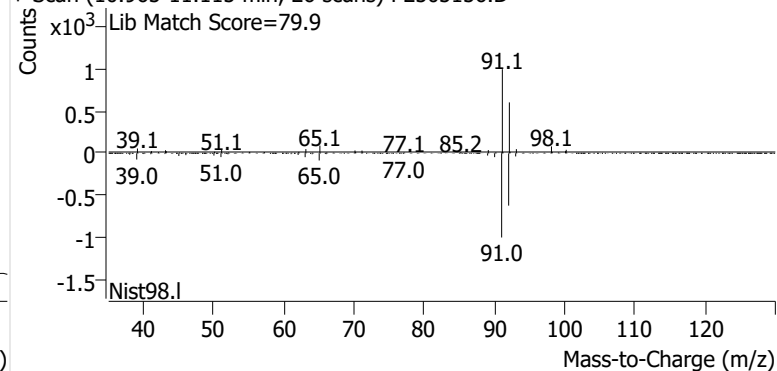
+ Scan (10.866-11.026 min, 27 scans) P2505156.D

**Toluene**

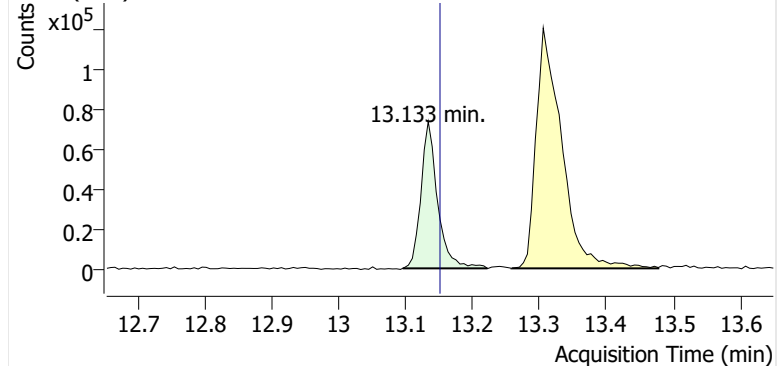
+ EIC (91.1) Scan P2505156.D



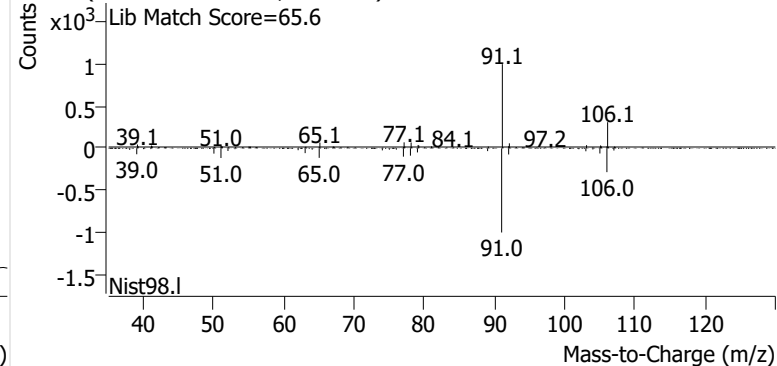
+ Scan (10.965-11.115 min, 26 scans) P2505156.D

**Ethylbenzene**

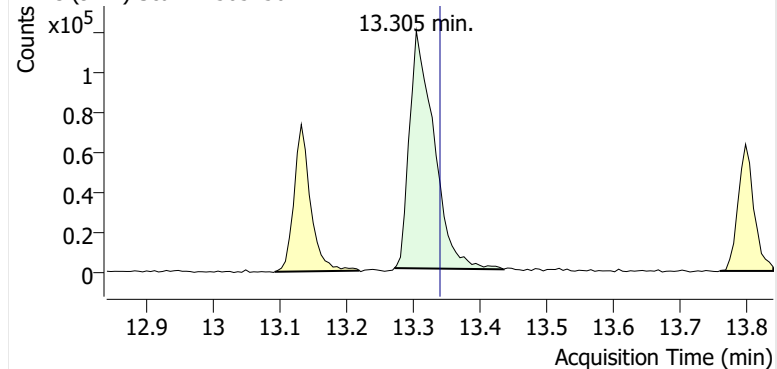
+ EIC (91.1) Scan P2505156.D



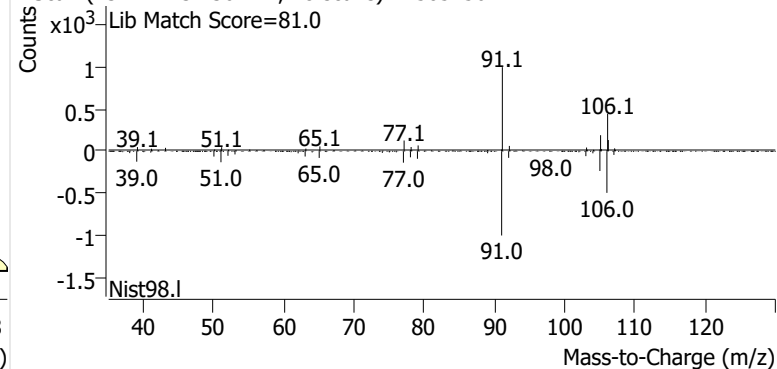
+ Scan (13.095-13.222 min, 21 scans) P2505156.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505156.D

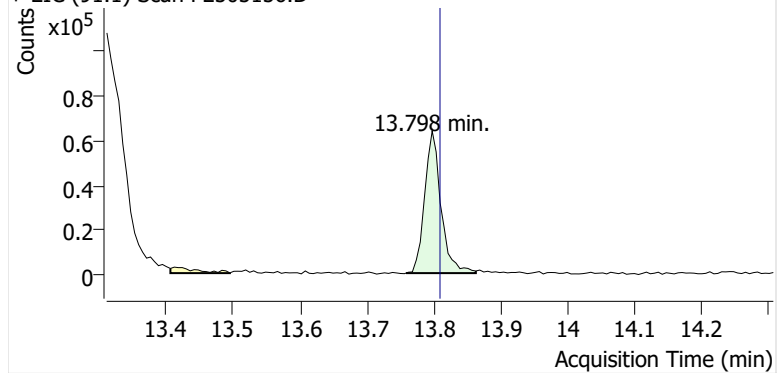


+ Scan (13.272-13.436 min, 28 scans) P2505156.D

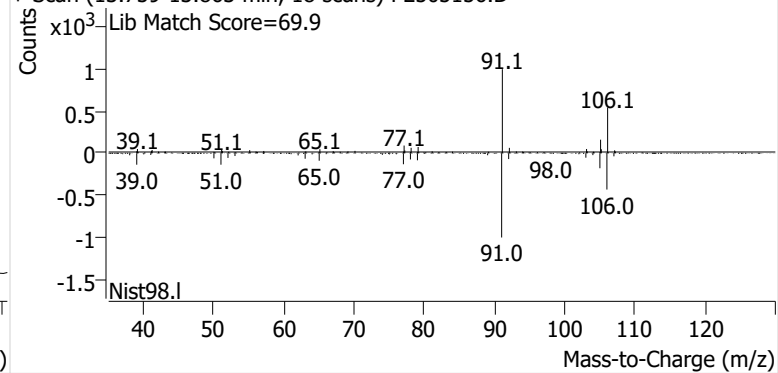


o-Xylene

+ EIC (91.1) Scan P2505156.D

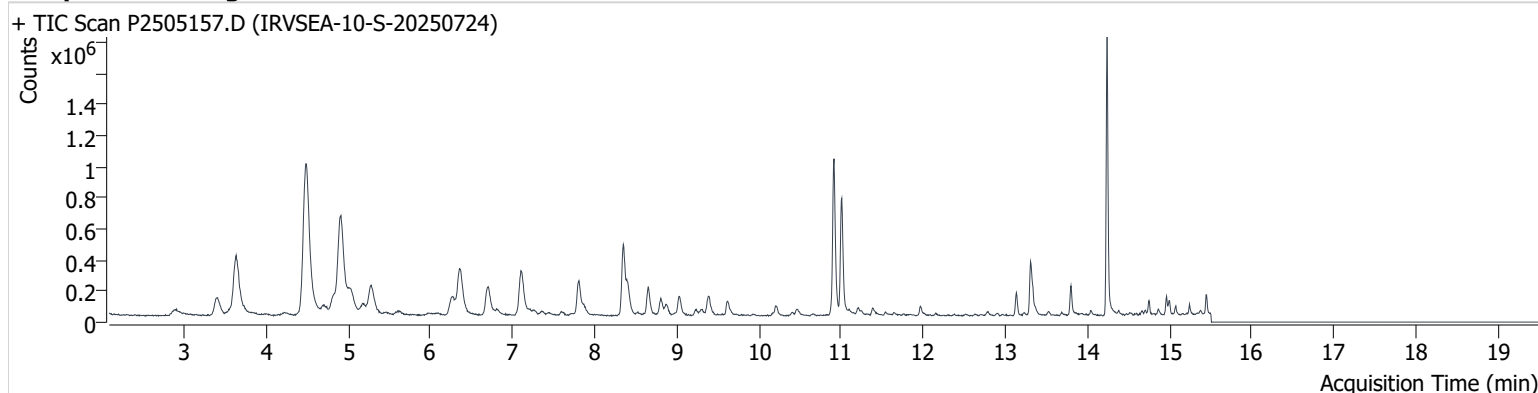


+ Scan (13.759-13.863 min, 18 scans) P2505156.D



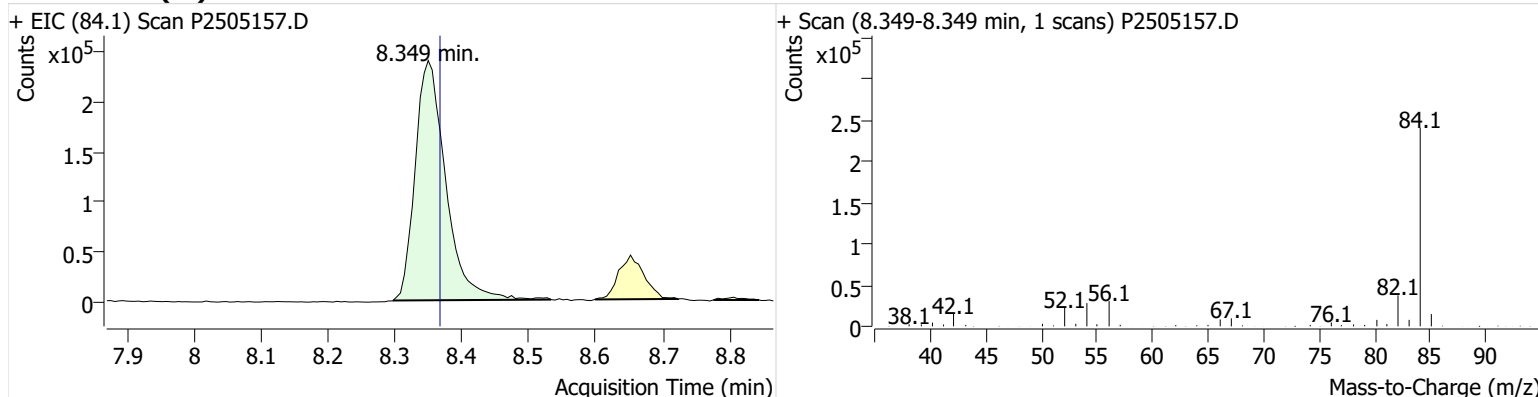
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Comment C55394
Data File P2505157.D
Acq. Date-Time 8/13/2025 12:24:26 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

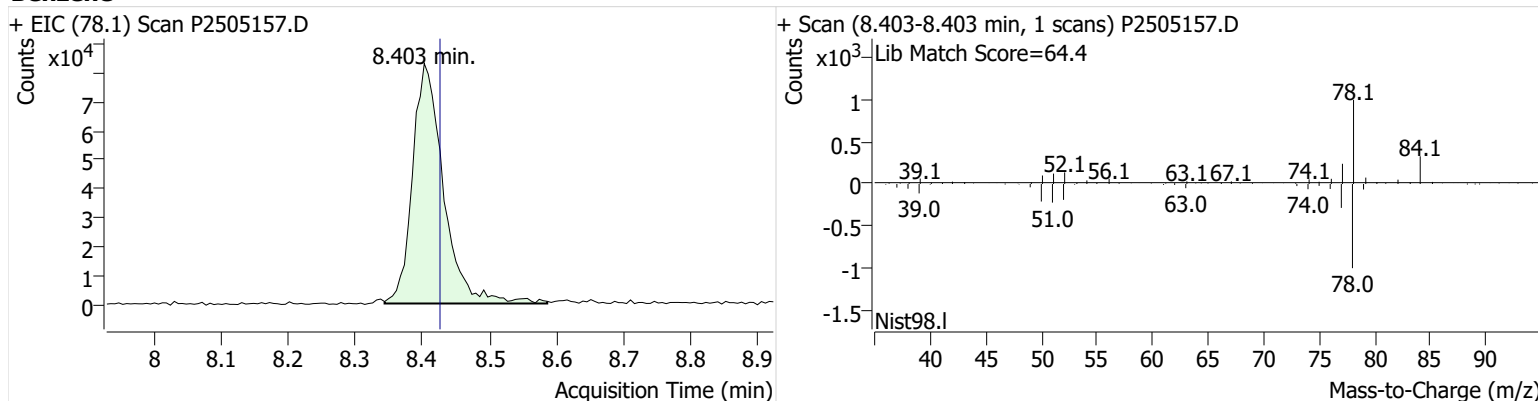


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	758,289	
Benzene	benzene-d6 (IS)	8.403	8.426	266,455	
Toluene-d8 (IS)		10.913	10.931	924,023	
Toluene	Toluene-d8 (IS)	11.008	11.020	729,331	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	120,589	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	337,256	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	128,405	

benzene-d6 (IS)

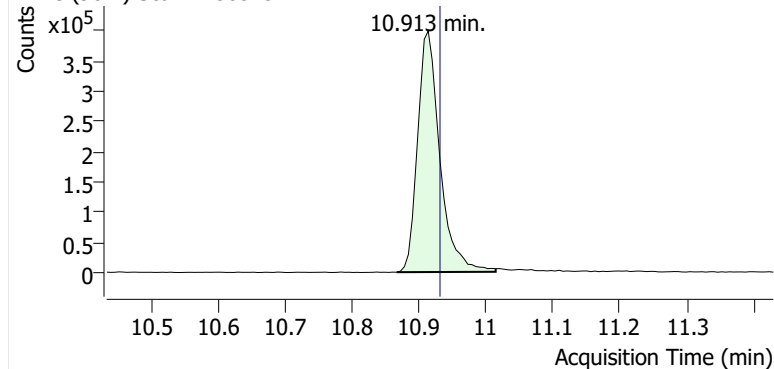


Benzene

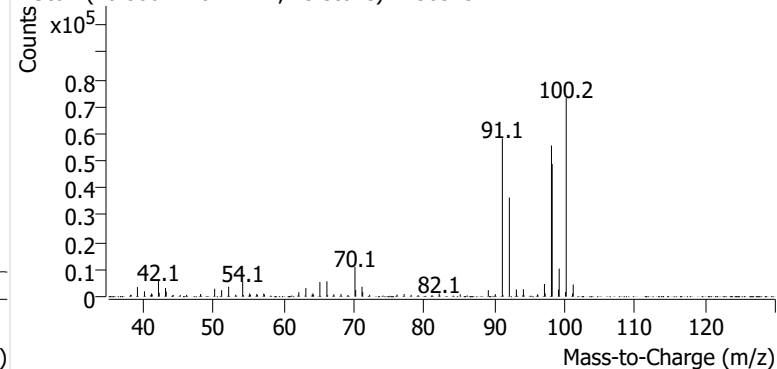


Toluene-d8 (IS)

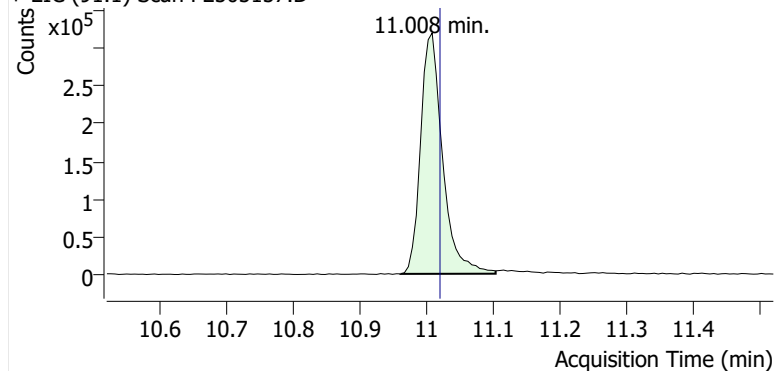
+ EIC (98.1) Scan P2505157.D



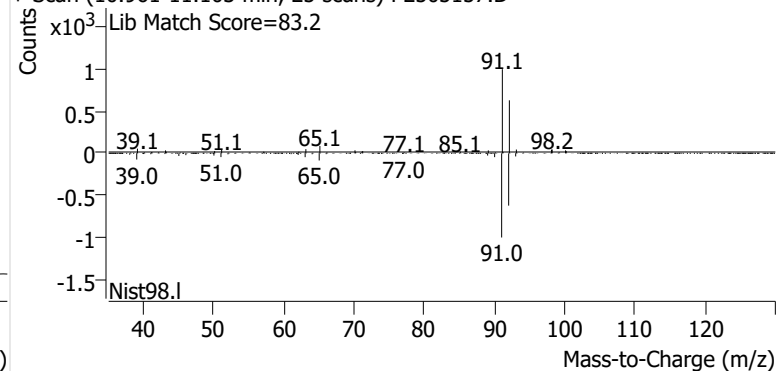
+ Scan (10.866-11.014 min, 25 scans) P2505157.D

**Toluene**

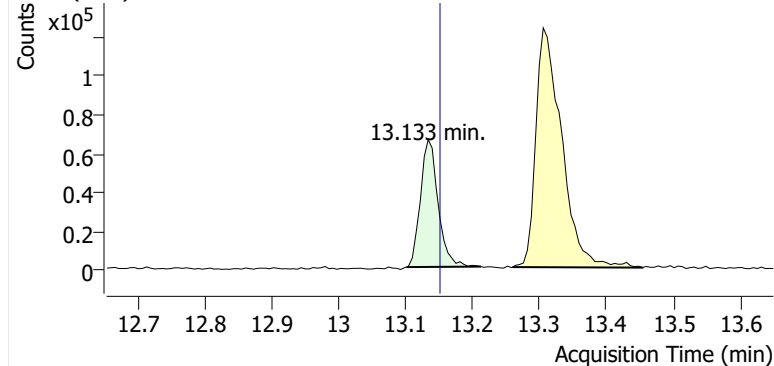
+ EIC (91.1) Scan P2505157.D



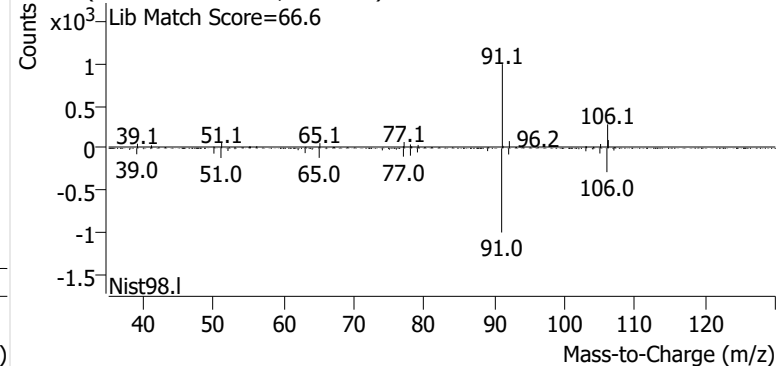
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**Ethylbenzene**

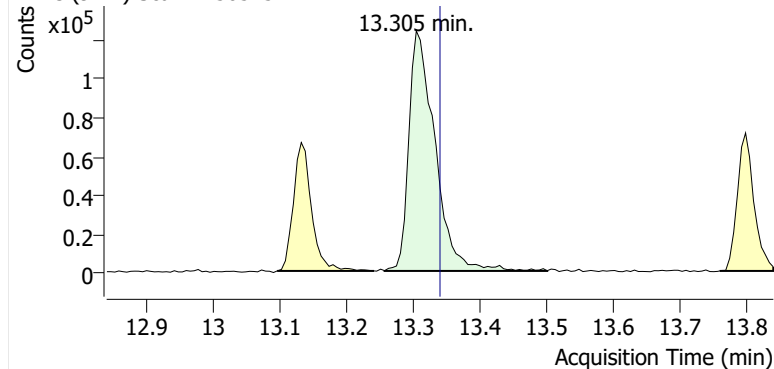
+ EIC (91.1) Scan P2505157.D



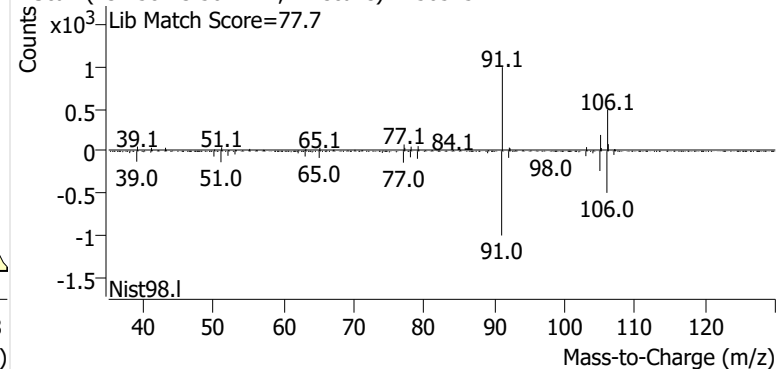
+ Scan (13.101-13.212 min, 19 scans) P2505157.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505157.D

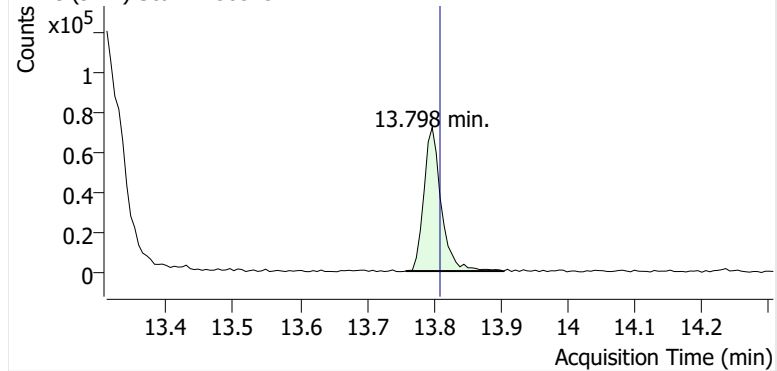


+ Scan (13.258-13.501 min, 42 scans) P2505157.D

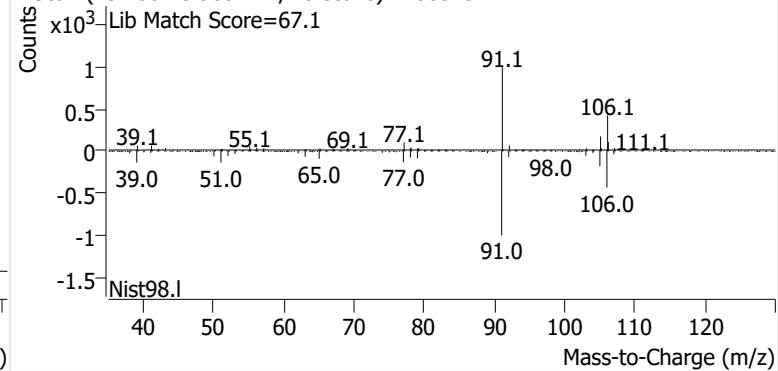


o-Xylene

+ EIC (91.1) Scan P2505157.D

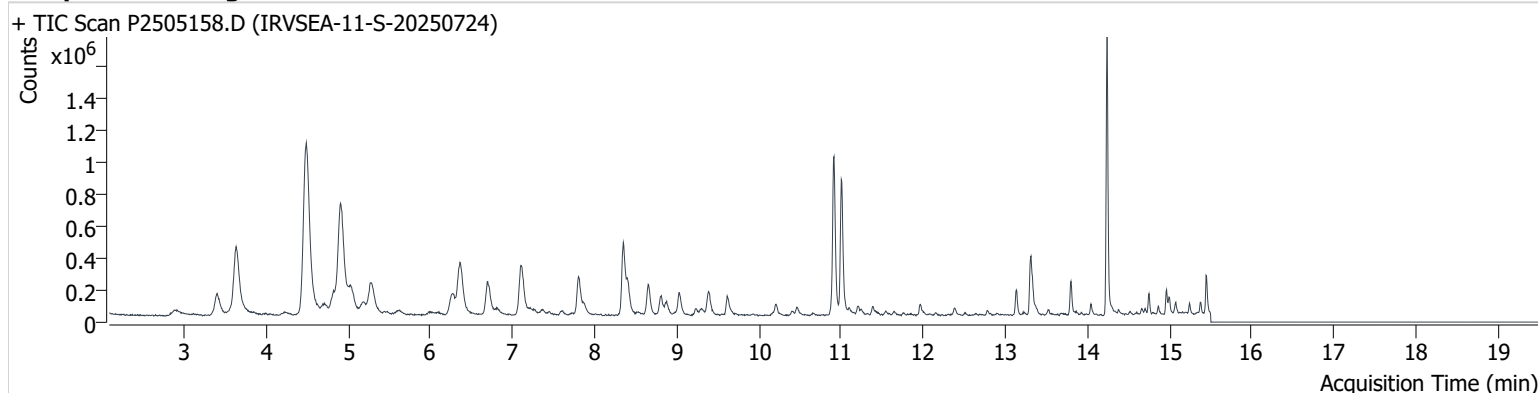


+ Scan (13.758-13.905 min, 25 scans) P2505157.D



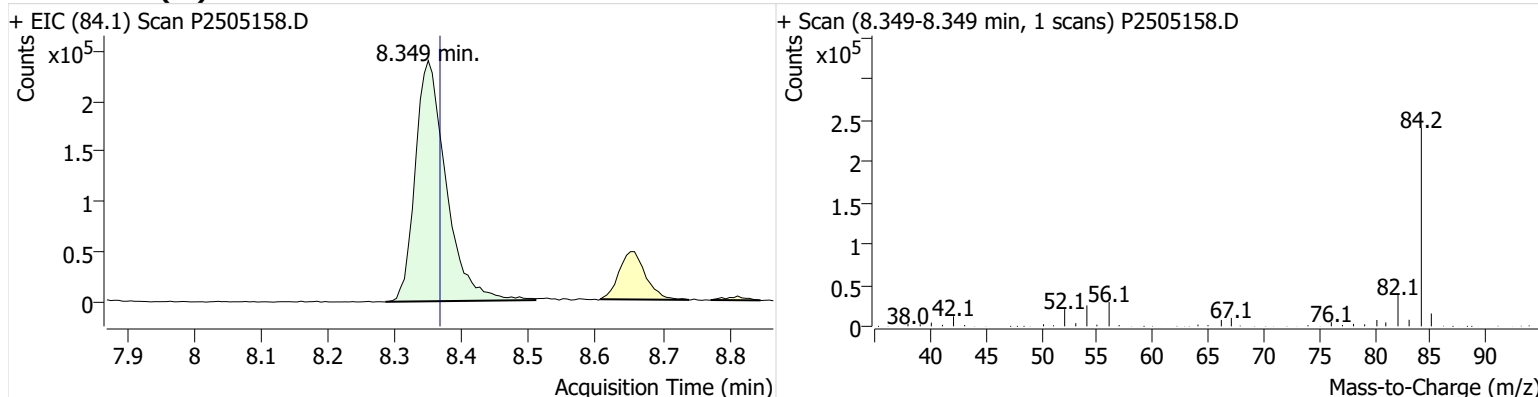
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Comment C43607
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Acq. Date-Time 8/13/2025 1:01:43 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

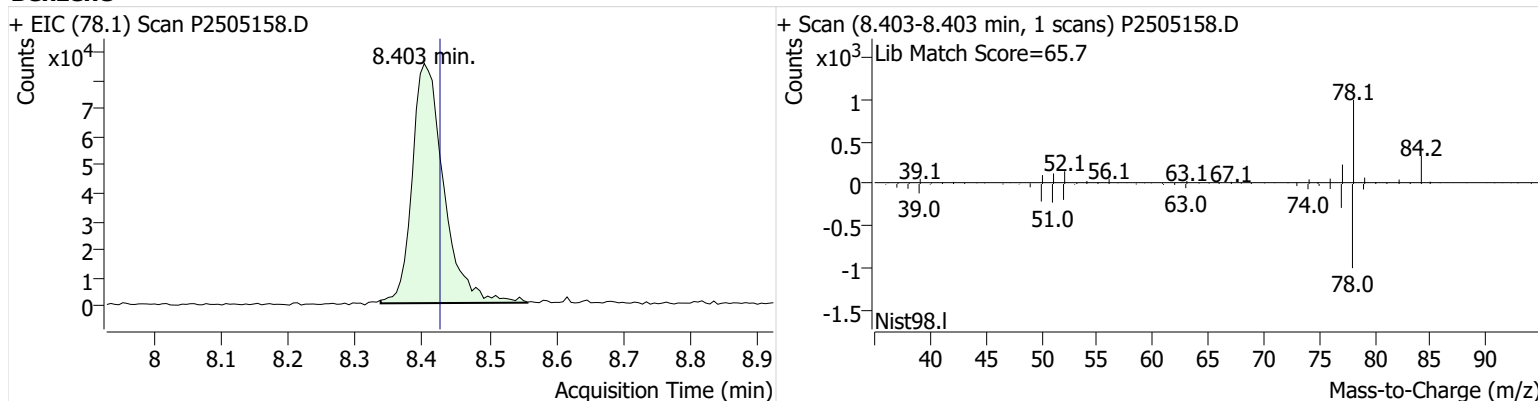


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	766,249	
Benzene	benzene-d6 (IS)	8.403	8.426	280,846	
Toluene-d8 (IS)		10.913	10.931	931,181	
Toluene	Toluene-d8 (IS)	11.002	11.020	816,082	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	139,383	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	359,827	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	140,691	

benzene-d6 (IS)

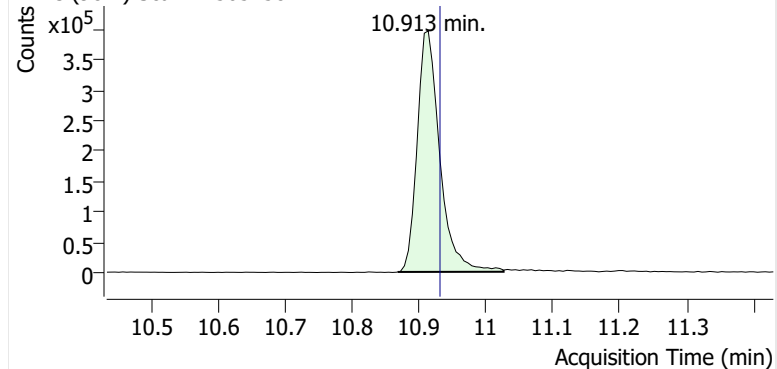


Benzene

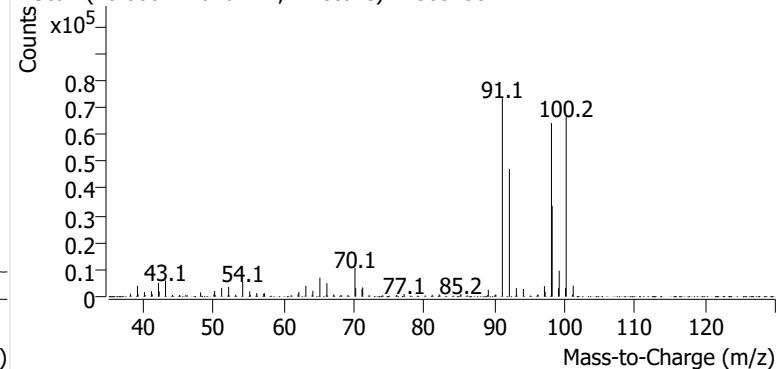


Toluene-d8 (IS)

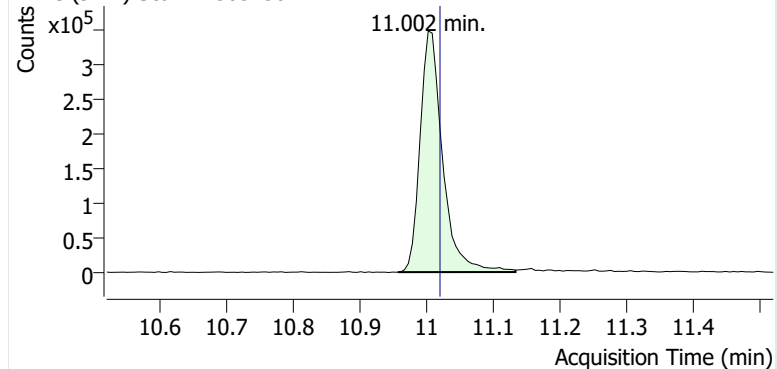
+ EIC (98.1) Scan P2505158.D



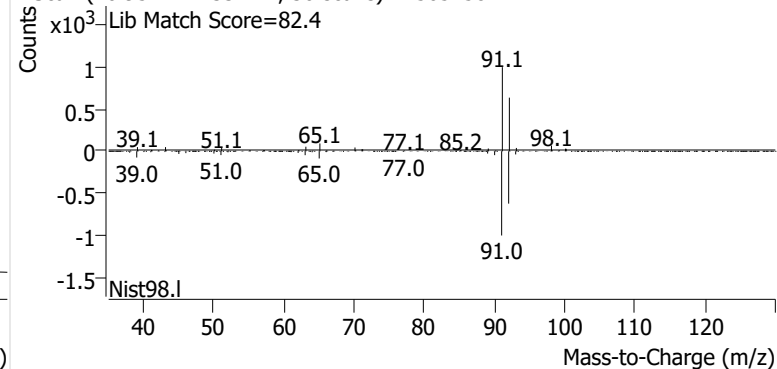
+ Scan (10.868-11.026 min, 27 scans) P2505158.D

**Toluene**

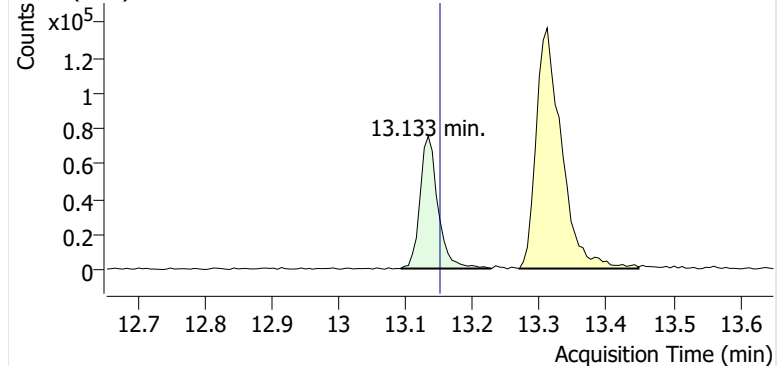
+ EIC (91.1) Scan P2505158.D



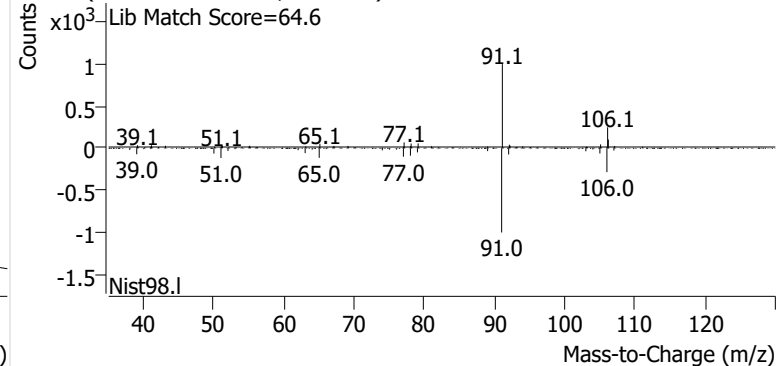
+ Scan (10.957-11.133 min, 30 scans) P2505158.D

**Ethylbenzene**

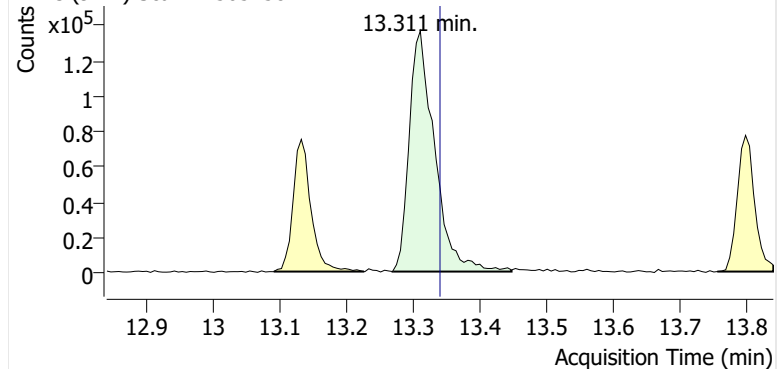
+ EIC (91.1) Scan P2505158.D



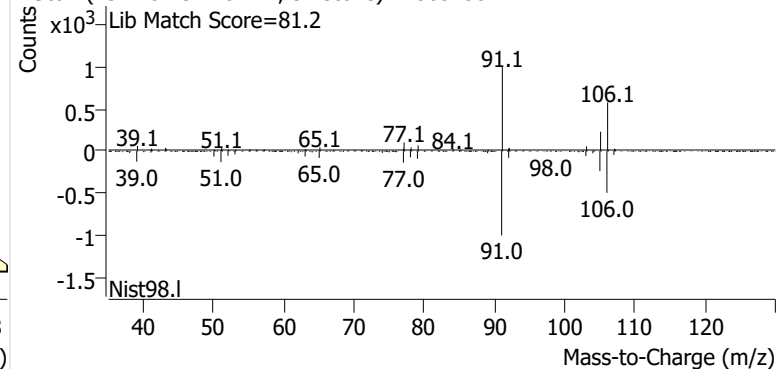
+ Scan (13.092-13.227 min, 22 scans) P2505158.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505158.D

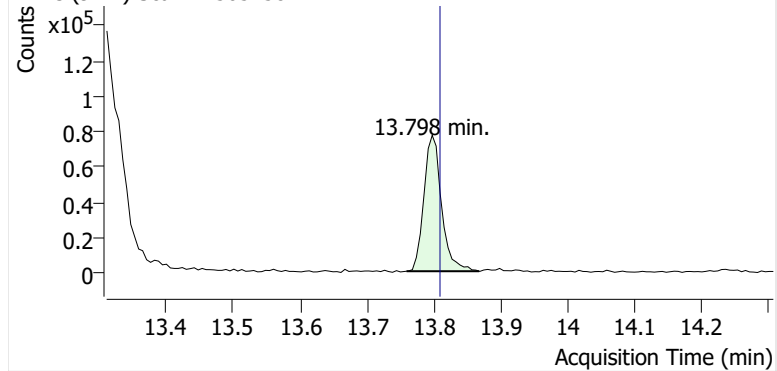


+ Scan (13.270-13.448 min, 31 scans) P2505158.D

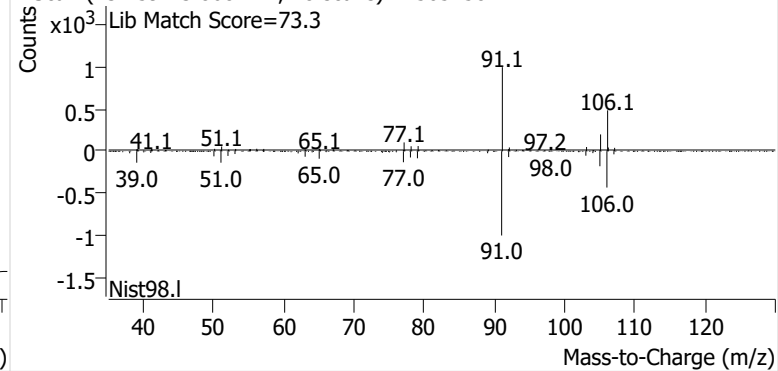


o-Xylene

+ EIC (91.1) Scan P2505158.D

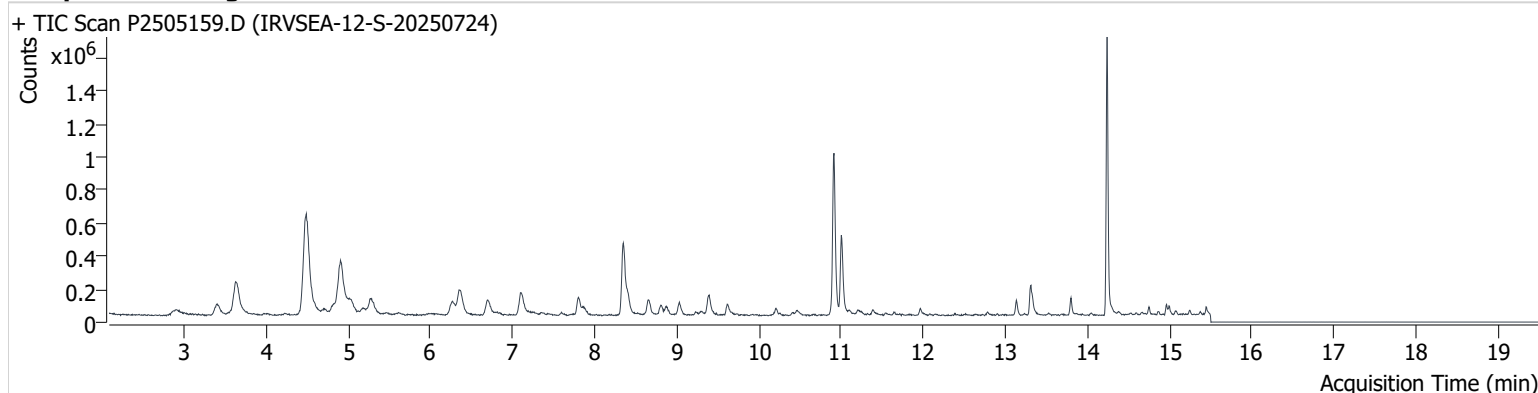


+ Scan (13.759-13.868 min, 18 scans) P2505158.D



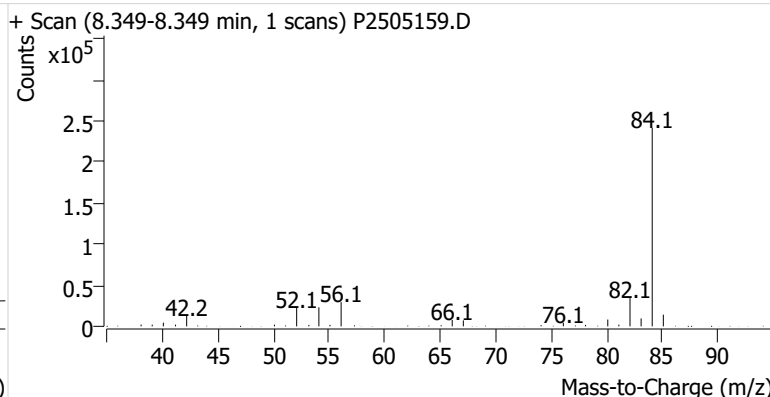
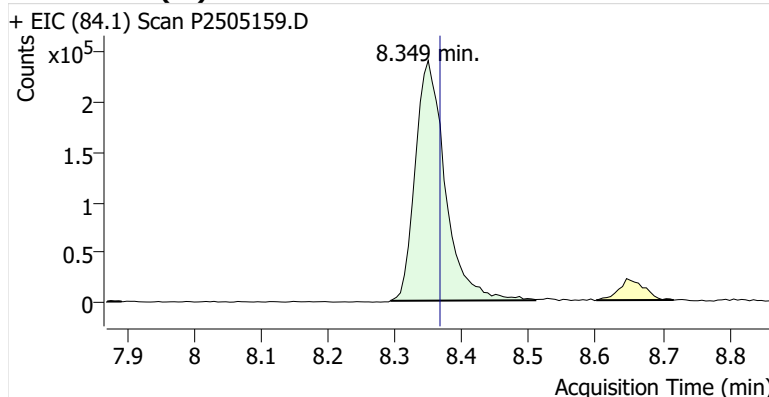
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Comment B19700
Data File P2505159.D
Acq. Date-Time 8/13/2025 1:39:00 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

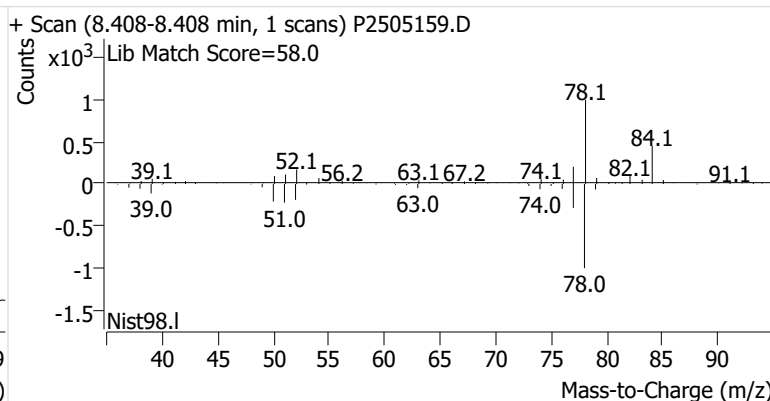
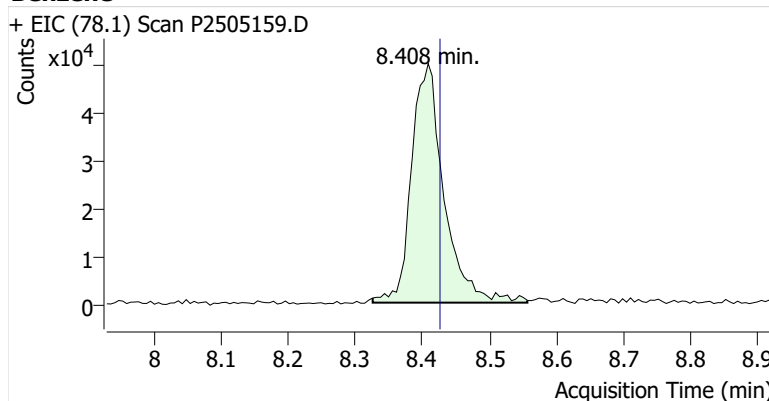


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	749,322	
Benzene	benzene-d6 (IS)	8.408	8.426	168,137	
Toluene-d8 (IS)		10.913	10.931	915,071	
Toluene	Toluene-d8 (IS)	11.002	11.020	441,719	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	75,588	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	176,869	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	66,160	

benzene-d6 (IS)

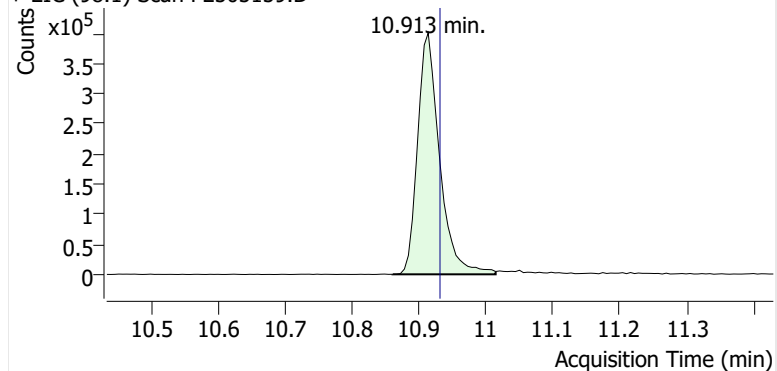


Benzene

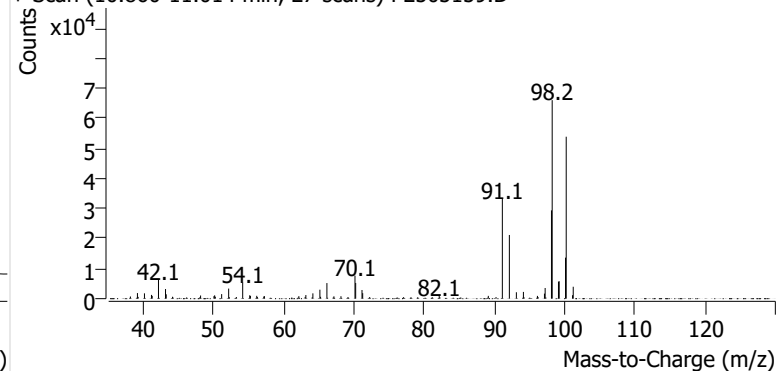


Toluene-d8 (IS)

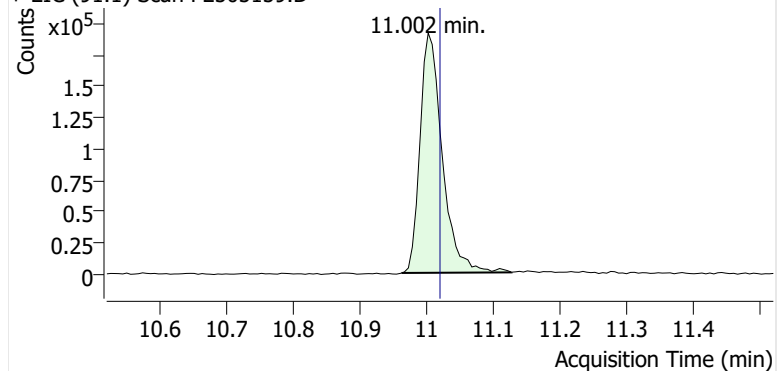
+ EIC (98.1) Scan P2505159.D



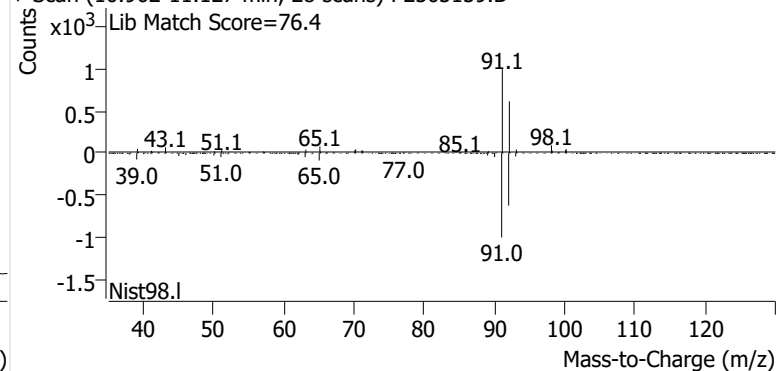
+ Scan (10.860-11.014 min, 27 scans) P2505159.D

**Toluene**

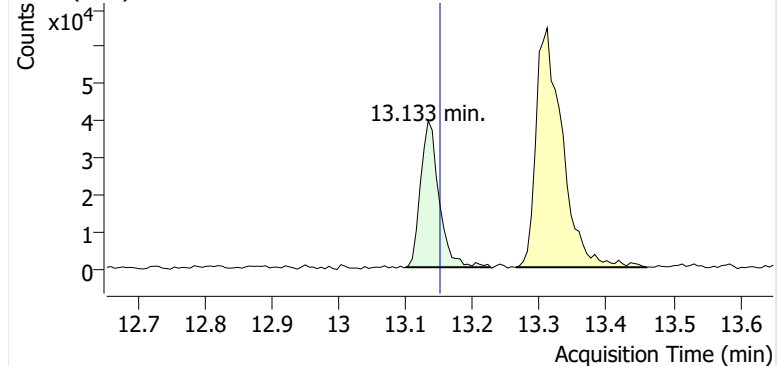
+ EIC (91.1) Scan P2505159.D



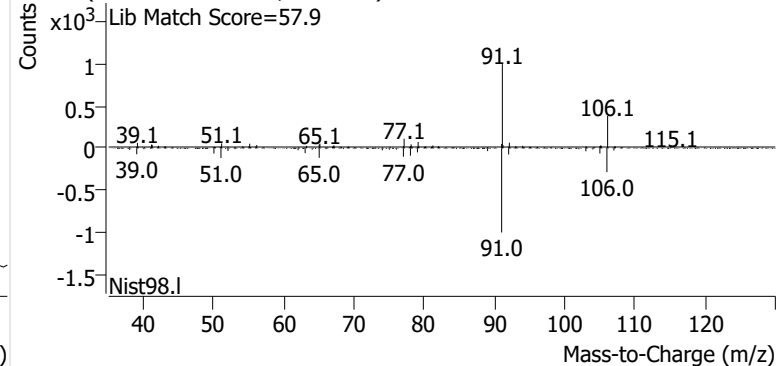
+ Scan (10.962-11.127 min, 28 scans) P2505159.D

**Ethylbenzene**

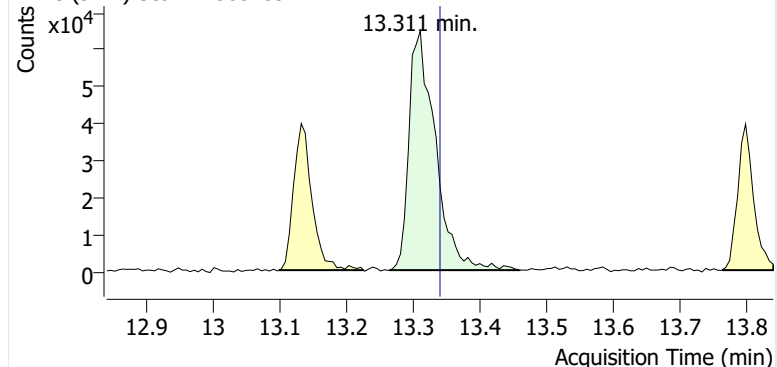
+ EIC (91.1) Scan P2505159.D



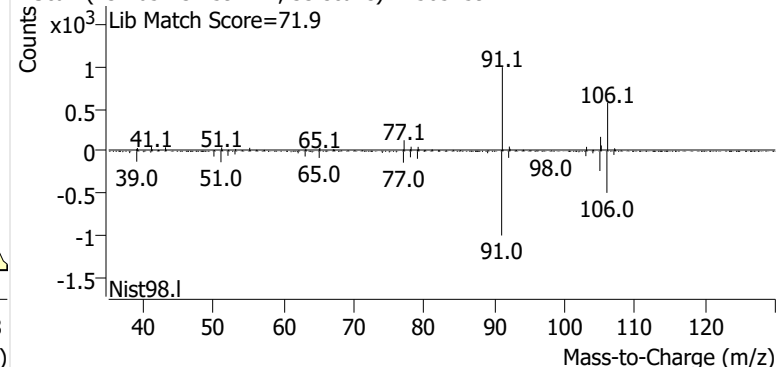
+ Scan (13.099-13.226 min, 21 scans) P2505159.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505159.D

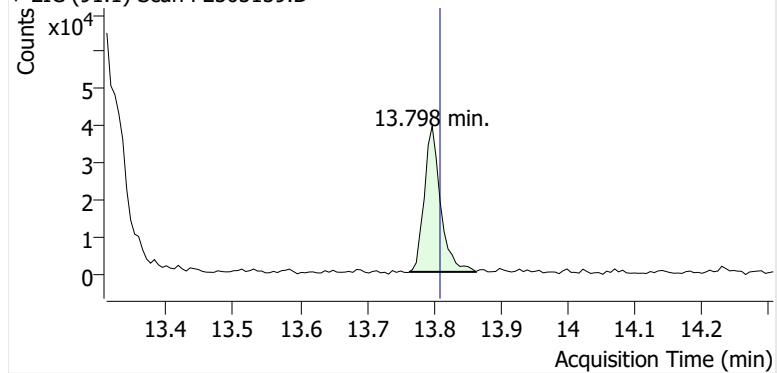


+ Scan (13.265-13.459 min, 33 scans) P2505159.D

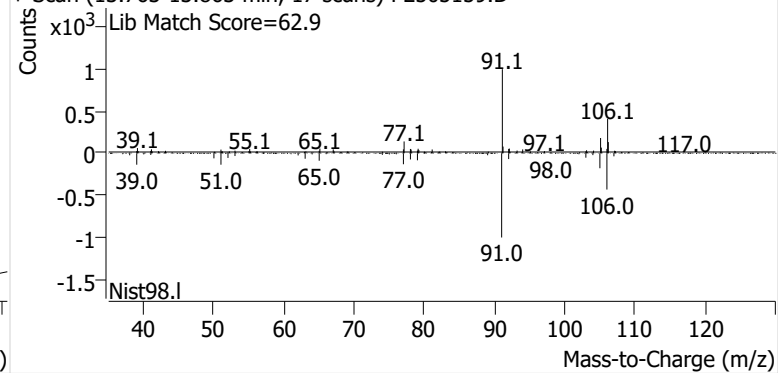


o-Xylene

+ EIC (91.1) Scan P2505159.D

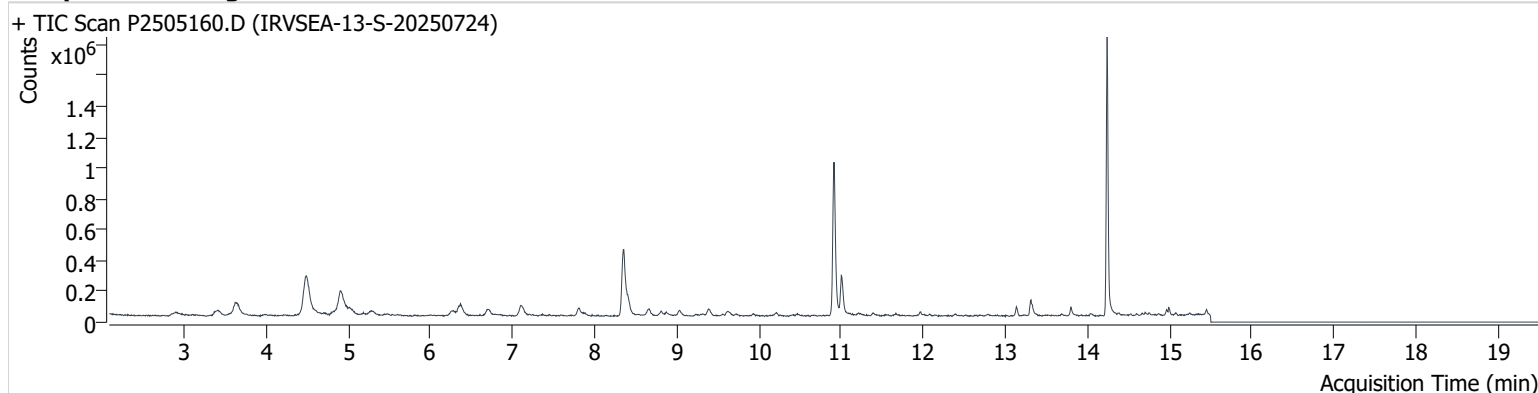


+ Scan (13.763-13.863 min, 17 scans) P2505159.D



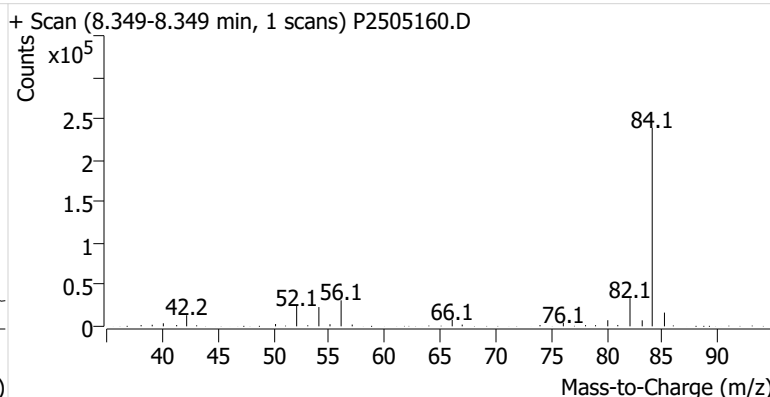
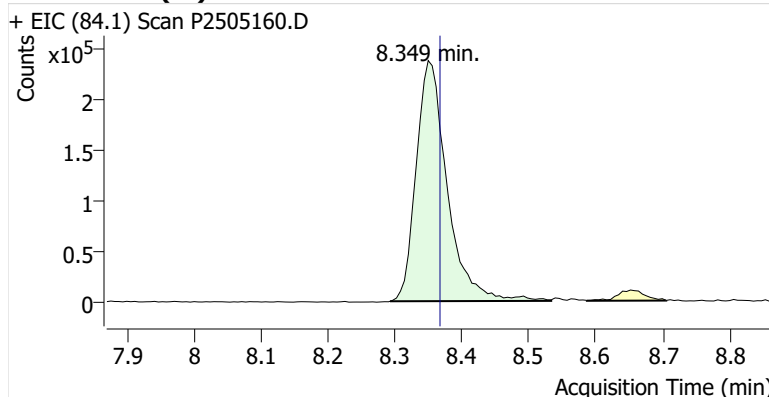
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Comment B48031
Data File P2505160.D
Acq. Date-Time 8/13/2025 2:16:18 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

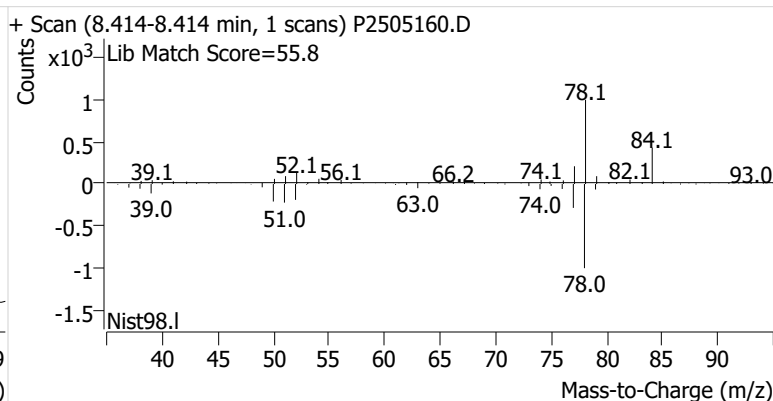
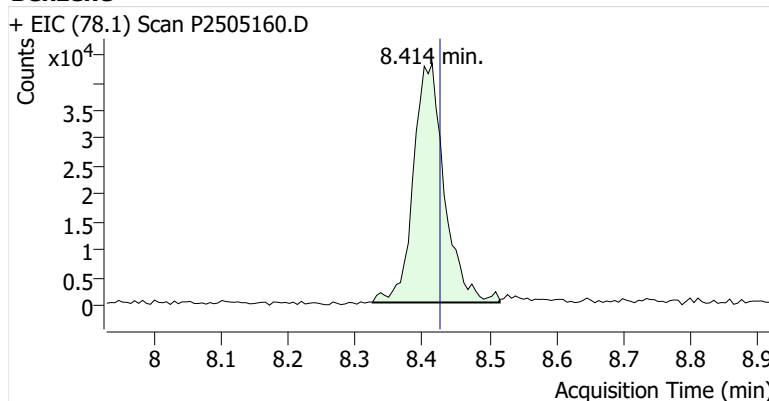


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	766,854	
Benzene	benzene-d6 (IS)	8.414	8.426	138,542	
Toluene-d8 (IS)		10.913	10.931	917,018	
Toluene	Toluene-d8 (IS)	11.002	11.020	235,137	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	44,801	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	91,239	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	33,258	

benzene-d6 (IS)

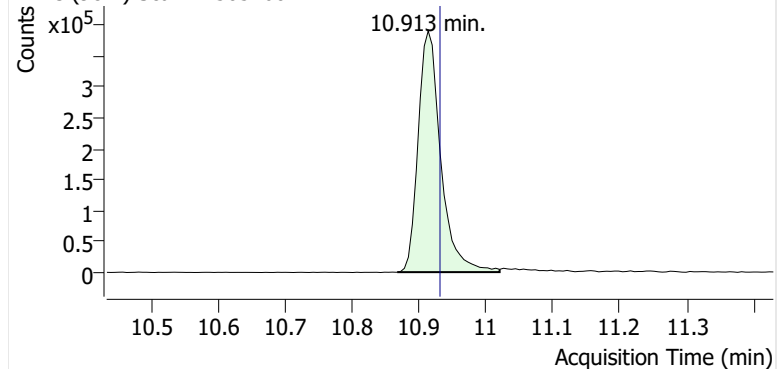


Benzene

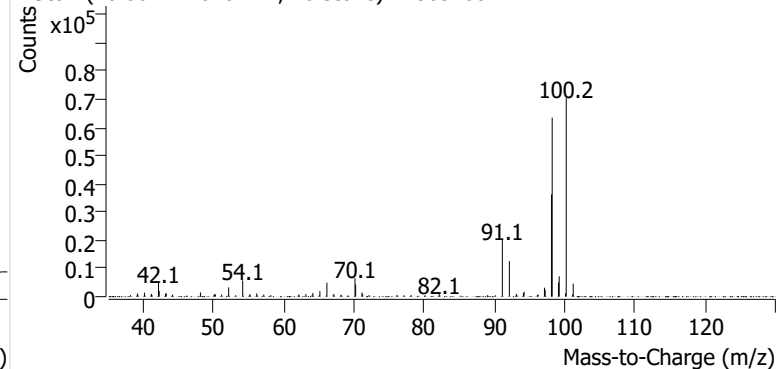


Toluene-d8 (IS)

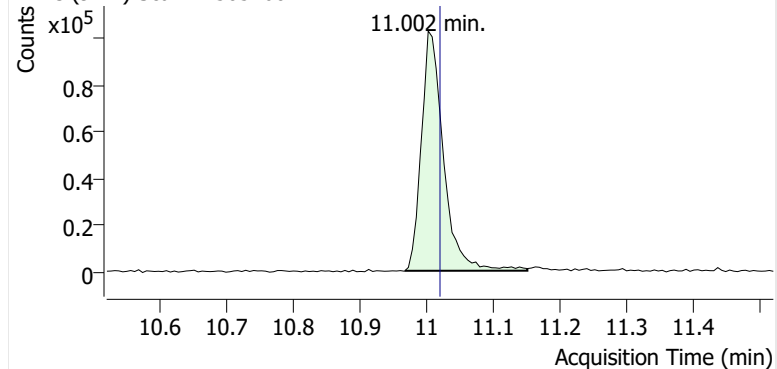
+ EIC (98.1) Scan P2505160.D



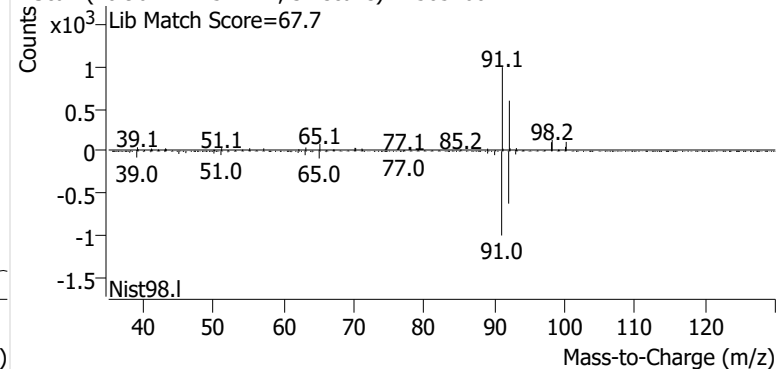
+ Scan (10.867-11.020 min, 26 scans) P2505160.D

**Toluene**

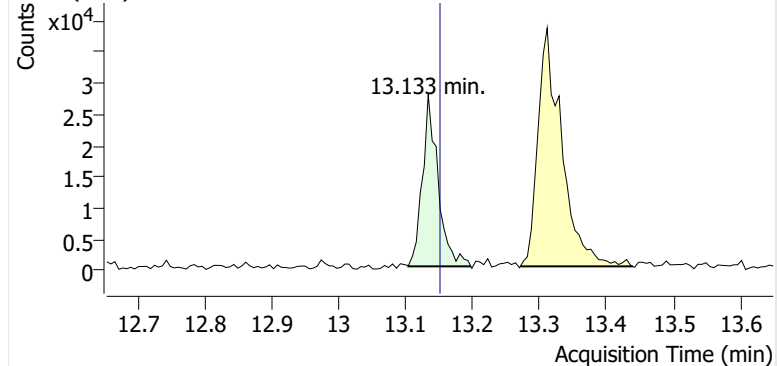
+ EIC (91.1) Scan P2505160.D



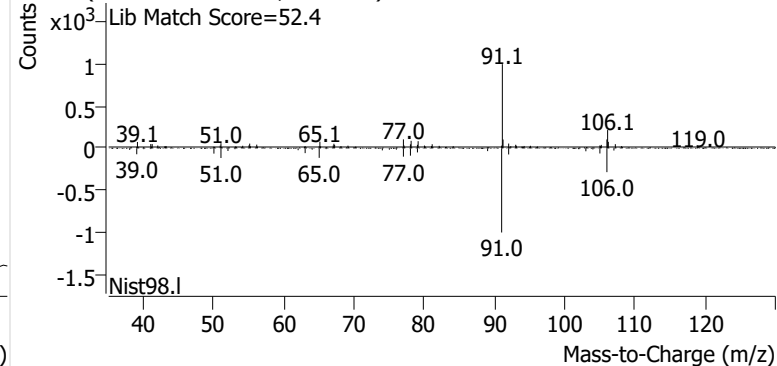
+ Scan (10.967-11.151 min, 31 scans) P2505160.D

**Ethylbenzene**

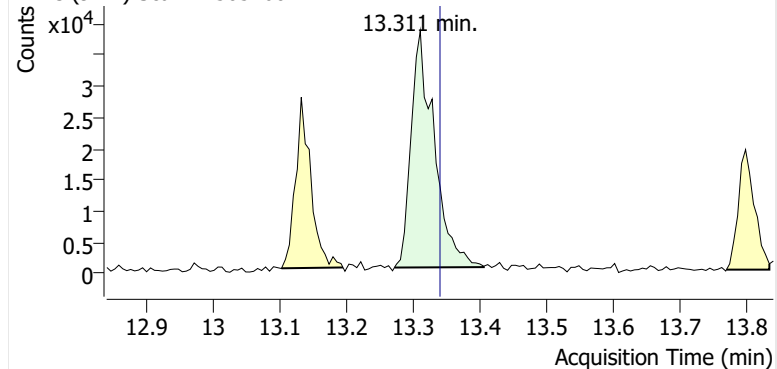
+ EIC (91.1) Scan P2505160.D



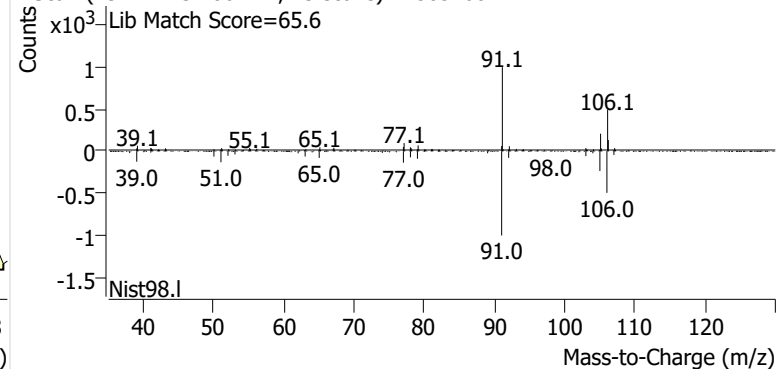
+ Scan (13.103-13.197 min, 16 scans) P2505160.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505160.D

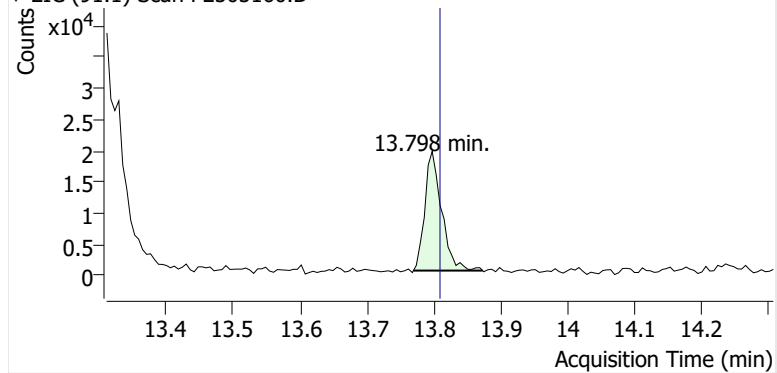


+ Scan (13.272-13.406 min, 23 scans) P2505160.D

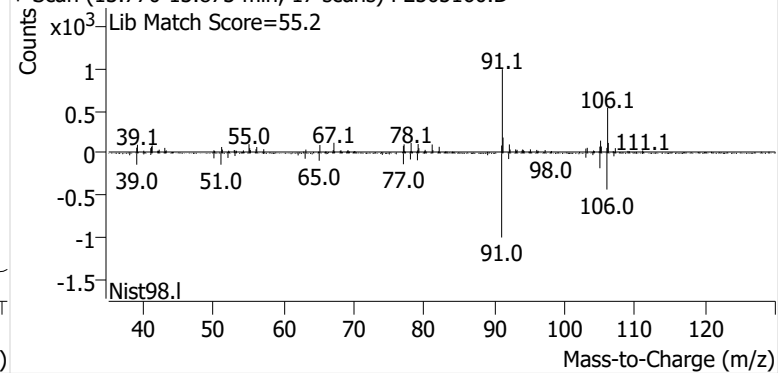


o-Xylene

+ EIC (91.1) Scan P2505160.D

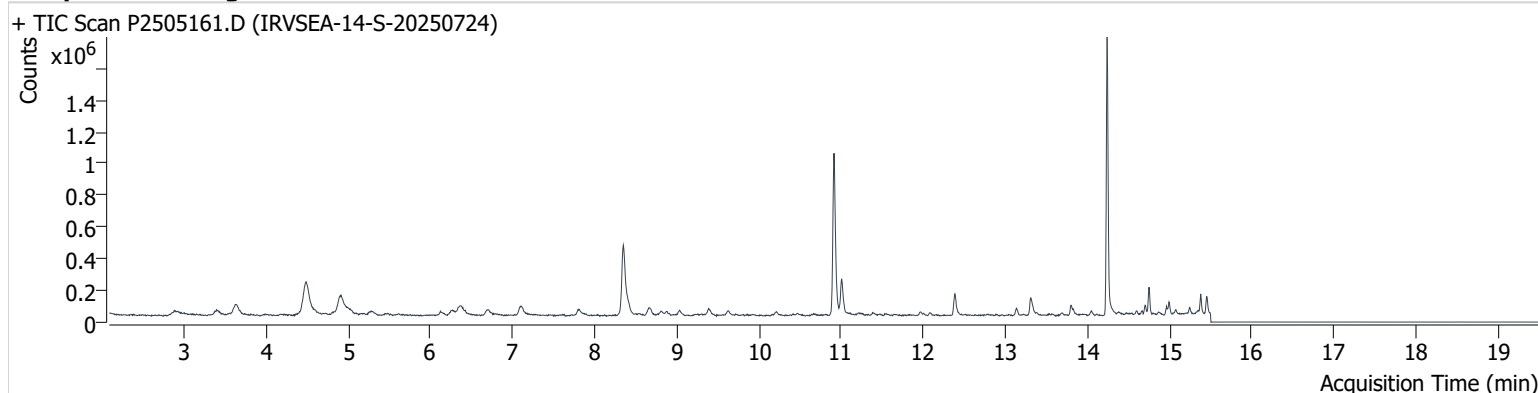


+ Scan (13.770-13.873 min, 17 scans) P2505160.D



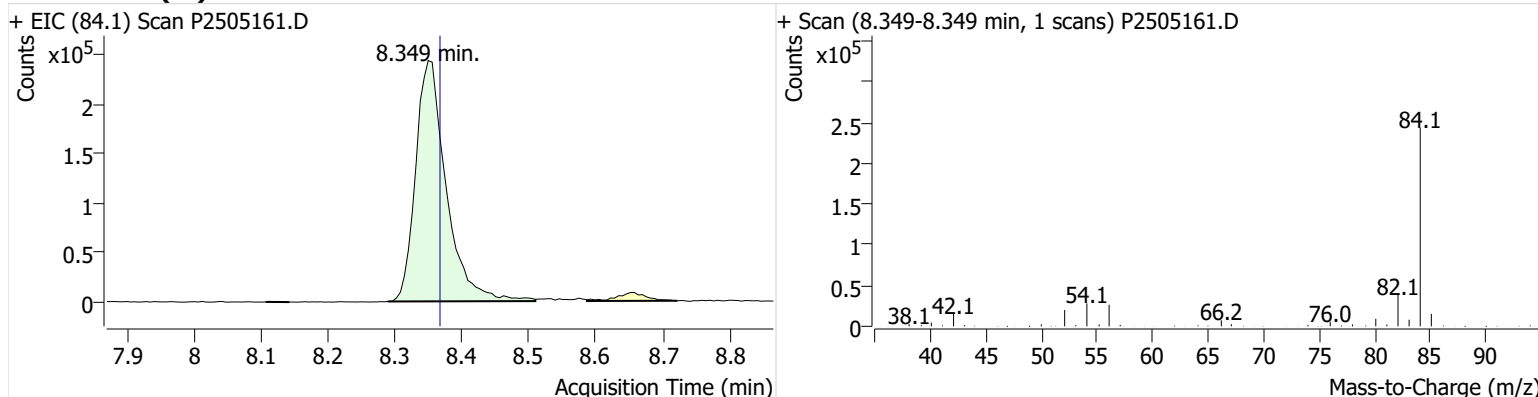
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Comment C61573
Data File P2505161.D
Acq. Date-Time 8/13/2025 2:53:35 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

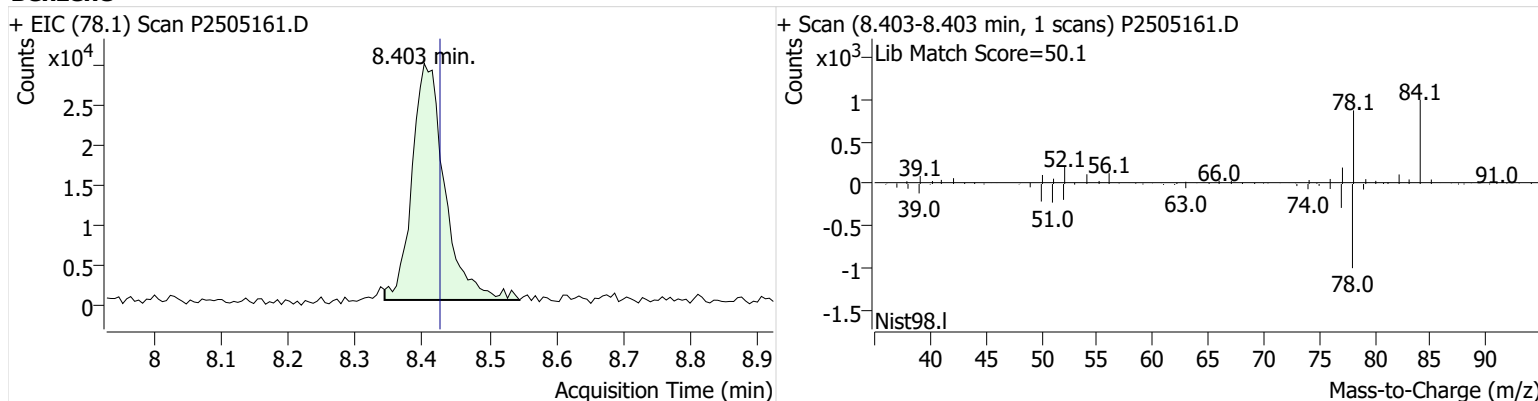


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	770,808	
Benzene	benzene-d6 (IS)	8.403	8.426	100,062	
Toluene-d8 (IS)		10.913	10.931	927,097	
Toluene	Toluene-d8 (IS)	11.008	11.020	200,352	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	38,365	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	108,859	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	40,178	

benzene-d6 (IS)

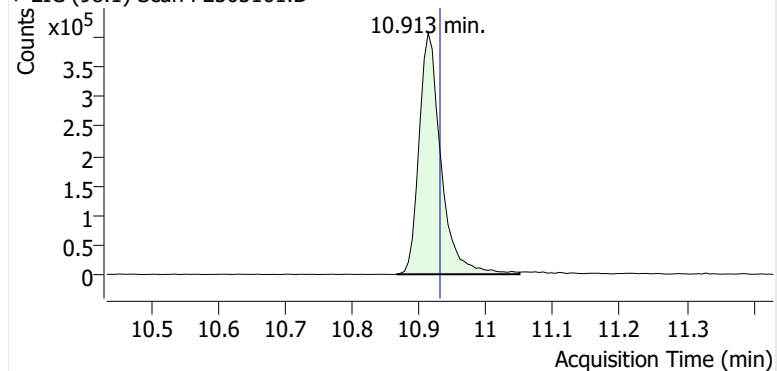


Benzene

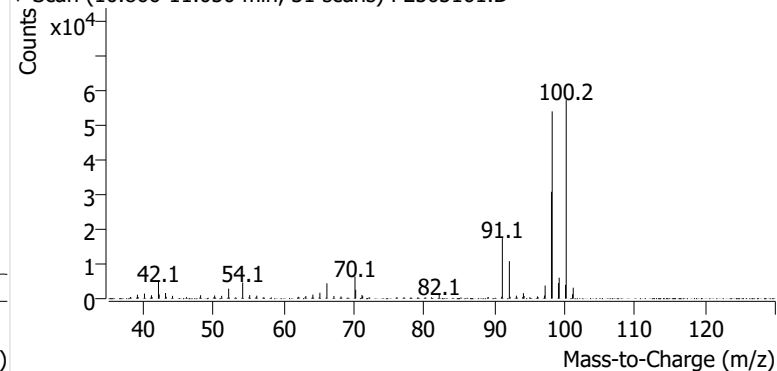


Toluene-d8 (IS)

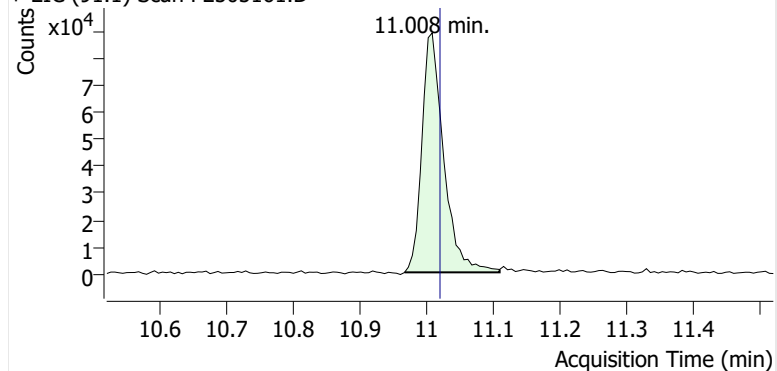
+ EIC (98.1) Scan P2505161.D



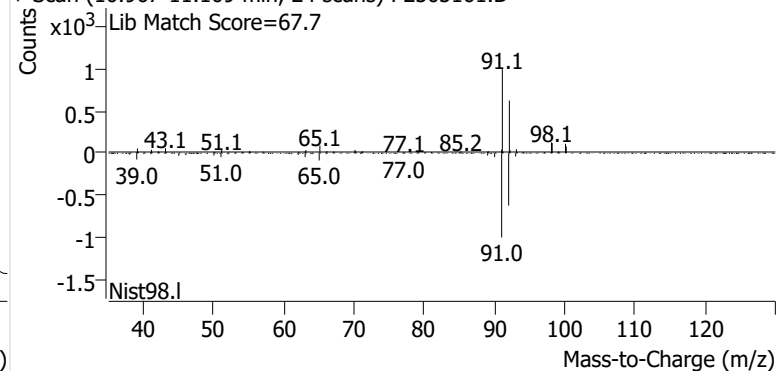
+ Scan (10.866-11.050 min, 31 scans) P2505161.D

**Toluene**

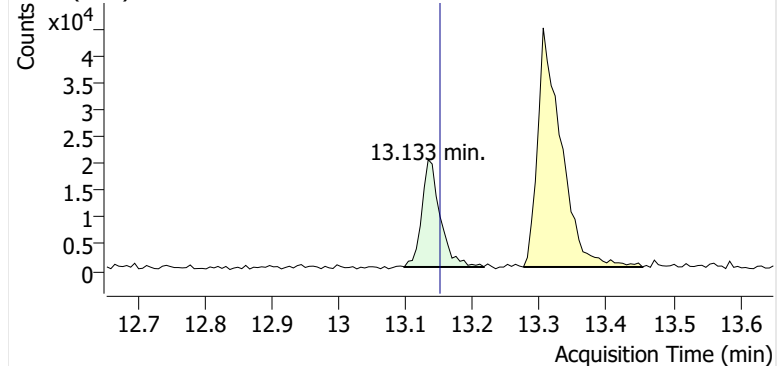
+ EIC (91.1) Scan P2505161.D



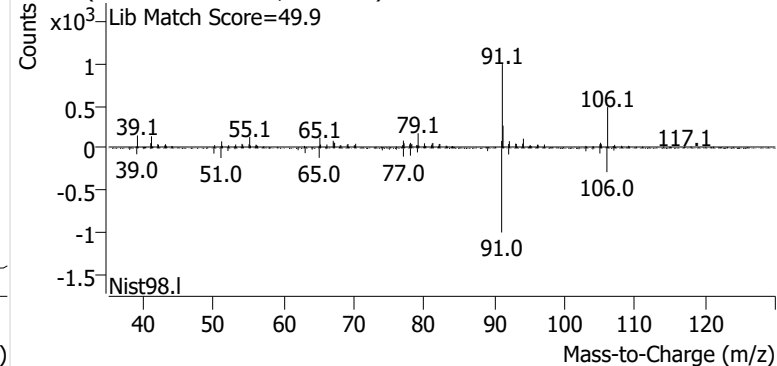
+ Scan (10.967-11.109 min, 24 scans) P2505161.D

**Ethylbenzene**

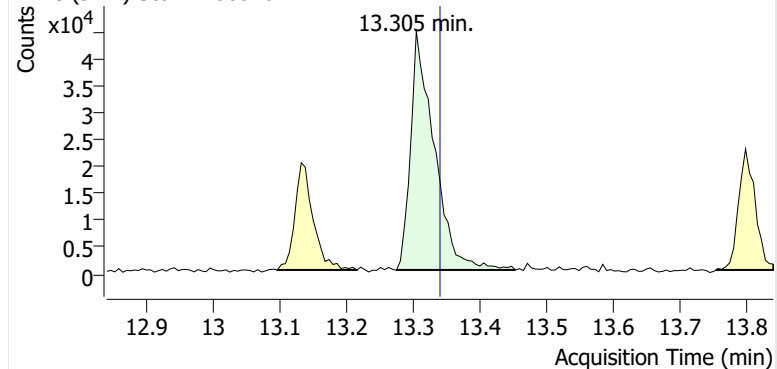
+ EIC (91.1) Scan P2505161.D



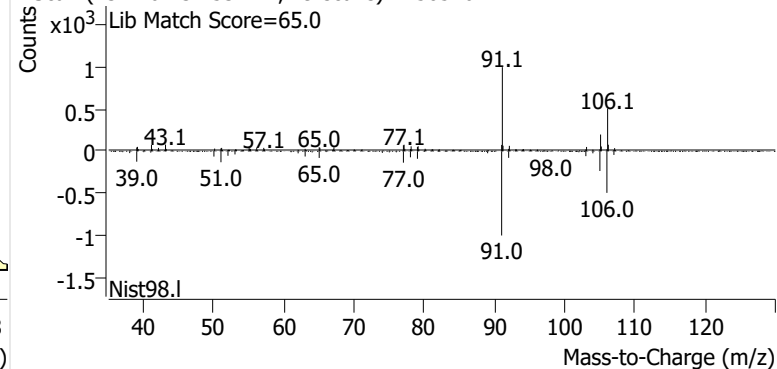
+ Scan (13.097-13.216 min, 21 scans) P2505161.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505161.D

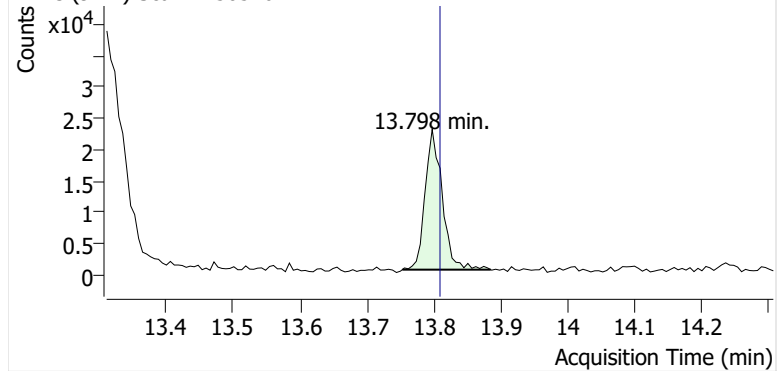


+ Scan (13.276-13.453 min, 29 scans) P2505161.D

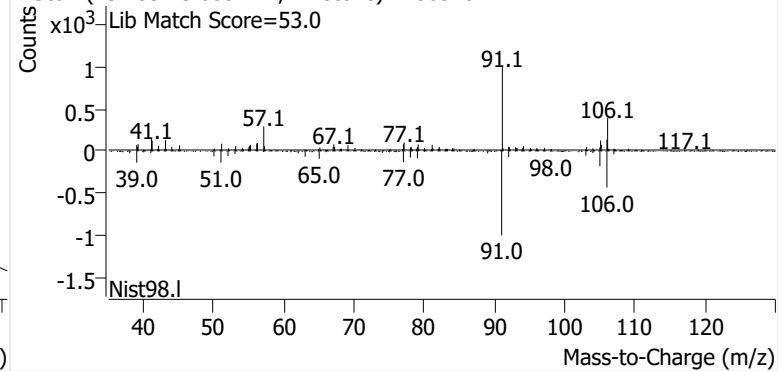


o-Xylene

+ EIC (91.1) Scan P2505161.D

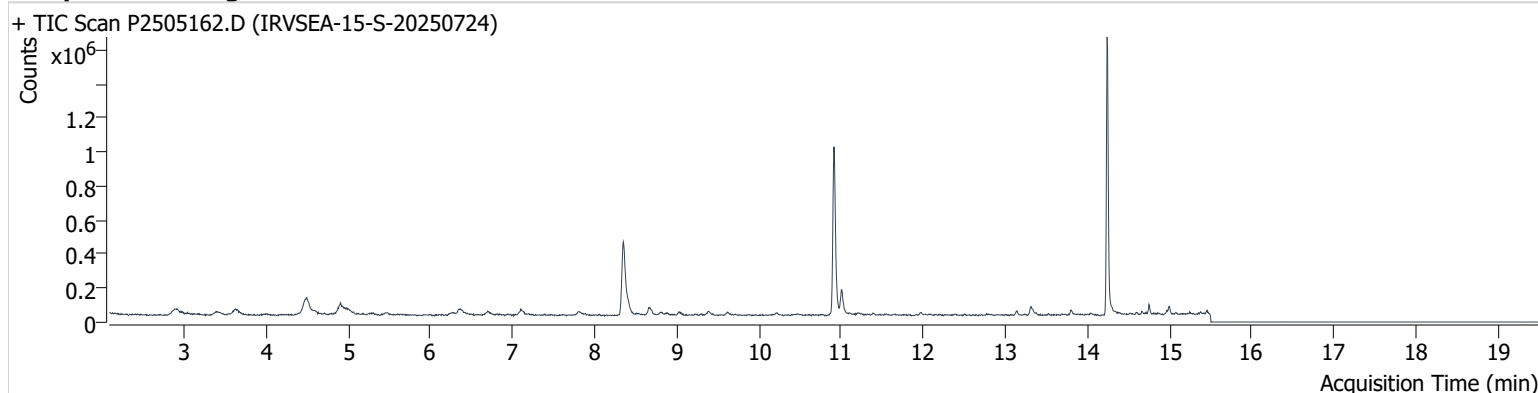


+ Scan (13.753-13.885 min, 22 scans) P2505161.D



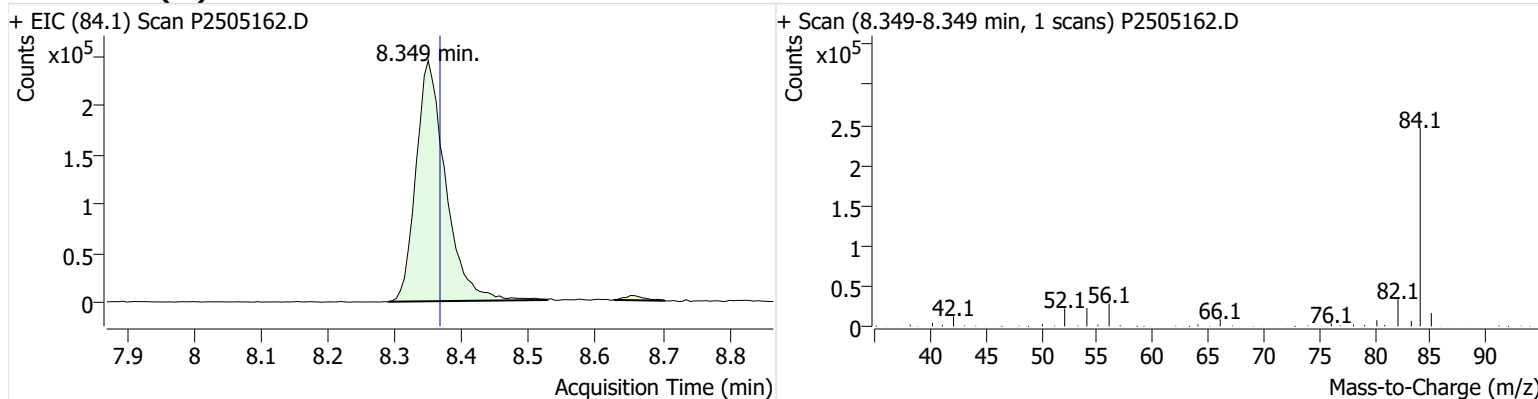
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Comment C55555
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Acq. Date-Time 8/13/2025 3:30:52 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

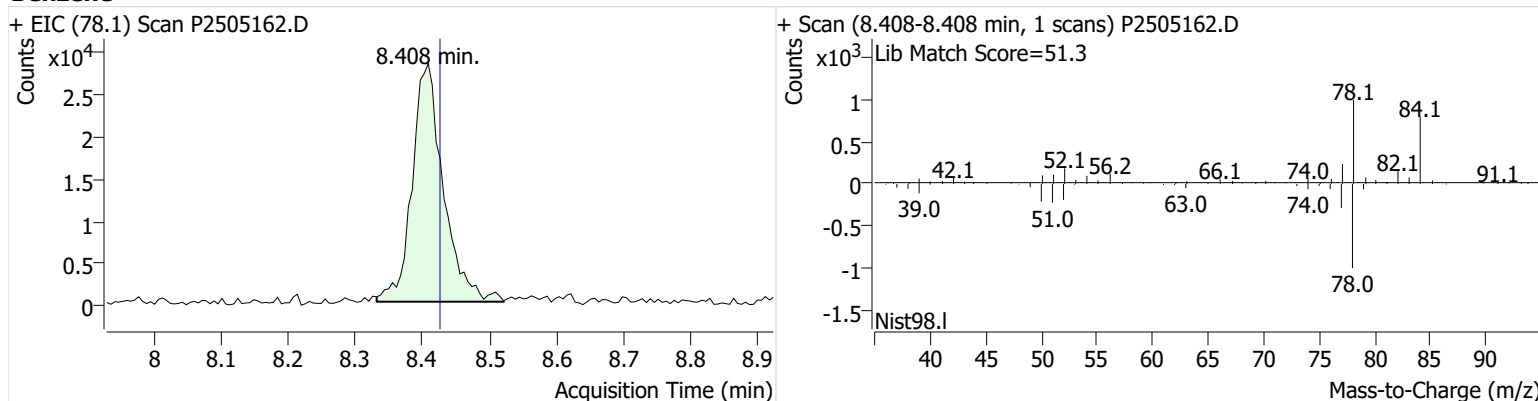


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	756,161	
Benzene	benzene-d6 (IS)	8.408	8.426	91,576	
Toluene-d8 (IS)		10.913	10.931	923,359	
Toluene	Toluene-d8 (IS)	11.008	11.020	122,708	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	21,779	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	47,160	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	18,843	

benzene-d6 (IS)

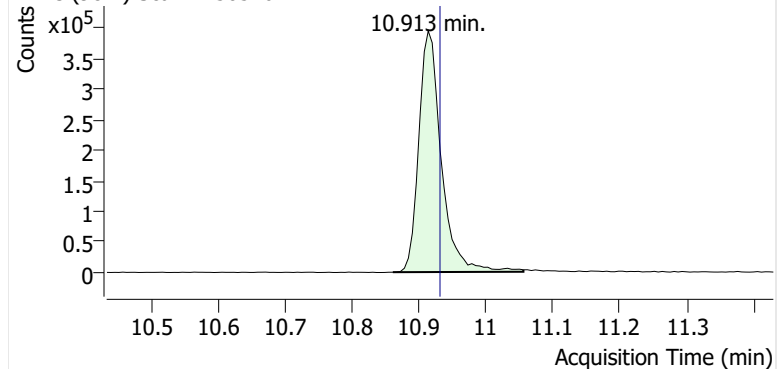


Benzene

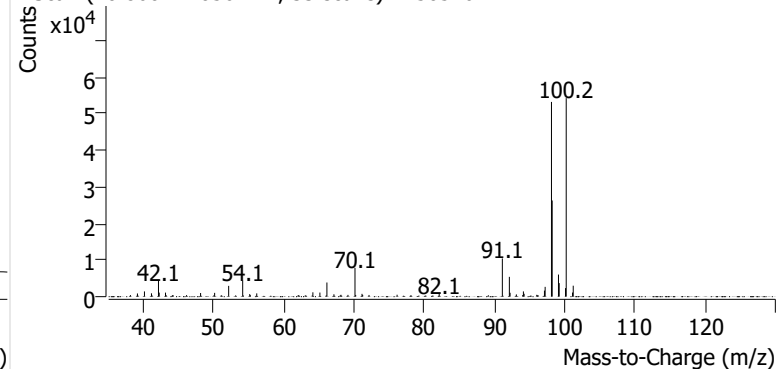


Toluene-d8 (IS)

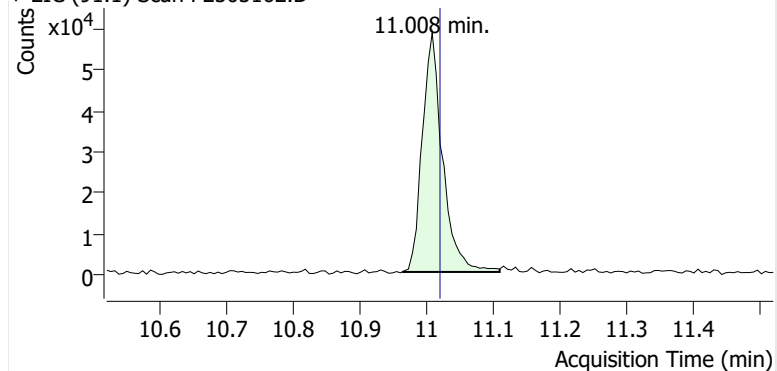
+ EIC (98.1) Scan P2505162.D



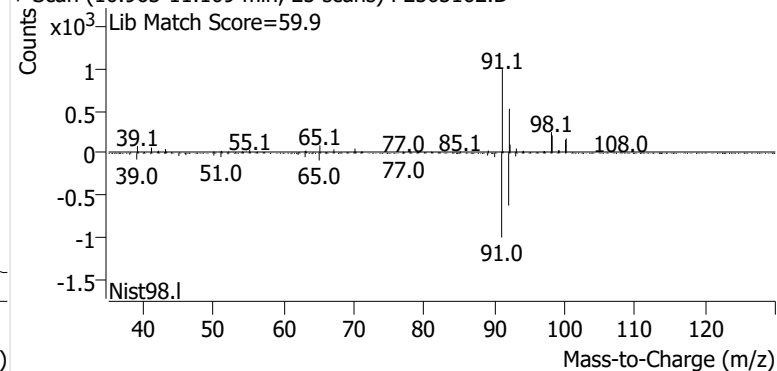
+ Scan (10.860-11.056 min, 33 scans) P2505162.D

**Toluene**

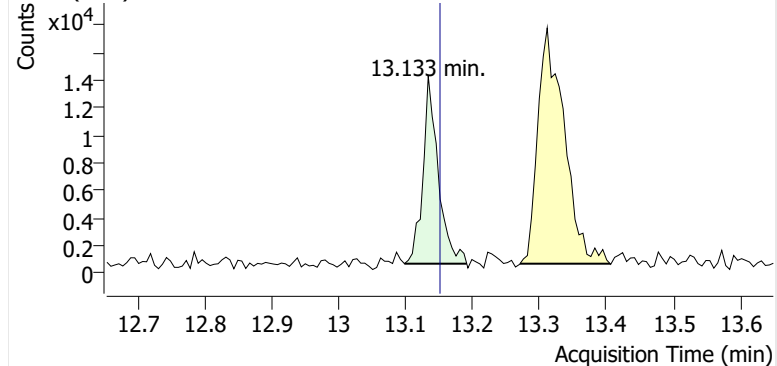
+ EIC (91.1) Scan P2505162.D



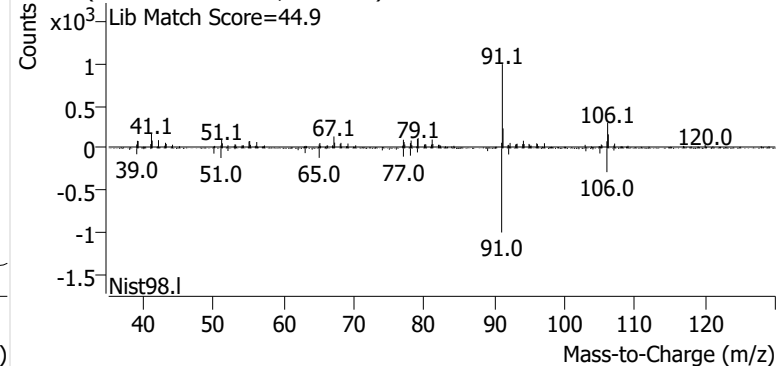
+ Scan (10.963-11.109 min, 25 scans) P2505162.D

**Ethylbenzene**

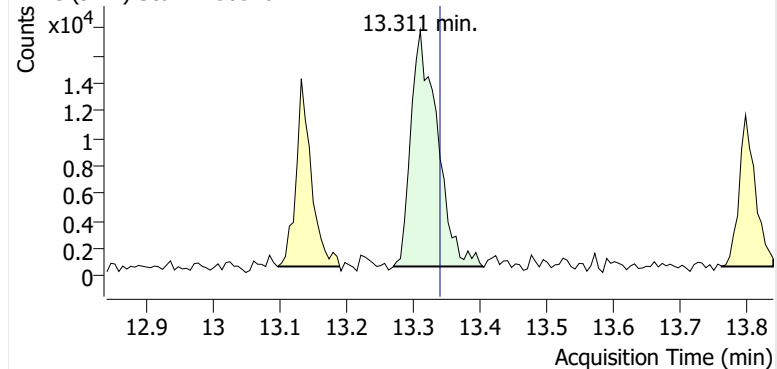
+ EIC (91.1) Scan P2505162.D



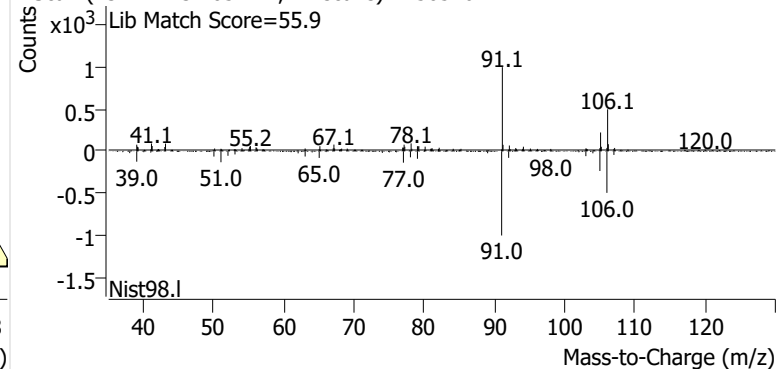
+ Scan (13.097-13.191 min, 16 scans) P2505162.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505162.D

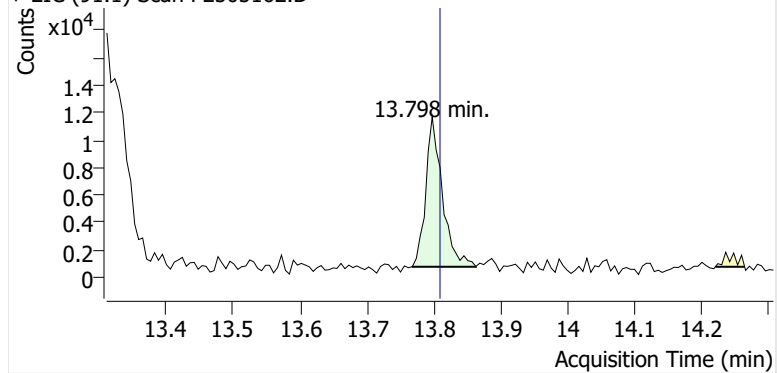


+ Scan (13.271-13.405 min, 22 scans) P2505162.D

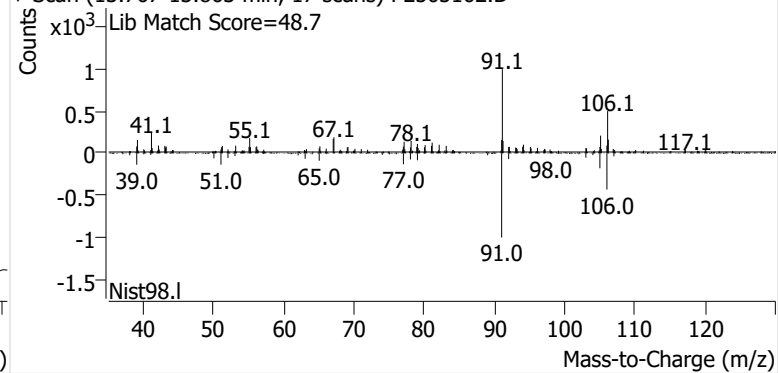


o-Xylene

+ EIC (91.1) Scan P2505162.D

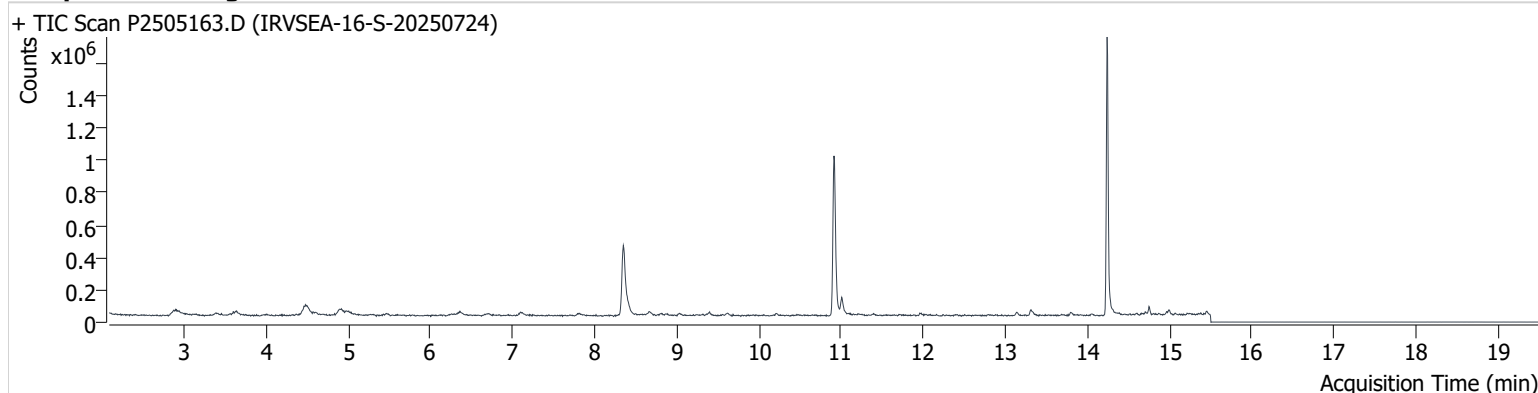


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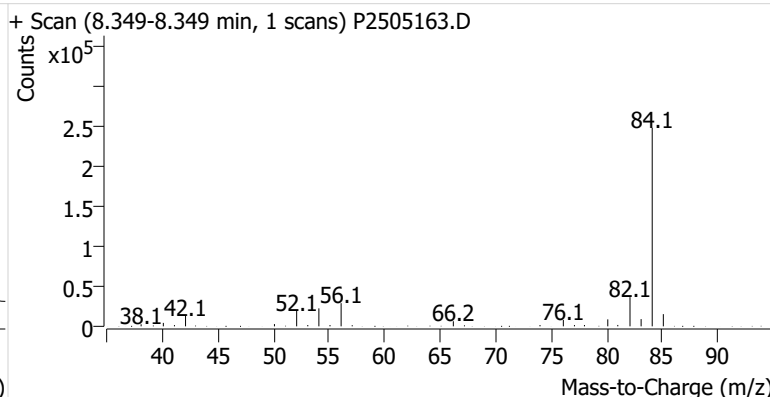
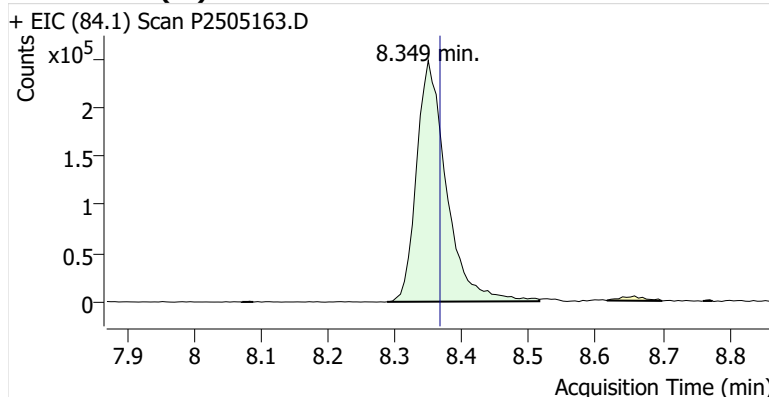
Name IRVSEA-16-S-20250724
Comment C39244
Data File P2505163.D
Acq. Date-Time 8/13/2025 4:08:10 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

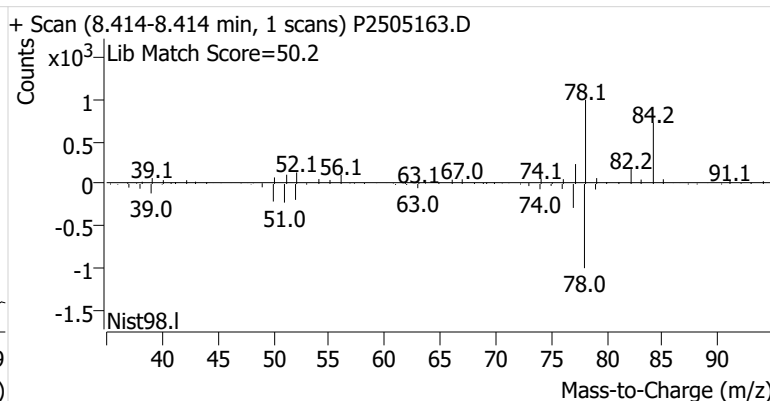
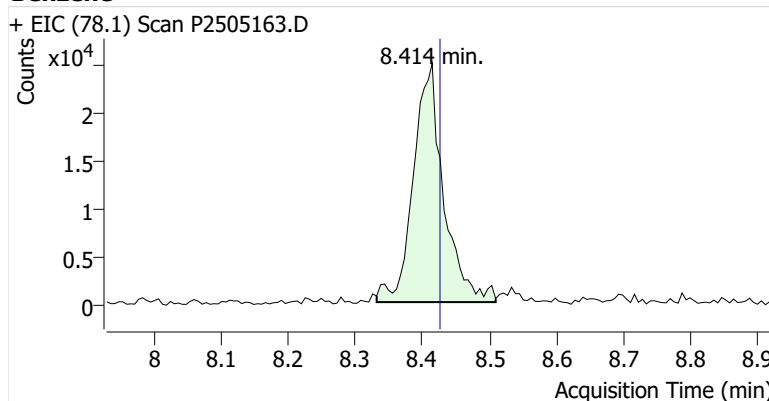


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	769,347	
Benzene	benzene-d6 (IS)	8.414	8.426	77,966	
Toluene-d8 (IS)		10.913	10.931	935,327	
Toluene	Toluene-d8 (IS)	11.008	11.020	89,504	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	17,239	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	32,602	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	13,680	

benzene-d6 (IS)

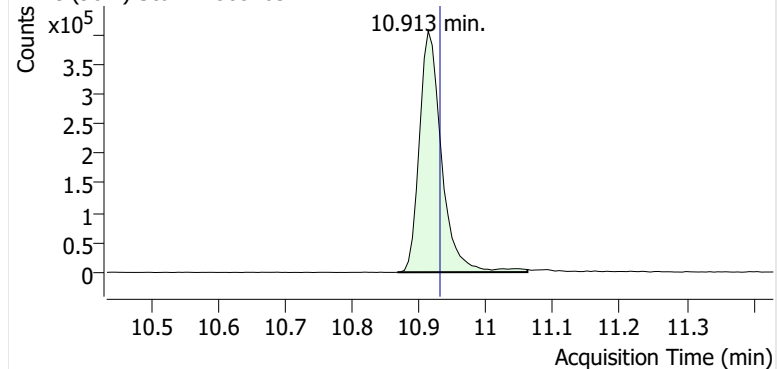


Benzene

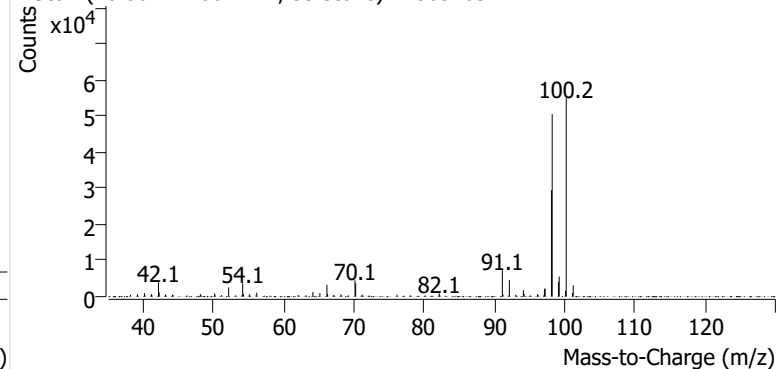


Toluene-d8 (IS)

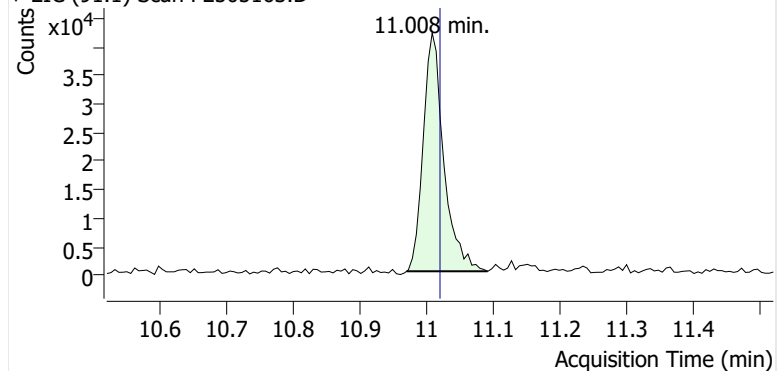
+ EIC (98.1) Scan P2505163.D



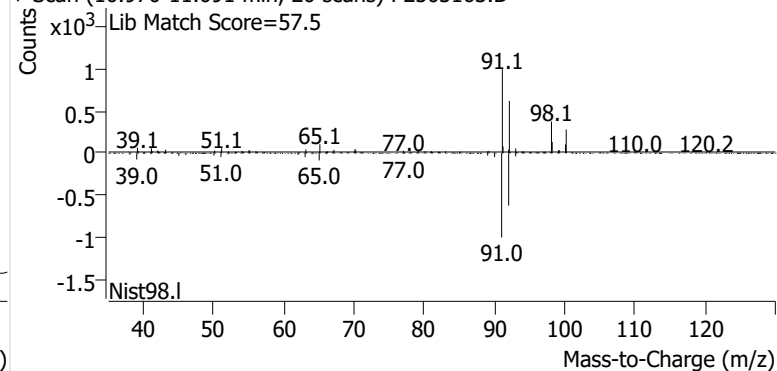
+ Scan (10.867-11.062 min, 33 scans) P2505163.D

**Toluene**

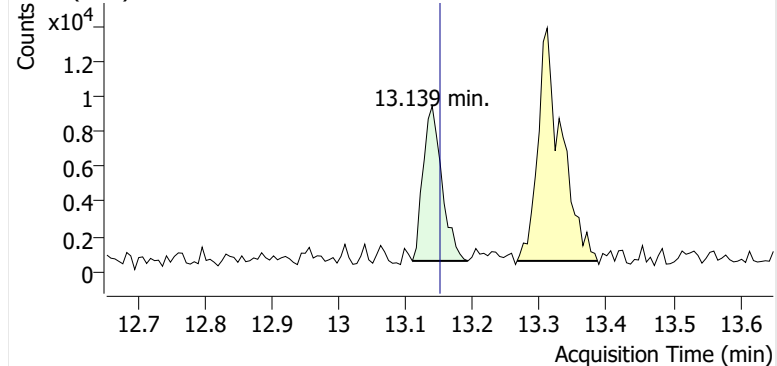
+ EIC (91.1) Scan P2505163.D



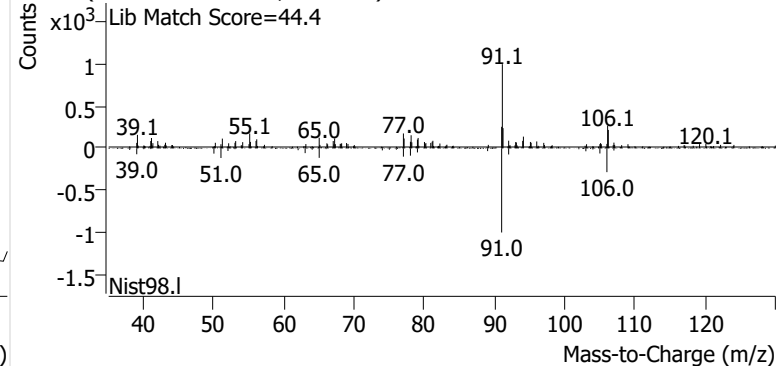
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**Ethylbenzene**

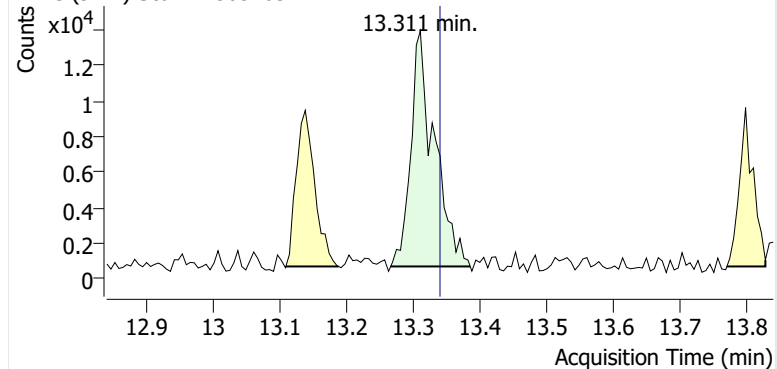
+ EIC (91.1) Scan P2505163.D



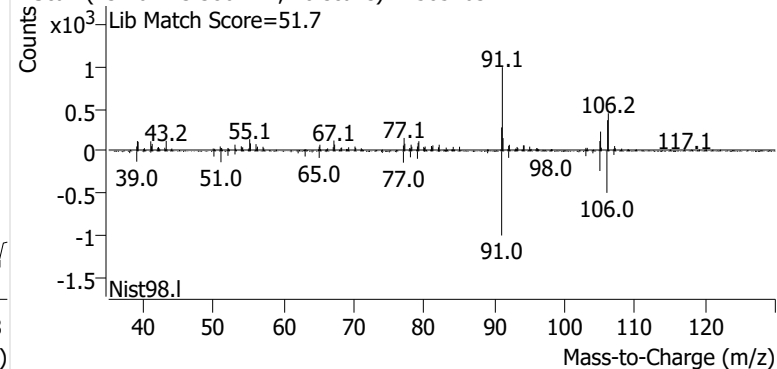
+ Scan (13.109-13.192 min, 13 scans) P2505163.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505163.D

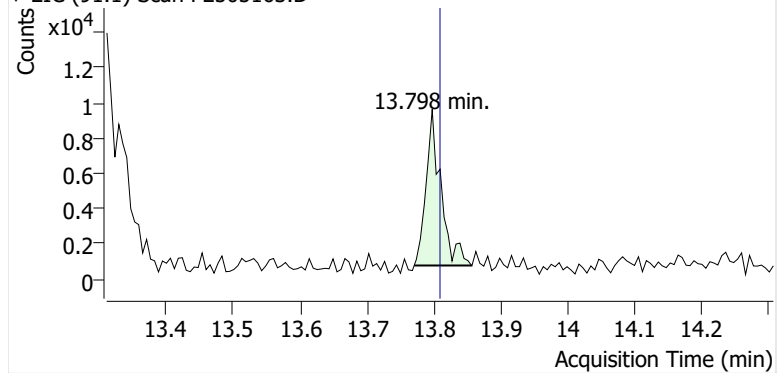


+ Scan (13.267-13.386 min, 20 scans) P2505163.D

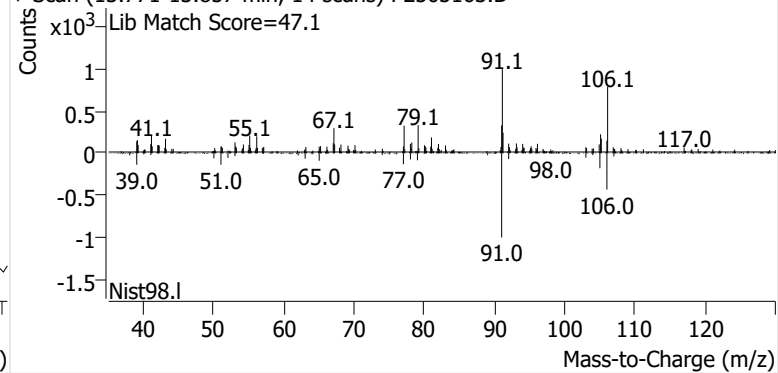


o-Xylene

+ EIC (91.1) Scan P2505163.D

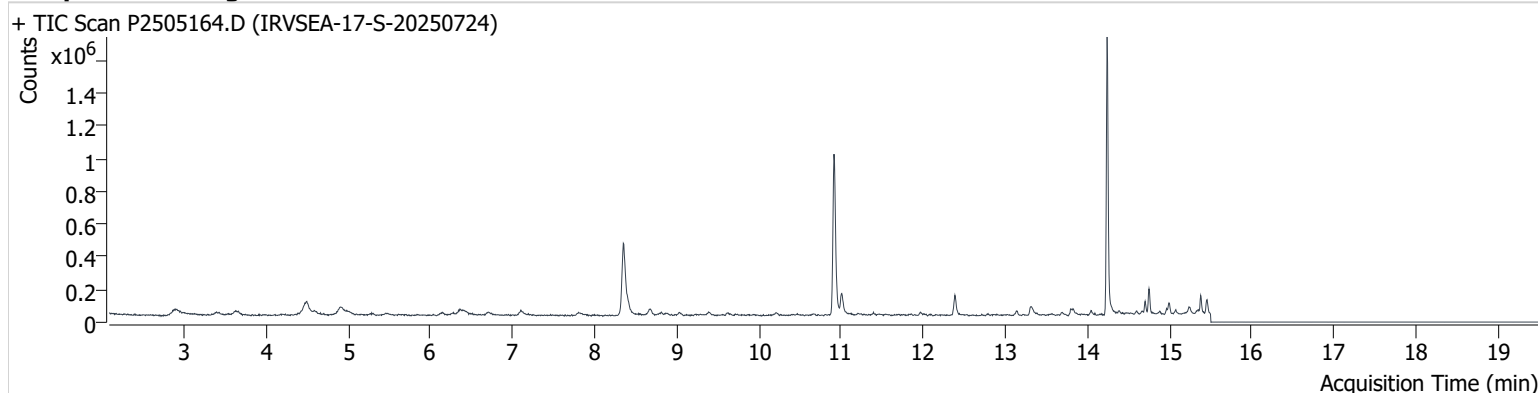


+ Scan (13.771-13.857 min, 14 scans) P2505163.D



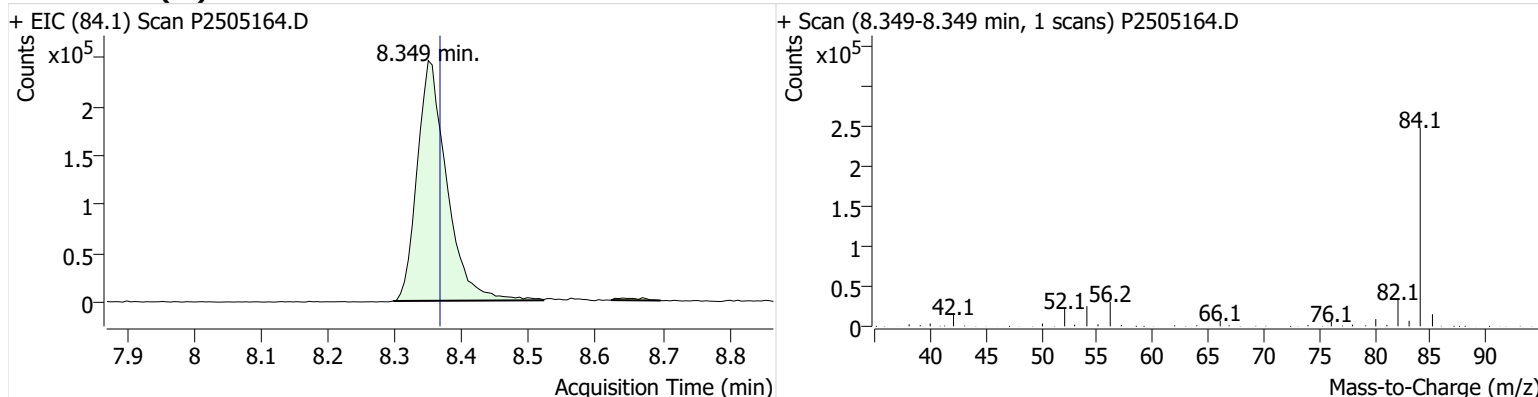
Name IRVSEA-17-S-20250724
Comment C61723
Data File P2505164.D
Acq. Date-Time 8/13/2025 4:45:26 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

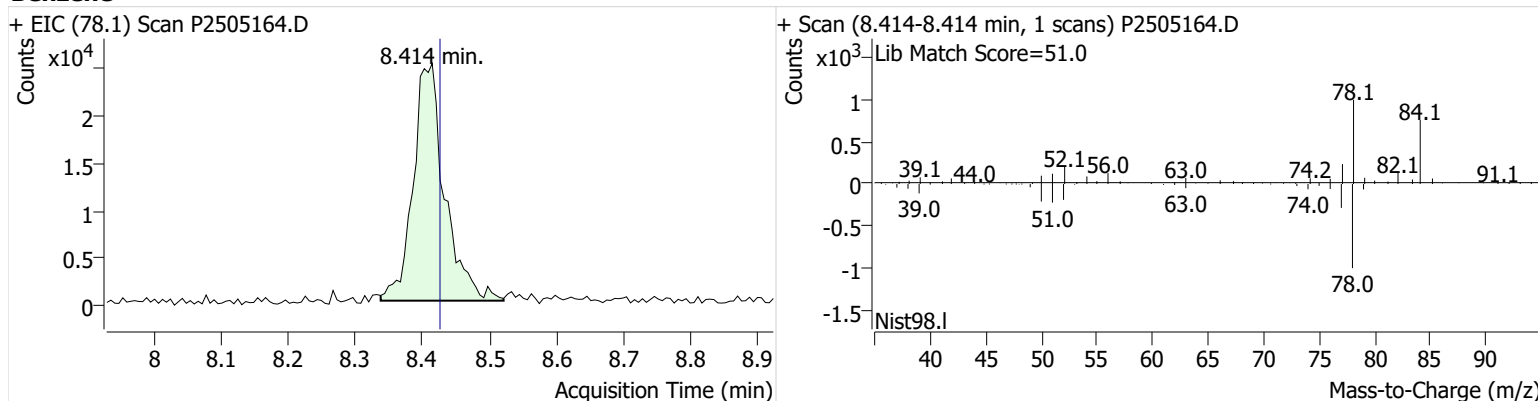


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	758,606	
Benzene	benzene-d6 (IS)	8.414	8.426	82,100	
Toluene-d8 (IS)		10.913	10.931	936,162	
Toluene	Toluene-d8 (IS)	11.002	11.020	111,702	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	21,144	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	55,307	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	24,760	

benzene-d6 (IS)

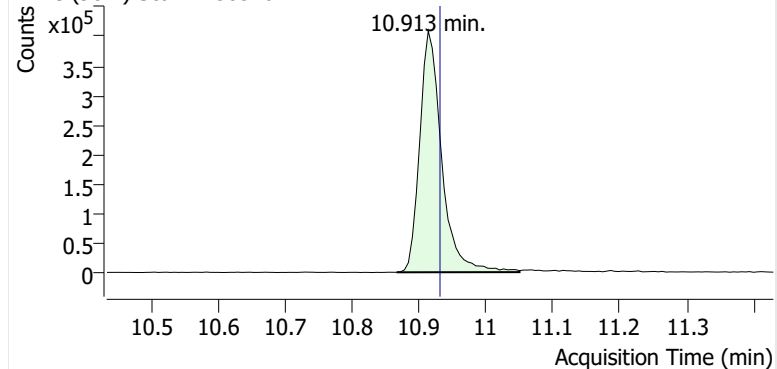


Benzene

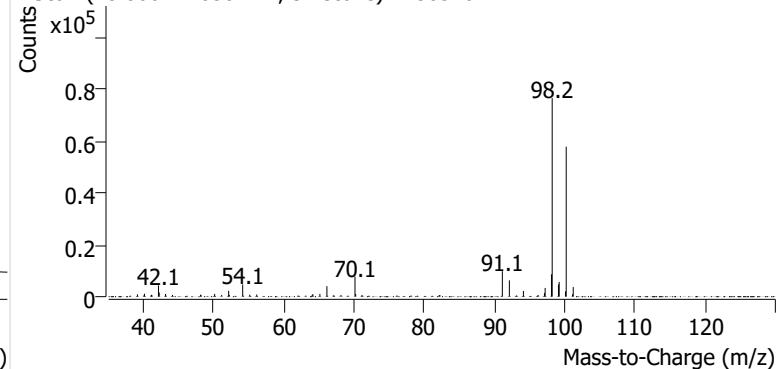


Toluene-d8 (IS)

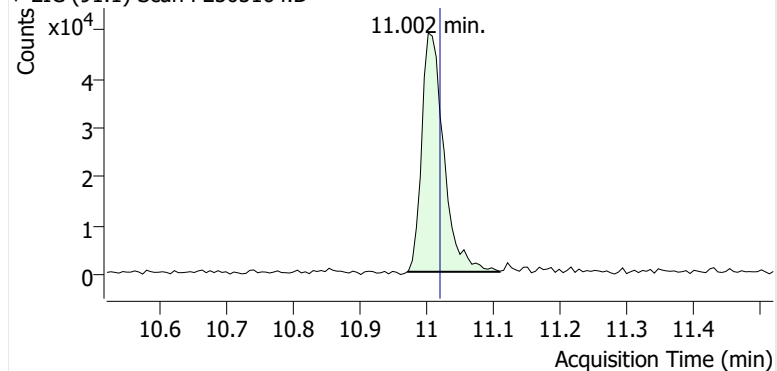
+ EIC (98.1) Scan P2505164.D



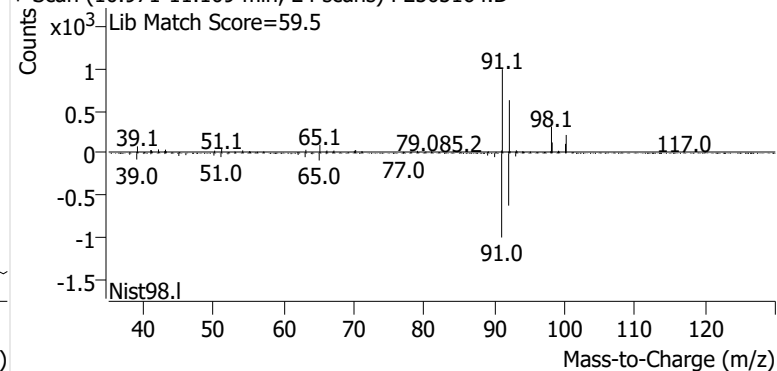
+ Scan (10.866-11.050 min, 31 scans) P2505164.D

**Toluene**

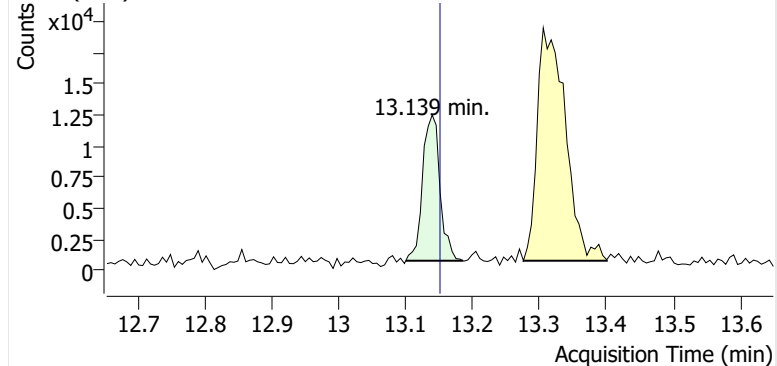
+ EIC (91.1) Scan P2505164.D



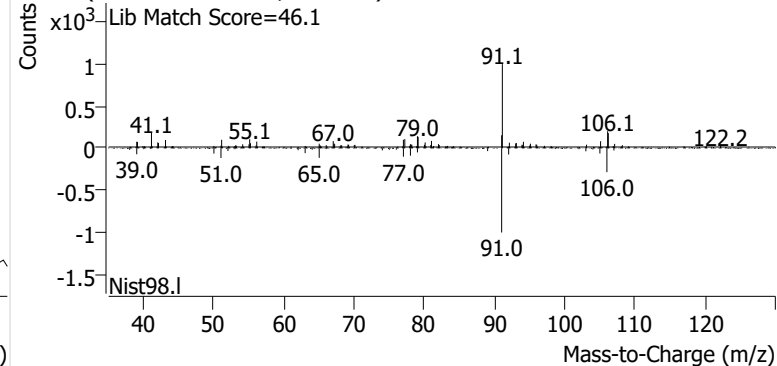
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**Ethylbenzene**

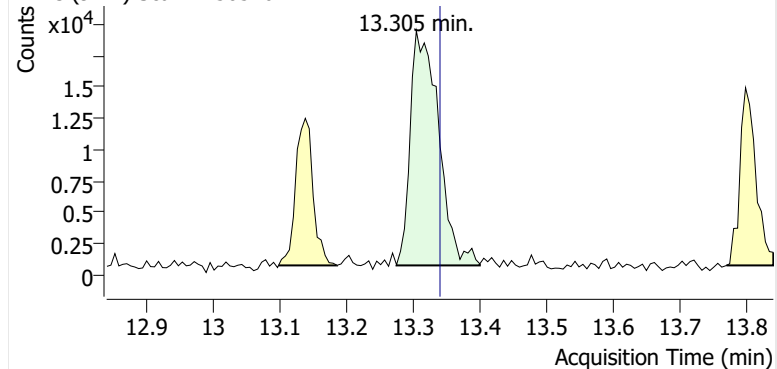
+ EIC (91.1) Scan P2505164.D



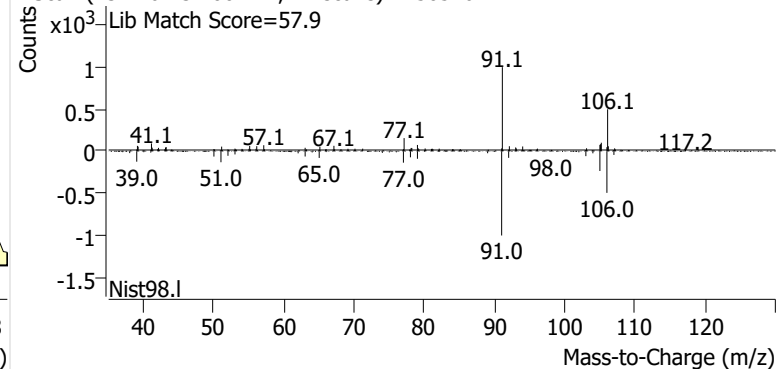
+ Scan (13.099-13.185 min, 14 scans) P2505164.D

**m-/p-Xylenes**

+ EIC (91.1) Scan P2505164.D

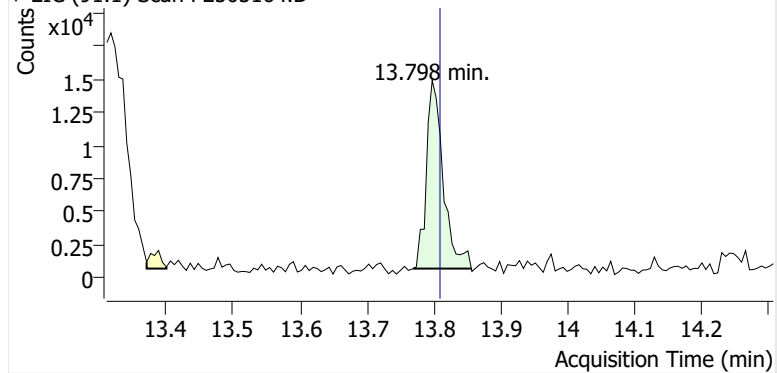


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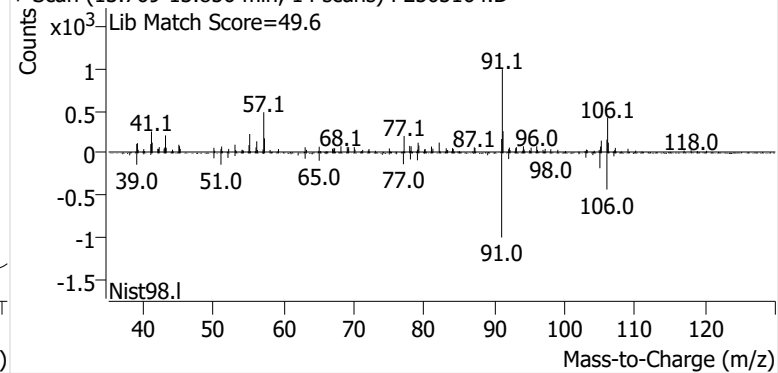


o-Xylene

+ EIC (91.1) Scan P2505164.D



+ Scan (13.769-13.856 min, 14 scans) P2505164.D



Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG303-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679_R1_QT_CC185154	Benzene	1	P2502258.D	4.96	47440	90.3	798559	1.081	0.21
P041125A_CC252679_R1_QT_CC185154	Benzene	2	P2502259.D	9.92	81580	90.3	784474	0.946	0.056
P041125A_CC252679_R1_QT_CC185154	Benzene	3	P2502260.D	19.85	154990	90.3	766291	0.920	0.027
P041125A_CC252679_R1_QT_CC185154	Benzene	4	P2502261.D	39.70	307006	90.3	776135	0.900	0.0043
P041125A_CC252679_R1_QT_CC185154	Benzene	5	P2502262.D	99.25	682063	90.3	768529	0.807	-0.099
P041125A_CC252679_R1_QT_CC185154	Benzene	6	P2502263.D	198.49	1383026	90.3	766391	0.821	-0.084
P041125A_CC252679_R1_QT_CC185154	Benzene	7	P2502264.D	595.47	3847989	90.3	733331	0.796	-0.11
P041125A_CC252679_R1_QT_CC185154	Benzene	QT		120.51		90.3			
						Avg:	770530	0.896	
						%RSD:	2.6%	11.2%	
P041125A_CC252679_R1_QT_CC185154	Toluene	1	P2502258.D	5.37	53462	105.3	981002	1.069	0.21
P041125A_CC252679_R1_QT_CC185154	Toluene	2	P2502259.D	10.73	93718	105.3	977723	0.940	0.061
P041125A_CC252679_R1_QT_CC185154	Toluene	3	P2502260.D	21.46	177517	105.3	952641	0.914	0.031
P041125A_CC252679_R1_QT_CC185154	Toluene	4	P2502261.D	42.92	366700	105.3	958584	0.938	0.058
P041125A_CC252679_R1_QT_CC185154	Toluene	5	P2502262.D	107.31	751020	105.3	937774	0.786	-0.11
P041125A_CC252679_R1_QT_CC185154	Toluene	6	P2502263.D	214.62	1544431	105.3	950212	0.797	-0.1
P041125A_CC252679_R1_QT_CC185154	Toluene	7	P2502264.D	643.86	4297415	105.3	923104	0.761	-0.14
P041125A_CC252679_R1_QT_CC185154	Toluene	QT		105.84		105.3			
						Avg:	954434	0.887	
						%RSD:	2.2%	12.5%	
P041125A_CC252679_R1_QT_CC185154	Ethylbenzene	1	P2502258.D	5.16	56966	105.3	981002	1.185	0.15
P041125A_CC252679_R1_QT_CC185154	Ethylbenzene	2	P2502259.D	10.32	108870	105.3	977723	1.137	0.1
P041125A_CC252679_R1_QT_CC185154	Ethylbenzene	3	P2502260.D	20.63	213920	105.3	952641	1.146	0.11
P041125A_CC252679_R1_QT_CC185154	Ethylbenzene	4	P2502261.D	41.26	422263	105.3	958584	1.124	0.088
P041125A_CC252679_R1_QT_CC185154	Ethylbenzene	5	P2502262.D	103.15	801782	105.3	937774	0.873	-0.16
P041125A_CC252679_R1_QT_CC185154	Ethylbenzene	6	P2502263.D	206.30	1736097	105.3	950212	0.932	-0.098
P041125A_CC252679_R1_QT_CC185154	Ethylbenzene	7	P2502264.D	618.90	4543663	105.3	923104	0.837	-0.19
P041125A_CC252679_R1_QT_CC185154	Ethylbenzene	QT		110.01		105.3			
						Avg:	954434	1.034	
						%RSD:	2.2%	14.2%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG303-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679_R1_QT_CC185154	m-/p-Xylenes	1	P2502258.D	4.87	38899	105.3	981002	0.857	0.083
P041125A_CC252679_R1_QT_CC185154	m-/p-Xylenes	2	P2502259.D	9.74	73807	105.3	977723	0.816	0.03
P041125A_CC252679_R1_QT_CC185154	m-/p-Xylenes	3	P2502260.D	19.48	153415	105.3	952641	0.870	0.099
P041125A_CC252679_R1_QT_CC185154	m-/p-Xylenes	4	P2502261.D	38.97	310930	105.3	958584	0.876	0.11
P041125A_CC252679_R1_QT_CC185154	m-/p-Xylenes	5	P2502262.D	97.42	591523	105.3	937774	0.682	-0.14
P041125A_CC252679_R1_QT_CC185154	m-/p-Xylenes	6	P2502263.D	194.84	1339681	105.3	950212	0.762	-0.038
P041125A_CC252679_R1_QT_CC185154	m-/p-Xylenes	7	P2502264.D	584.52	3480142	105.3	923104	0.679	-0.14
P041125A_CC252679_R1_QT_CC185154	m-/p-Xylenes	QT		123.29		105.3			
						Avg:	954434	0.792	
						%RSD:	2.2%	10.8%	
P041125A_CC252679_R1_QT_CC185154	o-Xylene	1	P2502258.D	5.08	44039	105.3	981002	0.930	0.12
P041125A_CC252679_R1_QT_CC185154	o-Xylene	2	P2502259.D	10.16	84765	105.3	977723	0.898	0.078
P041125A_CC252679_R1_QT_CC185154	o-Xylene	3	P2502260.D	20.32	174712	105.3	952641	0.950	0.14
P041125A_CC252679_R1_QT_CC185154	o-Xylene	4	P2502261.D	40.64	330869	105.3	958584	0.894	0.073
P041125A_CC252679_R1_QT_CC185154	o-Xylene	5	P2502262.D	101.61	648711	105.3	937774	0.717	-0.14
P041125A_CC252679_R1_QT_CC185154	o-Xylene	6	P2502263.D	203.21	1413541	105.3	950212	0.771	-0.075
P041125A_CC252679_R1_QT_CC185154	o-Xylene	7	P2502264.D	609.64	3599376	105.3	923104	0.673	-0.19
P041125A_CC252679_R1_QT_CC185154	o-Xylene	QT		114.65		105.3			
						Avg:	954434	0.833	
						%RSD:	2.2%	13.3%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679_R1_QT_CC185154	Benzene	ICV	P2502265.D	64.22	465786	90.3	753743	0.869	-3.0%
P041125A_CC252679_R1_QT_CC185154	Toluene	ICV	P2502265.D	76.59	610878	105.3	957560	0.877	-1.1%
P041125A_CC252679_R1_QT_CC185154	Ethylbenzene	ICV	P2502265.D	86.22	753297	105.3	957560	0.961	-7.1%
P041125A_CC252679_R1_QT_CC185154	m-/p-Xylenes	ICV	P2502265.D	89.75	613496	105.3	957560	0.752	-5.1%
P041125A_CC252679_R1_QT_CC185154	o-Xylene	ICV	P2502265.D	88.34	625434	105.3	957560	0.778	-6.6%

M325B PDF Report ver.20250630

Sample Custody

2025GG303



EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

- ☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
 • All TATs Subject to Approval by Enthalpy Analytical, Inc.
 • Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Page # 1 of # 1

Site Name: Irving Searspoint	Client Name: Montrose Air	PO#:
Site Address: 52 Station Ave	Project Number: # 027957	Sample Event #
City: Searspoint	Project Manager: Hwig Brockhu	Sorbent:
State: Maine	Email Address: hwigbrockhu@montrose-env.com	
Zip: 04974	Telephone #: 207.441.0025	

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C 37005	S	7/24/25	815	8/7/25	800	HFB		
2	C 60245	S		825		810			
2	B 50680	D		825		810			
2	B 46098	B		825		810			
3	B 52892	S		835		820			
4	C 57528	S		845		830			
5	B 47185	S		855		840			
6	C 55374	S		905		850			
7	C 59918	S		915		900			
8	C 65292	S		925		910			
8	C 24082	D		925		910			
8	C 34148	B		925		910			
9	C 43725	S		935		920			
10	C 55394	S		945		930			
11	C 43607	S		955		940			
12	B 19700	S		1010		950			
13	B 48031	S		1020		1000			
14	C 61573	S		1030		1010			
15	C 55555	S		1100		1040			
16	C 39244	S		1110		1050			
17	C 61723	S	7/24/25	1120	8/7/25	1100	HFB		

Relinquished By (printed): Hwig Brockhu	Relinquished By (signature): 	Relinquished Date: 8/7/2025	Relinquished Time: 1630
Received By (printed): Kaitlyn Caminiti	Received By (signature): 	Receipt Date: 8/11/2025	Receipt Time: 10:45AM
Sample Condition Upon Receipt: Good	Compound List: #9 stop time 920	Custody Seal Intact? Y/N: Y	Delivery tracking #
Ice Temp: 22.1	Blank Temp: Flucky	Add Custody Seal # below: 24615739	
Comments:			

**This Is The Last Page
Of This Report.**

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 25 Irving Oil - Searsport

Client Project# PROJ-050105

Samples Received: 8/25/2025

Analytical Report 2025GG304

EPA Method 325B Analysis

Report Issue Date: 9/4/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



QA REVIEW PERFORMED BY

Brianna Berry
QA Associate I



Matt Cavanaugh
Matthew.Cavanaugh@enthalpy.com / www.enthalpy.com
O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG304-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on August 25, 2025 at 23.8 °C, which is above the method recommended 23.0 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20250807	C43670	Sample
IRVSEA-2-S-20250807	B27852	Sample
IRVSEA-2-D-20250807	B16991	Duplicate
IRVSEA-2-B-20250807	C36978	Blank
IRVSEA-3-S-20250807	B16975	Sample
IRVSEA-4-S-20250807	B27801	Sample
IRVSEA-5-S-20250807	C53603	Sample
IRVSEA-6-S-20250807	B50669	Sample
IRVSEA-7-S-20250807	C34309	Sample
IRVSEA-8-S-20250807	C37425	Sample
IRVSEA-8-D-20250807	B43918	Duplicate
IRVSEA-8-B-20250807	C43870	Blank
IRVSEA-9-S-20250807	C60208	Sample
IRVSEA-10-S-20250807	C44216	Sample
IRVSEA-11-S-20250807	C40143	Sample
IRVSEA-12-S-20250807	C36989	Sample
IRVSEA-13-S-20250807	B51054	Sample
IRVSEA-14-S-20250807	C40605	Sample
IRVSEA-15-S-20250807	C35786	Sample
IRVSEA-16-S-20250807	B34001	Sample
IRVSEA-17-S-20250807	C38900	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-MTD is not included in this report but may be available upon request.

The sample tube media used for this sampling period was Carboxen. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG304-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (E050525A_CC252679_QT_CC185154) met all 30% RSD criteria. The initial calibration verification met 30% difference criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20250807 (tube ID B27852) and its corresponding duplicate IRVSEA-2-D-20250807 (tube ID B16991) failed to meet the 30% difference criterion for m-/p-Xylenes and Toluene as specified by the method. All samples in the data set have been flagged "P" for m-/p-Xylenes and Toluene to denote this failure.

The primary sample IRVSEA-2-S-20250807 (tube ID B27852) and its corresponding duplicate IRVSEA-2-D-20250807 (tube ID B16991) failed to meet the 30% difference criterion for Ethylbenzene and o-Xylene as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged "Pc" for Ethylbenzene and o-Xylene to denote this failure.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG304-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20250807	C43670	0.699		2.06	P	0.403	J,Pc	1.28	P	0.545	J,Pc
IRVSEA-2-S-20250807	B27852	0.792		2.13	P	0.552	J,Pc	1.20	P	0.499	J,Pc
IRVSEA-2-D-20250807	B16991	1.07		2.91	P	0.780	Pc	1.65	P	0.696	Pc
IRVSEA-2-B-20250807	C36978	0.186	ND	0.240	ND,P	0.271	ND,Pc	0.271	ND,P	0.271	ND,Pc
IRVSEA-3-S-20250807	B16975	1.15		2.63	P	0.708	Pc	1.72	P	0.629	Pc
IRVSEA-4-S-20250807	B27801	0.947		2.30	P	1.08	Pc	2.08	P	0.674	Pc
IRVSEA-5-S-20250807	C53603	0.724		1.88	P	0.763	Pc	1.75	P	0.618	Pc
IRVSEA-6-S-20250807	B50669	1.12		3.58	P	0.893	Pc	2.19	P	0.932	Pc
IRVSEA-7-S-20250807	C34309	2.02		7.49	P	1.46	Pc	5.05	P	1.95	Pc
IRVSEA-8-S-20250807	C37425	3.72		14.7	P	2.62	Pc	8.82	P	3.46	Pc
IRVSEA-8-D-20250807	B43918	3.71		14.9	P	2.70	Pc	9.19	P	3.71	Pc
IRVSEA-8-B-20250807	C43870	0.186	ND	0.250	J,P	0.271	ND,Pc	0.271	ND,P	0.271	ND,Pc
IRVSEA-9-S-20250807	C60208	2.51		9.59	P	1.72	Pc	6.57	P	2.59	Pc
IRVSEA-10-S-20250807	B44216	3.15		11.4	P	2.14	Pc	7.21	P	2.95	Pc
IRVSEA-11-S-20250807	C40143	2.86		9.78	P	1.93	Pc	5.83	P	2.33	Pc
IRVSEA-12-S-20250807	C36989	1.62		5.85	P	1.34	Pc	3.60	P	1.53	Pc
IRVSEA-13-S-20250807	B51054	0.895		2.85	P	0.798	Pc	1.91	P	0.845	Pc
IRVSEA-14-S-20250807	C40605	0.720		2.19	P	1.84	Pc	2.46	P	1.56	Pc
IRVSEA-15-S-20250807	C35786	0.494		1.20	P	0.388	J,Pc	0.688	P	0.282	J,Pc
IRVSEA-16-S-20250807	B34001	0.413		0.843	P	0.316	J,Pc	0.371	J,P	0.271	ND,Pc
IRVSEA-17-S-20250807	C38900	0.461		0.945	P	0.288	J,Pc	0.475	J,P	0.271	ND,Pc

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG304-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250807	C43670	0.699	0.219	9.38	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502961.d	2025-08-27 10:07	1.030	8.102	92678	519889	54.2	8.045	-0.1%
IRVSEA-2-S-20250807	B27852	0.792	0.248	10.6	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502962.d	2025-08-27 10:32	1.030	8.103	104324	516090	54.2	8.045	-0.8%
IRVSEA-2-D-20250807	B16991	1.07	0.336	14.4	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502963.d	2025-08-27 10:56	1.030	8.103	141563	516615	54.2	8.045	-0.7%
IRVSEA-2-B-20250807	C36978	0.186	0.0583		69.7	0.665	20175	0.186	0.368	0.0583	0.115	ND	E2502960.d	2025-08-27 09:42	1.030	8.102	10283	527819	54.2	8.045	1.4%
IRVSEA-3-S-20250807	B16975	1.15	0.360	15.4	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502964.d	2025-08-27 11:21	1.030	8.102	152075	518379	54.2	8.045	-0.4%
IRVSEA-4-S-20250807	B27801	0.947	0.297	12.7	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502965.d	2025-08-27 11:46	1.030	8.102	123840	512395	54.2	8.045	-1.5%
IRVSEA-5-S-20250807	C53603	0.724	0.227	9.71	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502966.d	2025-08-27 12:11	1.030	8.102	95724	518398	54.2	8.045	-0.4%
IRVSEA-6-S-20250807	B50669	1.12	0.350	15.0	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502967.d	2025-08-27 12:36	1.030	8.110	148769	521747	54.2	8.045	0.3%
IRVSEA-7-S-20250807	C34309	2.02	0.634	27.2	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502968.d	2025-08-27 13:00	1.030	8.102	268831	520772	54.2	8.045	0.1%
IRVSEA-8-S-20250807	C37425	3.72	1.16	49.9	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502969.d	2025-08-27 13:25	1.030	8.102	489633	516150	54.2	8.045	-0.8%
IRVSEA-8-D-20250807	B43918	3.71	1.16	49.8	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502970.d	2025-08-27 13:50	1.030	8.102	488896	516219	54.2	8.045	-0.8%
IRVSEA-8-B-20250807	C43870	0.186	0.0583		69.7	0.665	20175	0.186	0.368	0.0583	0.115	ND	E2502972.d	2025-08-27 14:40	1.030	8.103	20324	518702	54.2	8.045	-0.3%
IRVSEA-9-S-20250807	C60208	2.51	0.786	33.7	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502973.d	2025-08-27 15:05	1.030	8.110	334775	522553	54.2	8.045	0.4%
IRVSEA-10-S-20250807	B44216	3.15	0.986	42.3	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502974.d	2025-08-27 15:30	1.030	8.110	417510	519764	54.2	8.045	-0.1%
IRVSEA-11-S-20250807	C40143	2.86	0.897	38.4	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502975.d	2025-08-27 15:55	1.030	8.102	374392	512508	54.2	8.045	-1.5%
IRVSEA-12-S-20250807	C36989	1.62	0.508	21.8	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502976.d	2025-08-27 16:20	1.030	8.110	215086	519390	54.2	8.045	-0.2%
IRVSEA-13-S-20250807	B51054	0.895	0.280	12.0	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502977.d	2025-08-27 16:45	1.030	8.103	119435	522768	54.2	8.045	0.5%
IRVSEA-14-S-20250807	C40605	0.720	0.225	9.67	69.7	0.665	20175	0.186	0.368	0.0583	0.115		E2502978.d	2025-08-27 17:10	1.030	8.102	96199	523590	54.2	8.045	0.6%
IRVSEA-15-S-20250807	C35786	0.494	0.155	6.62	69.7	0.665	20165	0.186	0.368	0.0584	0.115		E2502979.d	2025-08-27 17:35	1.030	8.102	65877	523103	54.2	8.045	0.5%
IRVSEA-16-S-20250807	B34001	0.413	0.129	5.55	69.7	0.665	20165	0.186	0.368	0.0584	0.115		E2502980.d	2025-08-27 18:00	1.030	8.102	55013	521688	54.2	8.045	0.2%
IRVSEA-17-S-20250807	C38900	0.461	0.144	6.18	69.7	0.665	20165	0.186	0.368	0.0584	0.115		E2502981.d	2025-08-27 18:25	1.030	8.102	61788	525610	54.2	8.045	1.0%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250807	C43670	2.06	0.548	21.5	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502961.d	2025-08-27 10:07	1.125	10.846	220697	576637	63.2	10.746	0.9%
IRVSEA-2-S-20250807	B27852	2.13	0.565	22.2	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502962.d	2025-08-27 10:32	1.125	10.846	222190	562501	63.2	10.746	-1.6%
IRVSEA-2-D-20250807	B16991	2.91	0.774	30.4	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502963.d	2025-08-27 10:56	1.125	10.846	304048	562443	63.2	10.746	-1.6%
IRVSEA-2-B-20250807	C36978	0.240	0.0637		69.7	0.516	20175	0.240	0.512	0.0637	0.136	ND,P	E2502960.d	2025-08-27 09:42	1.125	10.839	13903	573152	63.2	10.746	0.3%
IRVSEA-3-S-20250807	B16975	2.63	0.699	27.4	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502964.d	2025-08-27 11:21	1.125	10.846	272689	558347	63.2	10.746	-2.3%
IRVSEA-4-S-20250807	B27801	2.30	0.609	23.9	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502965.d	2025-08-27 11:46	1.125	10.846	261180	613254	63.2	10.746	7.3%
IRVSEA-5-S-20250807	C53603	1.88	0.500	19.6	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502966.d	2025-08-27 12:11	1.125	10.846	198470	567751	63.2	10.745	-0.6%
IRVSEA-6-S-20250807	B50669	3.58	0.950	37.3	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502967.d	2025-08-27 12:36	1.125	10.846	379328	571146	63.2	10.746	0.0%
IRVSEA-7-S-20250807	C34309	7.49	1.99	78.0	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502968.d	2025-08-27 13:00	1.125	10.846	793715	571111	63.2	10.746	0.0%
IRVSEA-8-S-20250807	C37425	14.7	3.89	153	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502969.d	2025-08-27 13:25	1.125	10.846	1535664	564554	63.2	10.745	-1.2%
IRVSEA-8-D-20250807	B43918	14.9	3.96	155	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502970.d	2025-08-27 13:50	1.125	10.846	1558976	563669	63.2	10.746	-1.3%
IRVSEA-8-B-20250807	C43870	0.250	0.0663	2.60	69.7	0.516	20175	0.240	0.512	0.0637	0.136	J,P	E2502972.d	2025-08-27 14:40	1.125	10.839	26278	567439	63.2	10.746	-0.7%
IRVSEA-9-S-20250807	C60208	9.59	2.55	100.0	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502973.d	2025-08-27 15:05	1.125	10.846	1009448	567129	63.2	10.746	-0.7%
IRVSEA-10-S-20250807	B44216	11.4	3.02	118	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502974.d	2025-08-27 15:30	1.125	10.846	1190800	564515	63.2	10.746	-1.2%
IRVSEA-11-S-20250807	C40143	9.78	2.60	102	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502975.d	2025-08-27 15:55	1.125	10.846	1038988	572393	63.2	10.745	0.2%
IRVSEA-12-S-20250807	C36989	5.85	1.55	60.9	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502976.d	2025-08-27 16:20	1.125	10.846	609287	561527	63.2	10.746	-1.7%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG304-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20250807	B51054	2.85	0.756	29.7	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502977.d	2025-08-27 16:45	1.125	10.846	299378	566454	63.2	10.746	-0.9%
IRVSEA-14-S-20250807	C40605	2.19	0.580	22.8	69.7	0.516	20175	0.240	0.512	0.0637	0.136	P	E2502978.d	2025-08-27 17:10	1.125	10.846	233750	576416	63.2	10.746	0.9%
IRVSEA-15-S-20250807	C35786	1.20	0.319	12.5	69.7	0.516	20165	0.240	0.513	0.0637	0.136	P	E2502979.d	2025-08-27 17:35	1.125	10.846	127908	574266	63.2	10.746	0.5%
IRVSEA-16-S-20250807	B34001	0.843	0.224	8.78	69.7	0.516	20165	0.240	0.513	0.0637	0.136	P	E2502980.d	2025-08-27 18:00	1.125	10.846	88513	566137	63.2	10.746	-0.9%
IRVSEA-17-S-20250807	C38900	0.945	0.251	9.84	69.7	0.516	20165	0.240	0.513	0.0637	0.136	P	E2502981.d	2025-08-27 18:25	1.125	10.846	100681	574282	63.2	10.746	0.5%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250807	C43670	0.403	0.0928	3.71	69.7	0.457	20175	0.271	0.557	0.0625	0.128	J,Pc	E2502961.d	2025-08-27 10:07	1.114	13.031	37734	576637	63.2	10.746	0.9%
IRVSEA-2-S-20250807	B27852	0.552	0.127	5.09	69.7	0.457	20175	0.271	0.557	0.0625	0.128	J,Pc	E2502962.d	2025-08-27 10:32	1.114	13.031	50423	562501	63.2	10.746	-1.6%
IRVSEA-2-D-20250807	B16991	0.780	0.180	7.19	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502963.d	2025-08-27 10:56	1.114	13.031	71247	562443	63.2	10.746	-1.6%
IRVSEA-2-B-20250807	C36978	0.271	0.0625		69.7	0.457	20175	0.271	0.557	0.0625	0.128	ND,Pc	E2502960.d	2025-08-27 09:42	1.114	13.031	4280	573152	63.2	10.746	0.3%
IRVSEA-3-S-20250807	B16975	0.708	0.163	6.52	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502964.d	2025-08-27 11:21	1.114	13.031	64196	558347	63.2	10.746	-2.3%
IRVSEA-4-S-20250807	B27801	1.08	0.249	9.94	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502965.d	2025-08-27 11:46	1.114	13.031	107473	613254	63.2	10.746	7.3%
IRVSEA-5-S-20250807	C53603	0.763	0.176	7.03	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502966.d	2025-08-27 12:11	1.114	13.031	70359	567751	63.2	10.745	-0.6%
IRVSEA-6-S-20250807	B50669	0.893	0.206	8.23	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502967.d	2025-08-27 12:36	1.114	13.031	82835	571146	63.2	10.746	0.0%
IRVSEA-7-S-20250807	C34309	1.46	0.337	13.5	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502968.d	2025-08-27 13:00	1.114	13.031	135789	571111	63.2	10.746	0.0%
IRVSEA-8-S-20250807	C37425	2.62	0.604	24.2	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502969.d	2025-08-27 13:25	1.114	13.030	240389	564554	63.2	10.745	-1.2%
IRVSEA-8-D-20250807	B43918	2.70	0.622	24.9	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502970.d	2025-08-27 13:50	1.114	13.031	247284	563669	63.2	10.746	-1.3%
IRVSEA-8-B-20250807	C43870	0.271	0.0625		69.7	0.457	20175	0.271	0.557	0.0625	0.128	ND,Pc	E2502972.d	2025-08-27 14:40	1.114	13.031	7723	567439	63.2	10.746	-0.7%
IRVSEA-9-S-20250807	C60208	1.72	0.396	15.8	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502973.d	2025-08-27 15:05	1.114	13.031	158218	567129	63.2	10.746	-0.7%
IRVSEA-10-S-20250807	B44216	2.14	0.493	19.7	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502974.d	2025-08-27 15:30	1.114	13.031	196277	564515	63.2	10.746	-1.2%
IRVSEA-11-S-20250807	C40143	1.93	0.446	17.8	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502975.d	2025-08-27 15:55	1.114	13.030	179804	572393	63.2	10.745	0.2%
IRVSEA-12-S-20250807	C36989	1.34	0.310	12.4	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502976.d	2025-08-27 16:20	1.114	13.031	122608	561527	63.2	10.746	-1.7%
IRVSEA-13-S-20250807	B51054	0.798	0.184	7.35	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502977.d	2025-08-27 16:45	1.114	13.031	73419	566454	63.2	10.746	-0.9%
IRVSEA-14-S-20250807	C40605	1.84	0.424	16.9	69.7	0.457	20175	0.271	0.557	0.0625	0.128	Pc	E2502978.d	2025-08-27 17:10	1.114	13.031	172178	576416	63.2	10.746	0.9%
IRVSEA-15-S-20250807	C35786	0.388	0.0893	3.57	69.7	0.457	20165	0.271	0.557	0.0625	0.128	J,Pc	E2502979.d	2025-08-27 17:35	1.114	13.031	36145	574266	63.2	10.746	0.5%
IRVSEA-16-S-20250807	B34001	0.316	0.0729	2.91	69.7	0.457	20165	0.271	0.557	0.0625	0.128	J,Pc	E2502980.d	2025-08-27 18:00	1.114	13.031	29066	566137	63.2	10.746	-0.9%
IRVSEA-17-S-20250807	C38900	0.288	0.0664	2.65	69.7	0.457	20165	0.271	0.557	0.0625	0.128	J,Pc	E2502981.d	2025-08-27 18:25	1.114	13.031	26871	574282	63.2	10.746	0.5%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250807	C43670	1.28	0.294	11.8	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502961.d	2025-08-27 10:07	0.789	13.210	84814	576637	63.2	10.746	0.9%
IRVSEA-2-S-20250807	B27852	1.20	0.275	11.0	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502962.d	2025-08-27 10:32	0.789	13.210	77395	562501	63.2	10.746	-1.6%
IRVSEA-2-D-20250807	B16991	1.65	0.380	15.2	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502963.d	2025-08-27 10:56	0.789	13.210	106682	562443	63.2	10.746	-1.6%
IRVSEA-2-B-20250807	C36978	0.271	0.0625		69.7	0.457	20175	0.271	0.526	0.0625	0.121	ND,P	E2502960.d	2025-08-27 09:42	0.789	13.203	1671	573152	63.2	10.746	0.3%
IRVSEA-3-S-20250807	B16975	1.72	0.396	15.8	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502964.d	2025-08-27 11:21	0.789	13.210	110427	558347	63.2	10.746	-2.3%
IRVSEA-4-S-20250807	B27801	2.08	0.478	19.1	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502965.d	2025-08-27 11:46	0.789	13.210	146597	613254	63.2	10.746	7.3%
IRVSEA-5-S-20250807	C53603	1.75	0.404	16.1	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502966.d	2025-08-27 12:11	0.789	13.210	114519	567751	63.2	10.745	-0.6%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG304-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20250807	B50669	2.19	0.506	20.2	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502967.d	2025-08-27 12:36	0.789	13.210	144249	571146	63.2	10.746	0.0%
IRVSEA-7-S-20250807	C34309	5.05	1.16	46.5	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502968.d	2025-08-27 13:00	0.789	13.210	331770	571111	63.2	10.746	0.0%
IRVSEA-8-S-20250807	C37425	8.82	2.03	81.3	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502969.d	2025-08-27 13:25	0.789	13.209	573030	564554	63.2	10.745	-1.2%
IRVSEA-8-D-20250807	B43918	9.19	2.12	84.7	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502970.d	2025-08-27 13:50	0.789	13.210	596455	563669	63.2	10.746	-1.3%
IRVSEA-8-B-20250807	C43870	0.271	0.0625		69.7	0.457	20175	0.271	0.526	0.0625	0.121	ND,P	E2502972.d	2025-08-27 14:40	0.789	13.210	5438	567439	63.2	10.746	-0.7%
IRVSEA-9-S-20250807	C60208	6.57	1.51	60.6	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502973.d	2025-08-27 15:05	0.789	13.210	429141	567129	63.2	10.746	-0.7%
IRVSEA-10-S-20250807	B44216	7.21	1.66	66.4	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502974.d	2025-08-27 15:30	0.789	13.210	468541	564515	63.2	10.746	-1.2%
IRVSEA-11-S-20250807	C40143	5.83	1.34	53.8	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502975.d	2025-08-27 15:55	0.789	13.210	384449	572393	63.2	10.745	0.2%
IRVSEA-12-S-20250807	C36989	3.60	0.830	33.2	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502976.d	2025-08-27 16:20	0.789	13.210	232885	561527	63.2	10.746	-1.7%
IRVSEA-13-S-20250807	B51054	1.91	0.440	17.6	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502977.d	2025-08-27 16:45	0.789	13.210	124487	566454	63.2	10.746	-0.9%
IRVSEA-14-S-20250807	C40605	2.46	0.567	22.7	69.7	0.457	20175	0.271	0.526	0.0625	0.121	P	E2502978.d	2025-08-27 17:10	0.789	13.210	163291	576416	63.2	10.746	0.9%
IRVSEA-15-S-20250807	C35786	0.688	0.158	6.34	69.7	0.457	20165	0.271	0.526	0.0625	0.121	P	E2502979.d	2025-08-27 17:35	0.789	13.210	45449	574266	63.2	10.746	0.5%
IRVSEA-16-S-20250807	B34001	0.371	0.0854	3.41	69.7	0.457	20165	0.271	0.526	0.0625	0.121	J,P	E2502980.d	2025-08-27 18:00	0.789	13.210	24140	566137	63.2	10.746	-0.9%
IRVSEA-17-S-20250807	C38900	0.475	0.109	4.37	69.7	0.457	20165	0.271	0.526	0.0625	0.121	J,P	E2502981.d	2025-08-27 18:25	0.789	13.210	31358	574282	63.2	10.746	0.5%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250807	C43670	0.545	0.126	5.02	69.7	0.457	20175	0.271	0.548	0.0625	0.126	J,Pc	E2502961.d	2025-08-27 10:07	0.781	13.711	35788	576637	63.2	10.746	0.9%
IRVSEA-2-S-20250807	B27852	0.499	0.115	4.60	69.7	0.457	20175	0.271	0.548	0.0625	0.126	J,Pc	E2502962.d	2025-08-27 10:32	0.781	13.711	31980	562501	63.2	10.746	-1.6%
IRVSEA-2-D-20250807	B16991	0.696	0.160	6.42	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502963.d	2025-08-27 10:56	0.781	13.711	44627	562443	63.2	10.746	-1.6%
IRVSEA-2-B-20250807	C36978	0.271	0.0625		69.7	0.457	20175	0.271	0.548	0.0625	0.126	ND,Pc	E2502960.d	2025-08-27 09:42	0.781	13.711	702	573152	63.2	10.746	0.3%
IRVSEA-3-S-20250807	B16975	0.629	0.145	5.79	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502964.d	2025-08-27 11:21	0.781	13.711	39994	558347	63.2	10.746	-2.3%
IRVSEA-4-S-20250807	B27801	0.674	0.155	6.21	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502965.d	2025-08-27 11:46	0.781	13.711	47108	613254	63.2	10.746	7.3%
IRVSEA-5-S-20250807	C53603	0.618	0.142	5.70	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502966.d	2025-08-27 12:11	0.781	13.711	39987	567751	63.2	10.745	-0.6%
IRVSEA-6-S-20250807	B50669	0.932	0.215	8.59	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502967.d	2025-08-27 12:36	0.781	13.711	60639	571146	63.2	10.746	0.0%
IRVSEA-7-S-20250807	C34309	1.95	0.449	17.9	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502968.d	2025-08-27 13:00	0.781	13.711	126663	571111	63.2	10.746	0.0%
IRVSEA-8-S-20250807	C37425	3.46	0.798	31.9	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502969.d	2025-08-27 13:25	0.781	13.711	222887	564554	63.2	10.745	-1.2%
IRVSEA-8-D-20250807	B43918	3.71	0.855	34.2	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502970.d	2025-08-27 13:50	0.781	13.711	238249	563669	63.2	10.746	-1.3%
IRVSEA-8-B-20250807	C43870	0.271	0.0625		69.7	0.457	20175	0.271	0.548	0.0625	0.126	ND,Pc	E2502972.d	2025-08-27 14:40	0.781	13.711	3209	567439	63.2	10.746	-0.7%
IRVSEA-9-S-20250807	C60208	2.59	0.597	23.9	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502973.d	2025-08-27 15:05	0.781	13.711	167390	567129	63.2	10.746	-0.7%
IRVSEA-10-S-20250807	B44216	2.95	0.679	27.1	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502974.d	2025-08-27 15:30	0.781	13.711	189438	564515	63.2	10.746	-1.2%
IRVSEA-11-S-20250807	C40143	2.33	0.537	21.5	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502975.d	2025-08-27 15:55	0.781	13.711	151997	572393	63.2	10.745	0.2%
IRVSEA-12-S-20250807	C36989	1.53	0.353	14.1	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502976.d	2025-08-27 16:20	0.781	13.711	98111	561527	63.2	10.746	-1.7%
IRVSEA-13-S-20250807	B51054	0.845	0.195	7.79	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502977.d	2025-08-27 16:45	0.781	13.711	54561	566454	63.2	10.746	-0.9%
IRVSEA-14-S-20250807	C40605	1.56	0.361	14.4	69.7	0.457	20175	0.271	0.548	0.0625	0.126	Pc	E2502978.d	2025-08-27 17:10	0.781	13.711	102753	576416	63.2	10.746	0.9%
IRVSEA-15-S-20250807	C35786	0.282	0.0650	2.60	69.7	0.457	20165	0.271	0.549	0.0625	0.126	J,Pc	E2502979.d	2025-08-27 17:35	0.781	13.711	18453	574266	63.2	10.746	0.5%
IRVSEA-16-S-20250807	B34001	0.271	0.0625		69.7	0.457	20165	0.271	0.549	0.0625	0.126	ND,Pc	E2502980.d	2025-08-27 18:00	0.781	13.711	10607	566137	63.2	10.746	-0.9%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG304-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20250807	C38900	0.271	0.0625		69.7	0.457	20165	0.271	0.549	0.0625	0.126	ND,Pc	E2502981.d	2025-08-27 18:25	0.781	13.711	13166	574282	63.2	10.746	0.5%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG304-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20250807	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20250807	ND	Pass	0.250	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20250807	30%	Pass	31%	Fail	34%	Fail	32%	Fail	33%	Fail
	IRVSEA-8-D-20250807	0.16%	Pass	1.7%	Pass	3.0%	Pass	4.2%	Pass	6.8%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG304-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	E2502958.d	C57551	Cal	1.030		1.030	17%	0.63%		Pass	
2025GG304 Method Blank-1	E2502959.d	C35744	Blank			1.030			3.0%	Pass	ND
M325B CCV 5	E2502971.d	C36864	Check	0.965		1.030	10%		1.7%	Pass	
M325B CCV 5	E2502982.d	C69751	Check	0.975		1.030	11%		1.4%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	E2502958.d	C57551	Cal	1.125		1.125	14%	5.1%		Pass	
2025GG304 Method Blank-1	E2502959.d	C35744	Blank			1.125			4.4%	Pass	ND
M325B CCV 5	E2502971.d	C36864	Check	1.097		1.125	11%		1.9%	Pass	
M325B CCV 5	E2502982.d	C69751	Check	1.098		1.125	11%		10%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	E2502958.d	C57551	Cal	1.114		1.114	-6.8%	5.1%		Pass	
2025GG304 Method Blank-1	E2502959.d	C35744	Blank			1.114			4.4%	Pass	ND
M325B CCV 5	E2502971.d	C36864	Check	1.179		1.114	-1.3%		1.9%	Pass	
M325B CCV 5	E2502982.d	C69751	Check	1.078		1.114	-9.8%		10%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	E2502958.d	C57551	Cal	0.789		0.789	-24%	5.1%		Pass	
2025GG304 Method Blank-1	E2502959.d	C35744	Blank			0.789			4.4%	Pass	ND
M325B CCV 5	E2502971.d	C36864	Check	0.837		0.789	-19%		1.9%	Pass	
M325B CCV 5	E2502982.d	C69751	Check	0.795		0.789	-23%		10%	Pass	

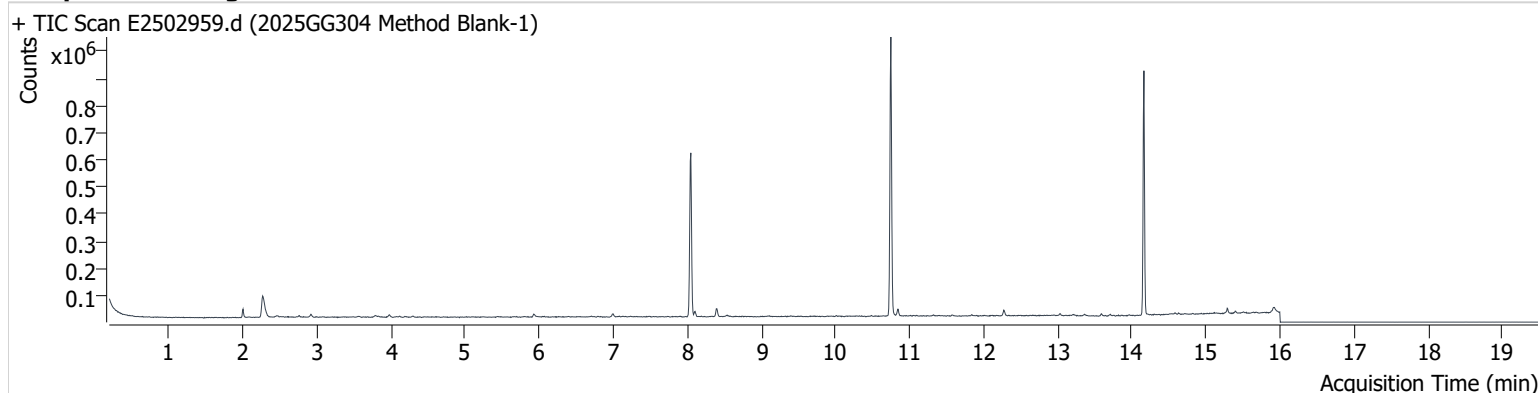
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	E2502958.d	C57551	Cal	0.781		0.781	-18%	5.1%		Pass	
2025GG304 Method Blank-1	E2502959.d	C35744	Blank			0.781			4.4%	Pass	ND
M325B CCV 5	E2502971.d	C36864	Check	0.849		0.781	-11%		1.9%	Pass	
M325B CCV 5	E2502982.d	C69751	Check	0.802		0.781	-16%		10%	Pass	

Chromatograms

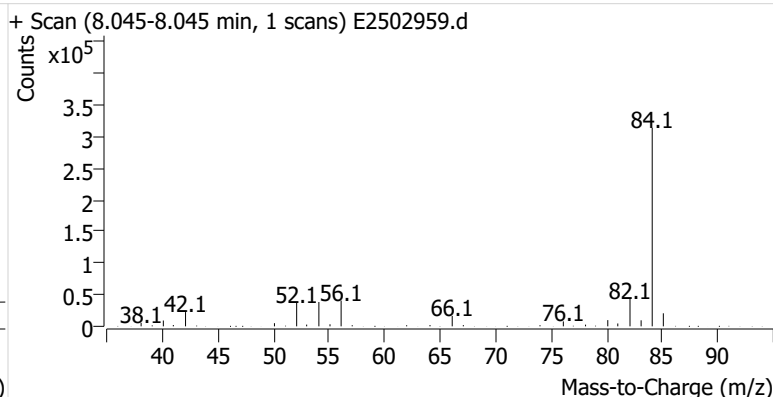
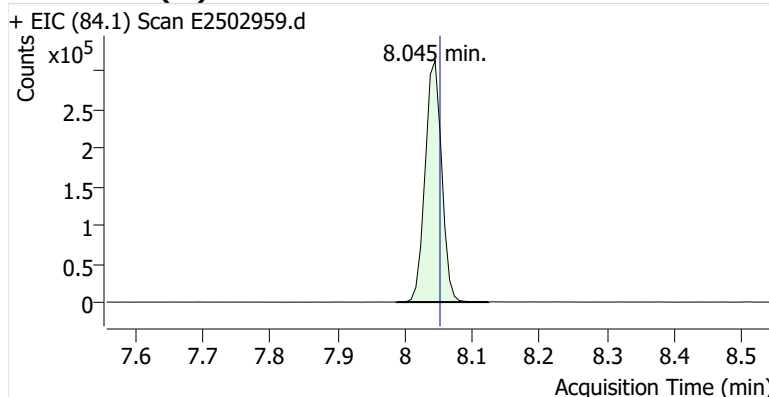
Name 2025GG304 Method Blank-1
Comment C35744; Recollect
Data File E2502959.d
Acq. Date-Time 8/27/2025 9:17:59 AM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

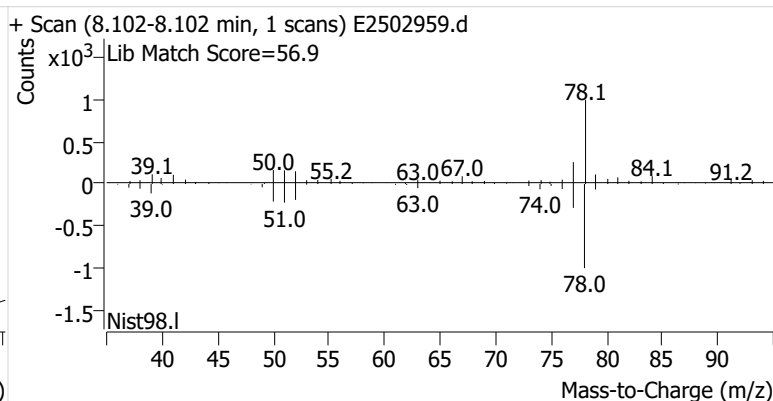
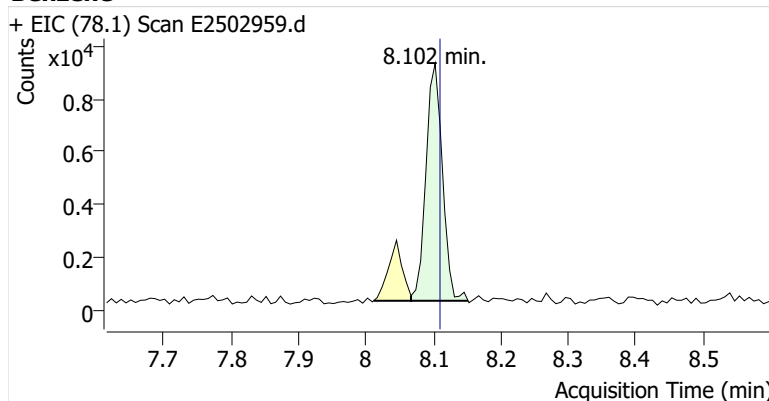


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	536,099	
Benzene	benzene-d6 (IS)	8.102	8.110	15,106	
Toluene-d8 (IS)		10.746	10.753	596,542	
Toluene	Toluene-d8 (IS)	10.839	10.846	15,630	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	4,224	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	2,512	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	1,704	

benzene-d6 (IS)

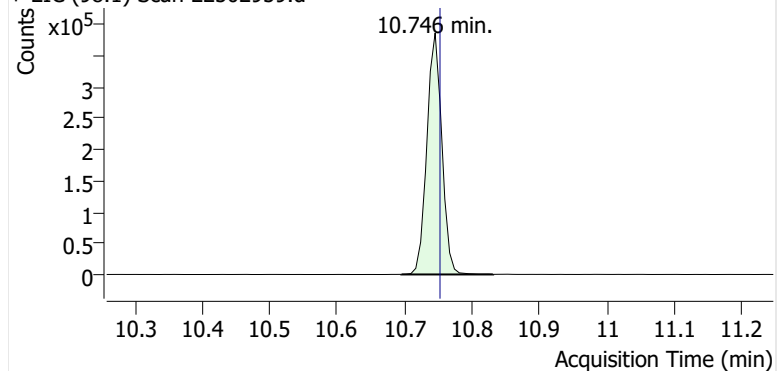


Benzene

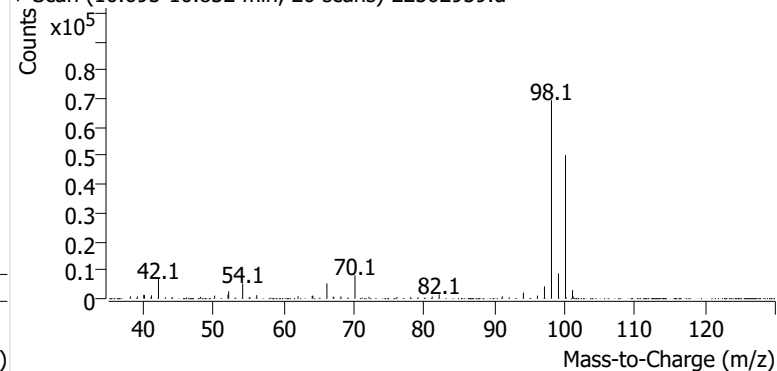


Toluene-d8 (IS)

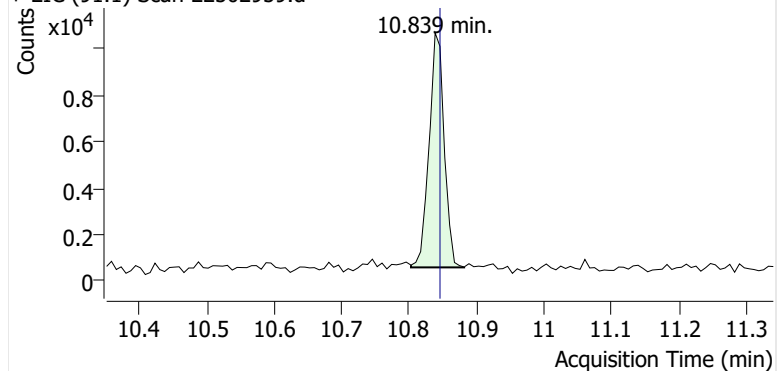
+ EIC (98.1) Scan E2502959.d



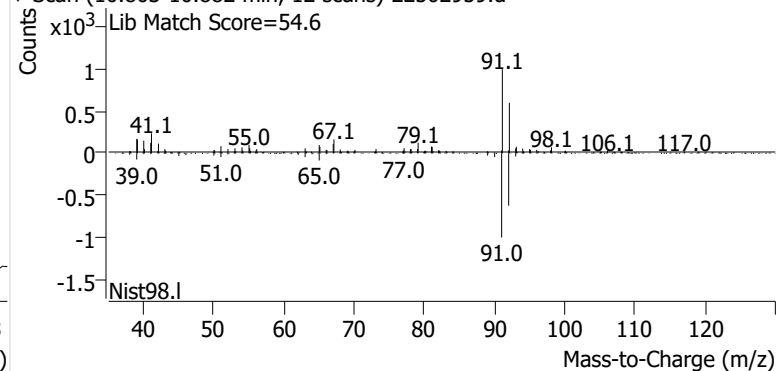
+ Scan (10.695-10.832 min, 20 scans) E2502959.d

**Toluene**

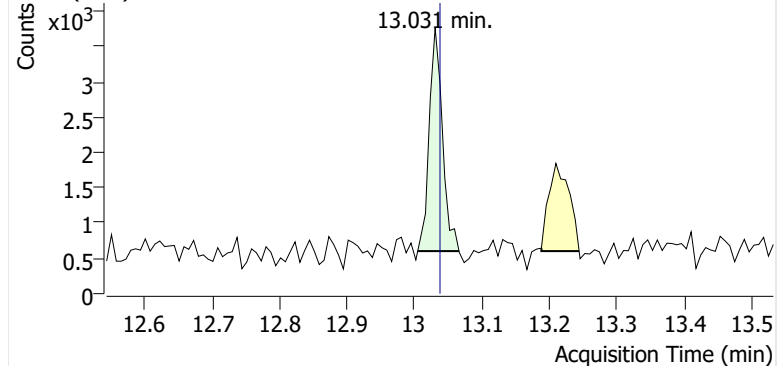
+ EIC (91.1) Scan E2502959.d



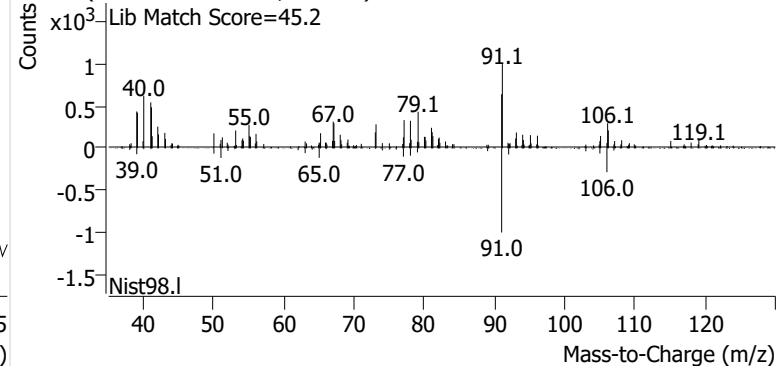
+ Scan (10.803-10.882 min, 12 scans) E2502959.d

**Ethylbenzene**

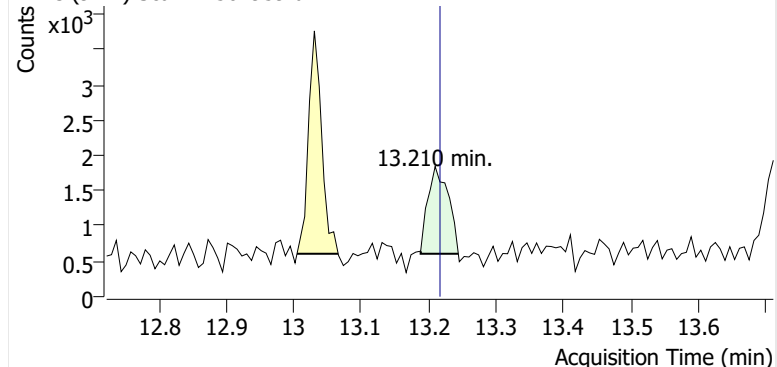
+ EIC (91.1) Scan E2502959.d



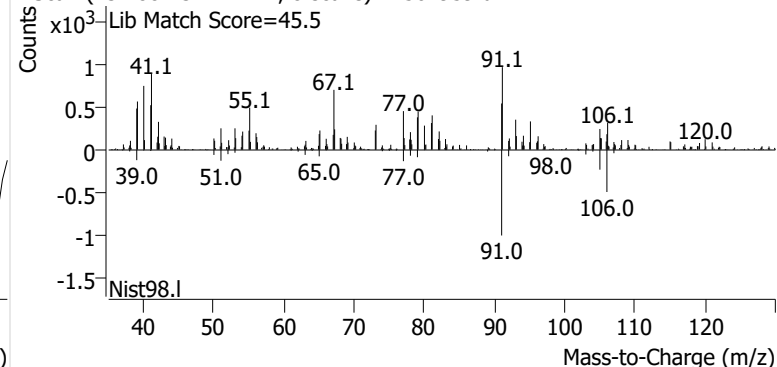
+ Scan (13.005-13.066 min, 8 scans) E2502959.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502959.d

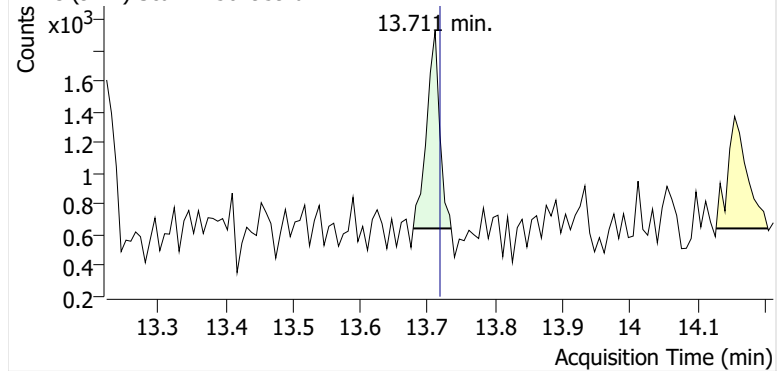


+ Scan (13.188-13.244 min, 8 scans) E2502959.d

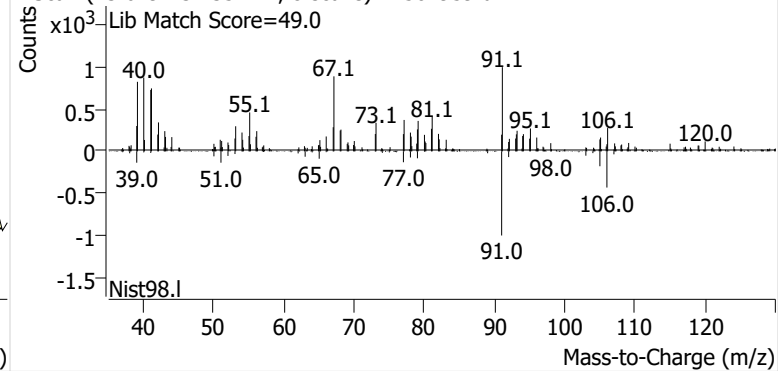


o-Xylene

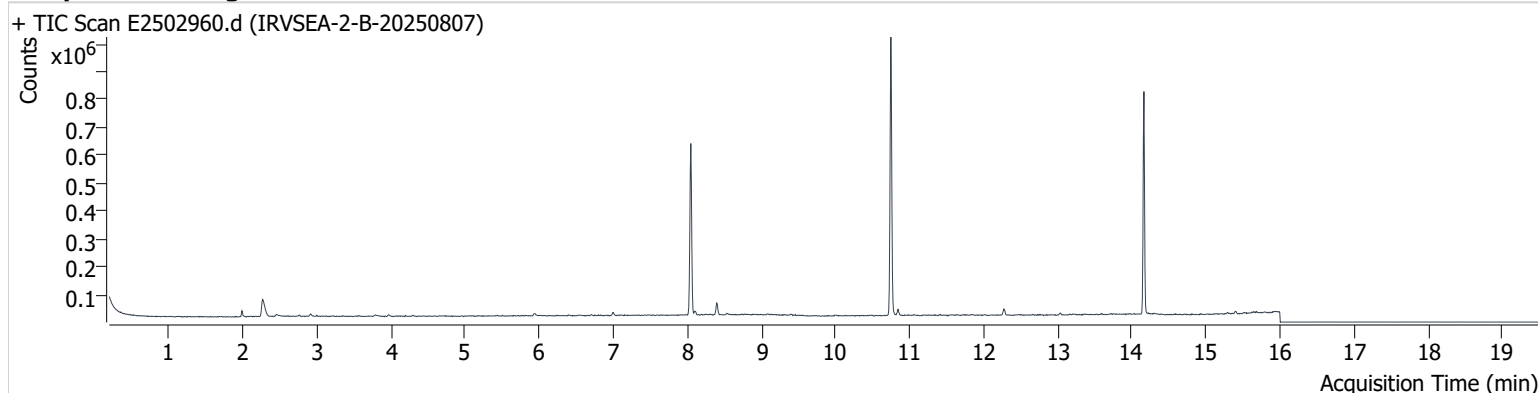
+ EIC (91.1) Scan E2502959.d



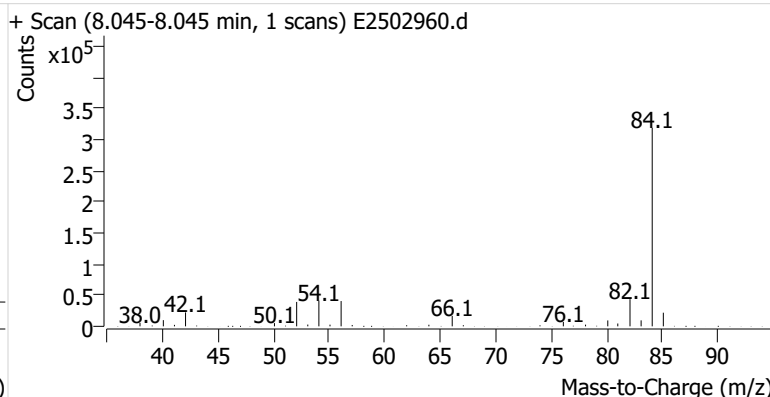
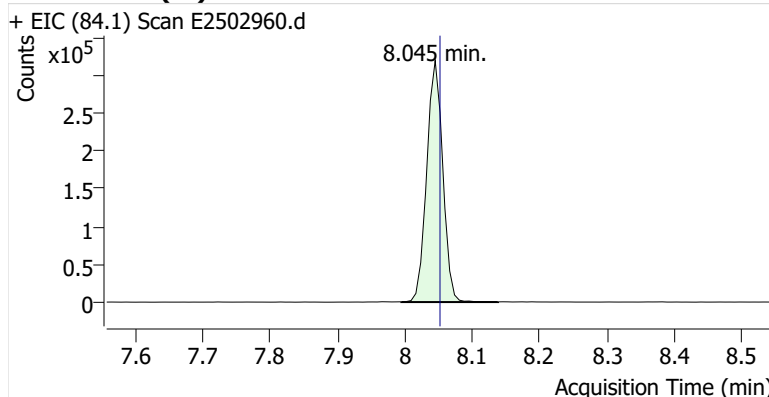
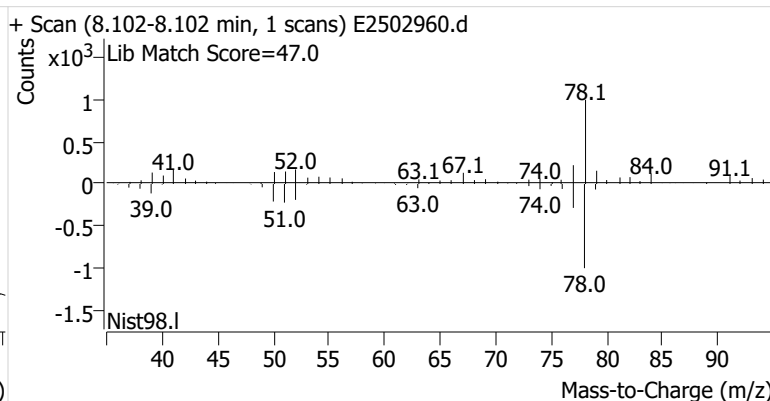
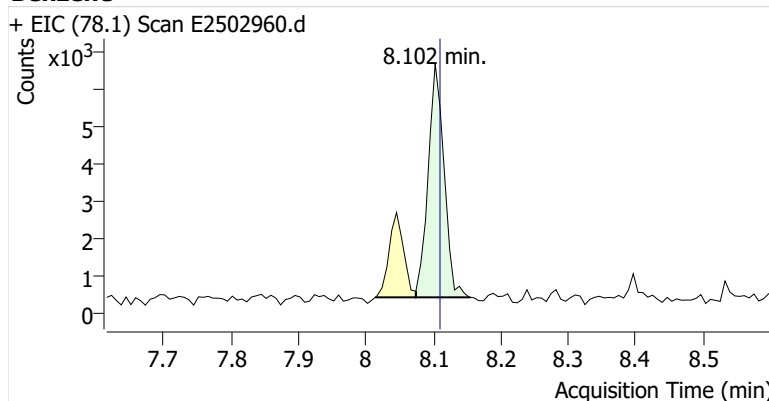
+ Scan (13.679-13.735 min, 8 scans) E2502959.d



Name IRVSEA-2-B-20250807
Comment C36978; Recollect
Data File E2502960.d
Acq. Date-Time 8/27/2025 9:42:32 AM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

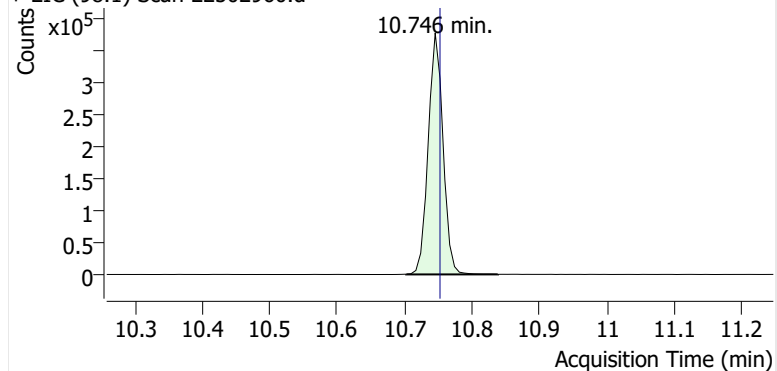
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	527,819	
Benzene	benzene-d6 (IS)	8.102	8.110	10,283	
Toluene-d8 (IS)		10.746	10.753	573,152	
Toluene	Toluene-d8 (IS)	10.839	10.846	13,903	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	4,280	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	1,671	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	702	

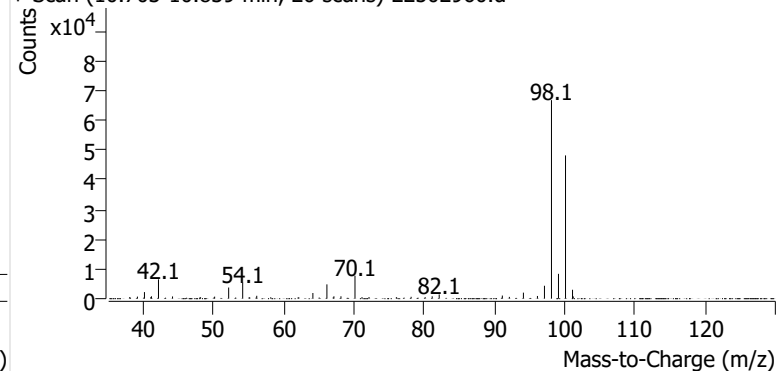
benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

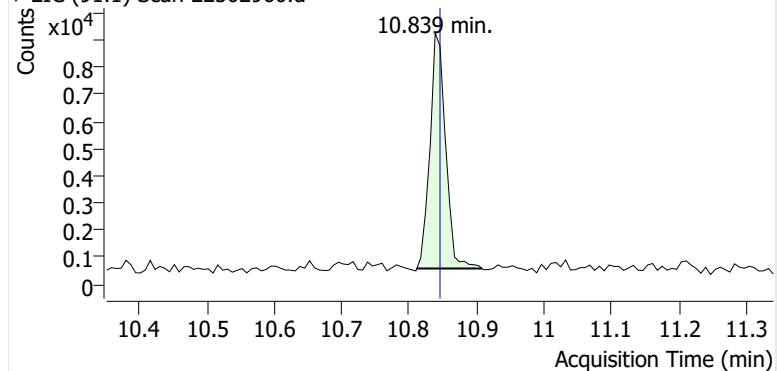
+ EIC (98.1) Scan E2502960.d



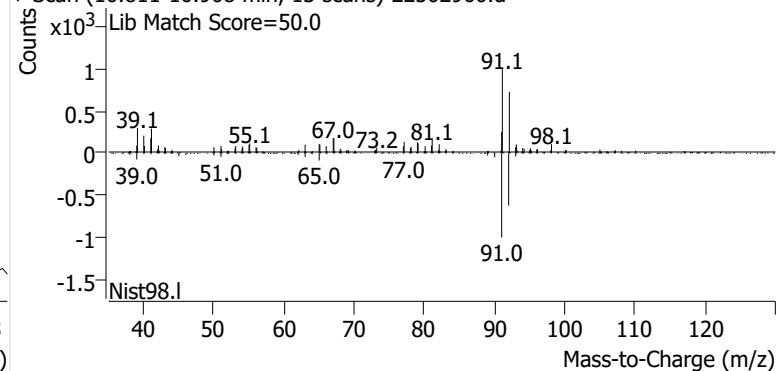
+ Scan (10.703-10.839 min, 20 scans) E2502960.d

**Toluene**

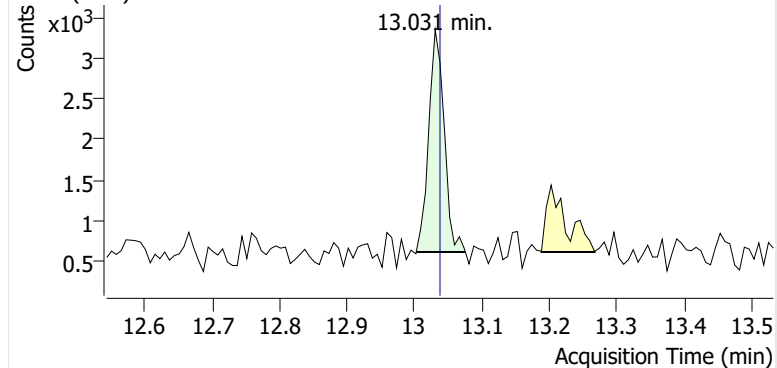
+ EIC (91.1) Scan E2502960.d



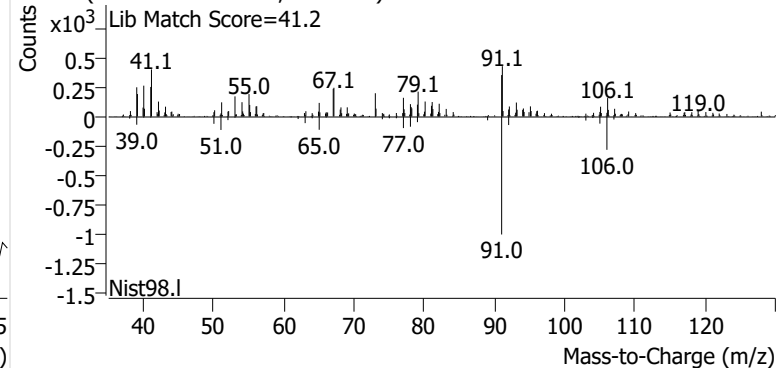
+ Scan (10.811-10.908 min, 13 scans) E2502960.d

**Ethylbenzene**

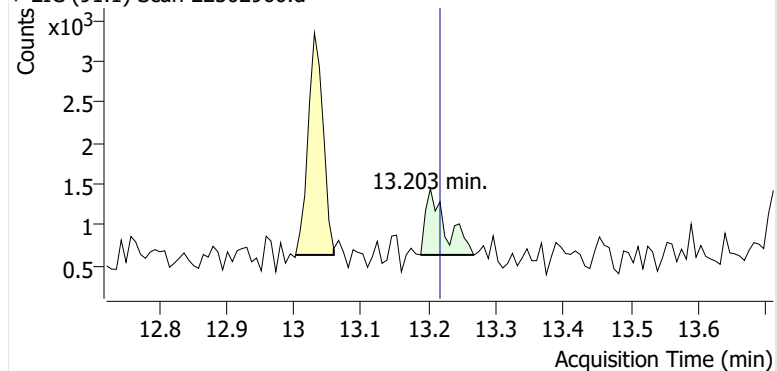
+ EIC (91.1) Scan E2502960.d



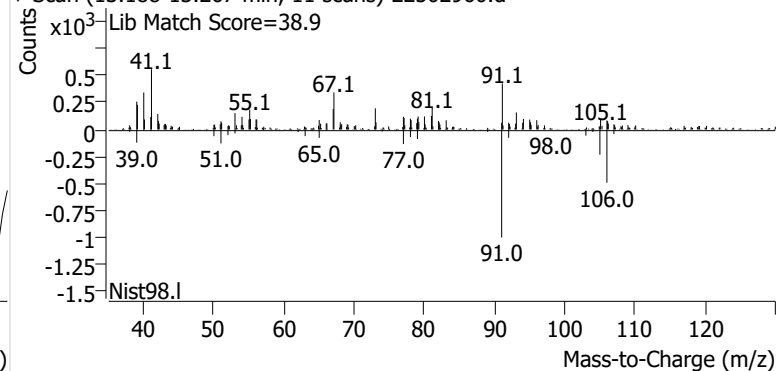
+ Scan (13.003-13.075 min, 10 scans) E2502960.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502960.d

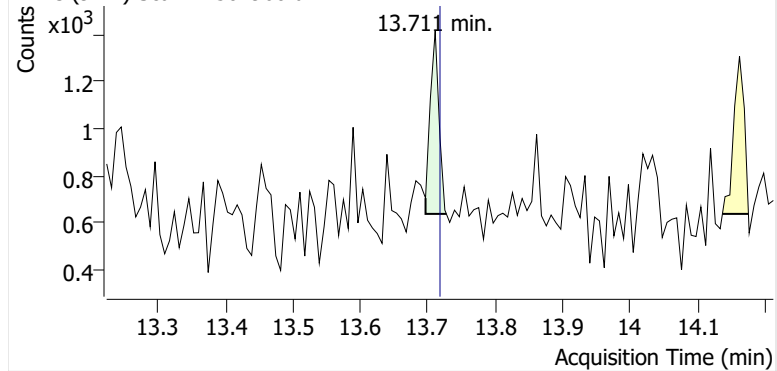


+ Scan (13.188-13.267 min, 11 scans) E2502960.d

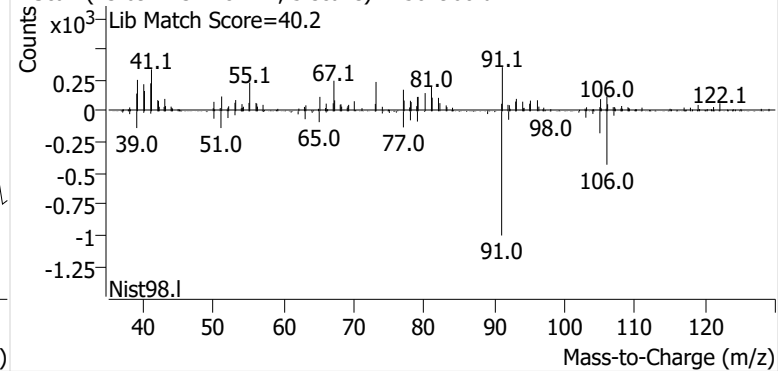


o-Xylene

+ EIC (91.1) Scan E2502960.d

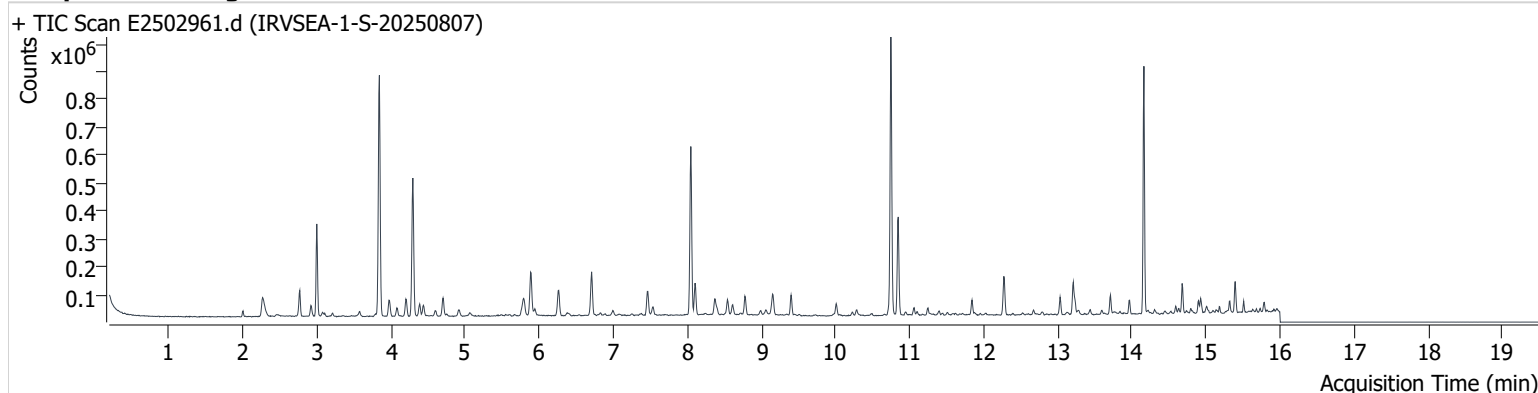


+ Scan (13.697-13.728 min, 5 scans) E2502960.d



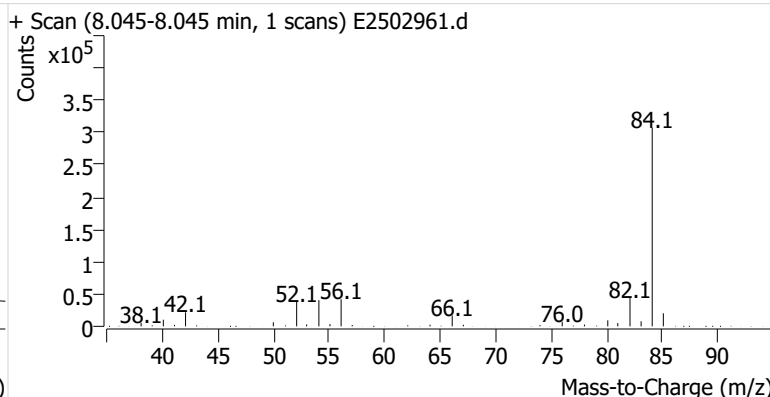
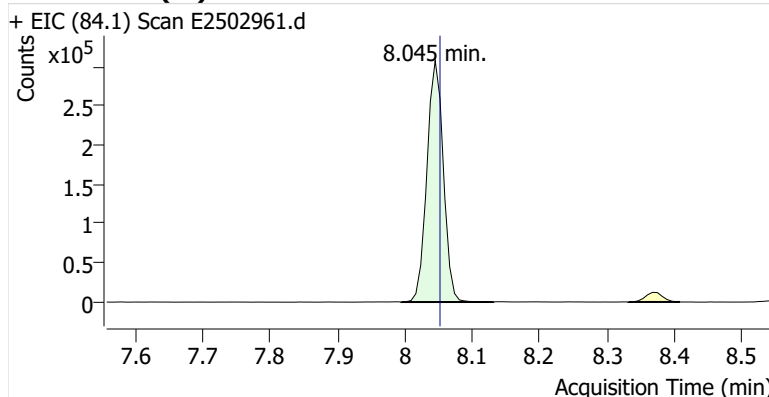
Name IRVSEA-1-S-20250807
Comment C43670; Recollect
Data File E2502961.d
Acq. Date-Time 8/27/2025 10:07:19 AM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

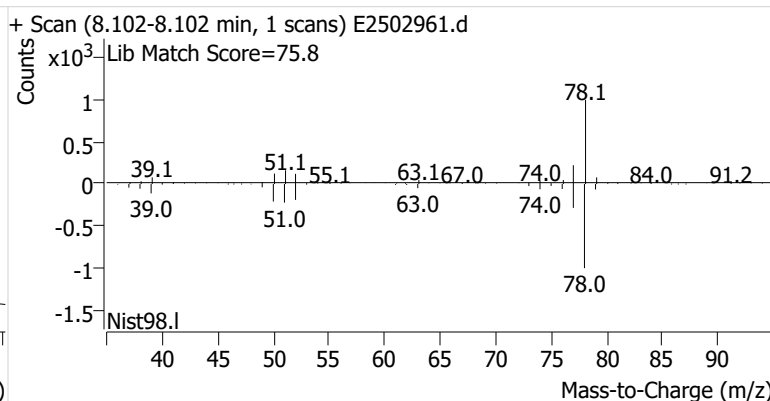
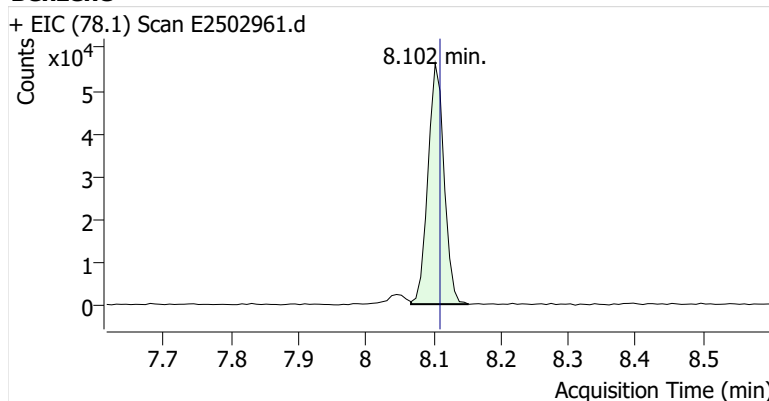


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	519,889	
Benzene	benzene-d6 (IS)	8.102	8.110	92,678	
Toluene-d8 (IS)		10.746	10.753	576,637	
Toluene	Toluene-d8 (IS)	10.846	10.846	220,697	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	37,734	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	84,814	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	35,788	

benzene-d6 (IS)

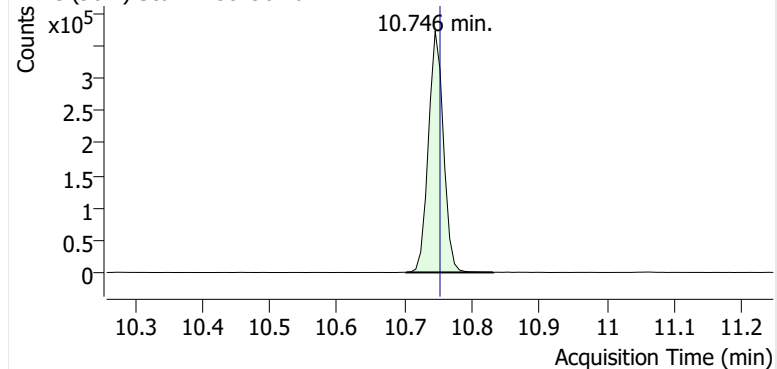


Benzene

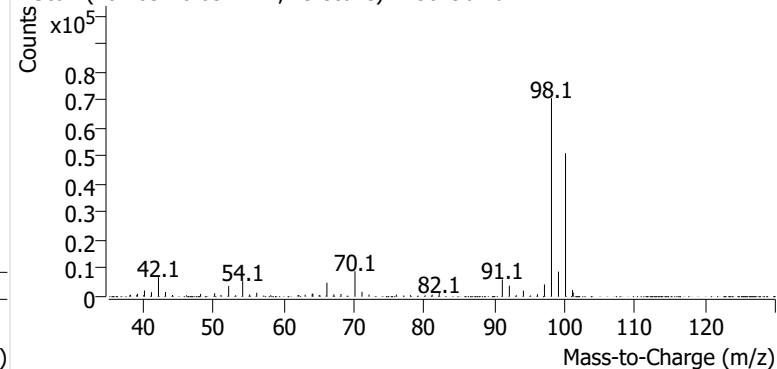


Toluene-d8 (IS)

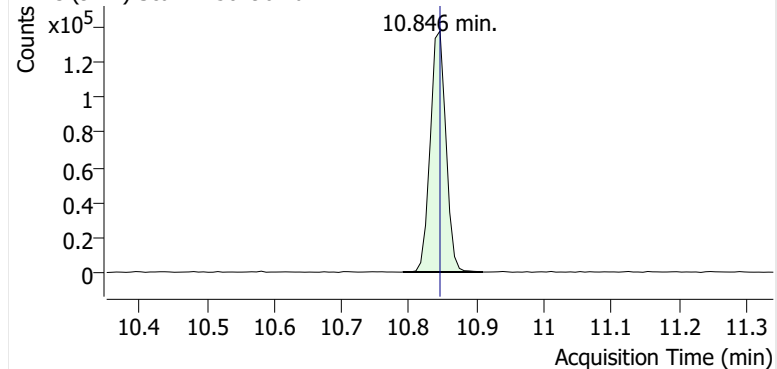
+ EIC (98.1) Scan E2502961.d



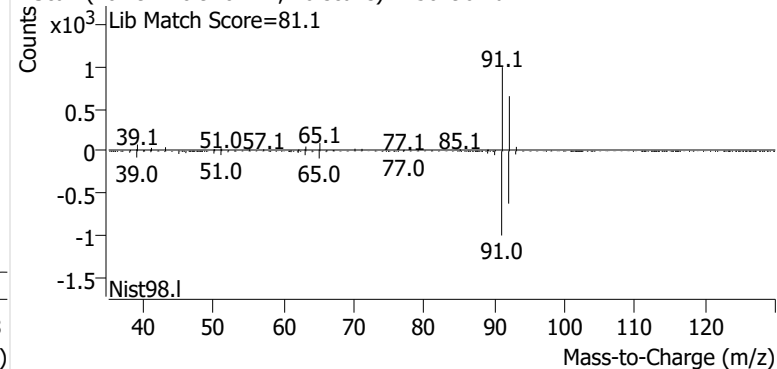
+ Scan (10.703-10.832 min, 19 scans) E2502961.d

**Toluene**

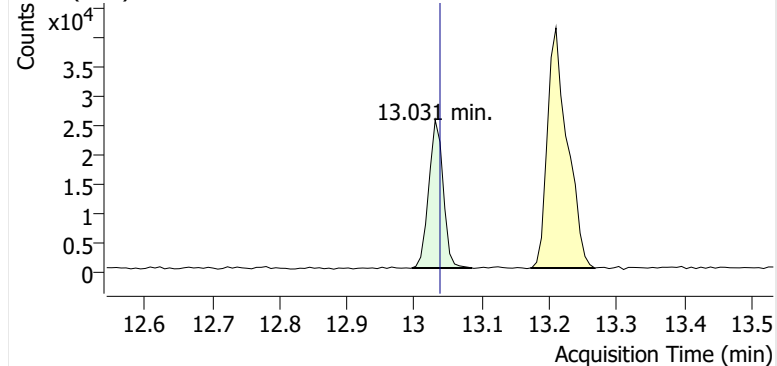
+ EIC (91.1) Scan E2502961.d



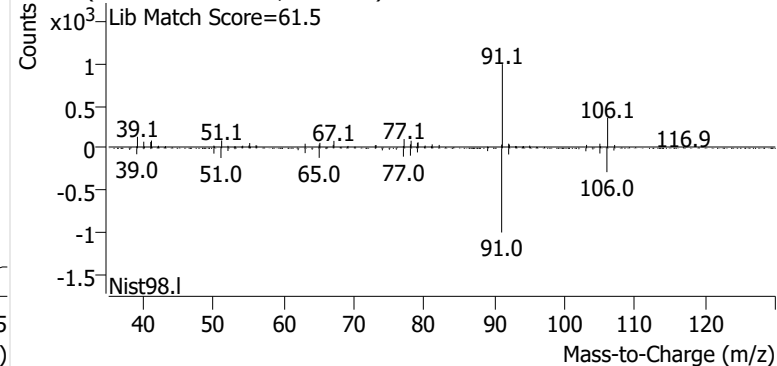
+ Scan (10.791-10.910 min, 16 scans) E2502961.d

**Ethylbenzene**

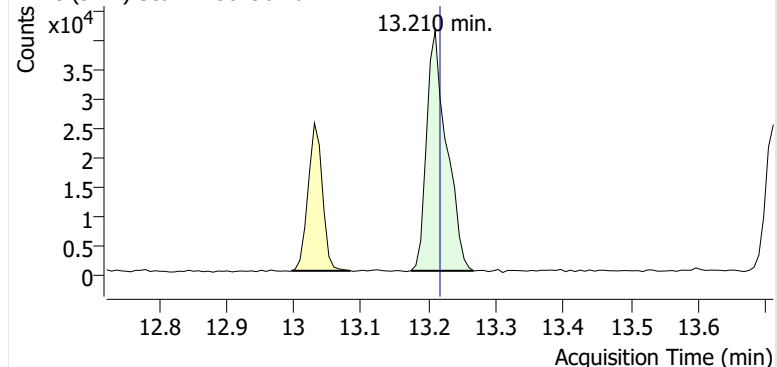
+ EIC (91.1) Scan E2502961.d



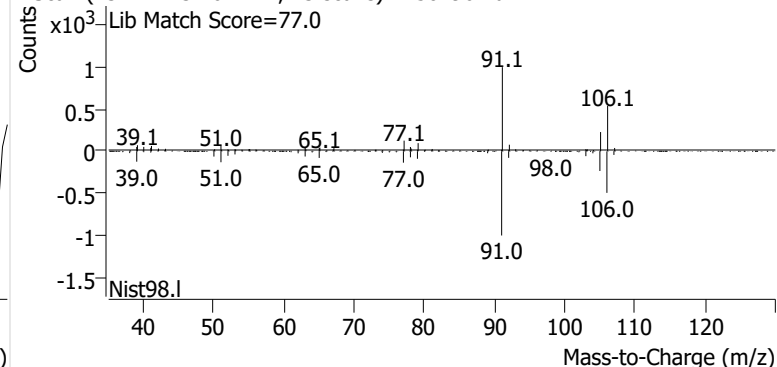
+ Scan (12.996-13.085 min, 12 scans) E2502961.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502961.d

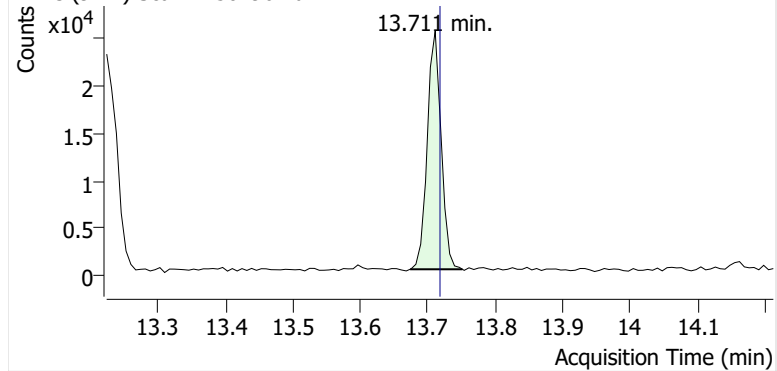


+ Scan (13.174-13.267 min, 13 scans) E2502961.d

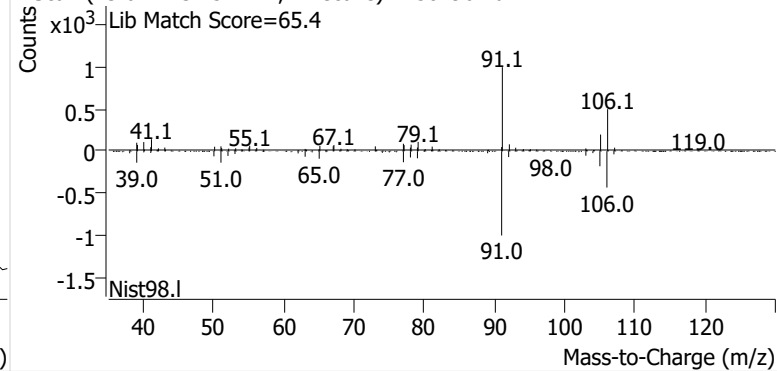


o-Xylene

+ EIC (91.1) Scan E2502961.d

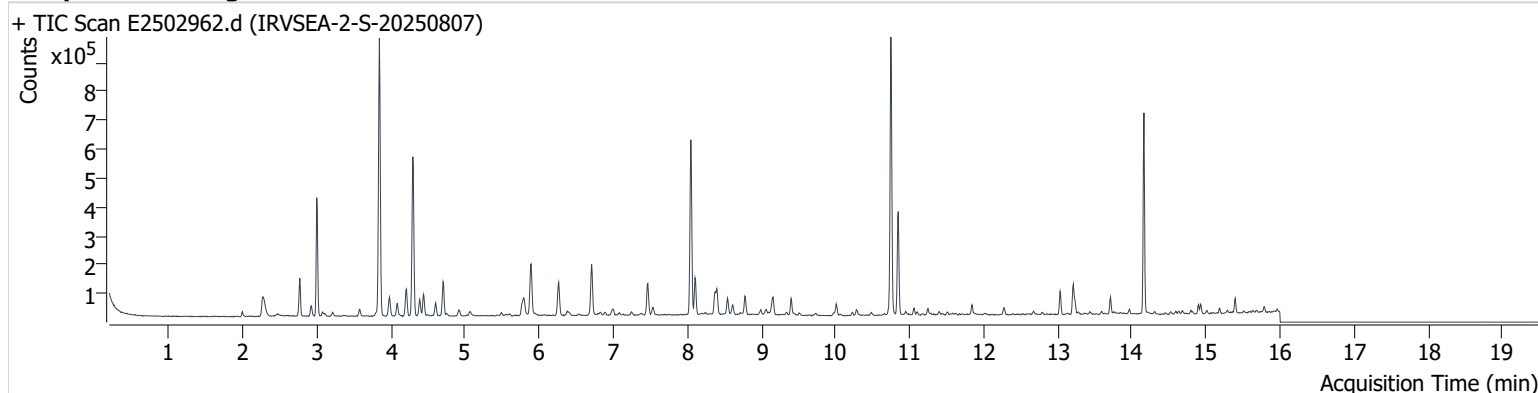


+ Scan (13.674-13.752 min, 11 scans) E2502961.d



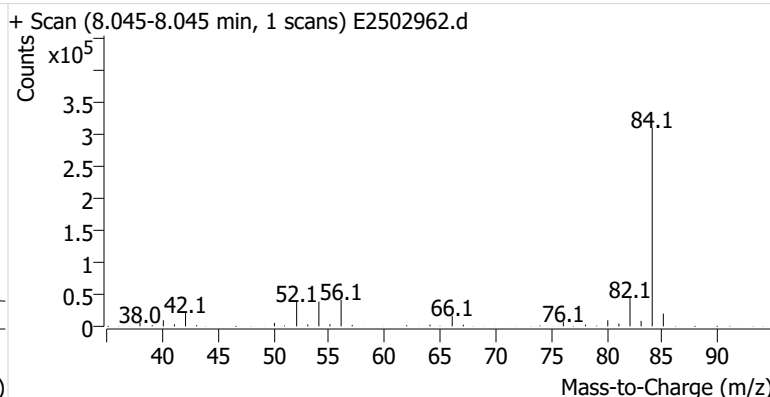
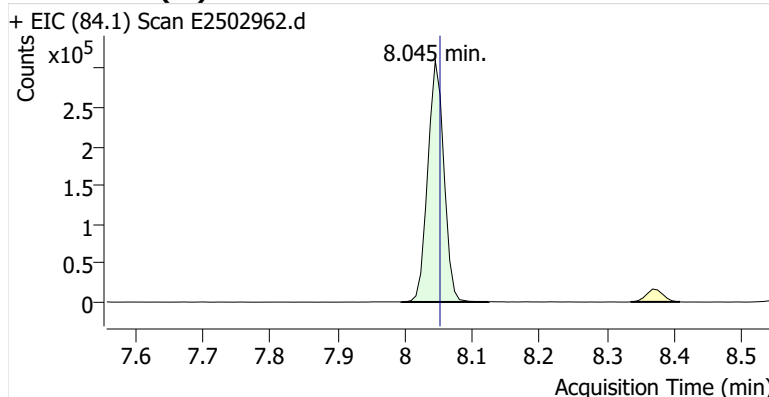
Name IRVSEA-2-S-20250807
Comment B27852; Recollect
Data File E2502962.d
Acq. Date-Time 8/27/2025 10:32:04 AM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

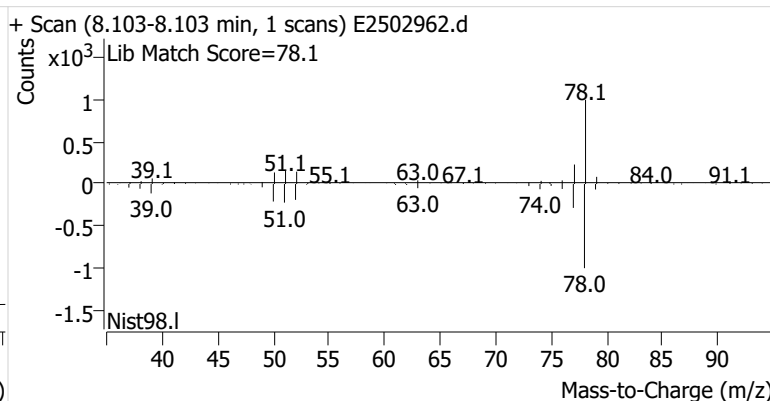
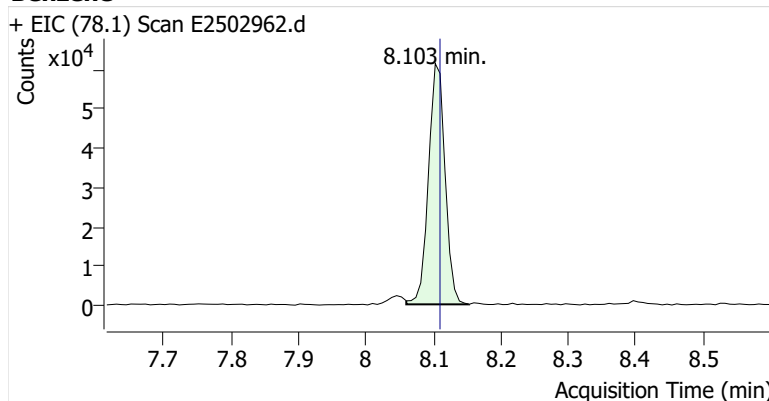


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	516,090	
Benzene	benzene-d6 (IS)	8.103	8.110	104,324	
Toluene-d8 (IS)		10.746	10.753	562,501	
Toluene	Toluene-d8 (IS)	10.846	10.846	222,190	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	50,423	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	77,395	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	31,980	

benzene-d6 (IS)

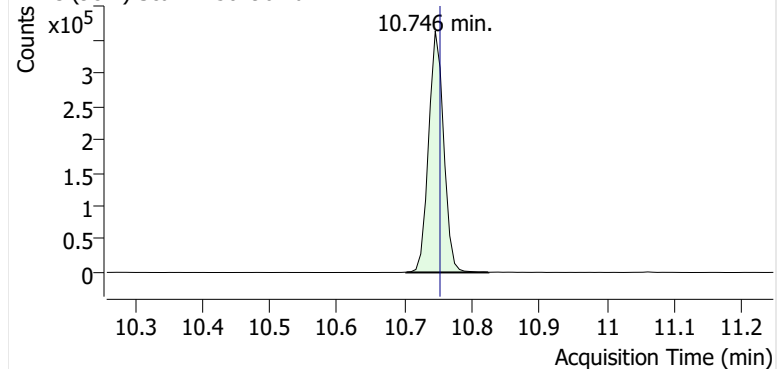


Benzene

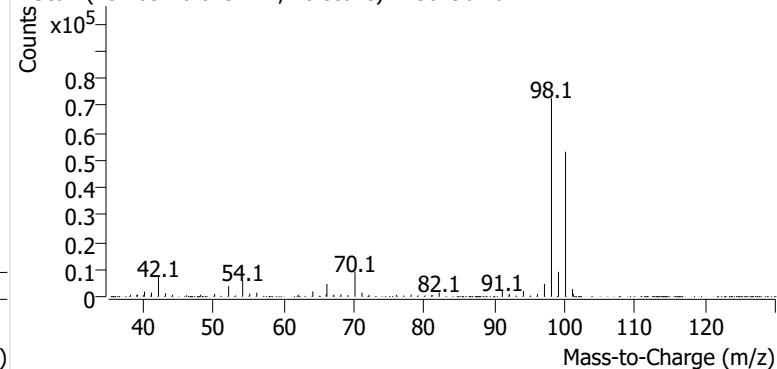


Toluene-d8 (IS)

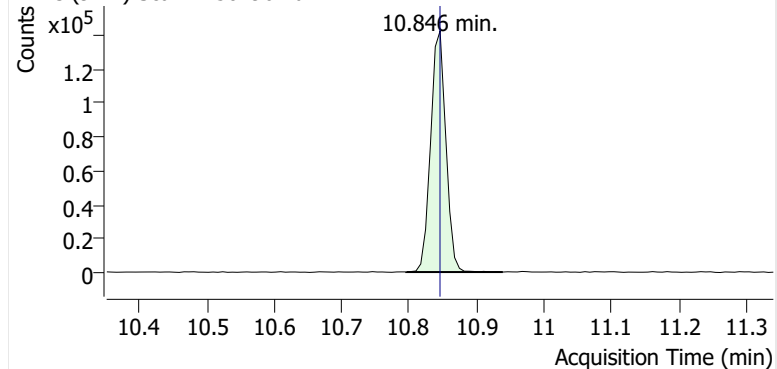
+ EIC (98.1) Scan E2502962.d



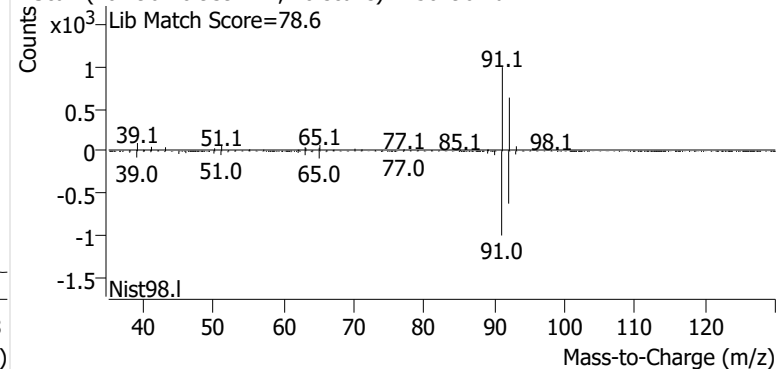
+ Scan (10.703-10.825 min, 18 scans) E2502962.d

**Toluene**

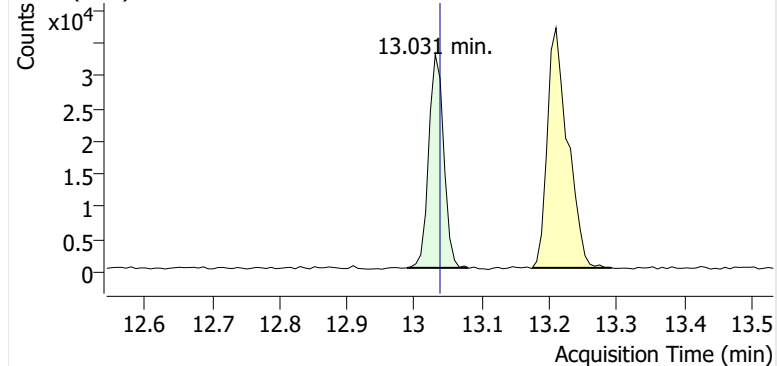
+ EIC (91.1) Scan E2502962.d



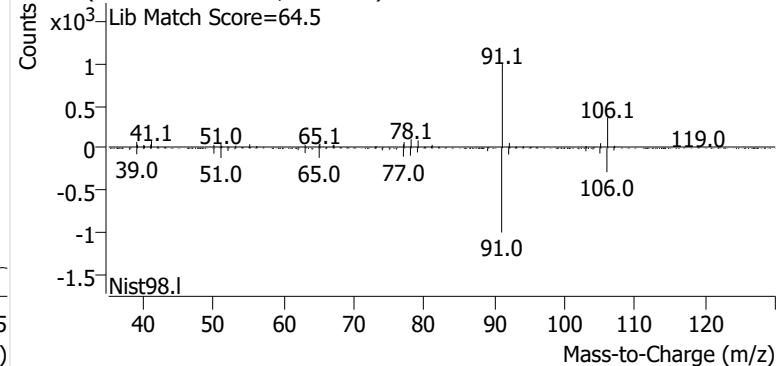
+ Scan (10.796-10.939 min, 20 scans) E2502962.d

**Ethylbenzene**

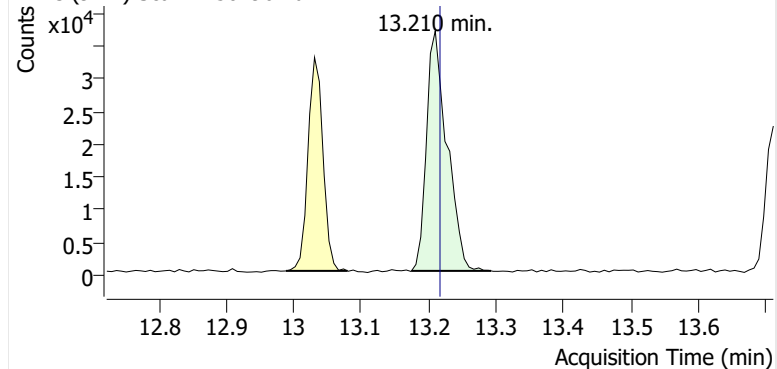
+ EIC (91.1) Scan E2502962.d



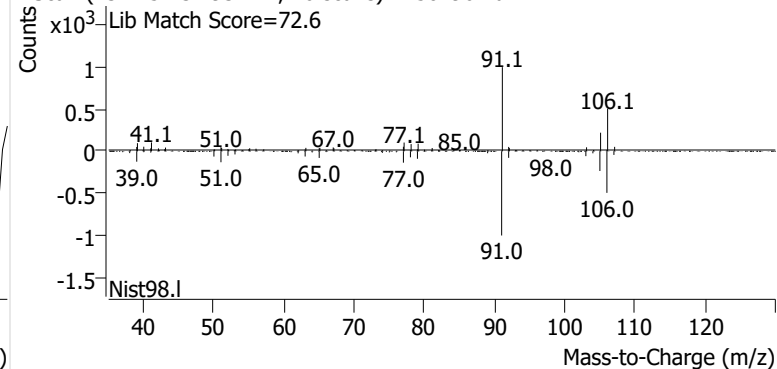
+ Scan (12.989-13.080 min, 12 scans) E2502962.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502962.d

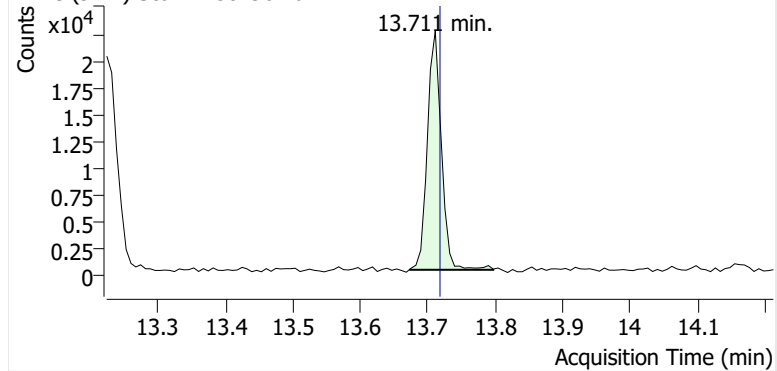


+ Scan (13.175-13.293 min, 16 scans) E2502962.d

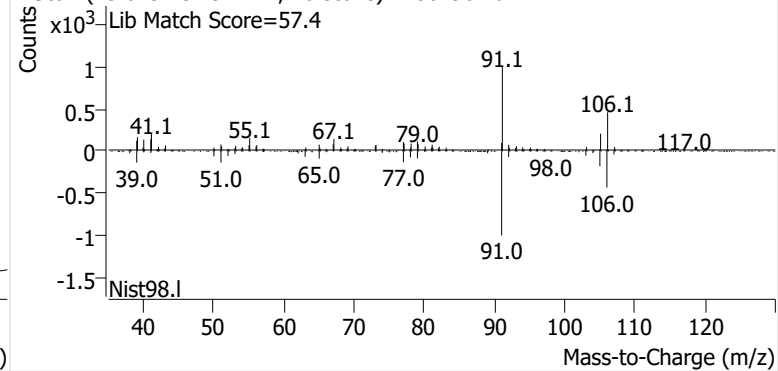


o-Xylene

+ EIC (91.1) Scan E2502962.d

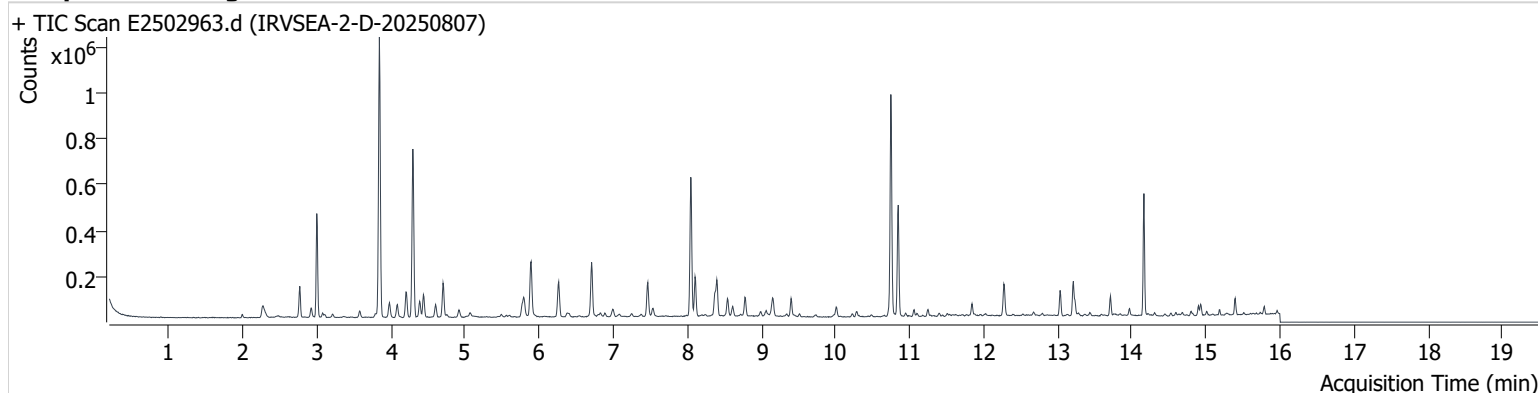


+ Scan (13.673-13.797 min, 18 scans) E2502962.d



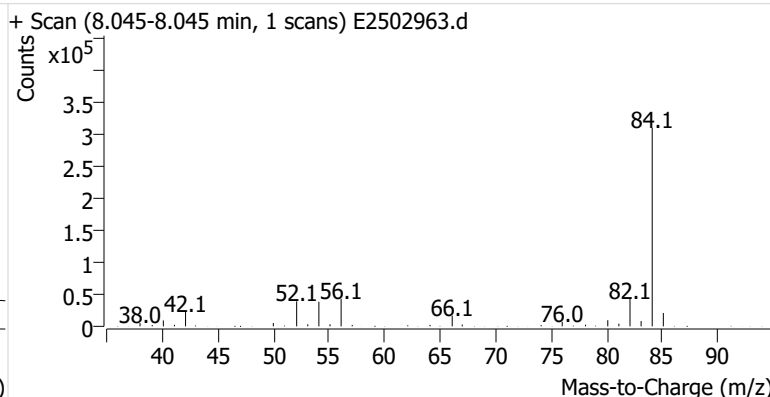
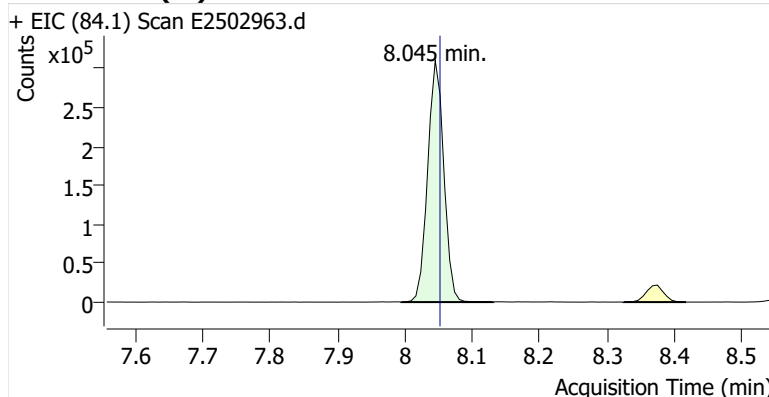
Name IRVSEA-2-D-20250807
Comment B16991; Recollect
Data File E2502963.d
Acq. Date-Time 8/27/2025 10:56:47 AM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

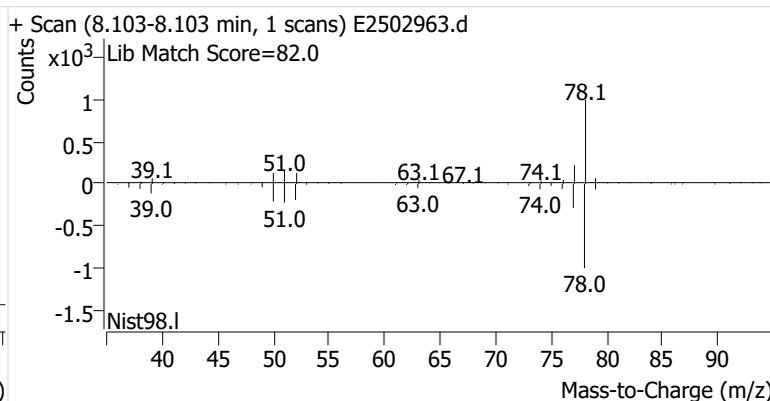
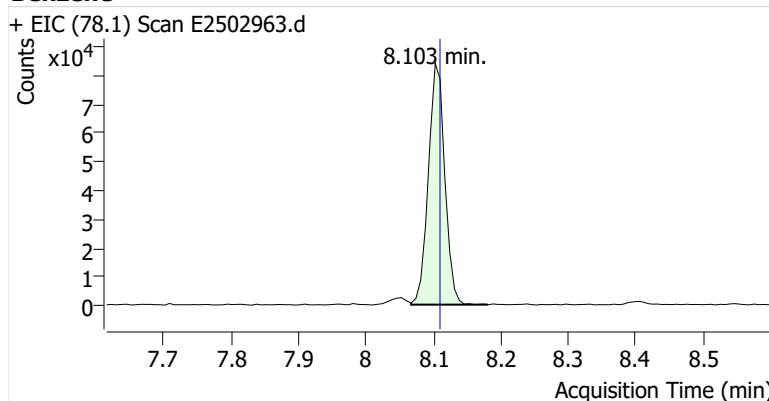


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	516,615	
Benzene	benzene-d6 (IS)	8.103	8.110	141,563	
Toluene-d8 (IS)		10.746	10.753	562,443	
Toluene	Toluene-d8 (IS)	10.846	10.846	304,048	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	71,247	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	106,682	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	44,627	

benzene-d6 (IS)

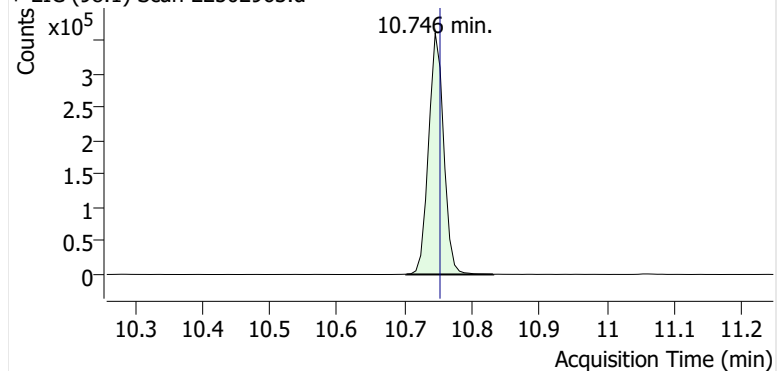


Benzene

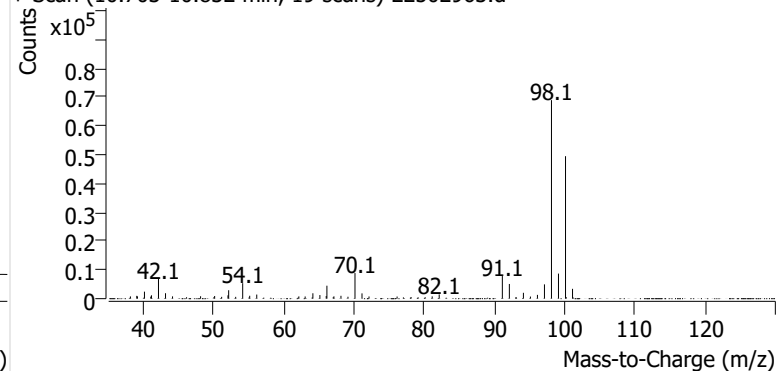


Toluene-d8 (IS)

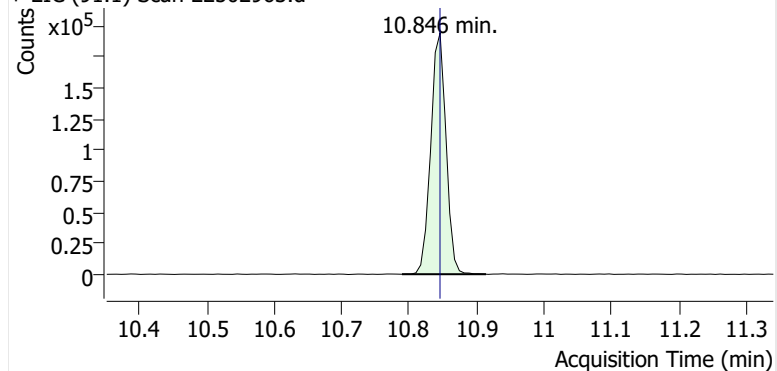
+ EIC (98.1) Scan E2502963.d



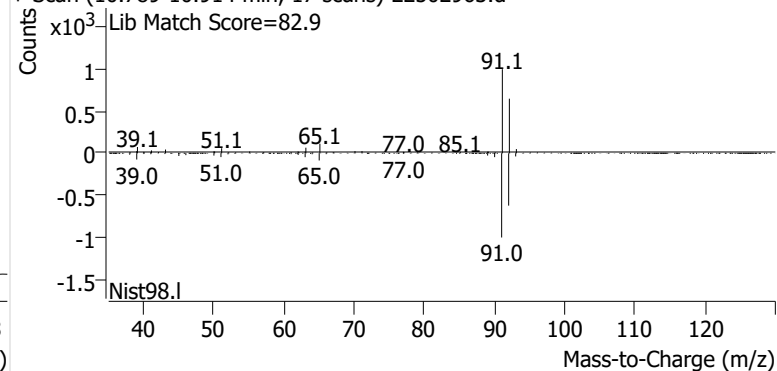
+ Scan (10.703-10.832 min, 19 scans) E2502963.d

**Toluene**

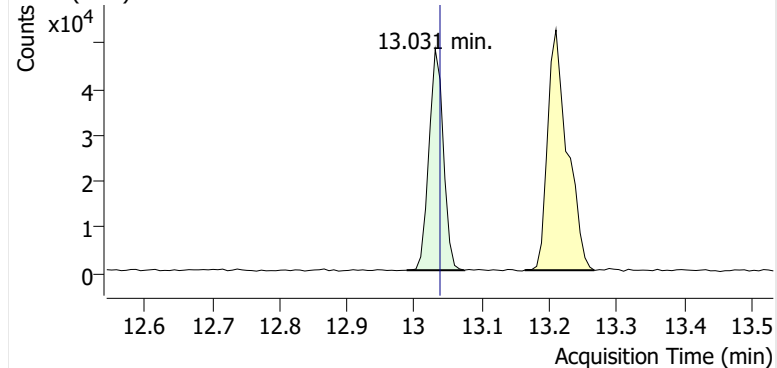
+ EIC (91.1) Scan E2502963.d



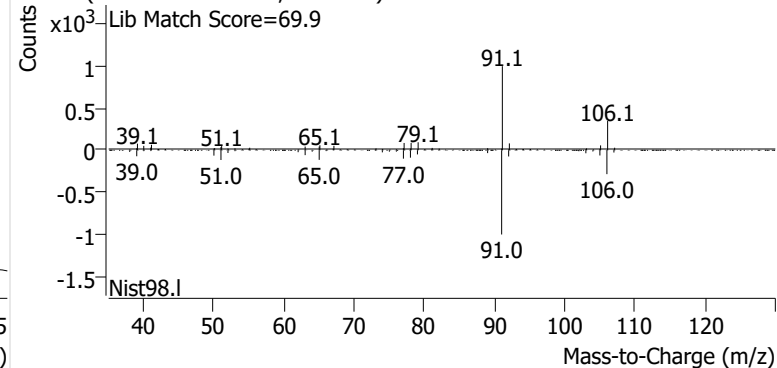
+ Scan (10.789-10.914 min, 17 scans) E2502963.d

**Ethylbenzene**

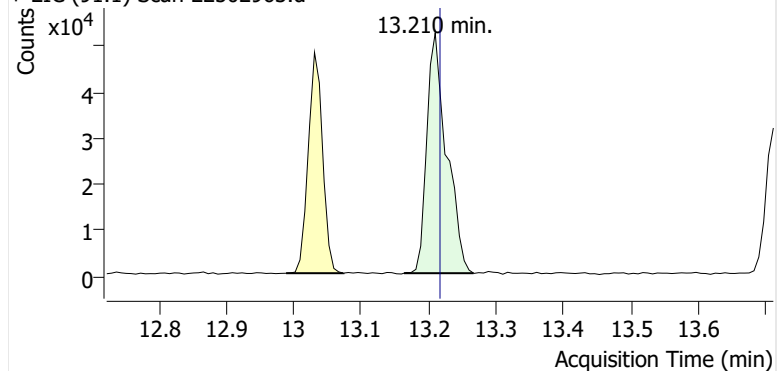
+ EIC (91.1) Scan E2502963.d



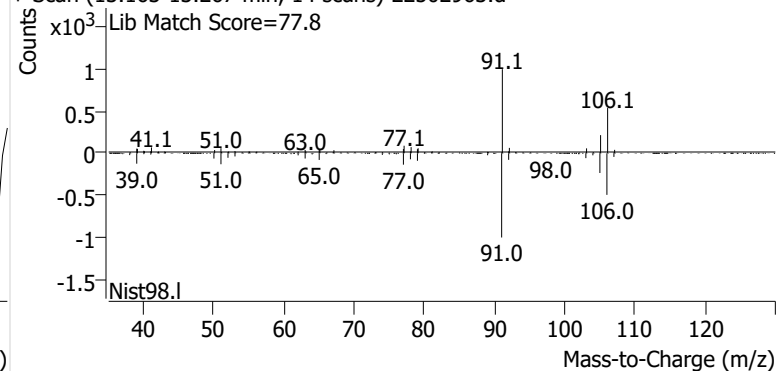
+ Scan (12.988-13.074 min, 12 scans) E2502963.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502963.d

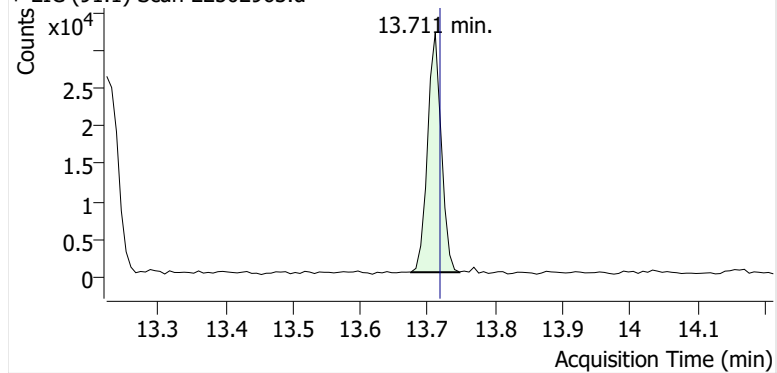


+ Scan (13.163-13.267 min, 14 scans) E2502963.d

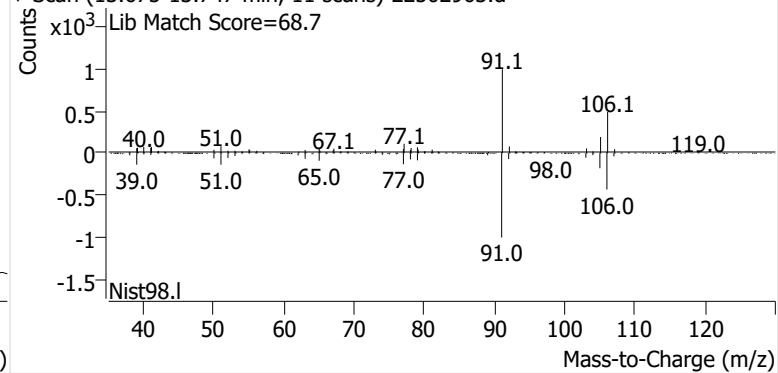


o-Xylene

+ EIC (91.1) Scan E2502963.d

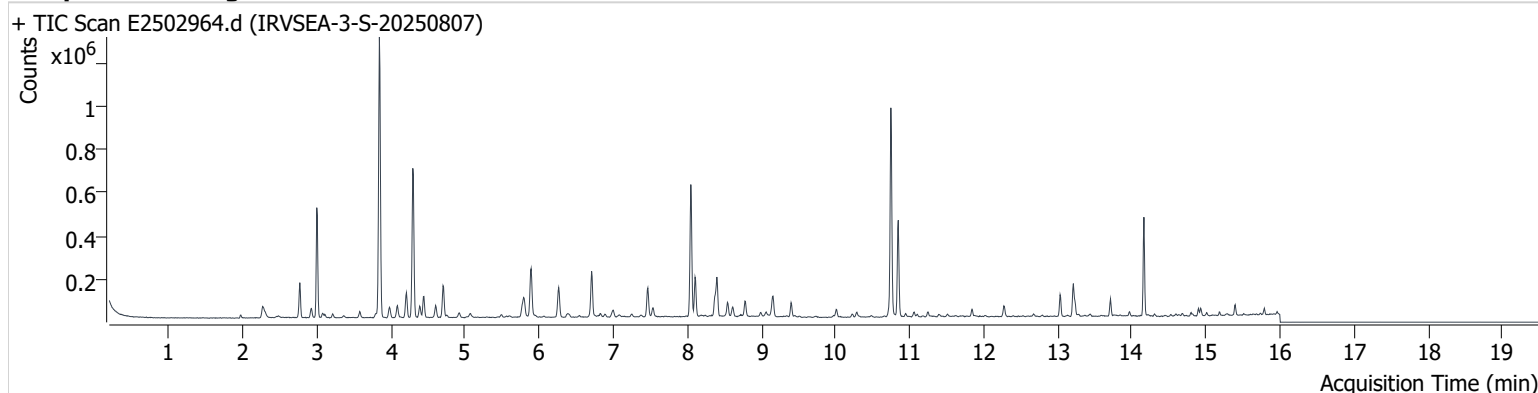


+ Scan (13.675-13.747 min, 11 scans) E2502963.d



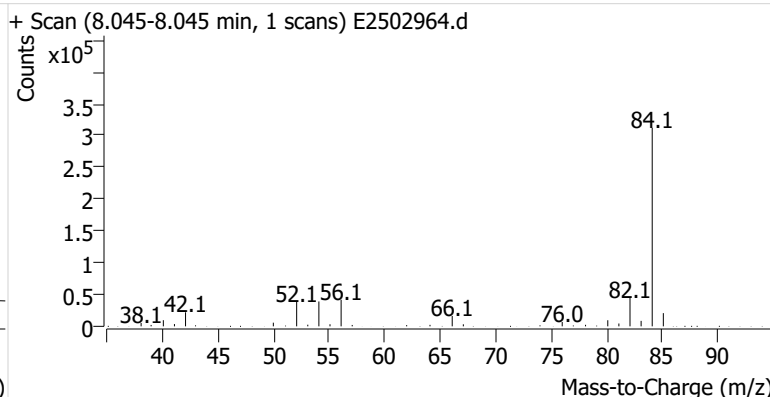
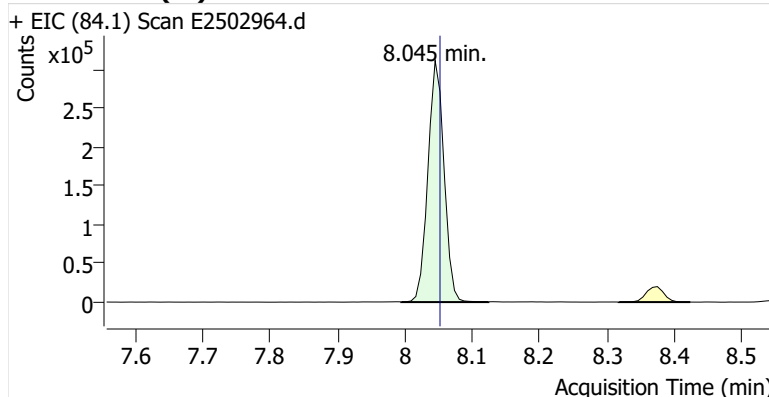
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Comment B16975; Recollect
Data File E2502964.d
Acq. Date-Time 8/27/2025 11:21:39 AM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

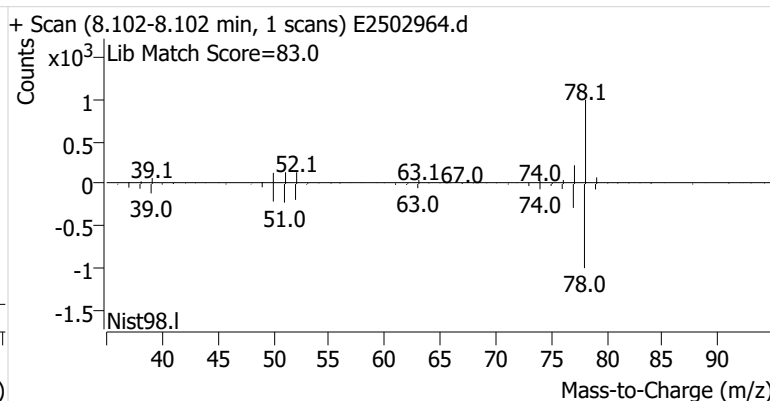
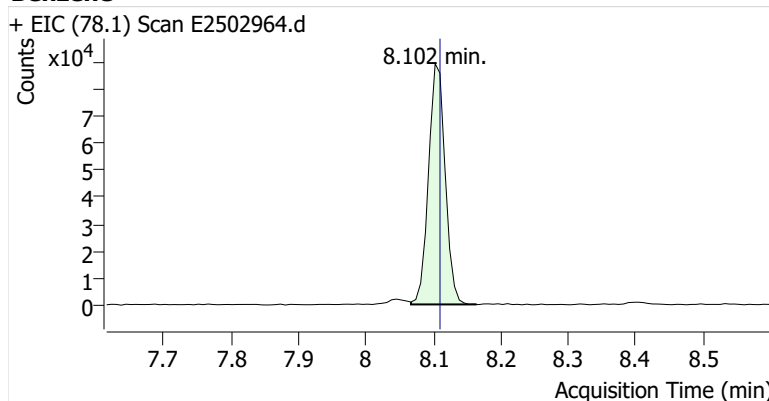


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	518,379	
Benzene	benzene-d6 (IS)	8.102	8.110	152,075	
Toluene-d8 (IS)		10.746	10.753	558,347	
Toluene	Toluene-d8 (IS)	10.846	10.846	272,689	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	64,196	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	110,427	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	39,994	

benzene-d6 (IS)

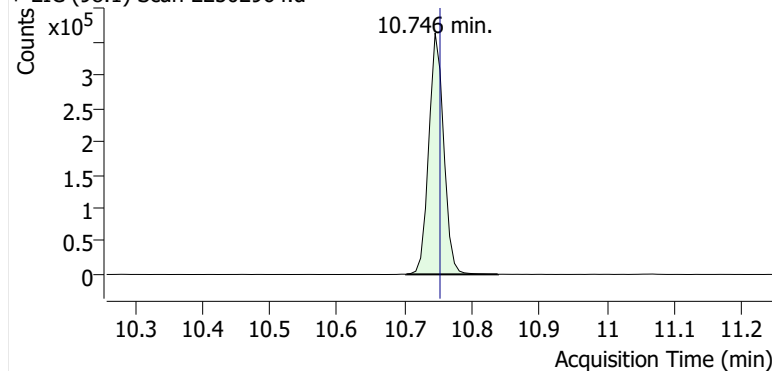


Benzene

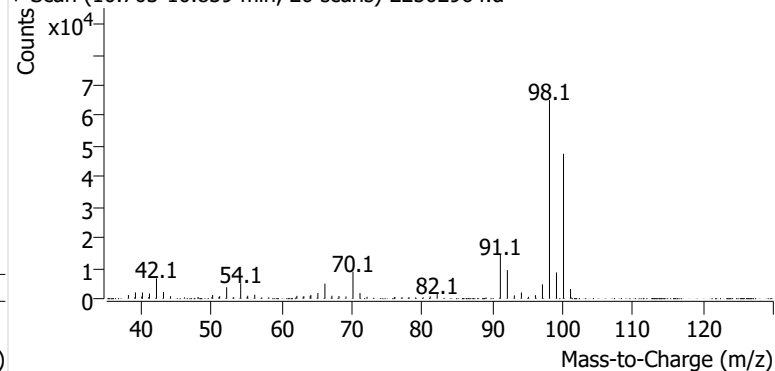


Toluene-d8 (IS)

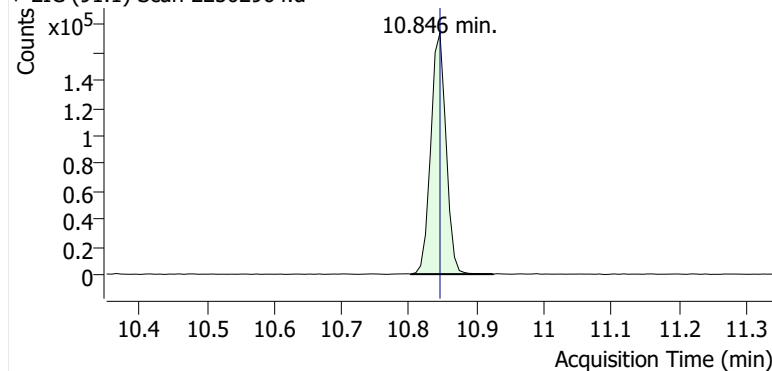
+ EIC (98.1) Scan E2502964.d



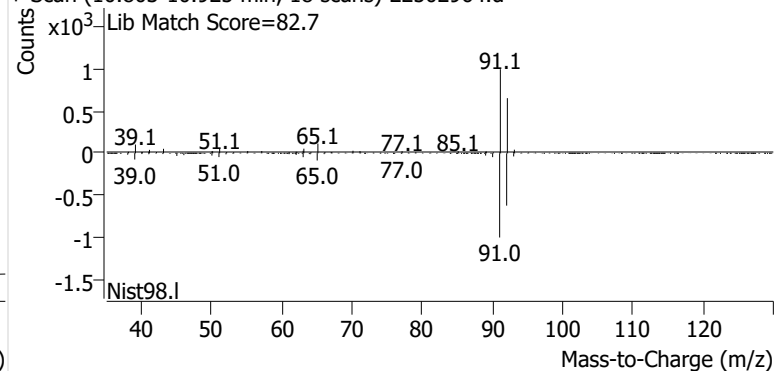
+ Scan (10.703-10.839 min, 20 scans) E2502964.d

**Toluene**

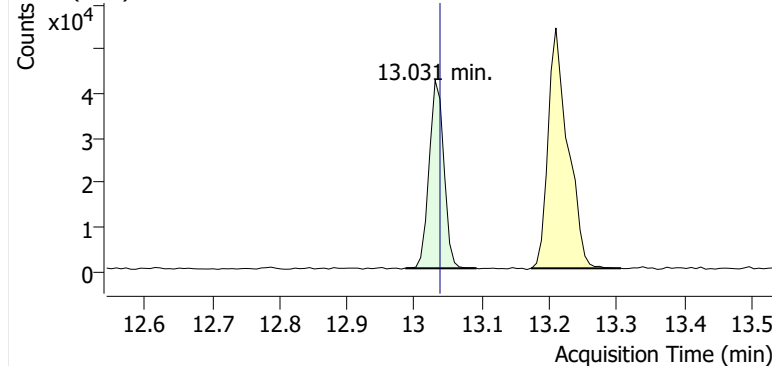
+ EIC (91.1) Scan E2502964.d



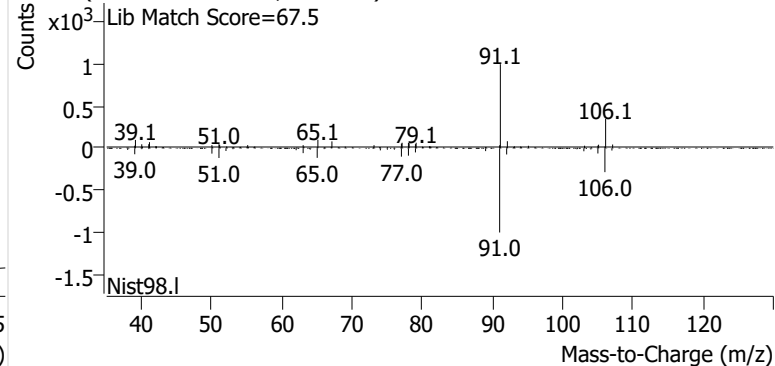
+ Scan (10.803-10.925 min, 18 scans) E2502964.d

**Ethylbenzene**

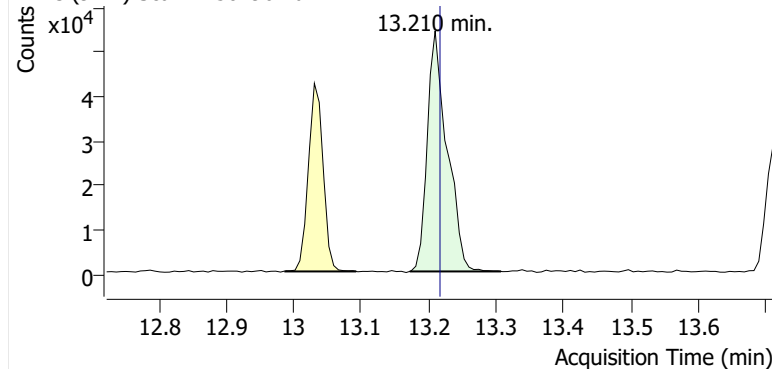
+ EIC (91.1) Scan E2502964.d



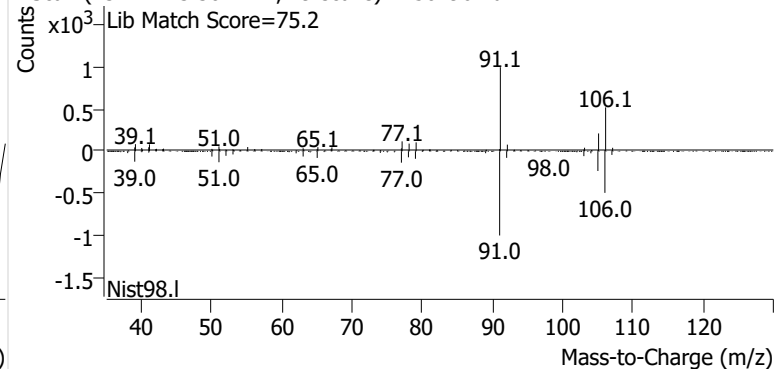
+ Scan (12.988-13.092 min, 15 scans) E2502964.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502964.d

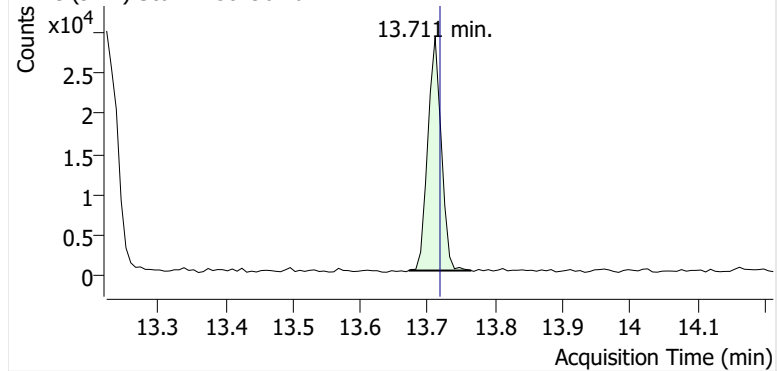


+ Scan (13.172-13.307 min, 19 scans) E2502964.d

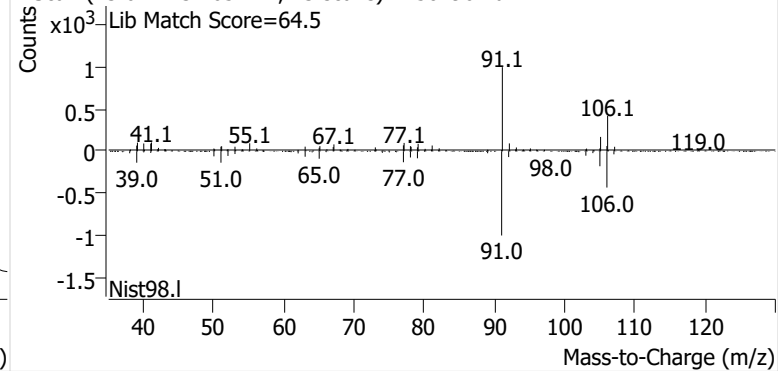


o-Xylene

+ EIC (91.1) Scan E2502964.d

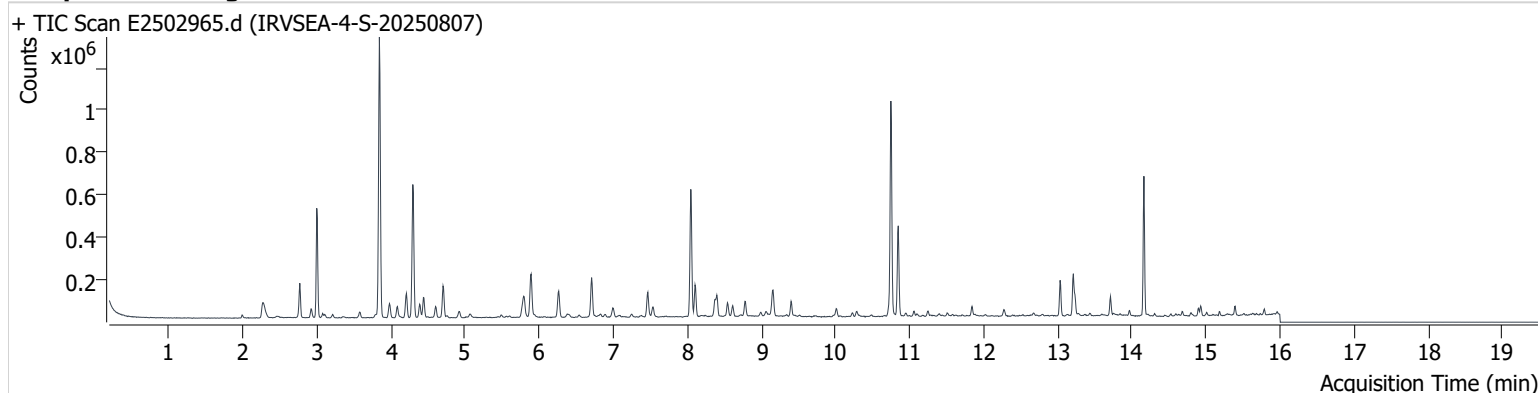


+ Scan (13.672-13.765 min, 13 scans) E2502964.d



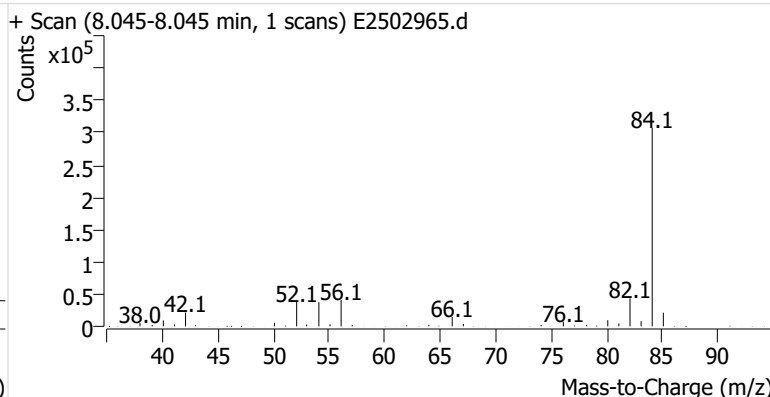
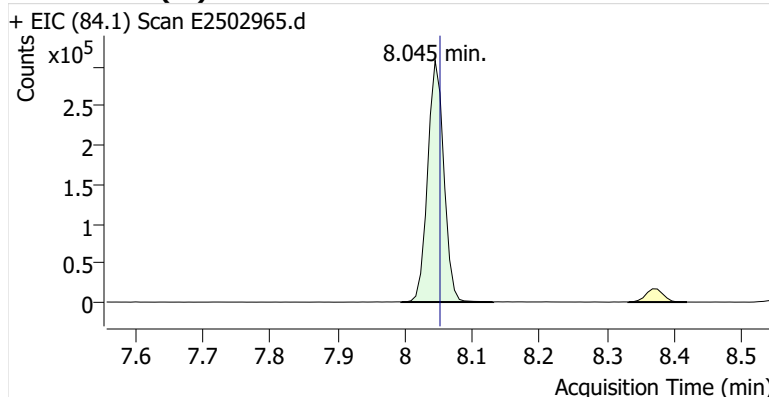
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Comment B27801; Recollect
Data File E2502965.d
Acq. Date-Time 8/27/2025 11:46:28 AM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

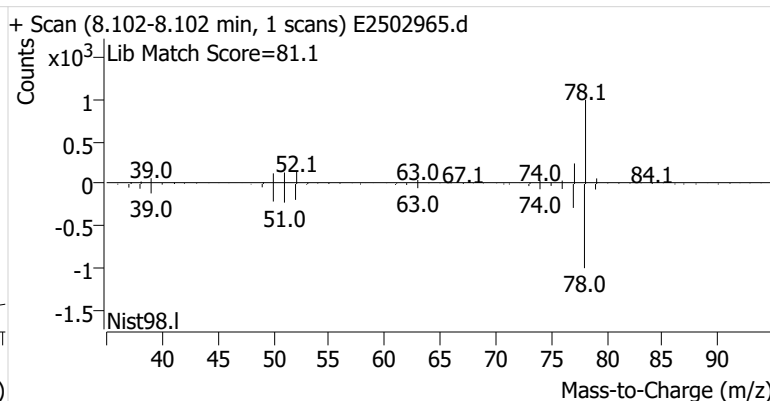
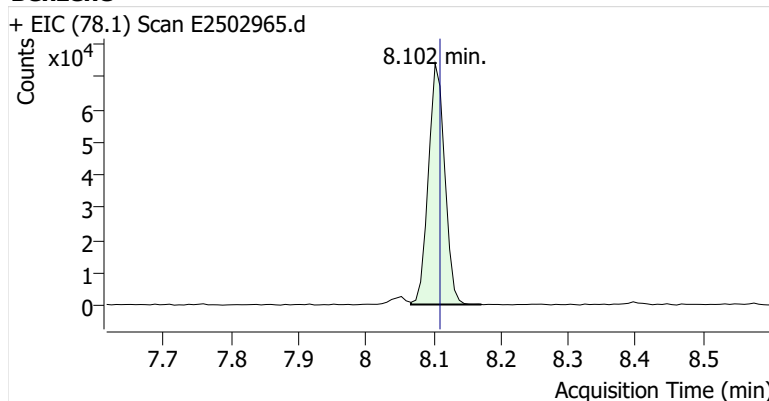


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	512,395	
Benzene	benzene-d6 (IS)	8.102	8.110	123,840	
Toluene-d8 (IS)		10.746	10.753	613,254	
Toluene	Toluene-d8 (IS)	10.846	10.846	261,180	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	107,473	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	146,597	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	47,108	

benzene-d6 (IS)

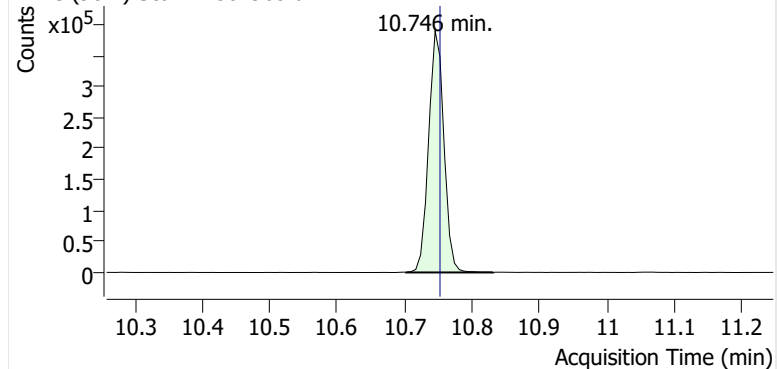


Benzene

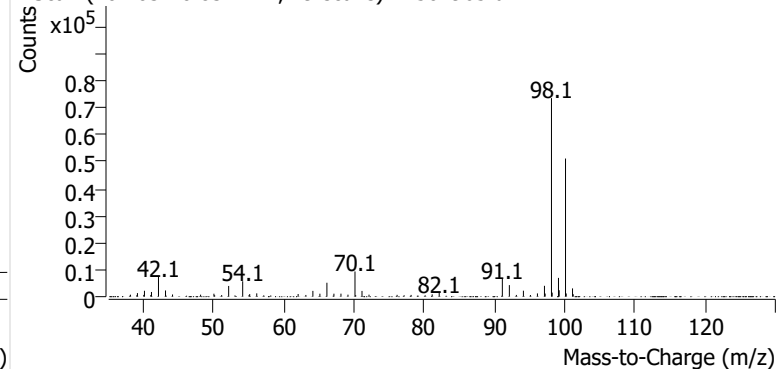


Toluene-d8 (IS)

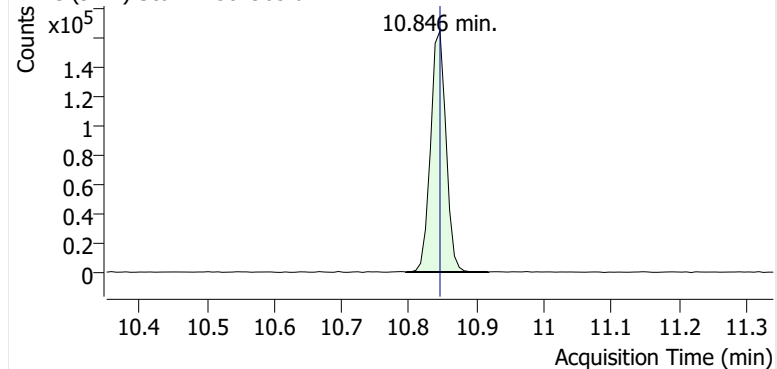
+ EIC (98.1) Scan E2502965.d



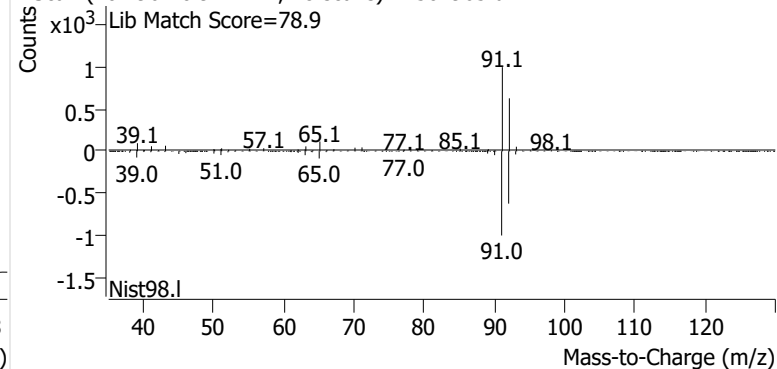
+ Scan (10.703-10.832 min, 19 scans) E2502965.d

**Toluene**

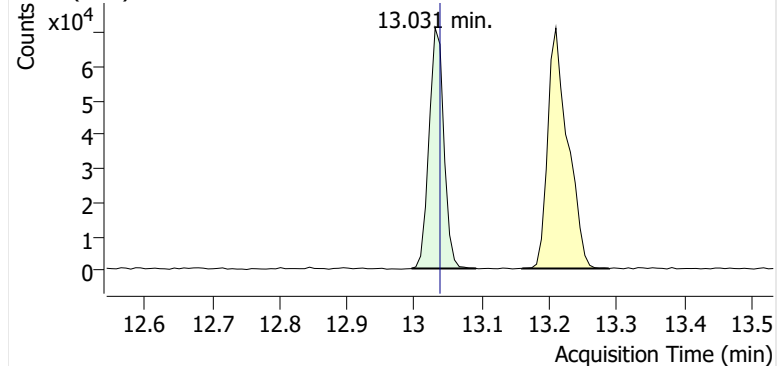
+ EIC (91.1) Scan E2502965.d



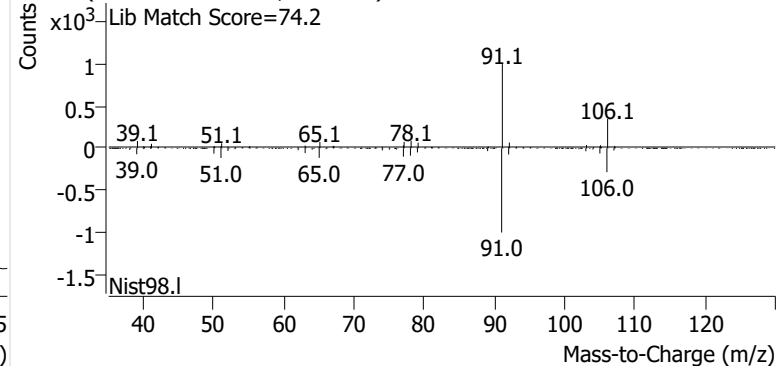
+ Scan (10.796-10.917 min, 18 scans) E2502965.d

**Ethylbenzene**

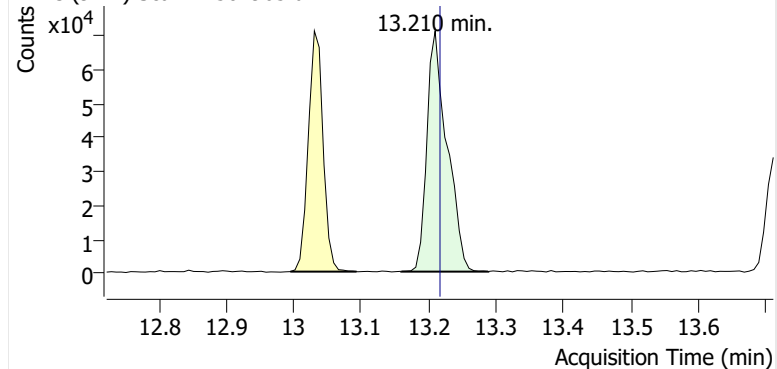
+ EIC (91.1) Scan E2502965.d



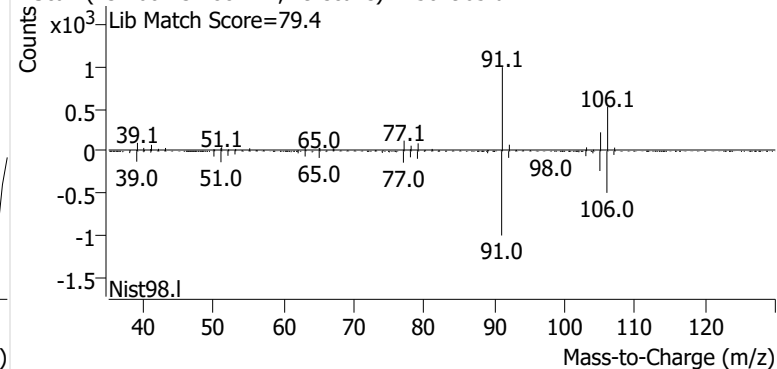
+ Scan (12.995-13.091 min, 13 scans) E2502965.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502965.d

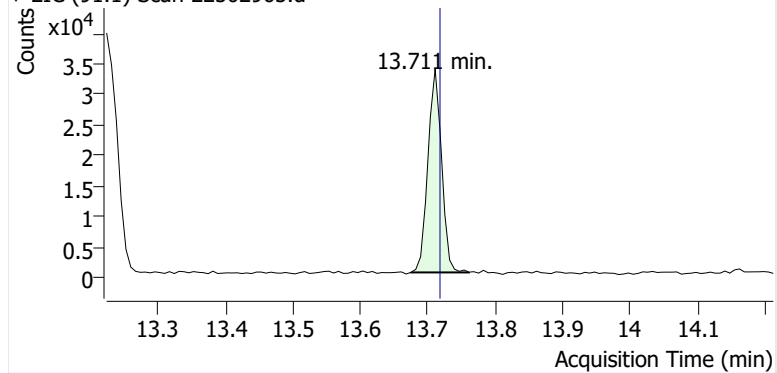


+ Scan (13.160-13.288 min, 19 scans) E2502965.d

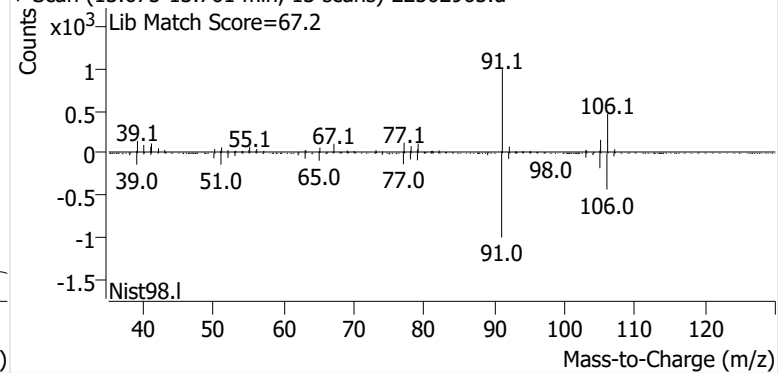


o-Xylene

+ EIC (91.1) Scan E2502965.d

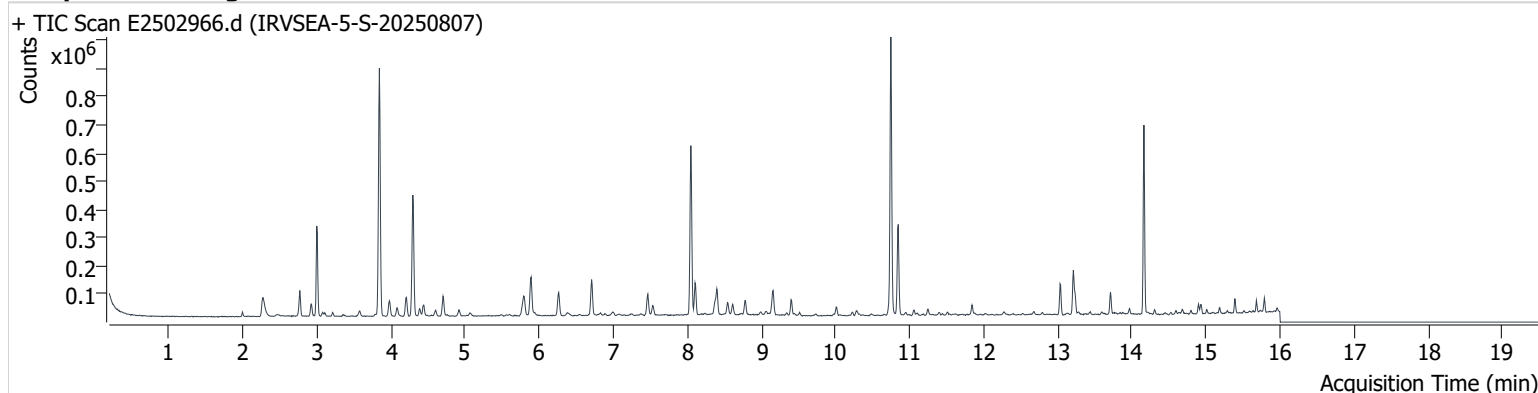


+ Scan (13.675-13.761 min, 13 scans) E2502965.d



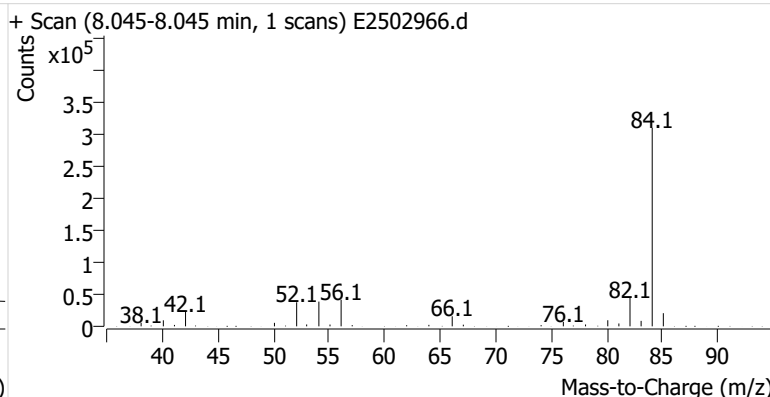
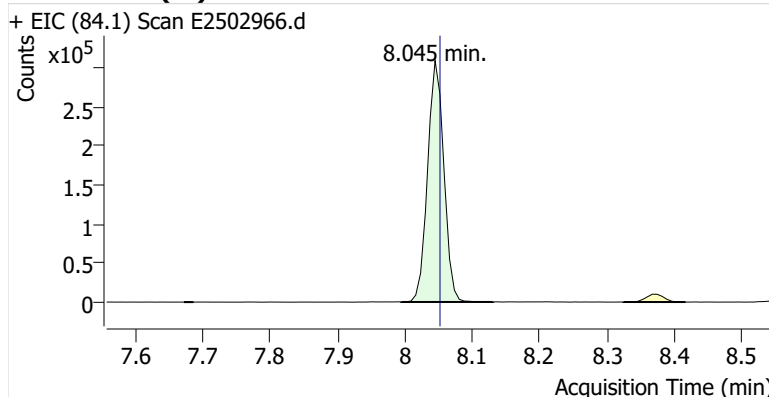
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Comment C53603; Recollect
Data File E2502966.d
Acq. Date-Time 8/27/2025 12:11:18 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

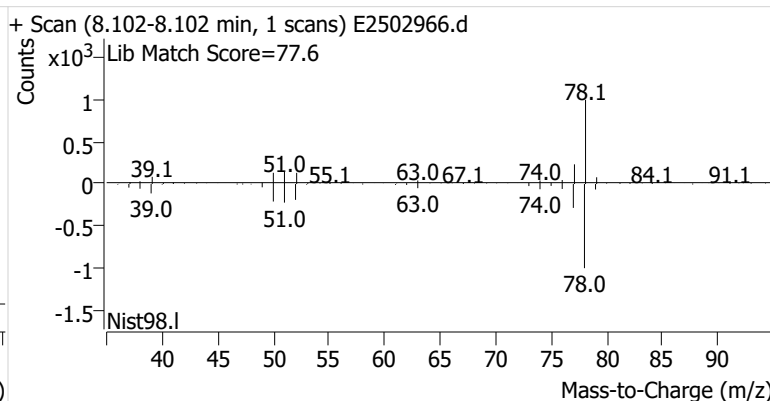
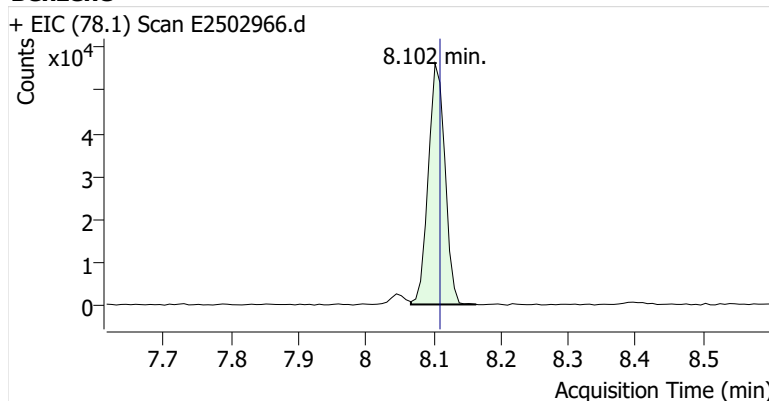


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	518,398	
Benzene	benzene-d6 (IS)	8.102	8.110	95,724	
Toluene-d8 (IS)		10.745	10.753	567,751	
Toluene	Toluene-d8 (IS)	10.846	10.846	198,470	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	70,359	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	114,519	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	39,987	

benzene-d6 (IS)

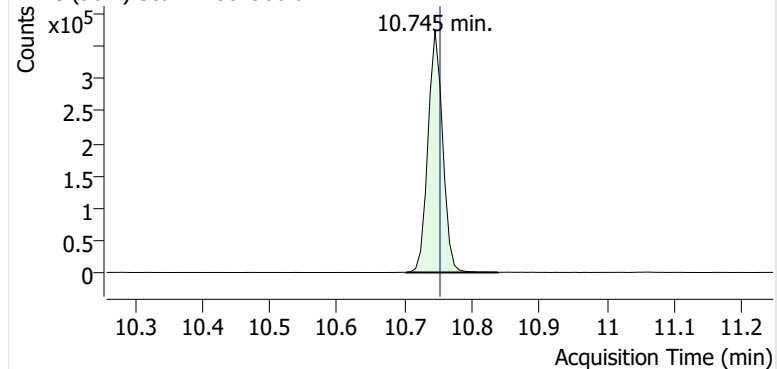


Benzene

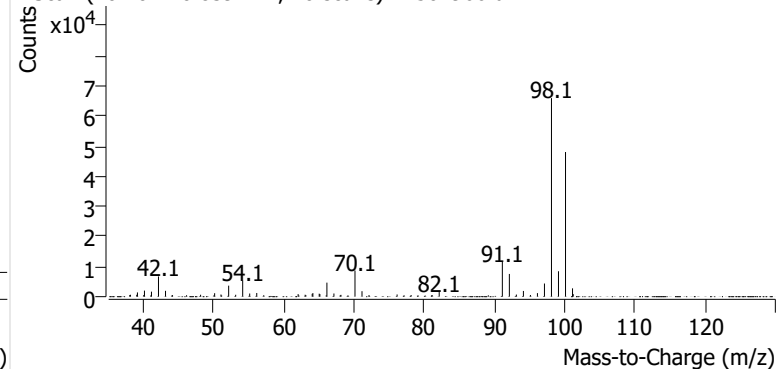


Toluene-d8 (IS)

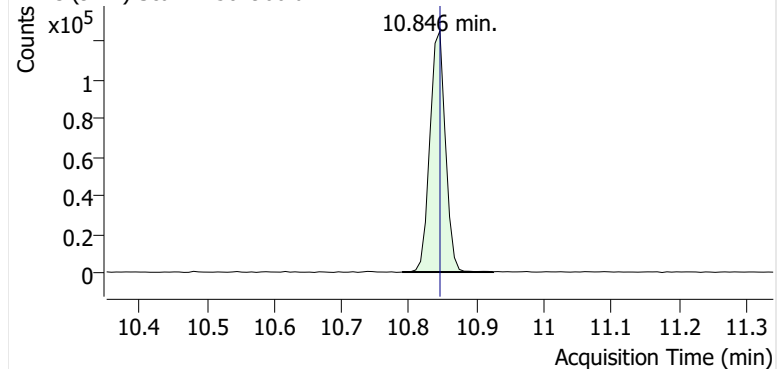
+ EIC (98.1) Scan E2502966.d



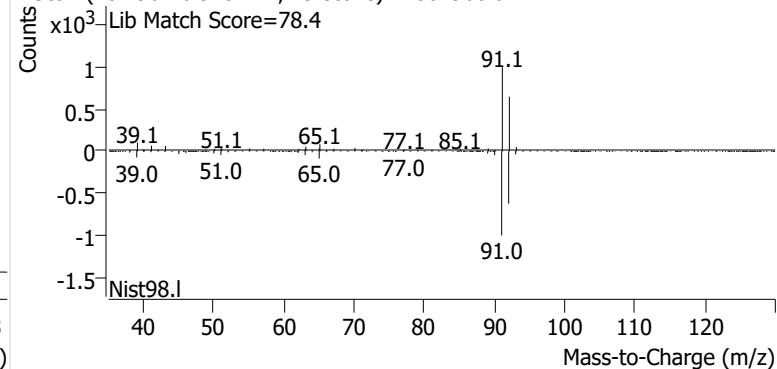
+ Scan (10.702-10.839 min, 20 scans) E2502966.d

**Toluene**

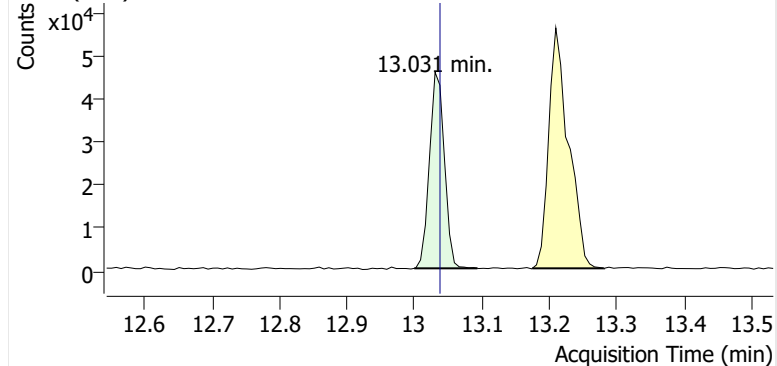
+ EIC (91.1) Scan E2502966.d



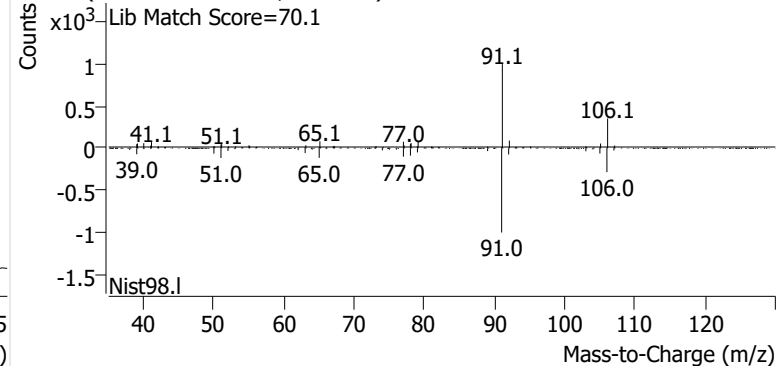
+ Scan (10.790-10.925 min, 19 scans) E2502966.d

**Ethylbenzene**

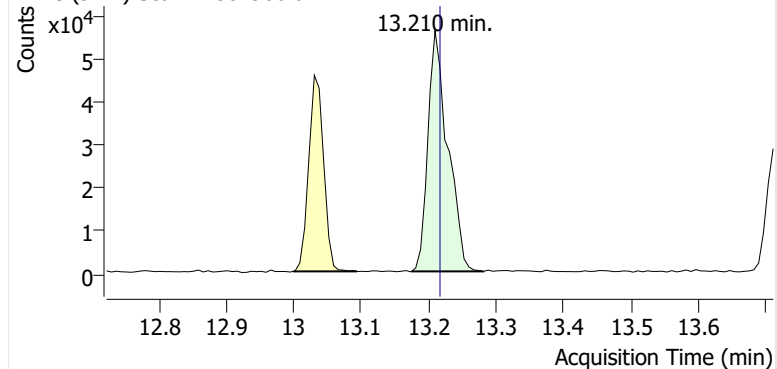
+ EIC (91.1) Scan E2502966.d



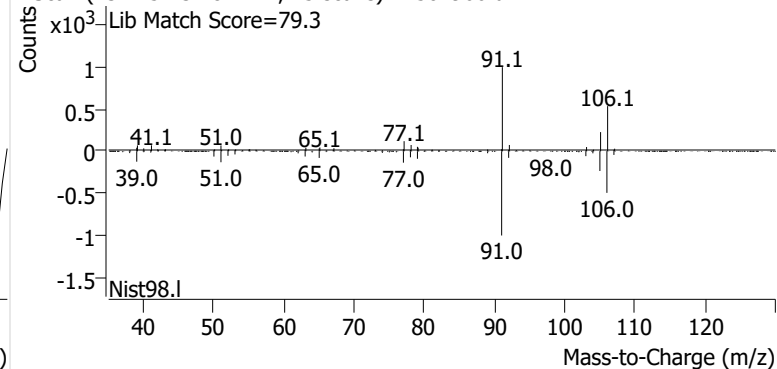
+ Scan (13.000-13.093 min, 13 scans) E2502966.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502966.d

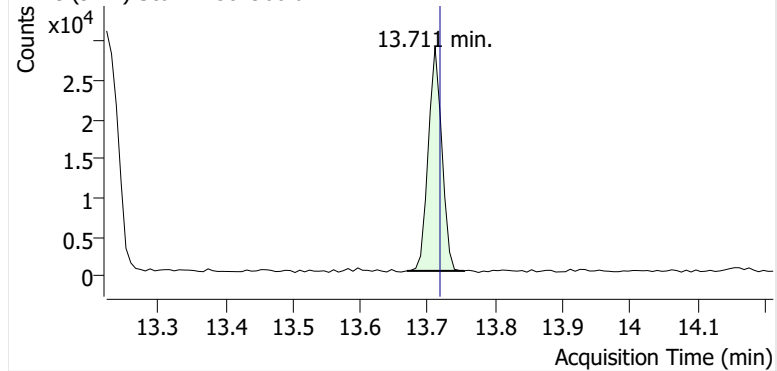


+ Scan (13.175-13.281 min, 15 scans) E2502966.d

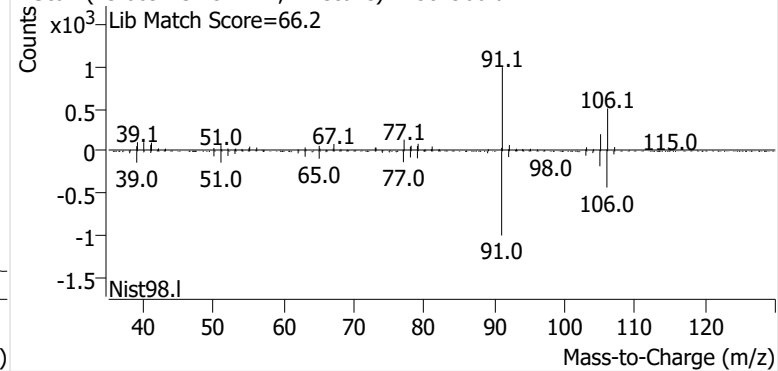


o-Xylene

+ EIC (91.1) Scan E2502966.d

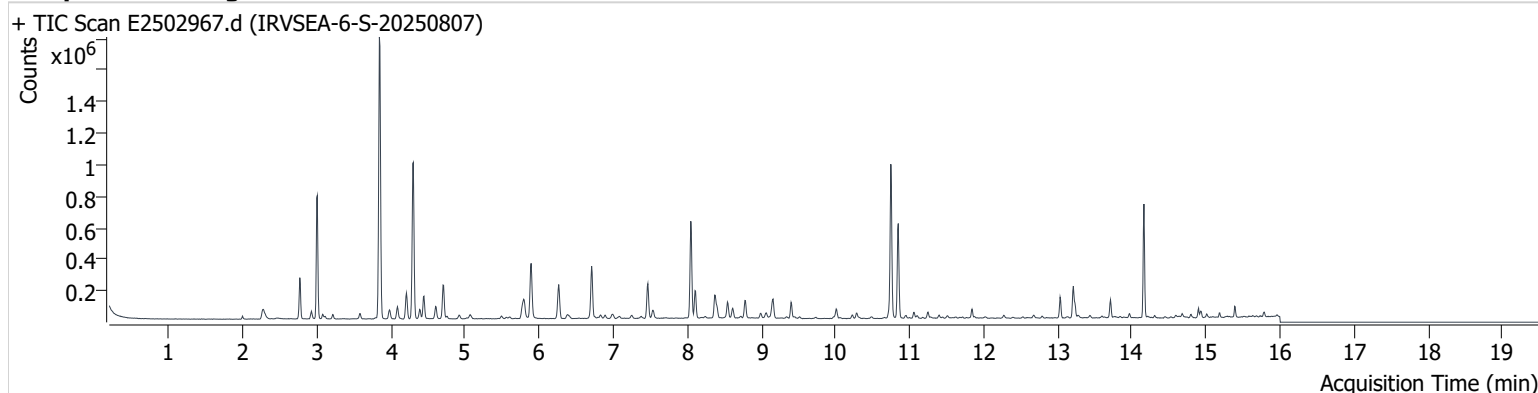


+ Scan (13.669-13.754 min, 12 scans) E2502966.d



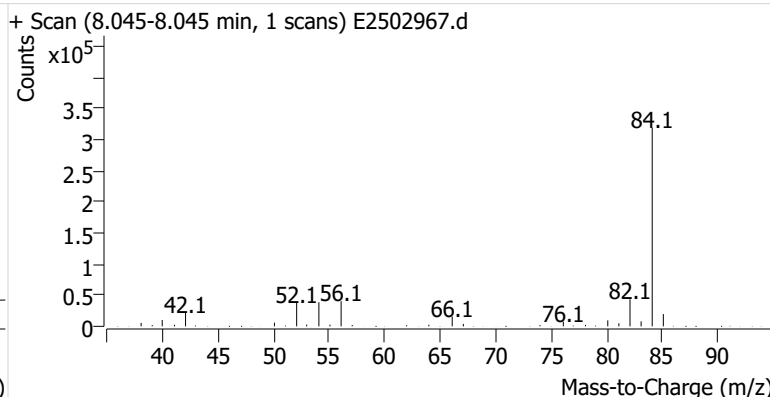
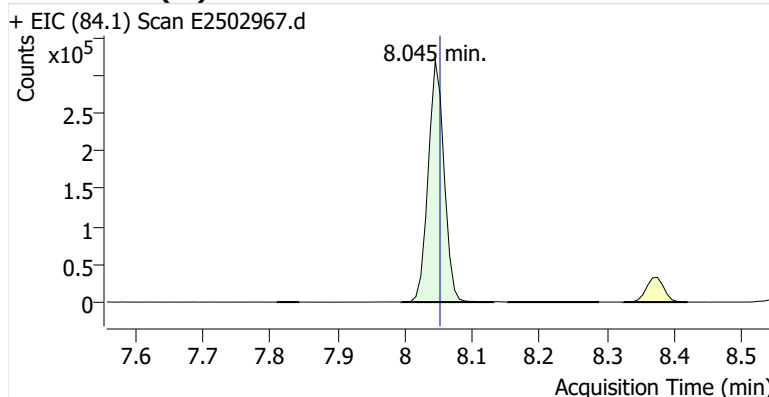
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Comment B50669; Recollect
Data File E2502967.d
Acq. Date-Time 8/27/2025 12:36:06 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

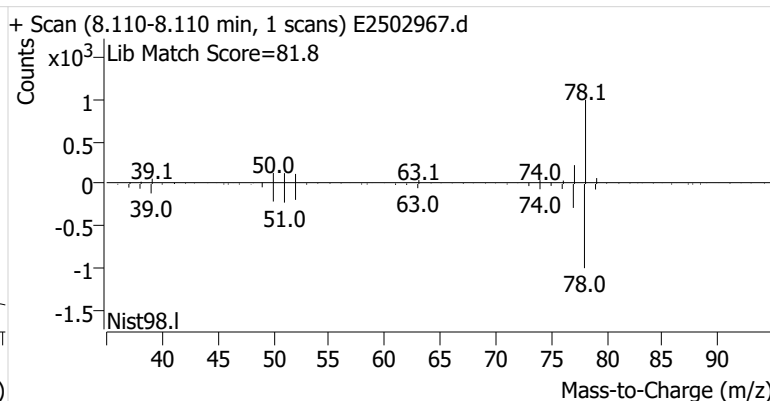
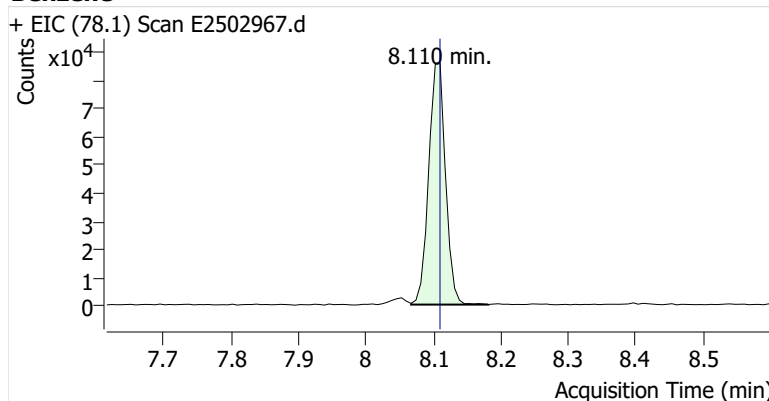


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	521,747	
Benzene	benzene-d6 (IS)	8.110	8.110	148,769	
Toluene-d8 (IS)		10.746	10.753	571,146	
Toluene	Toluene-d8 (IS)	10.846	10.846	379,328	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	82,835	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	144,249	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	60,639	

benzene-d6 (IS)

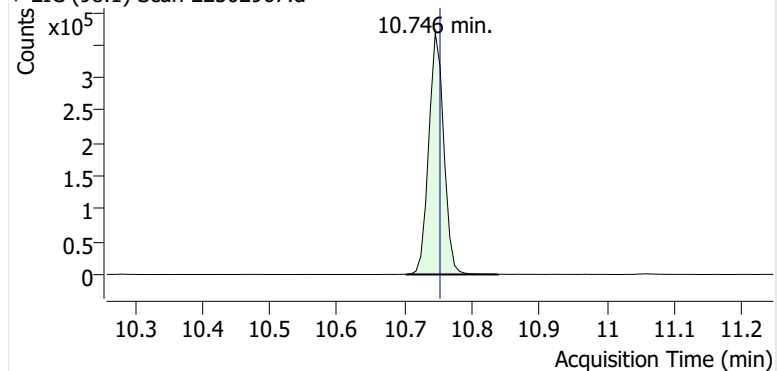


Benzene

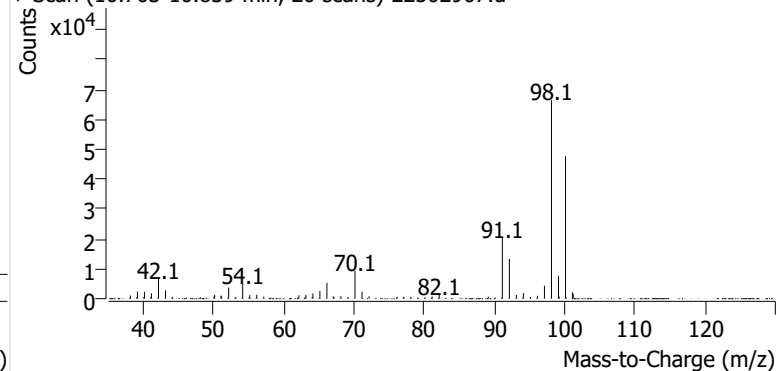


Toluene-d8 (IS)

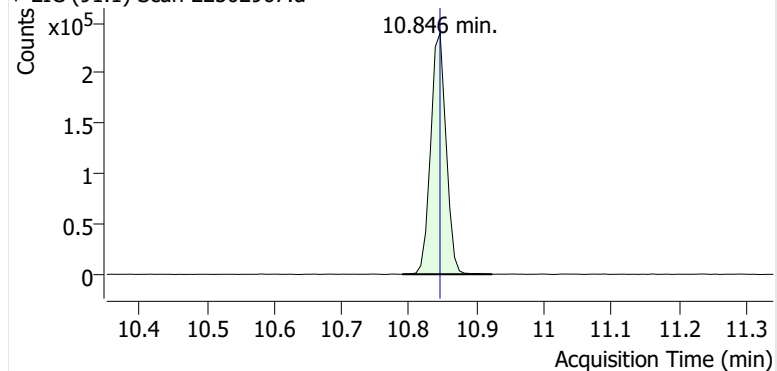
+ EIC (98.1) Scan E2502967.d



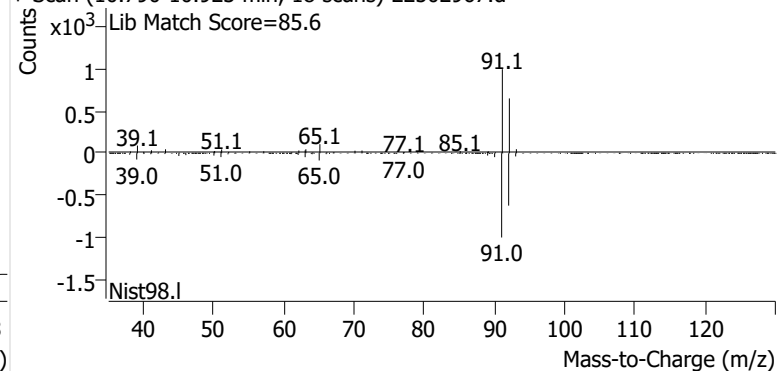
+ Scan (10.703-10.839 min, 20 scans) E2502967.d

**Toluene**

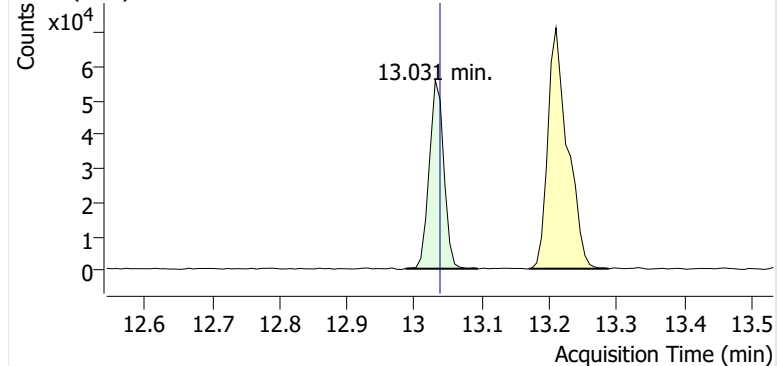
+ EIC (91.1) Scan E2502967.d



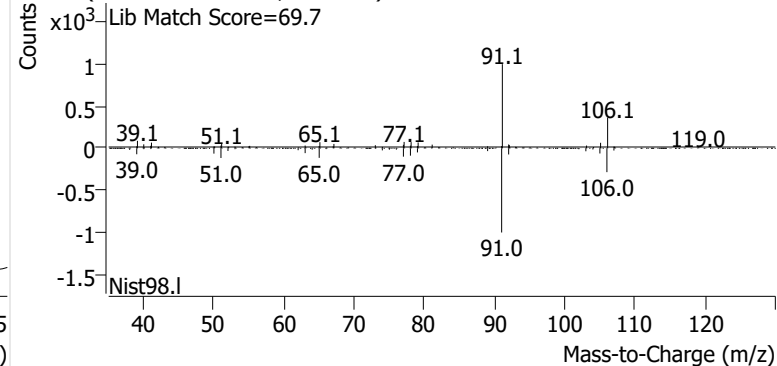
+ Scan (10.790-10.923 min, 18 scans) E2502967.d

**Ethylbenzene**

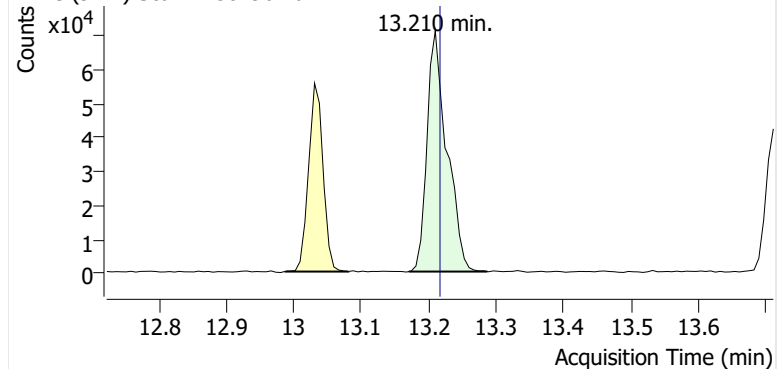
+ EIC (91.1) Scan E2502967.d



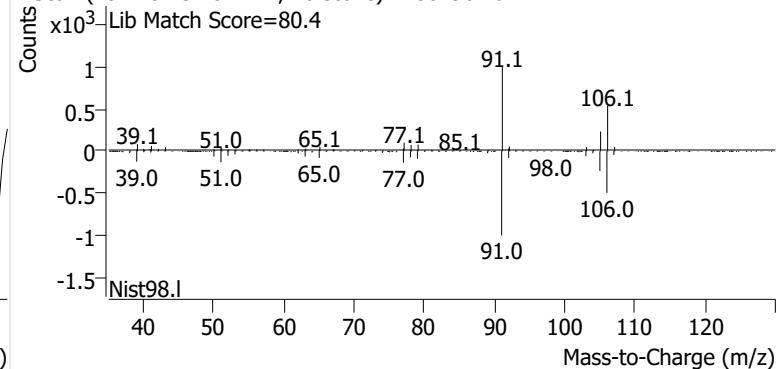
+ Scan (12.988-13.094 min, 15 scans) E2502967.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502967.d

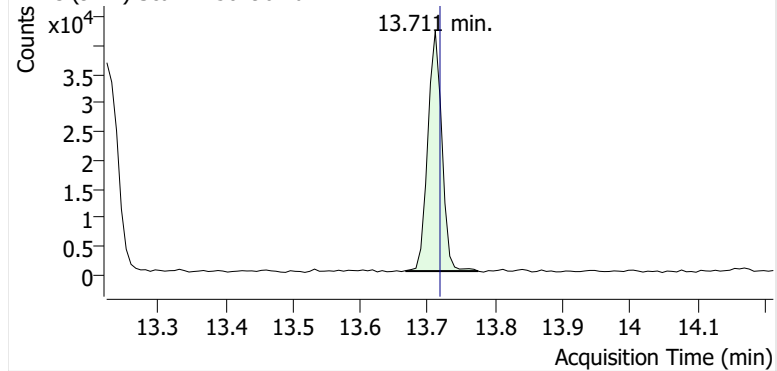


+ Scan (13.170-13.287 min, 16 scans) E2502967.d

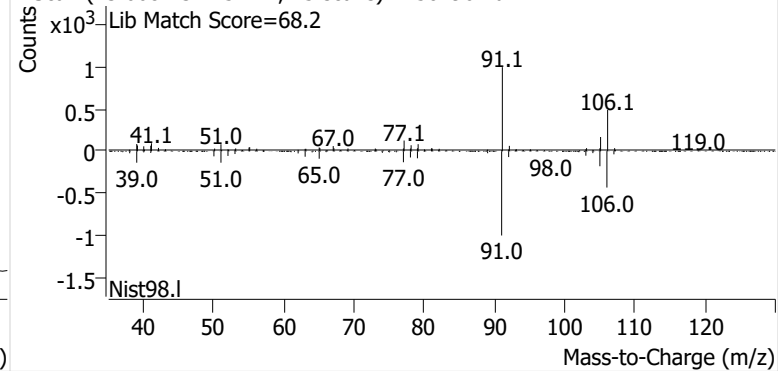


o-Xylene

+ EIC (91.1) Scan E2502967.d

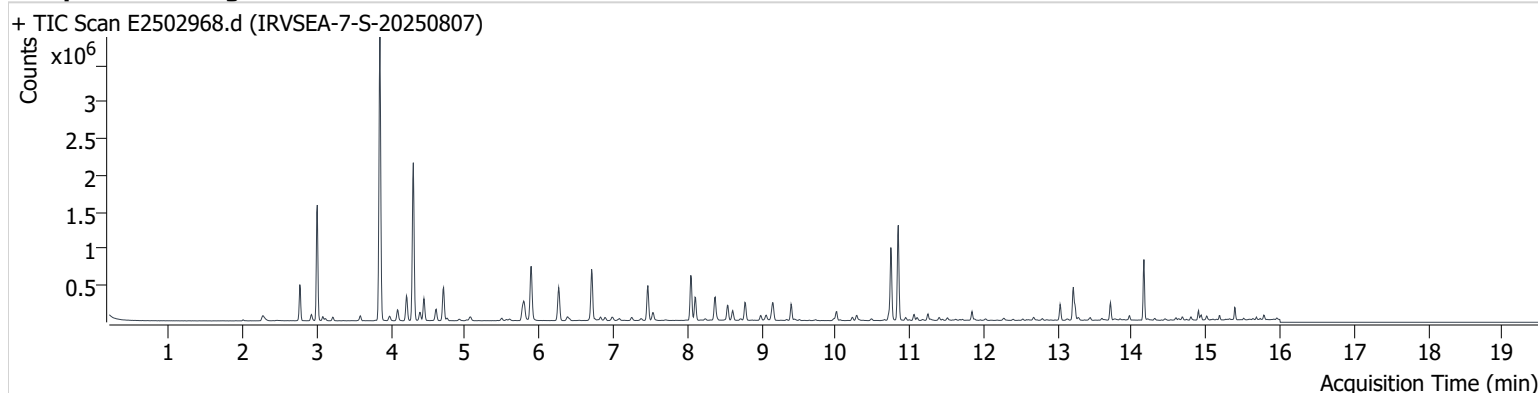


+ Scan (13.668-13.775 min, 15 scans) E2502967.d



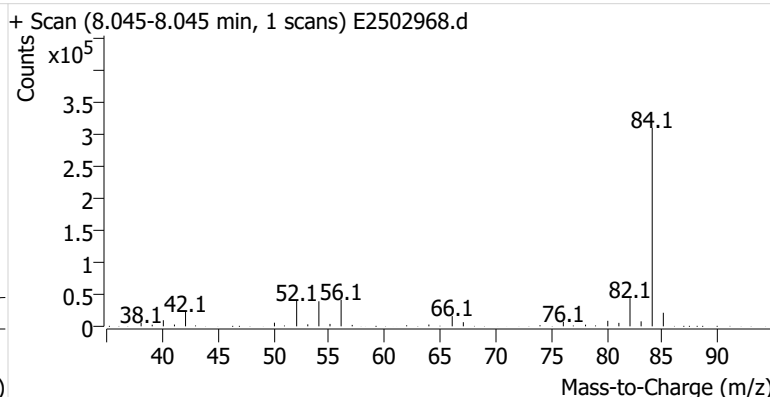
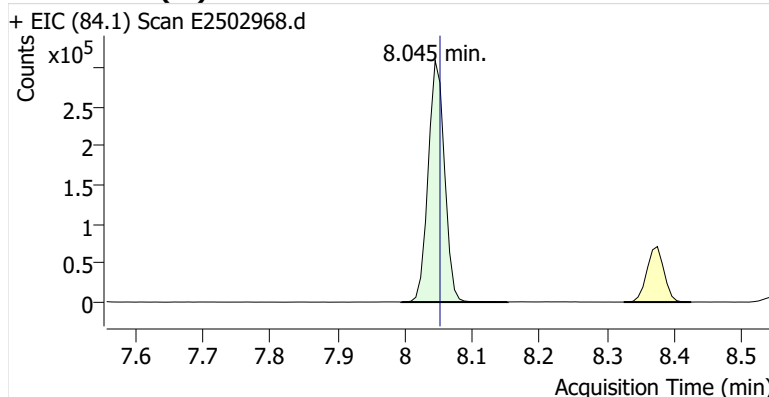
Name IRVSEA-7-S-20250807
Comment C34309; Recollect
Data File E2502968.d
Acq. Date-Time 8/27/2025 1:00:54 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

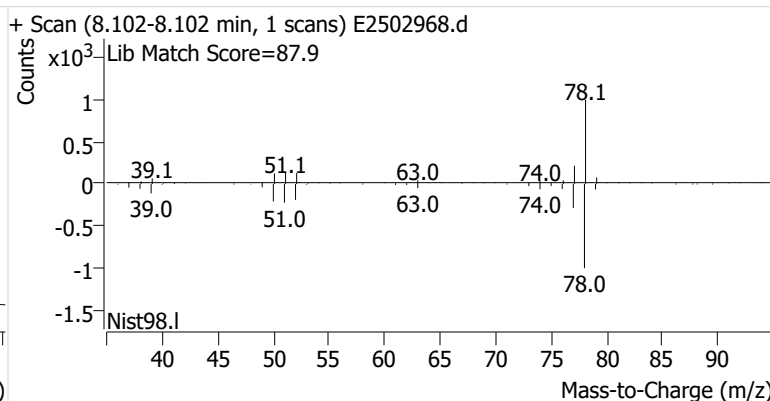
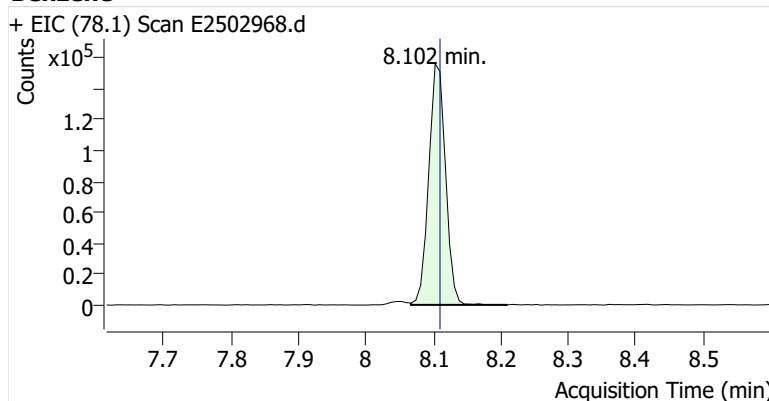


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	520,772	
Benzene	benzene-d6 (IS)	8.102	8.110	268,831	
Toluene-d8 (IS)		10.746	10.753	571,111	
Toluene	Toluene-d8 (IS)	10.846	10.846	793,715	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	135,789	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	331,770	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	126,663	

benzene-d6 (IS)

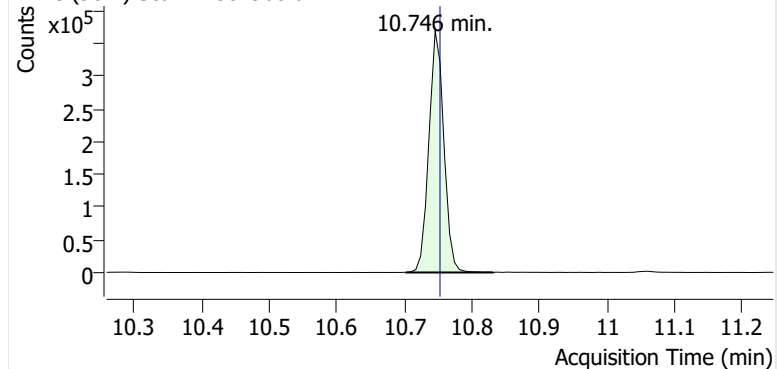


Benzene

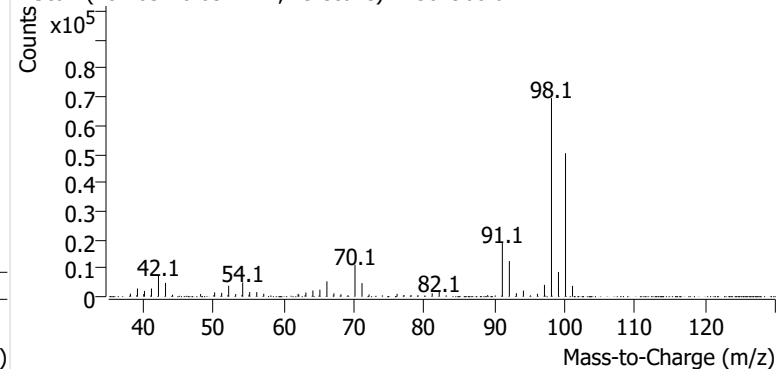


Toluene-d8 (IS)

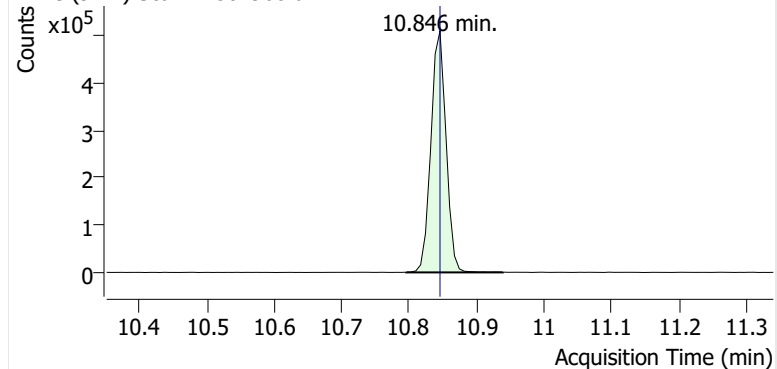
+ EIC (98.1) Scan E2502968.d



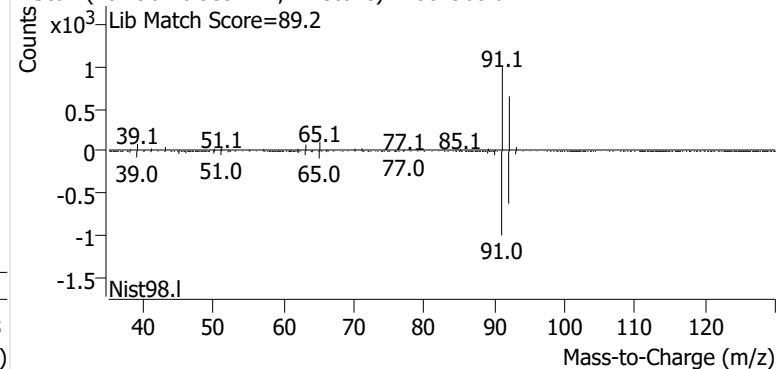
+ Scan (10.703-10.832 min, 19 scans) E2502968.d

**Toluene**

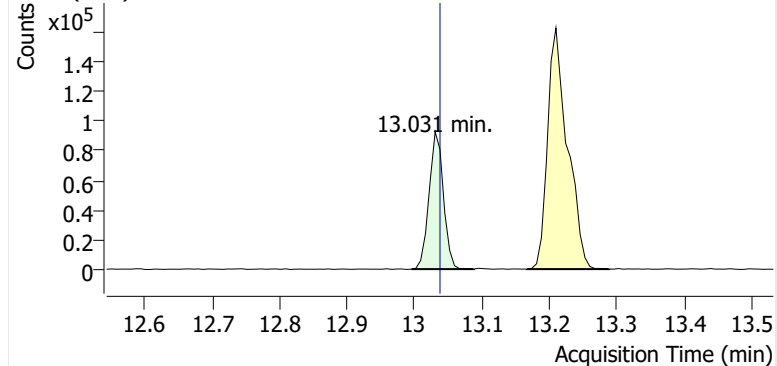
+ EIC (91.1) Scan E2502968.d



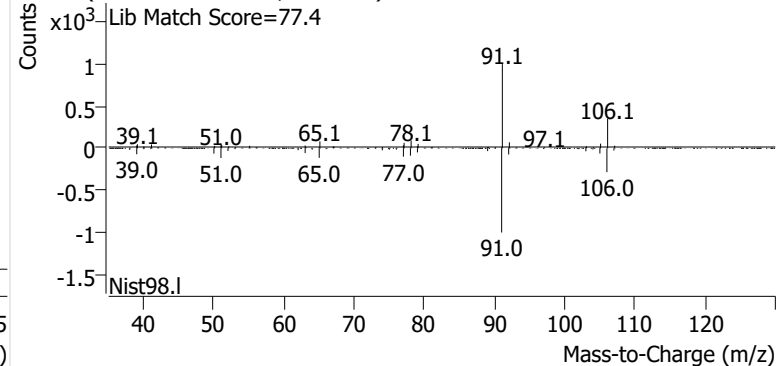
+ Scan (10.796-10.939 min, 21 scans) E2502968.d

**Ethylbenzene**

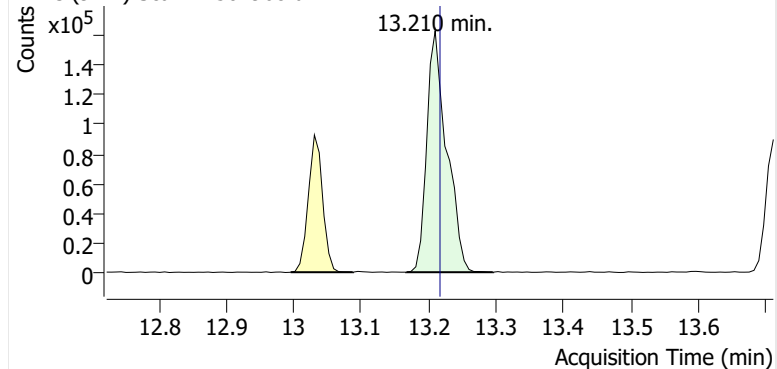
+ EIC (91.1) Scan E2502968.d



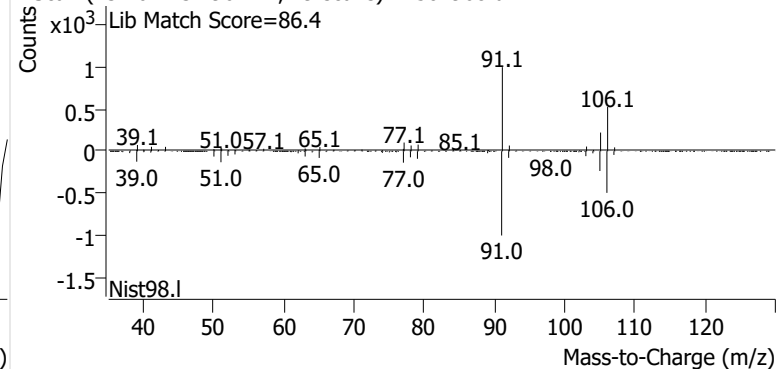
+ Scan (12.996-13.088 min, 13 scans) E2502968.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502968.d

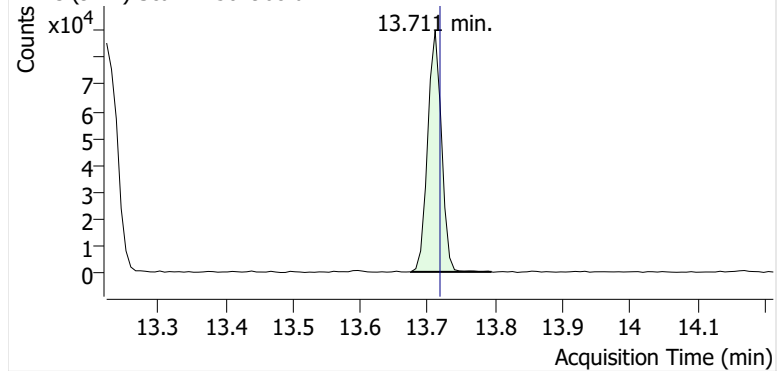


+ Scan (13.167-13.296 min, 19 scans) E2502968.d

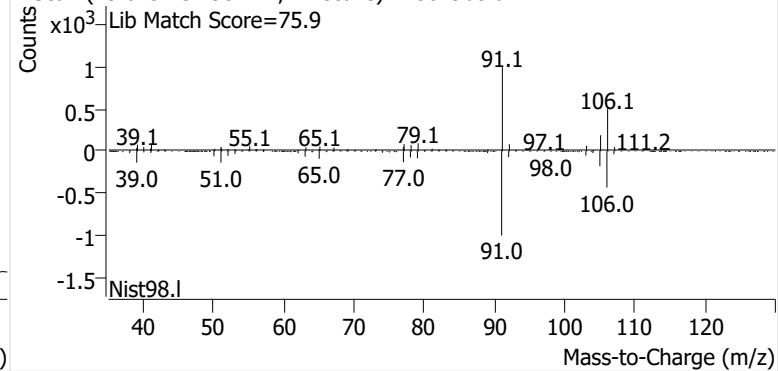


o-Xylene

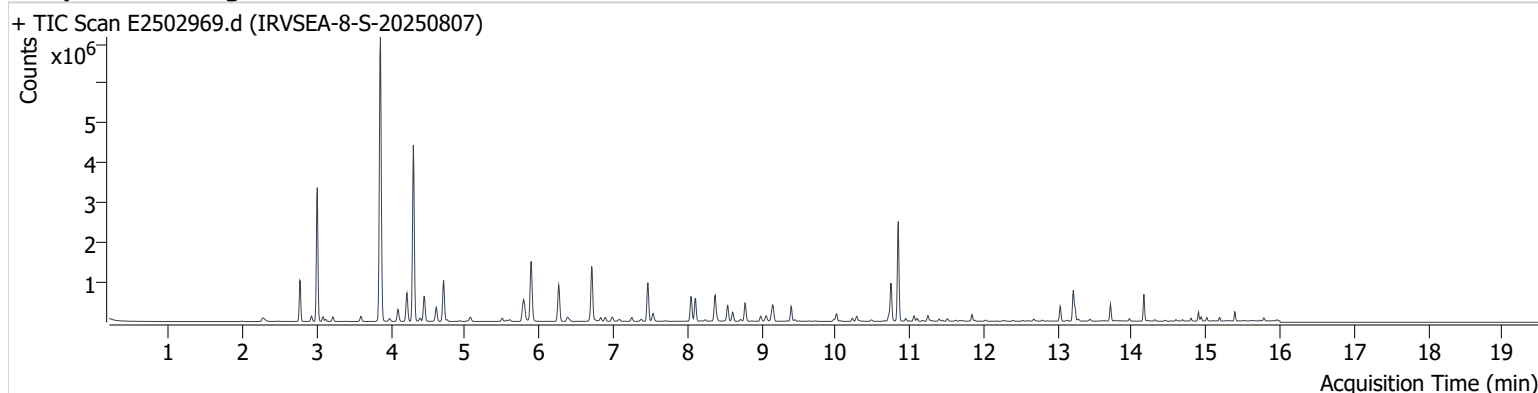
+ EIC (91.1) Scan E2502968.d



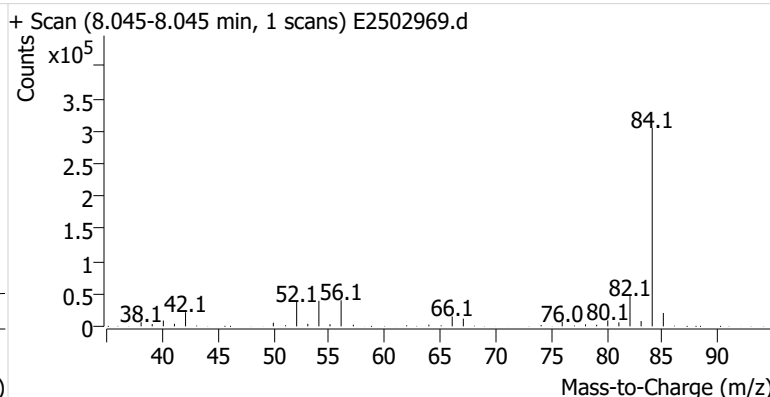
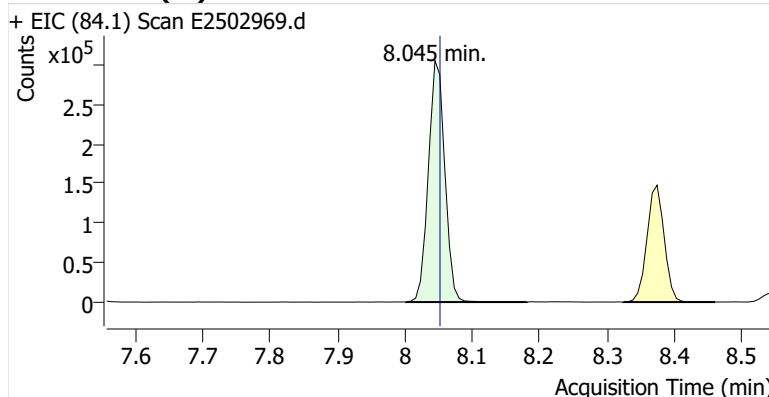
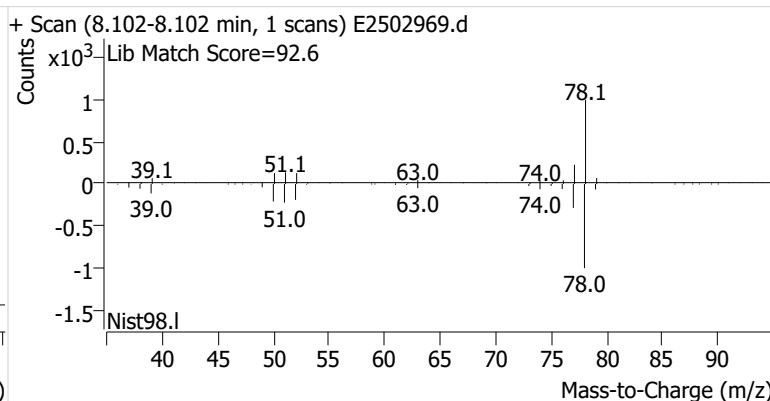
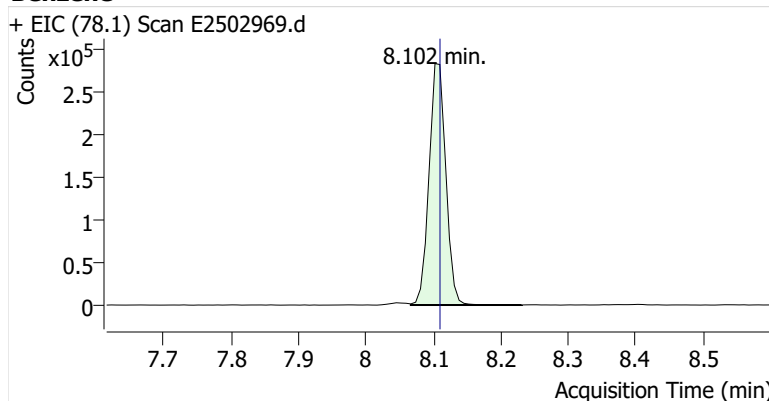
+ Scan (13.675-13.795 min, 17 scans) E2502968.d



Name IRVSEA-8-S-20250807
Comment C37425; Recollect
Data File E2502969.d
Acq. Date-Time 8/27/2025 1:25:45 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

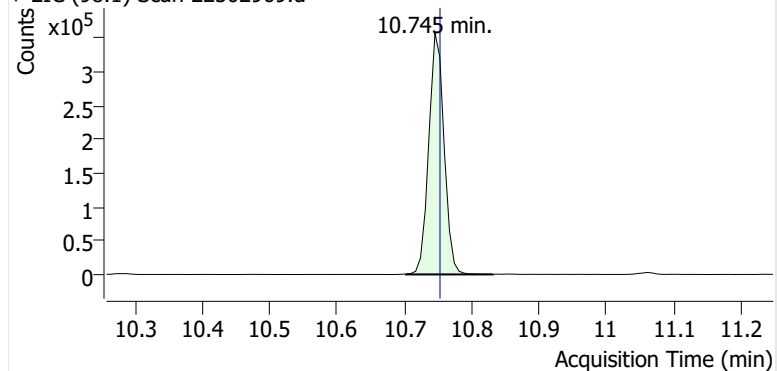
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	516,150	
Benzene	benzene-d6 (IS)	8.102	8.110	489,633	
Toluene-d8 (IS)		10.745	10.753	564,554	
Toluene	Toluene-d8 (IS)	10.846	10.846	1,535,664	
Ethylbenzene	Toluene-d8 (IS)	13.030	13.038	240,389	
m-/p-Xylenes	Toluene-d8 (IS)	13.209	13.217	573,030	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	222,887	

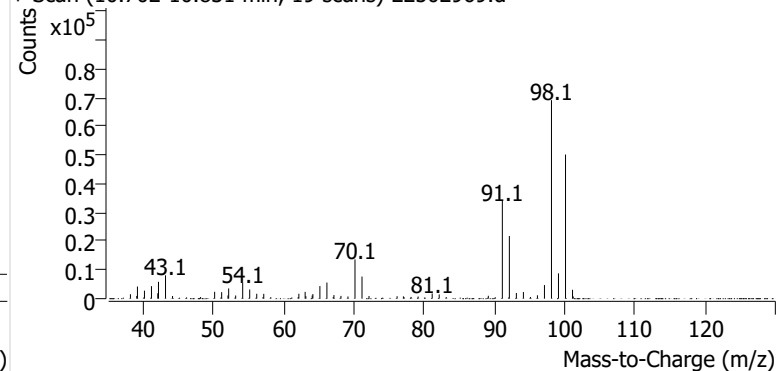
benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

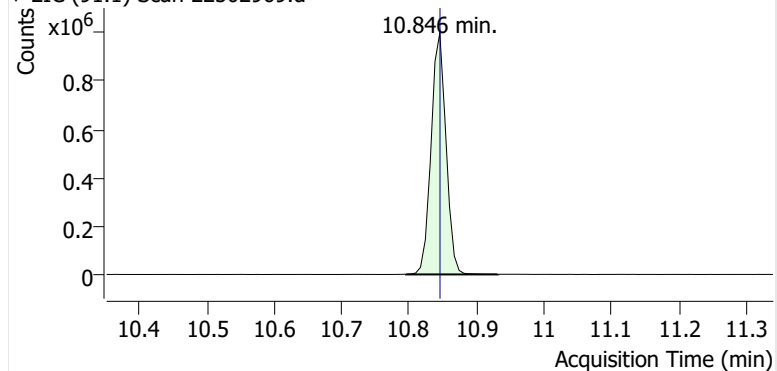
+ EIC (98.1) Scan E2502969.d



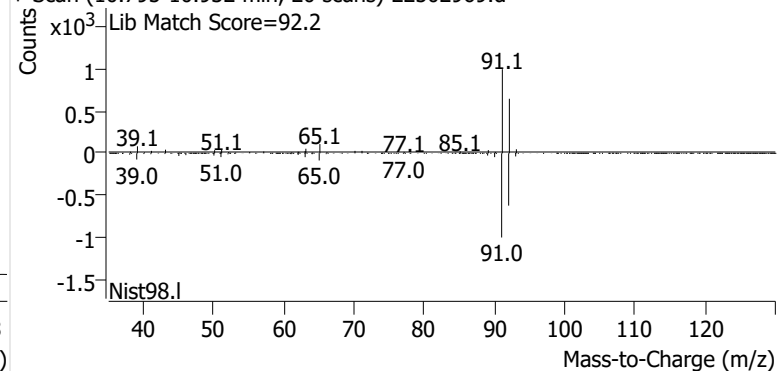
+ Scan (10.702-10.831 min, 19 scans) E2502969.d

**Toluene**

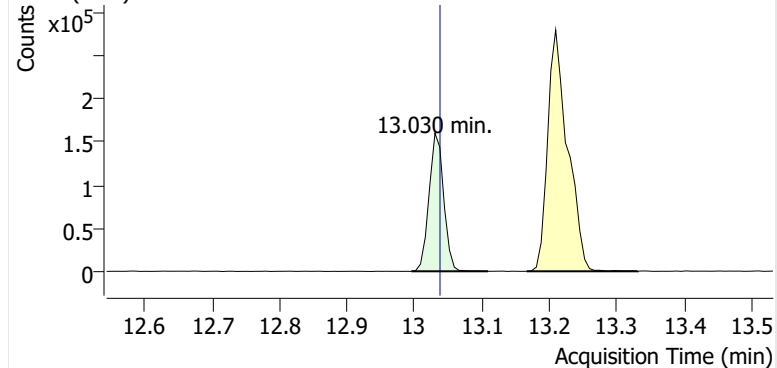
+ EIC (91.1) Scan E2502969.d



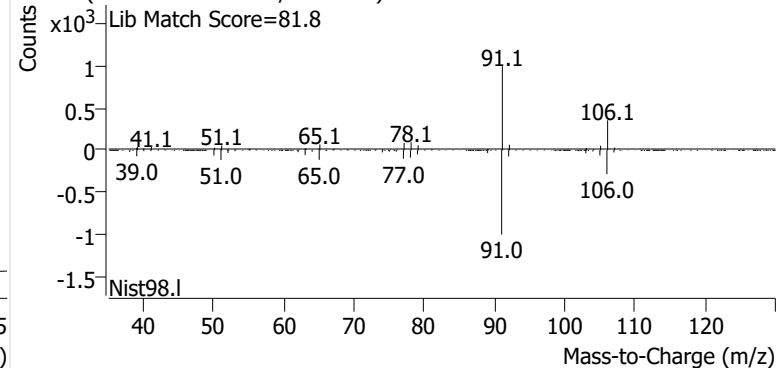
+ Scan (10.795-10.932 min, 20 scans) E2502969.d

**Ethylbenzene**

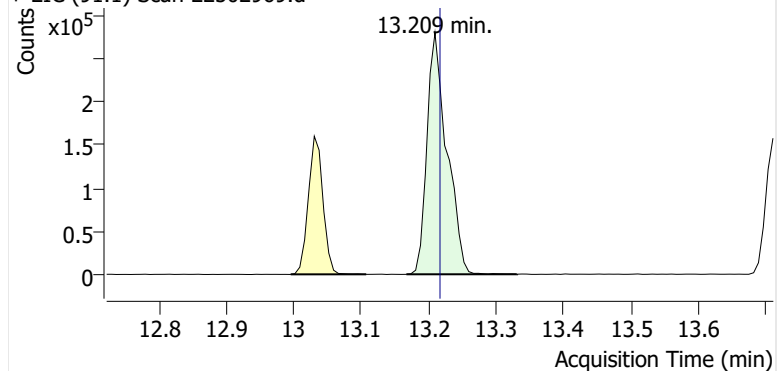
+ EIC (91.1) Scan E2502969.d



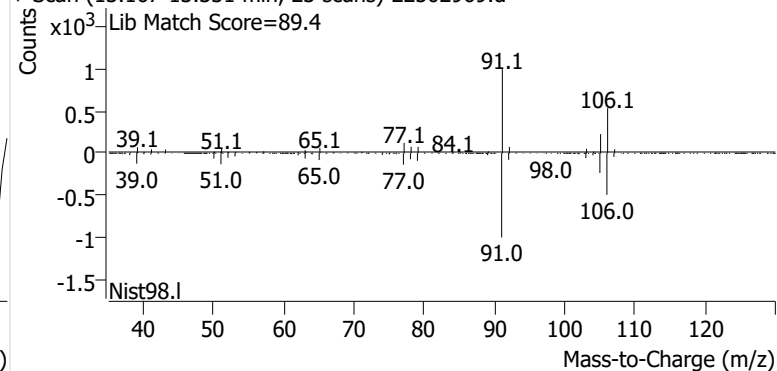
+ Scan (12.995-13.109 min, 16 scans) E2502969.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502969.d

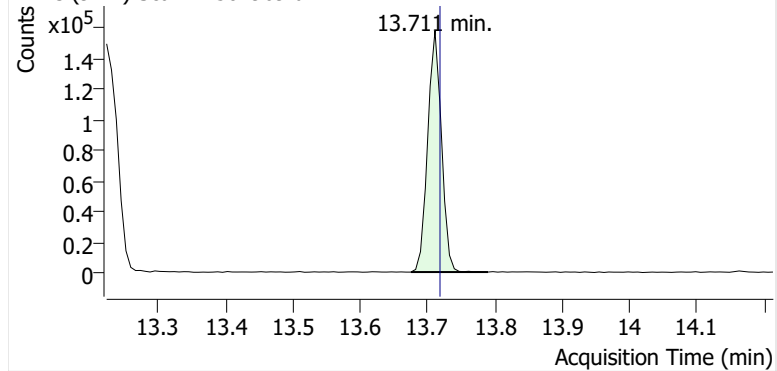


+ Scan (13.167-13.331 min, 23 scans) E2502969.d

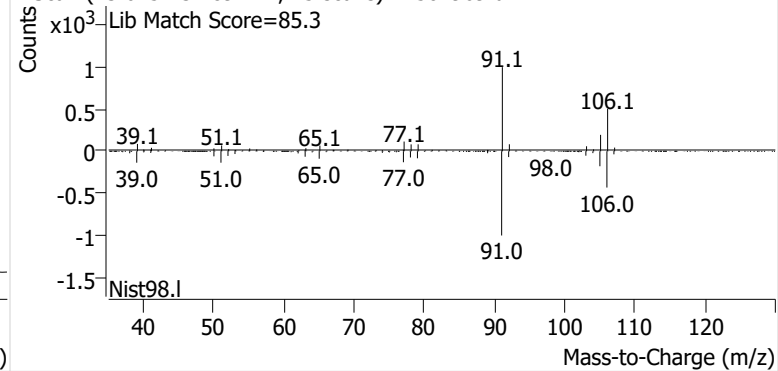


o-Xylene

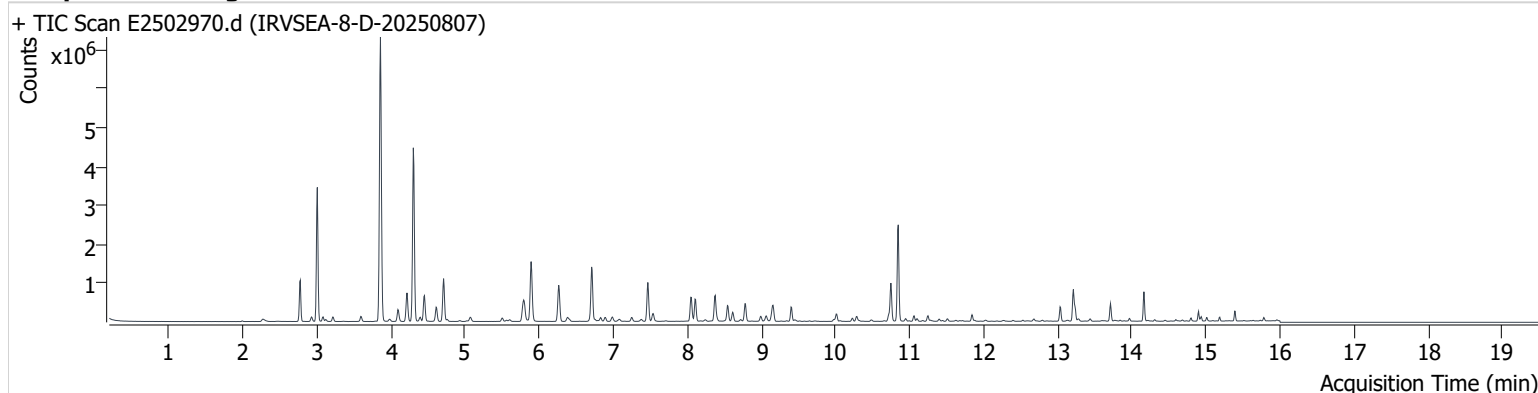
+ EIC (91.1) Scan E2502969.d



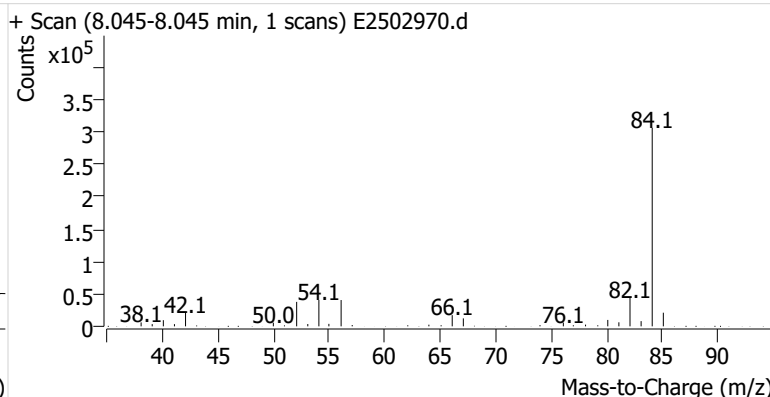
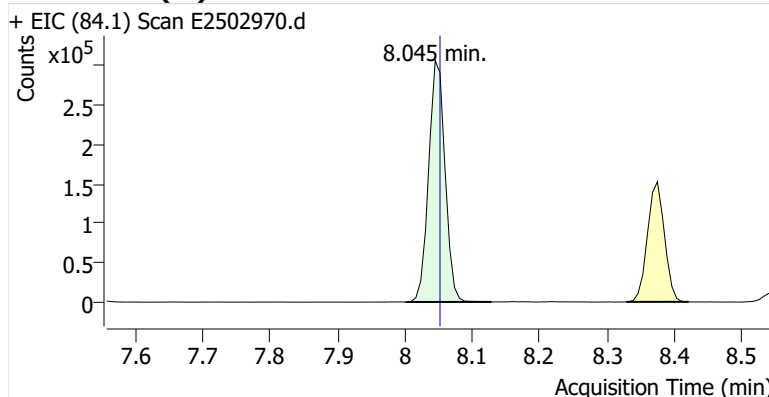
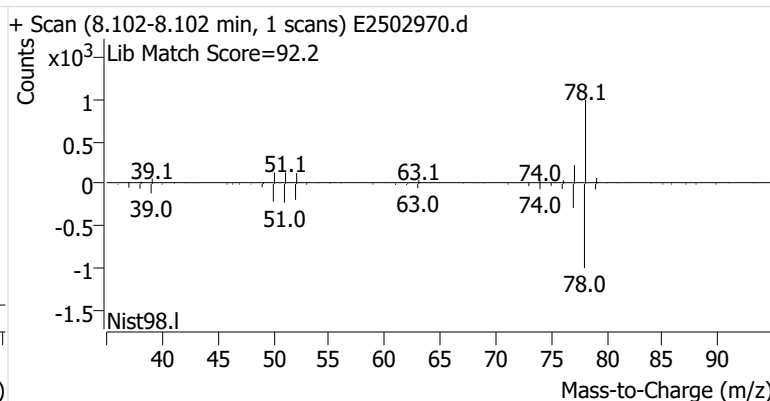
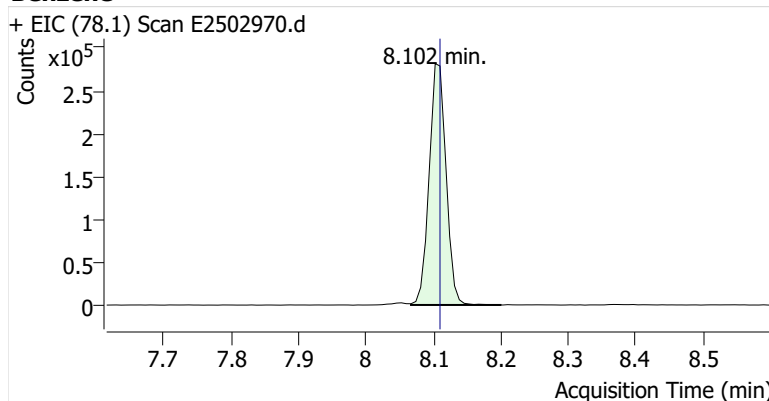
+ Scan (13.675-13.789 min, 15 scans) E2502969.d



Name IRVSEA-8-D-20250807
Comment B43918; Recollect
Data File E2502970.d
Acq. Date-Time 8/27/2025 1:50:42 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

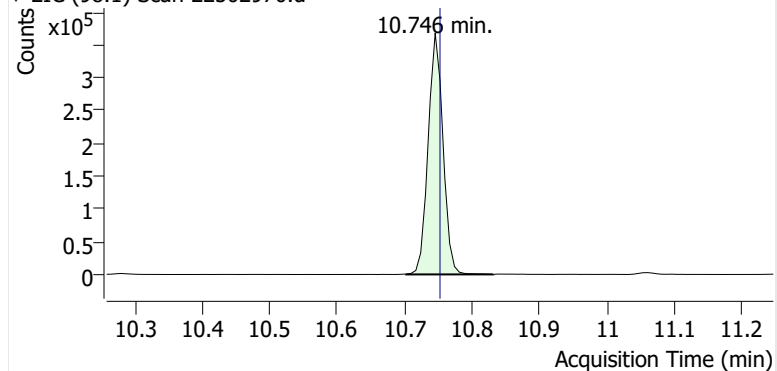
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	516,219	
Benzene	benzene-d6 (IS)	8.102	8.110	488,896	
Toluene-d8 (IS)		10.746	10.753	563,669	
Toluene	Toluene-d8 (IS)	10.846	10.846	1,558,976	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	247,284	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	596,455	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	238,249	

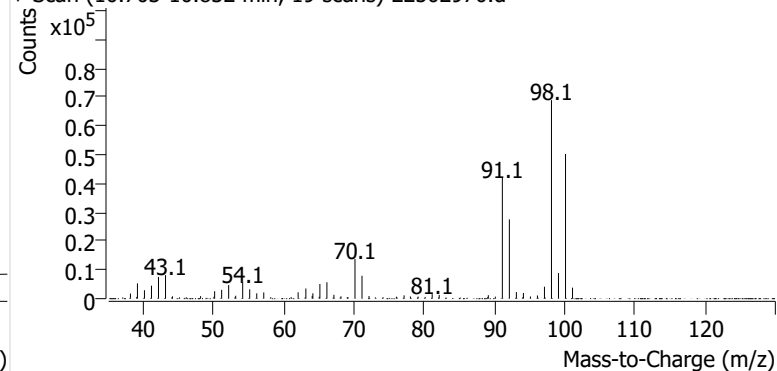
benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

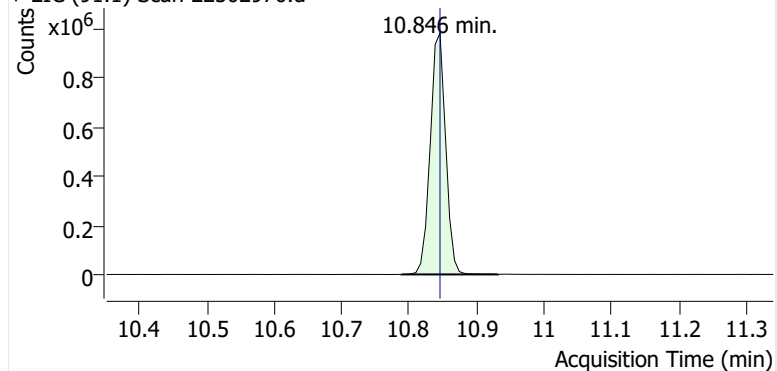
+ EIC (98.1) Scan E2502970.d



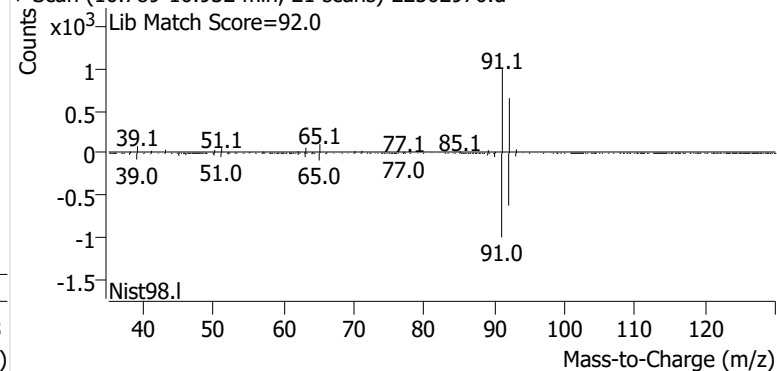
+ Scan (10.703-10.832 min, 19 scans) E2502970.d

**Toluene**

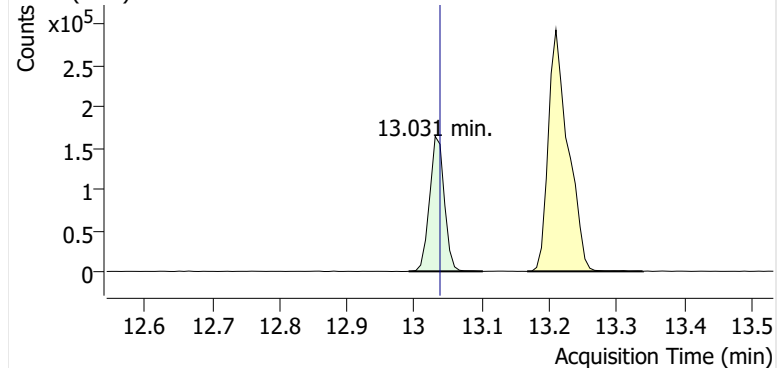
+ EIC (91.1) Scan E2502970.d



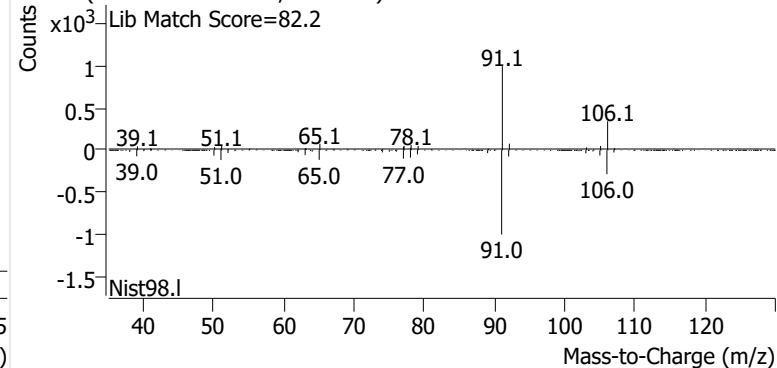
+ Scan (10.789-10.932 min, 21 scans) E2502970.d

**Ethylbenzene**

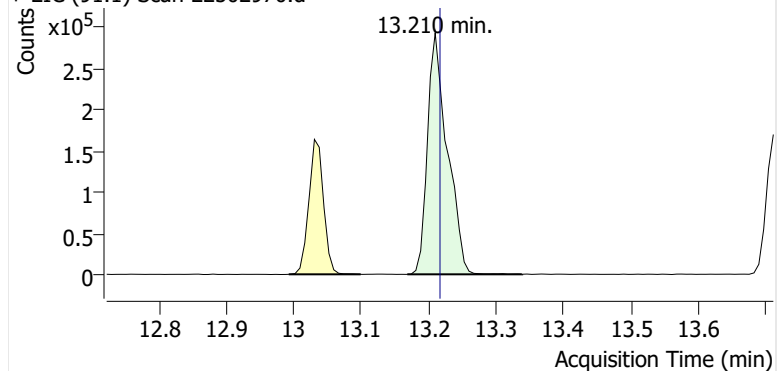
+ EIC (91.1) Scan E2502970.d



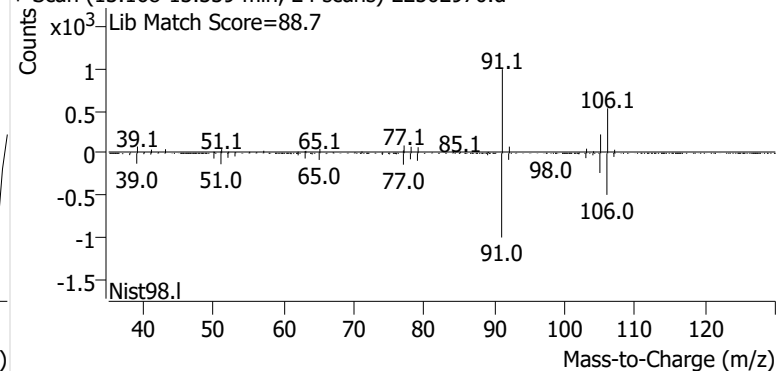
+ Scan (12.991-13.101 min, 15 scans) E2502970.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502970.d

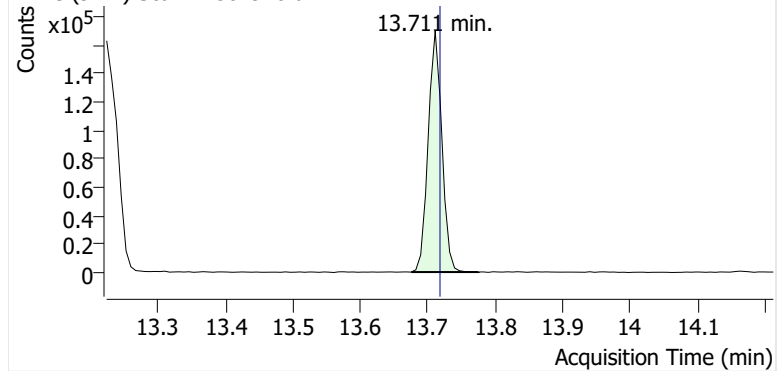


+ Scan (13.168-13.339 min, 24 scans) E2502970.d

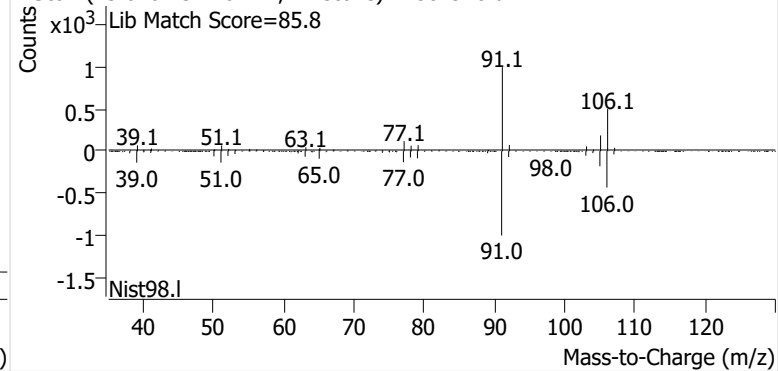


o-Xylene

+ EIC (91.1) Scan E2502970.d

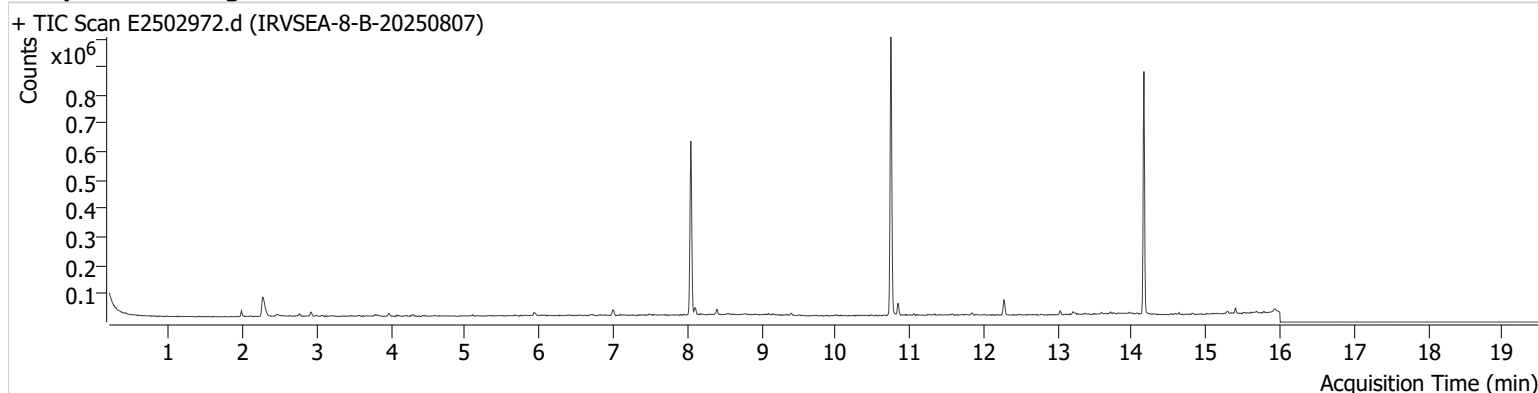


+ Scan (13.676-13.776 min, 14 scans) E2502970.d



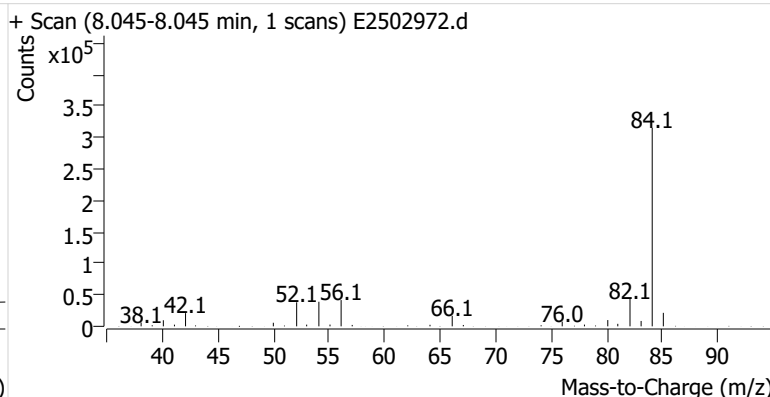
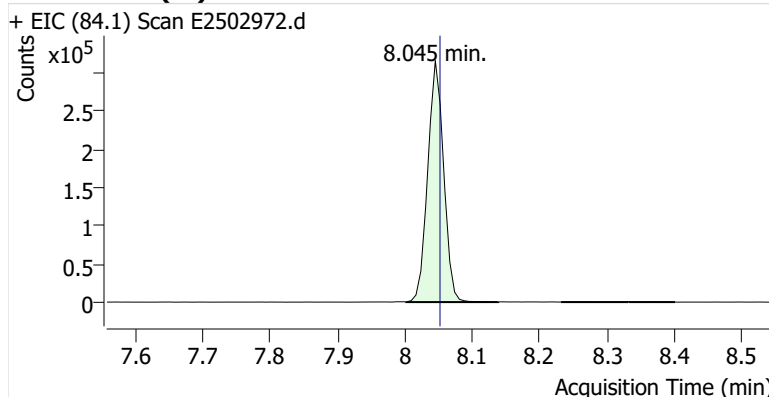
Name IRVSEA-8-B-20250807
Comment C43870; Recollect
Data File E2502972.d
Acq. Date-Time 8/27/2025 2:40:33 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

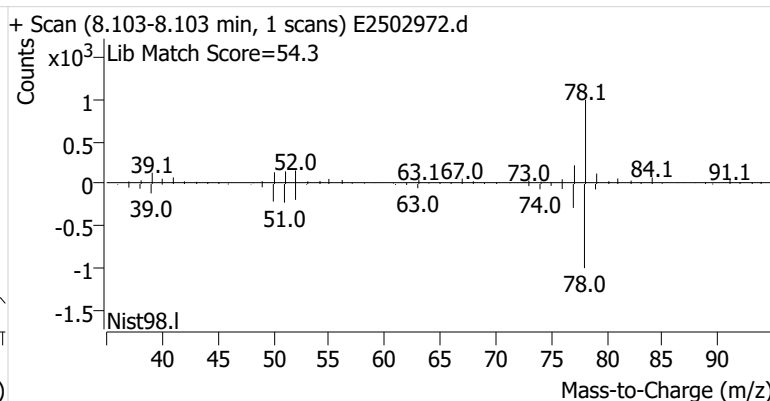
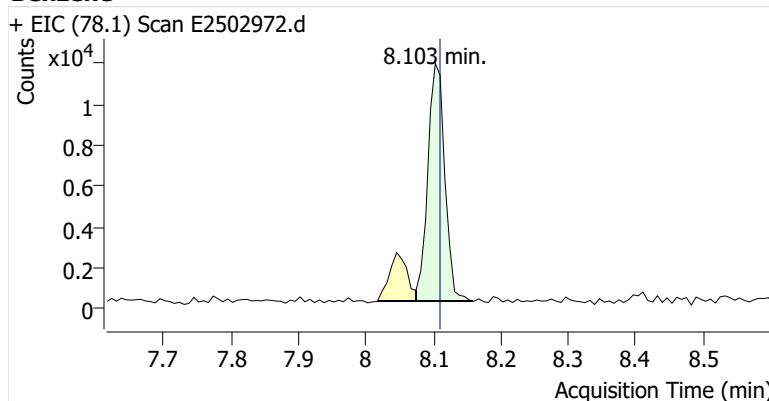


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	518,702	
Benzene	benzene-d6 (IS)	8.103	8.110	20,324	
Toluene-d8 (IS)		10.746	10.753	567,439	
Toluene	Toluene-d8 (IS)	10.839	10.846	26,278	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	7,723	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	5,438	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	3,209	

benzene-d6 (IS)

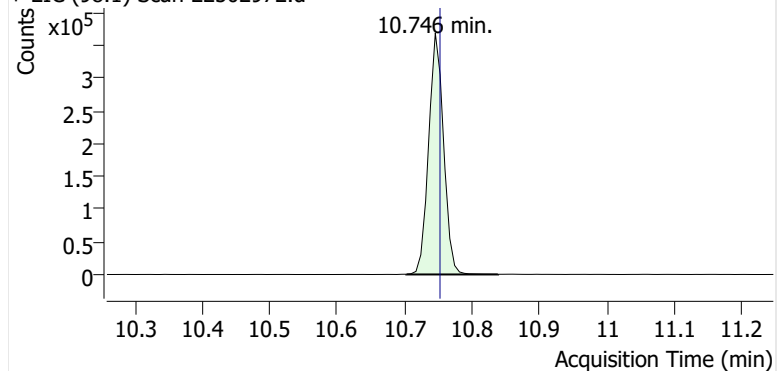


Benzene

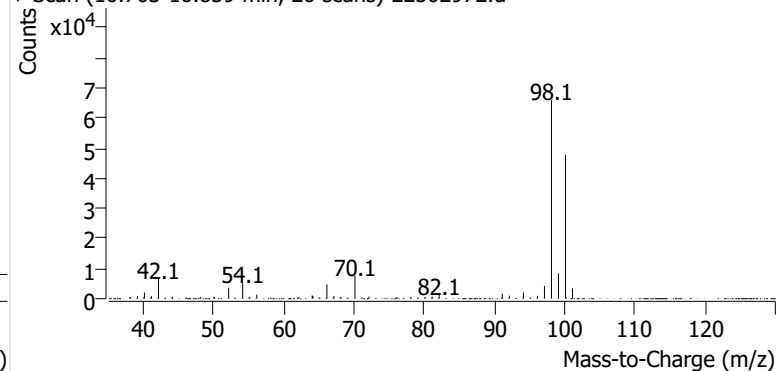


Toluene-d8 (IS)

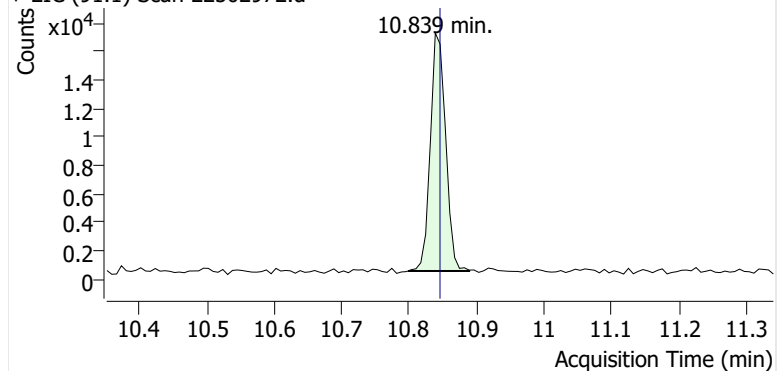
+ EIC (98.1) Scan E2502972.d



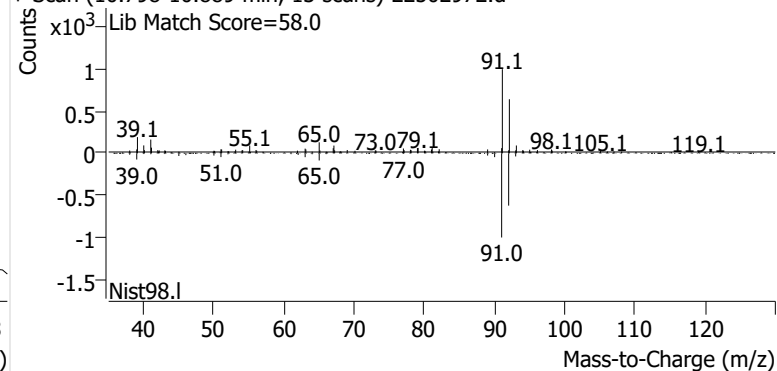
+ Scan (10.703-10.839 min, 20 scans) E2502972.d

**Toluene**

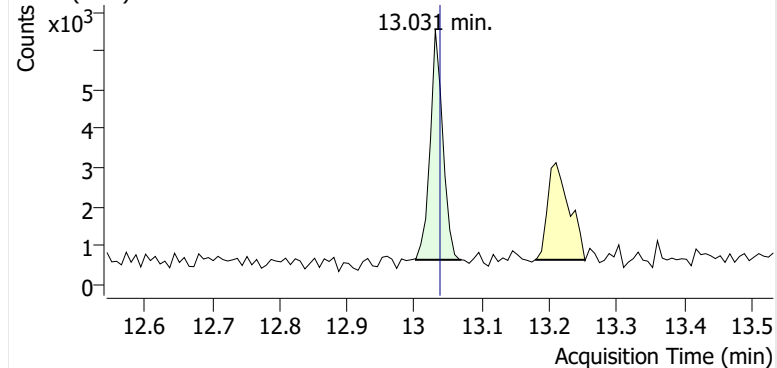
+ EIC (91.1) Scan E2502972.d



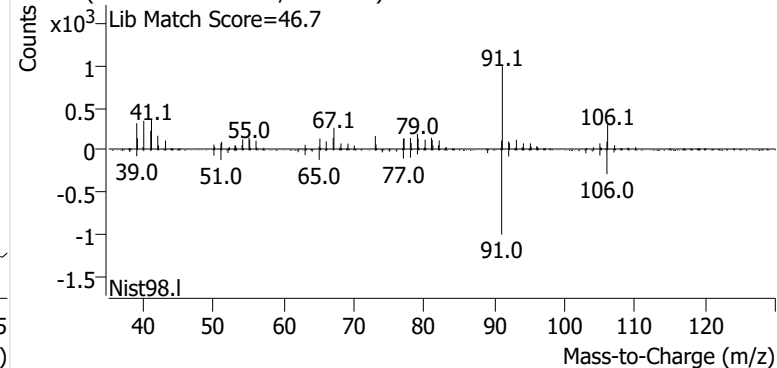
+ Scan (10.798-10.889 min, 13 scans) E2502972.d

**Ethylbenzene**

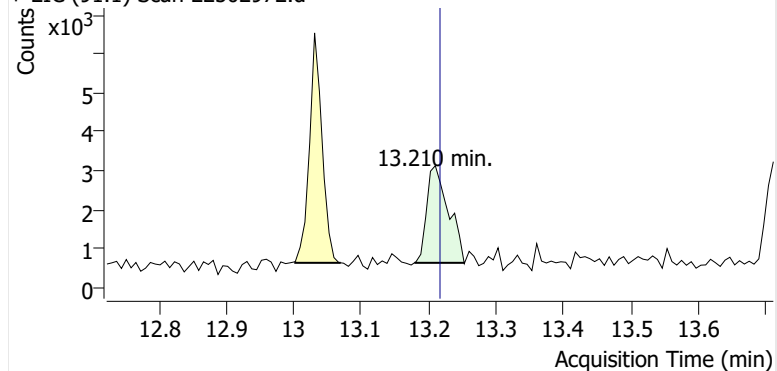
+ EIC (91.1) Scan E2502972.d



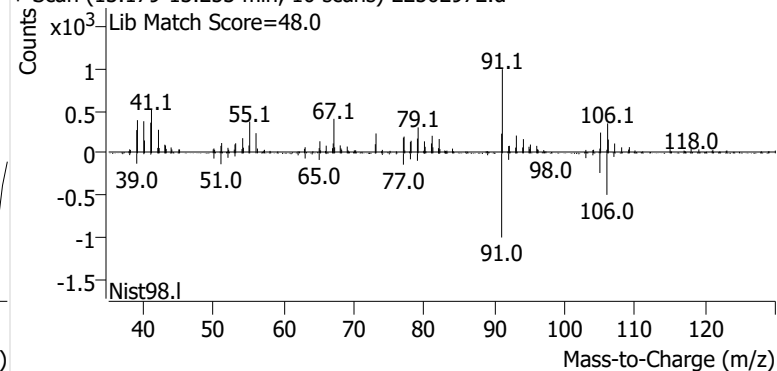
+ Scan (13.002-13.069 min, 10 scans) E2502972.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502972.d

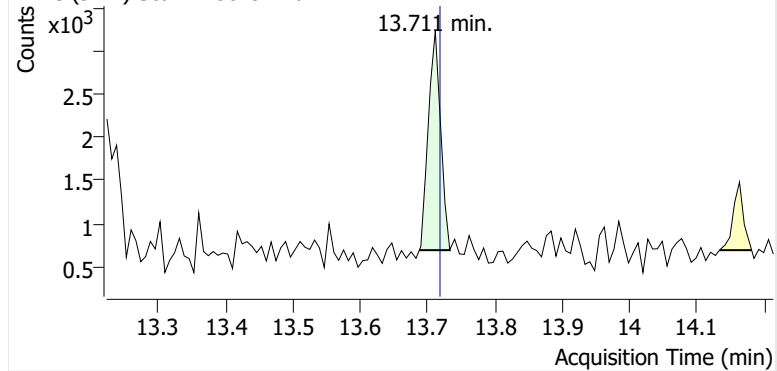


+ Scan (13.179-13.253 min, 10 scans) E2502972.d

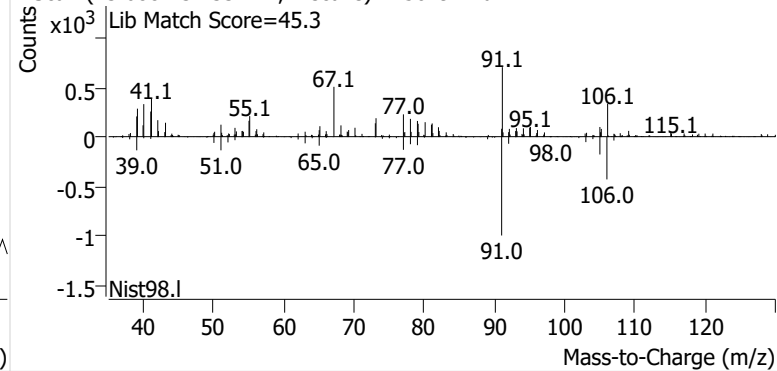


o-Xylene

+ EIC (91.1) Scan E2502972.d

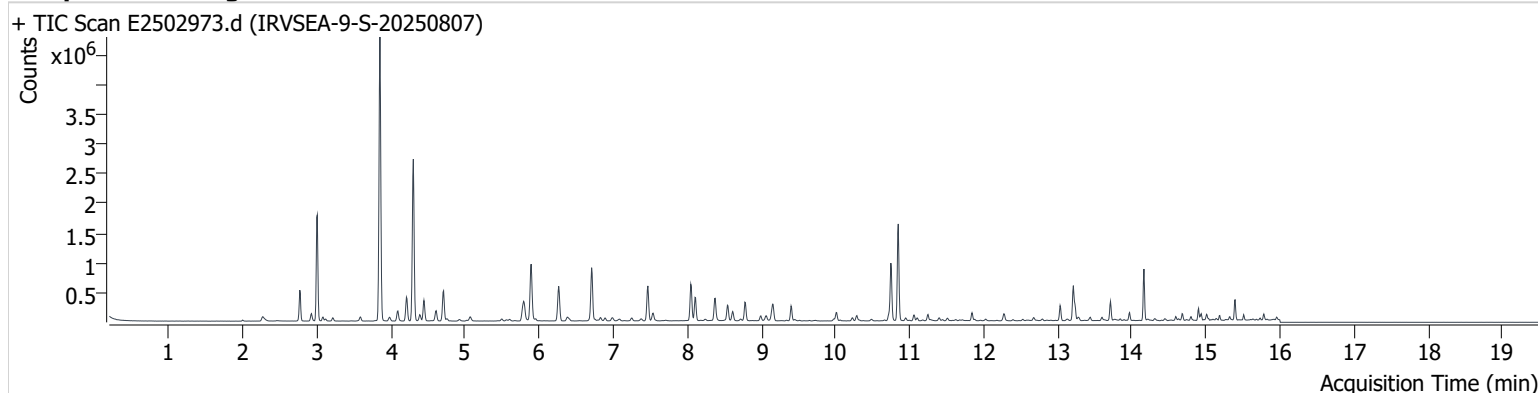


+ Scan (13.688-13.733 min, 7 scans) E2502972.d



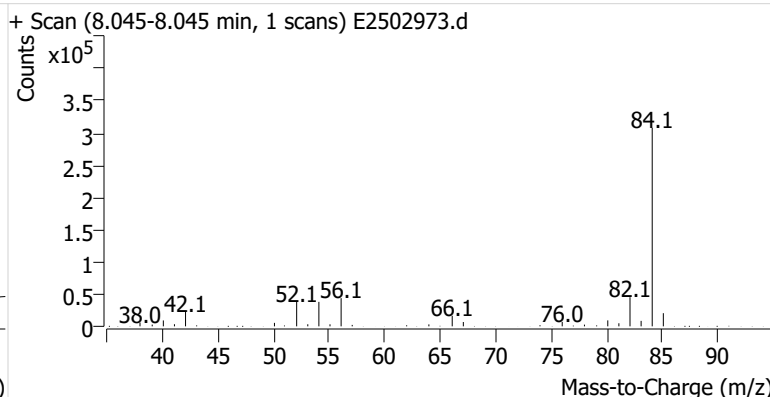
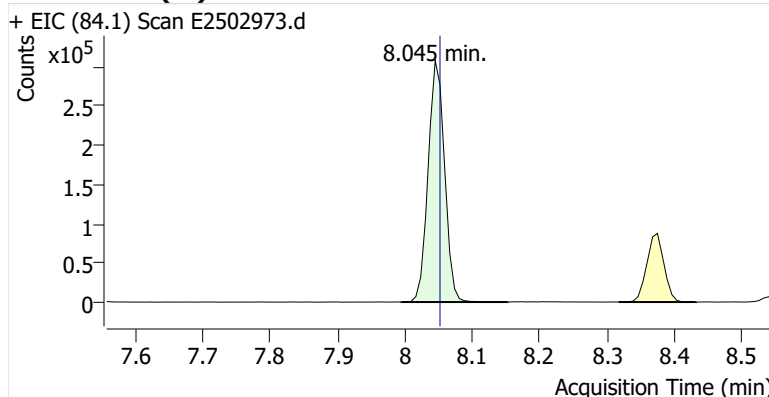
Name IRVSEA-9-S-20250807
Comment C60208; Recollect
Data File E2502973.d
Acq. Date-Time 8/27/2025 3:05:35 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

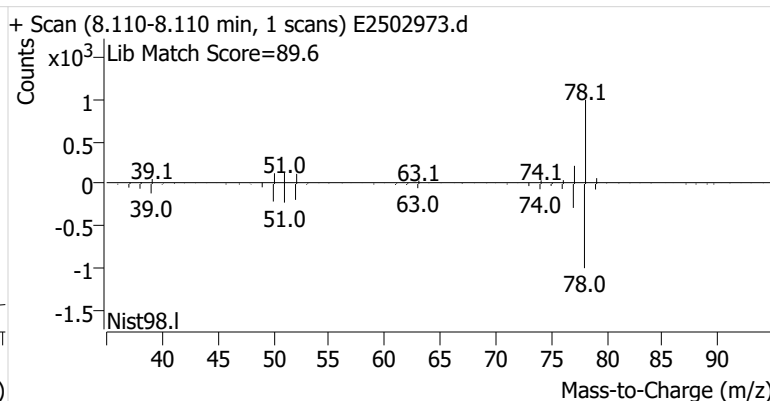
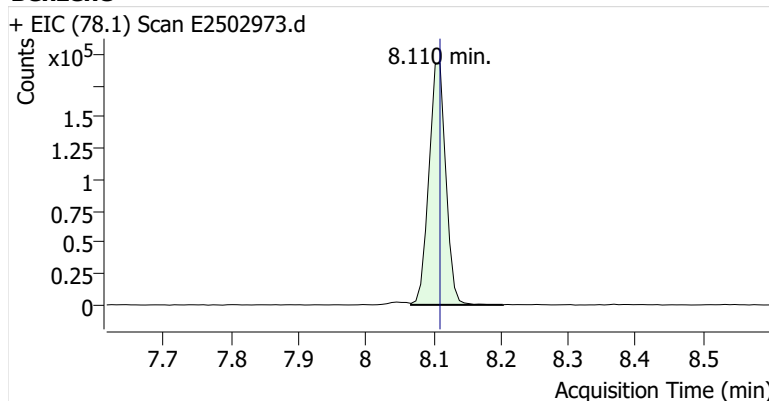


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	522,553	
Benzene	benzene-d6 (IS)	8.110	8.110	334,775	
Toluene-d8 (IS)		10.746	10.753	567,129	
Toluene	Toluene-d8 (IS)	10.846	10.846	1,009,448	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	158,218	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	429,141	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	167,390	

benzene-d6 (IS)

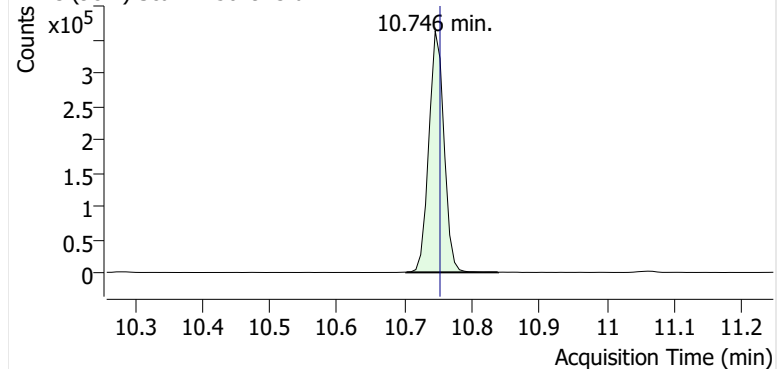


Benzene

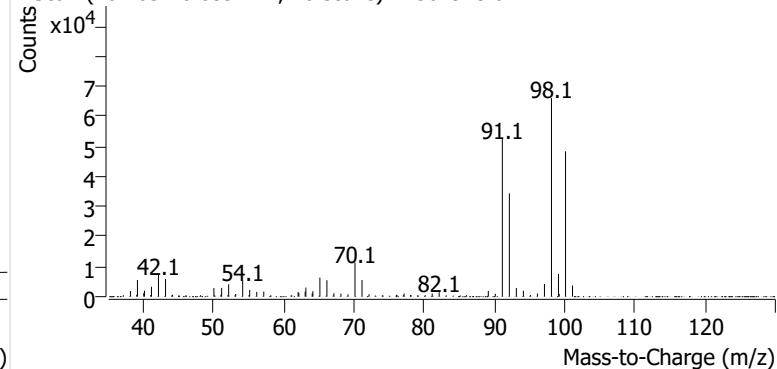


Toluene-d8 (IS)

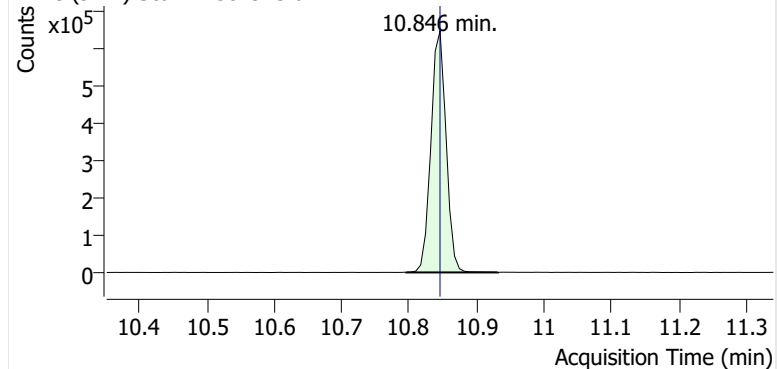
+ EIC (98.1) Scan E2502973.d



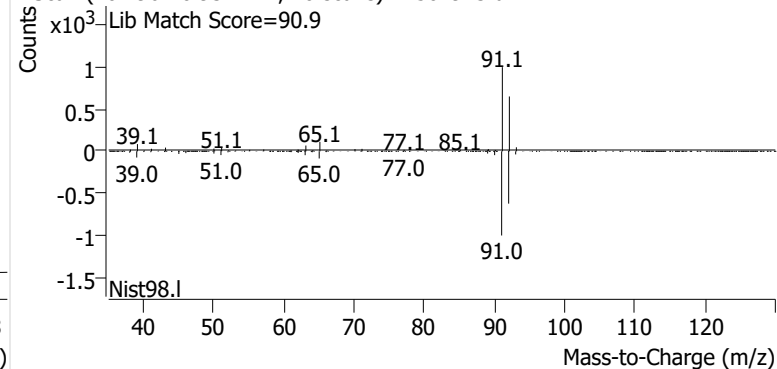
+ Scan (10.703-10.839 min, 20 scans) E2502973.d

**Toluene**

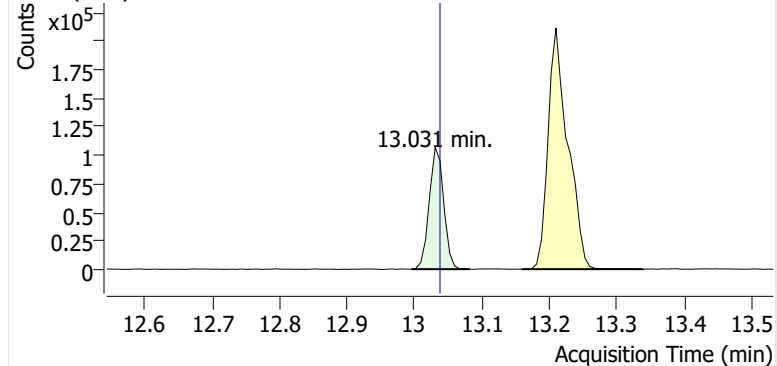
+ EIC (91.1) Scan E2502973.d



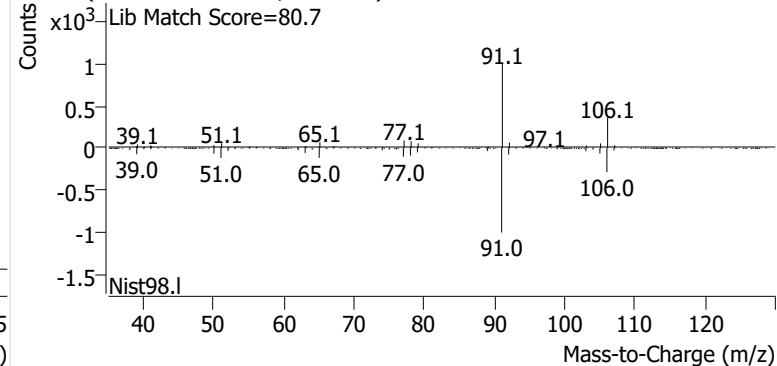
+ Scan (10.796-10.932 min, 20 scans) E2502973.d

**Ethylbenzene**

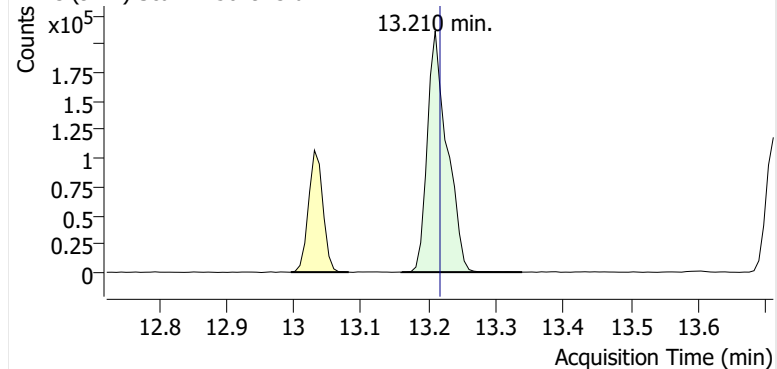
+ EIC (91.1) Scan E2502973.d



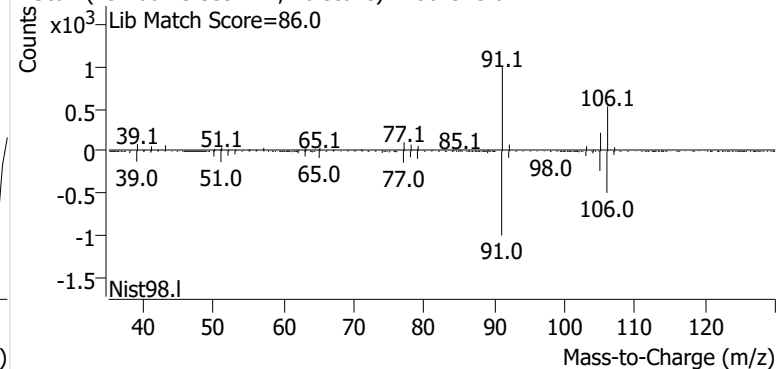
+ Scan (12.996-13.082 min, 12 scans) E2502973.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502973.d

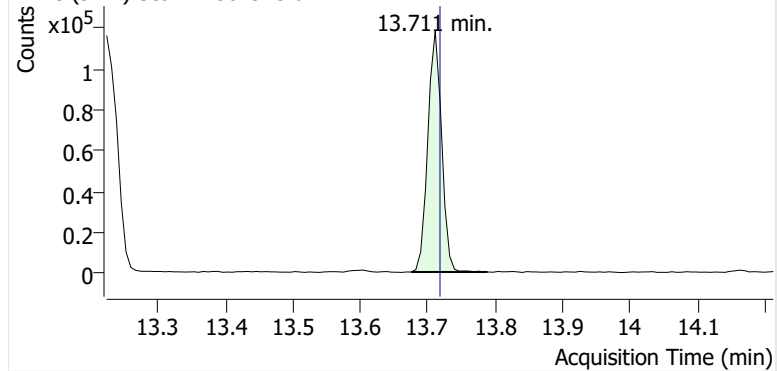


+ Scan (13.160-13.339 min, 26 scans) E2502973.d

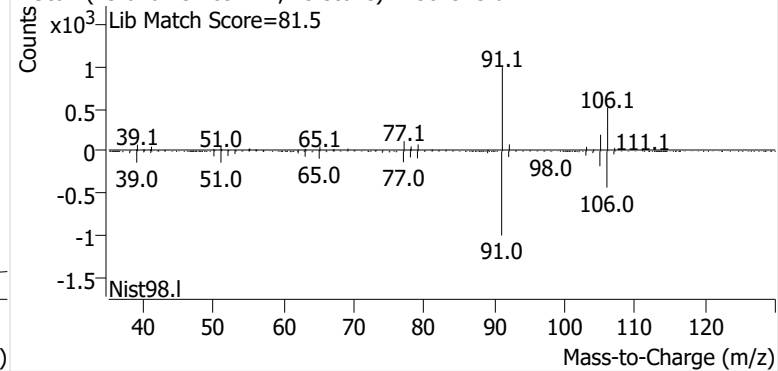


o-Xylene

+ EIC (91.1) Scan E2502973.d

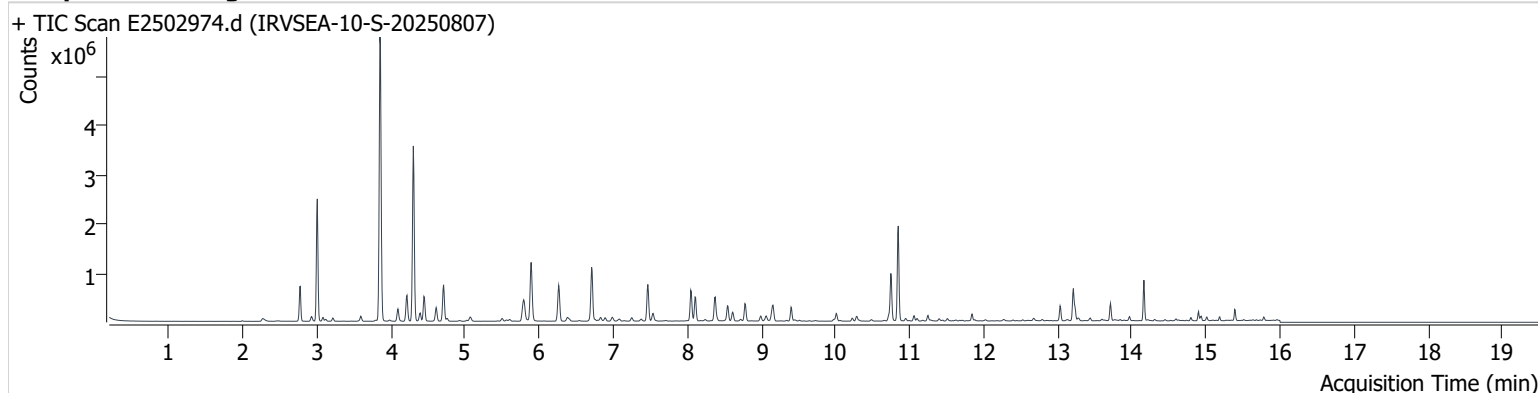


+ Scan (13.676-13.789 min, 15 scans) E2502973.d



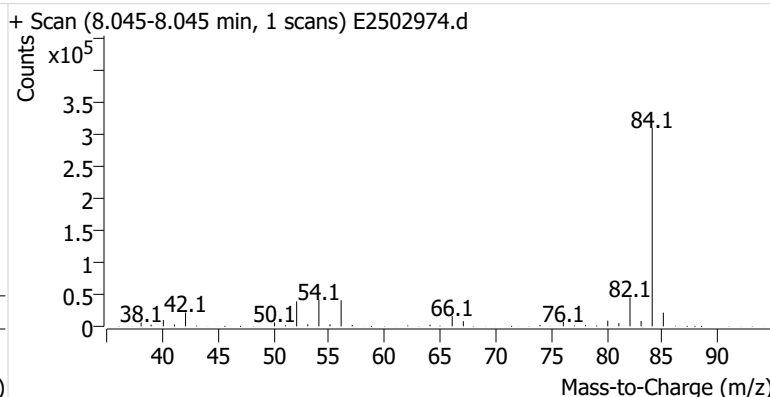
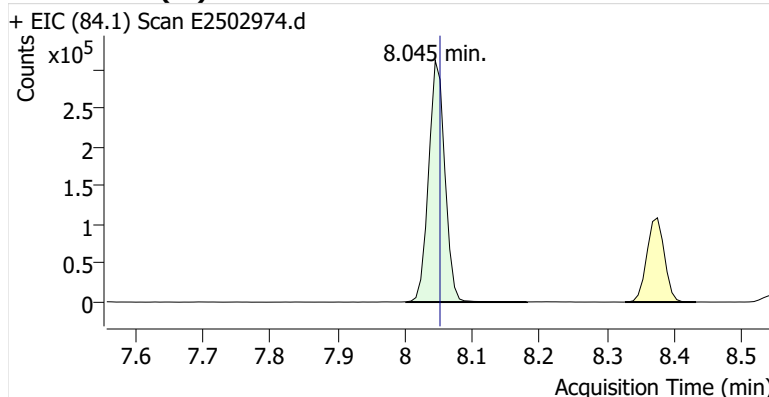
Name IRVSEA-10-S-20250807
Comment B44216; Recollect
Data File E2502974.d
Acq. Date-Time 8/27/2025 3:30:35 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

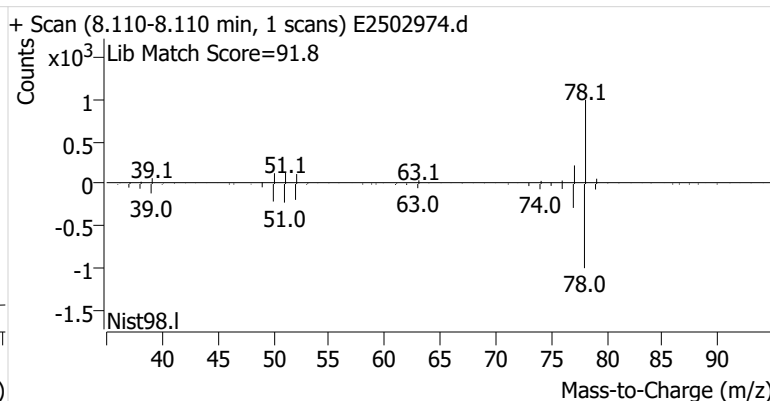
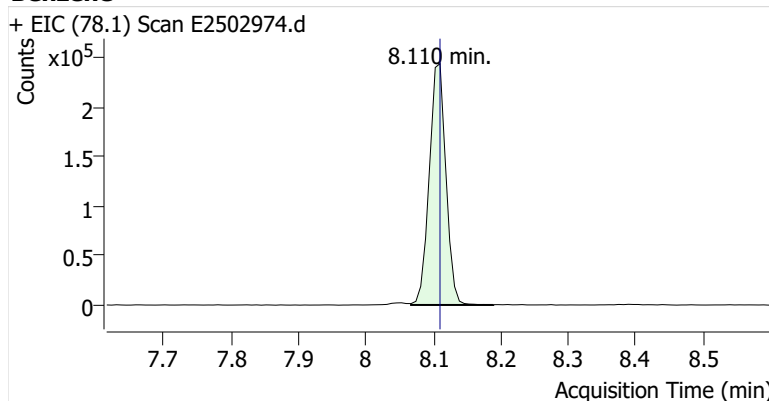


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	519,764	
Benzene	benzene-d6 (IS)	8.110	8.110	417,510	
Toluene-d8 (IS)		10.746	10.753	564,515	
Toluene	Toluene-d8 (IS)	10.846	10.846	1,190,800	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	196,277	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	468,541	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	189,438	

benzene-d6 (IS)

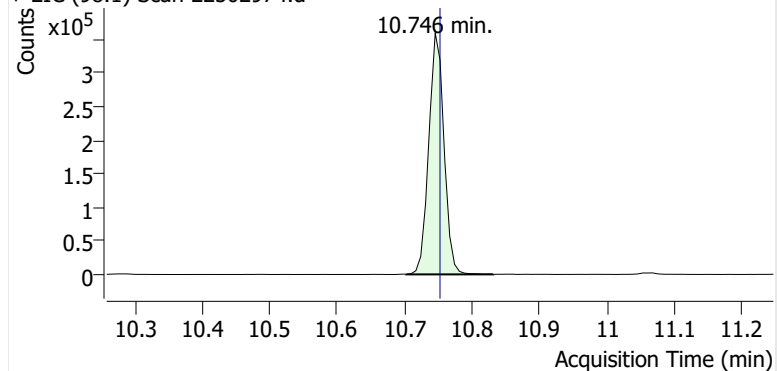


Benzene

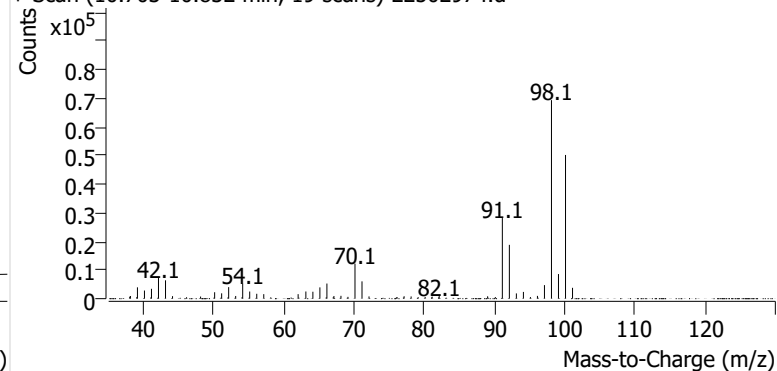


Toluene-d8 (IS)

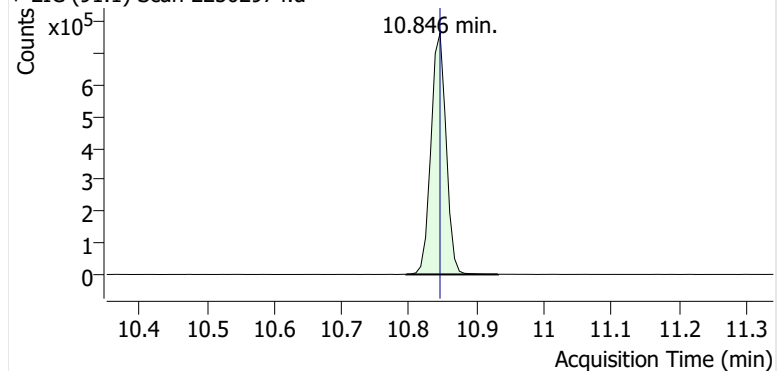
+ EIC (98.1) Scan E2502974.d



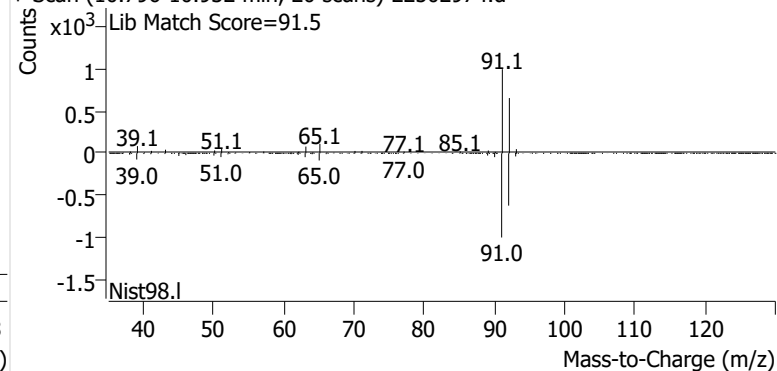
+ Scan (10.703-10.832 min, 19 scans) E2502974.d

**Toluene**

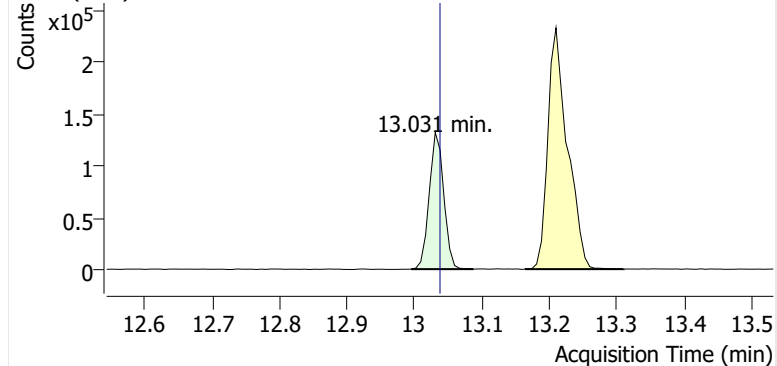
+ EIC (91.1) Scan E2502974.d



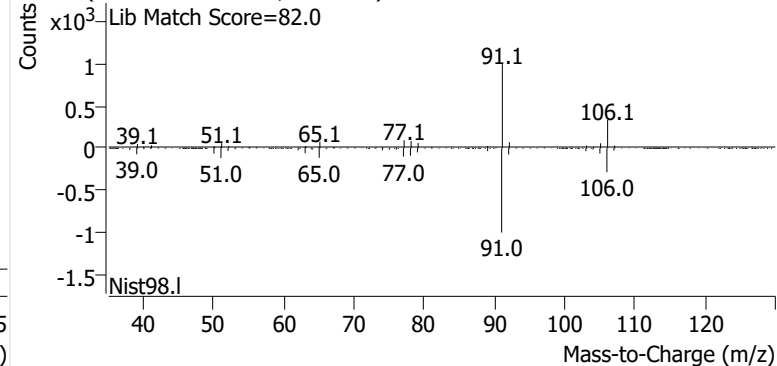
+ Scan (10.796-10.932 min, 20 scans) E2502974.d

**Ethylbenzene**

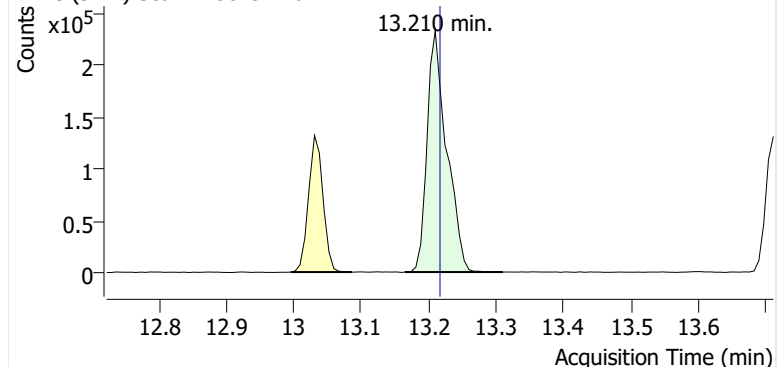
+ EIC (91.1) Scan E2502974.d



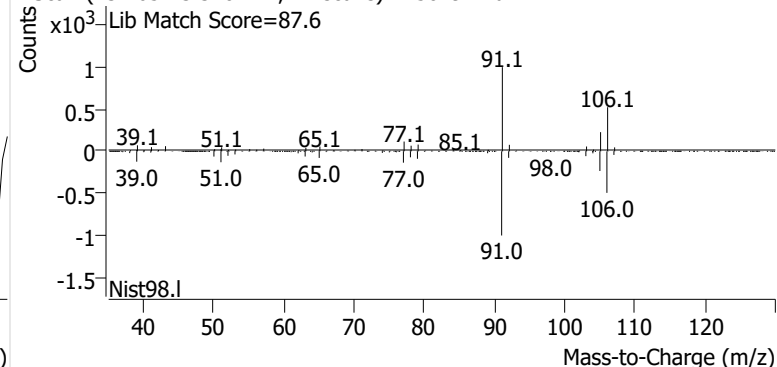
+ Scan (12.995-13.087 min, 12 scans) E2502974.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502974.d

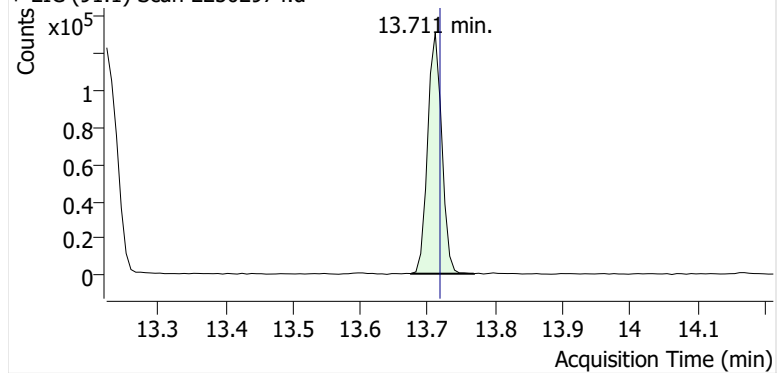


+ Scan (13.165-13.310 min, 21 scans) E2502974.d

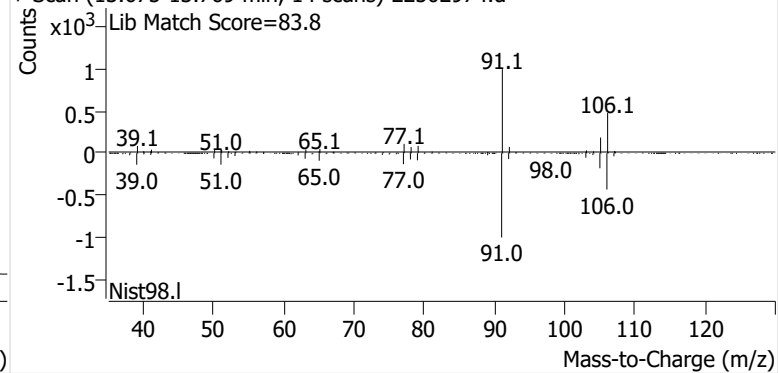


o-Xylene

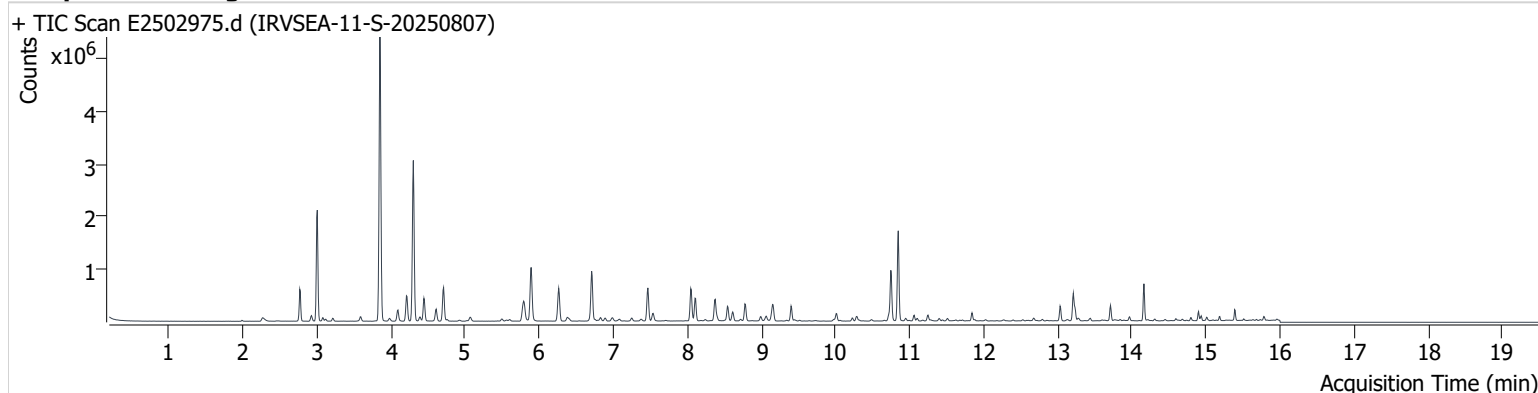
+ EIC (91.1) Scan E2502974.d



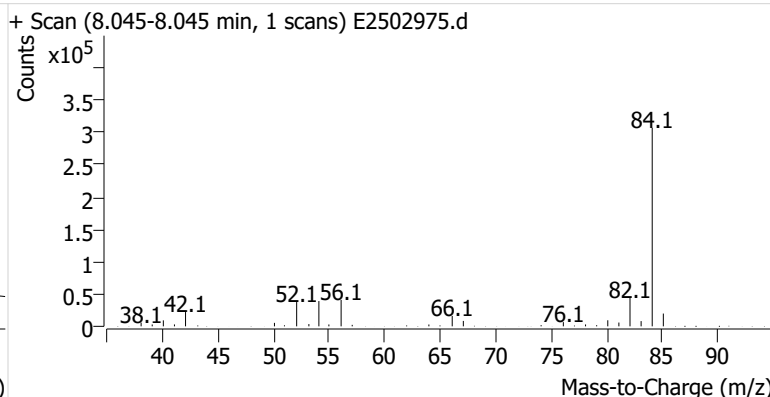
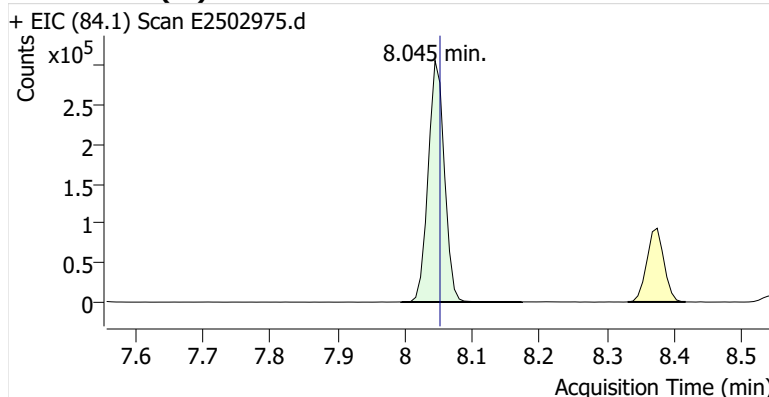
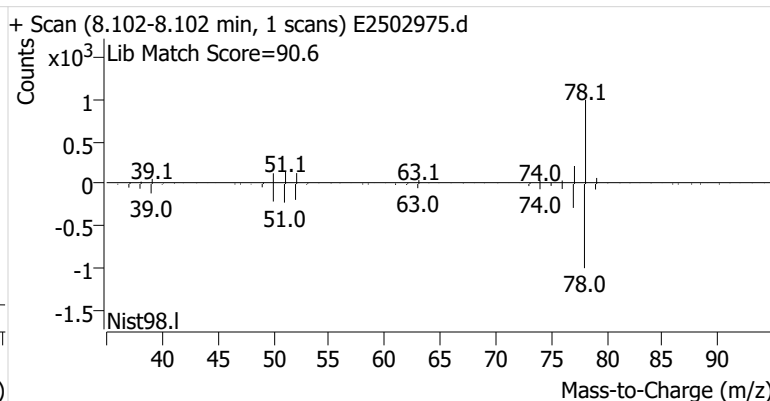
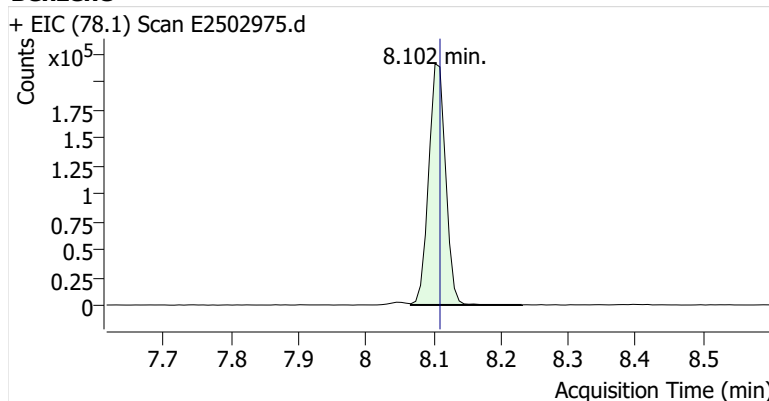
+ Scan (13.675-13.769 min, 14 scans) E2502974.d



Name IRVSEA-11-S-20250807
Comment C40143; Recollect
Data File E2502975.d
Acq. Date-Time 8/27/2025 3:55:32 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

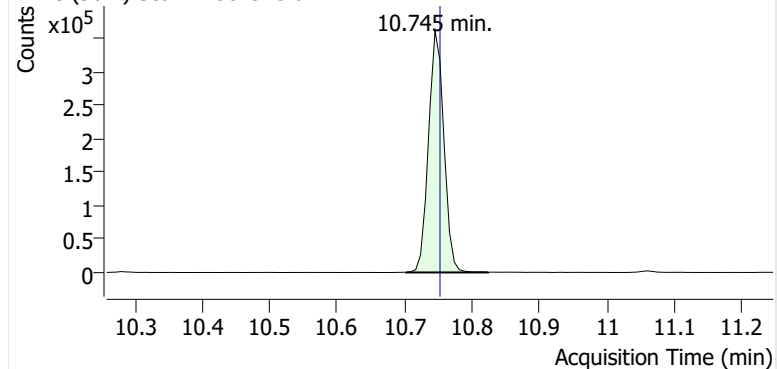
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	512,508	
Benzene	benzene-d6 (IS)	8.102	8.110	374,392	
Toluene-d8 (IS)		10.745	10.753	572,393	
Toluene	Toluene-d8 (IS)	10.846	10.846	1,038,988	
Ethylbenzene	Toluene-d8 (IS)	13.030	13.038	179,804	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	384,449	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	151,997	

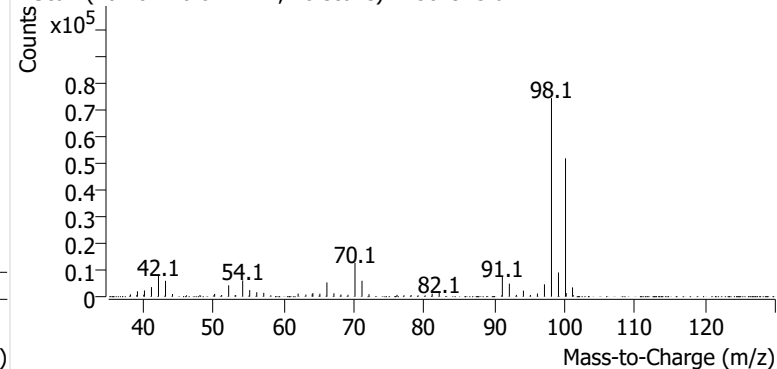
benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

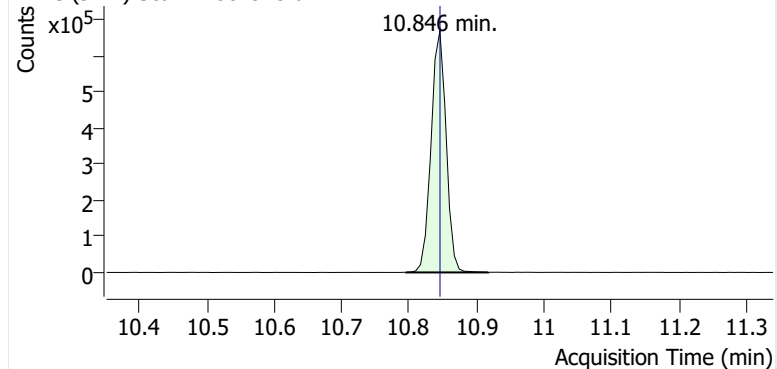
+ EIC (98.1) Scan E2502975.d



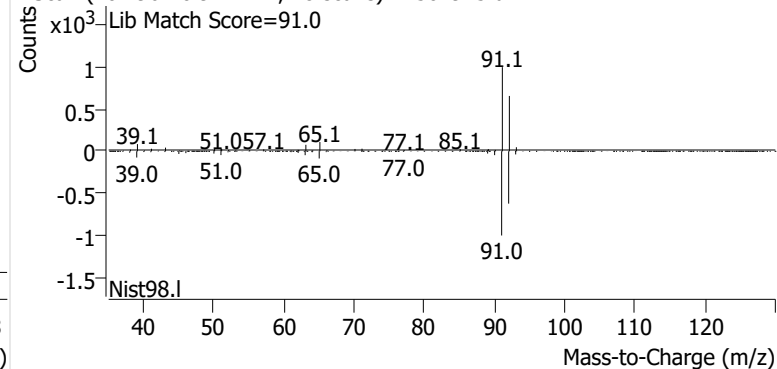
+ Scan (10.702-10.824 min, 18 scans) E2502975.d

**Toluene**

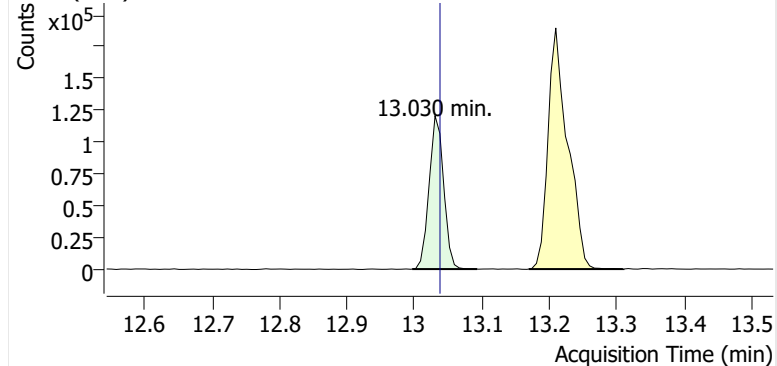
+ EIC (91.1) Scan E2502975.d



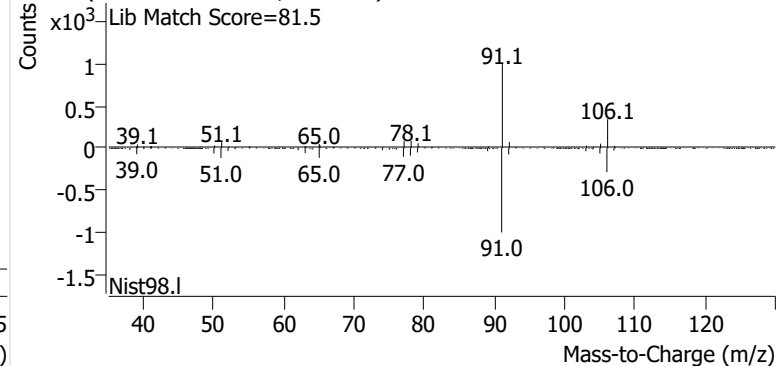
+ Scan (10.796-10.917 min, 18 scans) E2502975.d

**Ethylbenzene**

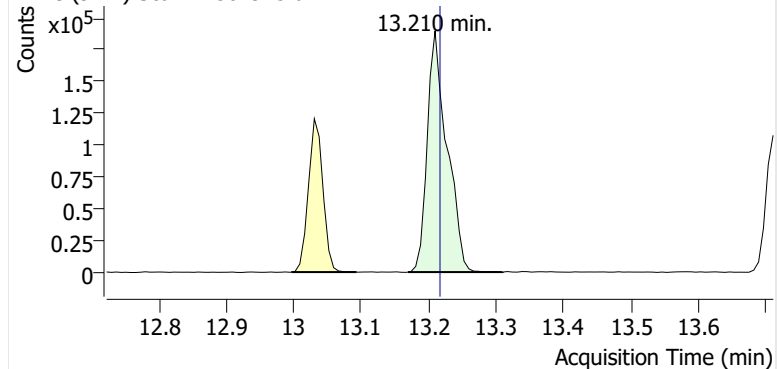
+ EIC (91.1) Scan E2502975.d



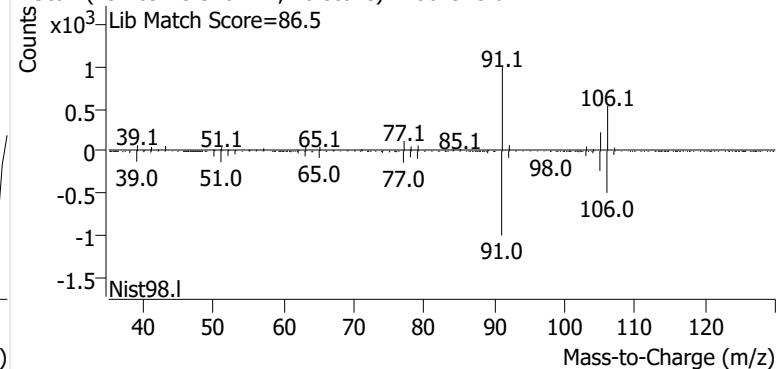
+ Scan (12.997-13.093 min, 13 scans) E2502975.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502975.d

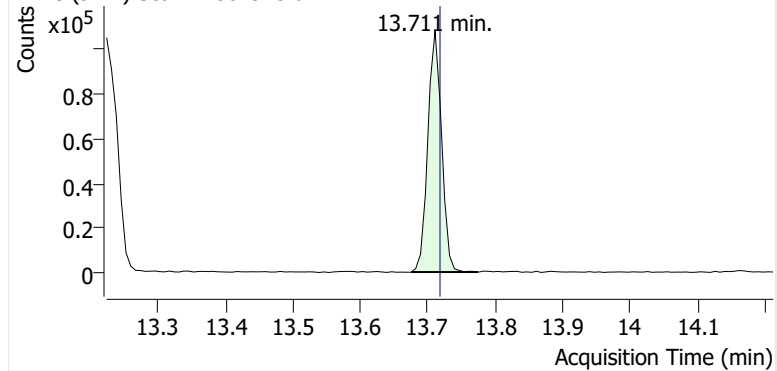


+ Scan (13.169-13.310 min, 20 scans) E2502975.d

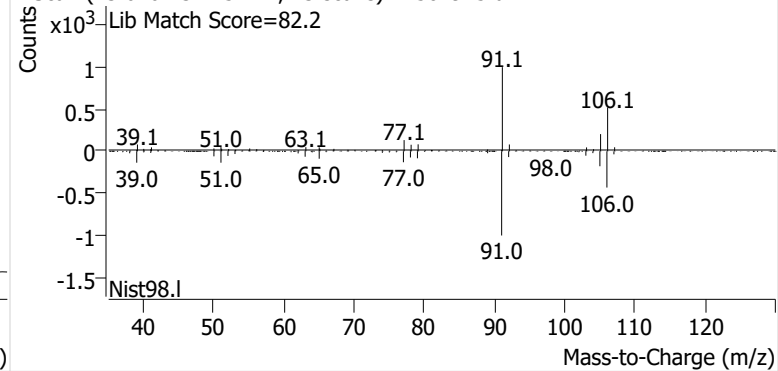


o-Xylene

+ EIC (91.1) Scan E2502975.d

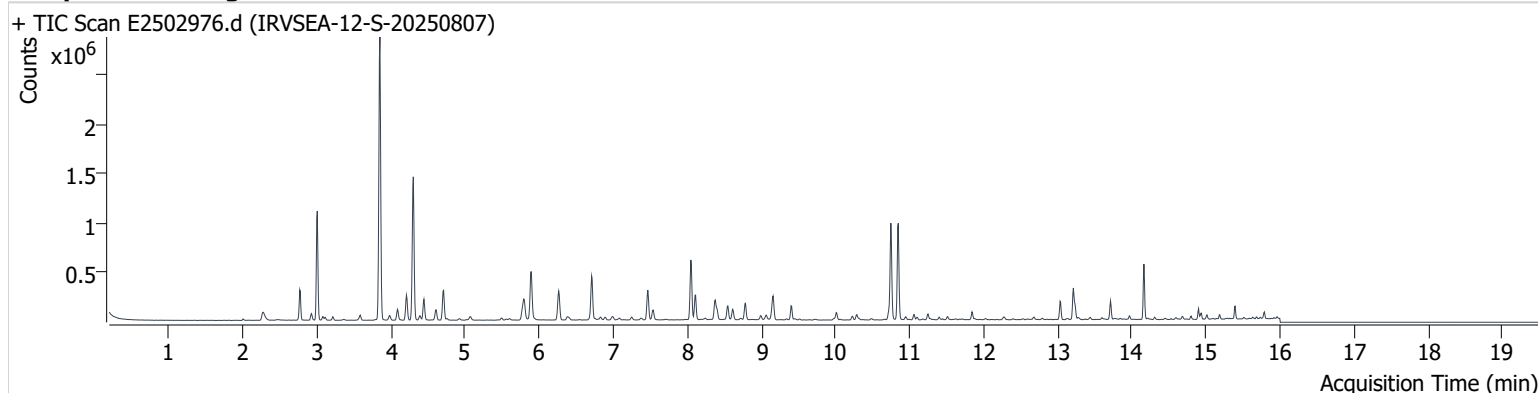


+ Scan (13.676-13.775 min, 13 scans) E2502975.d



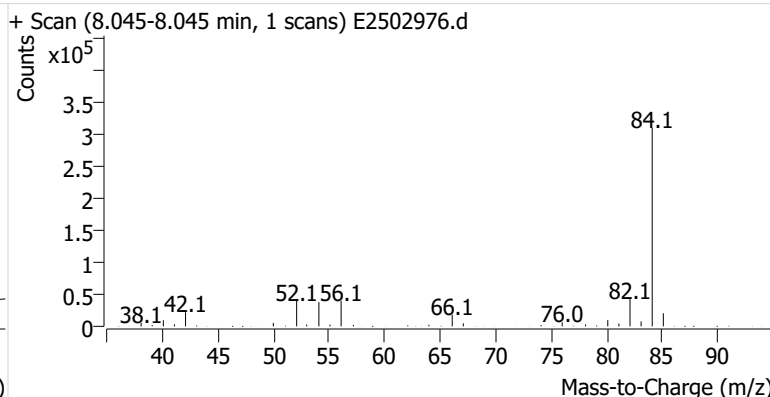
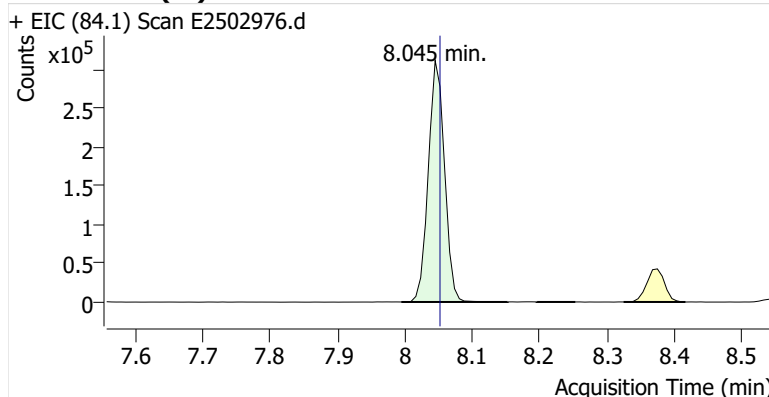
Name IRVSEA-12-S-20250807
Comment C36989; Recollect
Data File E2502976.d
Acq. Date-Time 8/27/2025 4:20:28 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

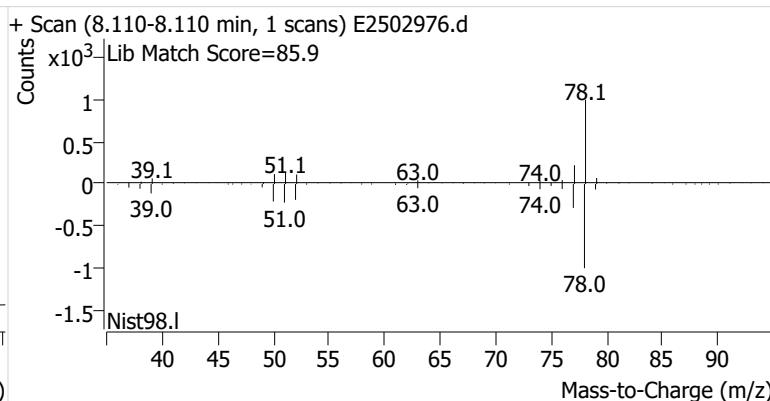
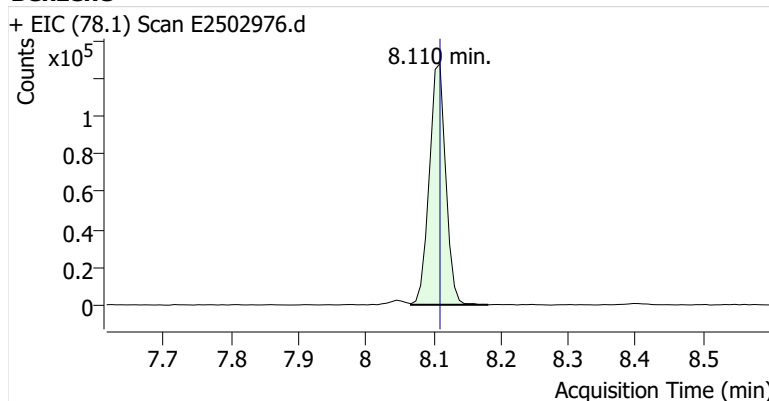


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	519,390	
Benzene	benzene-d6 (IS)	8.110	8.110	215,086	
Toluene-d8 (IS)		10.746	10.753	561,527	
Toluene	Toluene-d8 (IS)	10.846	10.846	609,287	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	122,608	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	232,885	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	98,111	

benzene-d6 (IS)

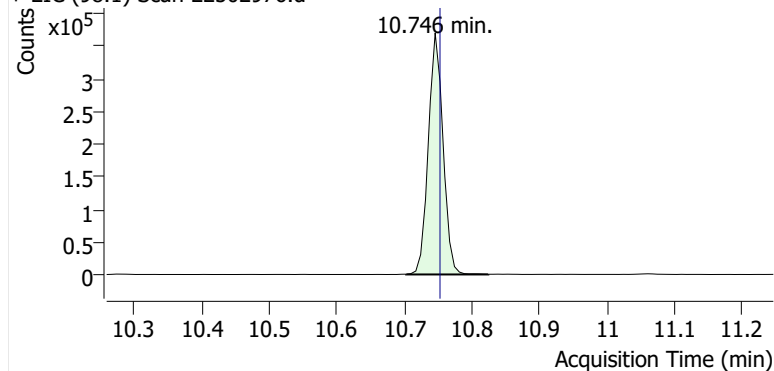


Benzene

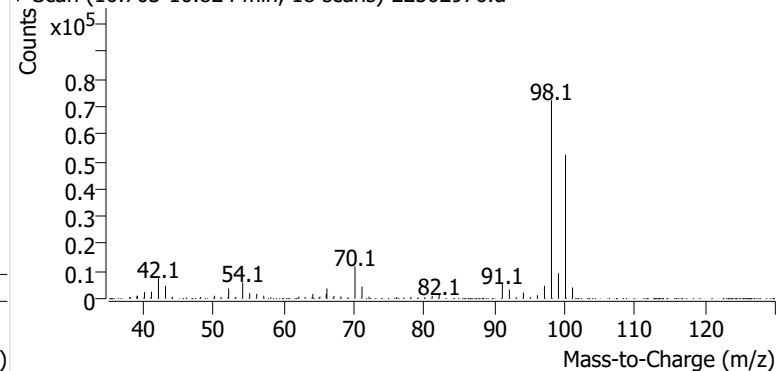


Toluene-d8 (IS)

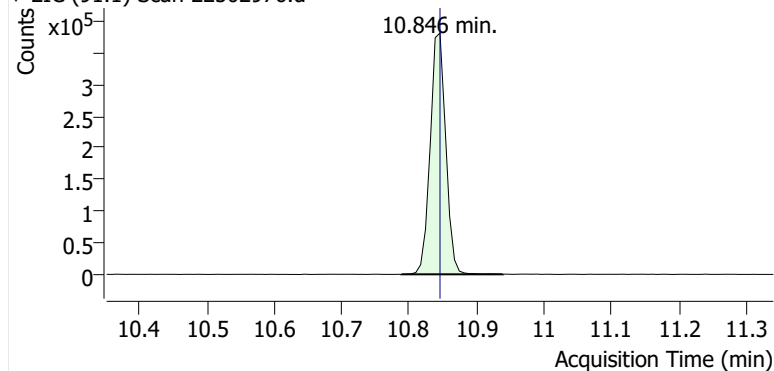
+ EIC (98.1) Scan E2502976.d



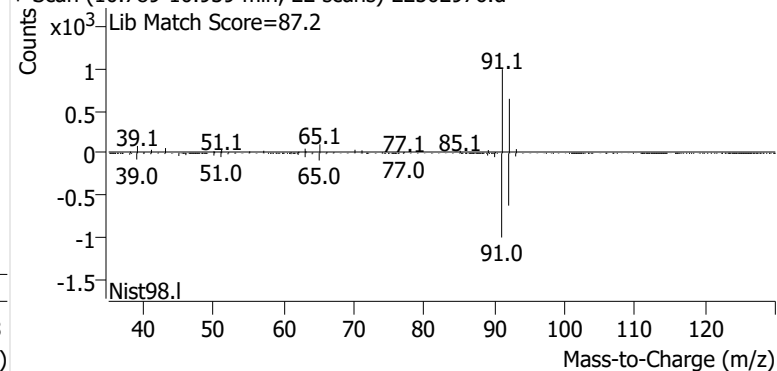
+ Scan (10.703-10.824 min, 18 scans) E2502976.d

**Toluene**

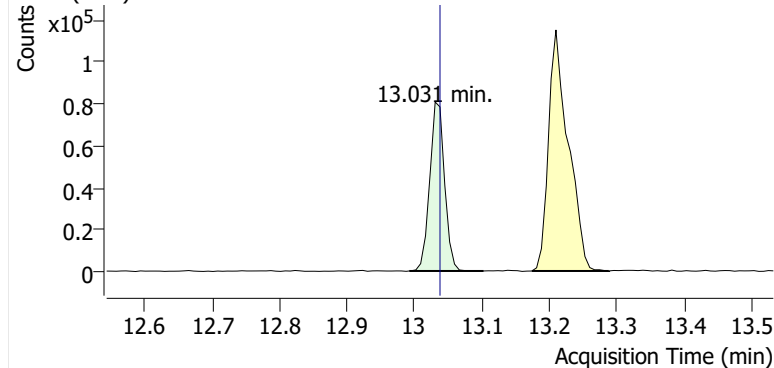
+ EIC (91.1) Scan E2502976.d



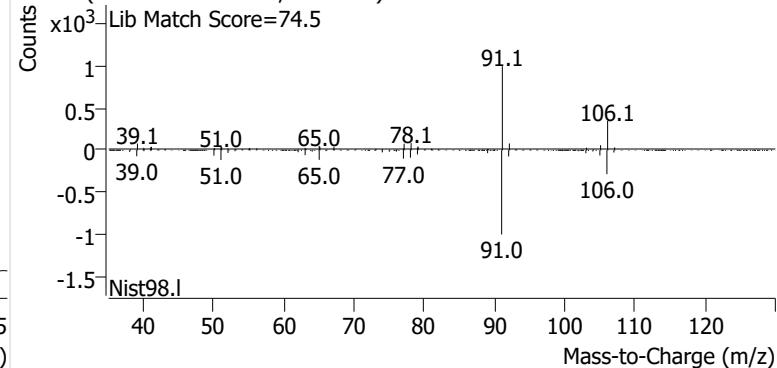
+ Scan (10.789-10.939 min, 22 scans) E2502976.d

**Ethylbenzene**

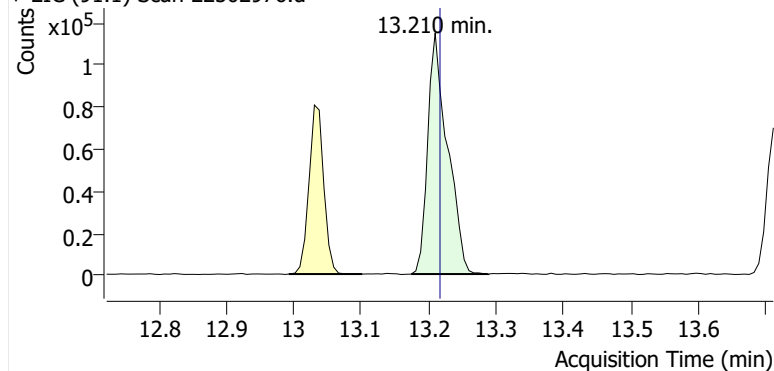
+ EIC (91.1) Scan E2502976.d



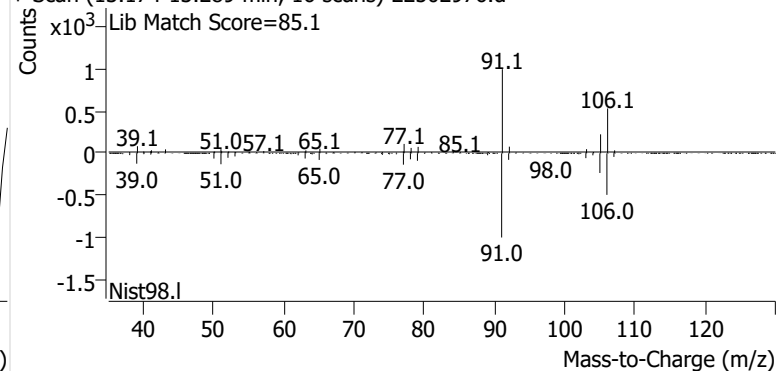
+ Scan (12.992-13.102 min, 16 scans) E2502976.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502976.d

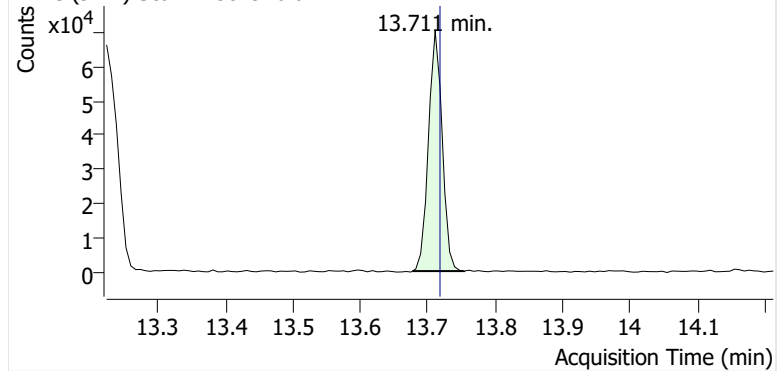


+ Scan (13.174-13.289 min, 16 scans) E2502976.d

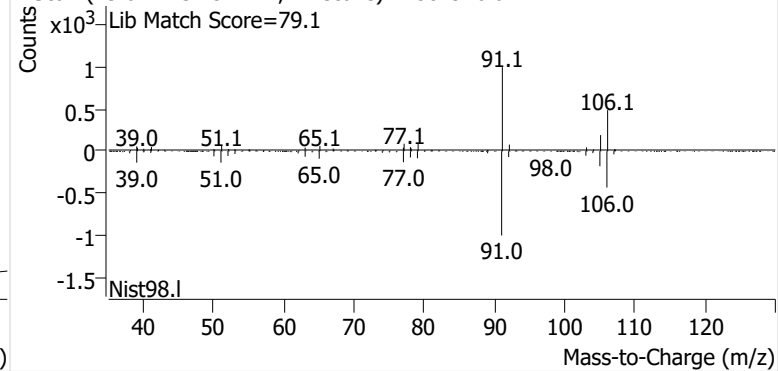


o-Xylene

+ EIC (91.1) Scan E2502976.d

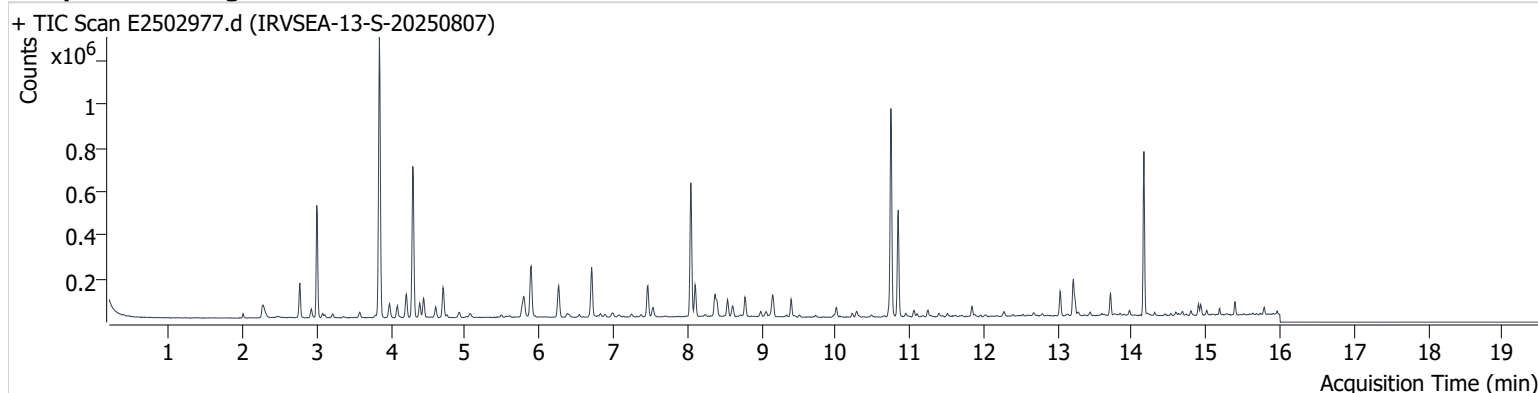


+ Scan (13.677-13.754 min, 11 scans) E2502976.d



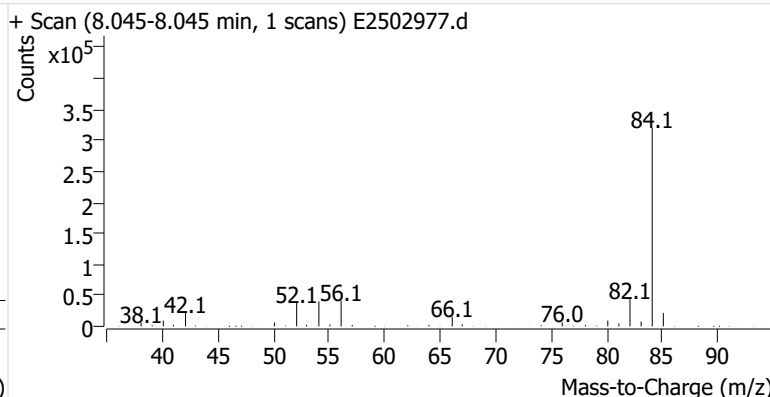
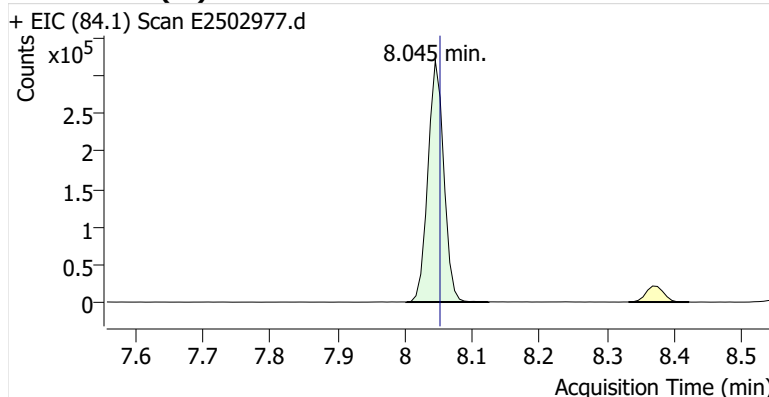
Name IRVSEA-13-S-20250807
Comment B51054; Recollect
Data File E2502977.d
Acq. Date-Time 8/27/2025 4:45:26 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

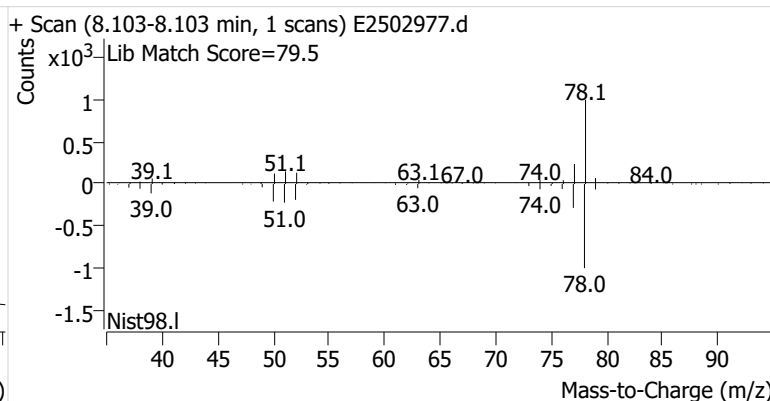
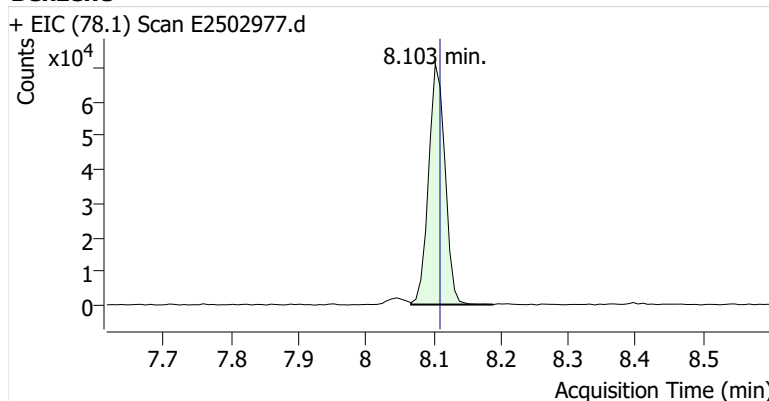


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	522,768	
Benzene	benzene-d6 (IS)	8.103	8.110	119,435	
Toluene-d8 (IS)		10.746	10.753	566,454	
Toluene	Toluene-d8 (IS)	10.846	10.846	299,378	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	73,419	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	124,487	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	54,561	

benzene-d6 (IS)

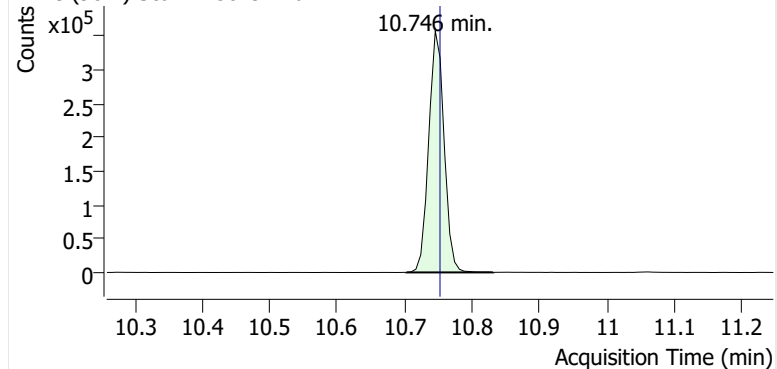


Benzene

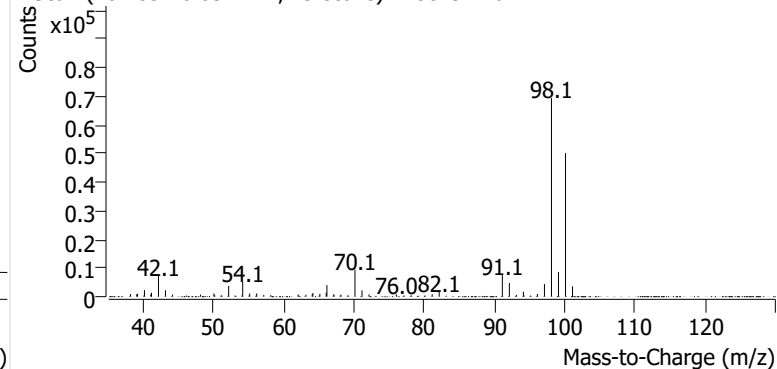


Toluene-d8 (IS)

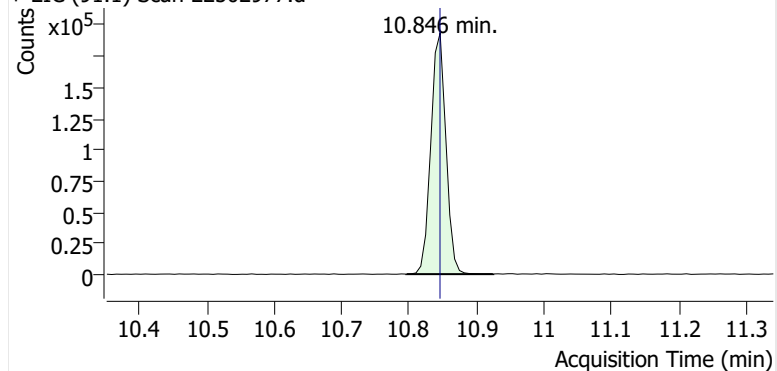
+ EIC (98.1) Scan E2502977.d



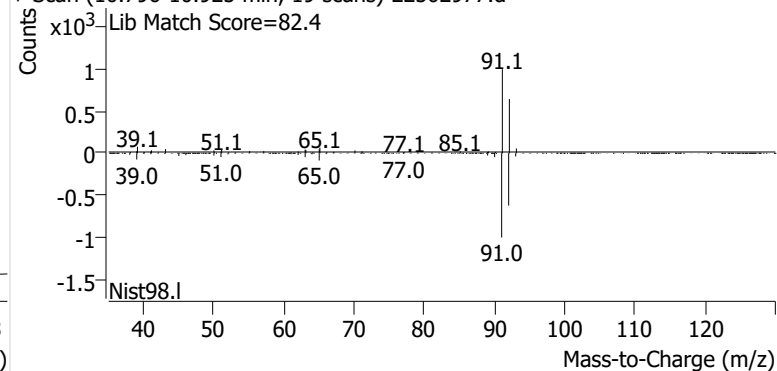
+ Scan (10.703-10.832 min, 19 scans) E2502977.d

**Toluene**

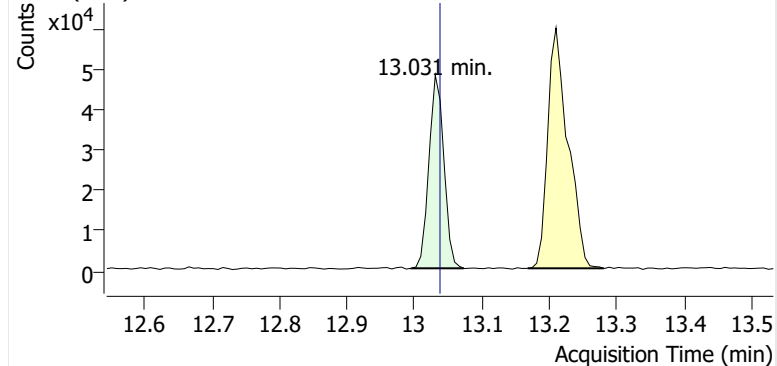
+ EIC (91.1) Scan E2502977.d



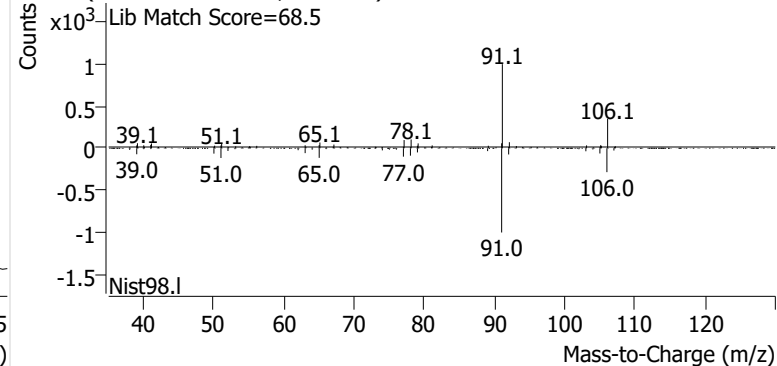
+ Scan (10.796-10.925 min, 19 scans) E2502977.d

**Ethylbenzene**

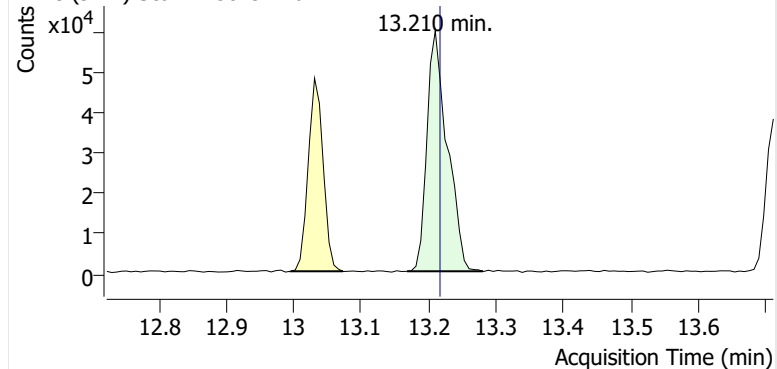
+ EIC (91.1) Scan E2502977.d



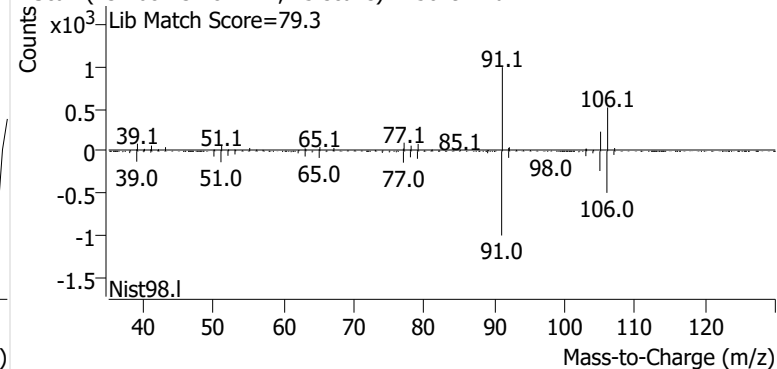
+ Scan (12.995-13.073 min, 11 scans) E2502977.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502977.d

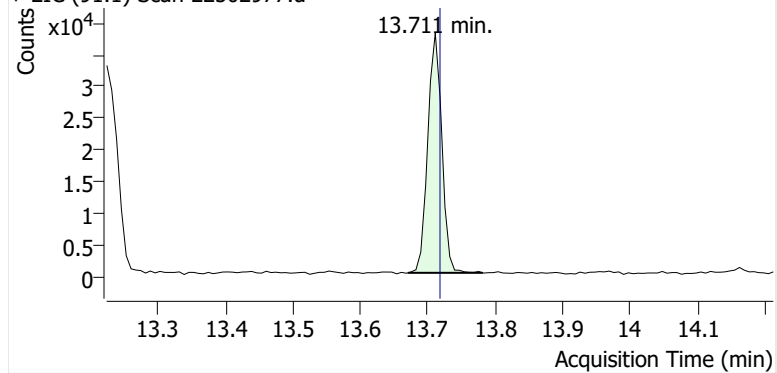


+ Scan (13.168-13.281 min, 15 scans) E2502977.d

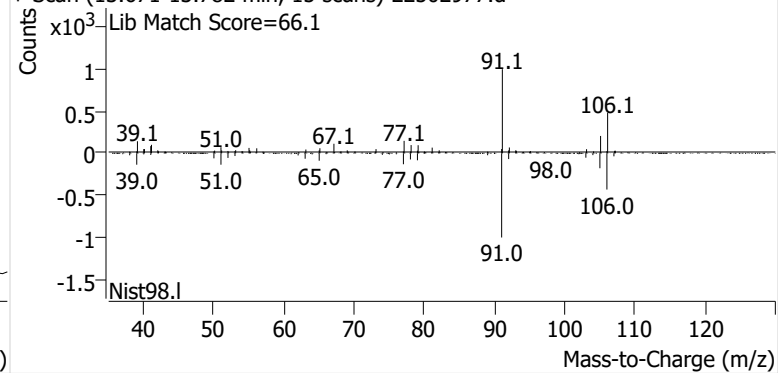


o-Xylene

+ EIC (91.1) Scan E2502977.d

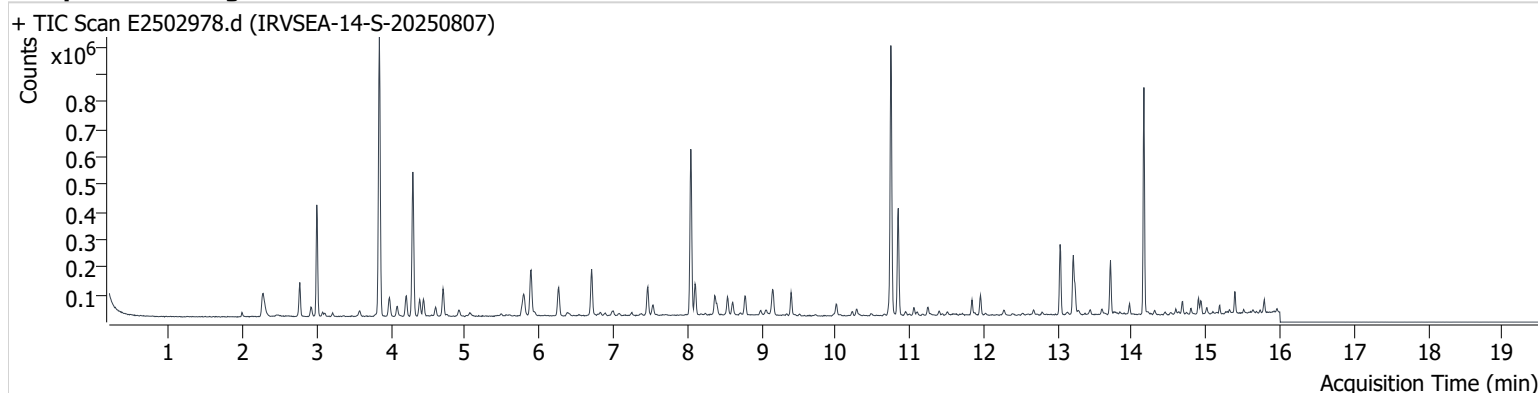


+ Scan (13.671-13.782 min, 15 scans) E2502977.d



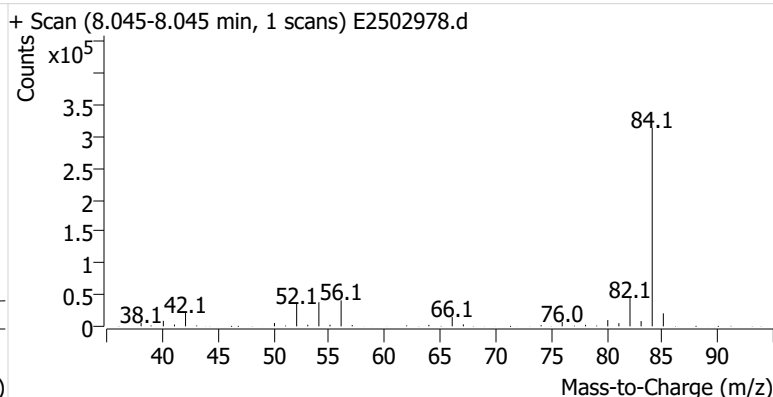
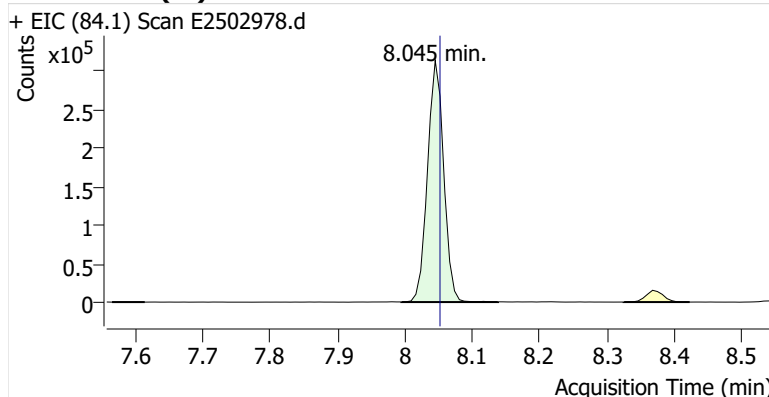
Name IRVSEA-14-S-20250807
Comment C40605; Recollect
Data File E2502978.d
Acq. Date-Time 8/27/2025 5:10:22 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

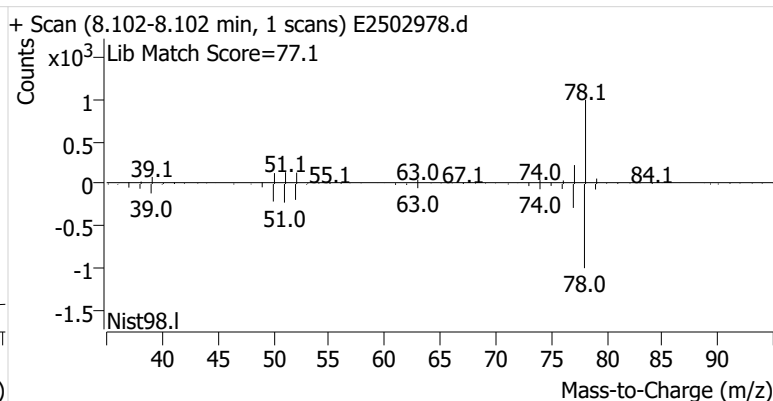
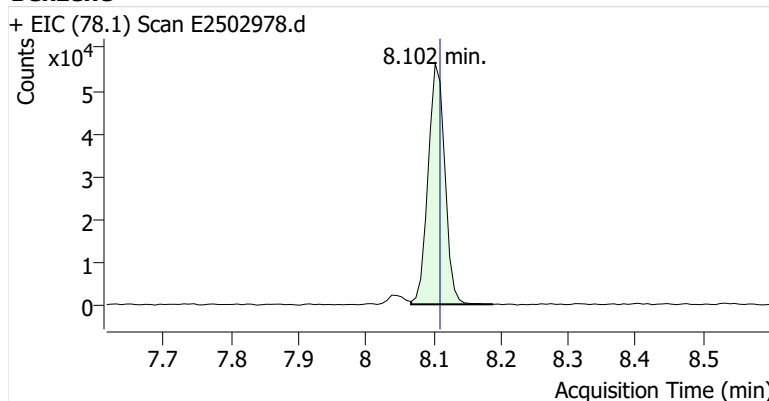


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	523,590	
Benzene	benzene-d6 (IS)	8.102	8.110	96,199	
Toluene-d8 (IS)		10.746	10.753	576,416	
Toluene	Toluene-d8 (IS)	10.846	10.846	233,750	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	172,178	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	163,291	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	102,753	

benzene-d6 (IS)

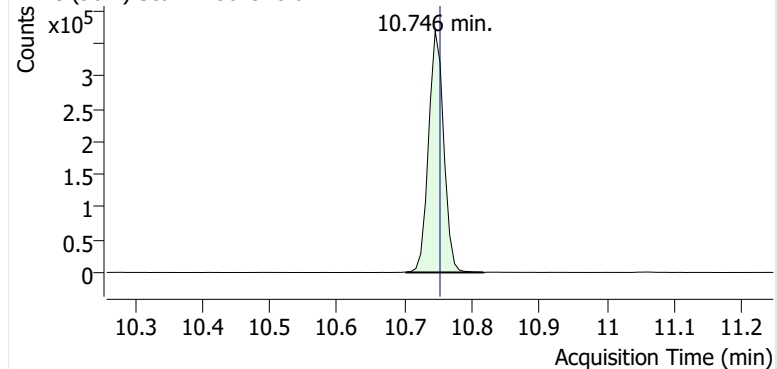


Benzene

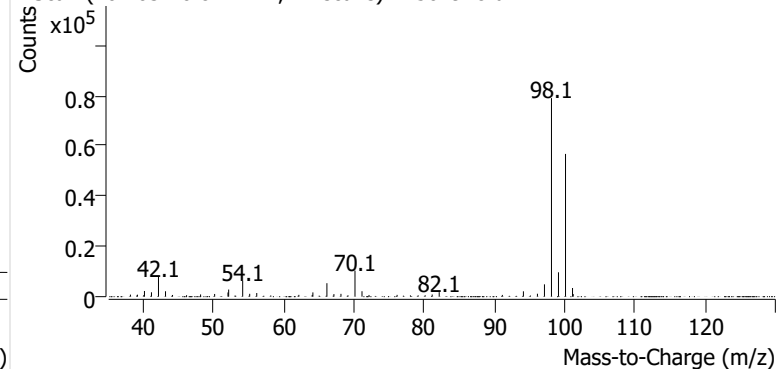


Toluene-d8 (IS)

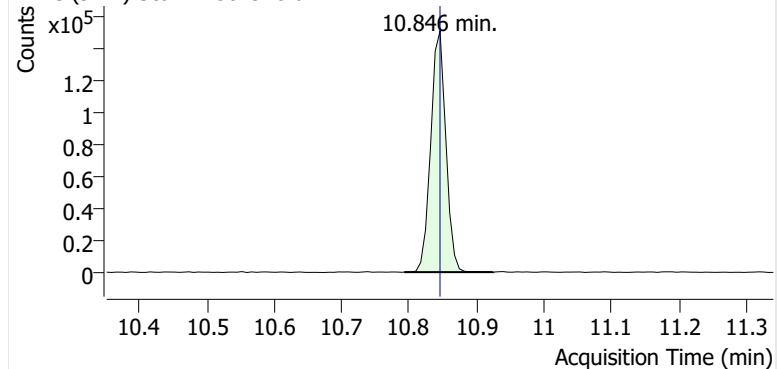
+ EIC (98.1) Scan E2502978.d



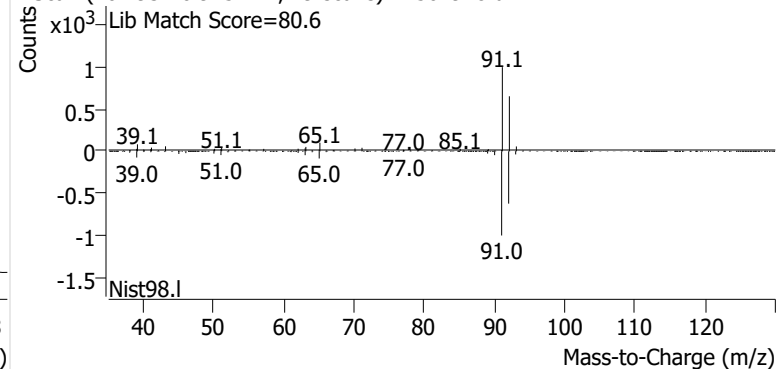
+ Scan (10.703-10.817 min, 17 scans) E2502978.d

**Toluene**

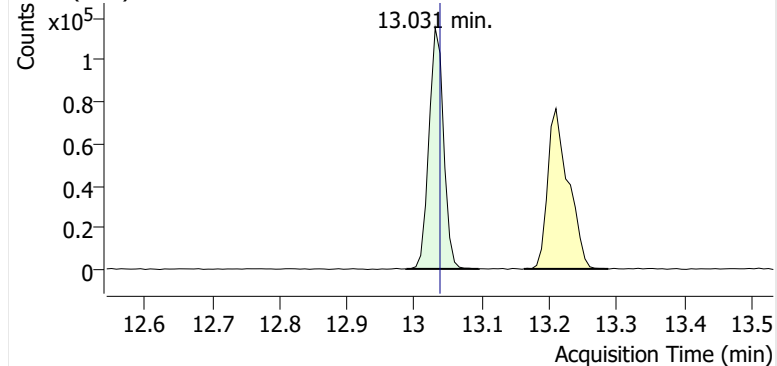
+ EIC (91.1) Scan E2502978.d



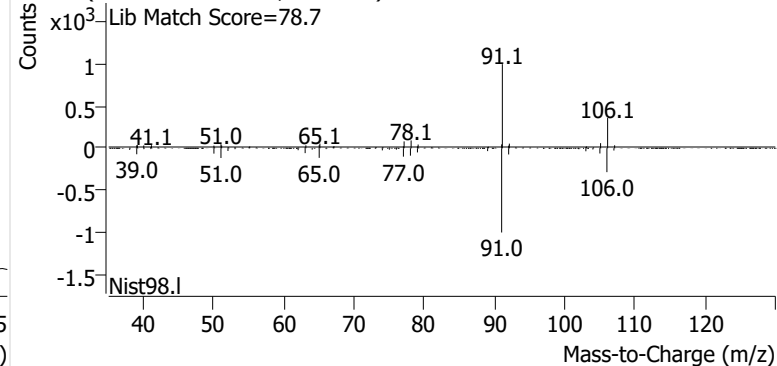
+ Scan (10.793-10.925 min, 19 scans) E2502978.d

**Ethylbenzene**

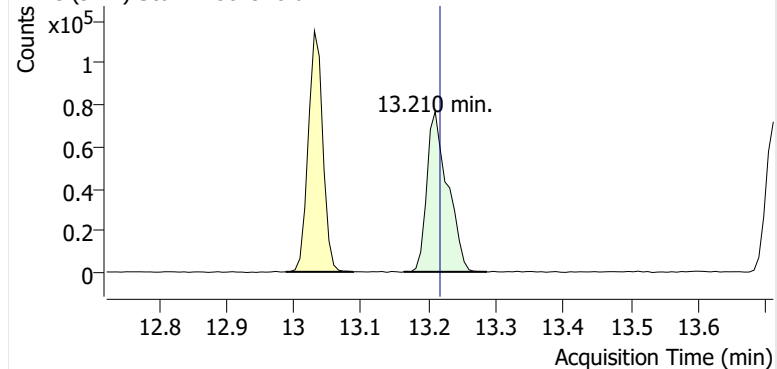
+ EIC (91.1) Scan E2502978.d



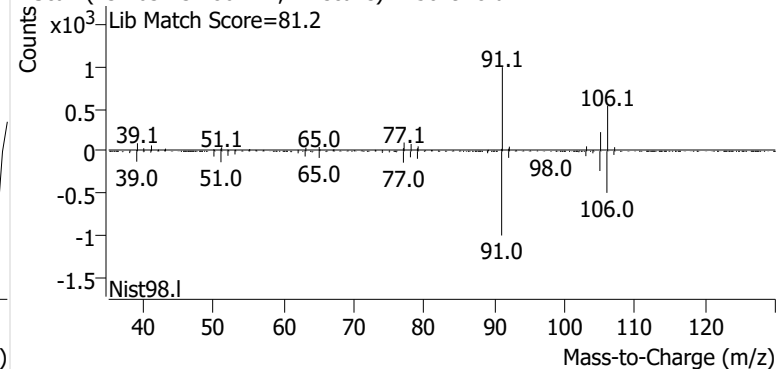
+ Scan (12.988-13.095 min, 16 scans) E2502978.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502978.d

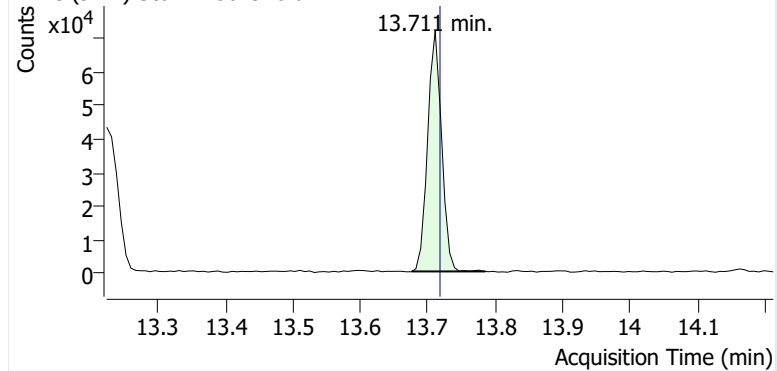


+ Scan (13.163-13.286 min, 17 scans) E2502978.d

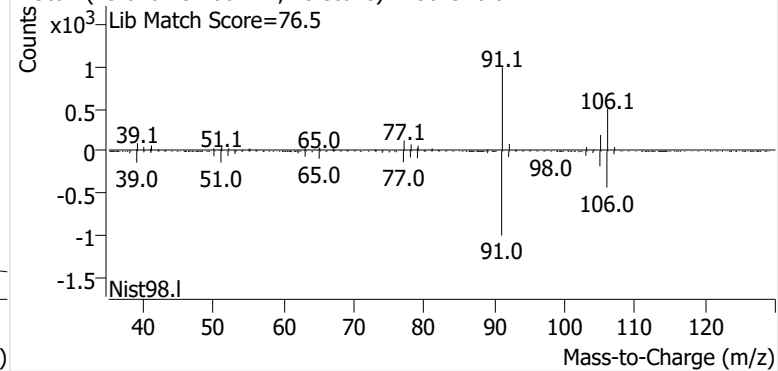


o-Xylene

+ EIC (91.1) Scan E2502978.d

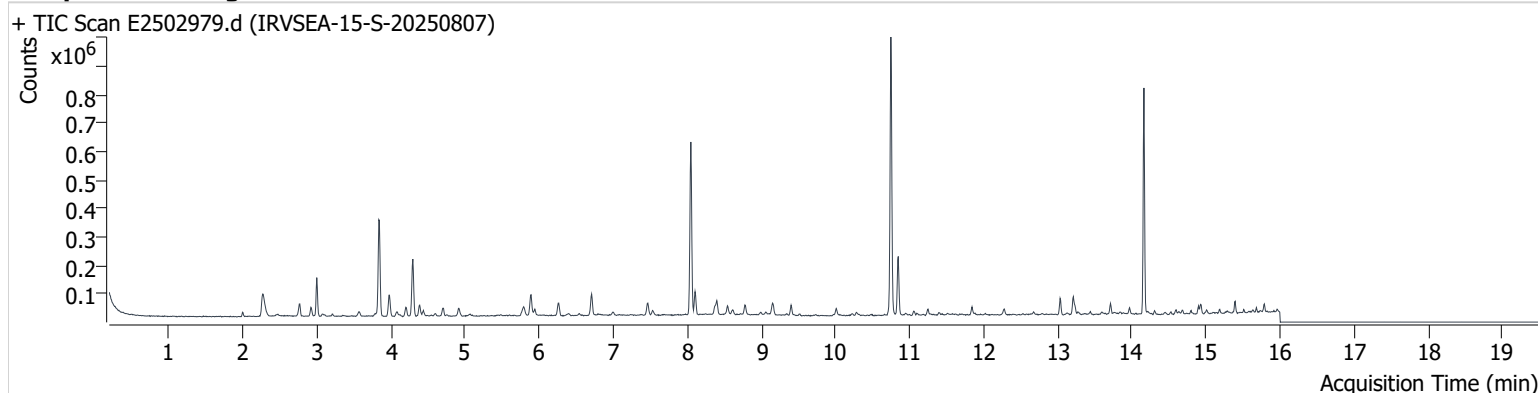


+ Scan (13.676-13.786 min, 15 scans) E2502978.d



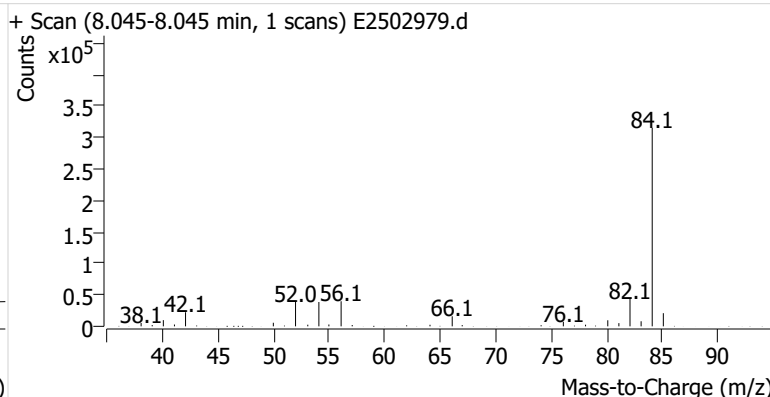
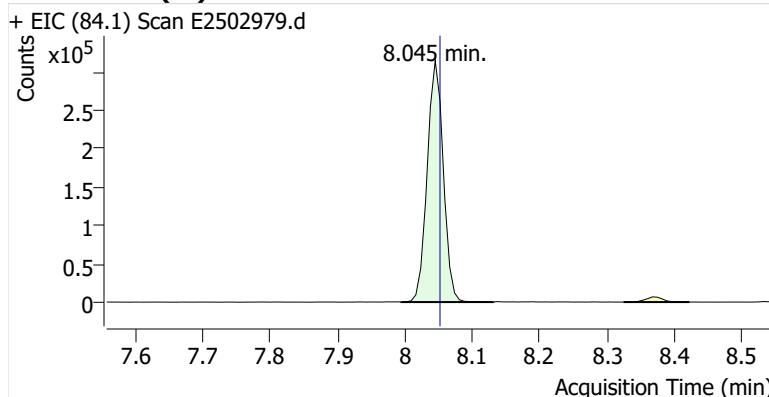
Name IRVSEA-15-S-20250807
Comment C35786; Recollect
Data File E2502979.d
Acq. Date-Time 8/27/2025 5:35:21 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

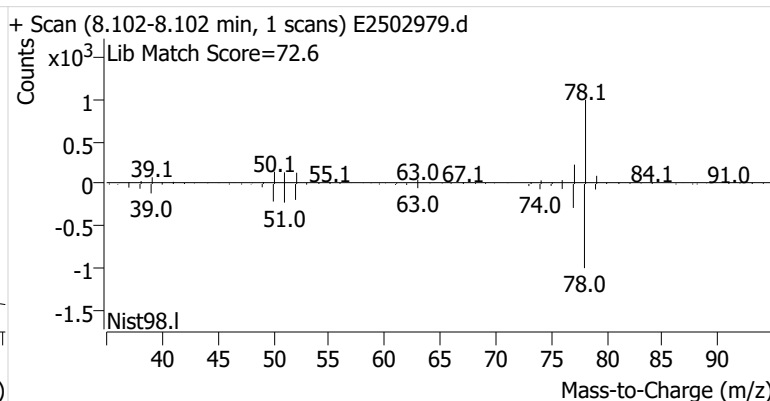
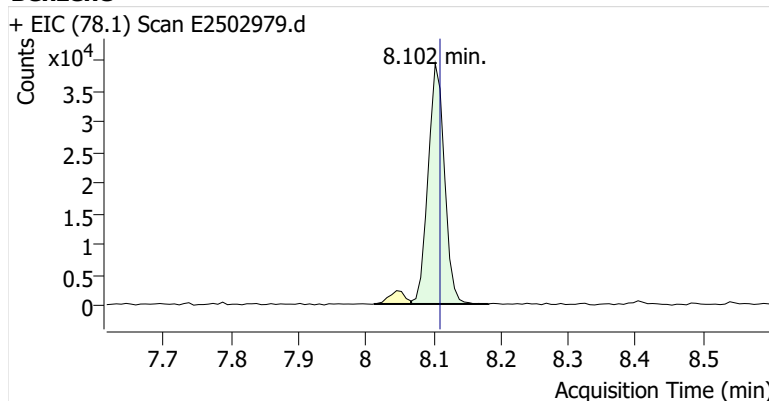


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	523,103	
Benzene	benzene-d6 (IS)	8.102	8.110	65,877	
Toluene-d8 (IS)		10.746	10.753	574,266	
Toluene	Toluene-d8 (IS)	10.846	10.846	127,908	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	36,145	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	45,449	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	18,453	

benzene-d6 (IS)

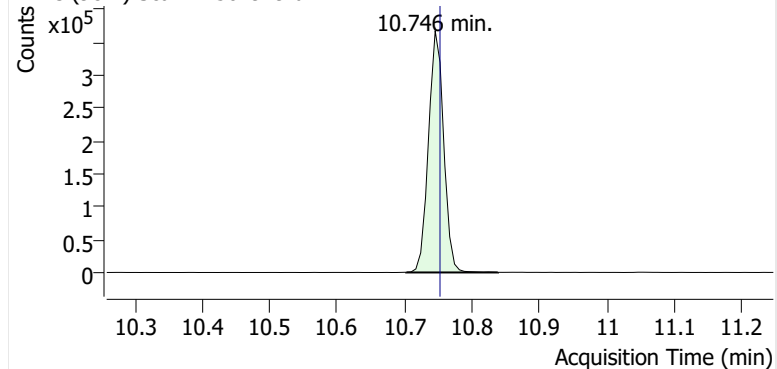


Benzene

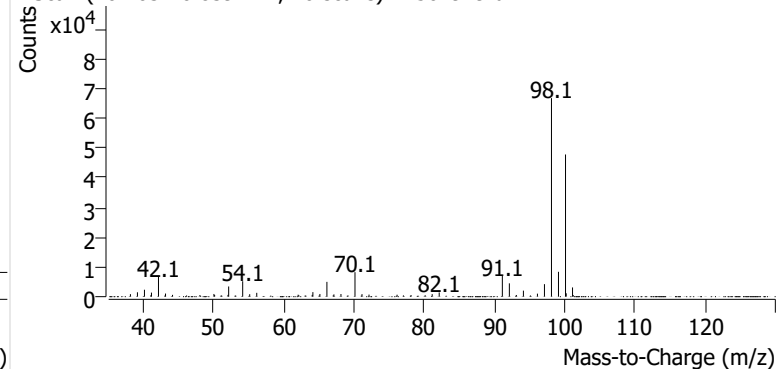


Toluene-d8 (IS)

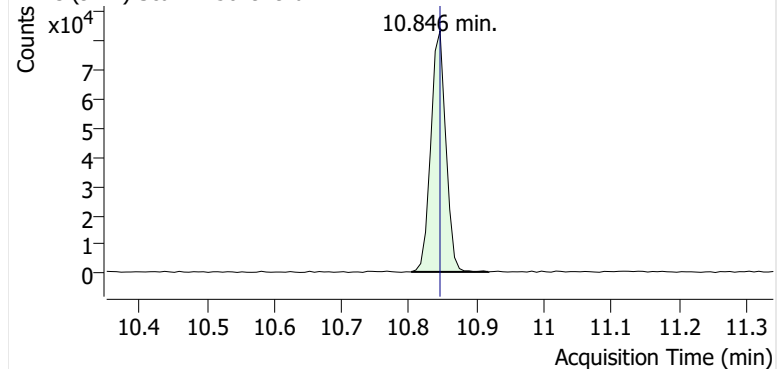
+ EIC (98.1) Scan E2502979.d



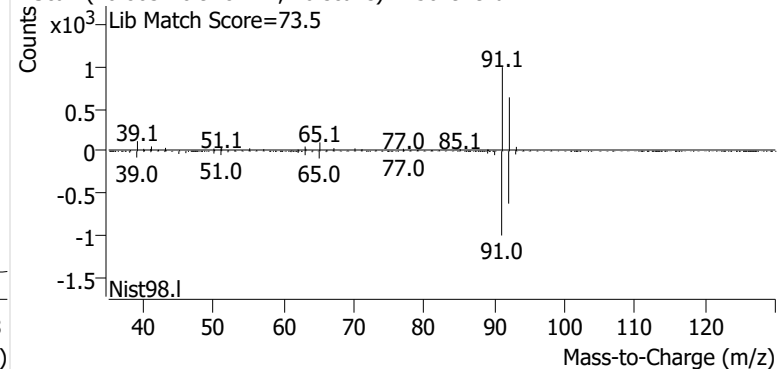
+ Scan (10.703-10.839 min, 20 scans) E2502979.d

**Toluene**

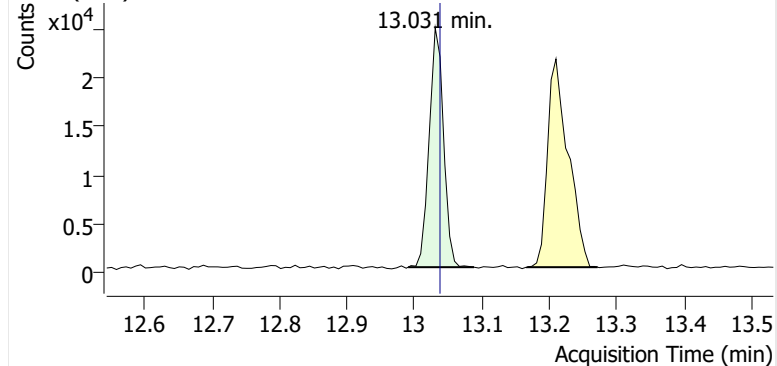
+ EIC (91.1) Scan E2502979.d



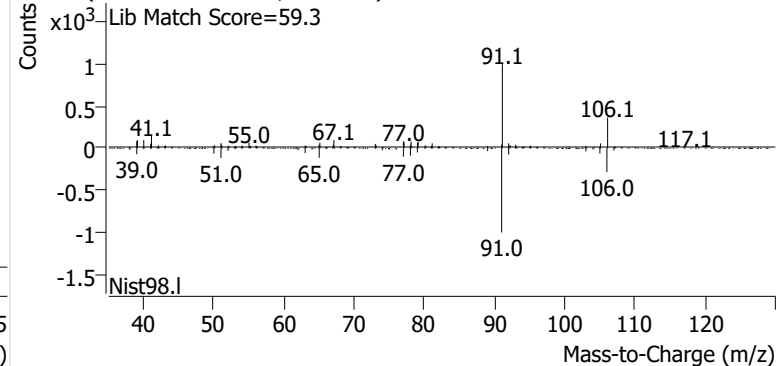
+ Scan (10.803-10.918 min, 16 scans) E2502979.d

**Ethylbenzene**

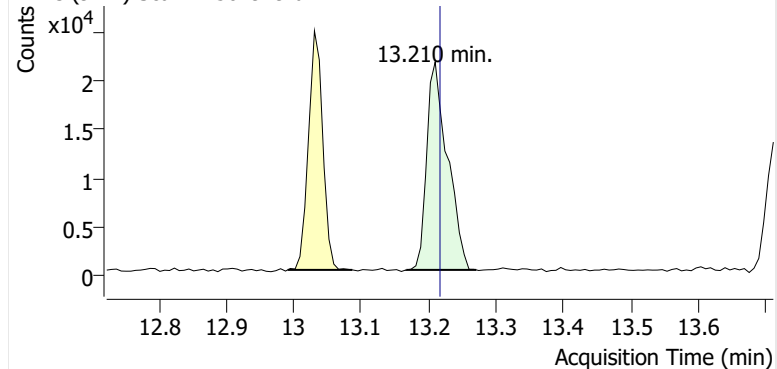
+ EIC (91.1) Scan E2502979.d



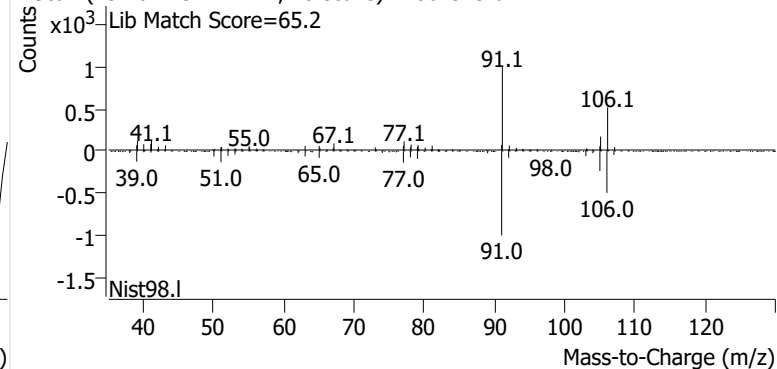
+ Scan (12.991-13.088 min, 14 scans) E2502979.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502979.d

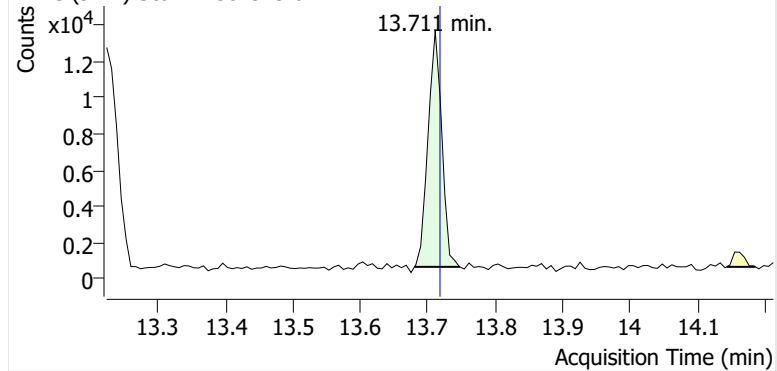


+ Scan (13.167-13.271 min, 15 scans) E2502979.d

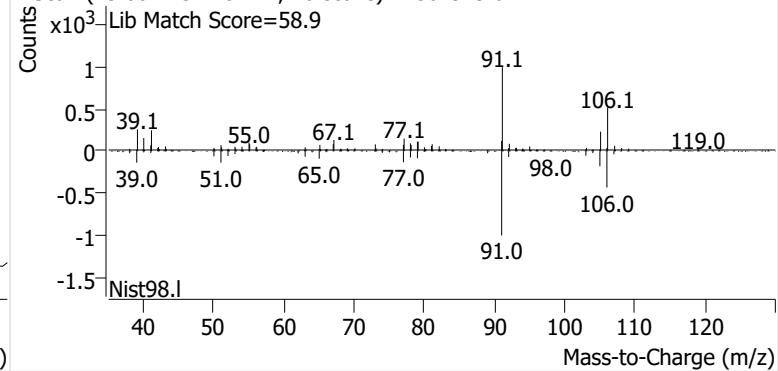


o-Xylene

+ EIC (91.1) Scan E2502979.d

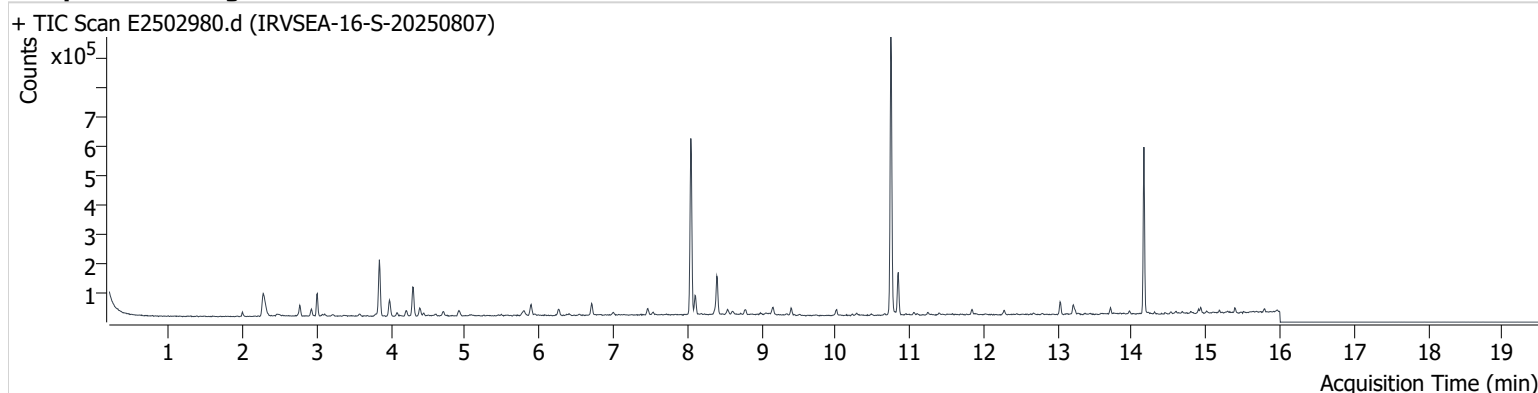


+ Scan (13.681-13.748 min, 10 scans) E2502979.d



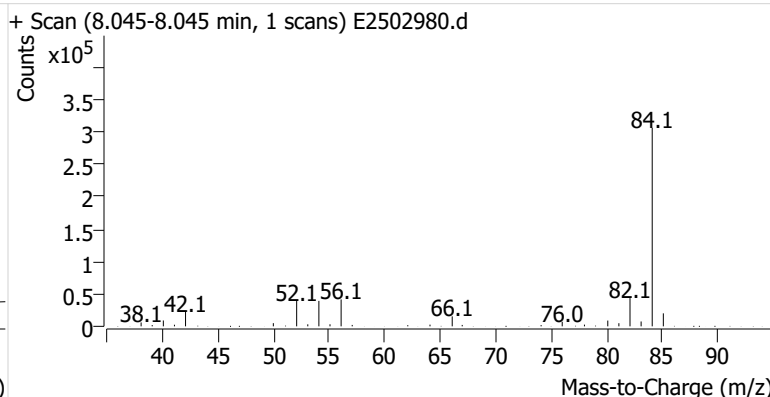
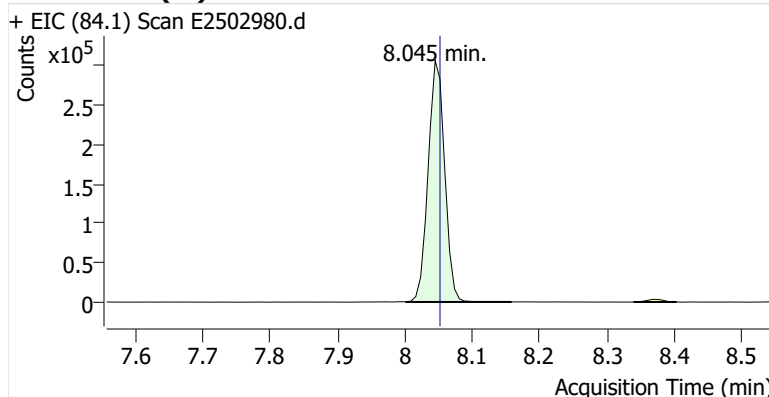
Name IRVSEA-16-S-20250807
Comment B34001; Recollect
Data File E2502980.d
Acq. Date-Time 8/27/2025 6:00:17 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

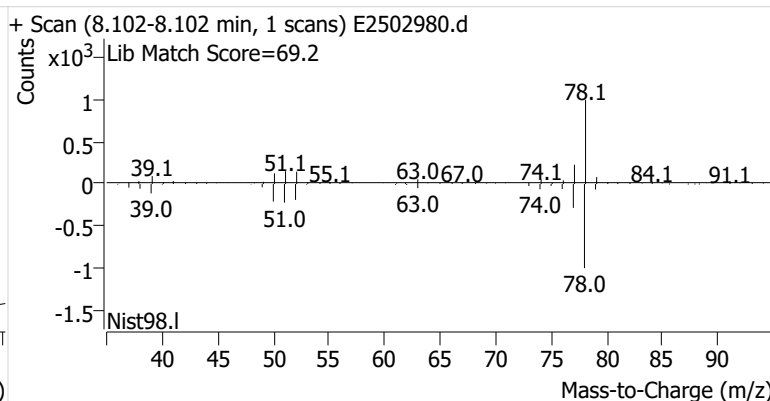
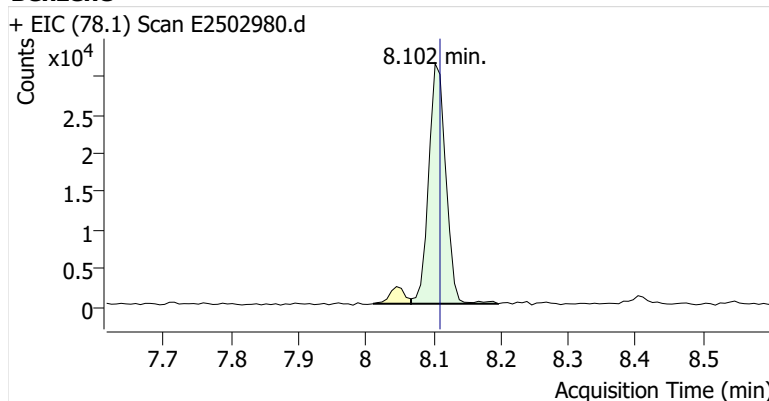


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	521,688	
Benzene	benzene-d6 (IS)	8.102	8.110	55,013	
Toluene-d8 (IS)		10.746	10.753	566,137	
Toluene	Toluene-d8 (IS)	10.846	10.846	88,513	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	29,066	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	24,140	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	10,607	

benzene-d6 (IS)

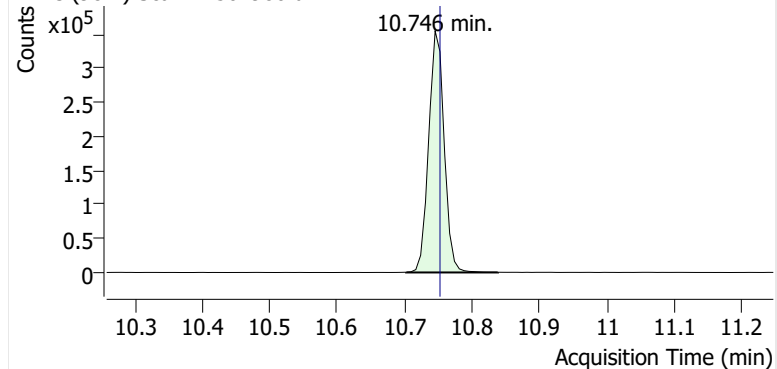


Benzene

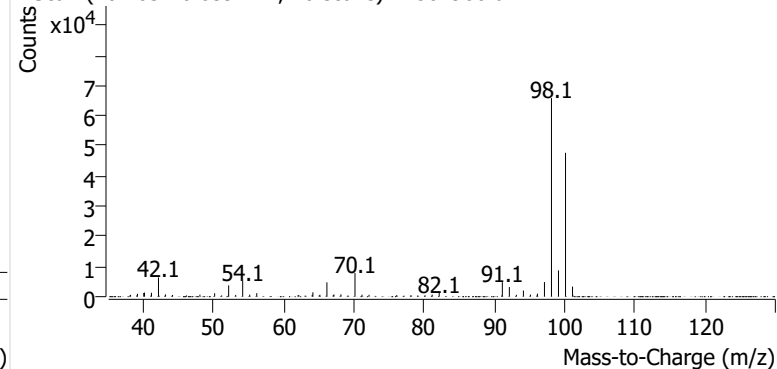


Toluene-d8 (IS)

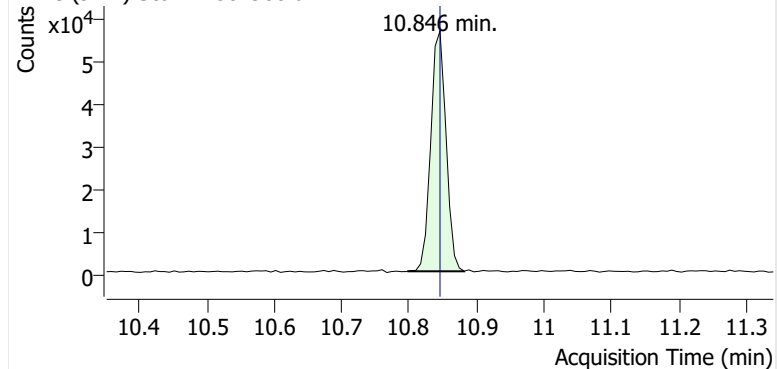
+ EIC (98.1) Scan E2502980.d



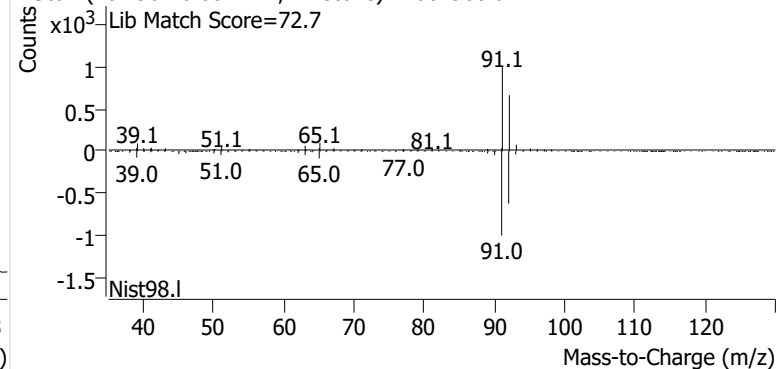
+ Scan (10.703-10.839 min, 20 scans) E2502980.d

**Toluene**

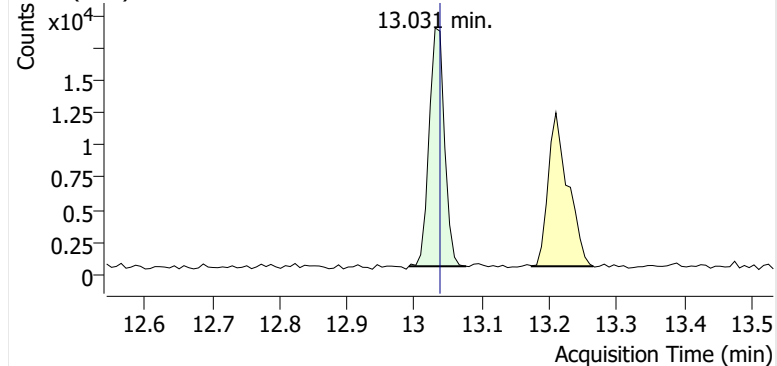
+ EIC (91.1) Scan E2502980.d



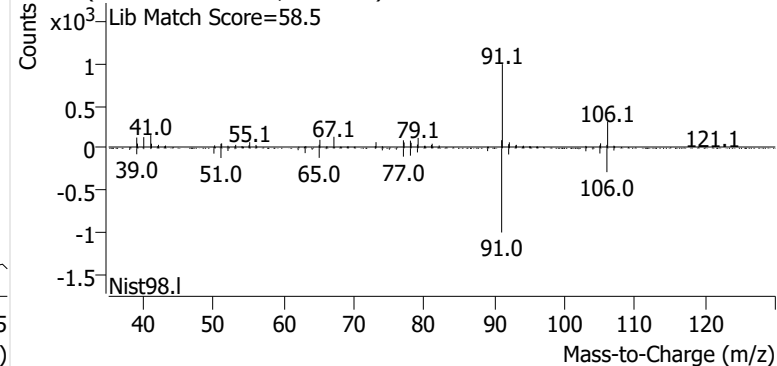
+ Scan (10.798-10.882 min, 12 scans) E2502980.d

**Ethylbenzene**

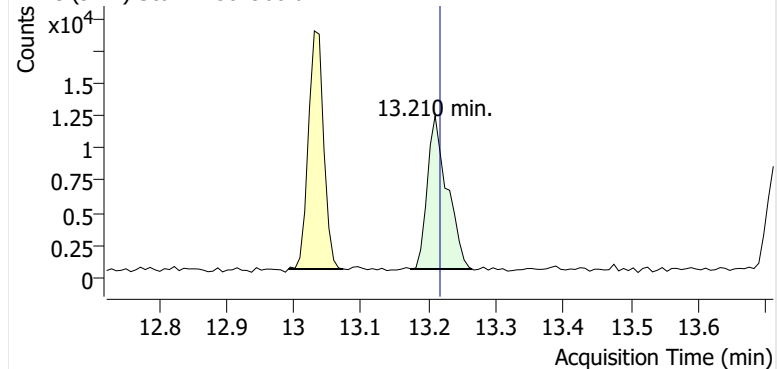
+ EIC (91.1) Scan E2502980.d



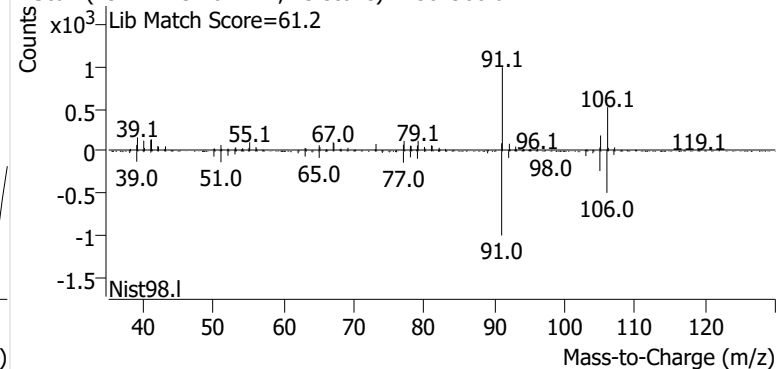
+ Scan (12.992-13.077 min, 12 scans) E2502980.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502980.d

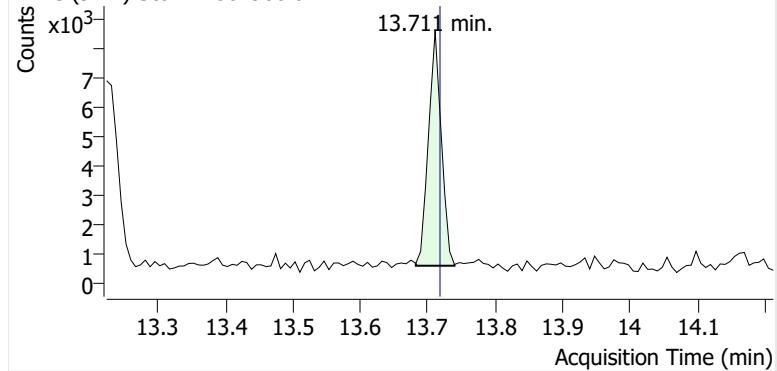


+ Scan (13.174-13.264 min, 13 scans) E2502980.d

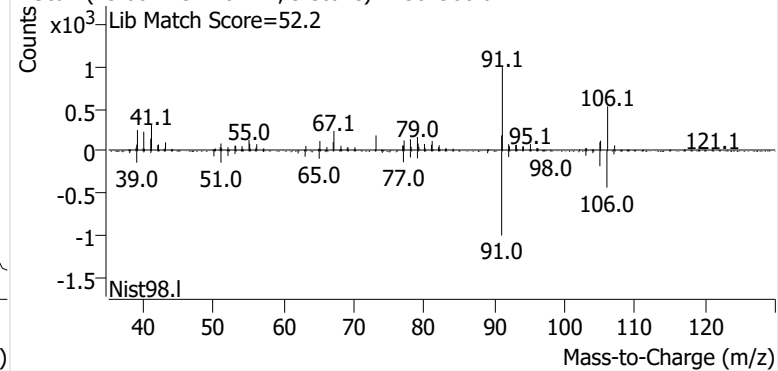


o-Xylene

+ EIC (91.1) Scan E2502980.d

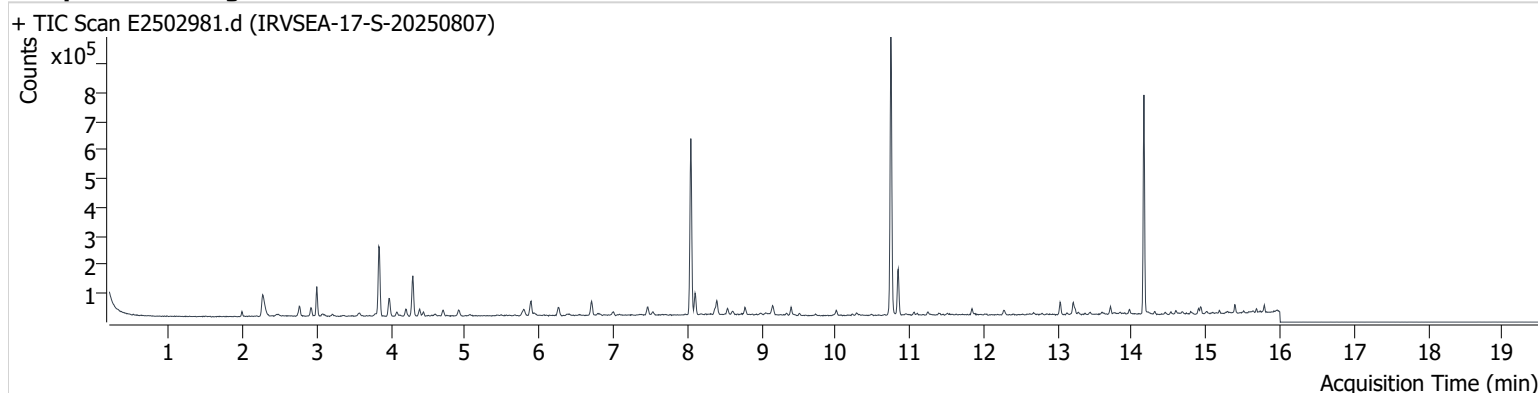


+ Scan (13.682-13.740 min, 9 scans) E2502980.d



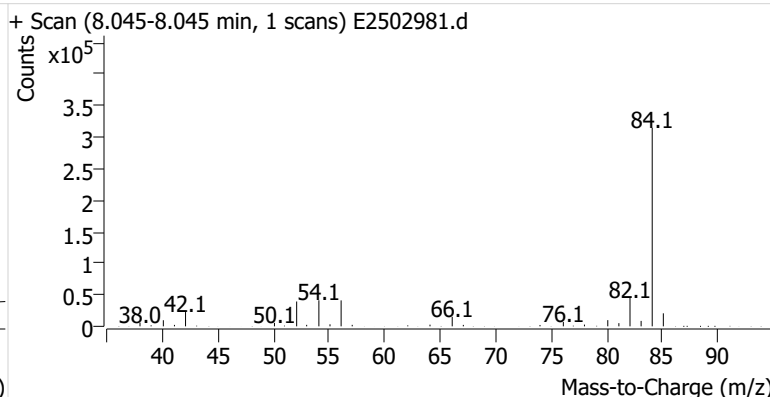
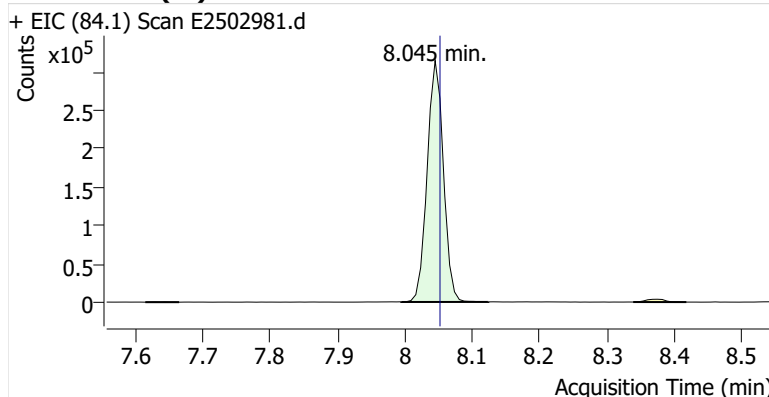
Name IRVSEA-17-S-20250807
Comment C38900; Recollect
Data File E2502981.d
Acq. Date-Time 8/27/2025 6:25:11 PM
Acq. Method File M325B-MTD
Tube Sorbent CarboxpackX
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

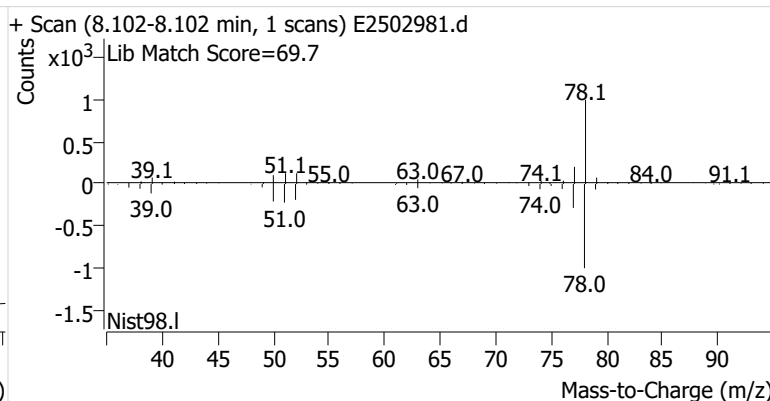
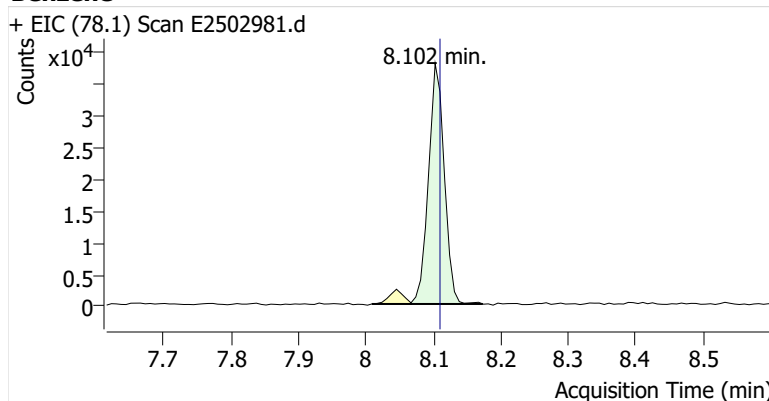


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	525,610	
Benzene	benzene-d6 (IS)	8.102	8.110	61,788	
Toluene-d8 (IS)		10.746	10.753	574,282	
Toluene	Toluene-d8 (IS)	10.846	10.846	100,681	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	26,871	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	31,358	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	13,166	

benzene-d6 (IS)

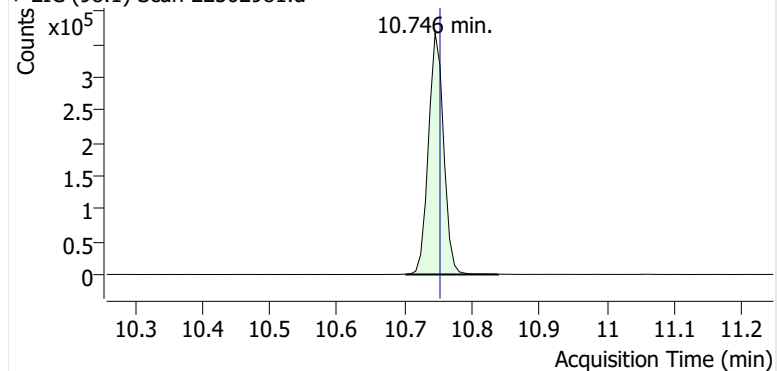


Benzene

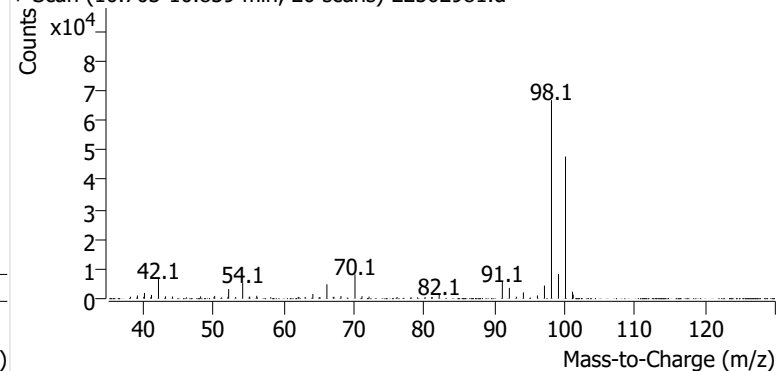


Toluene-d8 (IS)

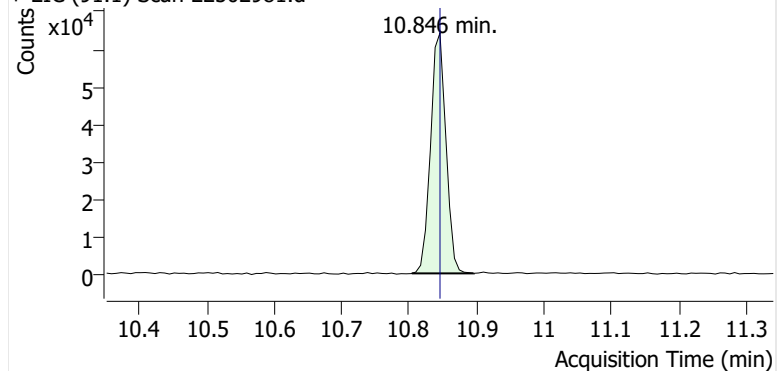
+ EIC (98.1) Scan E2502981.d



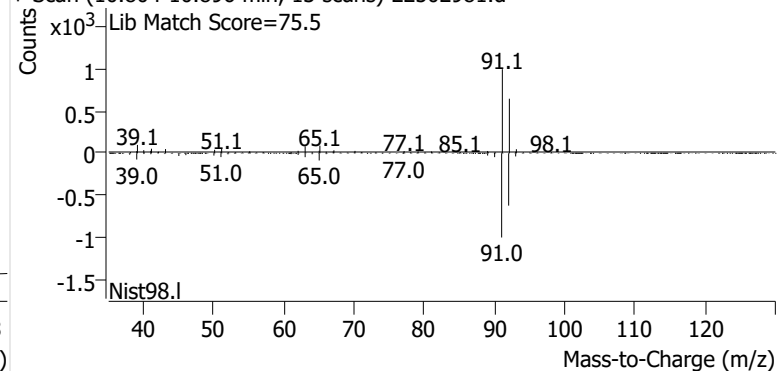
+ Scan (10.703-10.839 min, 20 scans) E2502981.d

**Toluene**

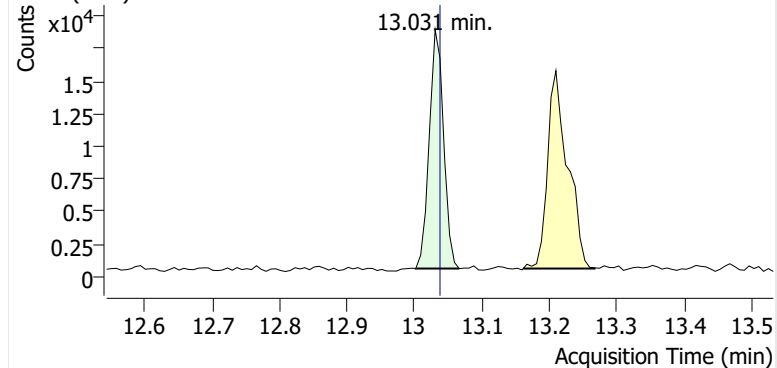
+ EIC (91.1) Scan E2502981.d



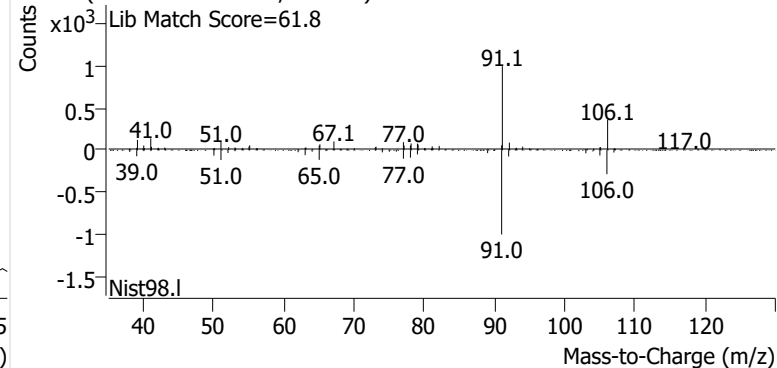
+ Scan (10.804-10.896 min, 13 scans) E2502981.d

**Ethylbenzene**

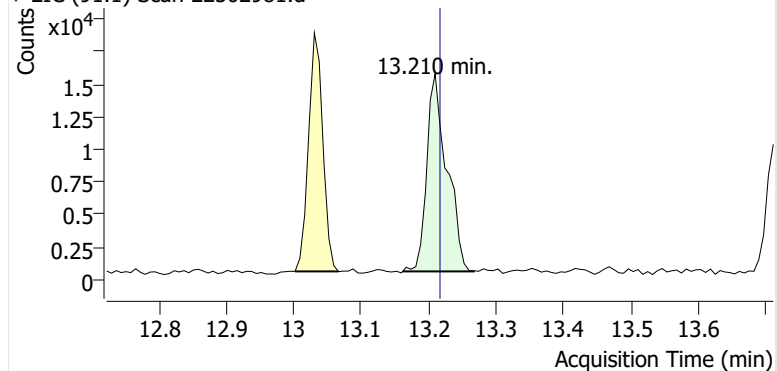
+ EIC (91.1) Scan E2502981.d



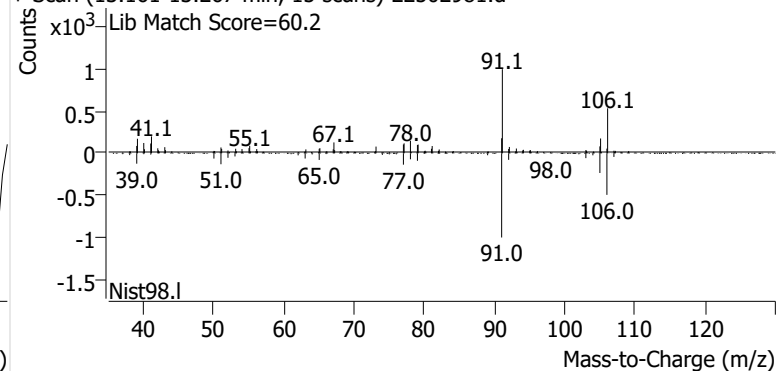
+ Scan (13.002-13.066 min, 9 scans) E2502981.d

**m-/p-Xylenes**

+ EIC (91.1) Scan E2502981.d

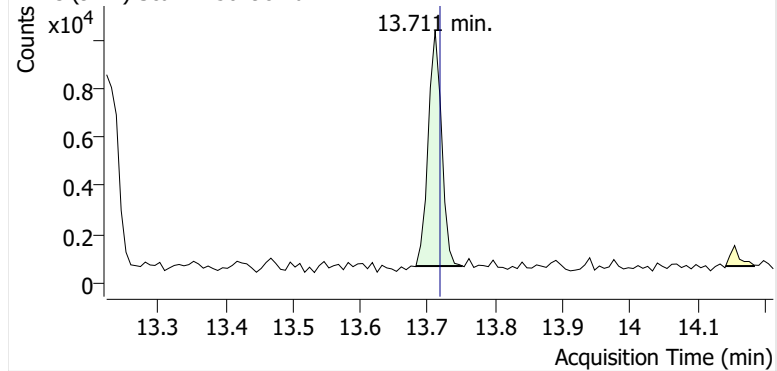


+ Scan (13.161-13.267 min, 15 scans) E2502981.d

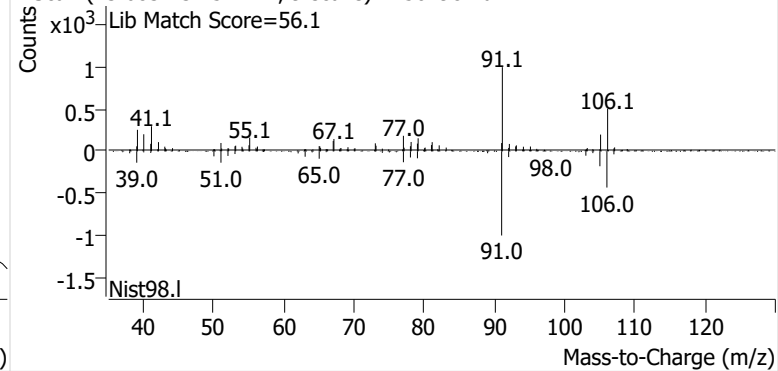


o-Xylene

+ EIC (91.1) Scan E2502981.d



+ Scan (13.683-13.752 min, 9 scans) E2502981.d



Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG304-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E050525A_CC252679_QT_CC185154	Benzene	1	E2500043.d	4.94	48593	54.2	531168	1.004	0.14
E050525A_CC252679_QT_CC185154	Benzene	2	E2500044.d	10.06	88289	54.2	525272	0.905	0.032
E050525A_CC252679_QT_CC185154	Benzene	3	E2500045.d	20.12	167722	54.2	519365	0.869	-0.0086
E050525A_CC252679_QT_CC185154	Benzene	4	E2500046.d	40.25	314317	54.2	495891	0.853	-0.027
E050525A_CC252679_QT_CC185154	Benzene	5	E2500047.d	100.62	771973	54.2	516636	0.804	-0.083
E050525A_CC252679_QT_CC185154	Benzene	6	E2500048.d	201.24	1566630	54.2	517234	0.815	-0.07
E050525A_CC252679_QT_CC185154	Benzene	7	E2500049.d	603.73	5084416	54.2	514456	0.887	0.011
E050525A_CC252679_QT_CC185154	Benzene	QT		120.51		54.2			
						Avg:	517146	0.877	
						%RSD:	2.1%	7.6%	
E050525A_CC252679_QT_CC185154	Toluene	1	E2500043.d	5.34	57611	63.2	569179	1.198	0.21
E050525A_CC252679_QT_CC185154	Toluene	2	E2500044.d	10.88	96506	63.2	555358	1.009	0.02
E050525A_CC252679_QT_CC185154	Toluene	3	E2500045.d	21.76	183454	63.2	550972	0.967	-0.023
E050525A_CC252679_QT_CC185154	Toluene	4	E2500046.d	43.52	328667	63.2	514484	0.927	-0.063
E050525A_CC252679_QT_CC185154	Toluene	5	E2500047.d	108.80	817722	63.2	541924	0.876	-0.11
E050525A_CC252679_QT_CC185154	Toluene	6	E2500048.d	217.60	1753197	63.2	536168	0.949	-0.04
E050525A_CC252679_QT_CC185154	Toluene	7	E2500049.d	652.80	5564266	63.2	538797	0.999	0.01
E050525A_CC252679_QT_CC185154	Toluene	QT		105.84		63.2			
						Avg:	543840	0.989	
						%RSD:	3.2%	10.3%	
E050525A_CC252679_QT_CC185154	Ethylbenzene	1	E2500043.d	5.13	60169	63.2	569179	1.301	0.089
E050525A_CC252679_QT_CC185154	Ethylbenzene	2	E2500044.d	10.46	105835	63.2	555358	1.151	-0.037
E050525A_CC252679_QT_CC185154	Ethylbenzene	3	E2500045.d	20.92	208215	63.2	550972	1.141	-0.045
E050525A_CC252679_QT_CC185154	Ethylbenzene	4	E2500046.d	41.83	392499	63.2	514484	1.152	-0.036
E050525A_CC252679_QT_CC185154	Ethylbenzene	5	E2500047.d	104.58	995735	63.2	541924	1.110	-0.071
E050525A_CC252679_QT_CC185154	Ethylbenzene	6	E2500048.d	209.16	2327735	63.2	536168	1.311	0.097
E050525A_CC252679_QT_CC185154	Ethylbenzene	7	E2500049.d	627.49	6406466	63.2	538797	1.197	0.0018
E050525A_CC252679_QT_CC185154	Ethylbenzene	QT		110.01		63.2			
						Avg:	543840	1.195	
						%RSD:	3.2%	6.7%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG304-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

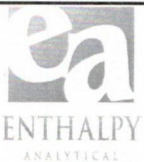
Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	1	E2500043.d	4.85	58394	63.2	569179	1.337	0.29
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	2	E2500044.d	9.88	88399	63.2	555358	1.018	-0.019
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	3	E2500045.d	19.75	172744	63.2	550972	1.003	-0.034
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	4	E2500046.d	39.51	305031	63.2	514484	0.948	-0.086
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	5	E2500047.d	98.77	730099	63.2	541924	0.862	-0.17
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	6	E2500048.d	197.54	1739458	63.2	536168	1.037	-4.1E-05
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	7	E2500049.d	592.63	5345328	63.2	538797	1.057	0.019
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	QT		123.29		63.2			
						Avg:	543840	1.037	
						%RSD:	3.2%	14.2%	
E050525A_CC252679_QT_CC185154	o-Xylene	1	E2500043.d	5.05	50277	63.2	569179	1.104	0.16
E050525A_CC252679_QT_CC185154	o-Xylene	2	E2500044.d	10.30	81187	63.2	555358	0.896	-0.056
E050525A_CC252679_QT_CC185154	o-Xylene	3	E2500045.d	20.60	161444	63.2	550972	0.898	-0.054
E050525A_CC252679_QT_CC185154	o-Xylene	4	E2500046.d	41.21	299918	63.2	514484	0.894	-0.059
E050525A_CC252679_QT_CC185154	o-Xylene	5	E2500047.d	103.02	797704	63.2	541924	0.903	-0.05
E050525A_CC252679_QT_CC185154	o-Xylene	6	E2500048.d	206.03	1692581	63.2	536168	0.968	0.019
E050525A_CC252679_QT_CC185154	o-Xylene	7	E2500049.d	618.10	5206672	63.2	538797	0.988	0.04
E050525A_CC252679_QT_CC185154	o-Xylene	QT		114.65		63.2			
						Avg:	543840	0.950	
						%RSD:	3.2%	8.2%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
E050525A_CC252679_QT_CC185154	Benzene	ICV	E2500050.d	64.90	531194	54.2	505187	0.878	0.1%
E050525A_CC252679_QT_CC185154	Toluene	ICV	E2500050.d	77.40	626119	63.2	533535	0.958	-3.2%
E050525A_CC252679_QT_CC185154	Ethylbenzene	ICV	E2500050.d	87.14	736386	63.2	533535	1.001	-16.0%
E050525A_CC252679_QT_CC185154	m-/p-Xylenes	ICV	E2500050.d	90.70	588321	63.2	533535	0.768	-26.0%
E050525A_CC252679_QT_CC185154	o-Xylene	ICV	E2500050.d	89.27	625693	63.2	533535	0.830	-13.0%

M325B PDF Report ver.20250822

Sample Custody



EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

Page # 1 of # 1

- ☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name: <u>Irrig Searsport</u>				Client Name: <u>Montrose Air</u>				PO#:	
Site Address: <u>52 Station Ave</u>				Project Number: <u># 027957</u>				Sample Event #	
City: <u>Searsport</u>				Project Manager: <u>Harry Brochu</u>				Sorbent:	
State: <u>Maine</u>				Email Address: <u>hbrochu@montrose-env.com</u>					
Zip: <u>04974</u>				Telephone #: <u>207.441.0025</u>					
Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C 43670	S	8/7/25	800	8/21/25	815	HRB		
2	B 27852	S		810		825			
2	B 16991	D		810		825			
2	C 36978	B		810		825			
3	B 16975	S		820		835			
4	B 27801	S		830		845			
5	C 53603	S		840		855			
6	B 50669	S		850		905			
7	C 34309	S		900		915			
8	C 32425	S		915		930			
8	B 43918	D		915		930			
9	C 43870	B		915		930			
9	C 60208	S		925		940			
10	C 44216	S		935		950			
11	C 40143	S		945		1000			
12	C 36989	S		955		1010			
13	B 51054	S		1005		1020			
14	C 40605	S		1015		1030			
15	C 35786	S		1045		1050			
16	B 34001	S		1055		1100			
17	C 38900	S	8/7/25	1105	8/21/25	1110	HRB		
Relinquished By (printed): <u>Harry Brochu</u>				Relinquished By (signature): <u>[Signature]</u>		Relinquished Date: <u>8/21/2025</u>		Relinquished Time: <u>1630</u>	
Received By (printed): <u>David Taylor</u>				Received By (signature): <u>[Signature]</u>		Receipt Date: <u>8/25/25</u>		Receipt Time: <u>10:00</u>	
Sample Condition Upon Receipt: <u>Good</u>				Compound List:		Custody Seal intact? Y/N: <u>Y</u>		Delivery tracking #	
Blank Temp: <u>23.8</u>		Fluke # <u>4</u>		Add Custody Seal # below: <u>24615964</u>					
Comments: <u>① Per tube list: Tube ID = B 44216 JFL 8/28/25</u>									

**This Is The Last Page
Of This Report.**

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 26 Irving Oil - Searsport

Client Project# PROJ-050105

Samples Received: 9/10/2025

Analytical Report 2025GG305

EPA Method 325B Analysis

Report Issue Date: 9/19/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:



QA Review by Isabel Obando Marrero, Data Reviewer



Matt Cavanaugh
Matthew.Cavanaugh@enthalpy.com / www.enthalpy.com
O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG305-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on September 10, 2025 at 20.2 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20250821	C70169	Sample
IRVSEA-2-S-20250821	B46818	Sample
IRVSEA-2-D-20250821	B50948	Duplicate
IRVSEA-2-B-20250821	C70840	Blank
IRVSEA-3-S-20250821	C33515	Sample
IRVSEA-4-S-20250821	C43280	Sample
IRVSEA-5-S-20250821	C43376	Sample
IRVSEA-6-S-20250821	B12042	Sample
IRVSEA-7-S-20250821	C33427	Sample
IRVSEA-8-S-20250821	C32909	Sample
IRVSEA-8-D-20250821	C70078	Duplicate
IRVSEA-8-B-20250821	B28902	Blank
IRVSEA-9-S-20250821	B49474	Sample
IRVSEA-10-S-20250821	C32827	Sample
IRVSEA-11-S-20250821	C59994	Sample
IRVSEA-12-S-20250821	C57558	Sample
IRVSEA-13-S-20250821	C70835	Sample
IRVSEA-14-S-20250821	C38594	Sample
IRVSEA-15-S-20250821	C59929	Sample
IRVSEA-16-S-20250821	B20697	Sample
IRVSEA-17-S-20250821	C43543	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-TD35 is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG305-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The lowest level for the initial calibration (V080725A_CC185154) did not meet method criteria for Ethylbenzene, m-/p-Xylenes, o-Xylene, and Toluene and has been excluded from the curve for those analytes. This results in the LOQ (Limit of Quantitation) being elevated for Ethylbenzene, m-/p-Xylenes, o-Xylene, and Toluene. The integrity of the reported data is not compromised. The initial calibration met all other 30% RSD criteria. The initial calibration verification met 30% difference criteria. The following continuing calibration verifications failed to meet the 30% difference criteria: o-Xylene (V2505551.D). The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20250821 (tube ID B46818) and its corresponding duplicate IRVSEA-2-D-20250821 (tube ID B50948) failed to meet the 30% difference criterion for Ethylbenzene as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged "Pc" for Ethylbenzene to denote this failure.

One of the check CCVs (V2505551.D) exceeded 30% difference in the o-Xylene response factor change from the calibration response factor. No assignable cause could be determined for the high recovery. The CCV has been flagged "Q" to denote the o-Xylene recovery being outside acceptance limits and the samples bracketed by the CCV have been flagged "L" to denote the possibility that these samples are overreported for o-Xylene.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG305-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20250821	C70169	2.95		13.3		2.25	Pc	7.59		3.04	
IRVSEA-2-S-20250821	B46818	1.76		8.21		1.18	J,Pc	3.55		1.32	
IRVSEA-2-D-20250821	B50948	1.85		7.90		1.61	Pc	4.68		1.59	
IRVSEA-2-B-20250821	C70840	0.187	ND	0.242	ND	0.273	ND,Pc	0.273	ND	0.273	ND
IRVSEA-3-S-20250821	C33515	1.94		8.84		1.73	Pc	5.06		1.79	
IRVSEA-4-S-20250821	C43280	1.87		8.37		1.81	Pc	5.58		1.87	
IRVSEA-5-S-20250821	C43376	2.09		10.3		1.57	Pc	5.21		1.83	
IRVSEA-6-S-20250821	B12042	3.02		12.0		1.69	Pc	5.37		1.96	
IRVSEA-7-S-20250821	C33427	3.04		11.5		1.61	Pc	5.29		1.98	
IRVSEA-8-S-20250821	C32909	3.22		12.0		1.77	Pc	5.68		2.09	
IRVSEA-8-D-20250821	C70078	3.72		13.2		2.26	Pc	7.45		2.69	L
IRVSEA-8-B-20250821	B28902	0.188	ND	0.242	ND	0.273	ND,Pc	0.273	ND	0.273	ND,L
IRVSEA-9-S-20250821	B49474	2.44		11.1		1.85	Pc	5.89		2.18	L
IRVSEA-10-S-20250821	C32827	2.68		11.0		1.80	Pc	5.81		2.07	L
IRVSEA-11-S-20250821	C59994	3.55		14.7		2.52	Pc	8.72		3.29	L
IRVSEA-12-S-20250821	C57558	4.50		18.3		2.95	Pc	10.1		3.58	L
IRVSEA-13-S-20250821	C70835	3.06		13.7		2.52	Pc	8.84		3.10	L
IRVSEA-14-S-20250821	C38594	1.67		7.24		1.37	Pc	4.03		1.48	L
IRVSEA-15-S-20250821	C59929	1.73		8.85		1.41	Pc	4.97		1.79	L
IRVSEA-16-S-20250821	B20697	2.67		14.9		2.66	Pc	7.71		2.81	L
IRVSEA-17-S-20250821	C43543	2.06		11.6		2.13	Pc	7.40		2.53	L

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

L: Recovery of one or more bracketing CCVs exceeded acceptance limits

ND: The analyte was not present above the Method Detection Limit

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG305-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250821	C70169	2.95	0.924	39.3	64.3	0.662	20145	0.187	0.452	0.0587	0.142		V2505513.D	2025-09-15 07:13	0.882	8.212	331597	862294	90.3	8.153	0.7%
IRVSEA-2-S-20250821	B46818	1.76	0.550	23.4	64.3	0.662	20145	0.187	0.452	0.0587	0.142		V2505514.D	2025-09-15 07:54	0.882	8.212	191119	834356	90.3	8.153	-2.5%
IRVSEA-2-D-20250821	B50948	1.85	0.580	24.7	64.3	0.662	20145	0.187	0.452	0.0587	0.142		V2505515.D	2025-09-15 08:35	0.882	8.213	199309	825203	90.3	8.153	-3.6%
IRVSEA-2-B-20250821	C70840	0.187	0.0587		64.3	0.662	20145	0.187	0.452	0.0587	0.142	ND	V2505511.D	2025-09-15 05:50	0.882	8.206	7956	744449	90.3	8.159	-13.0%
IRVSEA-3-S-20250821	C33515	1.94	0.609	25.9	64.3	0.662	20145	0.187	0.452	0.0587	0.142		V2505516.D	2025-09-15 09:16	0.882	8.212	193709	764886	90.3	8.153	-10.6%
IRVSEA-4-S-20250821	C43280	1.87	0.585	24.9	64.3	0.662	20145	0.187	0.452	0.0587	0.142		V2505517.D	2025-09-15 09:58	0.882	8.212	207624	853530	90.3	8.153	-0.3%
IRVSEA-5-S-20250821	C43376	2.09	0.656	27.9	64.3	0.662	20145	0.187	0.452	0.0587	0.142		V2505518.D	2025-09-15 10:39	0.882	8.207	235912	864070	90.3	8.153	1.0%
IRVSEA-6-S-20250821	B12042	3.02	0.947	40.3	64.3	0.662	20145	0.187	0.452	0.0587	0.142		V2505519.D	2025-09-15 11:20	0.882	8.206	301078	763705	90.3	8.153	-10.8%
IRVSEA-7-S-20250821	C33427	3.04	0.953	40.6	64.3	0.662	20145	0.187	0.452	0.0587	0.142		V2505520.D	2025-09-15 12:02	0.882	8.207	330124	832647	90.3	8.153	-2.7%
IRVSEA-8-S-20250821	C32909	3.22	1.01	42.9	64.3	0.662	20140	0.188	0.452	0.0587	0.142		V2505521.D	2025-09-15 12:43	0.882	8.207	312557	745548	90.3	8.153	-12.9%
IRVSEA-8-D-20250821	C70078	3.72	1.17	49.6	64.3	0.662	20140	0.188	0.452	0.0587	0.142		V2505541.D	2025-09-16 15:15	0.885	8.219	452606	930754	90.3	8.159	5.4%
IRVSEA-8-B-20250821	B28902	0.188	0.0587		64.3	0.662	20140	0.188	0.452	0.0587	0.142	ND	V2505540.D	2025-09-16 14:38	0.885	8.224	17952	858310	90.3	8.159	-2.8%
IRVSEA-9-S-20250821	B49474	2.44	0.764	32.5	64.3	0.662	20140	0.188	0.452	0.0587	0.142		V2505542.D	2025-09-16 15:52	0.885	8.218	293683	920901	90.3	8.159	4.3%
IRVSEA-10-S-20250821	C32827	2.68	0.838	35.7	64.3	0.662	20140	0.188	0.452	0.0587	0.142		V2505543.D	2025-09-16 16:30	0.885	8.218	311469	890368	90.3	8.159	0.9%
IRVSEA-11-S-20250821	C59994	3.55	1.11	47.4	64.3	0.662	20140	0.188	0.452	0.0587	0.142		V2505544.D	2025-09-16 17:07	0.885	8.212	410051	882926	90.3	8.159	0.0%
IRVSEA-12-S-20250821	C57558	4.50	1.41	60.0	64.3	0.662	20140	0.188	0.452	0.0587	0.142		V2505545.D	2025-09-16 17:45	0.885	8.219	531343	902576	90.3	8.159	2.2%
IRVSEA-13-S-20250821	C70835	3.06	0.957	40.7	64.3	0.662	20140	0.188	0.452	0.0587	0.142		V2505546.D	2025-09-16 18:22	0.885	8.218	350695	877882	90.3	8.159	-0.6%
IRVSEA-14-S-20250821	C38594	1.67	0.522	22.2	64.3	0.662	20140	0.188	0.452	0.0587	0.142		V2505547.D	2025-09-16 19:00	0.885	8.218	193638	888625	90.3	8.159	0.7%
IRVSEA-15-S-20250821	C59929	1.73	0.542	23.1	64.3	0.662	20150	0.187	0.452	0.0587	0.142		V2505548.D	2025-09-16 19:37	0.885	8.219	200831	886830	90.3	8.159	0.5%
IRVSEA-16-S-20250821	B20697	2.67	0.835	35.6	64.3	0.662	20150	0.187	0.452	0.0587	0.142		V2505549.D	2025-09-16 20:14	0.885	8.218	305063	875136	90.3	8.159	-0.9%
IRVSEA-17-S-20250821	C43543	2.06	0.644	27.4	64.3	0.662	20150	0.187	0.452	0.0587	0.142		V2505550.D	2025-09-16 20:52	0.885	8.212	242898	902595	90.3	8.159	2.2%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250821	C70169	13.3	3.54	138	64.3	0.514	20145	0.242	1.02	0.0641	0.272		V2505513.D	2025-09-15 07:13	1.034	10.883	1186767	876199	105.3	10.788	7.5%
IRVSEA-2-S-20250821	B46818	8.21	2.18	85.0	64.3	0.514	20145	0.242	1.02	0.0641	0.272		V2505514.D	2025-09-15 07:54	1.034	10.877	769746	922460	105.3	10.782	13.2%
IRVSEA-2-D-20250821	B50948	7.90	2.10	81.8	64.3	0.514	20145	0.242	1.02	0.0641	0.272		V2505515.D	2025-09-15 08:35	1.034	10.877	652320	812300	105.3	10.788	-0.3%
IRVSEA-2-B-20250821	C70840	0.242	0.0641		64.3	0.514	20145	0.242	1.02	0.0641	0.272	ND	V2505511.D	2025-09-15 05:50	1.034	10.883	9179	832976	105.3	10.788	2.2%
IRVSEA-3-S-20250821	C33515	8.84	2.35	91.4	64.3	0.514	20145	0.242	1.02	0.0641	0.272		V2505516.D	2025-09-15 09:16	1.034	10.877	728554	811199	105.3	10.788	-0.5%
IRVSEA-4-S-20250821	C43280	8.37	2.22	86.6	64.3	0.514	20145	0.242	1.02	0.0641	0.272		V2505517.D	2025-09-15 09:58	1.034	10.877	692221	813811	105.3	10.782	-0.1%
IRVSEA-5-S-20250821	C43376	10.3	2.74	107	64.3	0.514	20145	0.242	1.02	0.0641	0.272		V2505518.D	2025-09-15 10:39	1.034	10.877	924501	880924	105.3	10.783	8.1%
IRVSEA-6-S-20250821	B12042	12.0	3.19	124	64.3	0.514	20145	0.242	1.02	0.0641	0.272		V2505519.D	2025-09-15 11:20	1.034	10.877	1136629	930193	105.3	10.782	14.1%
IRVSEA-7-S-20250821	C33427	11.5	3.05	119	64.3	0.514	20145	0.242	1.02	0.0641	0.272		V2505520.D	2025-09-15 12:02	1.034	10.877	1068968	915512	105.3	10.783	12.3%
IRVSEA-8-S-20250821	C32909	12.0	3.20	125	64.3	0.514	20140	0.242	1.02	0.0642	0.272		V2505521.D	2025-09-15 12:43	1.034	10.877	1056277	863519	105.3	10.782	6.0%
IRVSEA-8-D-20250821	C70078	13.2	3.50	136	64.3	0.514	20140	0.242	1.02	0.0642	0.272		V2505541.D	2025-09-16 15:15	1.014	10.884	1228186	935084	105.3	10.789	-1.1%
IRVSEA-8-B-20250821	B28902	0.242	0.0642		64.3	0.514	20140	0.242	1.02	0.0642	0.272	ND	V2505540.D	2025-09-16 14:38	1.014	10.883	20581	866144	105.3	10.788	-8.4%
IRVSEA-9-S-20250821	B49474	11.1	2.96	115	64.3	0.514	20140	0.242	1.02	0.0642	0.272		V2505542.D	2025-09-16 15:52	1.014	10.883	1012427	912321	105.3	10.794	-3.5%
IRVSEA-10-S-20250821	C32827	11.0	2.92	114	64.3	0.514	20140	0.242	1.02	0.0642	0.272		V2505543.D	2025-09-16 16:30	1.014	10.883	1009375	922401	105.3	10.788	-2.4%
IRVSEA-11-S-20250821	C59994	14.7	3.91	153	64.3	0.514	20140	0.242	1.02	0.0642	0.272		V2505544.D	2025-09-16 17:07	1.014	10.883	1316434	896415	105.3	10.788	-5.2%
IRVSEA-12-S-20250821	C57558	18.3	4.85	189	64.3	0.514	20140	0.242	1.02	0.0642	0.272		V2505545.D	2025-09-16 17:45	1.014	10.884	1701710	934879	105.3	10.789	-1.1%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG305-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20250821	C70835	13.7	3.63	141	64.3	0.514	20140	0.242	1.02	0.0642	0.272		V2505546.D	2025-09-16 18:22	1.014	10.883	1237586	908876	105.3	10.788	-3.8%
IRVSEA-14-S-20250821	C38594	7.24	1.92	74.9	64.3	0.514	20140	0.242	1.02	0.0642	0.272		V2505547.D	2025-09-16 19:00	1.014	10.883	650141	900947	105.3	10.788	-4.7%
IRVSEA-15-S-20250821	C59929	8.85	2.35	91.6	64.3	0.514	20150	0.241	1.02	0.0641	0.272		V2505548.D	2025-09-16 19:37	1.014	10.878	820737	930672	105.3	10.789	-1.5%
IRVSEA-16-S-20250821	B20697	14.9	3.94	154	64.3	0.514	20150	0.241	1.02	0.0641	0.272		V2505549.D	2025-09-16 20:14	1.014	10.883	1367766	923817	105.3	10.788	-2.3%
IRVSEA-17-S-20250821	C43543	11.6	3.07	120	64.3	0.514	20150	0.241	1.02	0.0641	0.272		V2505550.D	2025-09-16 20:52	1.014	10.883	1042345	903943	105.3	10.788	-4.4%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250821	C70169	2.25	0.517	20.6	64.3	0.455	20145	0.273	1.20	0.0629	0.277	Pc	V2505513.D	2025-09-15 07:13	1.165	13.032	199257	876199	105.3	10.788	7.5%
IRVSEA-2-S-20250821	B46818	1.18	0.272	10.8	64.3	0.455	20145	0.273	1.20	0.0629	0.277	J,Pc	V2505514.D	2025-09-15 07:54	1.165	13.032	110169	922460	105.3	10.782	13.2%
IRVSEA-2-D-20250821	B50948	1.61	0.372	14.8	64.3	0.455	20145	0.273	1.20	0.0629	0.277	Pc	V2505515.D	2025-09-15 08:35	1.165	13.032	132667	812300	105.3	10.788	-0.3%
IRVSEA-2-B-20250821	C70840	0.273	0.0629		64.3	0.455	20145	0.273	1.20	0.0629	0.277	ND,Pc	V2505511.D	2025-09-15 05:50	1.165	13.032	1884	832976	105.3	10.788	2.2%
IRVSEA-3-S-20250821	C33515	1.73	0.399	15.9	64.3	0.455	20145	0.273	1.20	0.0629	0.277	Pc	V2505516.D	2025-09-15 09:16	1.165	13.032	142252	811199	105.3	10.788	-0.5%
IRVSEA-4-S-20250821	C43280	1.81	0.418	16.6	64.3	0.455	20145	0.273	1.20	0.0629	0.277	Pc	V2505517.D	2025-09-15 09:58	1.165	13.032	149374	813811	105.3	10.782	-0.1%
IRVSEA-5-S-20250821	C43376	1.57	0.361	14.3	64.3	0.455	20145	0.273	1.20	0.0629	0.277	Pc	V2505518.D	2025-09-15 10:39	1.165	13.032	139760	880924	105.3	10.783	8.1%
IRVSEA-6-S-20250821	B12042	1.69	0.388	15.4	64.3	0.455	20145	0.273	1.20	0.0629	0.277	Pc	V2505519.D	2025-09-15 11:20	1.165	13.032	158789	930193	105.3	10.782	14.1%
IRVSEA-7-S-20250821	C33427	1.61	0.372	14.8	64.3	0.455	20145	0.273	1.20	0.0629	0.277	Pc	V2505520.D	2025-09-15 12:02	1.165	13.032	149746	915512	105.3	10.783	12.3%
IRVSEA-8-S-20250821	C32909	1.77	0.408	16.2	64.3	0.455	20140	0.273	1.20	0.0629	0.277	Pc	V2505521.D	2025-09-15 12:43	1.165	13.032	154999	863519	105.3	10.782	6.0%
IRVSEA-8-D-20250821	C70078	2.26	0.520	20.7	64.3	0.455	20140	0.273	1.20	0.0629	0.277	Pc	V2505541.D	2025-09-16 15:15	1.097	13.032	201359	935084	105.3	10.789	-1.1%
IRVSEA-8-B-20250821	B28902	0.273	0.0629		64.3	0.455	20140	0.273	1.20	0.0629	0.277	ND,Pc	V2505540.D	2025-09-16 14:38	1.097	13.044	6416	866144	105.3	10.788	-8.4%
IRVSEA-9-S-20250821	B49474	1.85	0.426	16.9	64.3	0.455	20140	0.273	1.20	0.0629	0.277	Pc	V2505542.D	2025-09-16 15:52	1.097	13.038	160927	912321	105.3	10.794	-3.5%
IRVSEA-10-S-20250821	C32827	1.80	0.415	16.5	64.3	0.455	20140	0.273	1.20	0.0629	0.277	Pc	V2505543.D	2025-09-16 16:30	1.097	13.038	158551	922401	105.3	10.788	-2.4%
IRVSEA-11-S-20250821	C59994	2.52	0.580	23.0	64.3	0.455	20140	0.273	1.20	0.0629	0.277	Pc	V2505544.D	2025-09-16 17:07	1.097	13.032	214997	896415	105.3	10.788	-5.2%
IRVSEA-12-S-20250821	C57558	2.95	0.680	27.0	64.3	0.455	20140	0.273	1.20	0.0629	0.277	Pc	V2505545.D	2025-09-16 17:45	1.097	13.032	263061	934879	105.3	10.789	-1.1%
IRVSEA-13-S-20250821	C70835	2.52	0.580	23.0	64.3	0.455	20140	0.273	1.20	0.0629	0.277	Pc	V2505546.D	2025-09-16 18:22	1.097	13.032	218172	908876	105.3	10.788	-3.8%
IRVSEA-14-S-20250821	C38594	1.37	0.316	12.5	64.3	0.455	20140	0.273	1.20	0.0629	0.277	Pc	V2505547.D	2025-09-16 19:00	1.097	13.032	117609	900947	105.3	10.788	-4.7%
IRVSEA-15-S-20250821	C59929	1.41	0.325	12.9	64.3	0.455	20150	0.273	1.20	0.0629	0.277	Pc	V2505548.D	2025-09-16 19:37	1.097	13.032	125202	930672	105.3	10.789	-1.5%
IRVSEA-16-S-20250821	B20697	2.66	0.613	24.4	64.3	0.455	20150	0.273	1.20	0.0629	0.277	Pc	V2505549.D	2025-09-16 20:14	1.097	13.032	234489	923817	105.3	10.788	-2.3%
IRVSEA-17-S-20250821	C43543	2.13	0.491	19.5	64.3	0.455	20150	0.273	1.20	0.0629	0.277	Pc	V2505550.D	2025-09-16 20:52	1.097	13.038	183608	903943	105.3	10.788	-4.4%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m ³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m ³)	LOQ (ug/m ³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250821	C70169	7.59	1.75	69.5	64.3	0.455	20145	0.273	1.35	0.0629	0.311		V2505513.D	2025-09-15 07:13	0.973	13.210	562984	876199	105.3	10.788	7.5%
IRVSEA-2-S-20250821	B46818	3.55	0.818	32.5	64.3	0.455	20145	0.273	1.35	0.0629	0.311		V2505514.D	2025-09-15 07:54	0.973	13.204	277277	922460	105.3	10.782	13.2%
IRVSEA-2-D-20250821	B50948	4.68	1.08	42.9	64.3	0.455	20145	0.273	1.35	0.0629	0.311		V2505515.D	2025-09-15 08:35	0.973	13.204	322065	812300	105.3	10.788	-0.3%
IRVSEA-2-B-20250821	C70840	0.273	0.0629		64.3	0.455	20145	0.273	1.35	0.0629	0.311	ND	V2505511.D	2025-09-15 05:50	0.973	13.222	2381	832976	105.3	10.788	2.2%
IRVSEA-3-S-20250821	C33515	5.06	1.17	46.4	64.3	0.455	20145	0.273	1.35	0.0629	0.311		V2505516.D	2025-09-15 09:16	0.973	13.210	347642	811199	105.3	10.788	-0.5%
IRVSEA-4-S-20250821	C43280	5.58	1.28	51.0	64.3	0.455	20145	0.273	1.35	0.0629	0.311		V2505517.D	2025-09-15 09:58	0.973	13.210	384113	813811	105.3	10.782	-0.1%
IRVSEA-5-S-20250821	C43376	5.21	1.20	47.7	64.3	0.455	20145	0.273	1.35	0.0629	0.311		V2505518.D	2025-09-15 10:39	0.973	13.210	388663	880924	105.3	10.783	8.1%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG305-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20250821	B12042	5.37	1.24	49.2	64.3	0.455	20145	0.273	1.35	0.0629	0.311		V2505519.D	2025-09-15 11:20	0.973	13.204	423214	930193	105.3	10.782	14.1%
IRVSEA-7-S-20250821	C33427	5.29	1.22	48.4	64.3	0.455	20145	0.273	1.35	0.0629	0.311		V2505520.D	2025-09-15 12:02	0.973	13.204	409840	915512	105.3	10.783	12.3%
IRVSEA-8-S-20250821	C32909	5.68	1.31	52.0	64.3	0.455	20140	0.273	1.35	0.0629	0.311		V2505521.D	2025-09-15 12:43	0.973	13.204	415281	863519	105.3	10.782	6.0%
IRVSEA-8-D-20250821	C70078	7.45	1.72	68.2	64.3	0.455	20140	0.273	1.35	0.0629	0.311		V2505541.D	2025-09-16 15:15	0.864	13.210	523675	935084	105.3	10.789	-1.1%
IRVSEA-8-B-20250821	B28902	0.273	0.0629		64.3	0.455	20140	0.273	1.35	0.0629	0.311	ND	V2505540.D	2025-09-16 14:38	0.864	13.228	6376	866144	105.3	10.788	-8.4%
IRVSEA-9-S-20250821	B49474	5.89	1.36	54.0	64.3	0.455	20140	0.273	1.35	0.0629	0.311		V2505542.D	2025-09-16 15:52	0.864	13.210	403969	912321	105.3	10.794	-3.5%
IRVSEA-10-S-20250821	C32827	5.81	1.34	53.1	64.3	0.455	20140	0.273	1.35	0.0629	0.311		V2505543.D	2025-09-16 16:30	0.864	13.210	402273	922401	105.3	10.788	-2.4%
IRVSEA-11-S-20250821	C59994	8.72	2.01	79.8	64.3	0.455	20140	0.273	1.35	0.0629	0.311		V2505544.D	2025-09-16 17:07	0.864	13.210	587224	896415	105.3	10.788	-5.2%
IRVSEA-12-S-20250821	C57558	10.1	2.33	92.5	64.3	0.455	20140	0.273	1.35	0.0629	0.311		V2505545.D	2025-09-16 17:45	0.864	13.210	710053	934879	105.3	10.789	-1.1%
IRVSEA-13-S-20250821	C70835	8.84	2.04	80.9	64.3	0.455	20140	0.273	1.35	0.0629	0.311		V2505546.D	2025-09-16 18:22	0.864	13.210	603673	908876	105.3	10.788	-3.8%
IRVSEA-14-S-20250821	C38594	4.03	0.928	36.9	64.3	0.455	20140	0.273	1.35	0.0629	0.311		V2505547.D	2025-09-16 19:00	0.864	13.210	272687	900947	105.3	10.788	-4.7%
IRVSEA-15-S-20250821	C59929	4.97	1.15	45.6	64.3	0.455	20150	0.273	1.35	0.0629	0.310		V2505548.D	2025-09-16 19:37	0.864	13.210	347948	930672	105.3	10.789	-1.5%
IRVSEA-16-S-20250821	B20697	7.71	1.78	70.6	64.3	0.455	20150	0.273	1.35	0.0629	0.310		V2505549.D	2025-09-16 20:14	0.864	13.210	535230	923817	105.3	10.788	-2.3%
IRVSEA-17-S-20250821	C43543	7.40	1.70	67.7	64.3	0.455	20150	0.273	1.35	0.0629	0.310		V2505550.D	2025-09-16 20:52	0.864	13.210	502563	903943	105.3	10.788	-4.4%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250821	C70169	3.04	0.701	27.8	64.3	0.455	20145	0.273	1.25	0.0629	0.289		V2505513.D	2025-09-15 07:13	0.975	13.709	226010	876199	105.3	10.788	7.5%
IRVSEA-2-S-20250821	B46818	1.32	0.305	12.1	64.3	0.455	20145	0.273	1.25	0.0629	0.289		V2505514.D	2025-09-15 07:54	0.975	13.703	103561	922460	105.3	10.782	13.2%
IRVSEA-2-D-20250821	B50948	1.59	0.368	14.6	64.3	0.455	20145	0.273	1.25	0.0629	0.289		V2505515.D	2025-09-15 08:35	0.975	13.709	109869	812300	105.3	10.788	-0.3%
IRVSEA-2-B-20250821	C70840	0.273	0.0629		64.3	0.455	20145	0.273	1.25	0.0629	0.289	ND	V2505511.D	2025-09-15 05:50	0.975	13.703	860	832976	105.3	10.788	2.2%
IRVSEA-3-S-20250821	C33515	1.79	0.413	16.4	64.3	0.455	20145	0.273	1.25	0.0629	0.289		V2505516.D	2025-09-15 09:16	0.975	13.702	123226	811199	105.3	10.788	-0.5%
IRVSEA-4-S-20250821	C43280	1.87	0.430	17.1	64.3	0.455	20145	0.273	1.25	0.0629	0.289		V2505517.D	2025-09-15 09:58	0.975	13.703	128928	813811	105.3	10.782	-0.1%
IRVSEA-5-S-20250821	C43376	1.83	0.421	16.7	64.3	0.455	20145	0.273	1.25	0.0629	0.289		V2505518.D	2025-09-15 10:39	0.975	13.703	136430	880924	105.3	10.783	8.1%
IRVSEA-6-S-20250821	B12042	1.96	0.453	18.0	64.3	0.455	20145	0.273	1.25	0.0629	0.289		V2505519.D	2025-09-15 11:20	0.975	13.702	154973	930193	105.3	10.782	14.1%
IRVSEA-7-S-20250821	C33427	1.98	0.455	18.1	64.3	0.455	20145	0.273	1.25	0.0629	0.289		V2505520.D	2025-09-15 12:02	0.975	13.703	153463	915512	105.3	10.783	12.3%
IRVSEA-8-S-20250821	C32909	2.09	0.481	19.1	64.3	0.455	20140	0.273	1.25	0.0629	0.289		V2505521.D	2025-09-15 12:43	0.975	13.703	152887	863519	105.3	10.782	6.0%
IRVSEA-8-D-20250821	C70078	2.69	0.620	24.6	64.3	0.455	20140	0.273	1.25	0.0629	0.289	L	V2505541.D	2025-09-16 15:15	0.894	13.709	195547	935084	105.3	10.789	-1.1%
IRVSEA-8-B-20250821	B28902	0.273	0.0629		64.3	0.455	20140	0.273	1.25	0.0629	0.289	ND,L	V2505540.D	2025-09-16 14:38	0.894	13.703	3632	866144	105.3	10.788	-8.4%
IRVSEA-9-S-20250821	B49474	2.18	0.501	19.9	64.3	0.455	20140	0.273	1.25	0.0629	0.289	L	V2505542.D	2025-09-16 15:52	0.894	13.709	154169	912321	105.3	10.794	-3.5%
IRVSEA-10-S-20250821	C32827	2.07	0.477	19.0	64.3	0.455	20140	0.273	1.25	0.0629	0.289	L	V2505543.D	2025-09-16 16:30	0.894	13.709	148402	922401	105.3	10.788	-2.4%
IRVSEA-11-S-20250821	C59994	3.29	0.759	30.2	64.3	0.455	20140	0.273	1.25	0.0629	0.289	L	V2505544.D	2025-09-16 17:07	0.894	13.708	229399	896415	105.3	10.788	-5.2%
IRVSEA-12-S-20250821	C57558	3.58	0.825	32.8	64.3	0.455	20140	0.273	1.25	0.0629	0.289	L	V2505545.D	2025-09-16 17:45	0.894	13.703	260109	934879	105.3	10.789	-1.1%
IRVSEA-13-S-20250821	C70835	3.10	0.714	28.4	64.3	0.455	20140	0.273	1.25	0.0629	0.289	L	V2505546.D	2025-09-16 18:22	0.894	13.703	218887	908876	105.3	10.788	-3.8%
IRVSEA-14-S-20250821	C38594	1.48	0.341	13.6	64.3	0.455	20140	0.273	1.25	0.0629	0.289	L	V2505547.D	2025-09-16 19:00	0.894	13.703	103685	900947	105.3	10.788	-4.7%
IRVSEA-15-S-20250821	C59929	1.79	0.412	16.4	64.3	0.455	20150	0.273	1.25	0.0629	0.289	L	V2505548.D	2025-09-16 19:37	0.894	13.709	129197	930672	105.3	10.789	-1.5%
IRVSEA-16-S-20250821	B20697	2.81	0.647	25.7	64.3	0.455	20150	0.273	1.25	0.0629	0.289	L	V2505549.D	2025-09-16 20:14	0.894	13.702	201651	923817	105.3	10.788	-2.3%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG305-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20250821	C43543	2.53	0.583	23.2	64.3	0.455	20150	0.273	1.25	0.0629	0.289	L	V2505550.D	2025-09-16 20:52	0.894	13.709	177701	903943	105.3	10.788	-4.4%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
L: Recovery of one or more bracketing CCVs exceeded acceptance limits
ND: The analyte was not present above the Method Detection Limit
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG305-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20250821	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20250821	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20250821	5.3%	Pass	3.8%	Pass	31%	Fail	28%	Pass	19%	Pass
	IRVSEA-8-D-20250821	14%	Pass	9.1%	Pass	24%	Pass	27%	Pass	25%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG305-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2505509.D	C53570	Cal	0.882		0.882	-17%	-17%		Pass	
2025GG305 Method Blank-1	V2505510.D	B15307	Blank			0.882			-2.3%	Pass	ND
M325B CCV 5	V2505522.D	C53617	Check	0.954		0.882	-10%		-0.39%	Pass	
M325B CCV 5	V2505539.D	B20673	Cal	0.885		0.885	-17%	-15%		Pass	
M325B CCV 5 REC	V2505551.D	B20673	Check	0.908		0.885	-15%		1.9%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2505509.D	C53570	Cal	1.034		1.034	-12%	-24%		Pass	
2025GG305 Method Blank-1	V2505510.D	B15307	Blank			1.034			13%	Pass	ND
M325B CCV 5	V2505522.D	C53617	Check	1.068		1.034	-9.6%		-0.86%	Pass	
M325B CCV 5	V2505539.D	B20673	Cal	1.014		1.014	-14%	-12%		Pass	
M325B CCV 5 REC	V2505551.D	B20673	Check	1.185		1.014	0.38%		-16%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2505509.D	C53570	Cal	1.165		1.165	9.1%	-24%		Pass	
2025GG305 Method Blank-1	V2505510.D	B15307	Blank			1.165			13%	Pass	ND
M325B CCV 5	V2505522.D	C53617	Check	1.232		1.165	15%		-0.86%	Pass	
M325B CCV 5	V2505539.D	B20673	Cal	1.097		1.097	2.7%	-12%		Pass	
M325B CCV 5 REC	V2505551.D	B20673	Check	1.280		1.097	20%		-16%	Pass	

m-/p-Xylenes Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2505509.D	C53570	Cal	0.973		0.973	24%	-24%		Pass	
2025GG305 Method Blank-1	V2505510.D	B15307	Blank			0.973			13%	Pass	ND
M325B CCV 5	V2505522.D	C53617	Check	0.991		0.973	27%		-0.86%	Pass	
M325B CCV 5	V2505539.D	B20673	Cal	0.864		0.864	11%	-12%		Pass	
M325B CCV 5 REC	V2505551.D	B20673	Check	0.986		0.864	26%		-16%	Pass	

o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2505509.D	C53570	Cal	0.975		0.975	24%	-24%		Pass	
2025GG305 Method Blank-1	V2505510.D	B15307	Blank			0.975			13%	Pass	ND
M325B CCV 5	V2505522.D	C53617	Check	0.985		0.975	25%		-0.86%	Pass	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG305-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

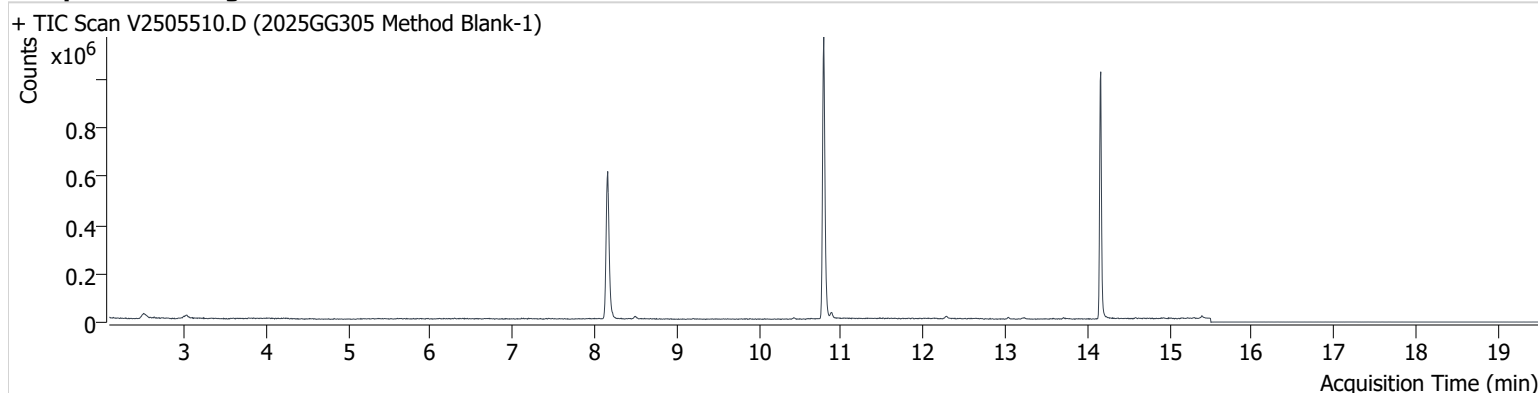
o-Xylene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5	V2505539.D	B20673	Cal	0.894		0.894	14%	-12%		Pass	
M325B CCV 5 REC	V2505551.D	B20673	Check	1.045		0.894	33%		-16%	Fail	Q

Chromatograms

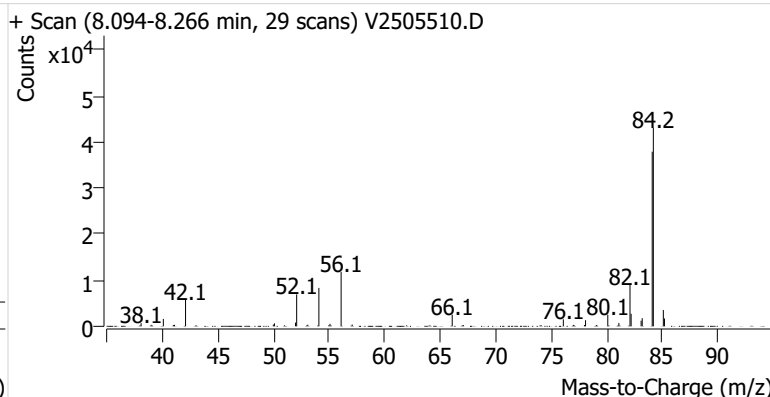
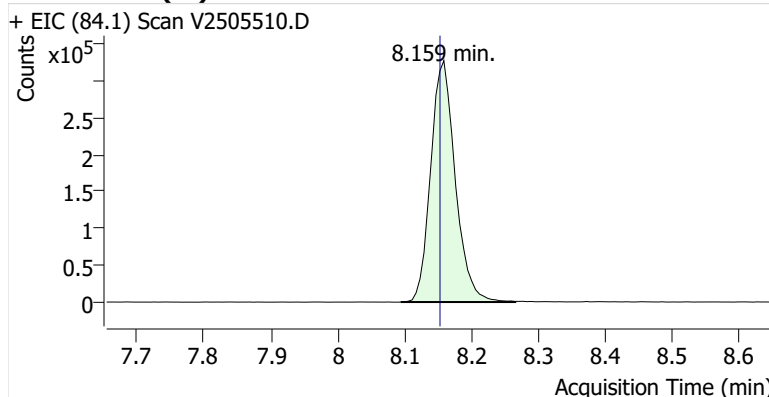
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Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

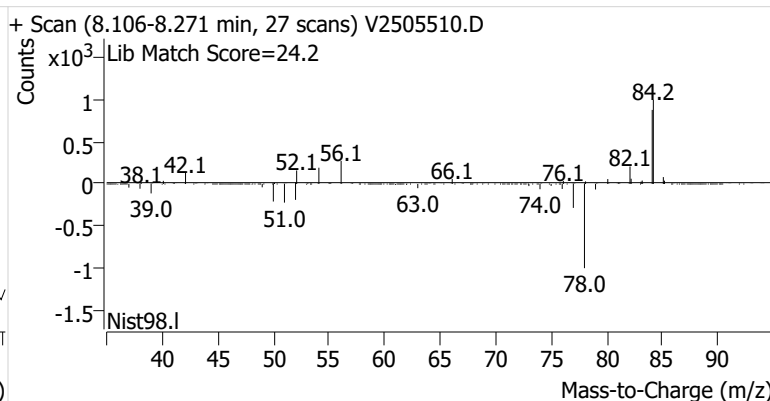
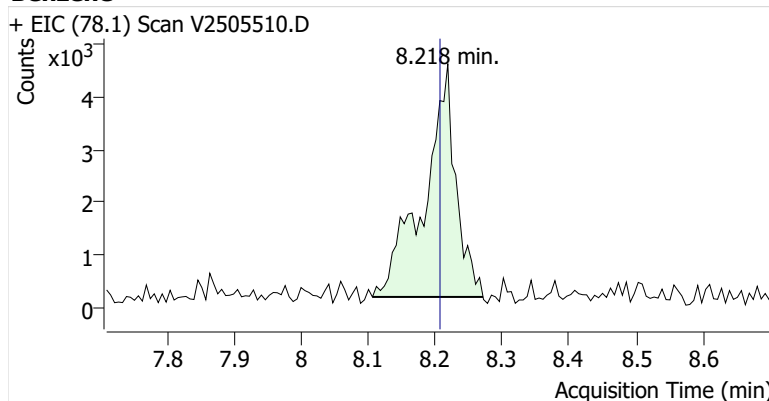


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	836,322	
Benzene	Benzene-d6 (IS)	8.218	8.207	14,716	
Toluene-d8 (IS)		10.788	10.783	924,045	
Toluene	Toluene-d8 (IS)	10.883	10.878	16,391	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.032	4,541	
m-/p-Xylenes	Toluene-d8 (IS)	13.204	13.204	4,647	
o-Xylene	Toluene-d8 (IS)	13.709	13.703	3,658	

Benzene-d6 (IS)

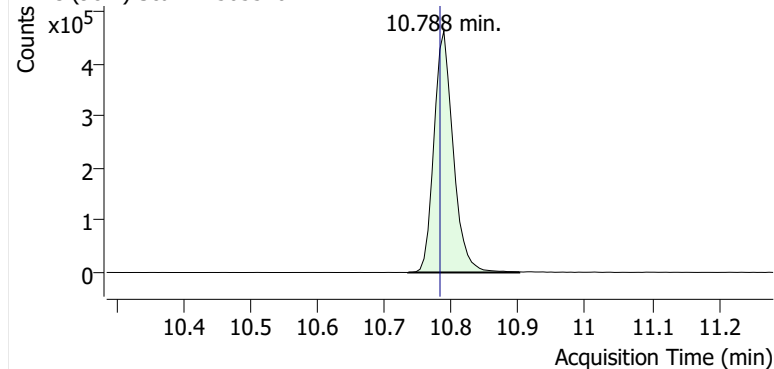


Benzene

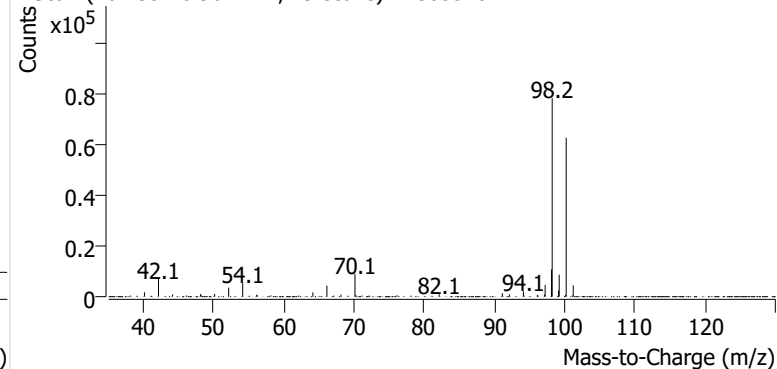


Toluene-d8 (IS)

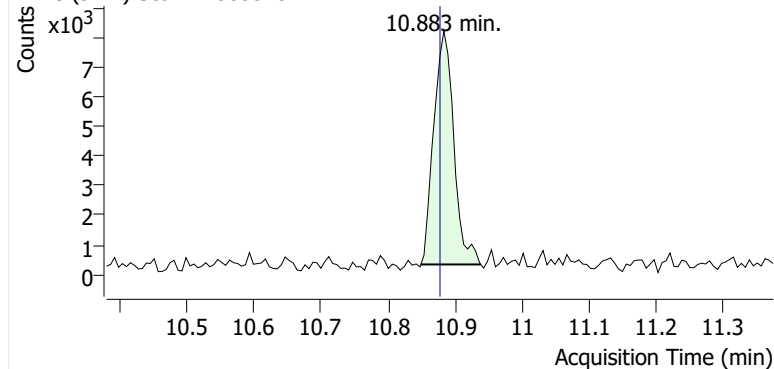
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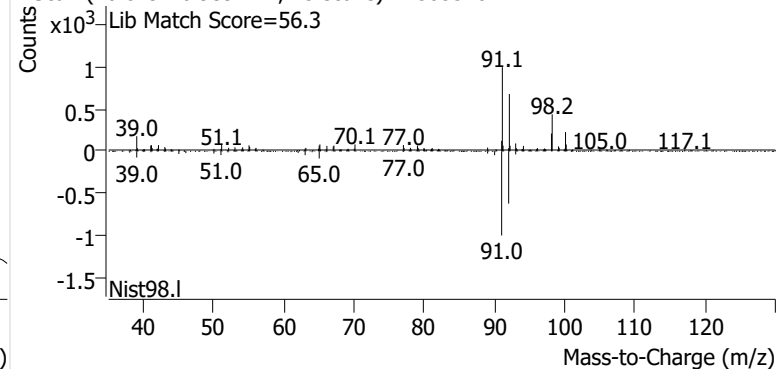
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**Toluene**

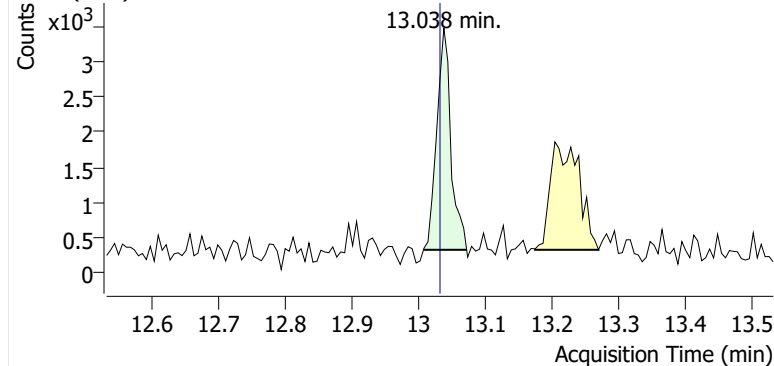
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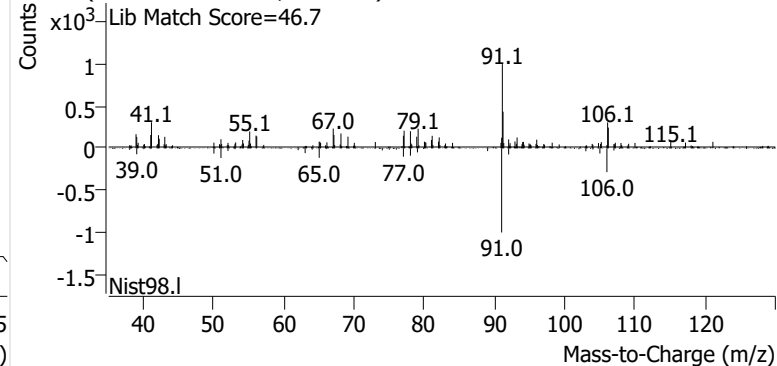
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**Ethylbenzene**

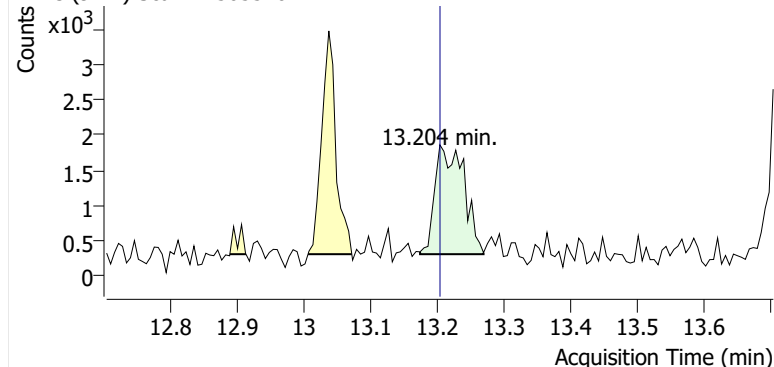
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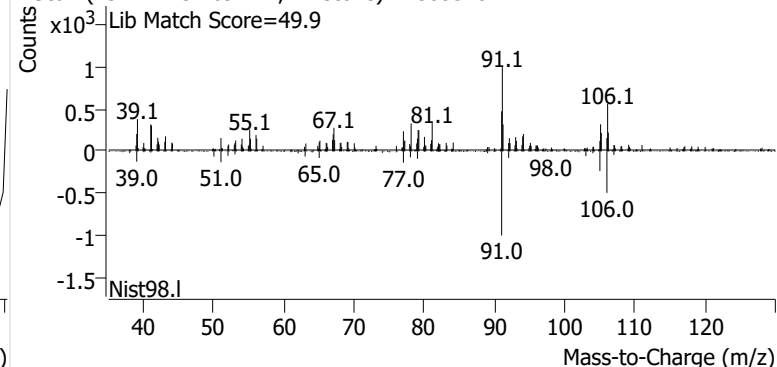
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**m-/p-Xylenes**

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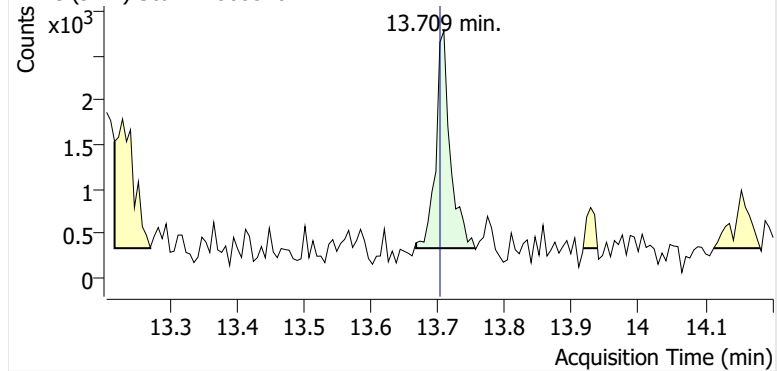


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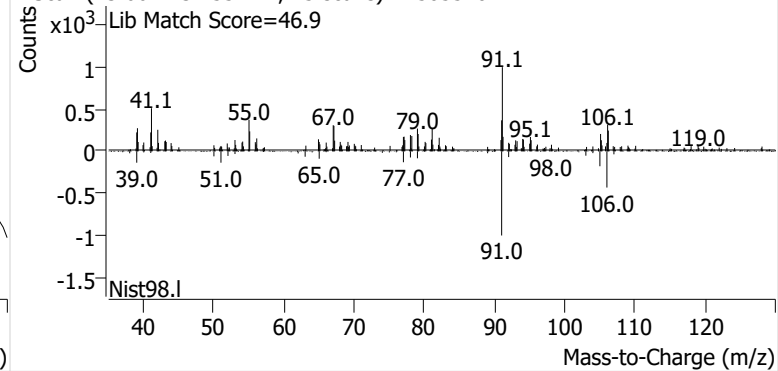


o-Xylene

+ EIC (91.1) Scan V2505510.D

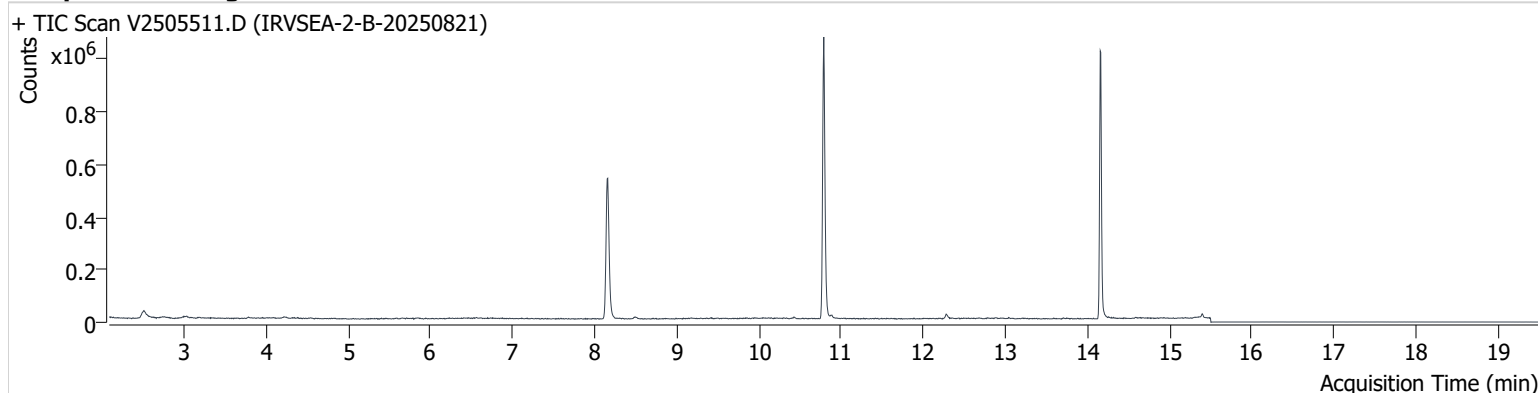


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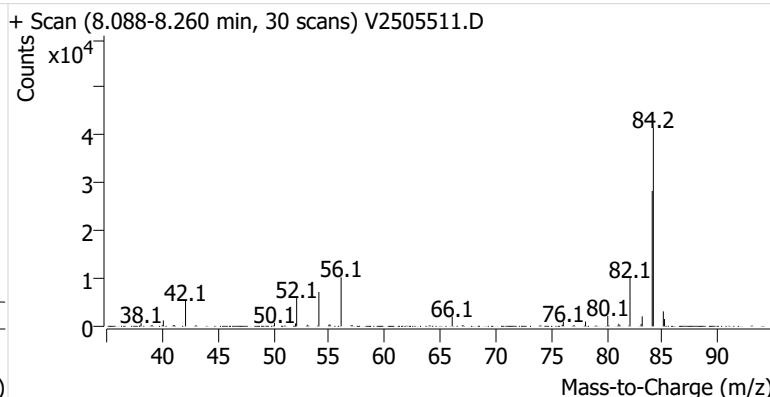
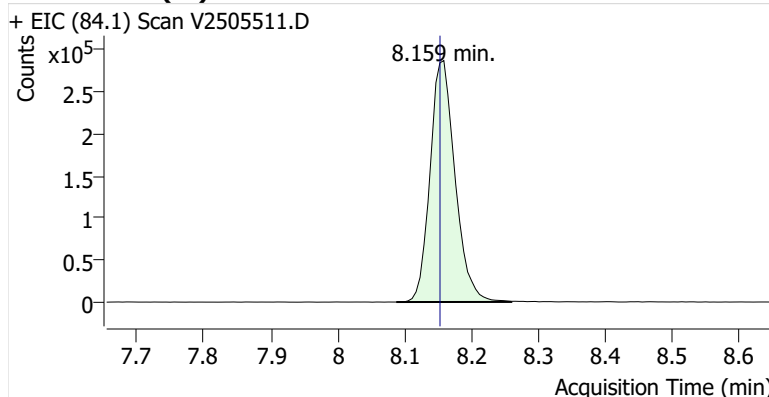
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Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

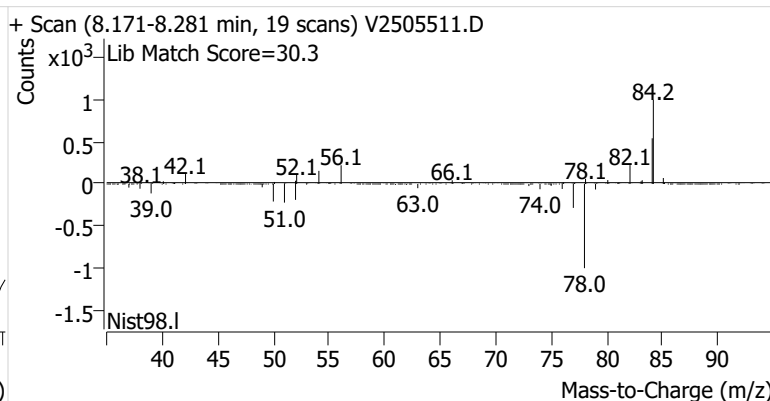
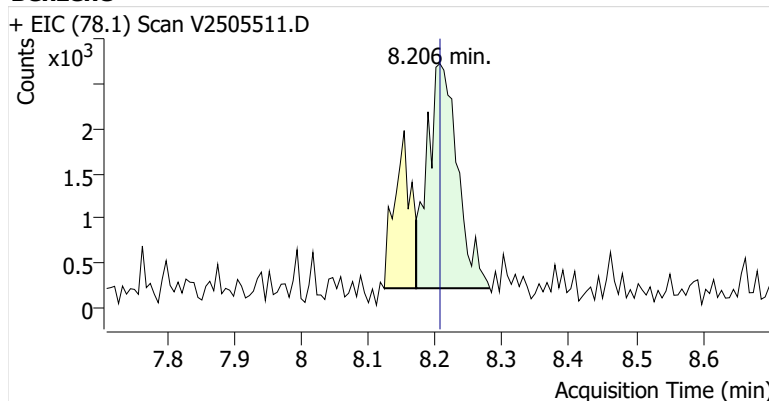


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	744,449	
Benzene	Benzene-d6 (IS)	8.206	8.207	7,956	
Toluene-d8 (IS)		10.788	10.783	832,976	
Toluene	Toluene-d8 (IS)	10.883	10.878	9,179	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	1,884	
m-/p-Xylenes	Toluene-d8 (IS)	13.222	13.204	2,381	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	860	

Benzene-d6 (IS)

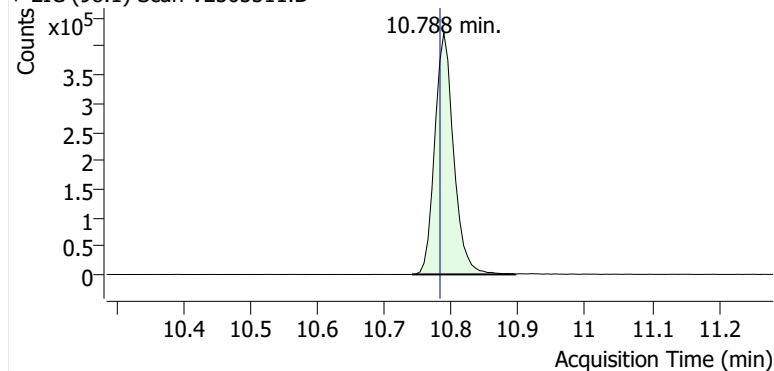


Benzene

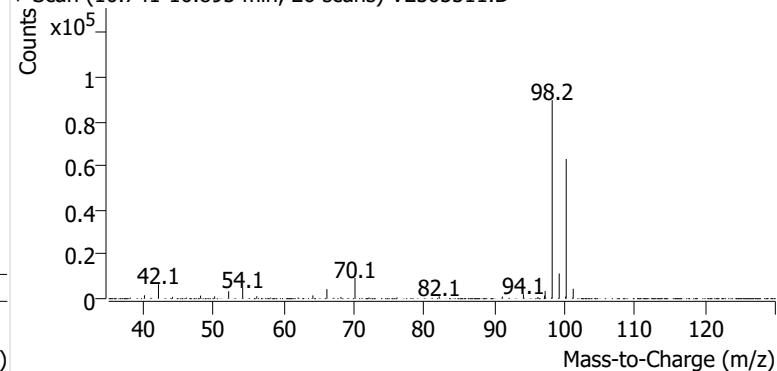


Toluene-d8 (IS)

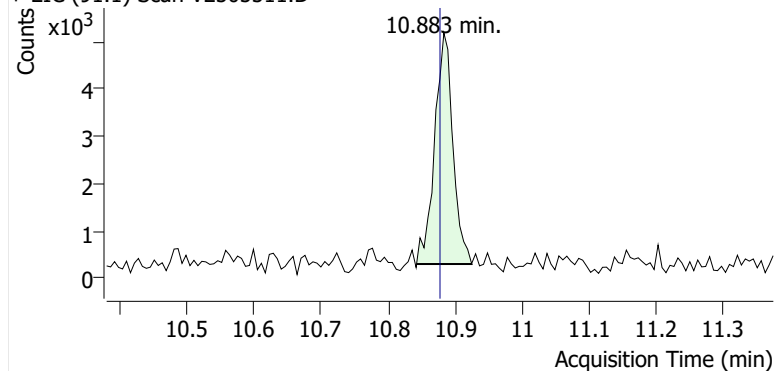
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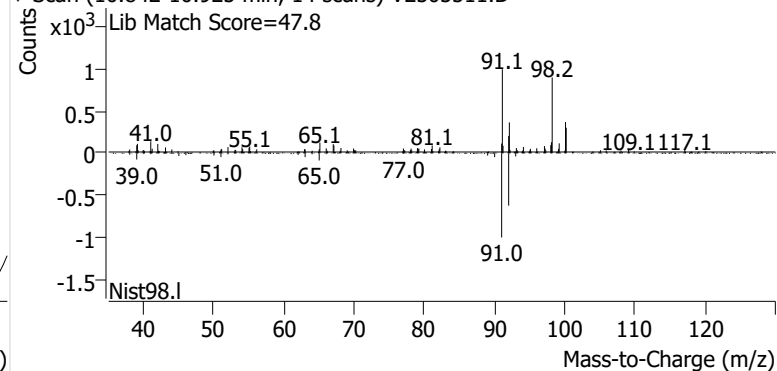
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**Toluene**

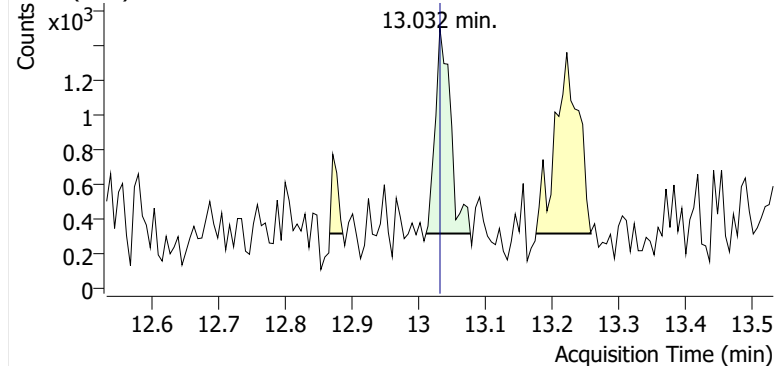
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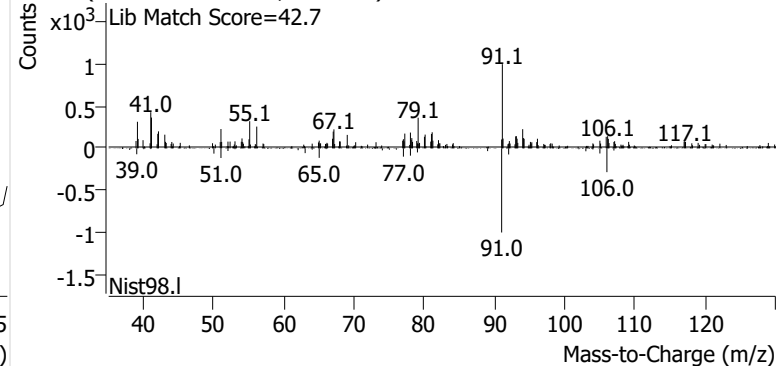
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**Ethylbenzene**

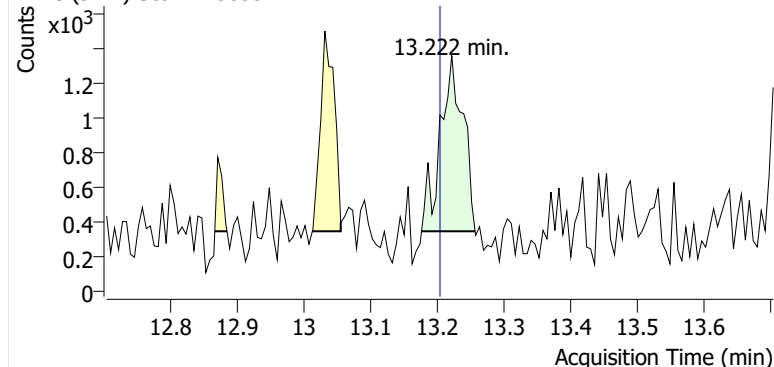
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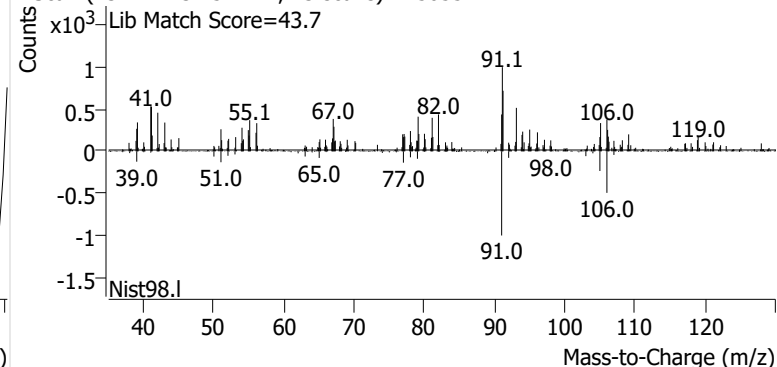
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**m-/p-Xylenes**

+ EIC (91.1) Scan V2505511.D

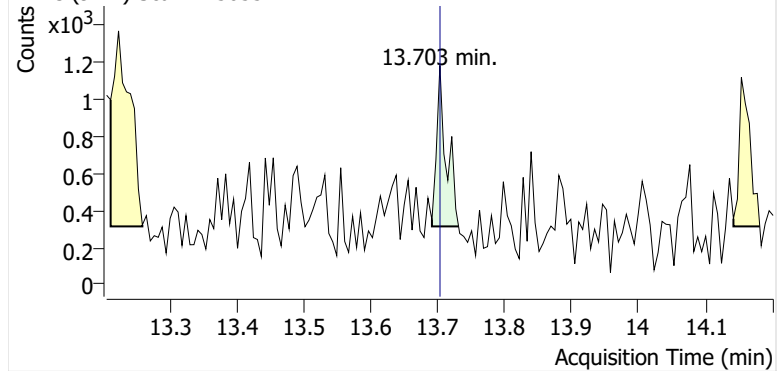


+ Scan (13.177-13.257 min, 13 scans) V2505511.D

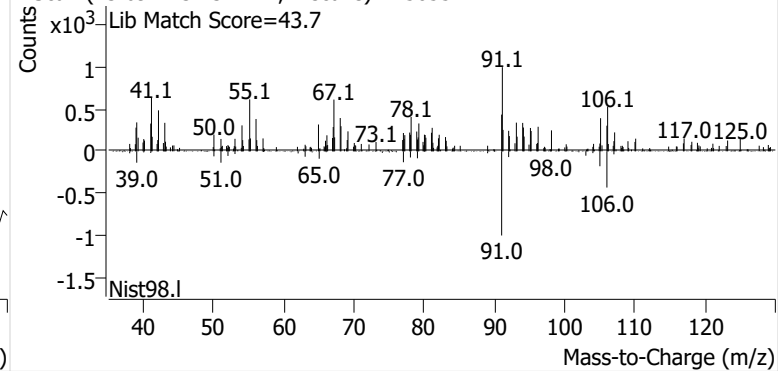


o-Xylene

+ EIC (91.1) Scan V2505511.D

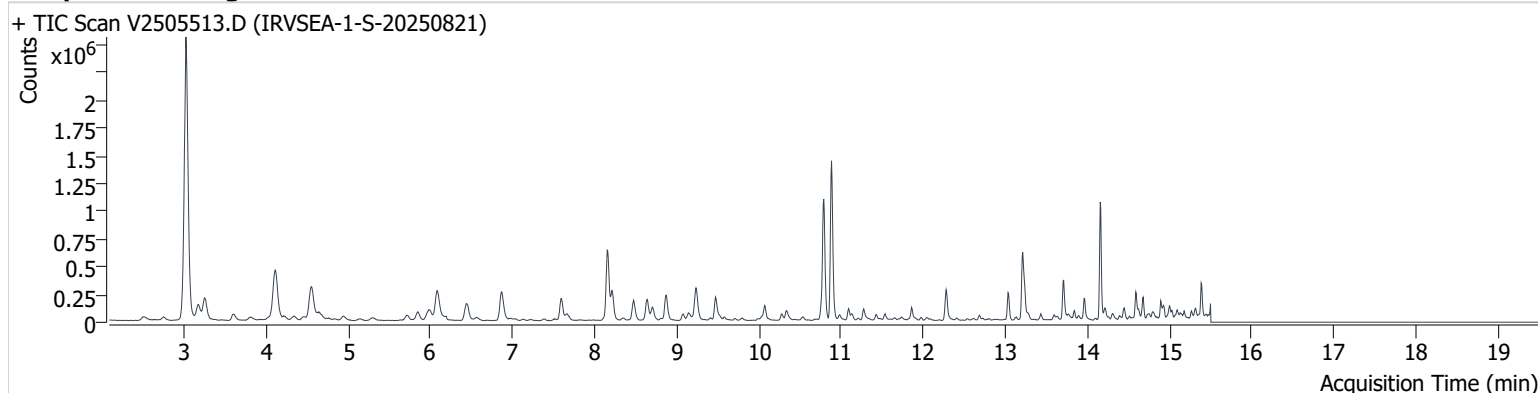


+ Scan (13.691-13.731 min, 7 scans) V2505511.D



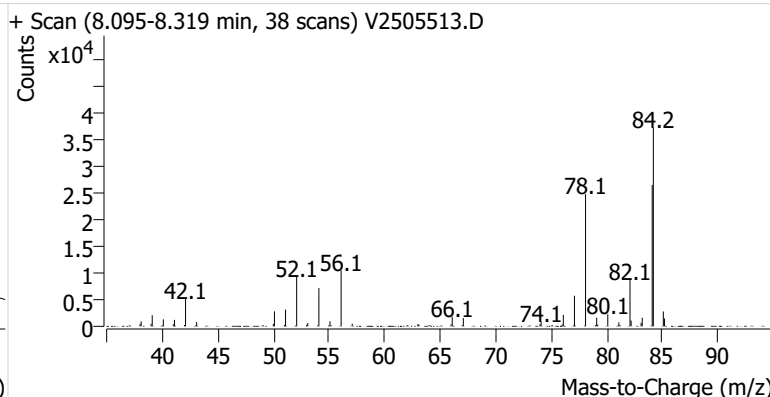
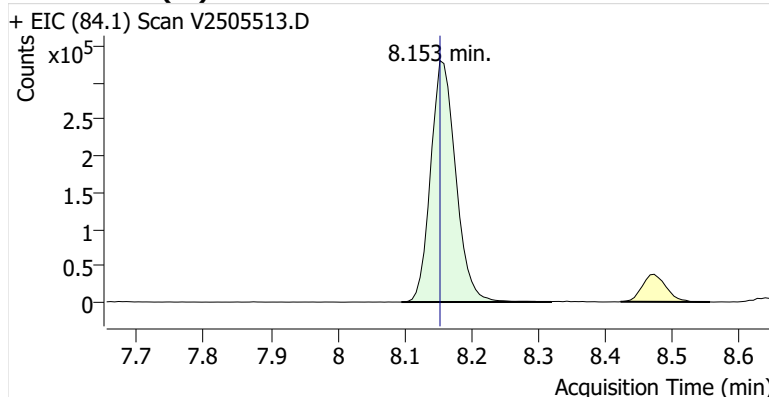
Name IRVSEA-1-S-20250821
Comment C70169
Data File V2505513.D
Acq. Date-Time 9/15/2025 7:13:23 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

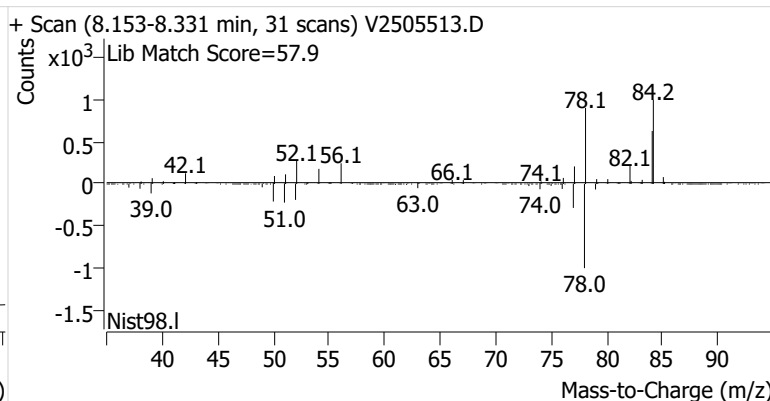
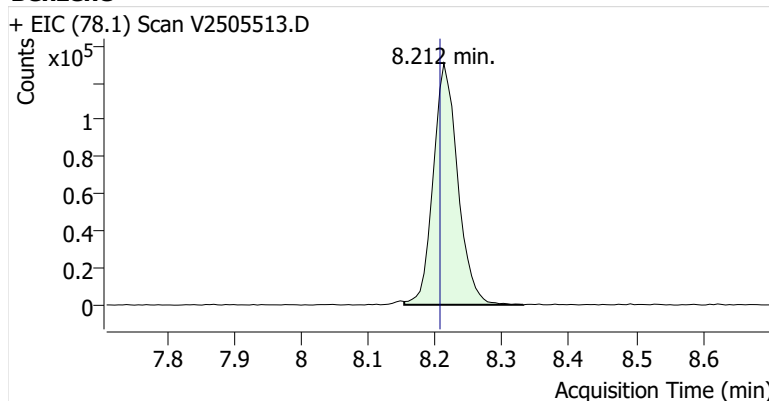


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.153	8.153	862,294	
Benzene	Benzene-d6 (IS)	8.212	8.207	331,597	
Toluene-d8 (IS)		10.788	10.783	876,199	
Toluene	Toluene-d8 (IS)	10.883	10.878	1,186,767	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	199,257	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	562,984	
o-Xylene	Toluene-d8 (IS)	13.709	13.703	226,010	

Benzene-d6 (IS)

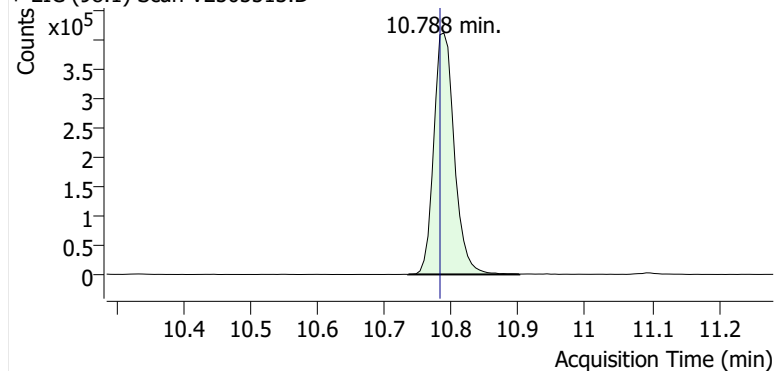


Benzene

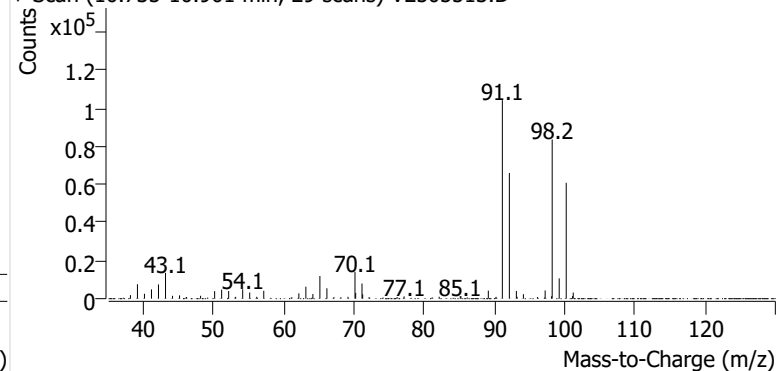


Toluene-d8 (IS)

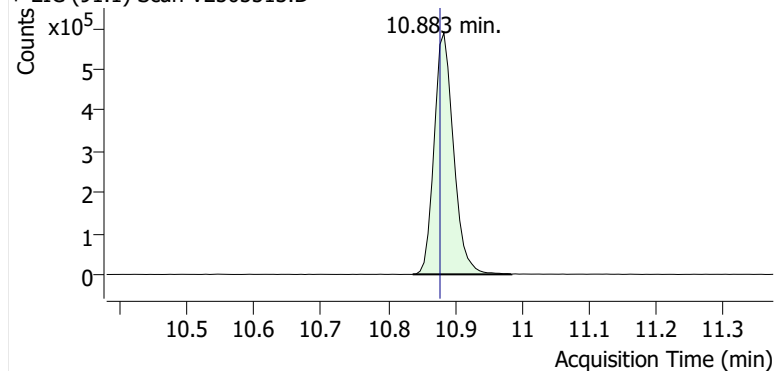
+ EIC (98.1) Scan V2505513.D



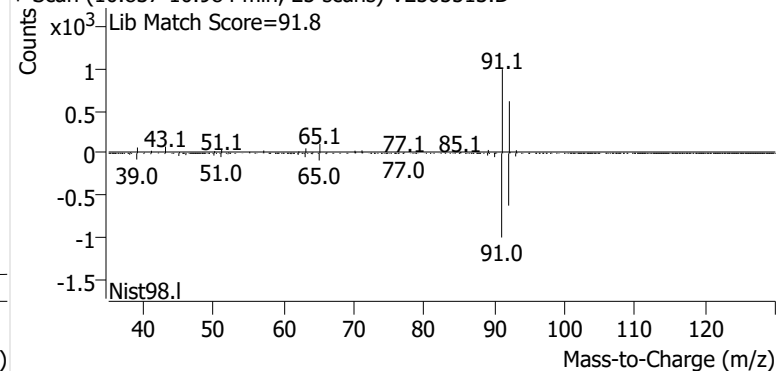
+ Scan (10.735-10.901 min, 29 scans) V2505513.D

**Toluene**

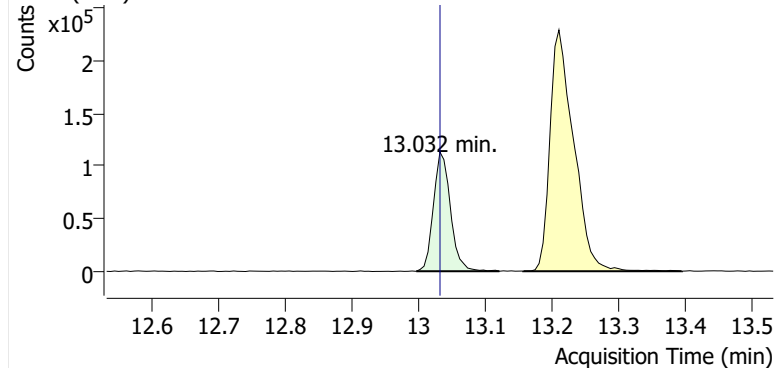
+ EIC (91.1) Scan V2505513.D



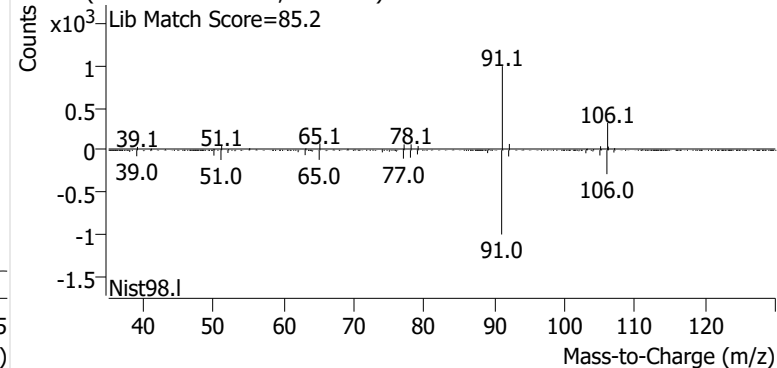
+ Scan (10.837-10.984 min, 25 scans) V2505513.D

**Ethylbenzene**

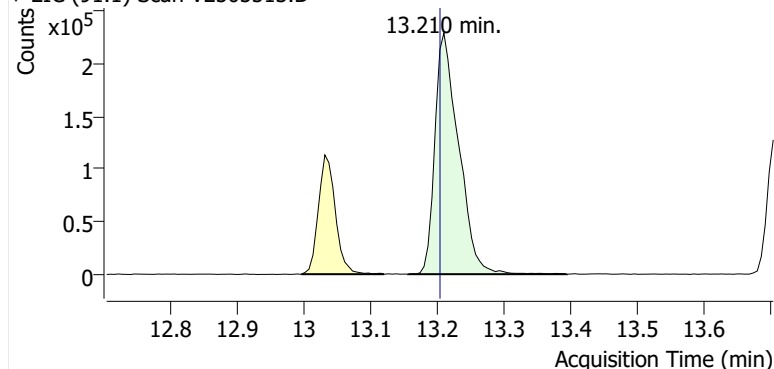
+ EIC (91.1) Scan V2505513.D



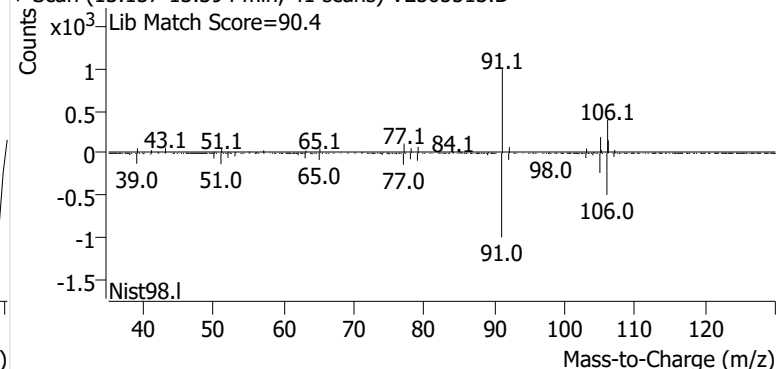
+ Scan (12.997-13.121 min, 20 scans) V2505513.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505513.D

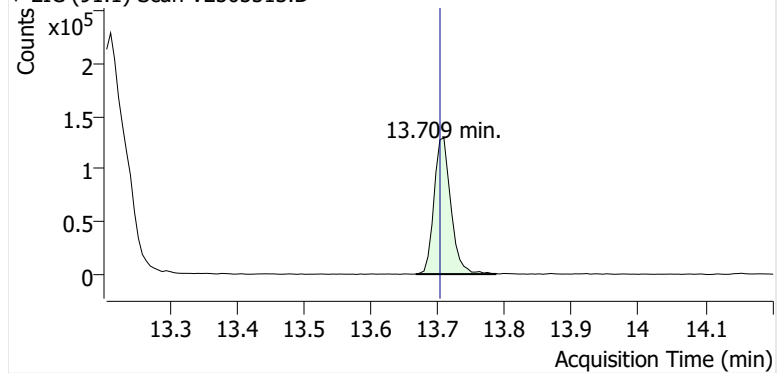


+ Scan (13.157-13.394 min, 41 scans) V2505513.D

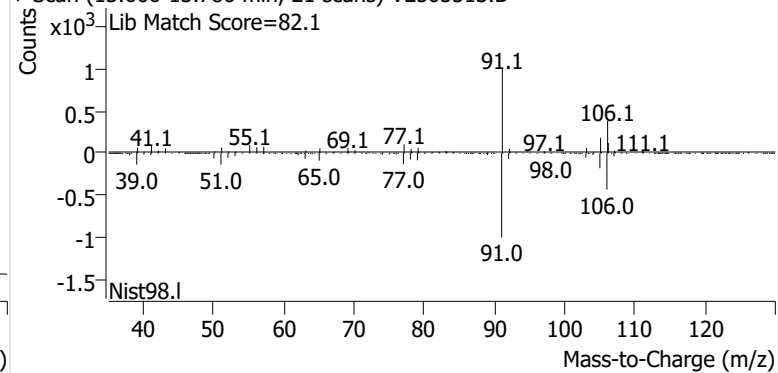


o-Xylene

+ EIC (91.1) Scan V2505513.D

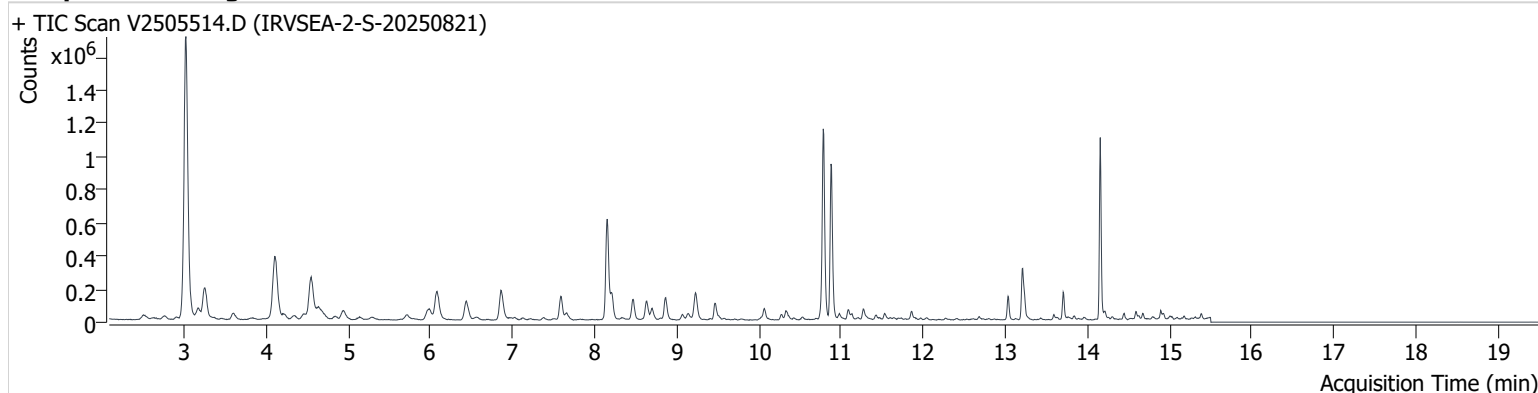


+ Scan (13.666-13.786 min, 21 scans) V2505513.D



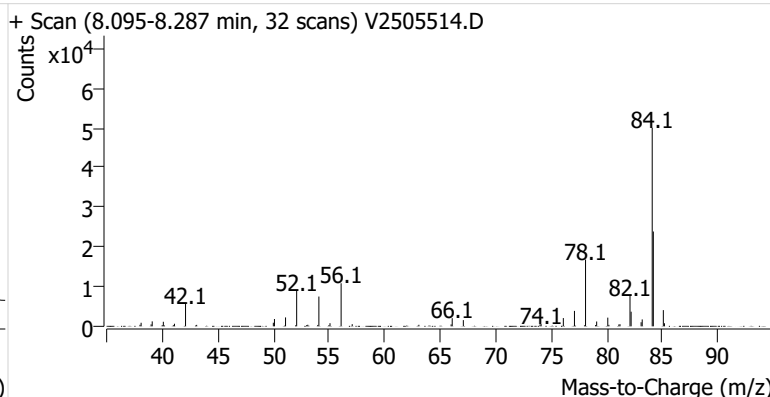
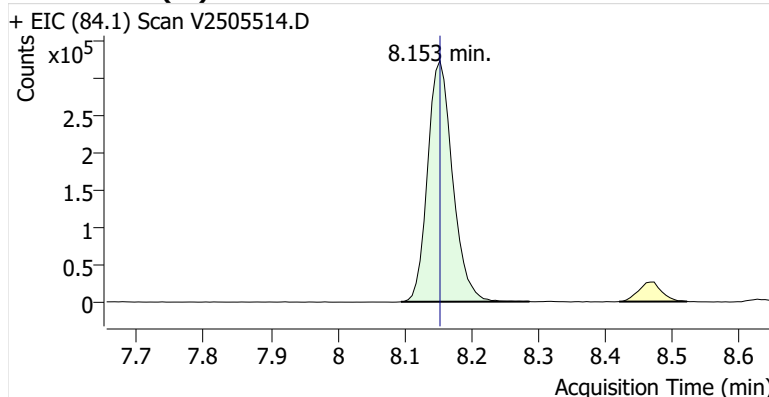
Name IRVSEA-2-S-20250821
Comment B46818
Data File V2505514.D
Acq. Date-Time 9/15/2025 7:54:33 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

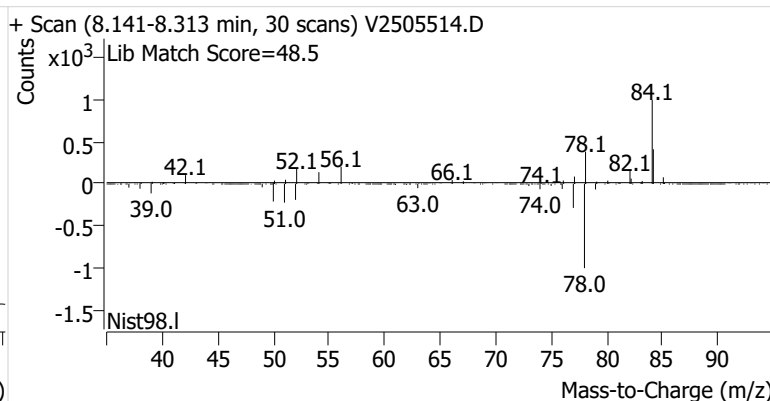
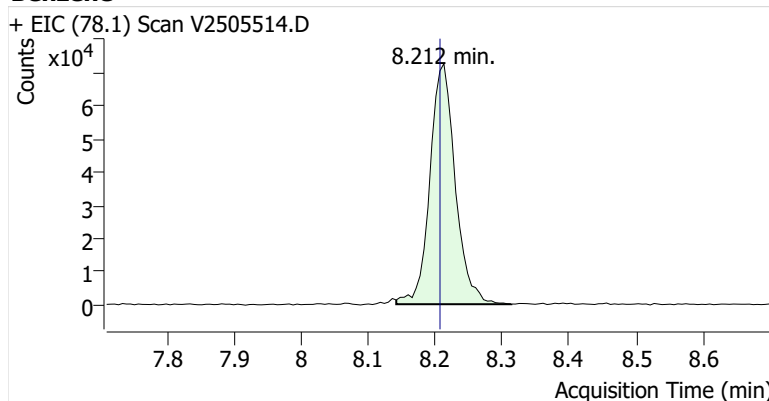


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.153	8.153	834,356	
Benzene	Benzene-d6 (IS)	8.212	8.207	191,119	
Toluene-d8 (IS)		10.782	10.783	922,460	
Toluene	Toluene-d8 (IS)	10.877	10.878	769,746	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	110,169	
m-/p-Xylenes	Toluene-d8 (IS)	13.204	13.204	277,277	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	103,561	

Benzene-d6 (IS)

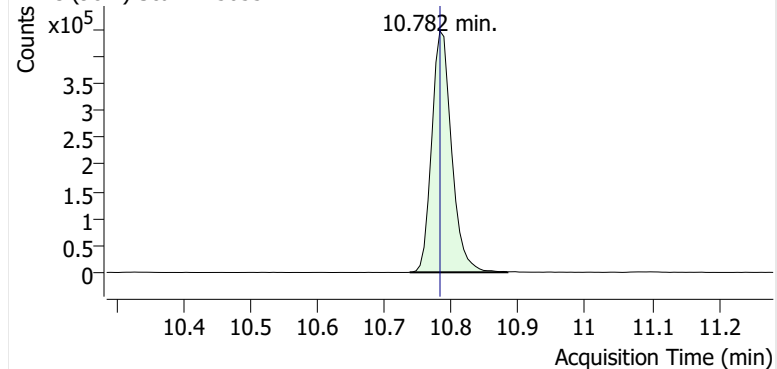


Benzene

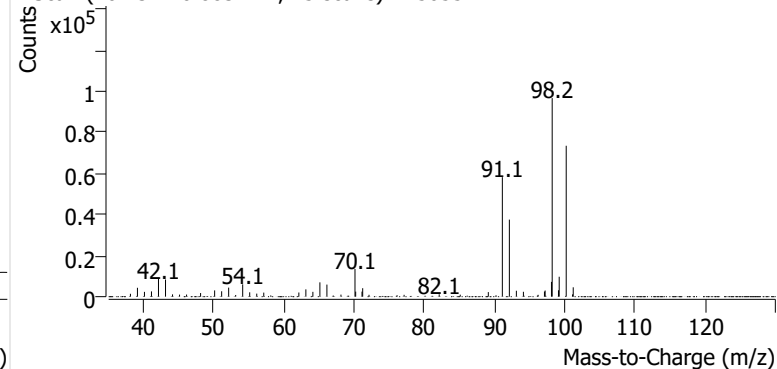


Toluene-d8 (IS)

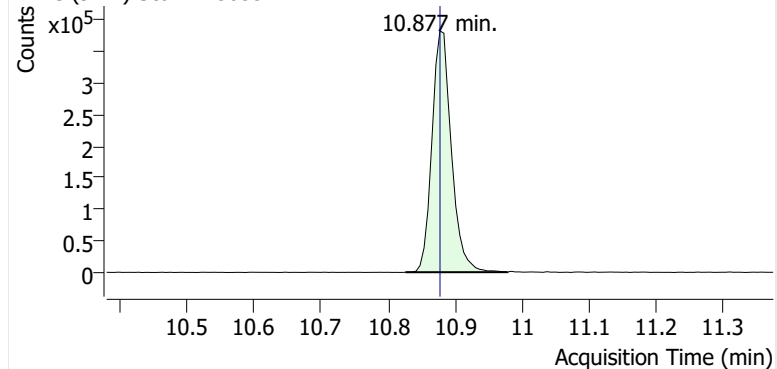
+ EIC (98.1) Scan V2505514.D



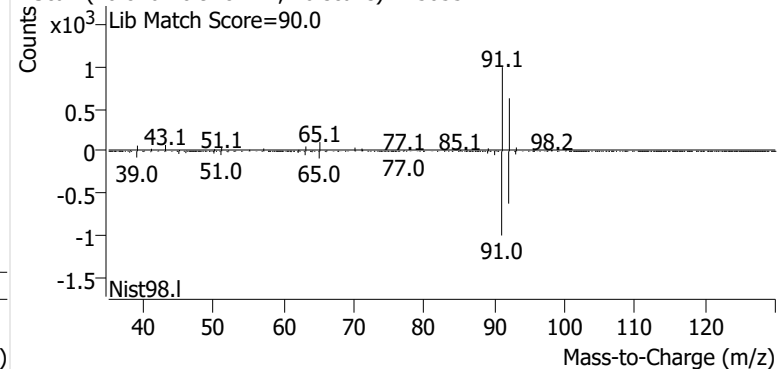
+ Scan (10.737-10.883 min, 25 scans) V2505514.D

**Toluene**

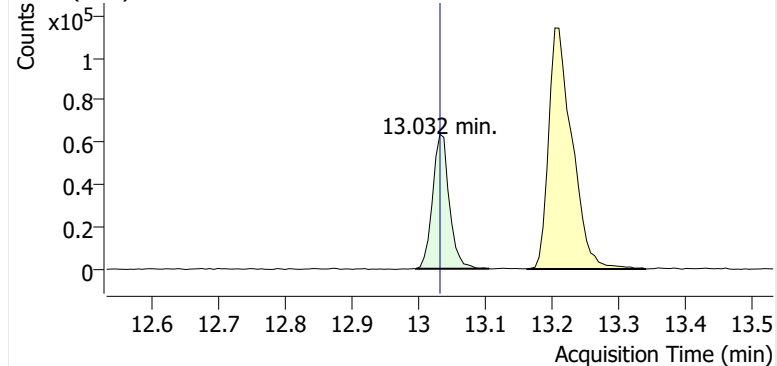
+ EIC (91.1) Scan V2505514.D



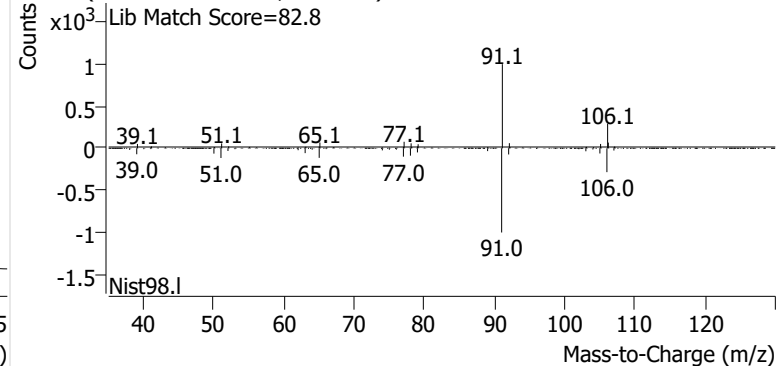
+ Scan (10.826-10.978 min, 26 scans) V2505514.D

**Ethylbenzene**

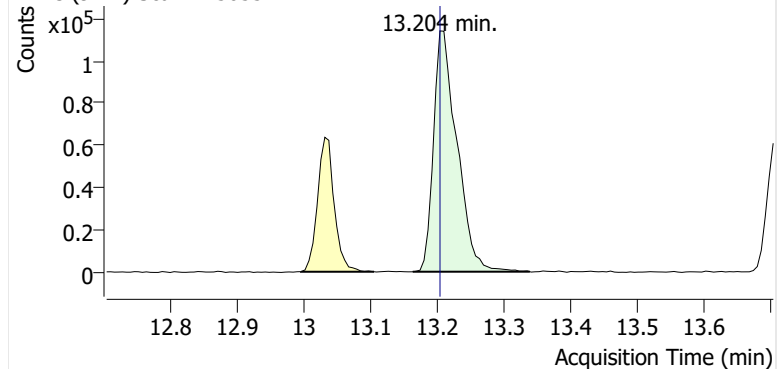
+ EIC (91.1) Scan V2505514.D



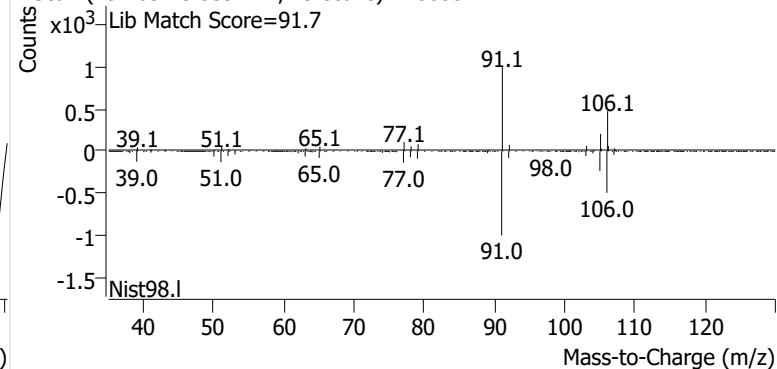
+ Scan (12.996-13.106 min, 19 scans) V2505514.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505514.D

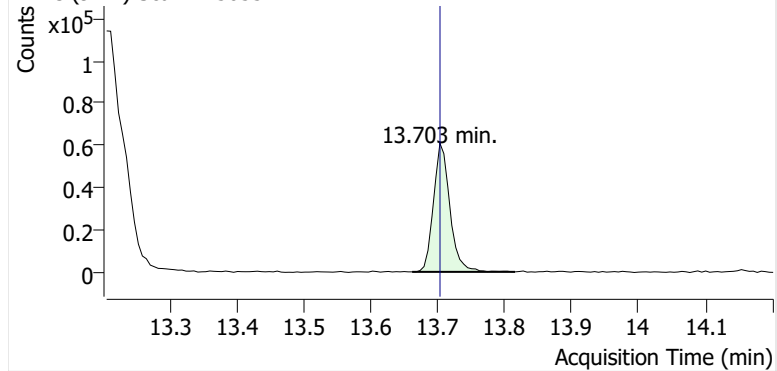


+ Scan (13.163-13.339 min, 29 scans) V2505514.D

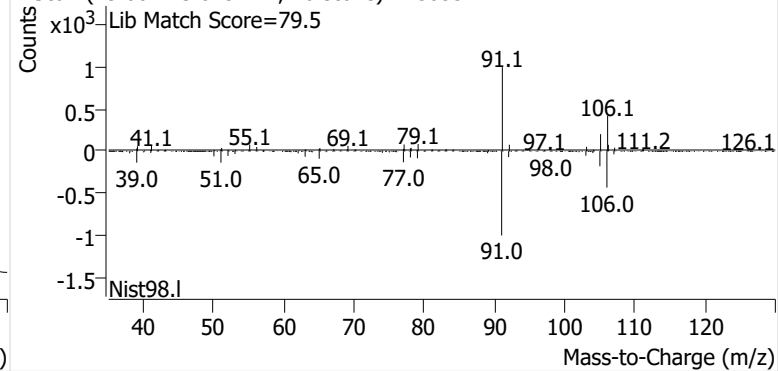


o-Xylene

+ EIC (91.1) Scan V2505514.D

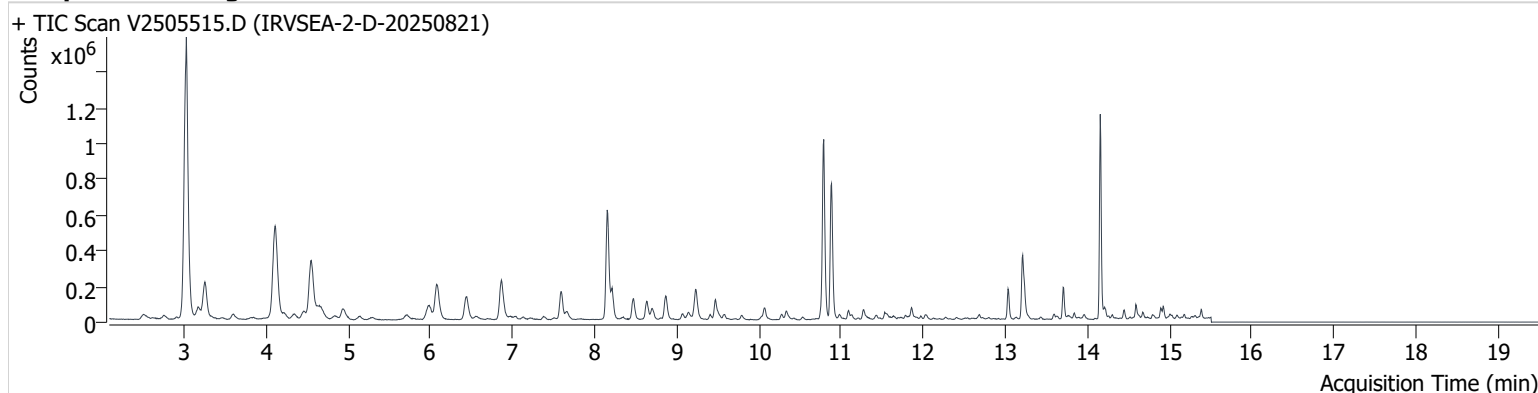


+ Scan (13.661-13.815 min, 26 scans) V2505514.D



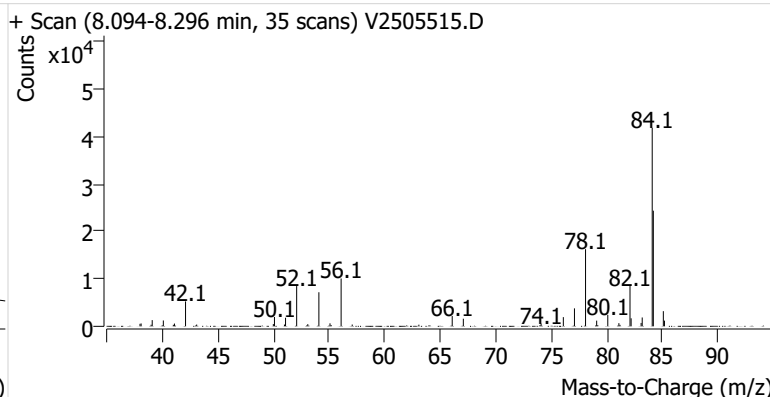
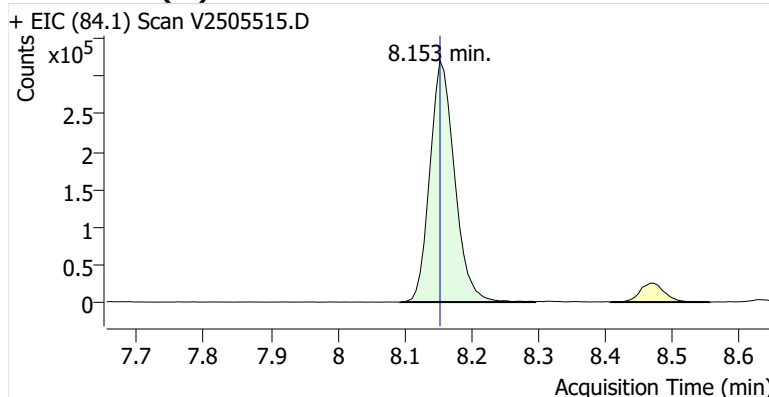
Name IRVSEA-2-D-20250821
Comment B50948
Data File V2505515.D
Acq. Date-Time 9/15/2025 8:35:47 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

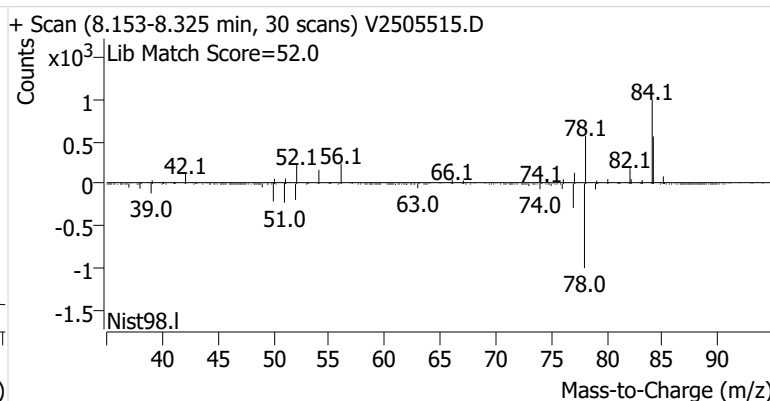
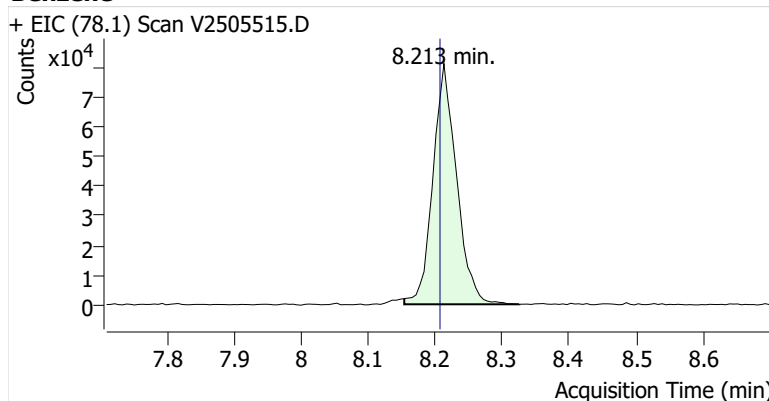


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.153	8.153	825,203	
Benzene	Benzene-d6 (IS)	8.213	8.207	199,309	
Toluene-d8 (IS)		10.788	10.783	812,300	
Toluene	Toluene-d8 (IS)	10.877	10.878	652,320	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	132,667	
m-/p-Xylenes	Toluene-d8 (IS)	13.204	13.204	322,065	
o-Xylene	Toluene-d8 (IS)	13.709	13.703	109,869	

Benzene-d6 (IS)

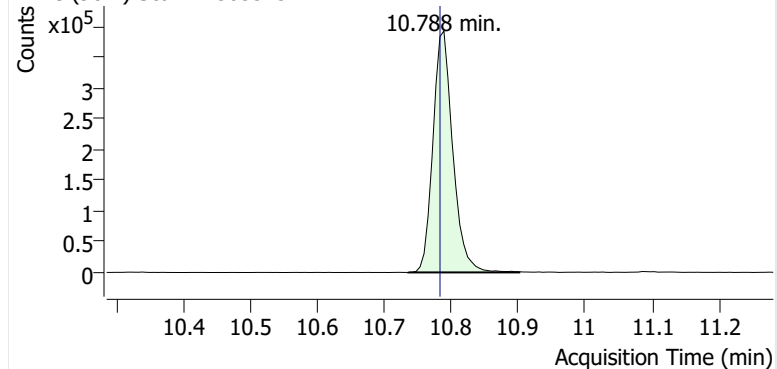


Benzene

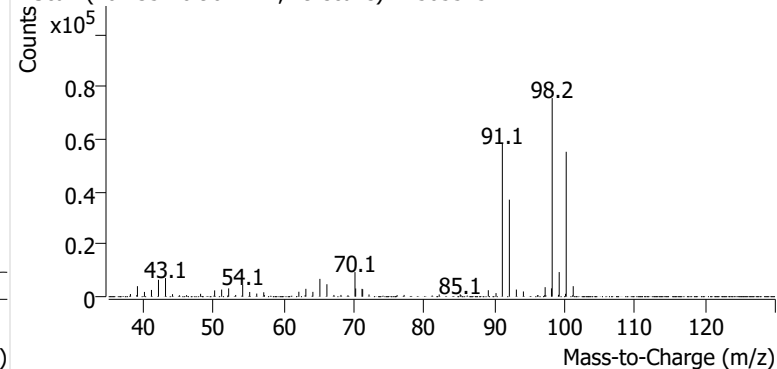


Toluene-d8 (IS)

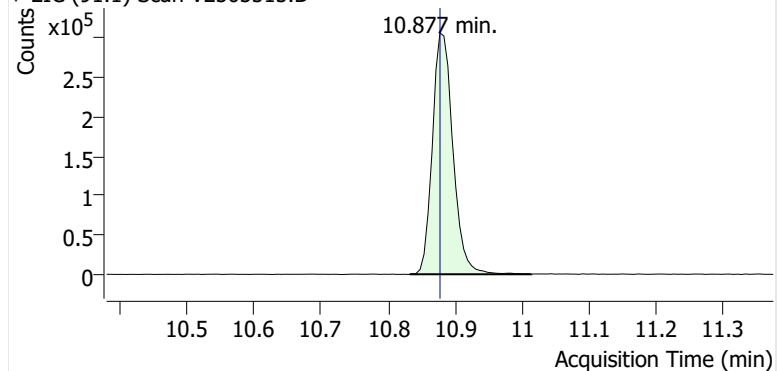
+ EIC (98.1) Scan V2505515.D



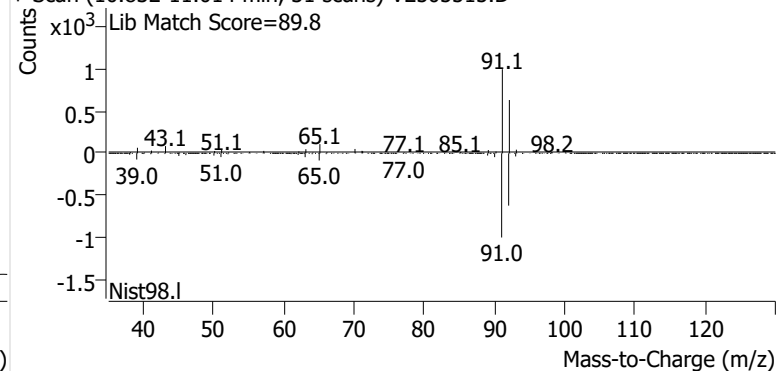
+ Scan (10.735-10.901 min, 29 scans) V2505515.D

**Toluene**

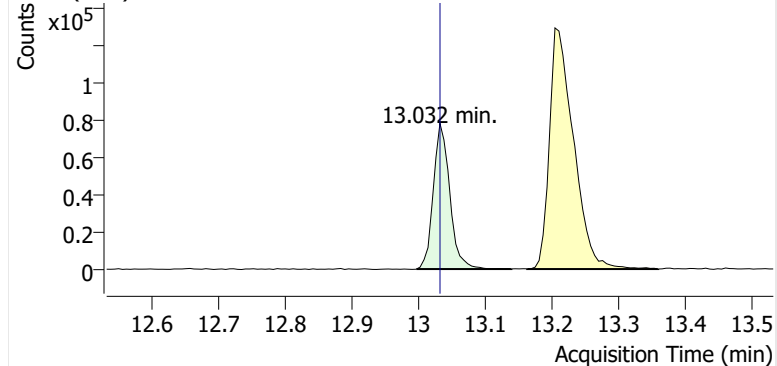
+ EIC (91.1) Scan V2505515.D



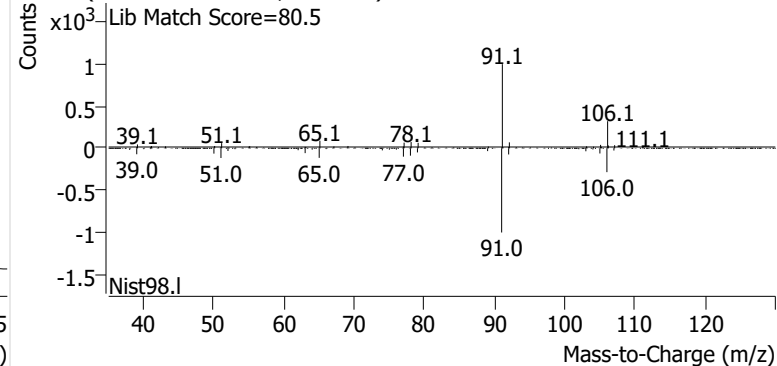
+ Scan (10.832-11.014 min, 31 scans) V2505515.D

**Ethylbenzene**

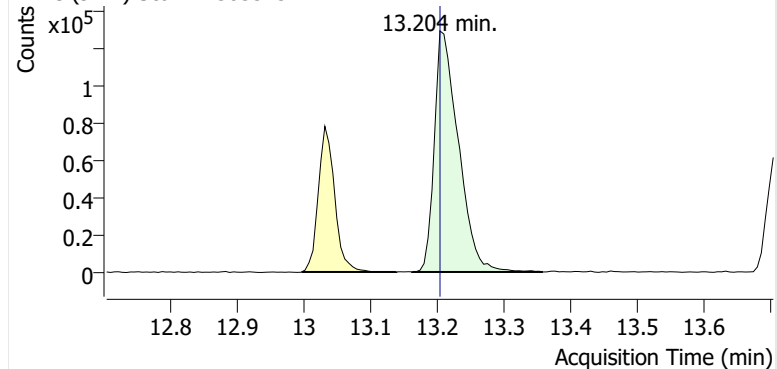
+ EIC (91.1) Scan V2505515.D



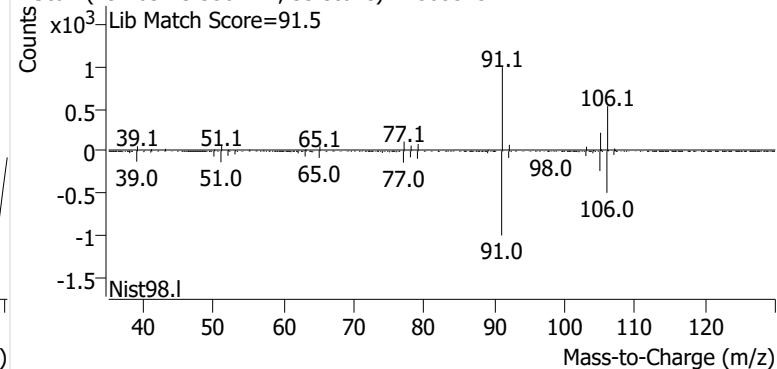
+ Scan (12.997-13.139 min, 24 scans) V2505515.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505515.D

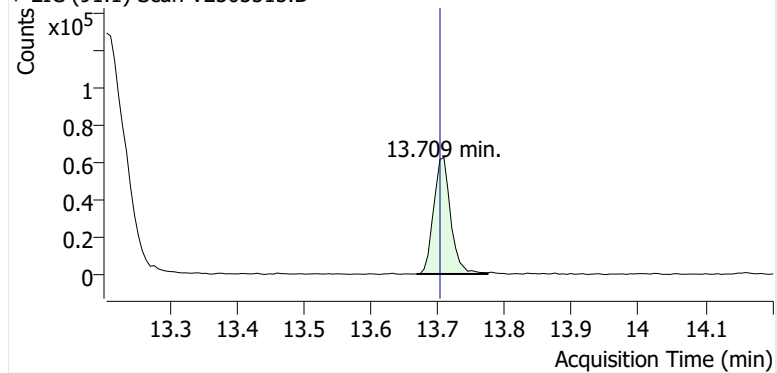


+ Scan (13.163-13.358 min, 33 scans) V2505515.D

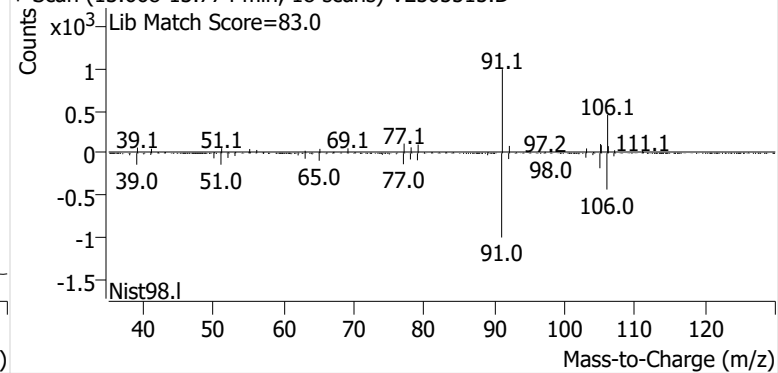


o-Xylene

+ EIC (91.1) Scan V2505515.D

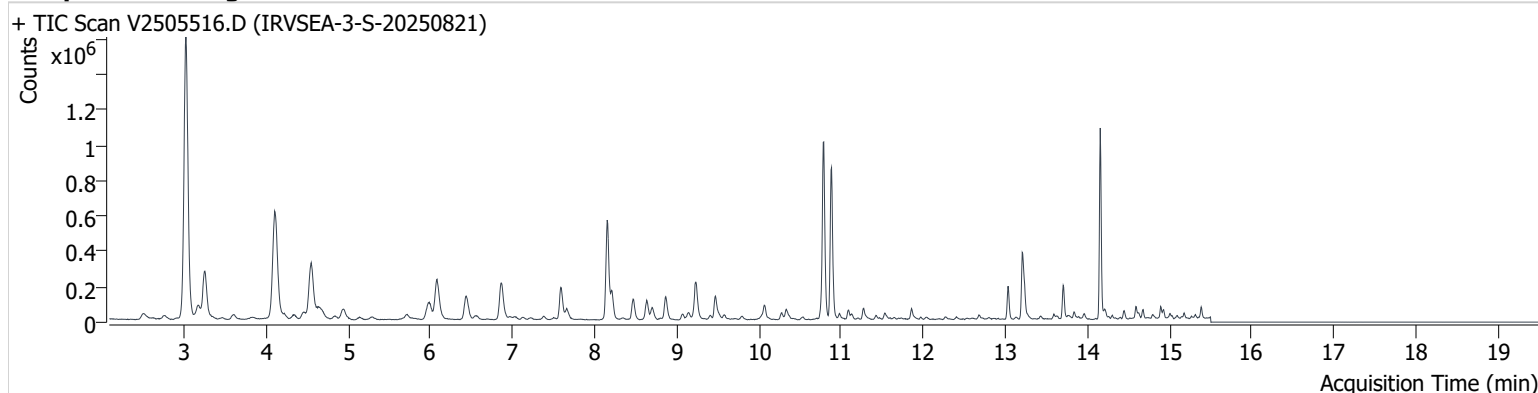


+ Scan (13.668-13.774 min, 18 scans) V2505515.D



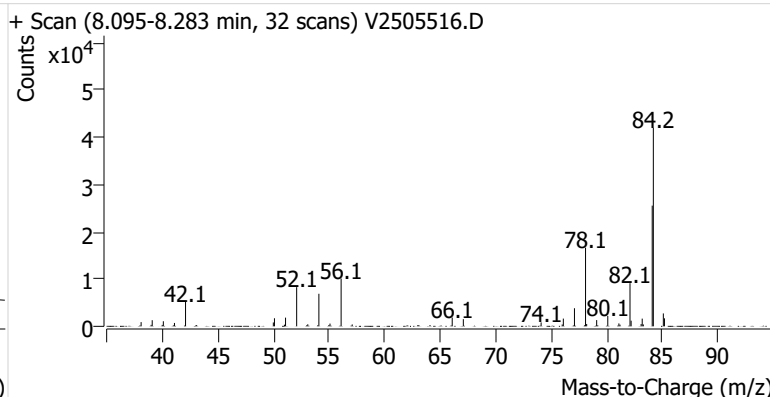
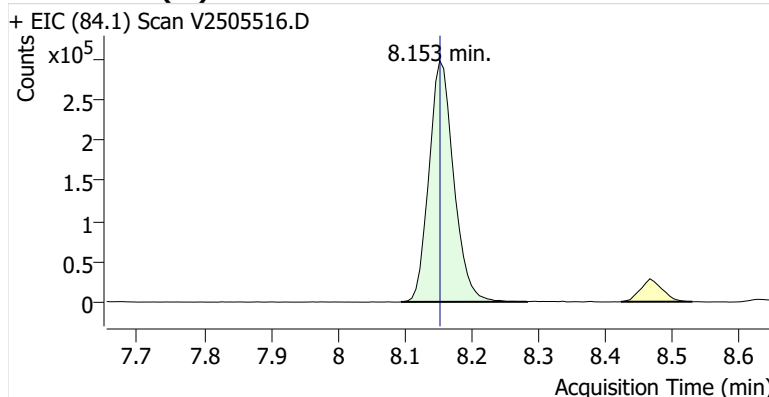
Name IRVSEA-3-S-20250821
Comment C33515
Data File V2505516.D
Acq. Date-Time 9/15/2025 9:16:58 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

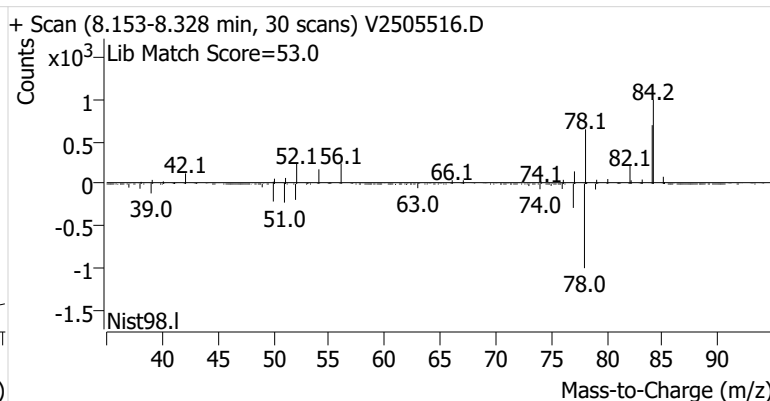
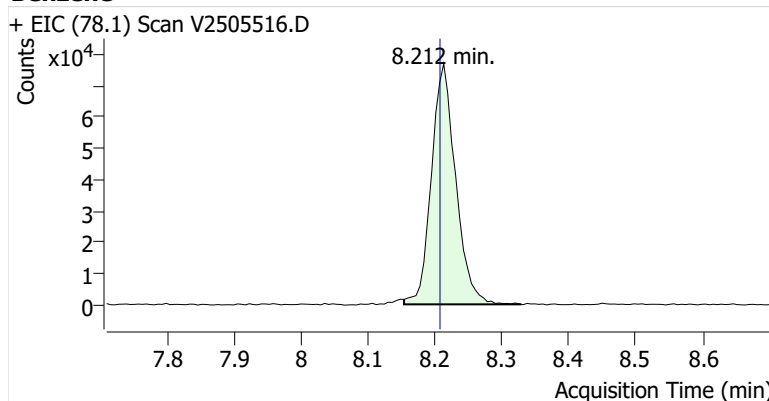


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.153	8.153	764,886	
Benzene	Benzene-d6 (IS)	8.212	8.207	193,709	
Toluene-d8 (IS)		10.788	10.783	811,199	
Toluene	Toluene-d8 (IS)	10.877	10.878	728,554	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	142,252	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	347,642	
o-Xylene	Toluene-d8 (IS)	13.702	13.703	123,226	

Benzene-d6 (IS)

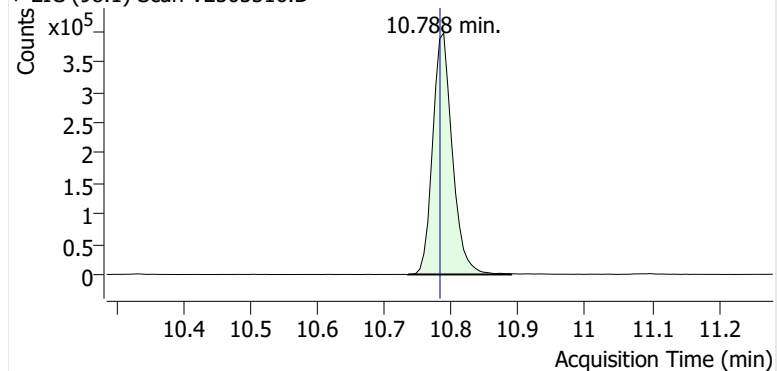


Benzene

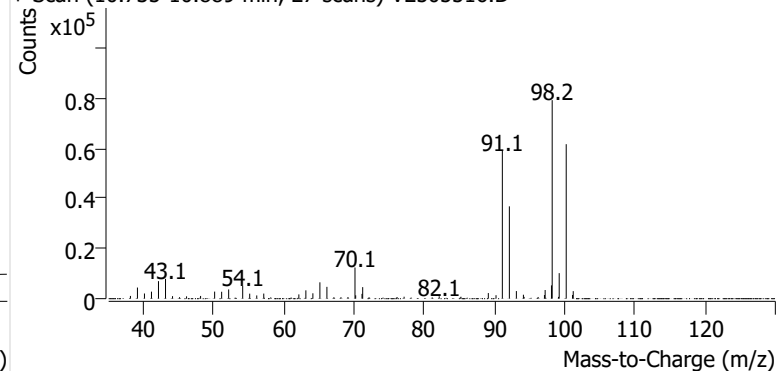


Toluene-d8 (IS)

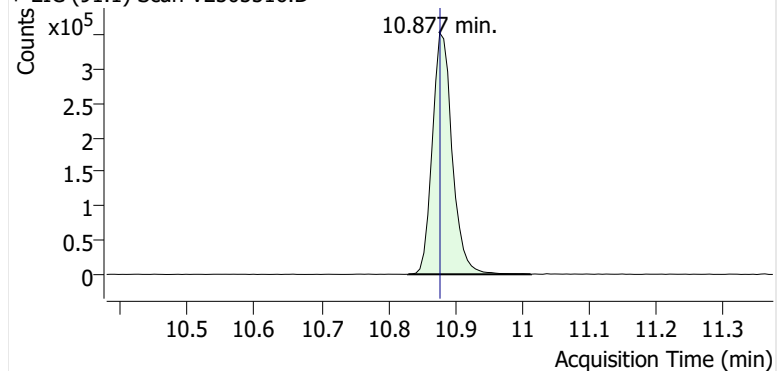
+ EIC (98.1) Scan V2505516.D



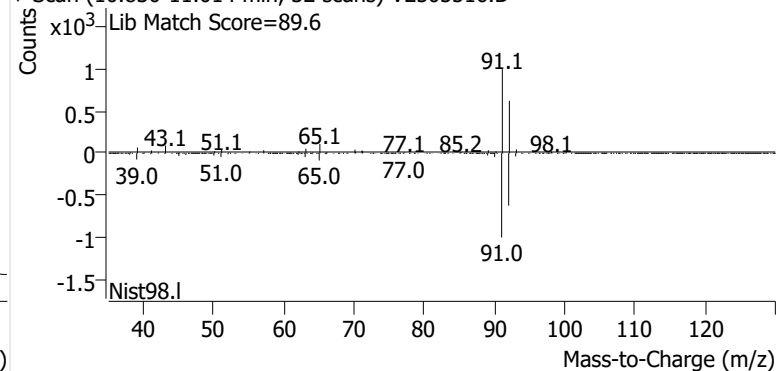
+ Scan (10.735-10.889 min, 27 scans) V2505516.D

**Toluene**

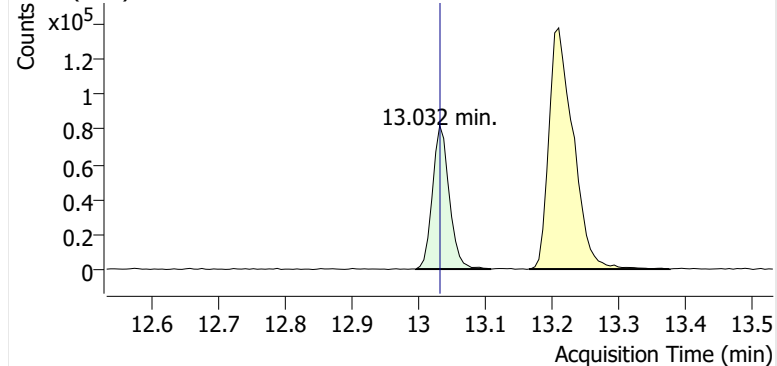
+ EIC (91.1) Scan V2505516.D



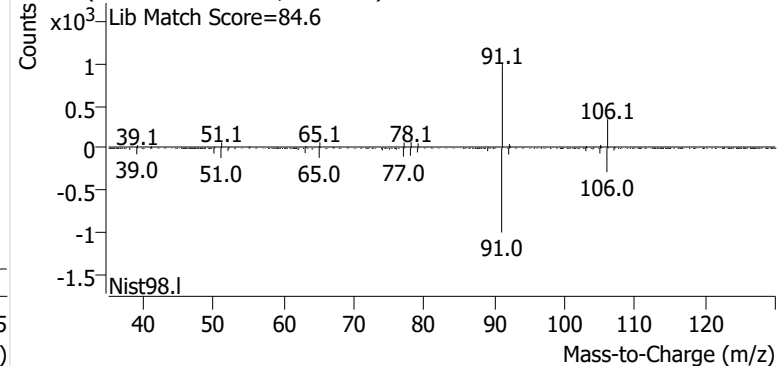
+ Scan (10.830-11.014 min, 32 scans) V2505516.D

**Ethylbenzene**

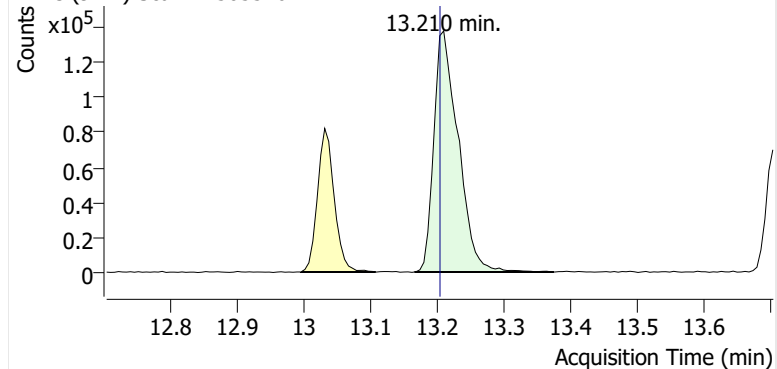
+ EIC (91.1) Scan V2505516.D



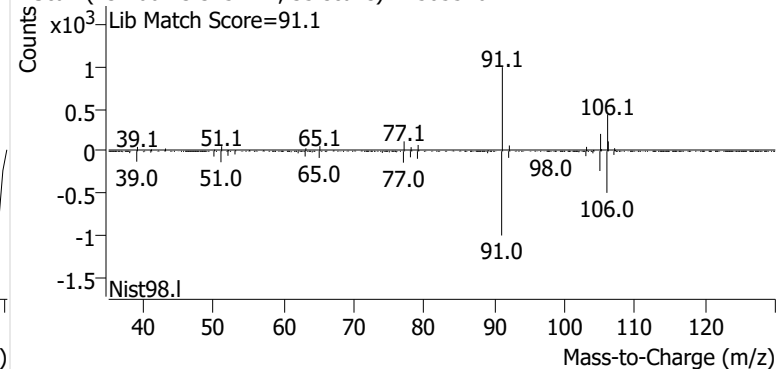
+ Scan (12.996-13.109 min, 19 scans) V2505516.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505516.D

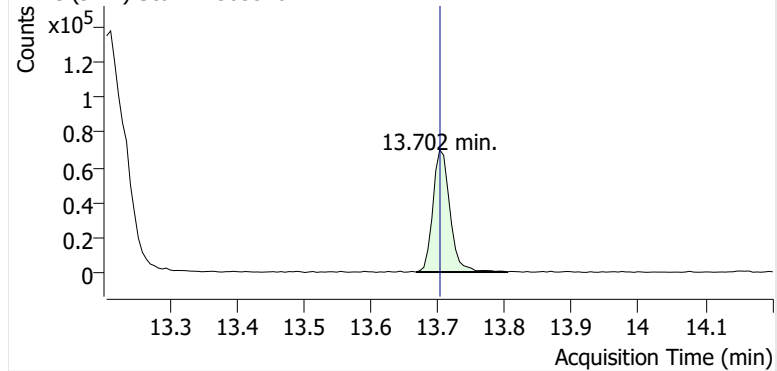


+ Scan (13.166-13.375 min, 35 scans) V2505516.D

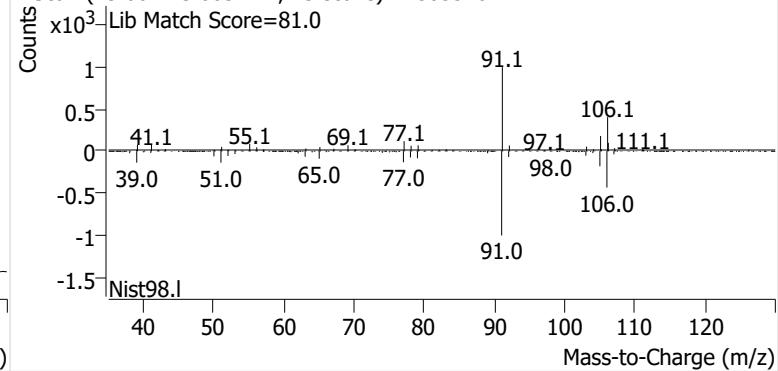


o-Xylene

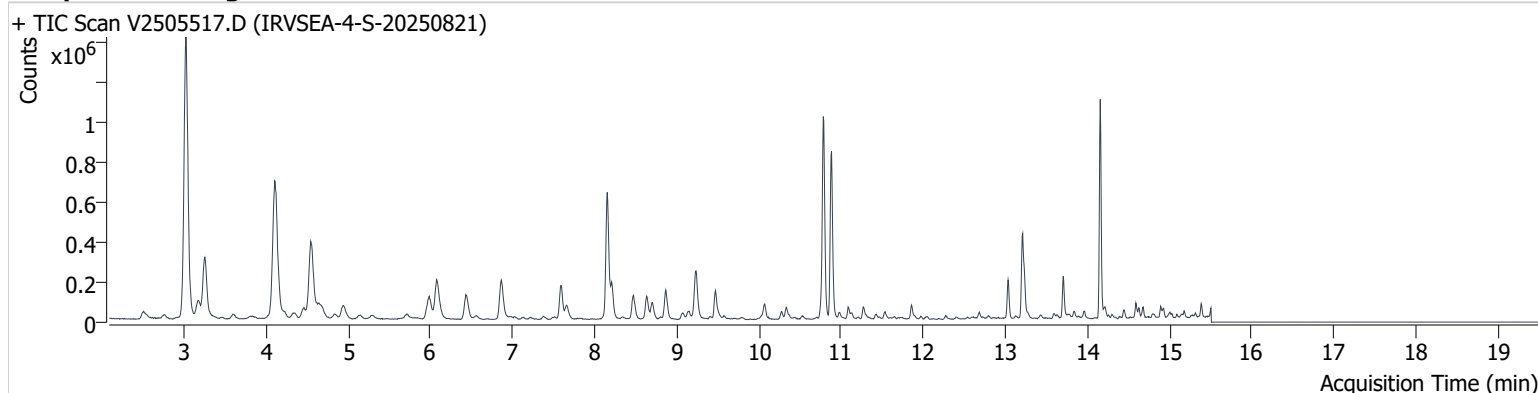
+ EIC (91.1) Scan V2505516.D



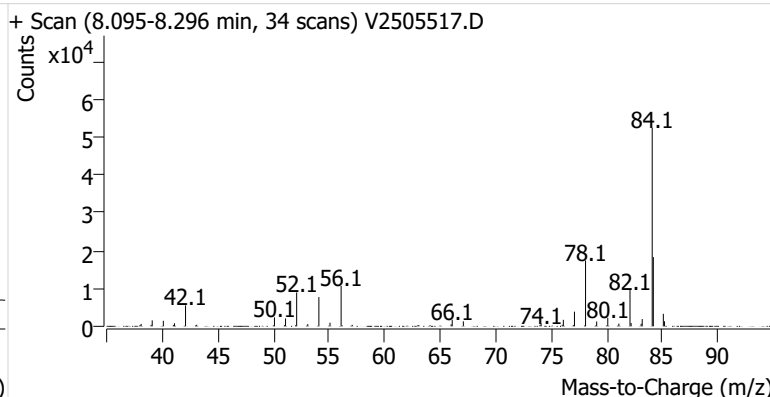
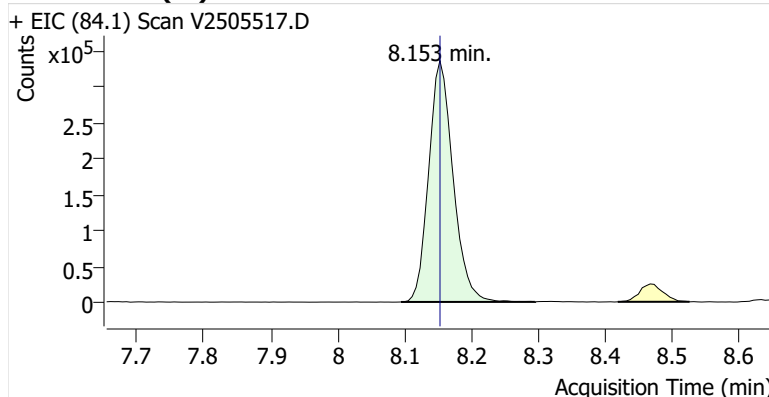
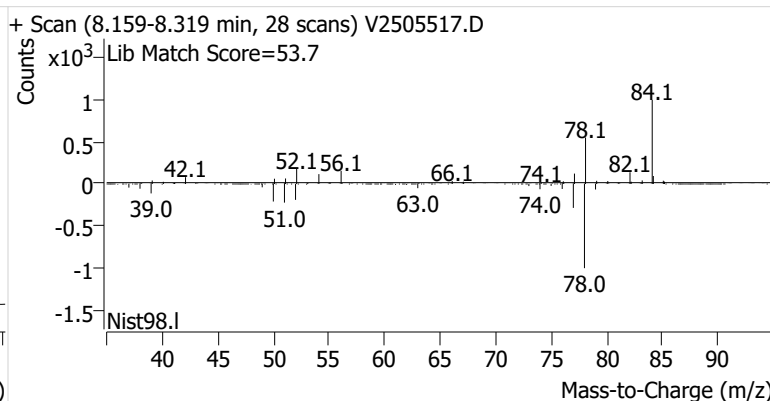
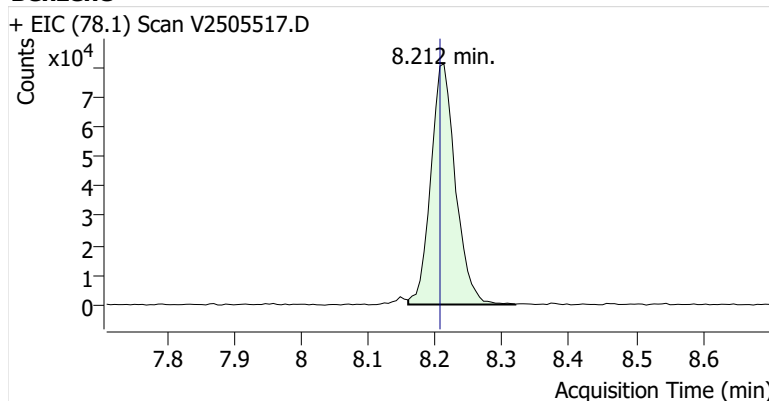
+ Scan (13.667-13.803 min, 23 scans) V2505516.D



Name IRVSEA-4-S-20250821
Comment C43280
Data File V2505517.D
Acq. Date-Time 9/15/2025 9:58:28 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

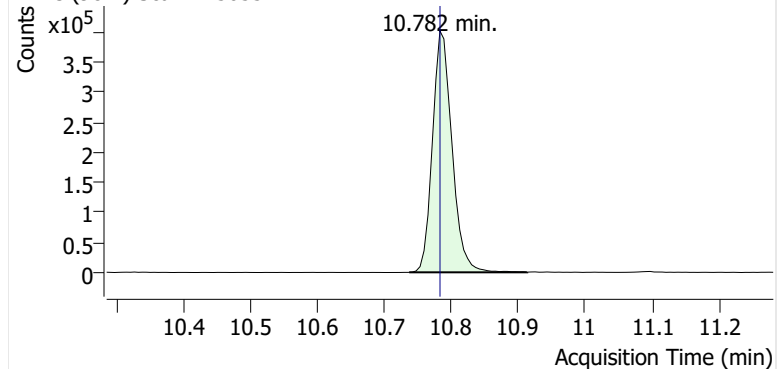
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.153	8.153	853,530	
Benzene	Benzene-d6 (IS)	8.212	8.207	207,624	
Toluene-d8 (IS)		10.782	10.783	813,811	
Toluene	Toluene-d8 (IS)	10.877	10.878	692,221	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	149,374	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	384,113	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	128,928	

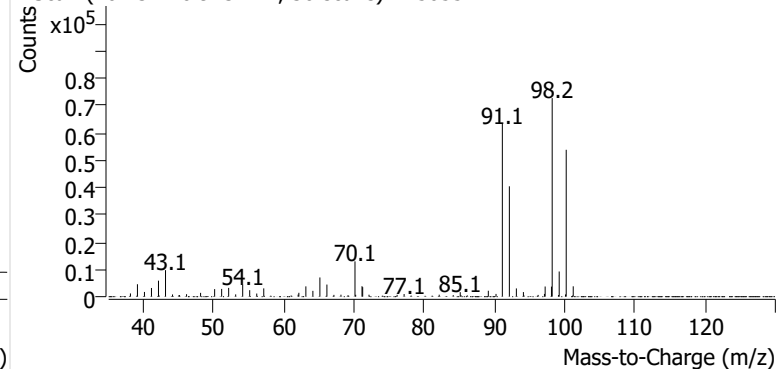
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

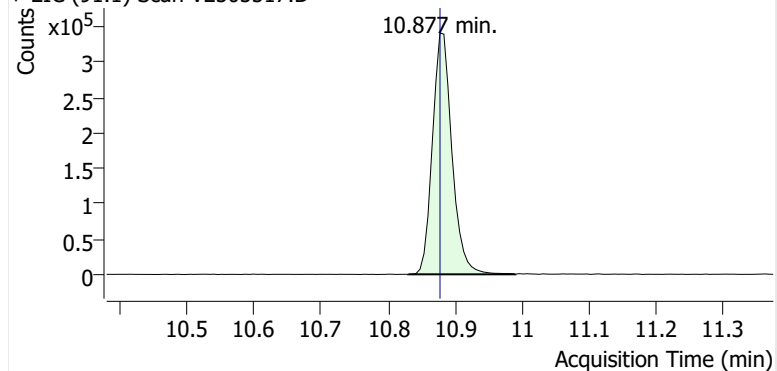
+ EIC (98.1) Scan V2505517.D



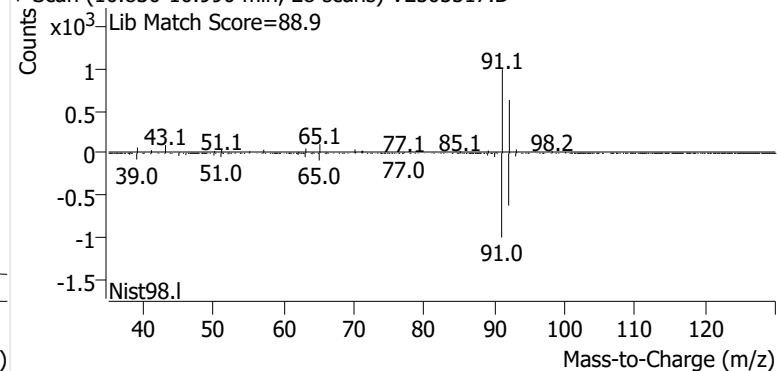
+ Scan (10.737-10.913 min, 30 scans) V2505517.D

**Toluene**

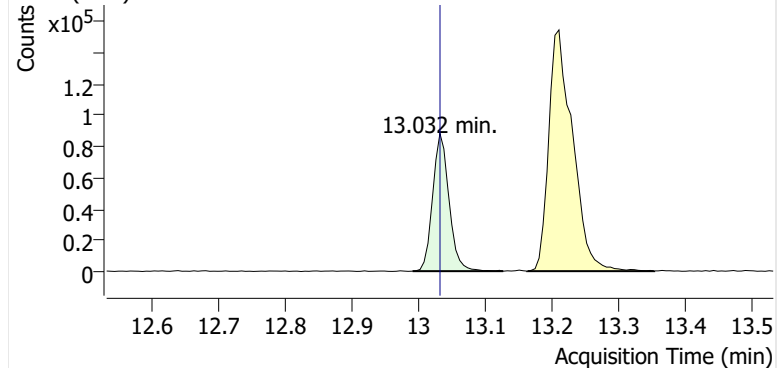
+ EIC (91.1) Scan V2505517.D



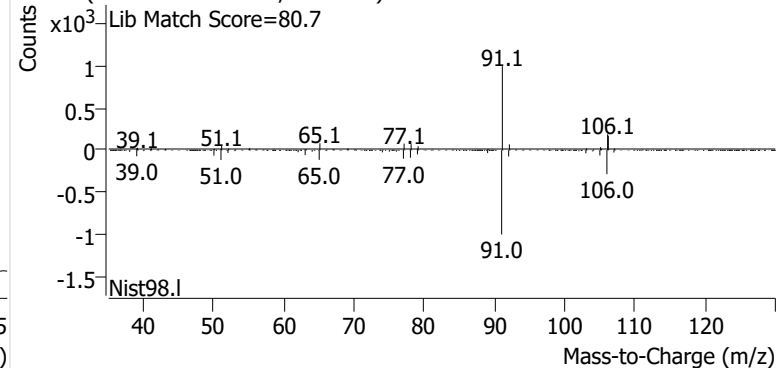
+ Scan (10.830-10.990 min, 28 scans) V2505517.D

**Ethylbenzene**

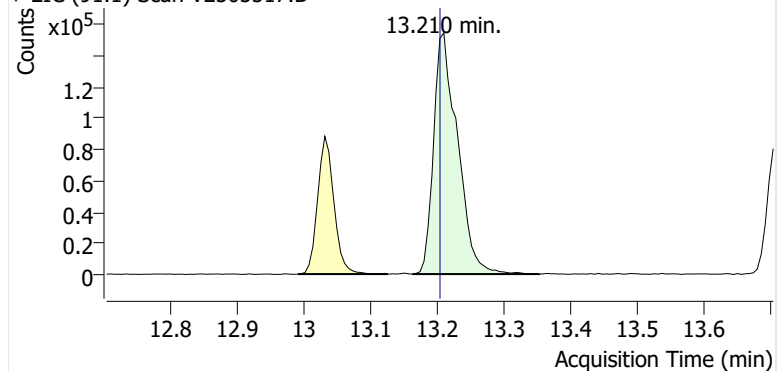
+ EIC (91.1) Scan V2505517.D



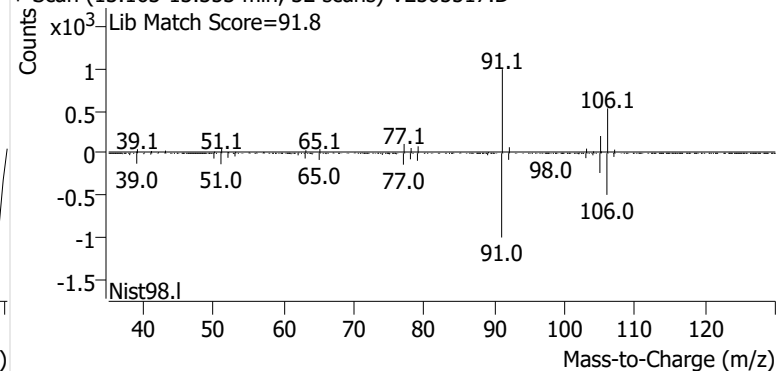
+ Scan (12.991-13.127 min, 22 scans) V2505517.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505517.D

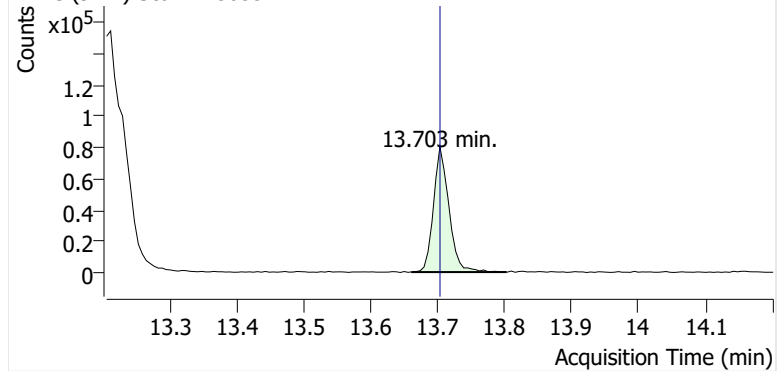


+ Scan (13.163-13.353 min, 32 scans) V2505517.D

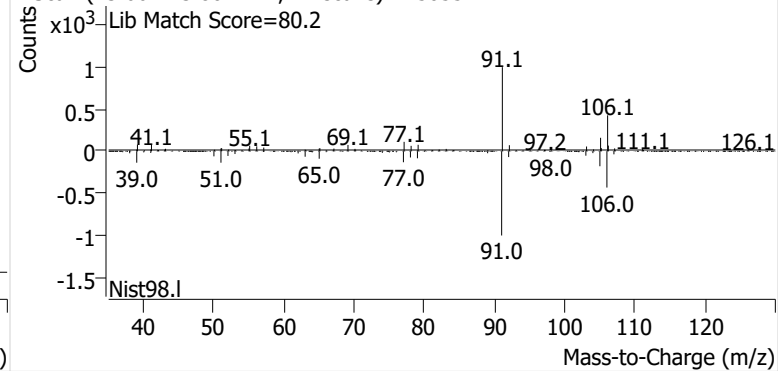


o-Xylene

+ EIC (91.1) Scan V2505517.D

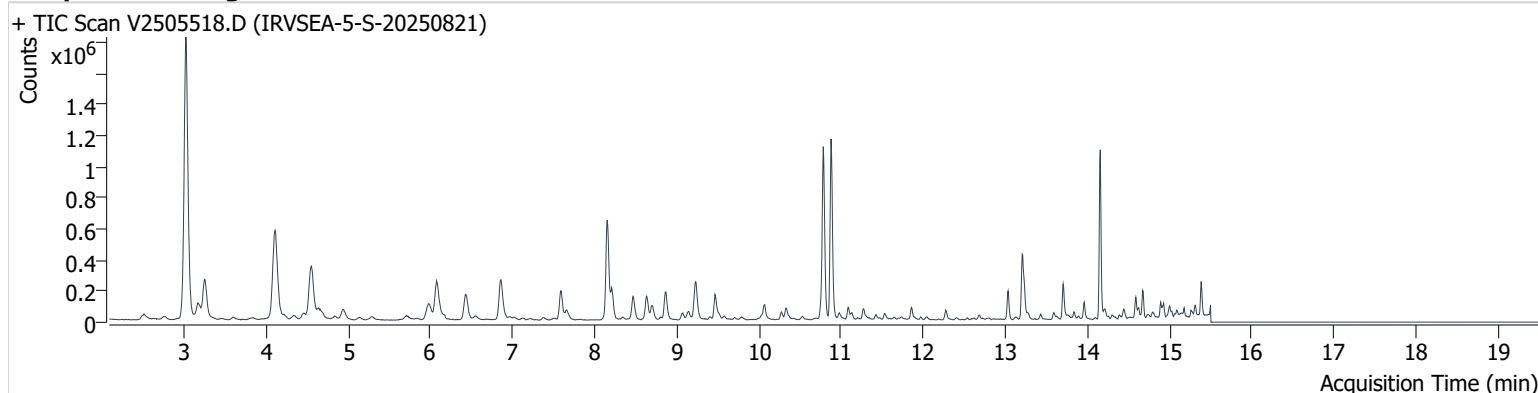


+ Scan (13.661-13.802 min, 24 scans) V2505517.D



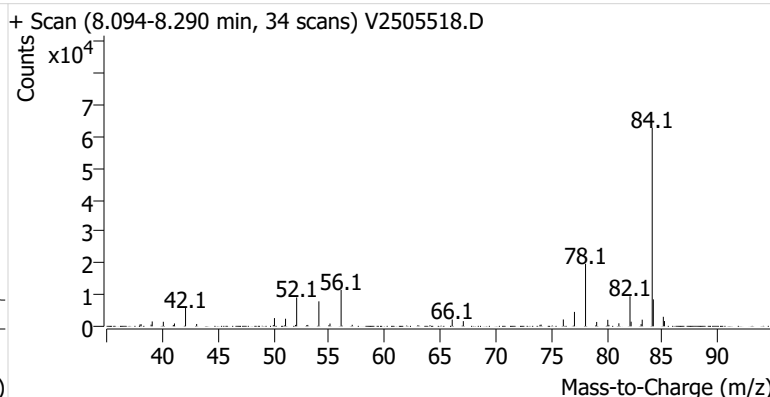
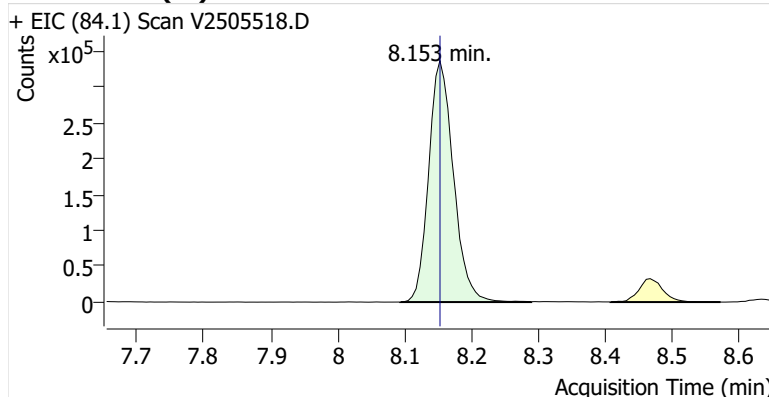
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Comment C43376
Data File V2505518.D
Acq. Date-Time 9/15/2025 10:39:39 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

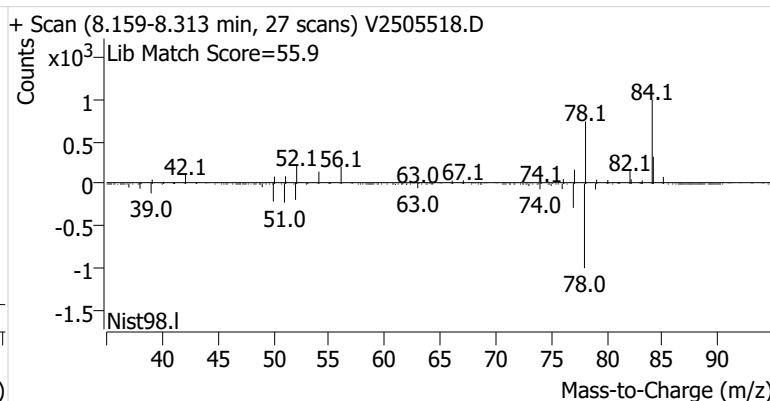
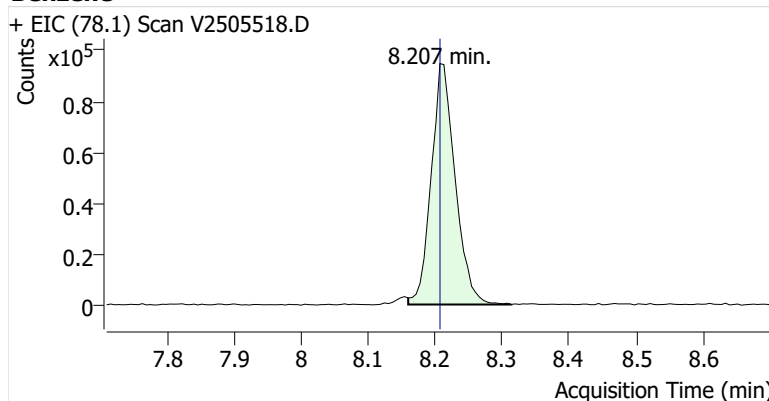


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.153	8.153	864,070	
Benzene	Benzene-d6 (IS)	8.207	8.207	235,912	
Toluene-d8 (IS)		10.783	10.783	880,924	
Toluene	Toluene-d8 (IS)	10.877	10.878	924,501	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	139,760	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	388,663	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	136,430	

Benzene-d6 (IS)

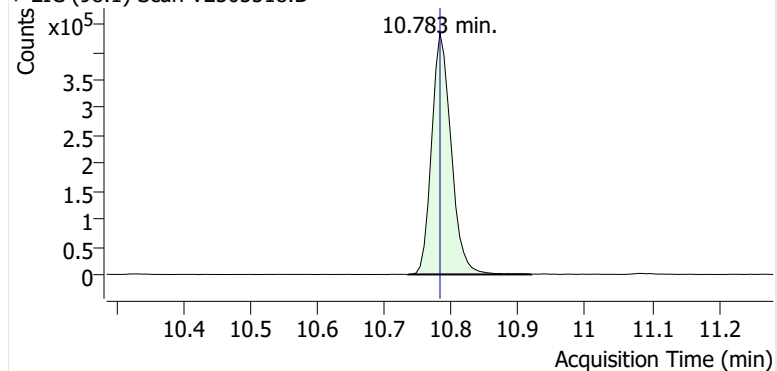


Benzene

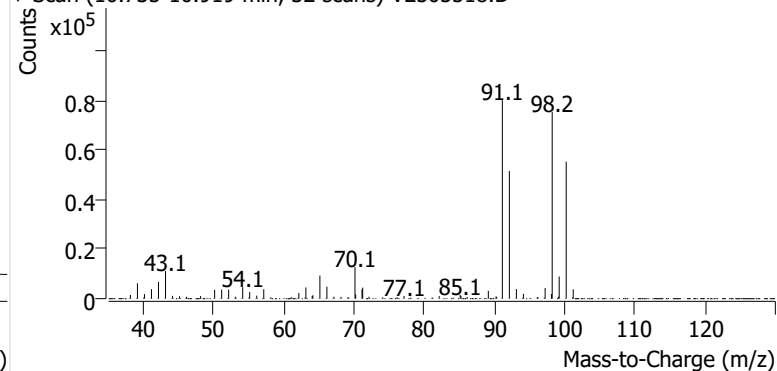


Toluene-d8 (IS)

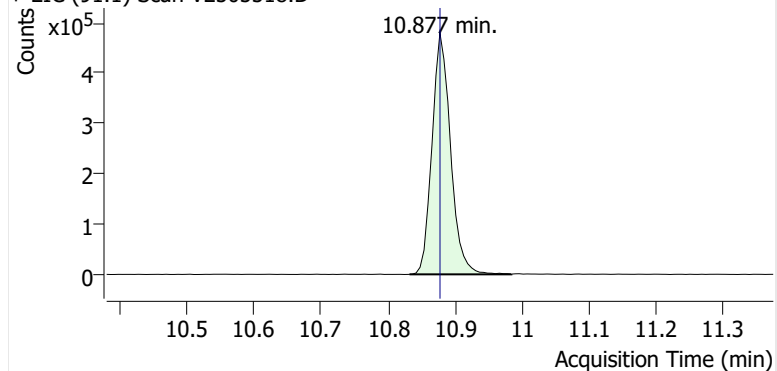
+ EIC (98.1) Scan V2505518.D



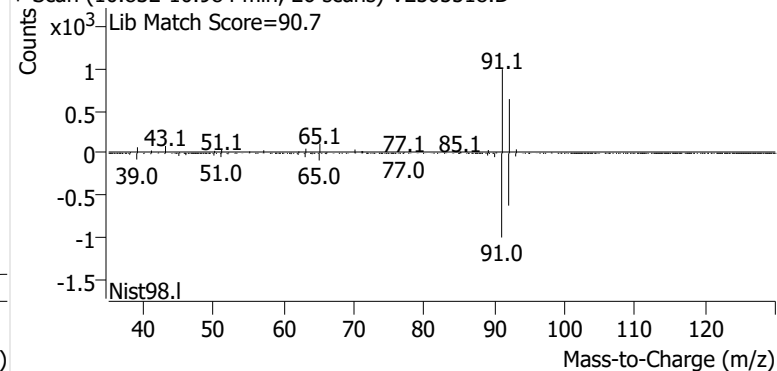
+ Scan (10.735-10.919 min, 32 scans) V2505518.D

**Toluene**

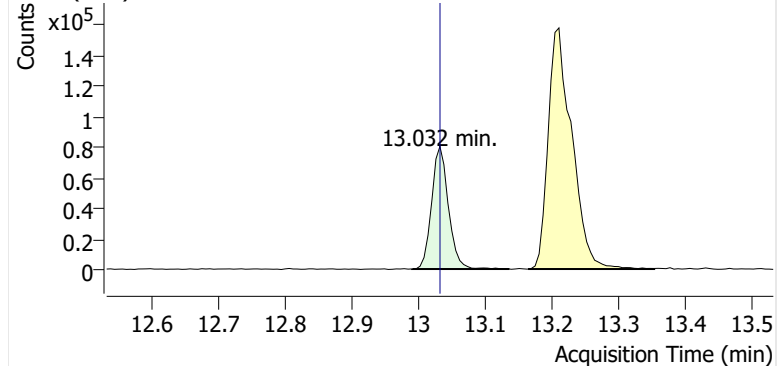
+ EIC (91.1) Scan V2505518.D



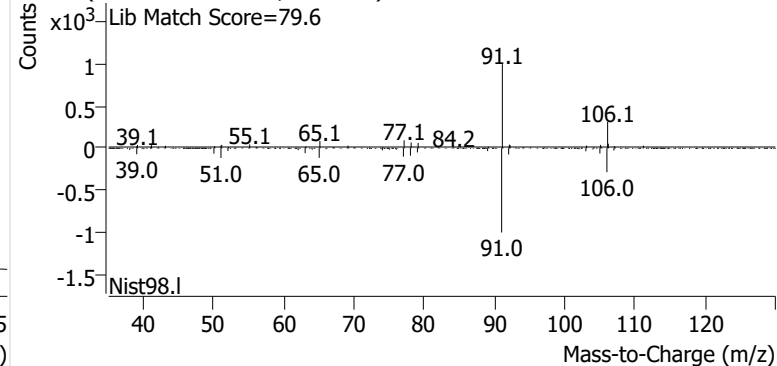
+ Scan (10.832-10.984 min, 26 scans) V2505518.D

**Ethylbenzene**

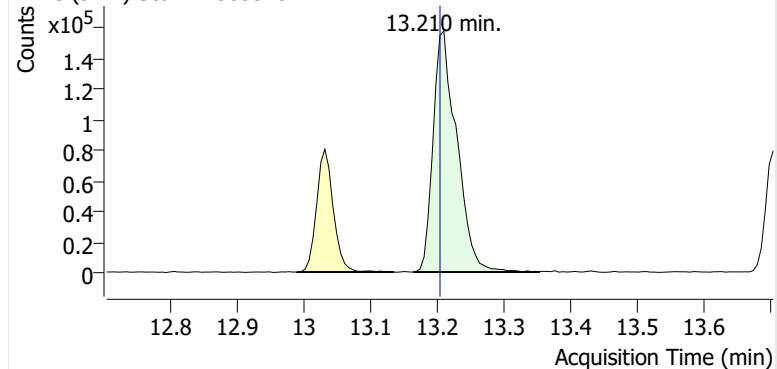
+ EIC (91.1) Scan V2505518.D



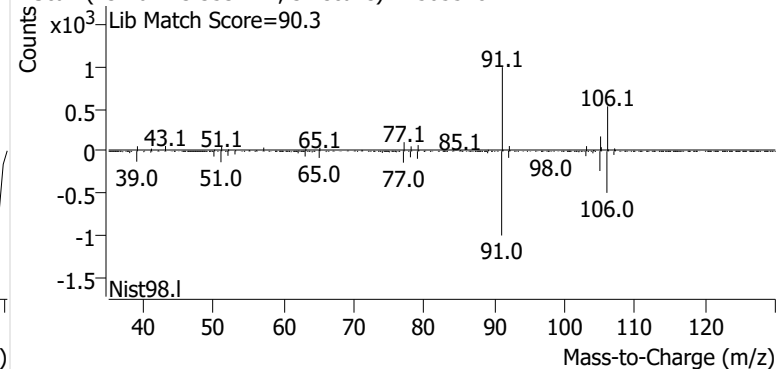
+ Scan (12.990-13.136 min, 25 scans) V2505518.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505518.D

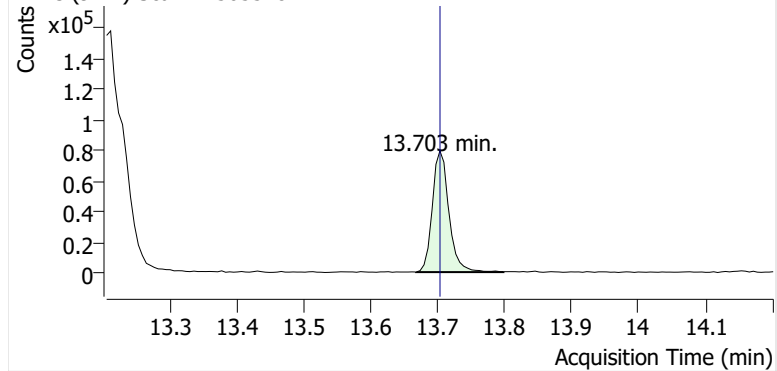


+ Scan (13.164-13.353 min, 32 scans) V2505518.D

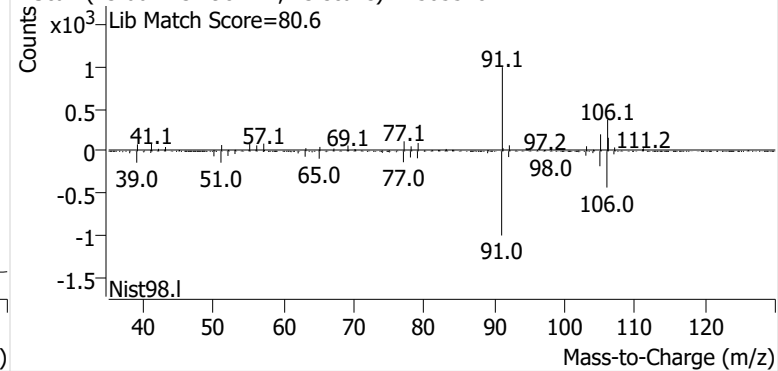


o-Xylene

+ EIC (91.1) Scan V2505518.D

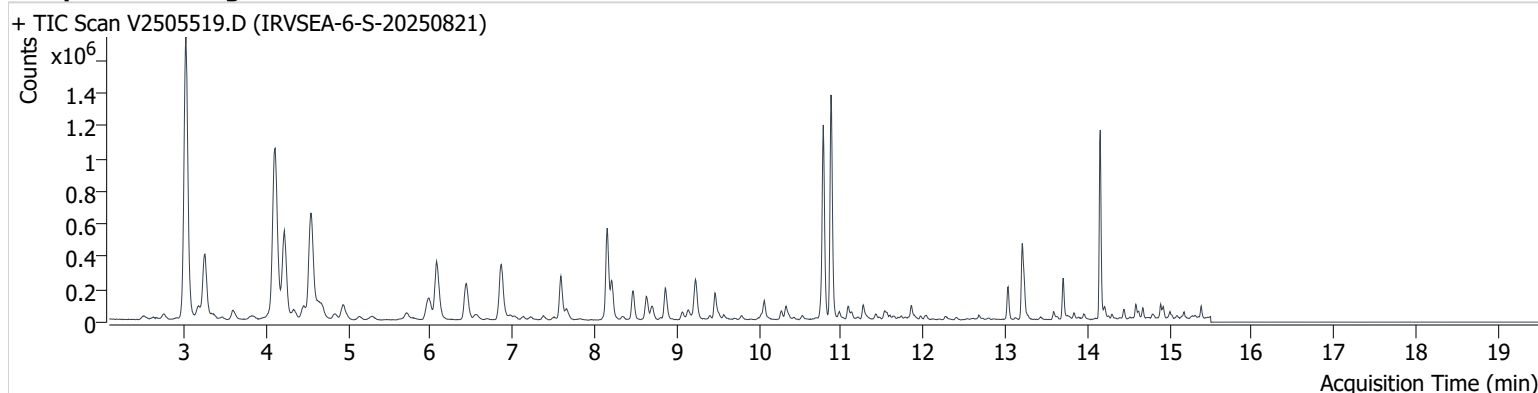


+ Scan (13.667-13.798 min, 23 scans) V2505518.D



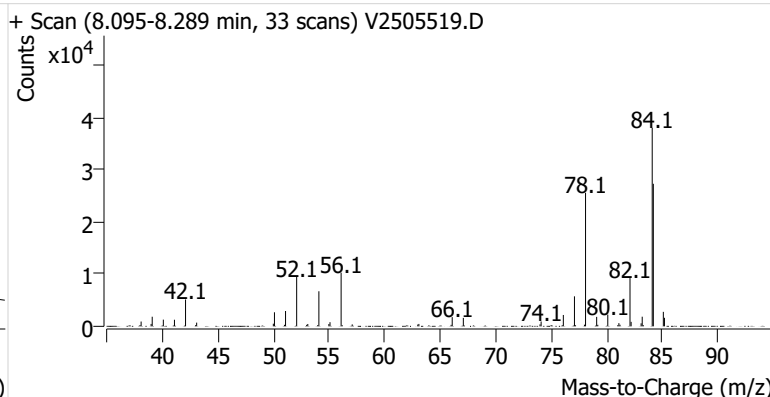
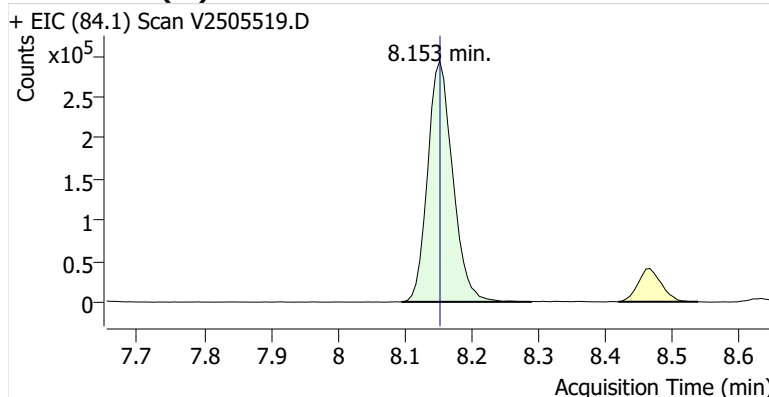
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Comment B12042
Data File V2505519.D
Acq. Date-Time 9/15/2025 11:20:51 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

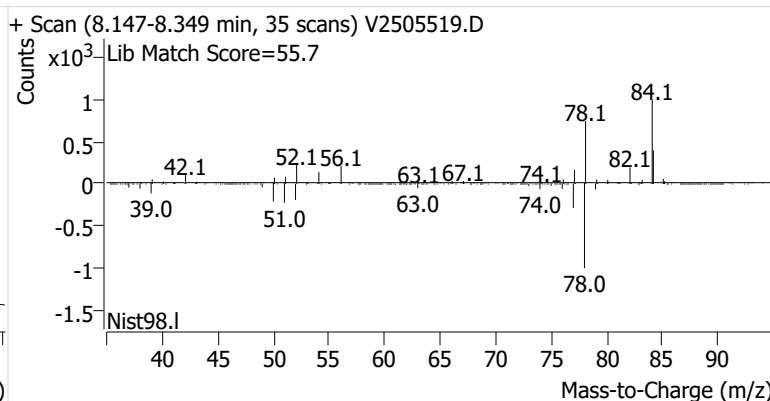
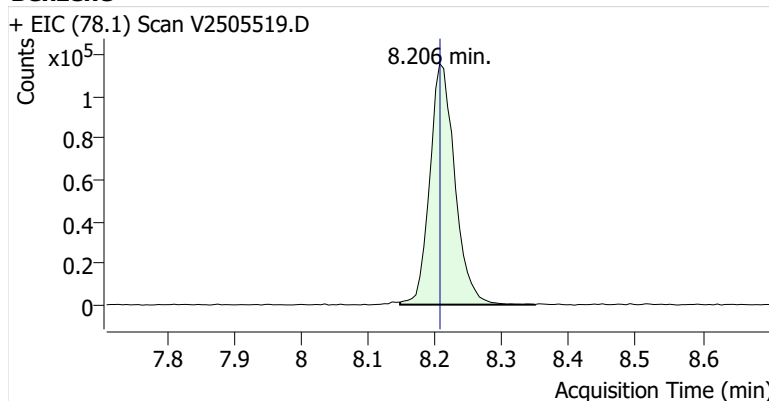


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.153	8.153	763,705	
Benzene	Benzene-d6 (IS)	8.206	8.207	301,078	
Toluene-d8 (IS)		10.782	10.783	930,193	
Toluene	Toluene-d8 (IS)	10.877	10.878	1,136,629	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	158,789	
m-/p-Xylenes	Toluene-d8 (IS)	13.204	13.204	423,214	
o-Xylene	Toluene-d8 (IS)	13.702	13.703	154,973	

Benzene-d6 (IS)

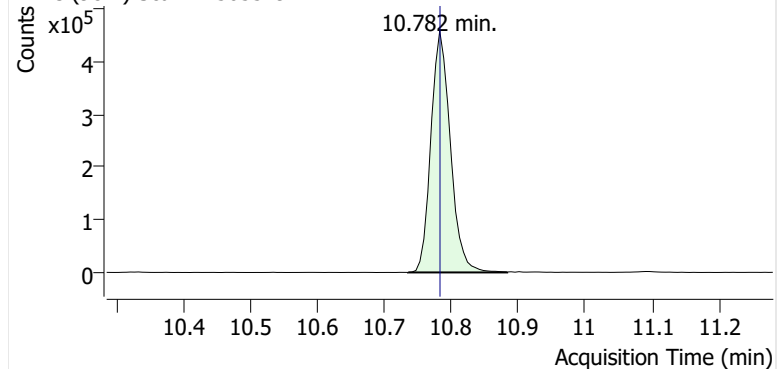


Benzene

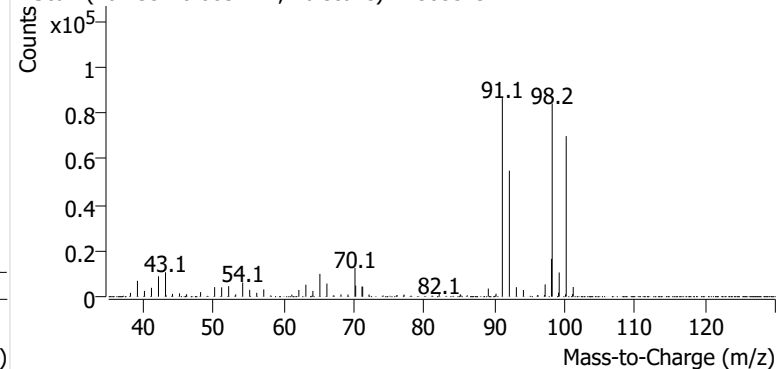


Toluene-d8 (IS)

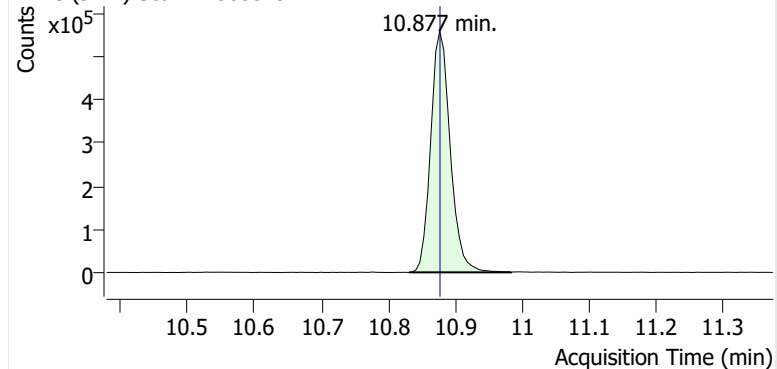
+ EIC (98.1) Scan V2505519.D



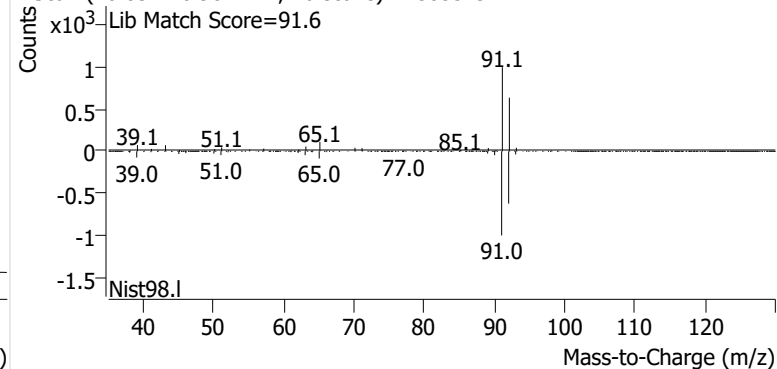
+ Scan (10.735-10.883 min, 26 scans) V2505519.D

**Toluene**

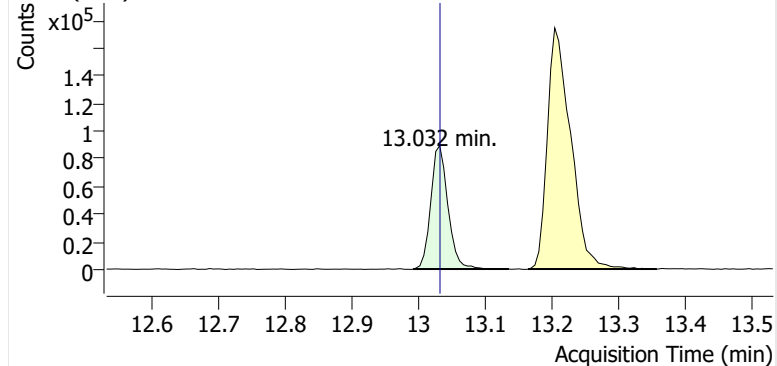
+ EIC (91.1) Scan V2505519.D



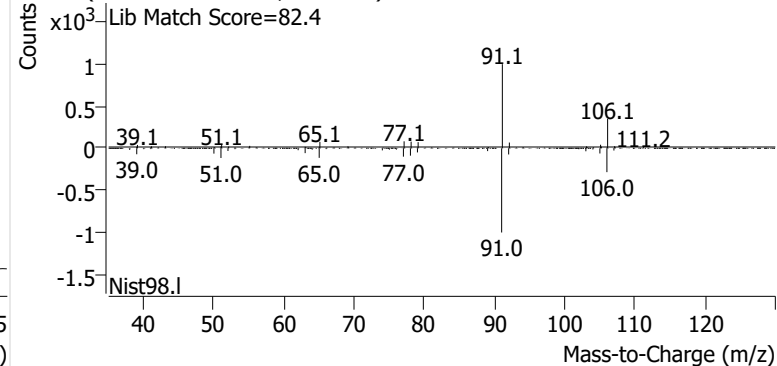
+ Scan (10.831-10.984 min, 26 scans) V2505519.D

**Ethylbenzene**

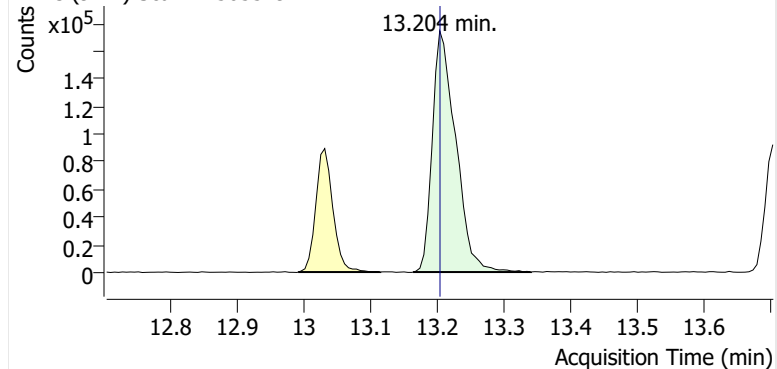
+ EIC (91.1) Scan V2505519.D



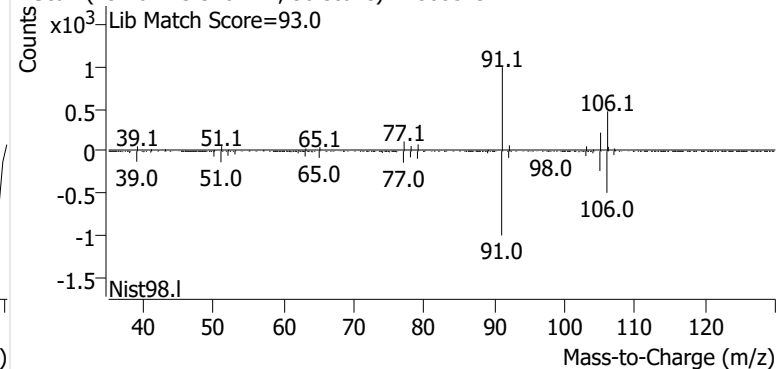
+ Scan (12.992-13.135 min, 24 scans) V2505519.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505519.D

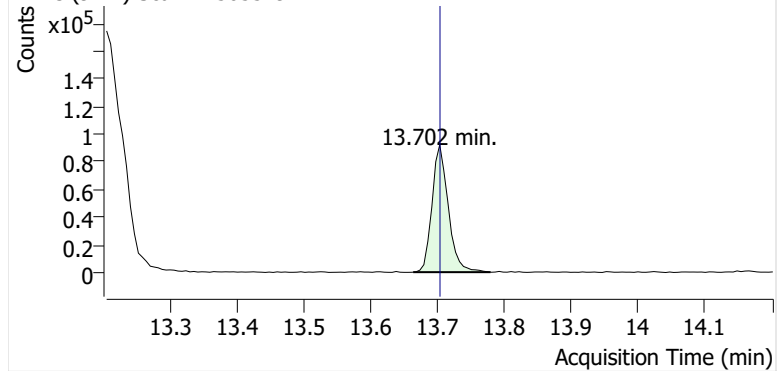


+ Scan (13.164-13.340 min, 30 scans) V2505519.D

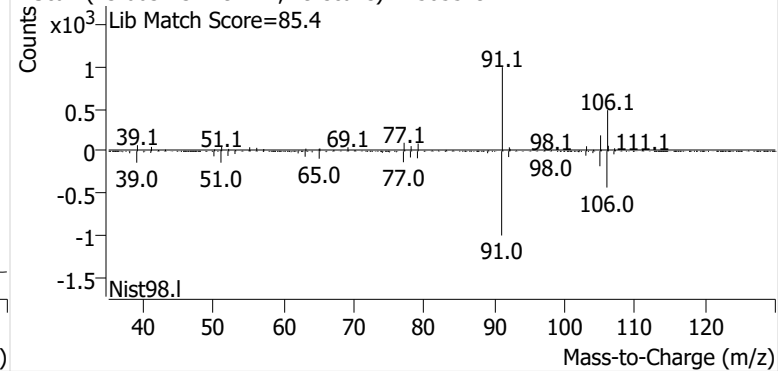


o-Xylene

+ EIC (91.1) Scan V2505519.D

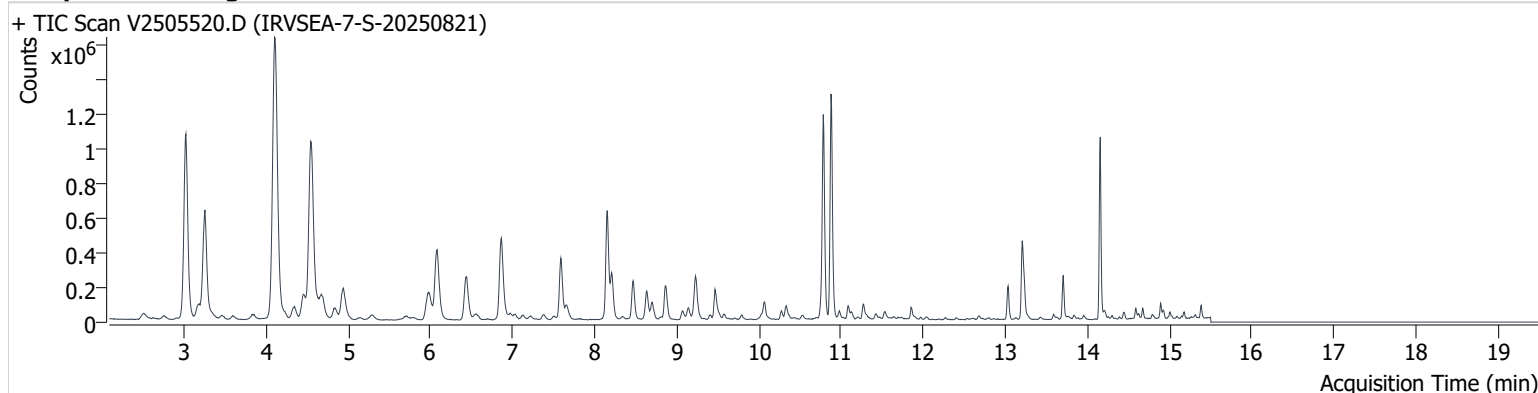


+ Scan (13.663-13.779 min, 19 scans) V2505519.D



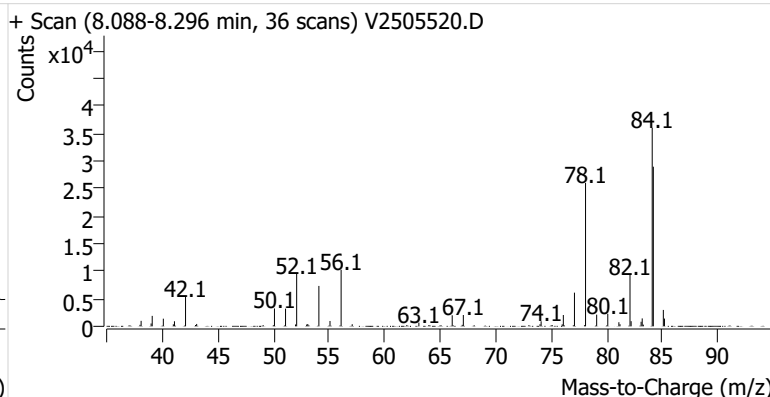
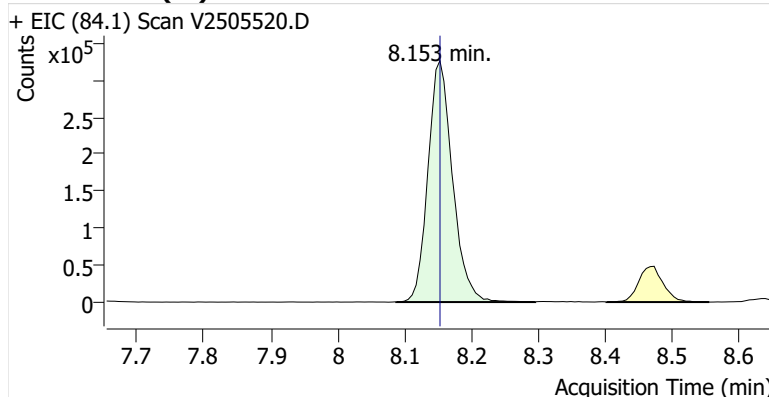
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Comment C33427
Data File V2505520.D
Acq. Date-Time 9/15/2025 12:02:02 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

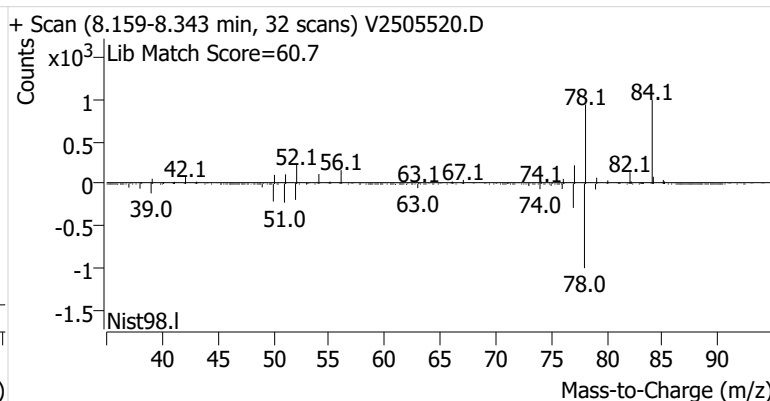
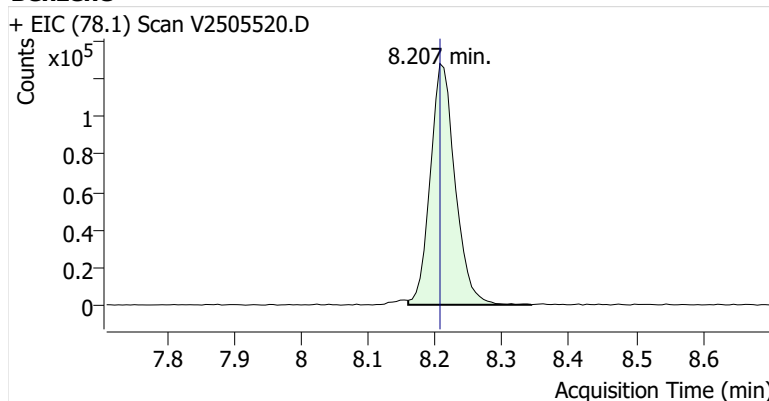


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.153	8.153	832,647	
Benzene	Benzene-d6 (IS)	8.207	8.207	330,124	
Toluene-d8 (IS)		10.783	10.783	915,512	
Toluene	Toluene-d8 (IS)	10.877	10.878	1,068,968	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	149,746	
m-/p-Xylenes	Toluene-d8 (IS)	13.204	13.204	409,840	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	153,463	

Benzene-d6 (IS)

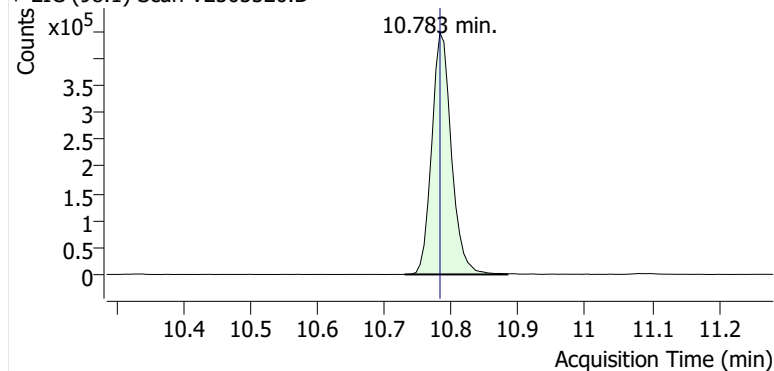


Benzene

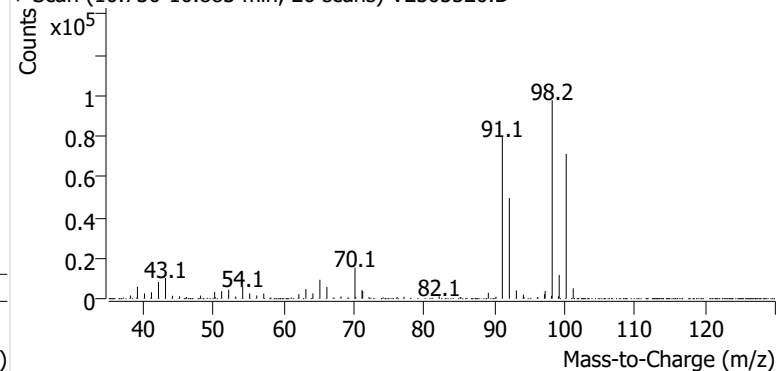


Toluene-d8 (IS)

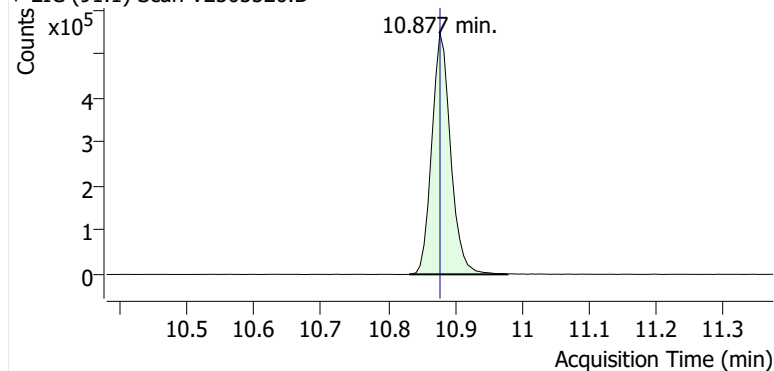
+ EIC (98.1) Scan V2505520.D



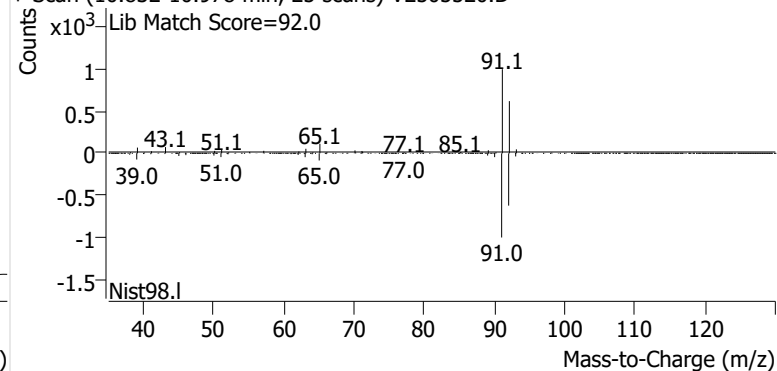
+ Scan (10.730-10.883 min, 26 scans) V2505520.D

**Toluene**

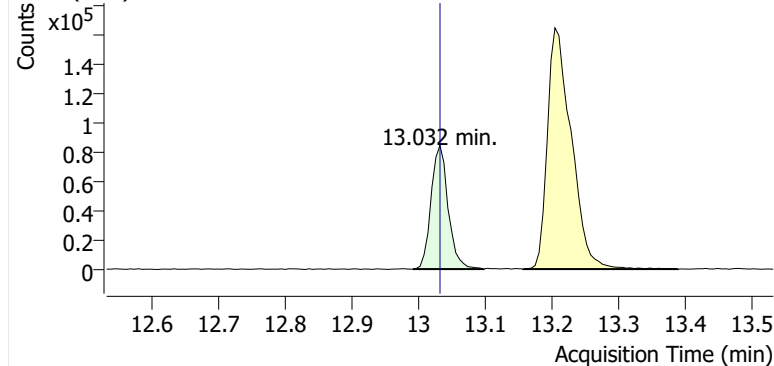
+ EIC (91.1) Scan V2505520.D



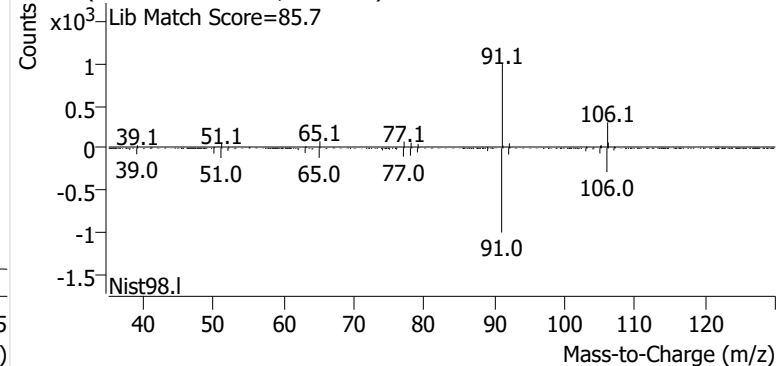
+ Scan (10.832-10.978 min, 25 scans) V2505520.D

**Ethylbenzene**

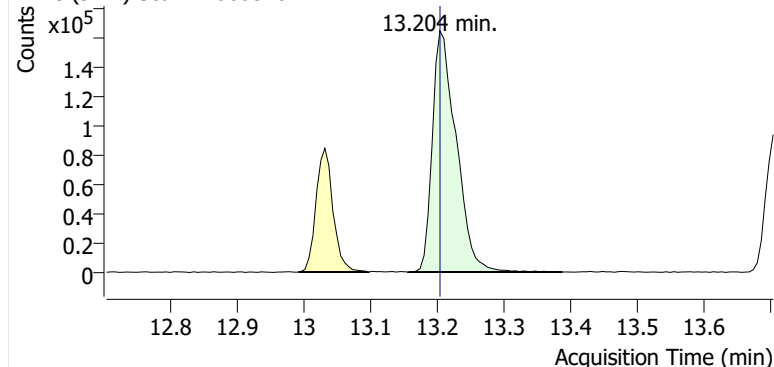
+ EIC (91.1) Scan V2505520.D



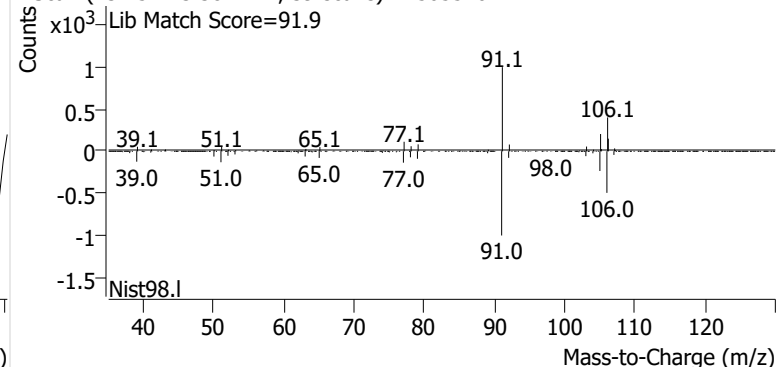
+ Scan (12.992-13.097 min, 18 scans) V2505520.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505520.D

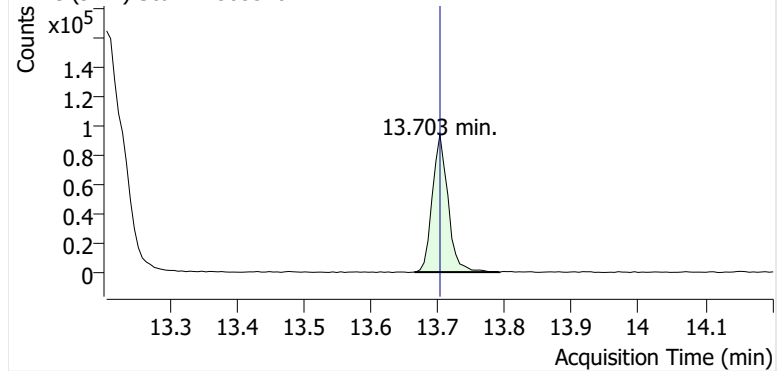


+ Scan (13.157-13.387 min, 39 scans) V2505520.D

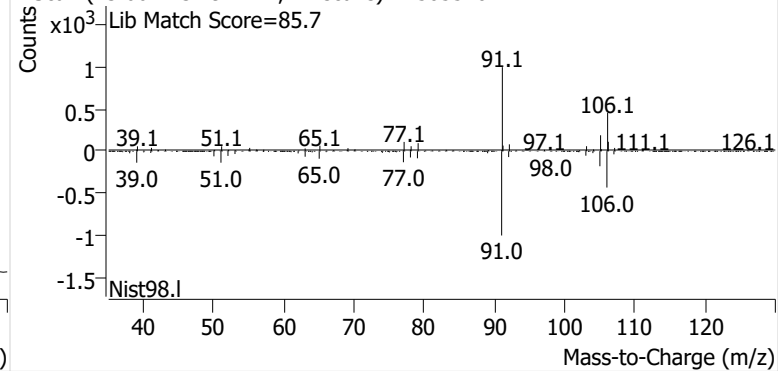


o-Xylene

+ EIC (91.1) Scan V2505520.D

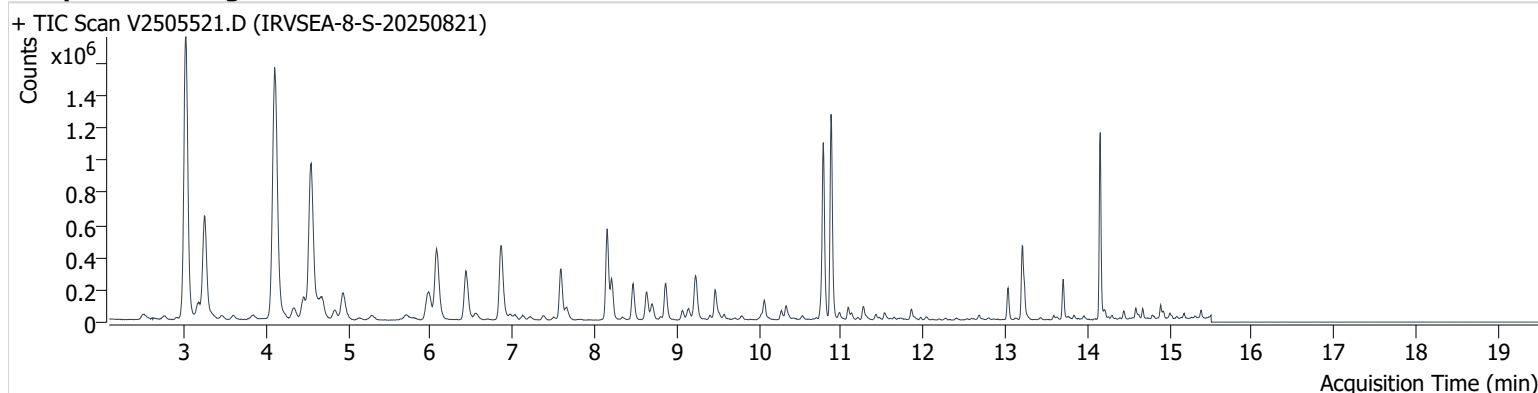


+ Scan (13.664-13.792 min, 22 scans) V2505520.D



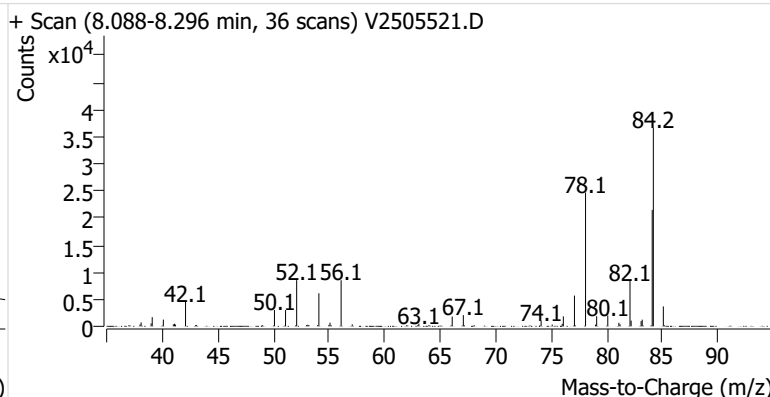
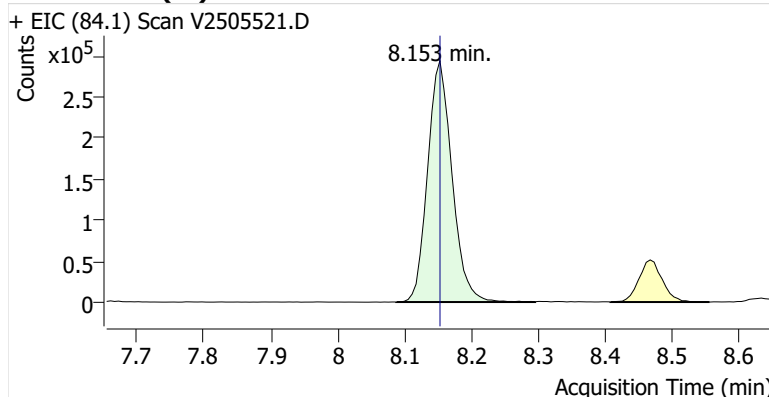
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Comment C32909
Data File V2505521.D
Acq. Date-Time 9/15/2025 12:43:12 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

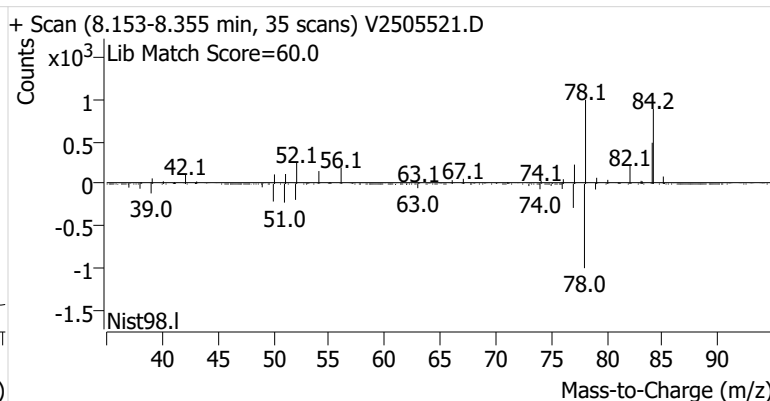
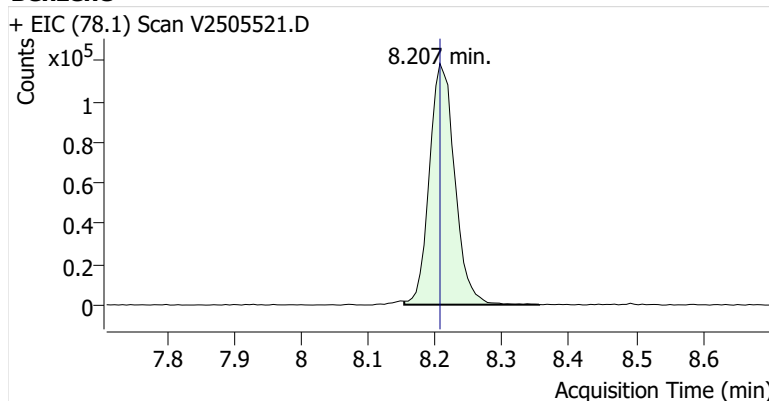


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.153	8.153	745,548	
Benzene	Benzene-d6 (IS)	8.207	8.207	312,557	
Toluene-d8 (IS)		10.782	10.783	863,519	
Toluene	Toluene-d8 (IS)	10.877	10.878	1,056,277	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	154,999	
m-/p-Xylenes	Toluene-d8 (IS)	13.204	13.204	415,281	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	152,887	

Benzene-d6 (IS)

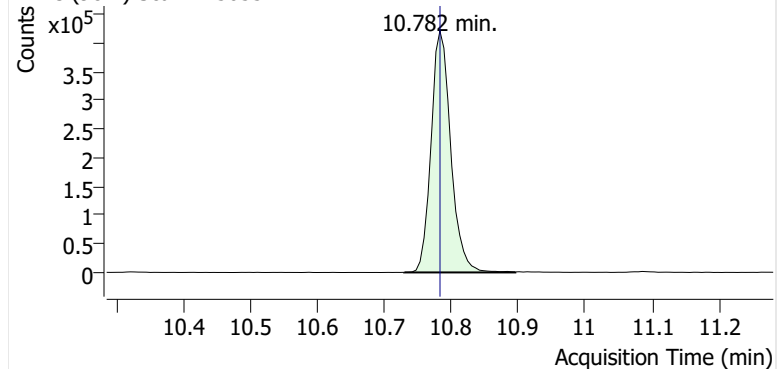


Benzene

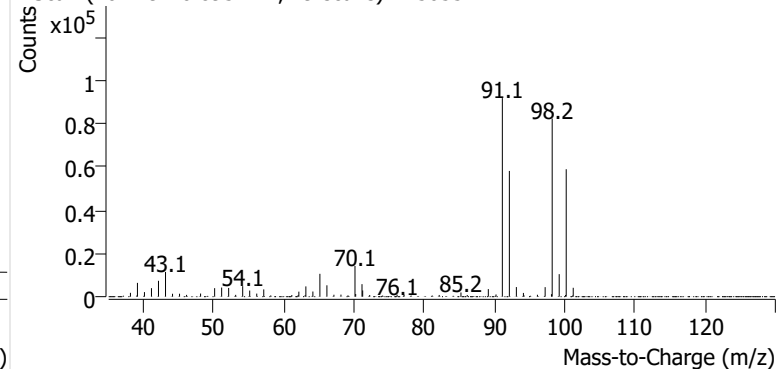


Toluene-d8 (IS)

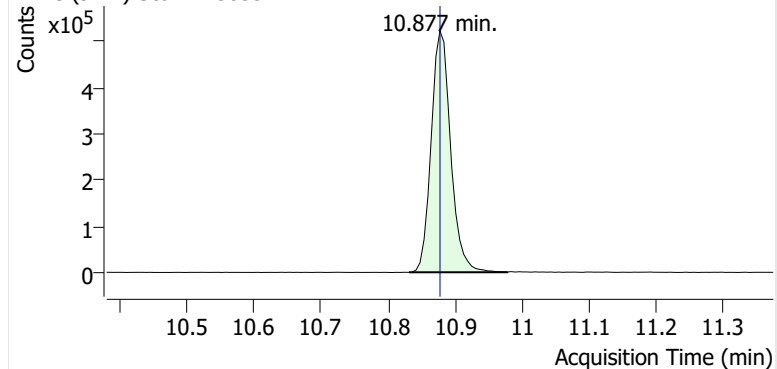
+ EIC (98.1) Scan V2505521.D



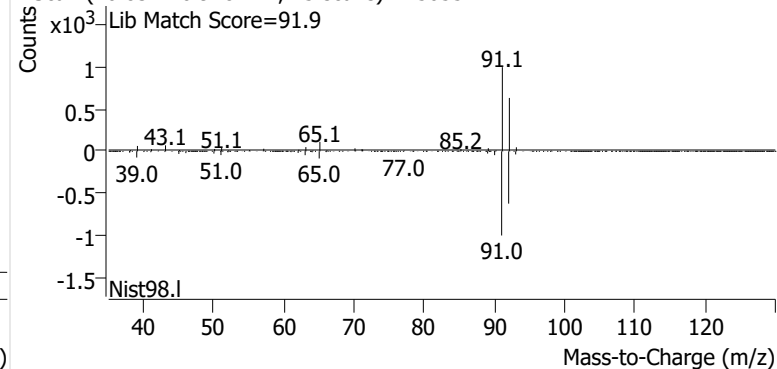
+ Scan (10.729-10.895 min, 29 scans) V2505521.D

**Toluene**

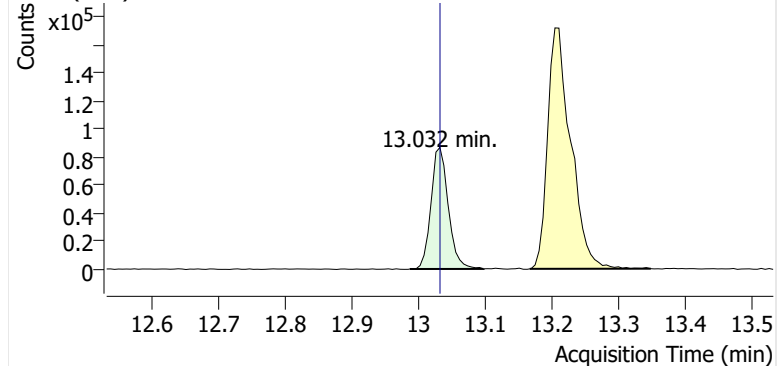
+ EIC (91.1) Scan V2505521.D



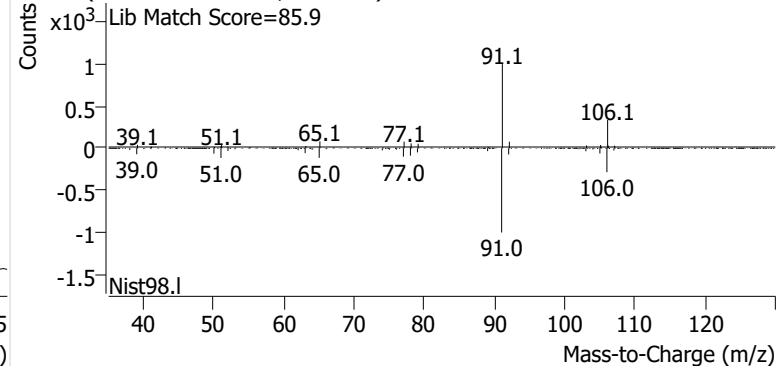
+ Scan (10.831-10.978 min, 25 scans) V2505521.D

**Ethylbenzene**

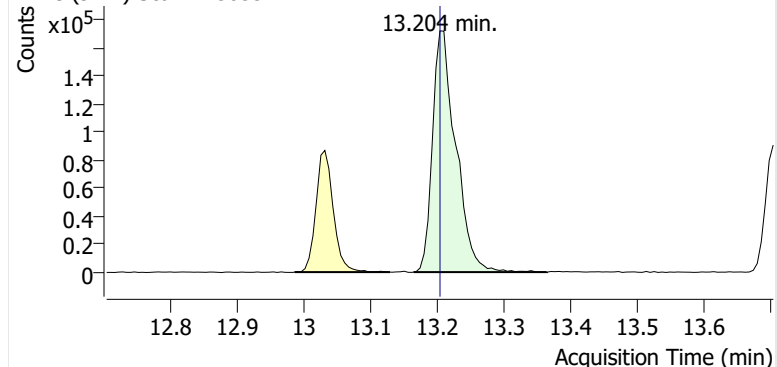
+ EIC (91.1) Scan V2505521.D



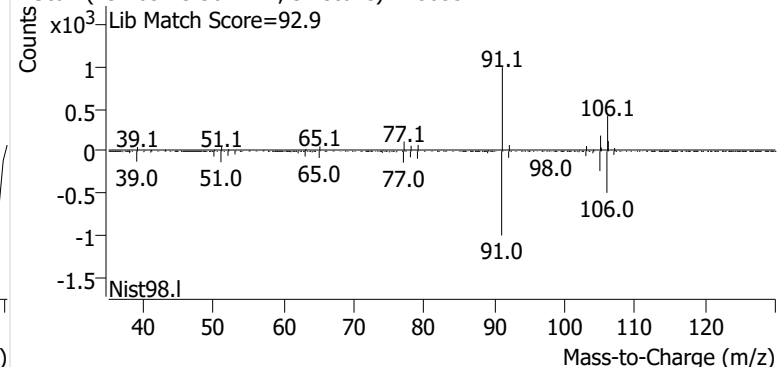
+ Scan (12.987-13.097 min, 19 scans) V2505521.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505521.D

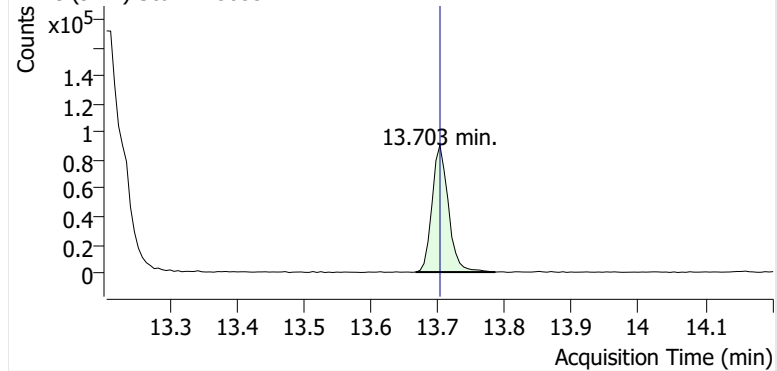


+ Scan (13.165-13.364 min, 34 scans) V2505521.D

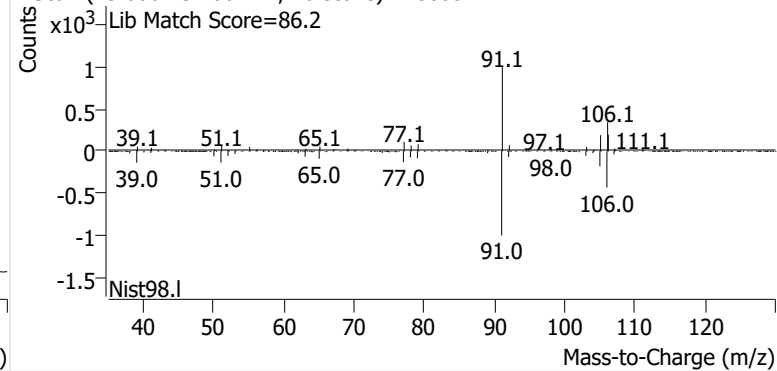


o-Xylene

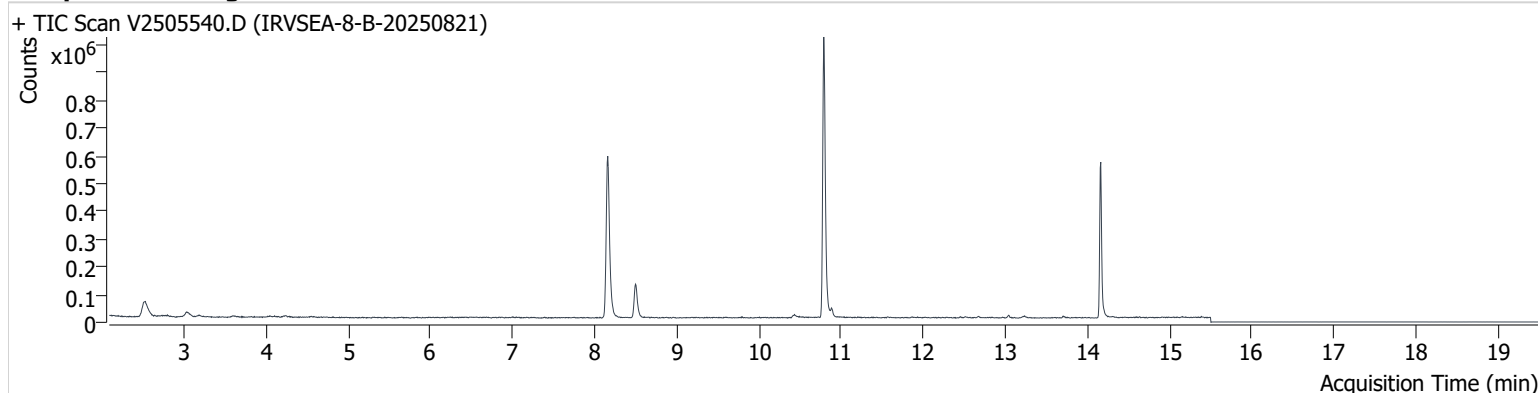
+ EIC (91.1) Scan V2505521.D



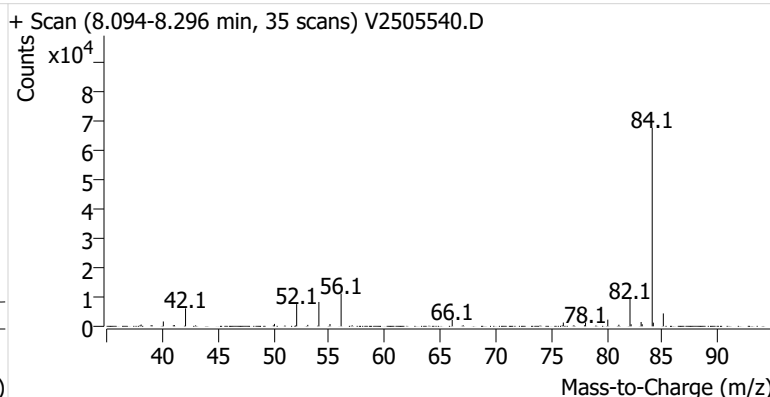
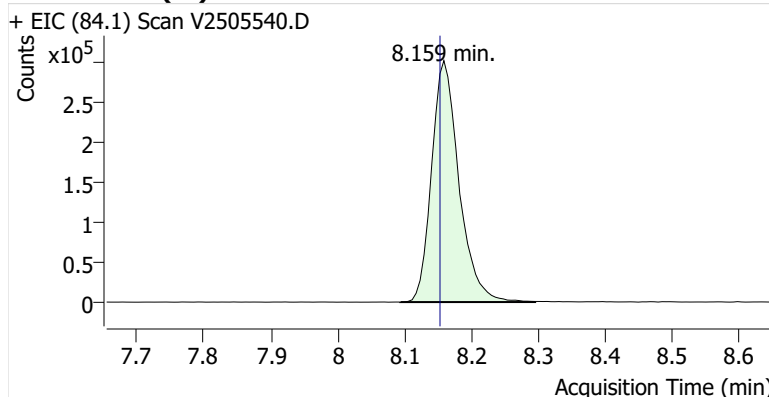
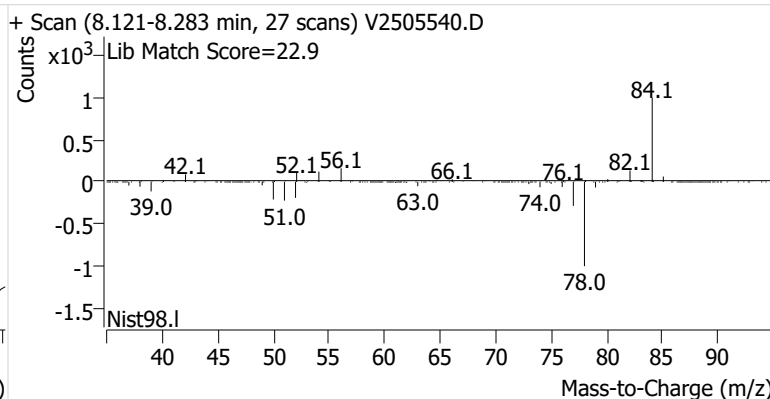
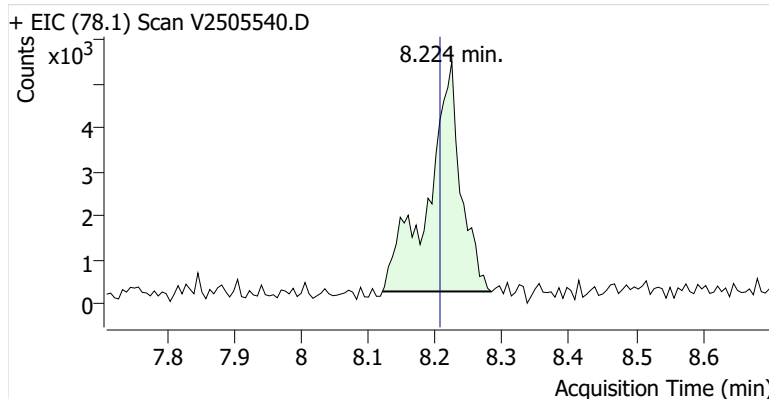
+ Scan (13.666-13.786 min, 20 scans) V2505521.D



Name IRVSEA-8-B-20250821
Comment B28902; Recollect
Data File V2505540.D
Acq. Date-Time 9/16/2025 2:38:04 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

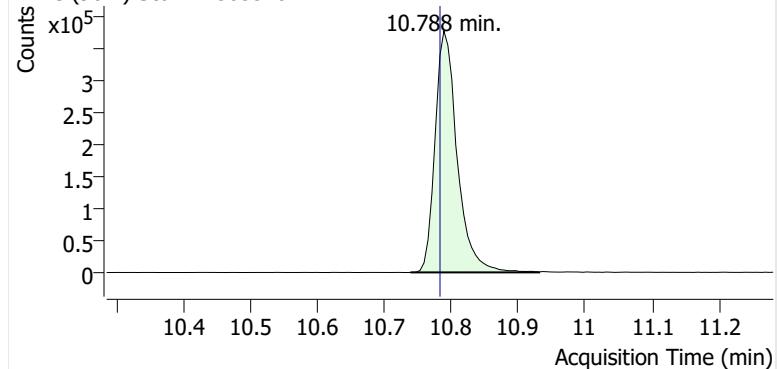
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	858,310	
Benzene	Benzene-d6 (IS)	8.224	8.207	17,952	
Toluene-d8 (IS)		10.788	10.783	866,144	
Toluene	Toluene-d8 (IS)	10.883	10.878	20,581	
Ethylbenzene	Toluene-d8 (IS)	13.044	13.032	6,416	
m-/p-Xylenes	Toluene-d8 (IS)	13.228	13.204	6,376	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	3,632	

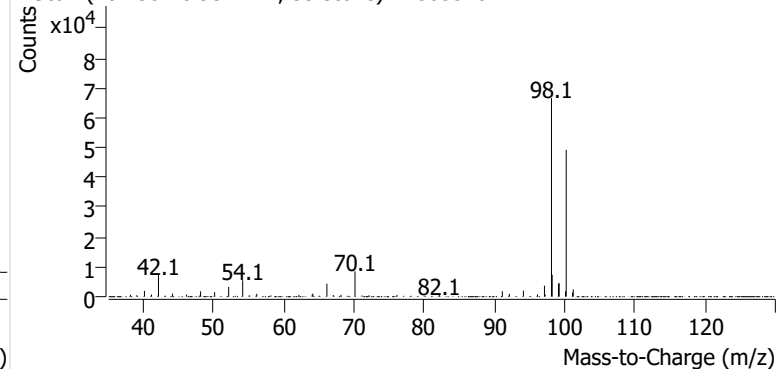
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

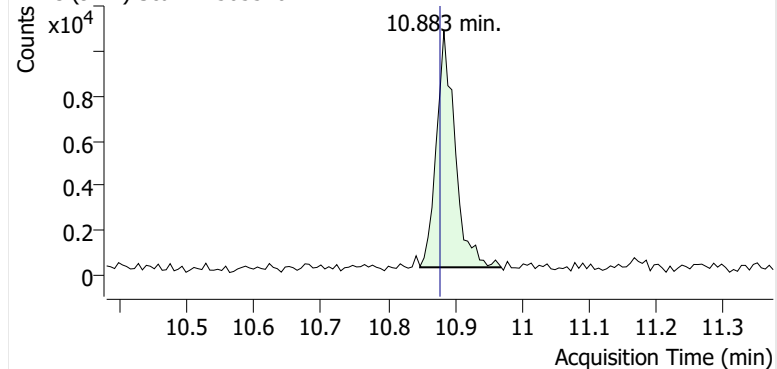
+ EIC (98.1) Scan V2505540.D



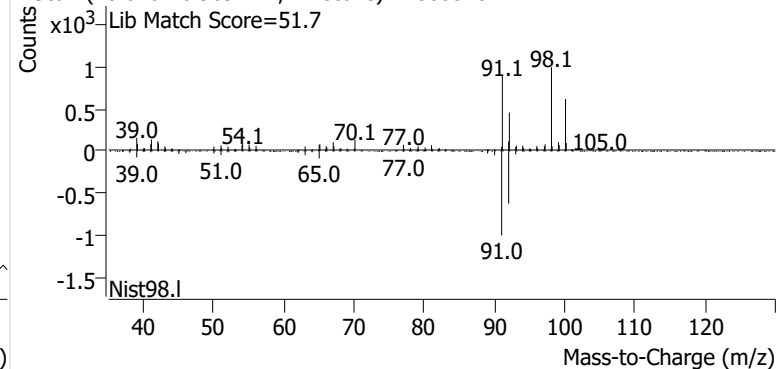
+ Scan (10.738-10.931 min, 33 scans) V2505540.D

**Toluene**

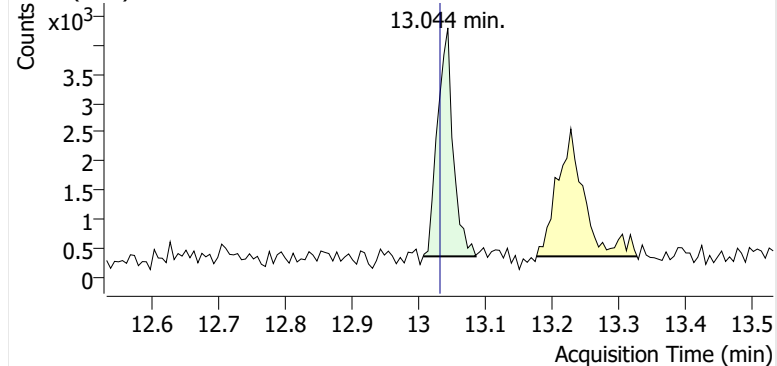
+ EIC (91.1) Scan V2505540.D



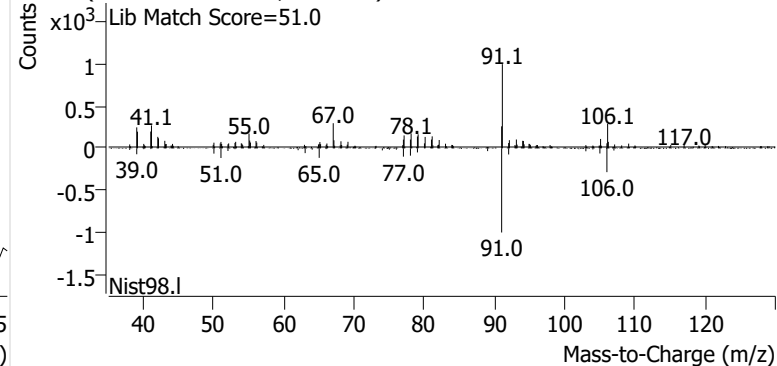
+ Scan (10.848-10.969 min, 21 scans) V2505540.D

**Ethylbenzene**

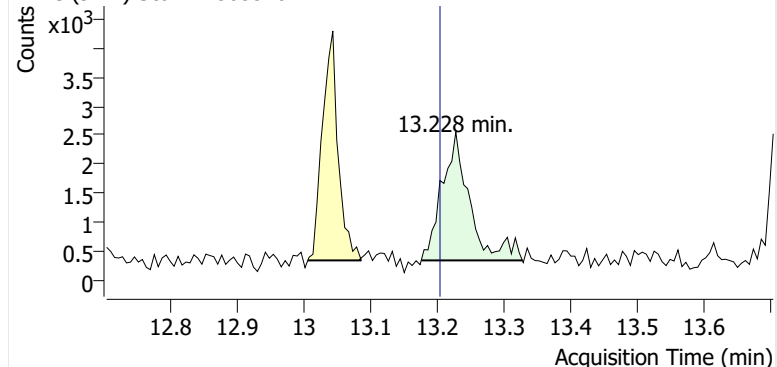
+ EIC (91.1) Scan V2505540.D



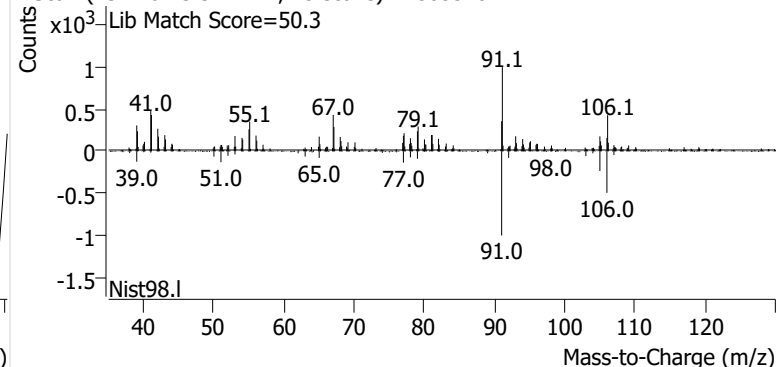
+ Scan (13.007-13.085 min, 14 scans) V2505540.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505540.D

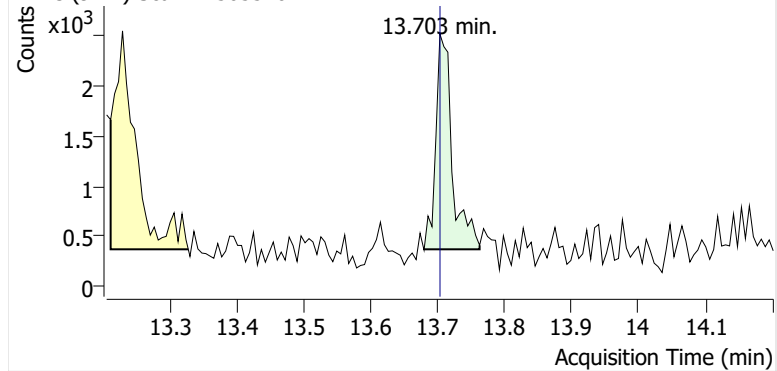


+ Scan (13.176-13.327 min, 25 scans) V2505540.D

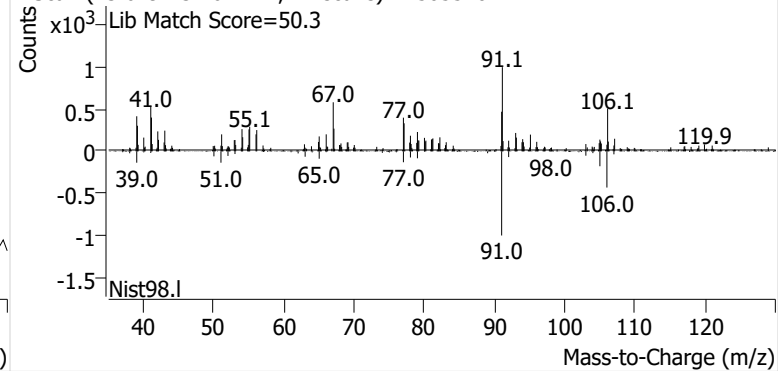


o-Xylene

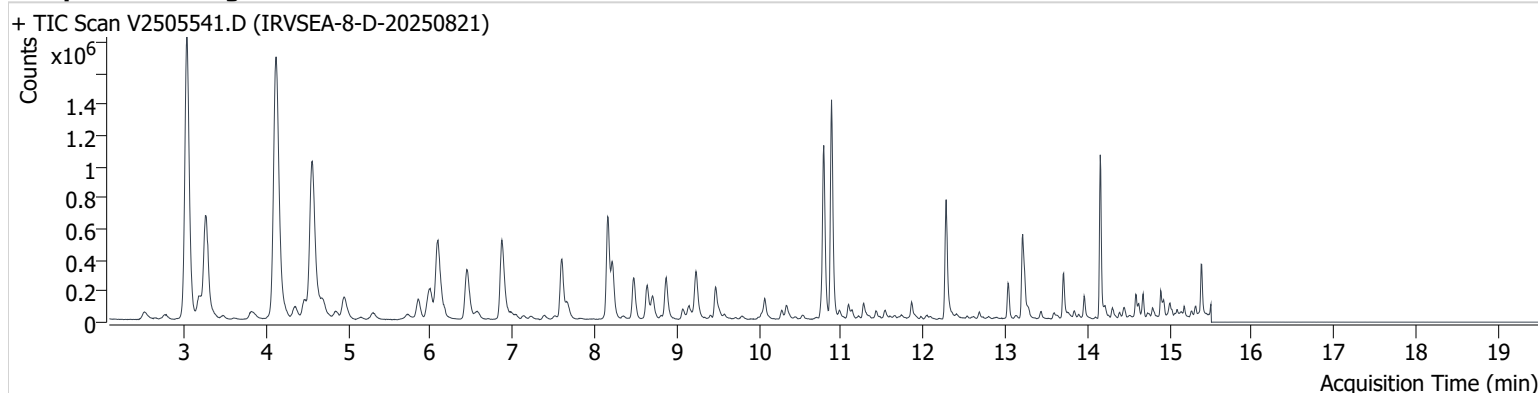
+ EIC (91.1) Scan V2505540.D



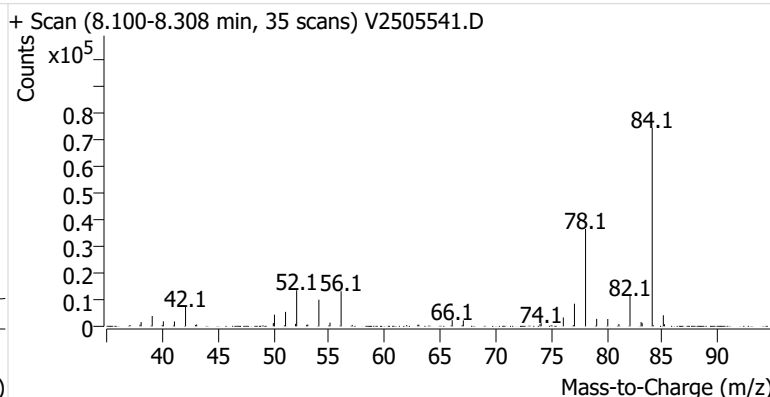
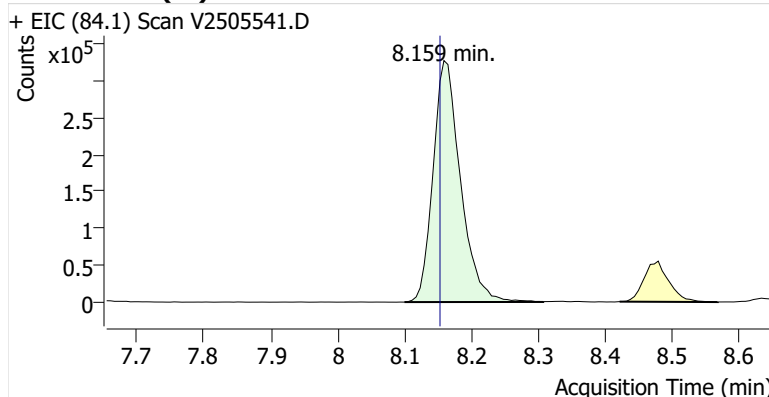
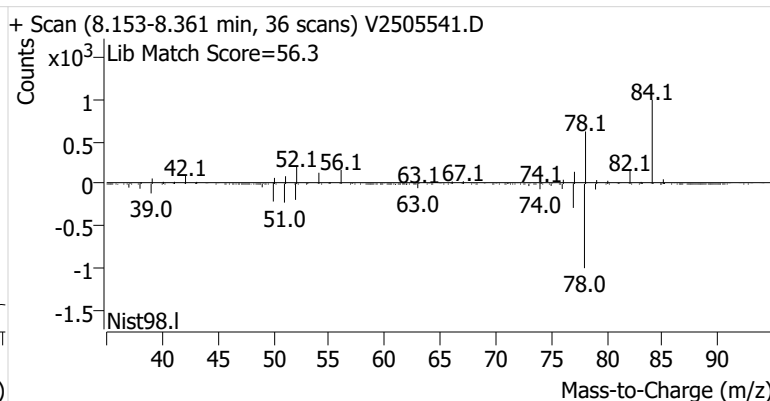
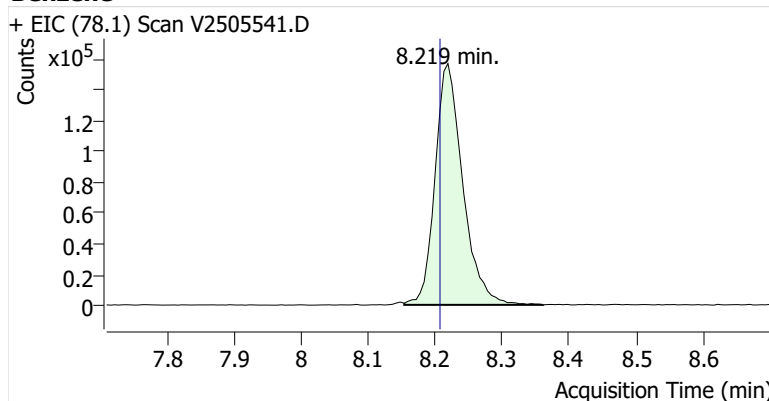
+ Scan (13.679-13.762 min, 14 scans) V2505540.D



Name IRVSEA-8-D-20250821
Comment C70078; Recollect
Data File V2505541.D
Acq. Date-Time 9/16/2025 3:15:26 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

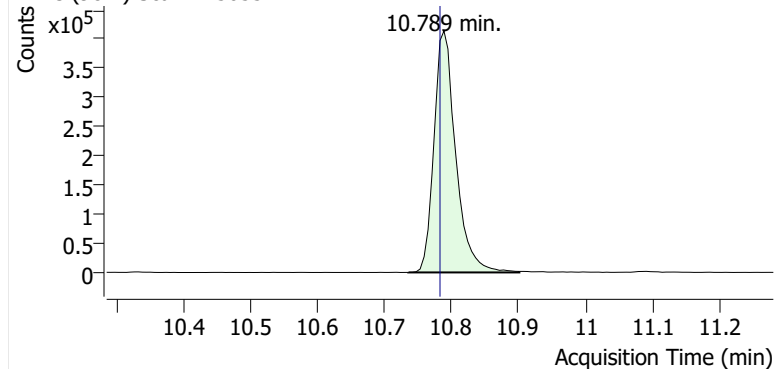
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	930,754	
Benzene	Benzene-d6 (IS)	8.219	8.207	452,606	
Toluene-d8 (IS)		10.789	10.783	935,084	
Toluene	Toluene-d8 (IS)	10.884	10.878	1,228,186	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	201,359	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	523,675	
o-Xylene	Toluene-d8 (IS)	13.709	13.703	195,547	

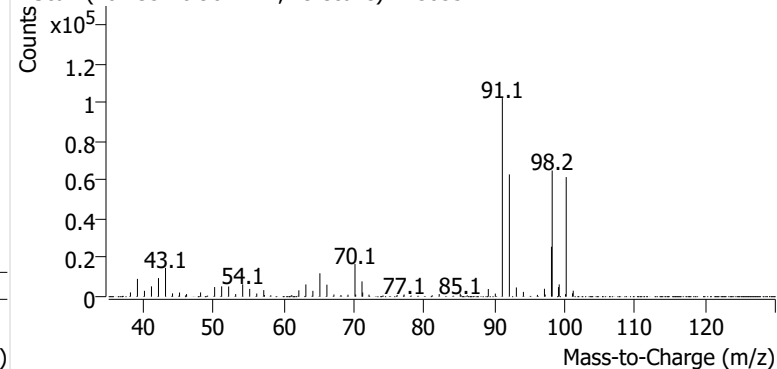
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

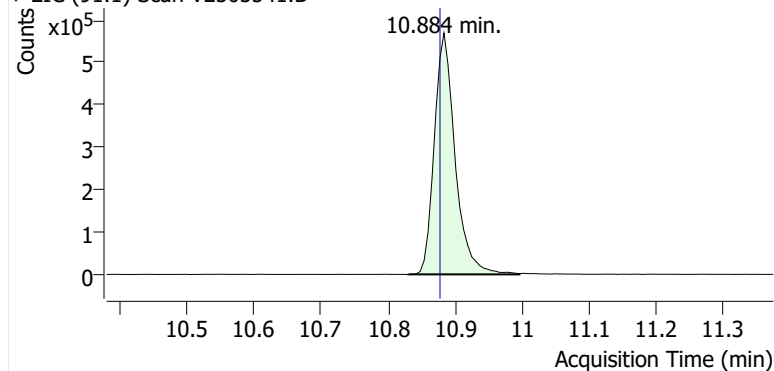
+ EIC (98.1) Scan V2505541.D



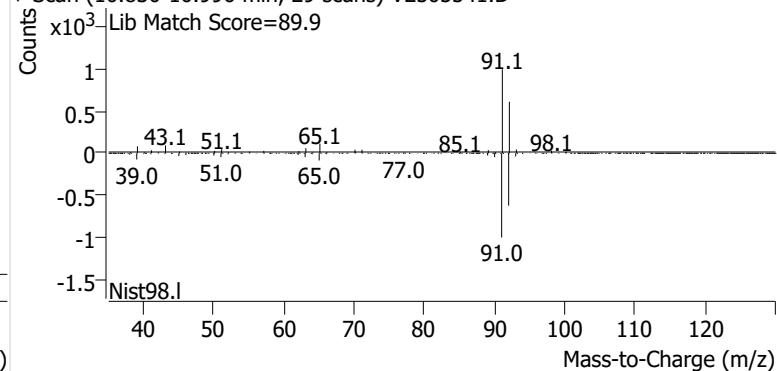
+ Scan (10.735-10.901 min, 29 scans) V2505541.D

**Toluene**

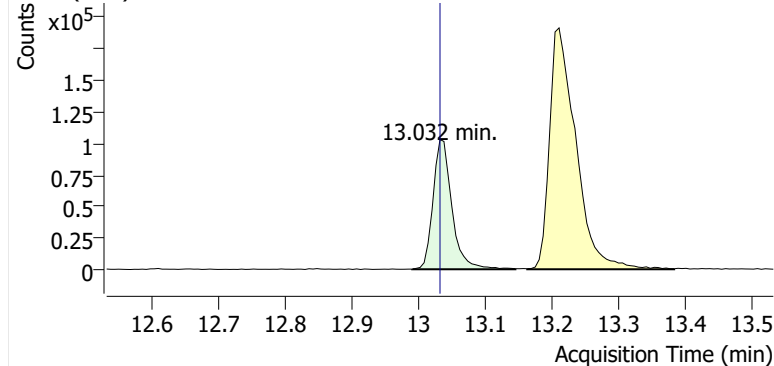
+ EIC (91.1) Scan V2505541.D



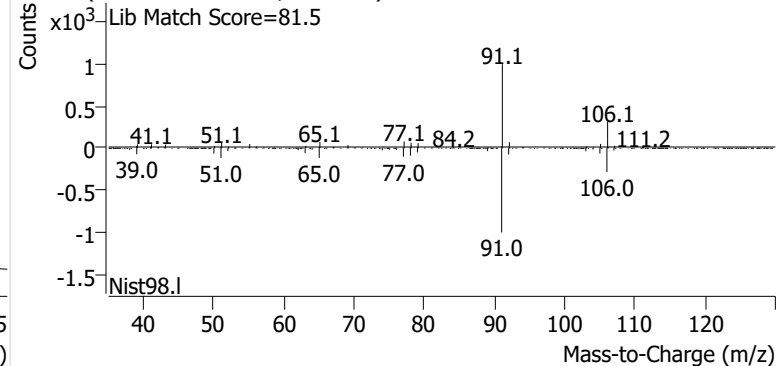
+ Scan (10.830-10.996 min, 29 scans) V2505541.D

**Ethylbenzene**

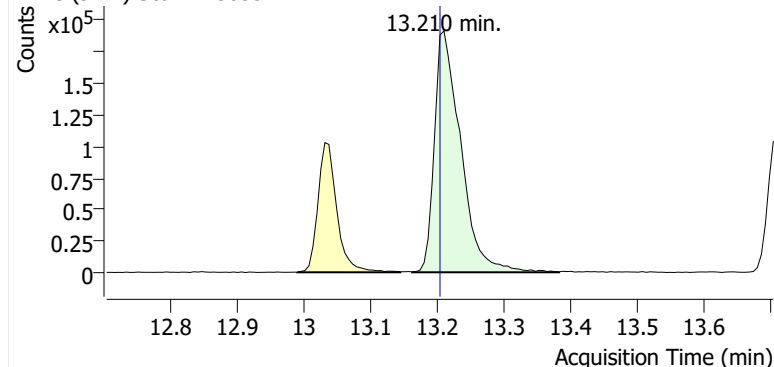
+ EIC (91.1) Scan V2505541.D



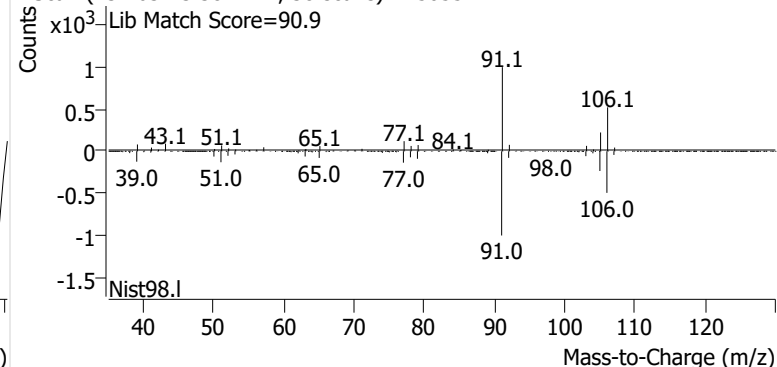
+ Scan (12.991-13.145 min, 27 scans) V2505541.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505541.D

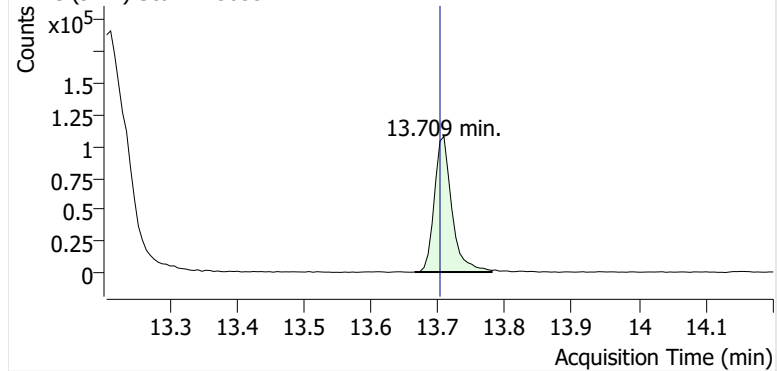


+ Scan (13.163-13.382 min, 38 scans) V2505541.D

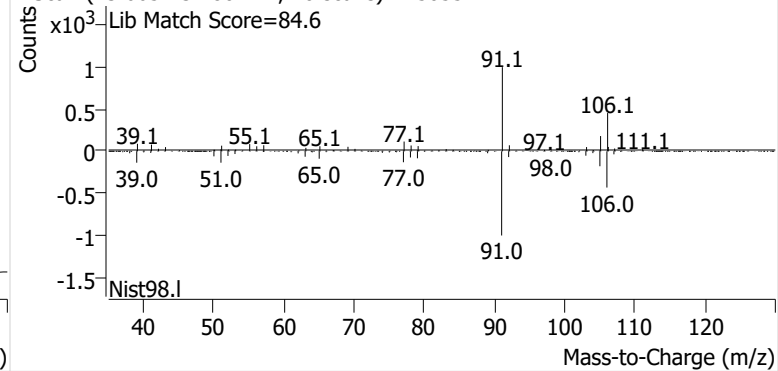


o-Xylene

+ EIC (91.1) Scan V2505541.D

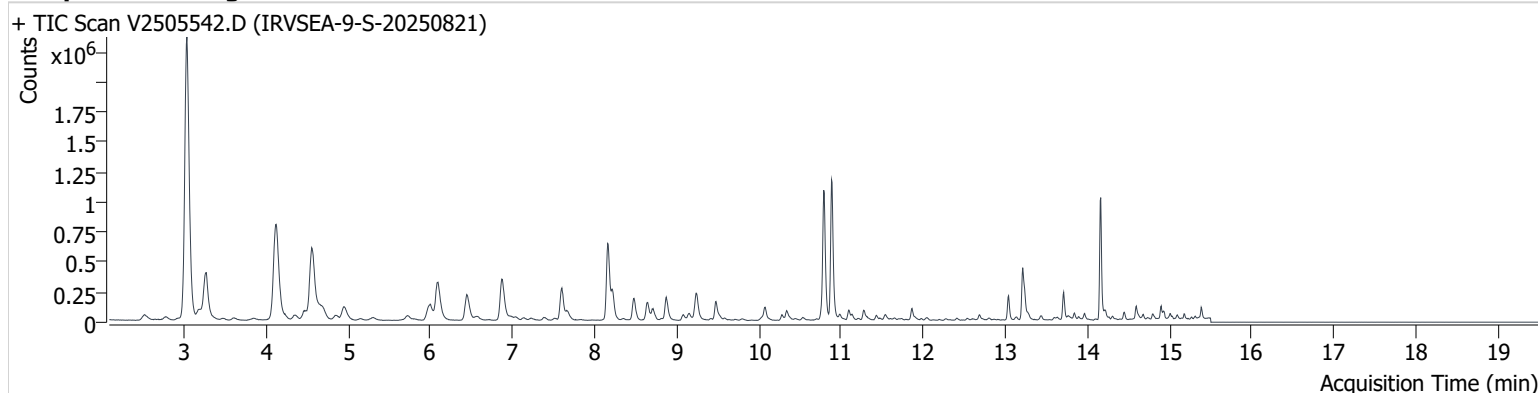


+ Scan (13.665-13.780 min, 20 scans) V2505541.D



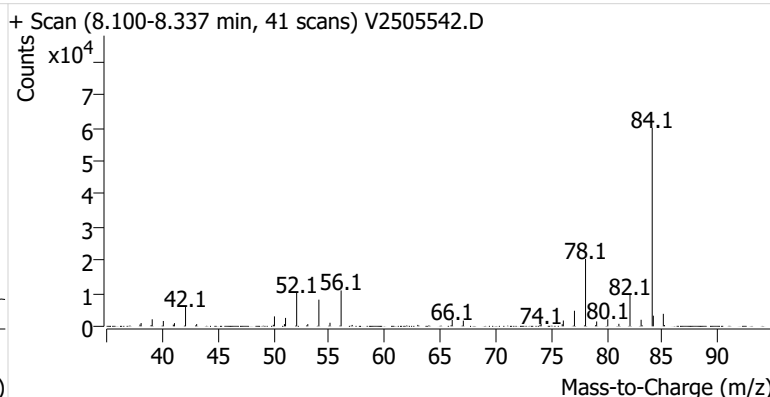
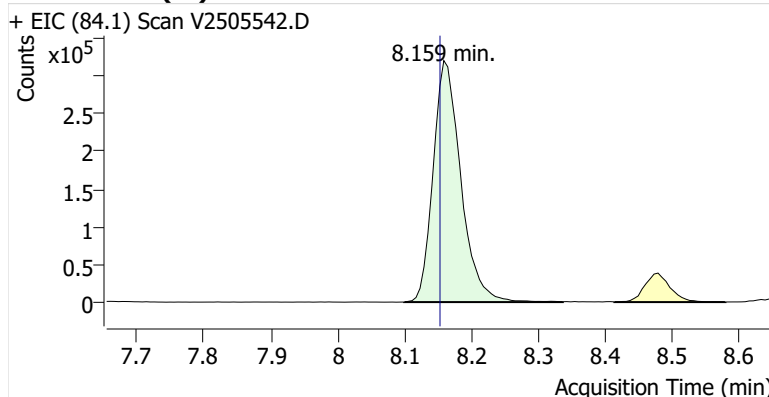
Name IRVSEA-9-S-20250821
Comment B49474; Recollect
Data File V2505542.D
Acq. Date-Time 9/16/2025 3:52:48 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

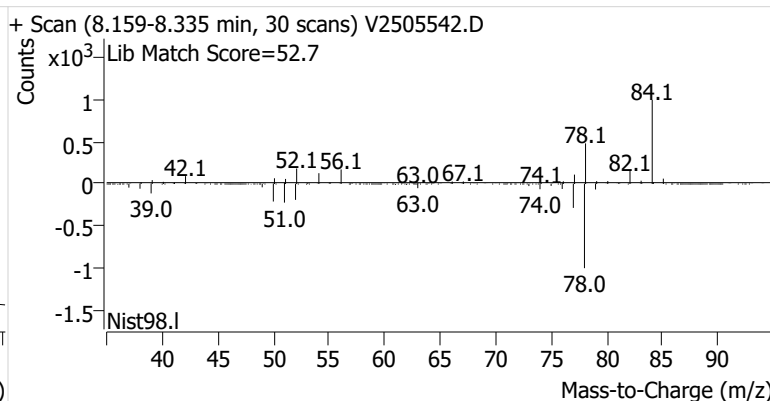
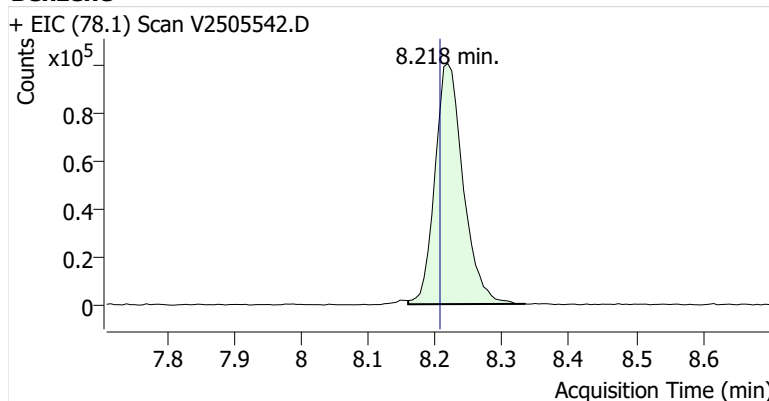


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	920,901	
Benzene	Benzene-d6 (IS)	8.218	8.207	293,683	
Toluene-d8 (IS)		10.794	10.783	912,321	
Toluene	Toluene-d8 (IS)	10.883	10.878	1,012,427	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.032	160,927	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	403,969	
o-Xylene	Toluene-d8 (IS)	13.709	13.703	154,169	

Benzene-d6 (IS)

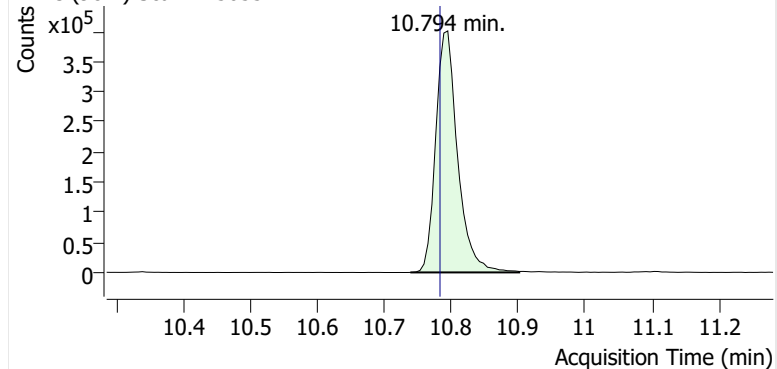


Benzene

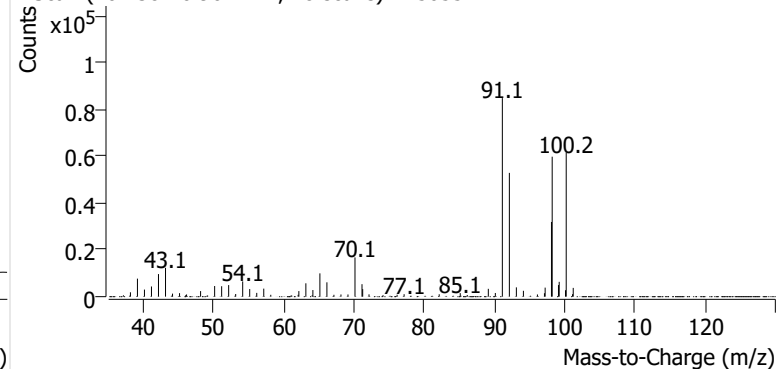


Toluene-d8 (IS)

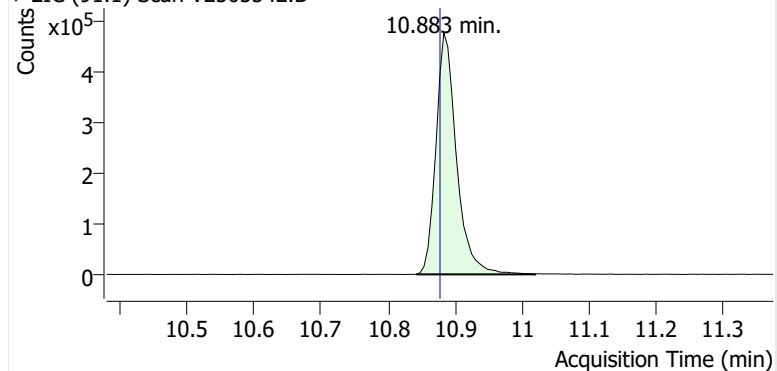
+ EIC (98.1) Scan V2505542.D



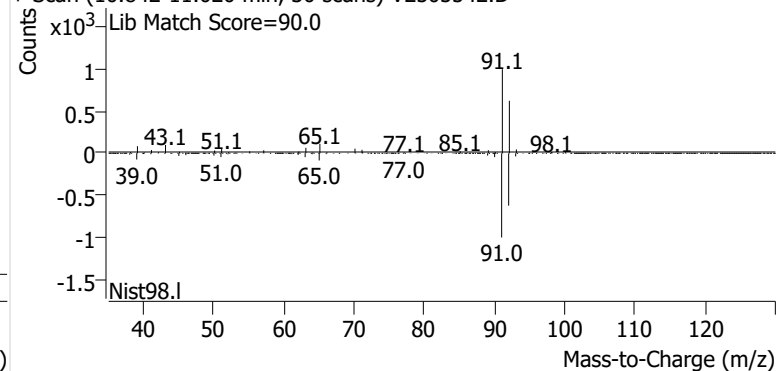
+ Scan (10.738-10.901 min, 28 scans) V2505542.D

**Toluene**

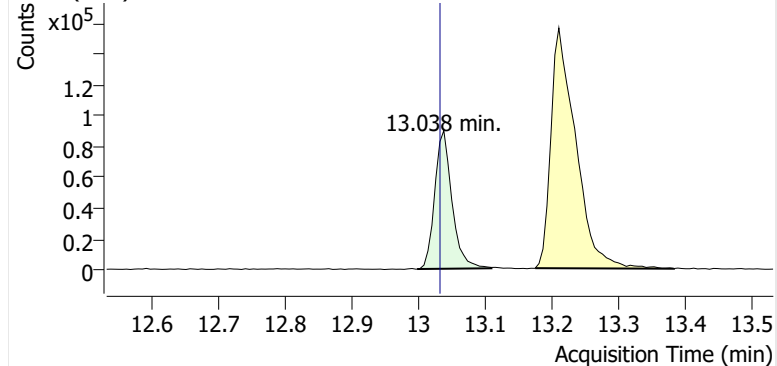
+ EIC (91.1) Scan V2505542.D



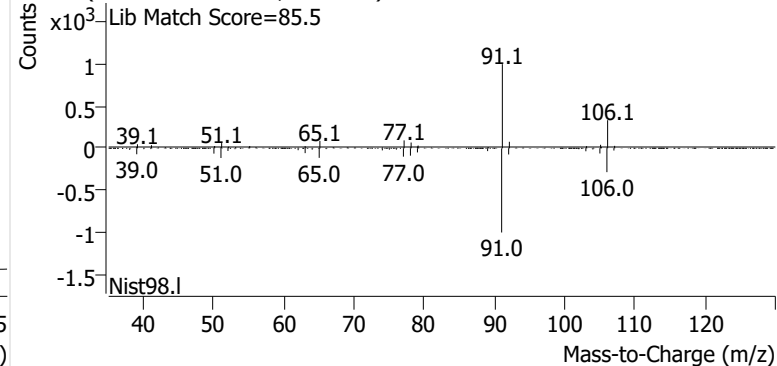
+ Scan (10.842-11.020 min, 30 scans) V2505542.D

**Ethylbenzene**

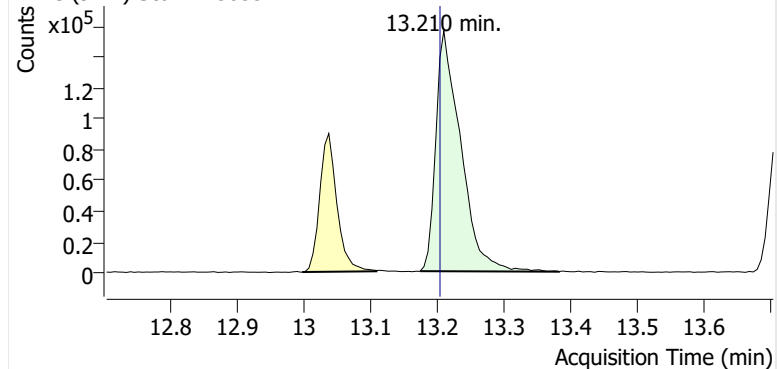
+ EIC (91.1) Scan V2505542.D



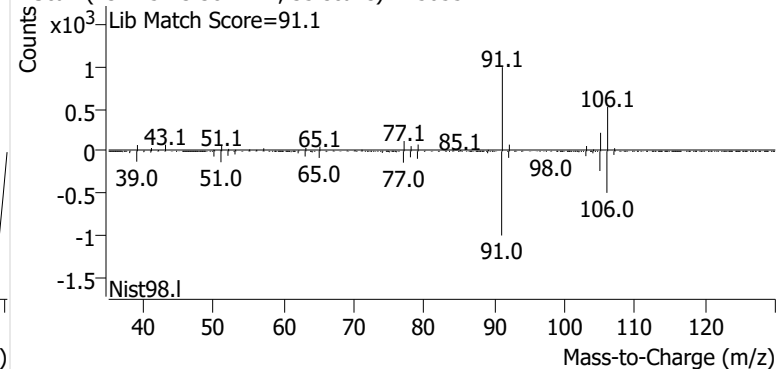
+ Scan (12.998-13.109 min, 19 scans) V2505542.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505542.D

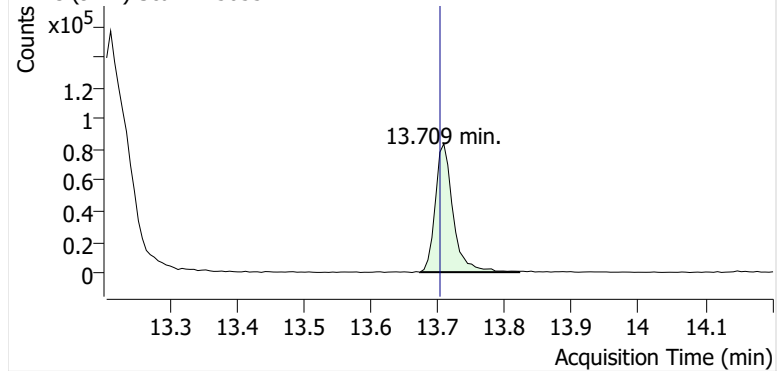


+ Scan (13.175-13.382 min, 35 scans) V2505542.D

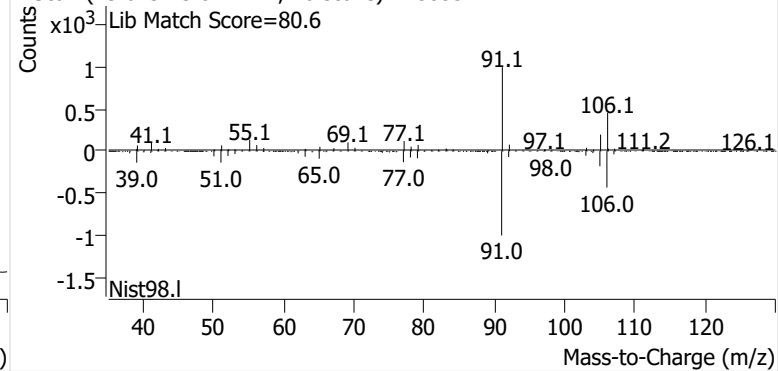


o-Xylene

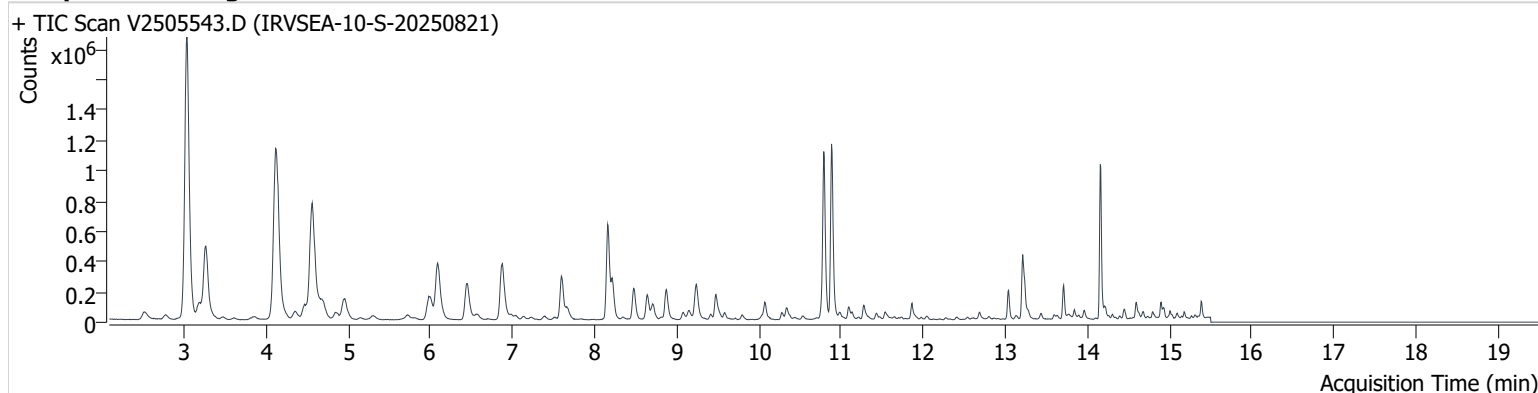
+ EIC (91.1) Scan V2505542.D



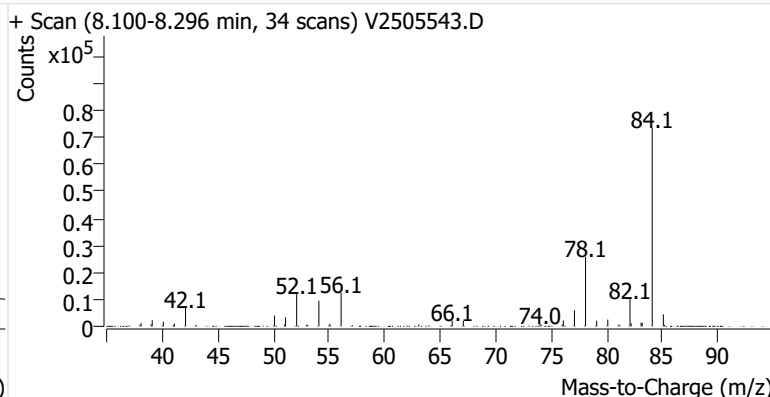
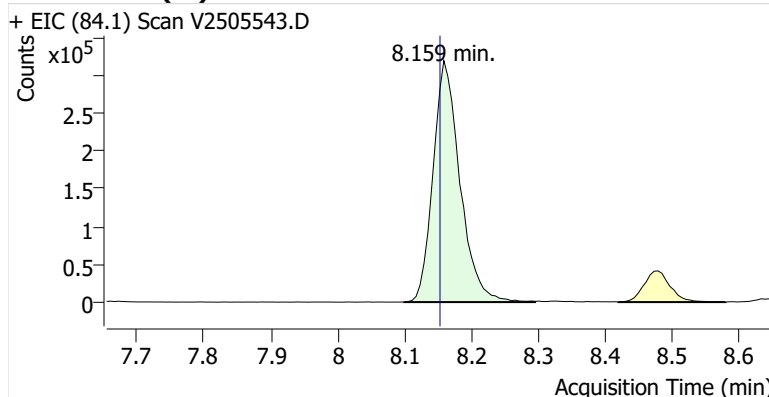
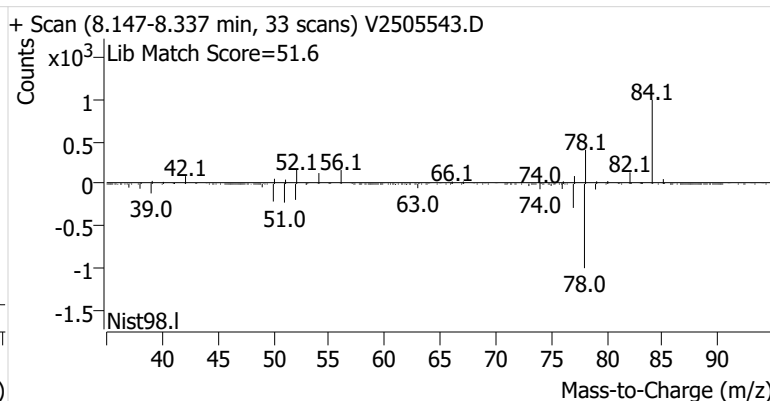
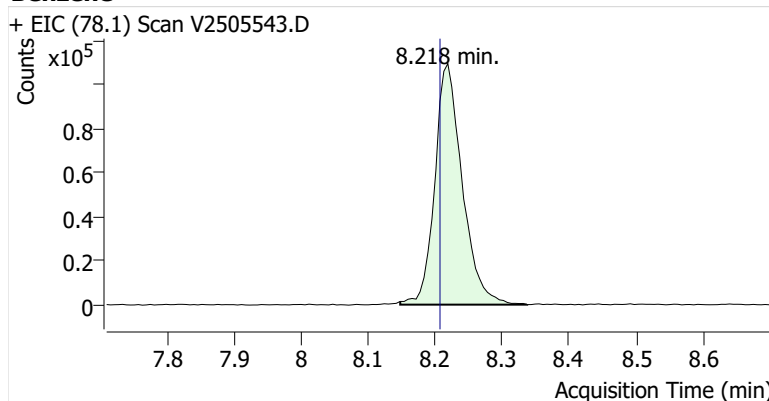
+ Scan (13.673-13.821 min, 26 scans) V2505542.D



Name IRVSEA-10-S-20250821
Comment C32827; Recollect
Data File V2505543.D
Acq. Date-Time 9/16/2025 4:30:32 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

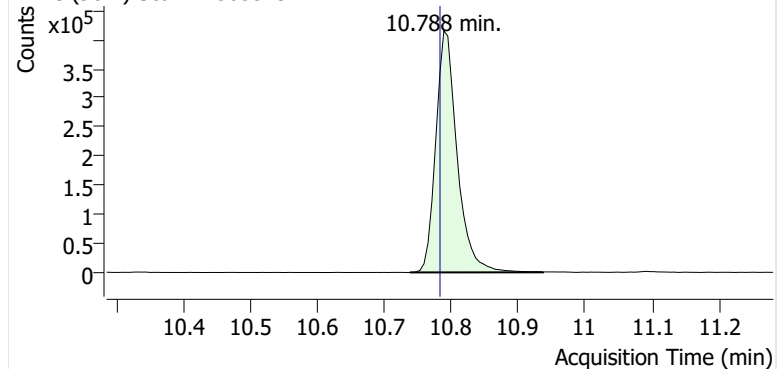
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	890,368	
Benzene	Benzene-d6 (IS)	8.218	8.207	311,469	
Toluene-d8 (IS)		10.788	10.783	922,401	
Toluene	Toluene-d8 (IS)	10.883	10.878	1,009,375	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.032	158,551	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	402,273	
o-Xylene	Toluene-d8 (IS)	13.709	13.703	148,402	

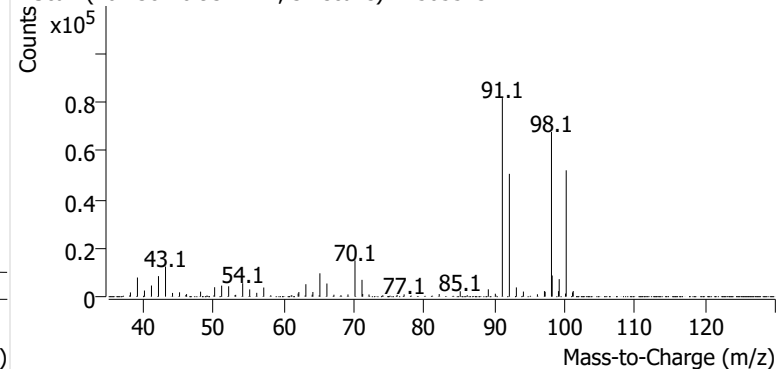
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

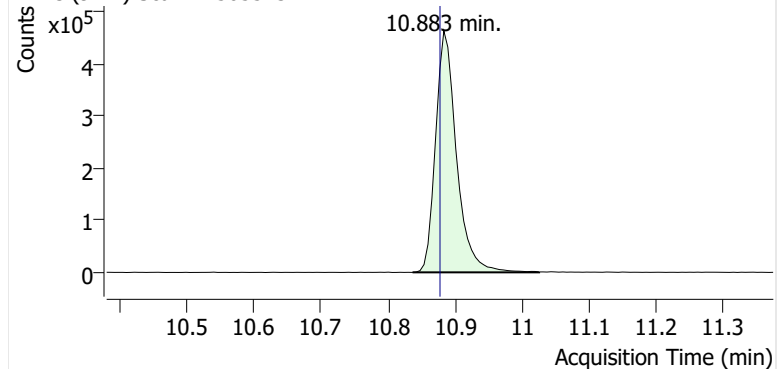
+ EIC (98.1) Scan V2505543.D



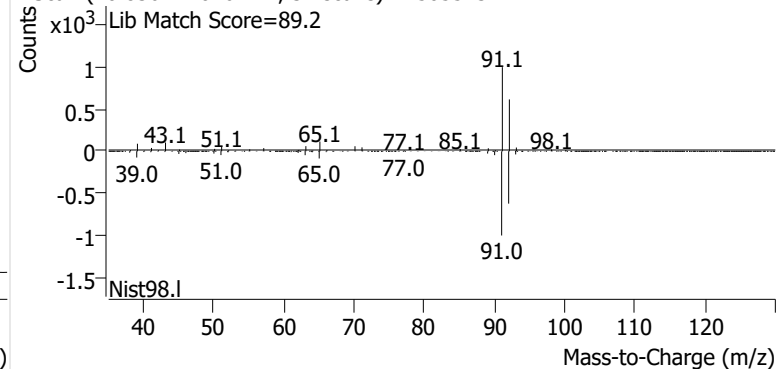
+ Scan (10.738-10.937 min, 34 scans) V2505543.D

**Toluene**

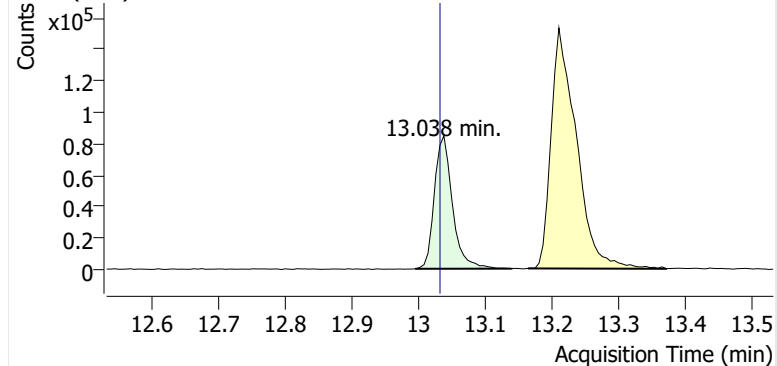
+ EIC (91.1) Scan V2505543.D



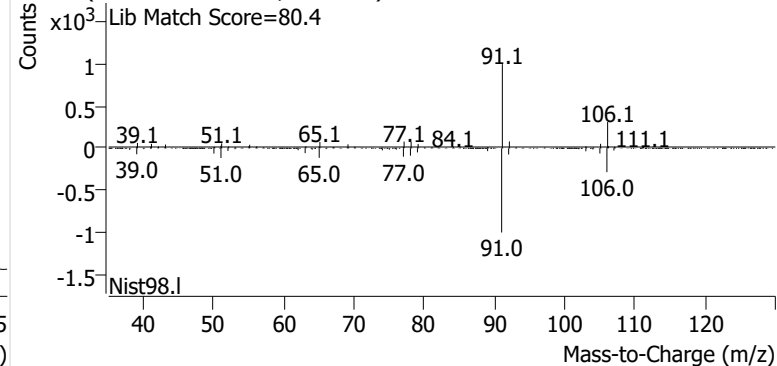
+ Scan (10.836-11.026 min, 32 scans) V2505543.D

**Ethylbenzene**

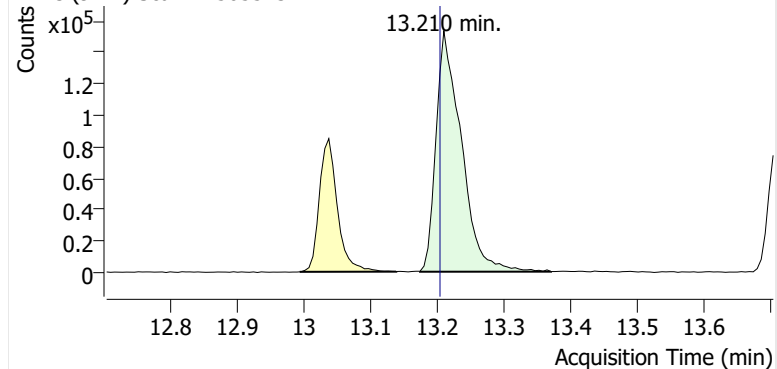
+ EIC (91.1) Scan V2505543.D



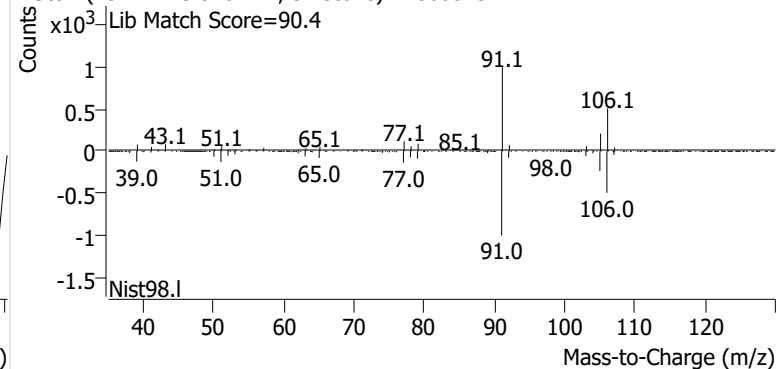
+ Scan (12.995-13.139 min, 25 scans) V2505543.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505543.D

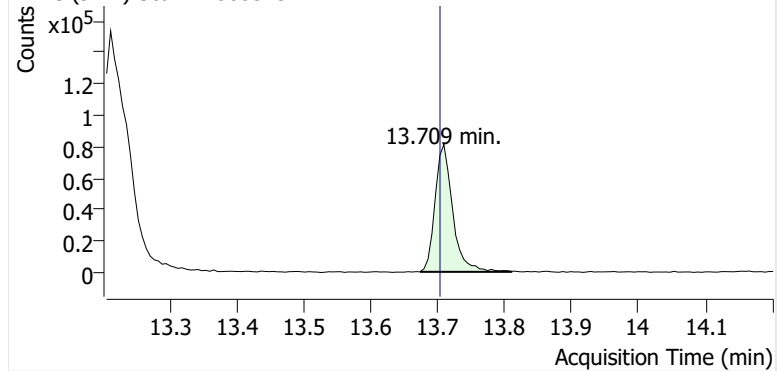


+ Scan (13.174-13.370 min, 34 scans) V2505543.D

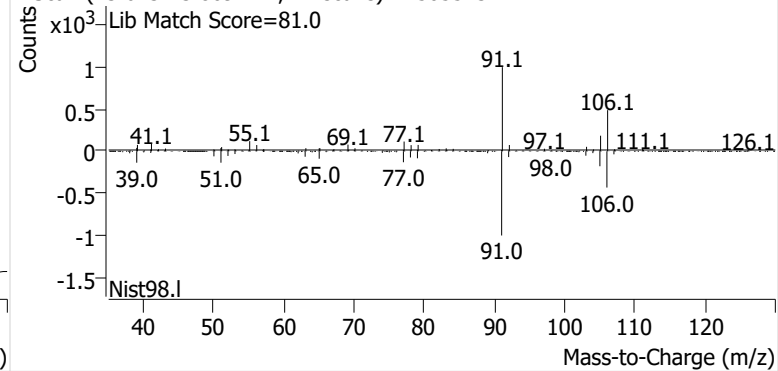


o-Xylene

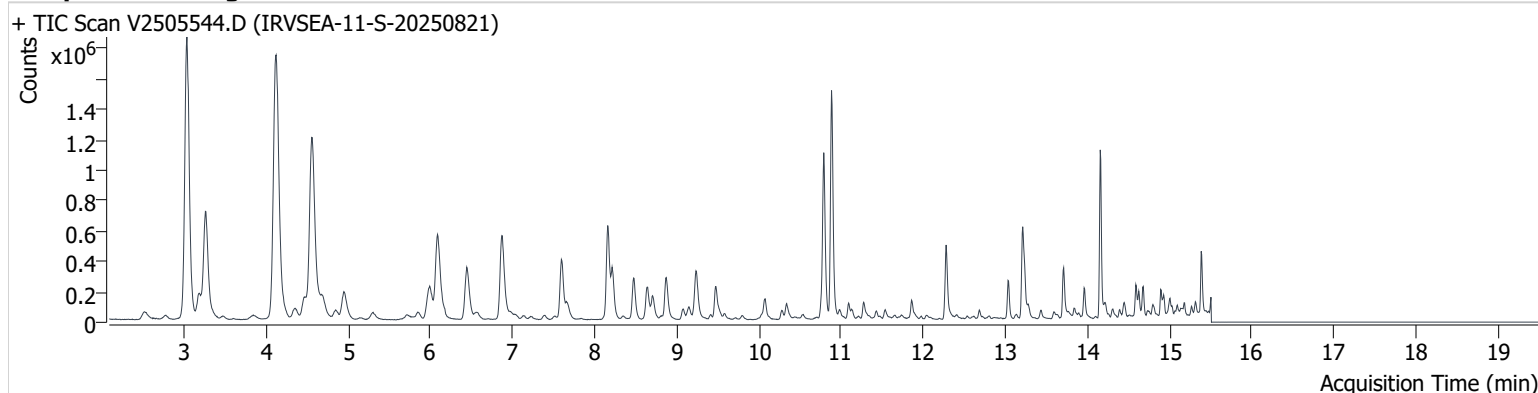
+ EIC (91.1) Scan V2505543.D



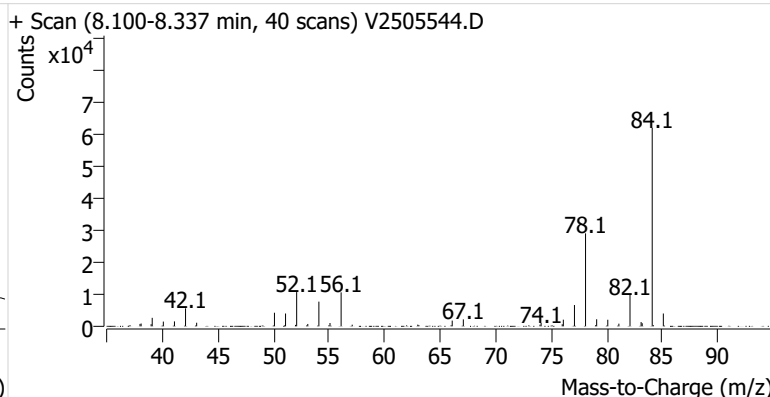
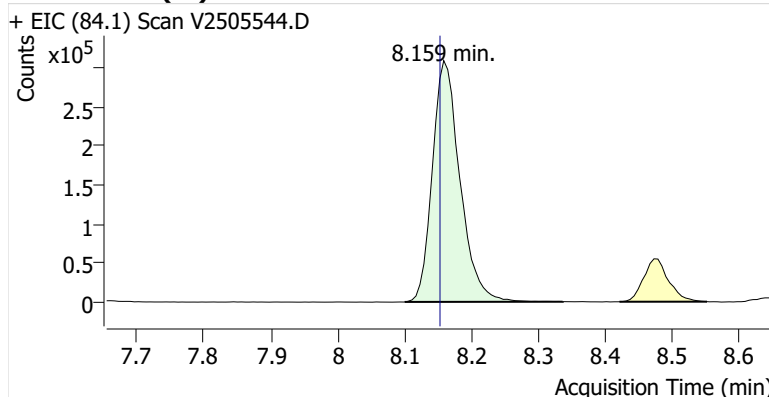
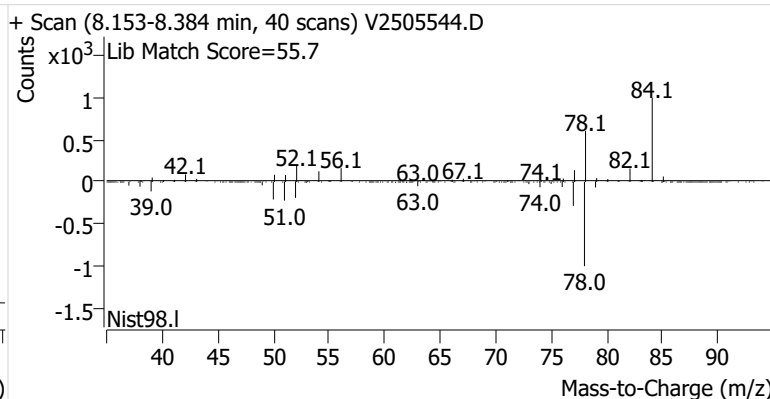
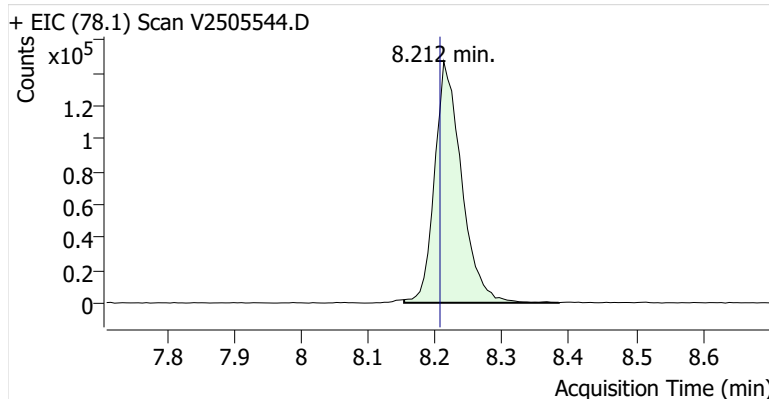
+ Scan (13.673-13.809 min, 24 scans) V2505543.D



Name IRVSEA-11-S-20250821
Comment C59994; Recollect
Data File V2505544.D
Acq. Date-Time 9/16/2025 5:07:55 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

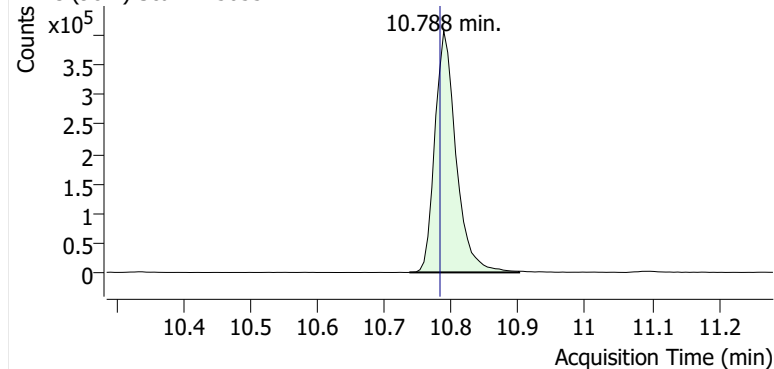
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	882,926	
Benzene	Benzene-d6 (IS)	8.212	8.207	410,051	
Toluene-d8 (IS)		10.788	10.783	896,415	
Toluene	Toluene-d8 (IS)	10.883	10.878	1,316,434	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	214,997	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	587,224	
o-Xylene	Toluene-d8 (IS)	13.708	13.703	229,399	

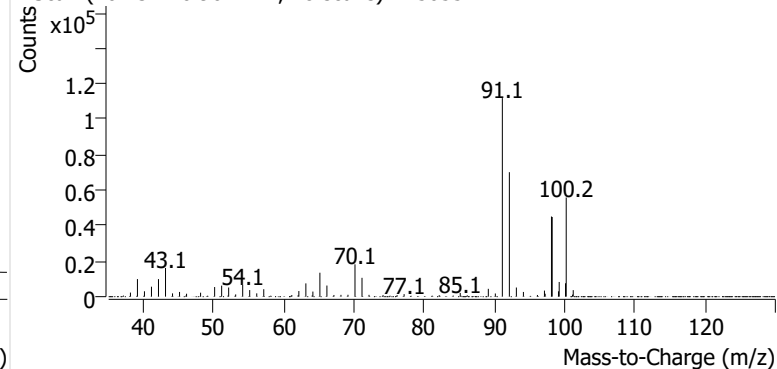
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

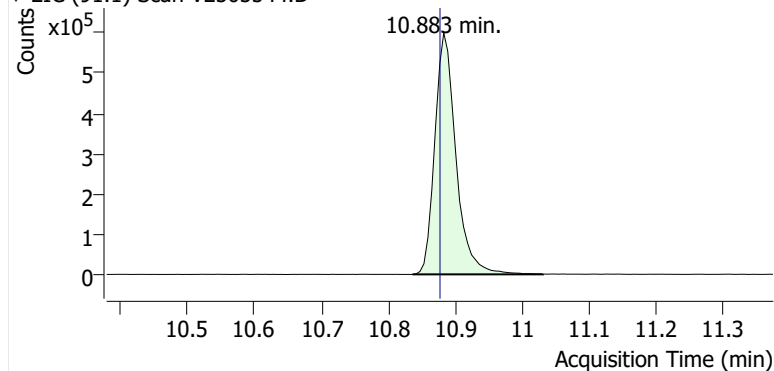
+ EIC (98.1) Scan V2505544.D



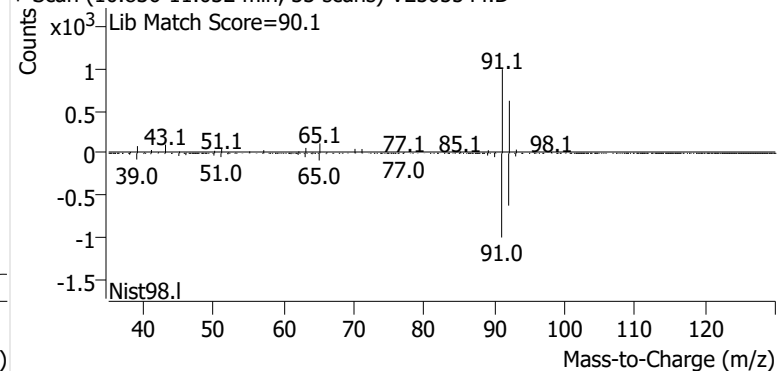
+ Scan (10.737-10.901 min, 28 scans) V2505544.D

**Toluene**

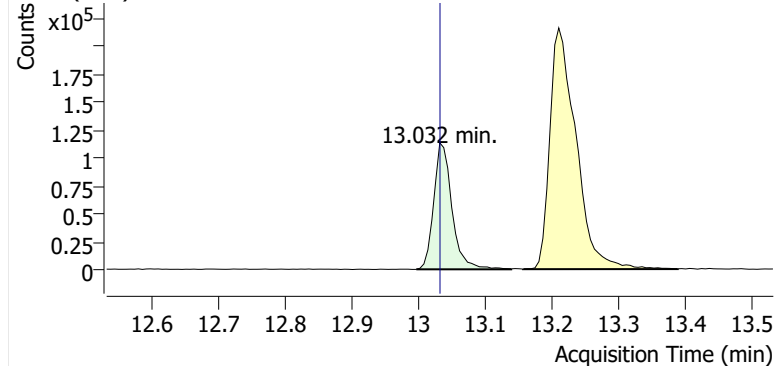
+ EIC (91.1) Scan V2505544.D



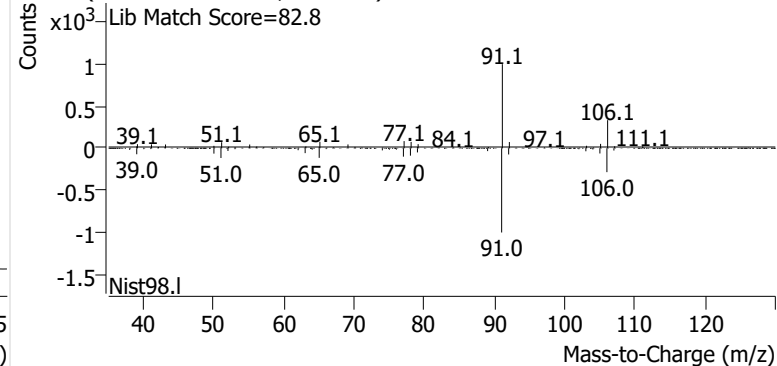
+ Scan (10.836-11.032 min, 33 scans) V2505544.D

**Ethylbenzene**

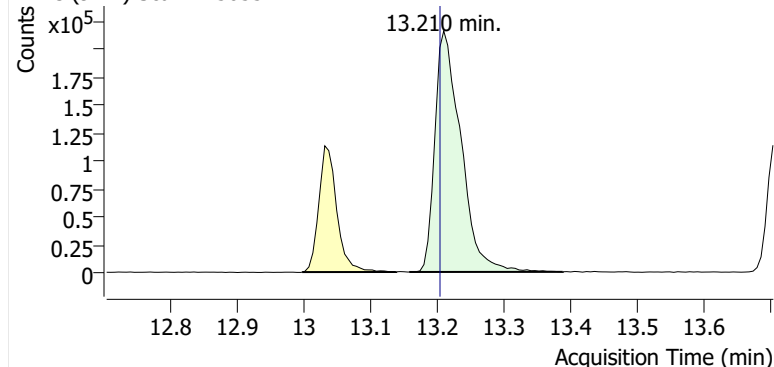
+ EIC (91.1) Scan V2505544.D



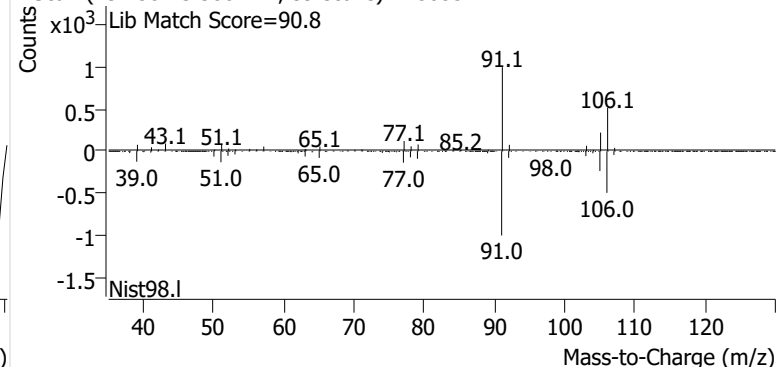
+ Scan (12.997-13.139 min, 24 scans) V2505544.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505544.D

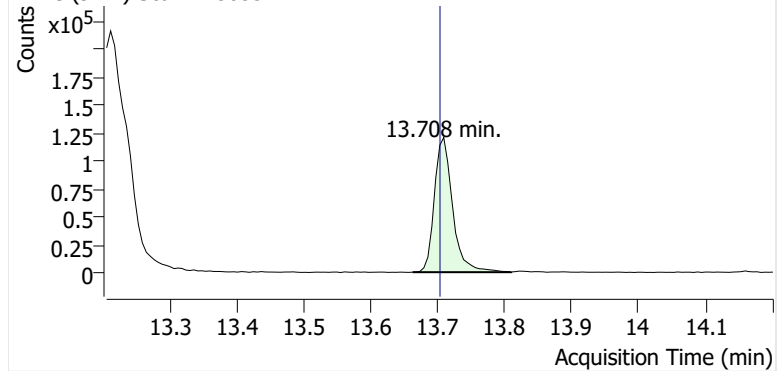


+ Scan (13.158-13.388 min, 39 scans) V2505544.D

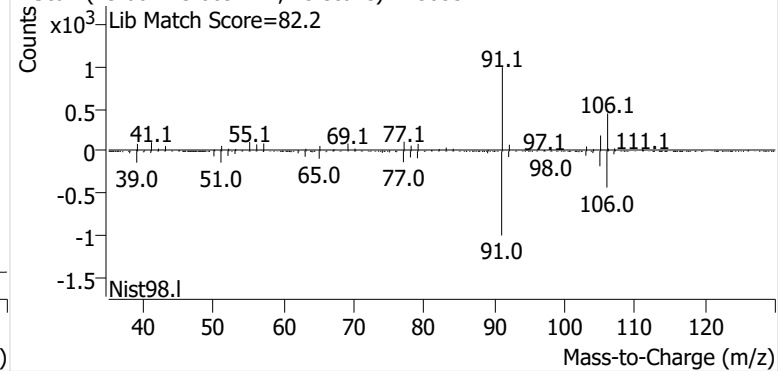


o-Xylene

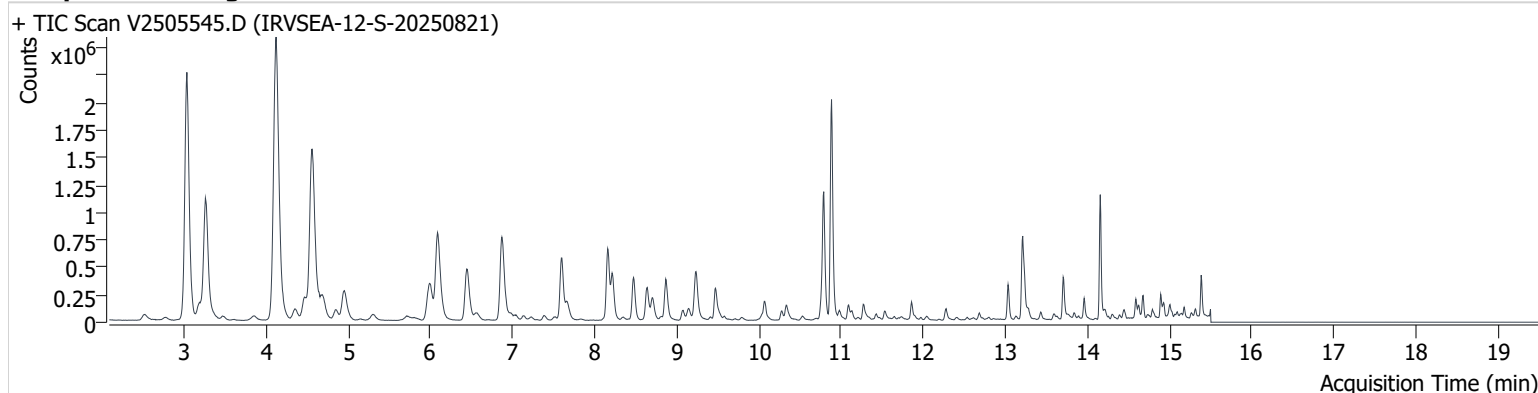
+ EIC (91.1) Scan V2505544.D



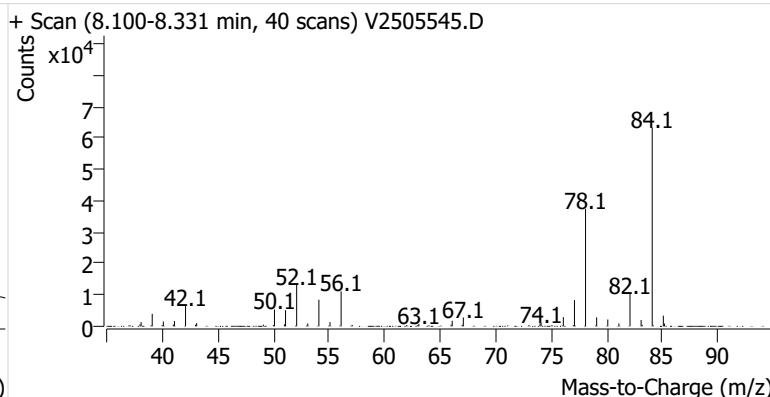
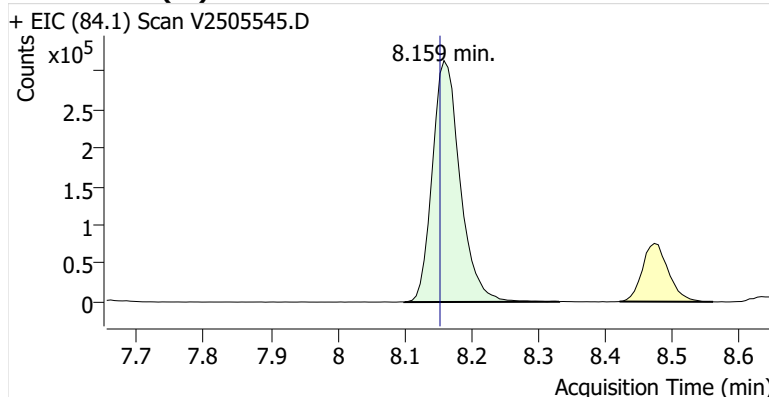
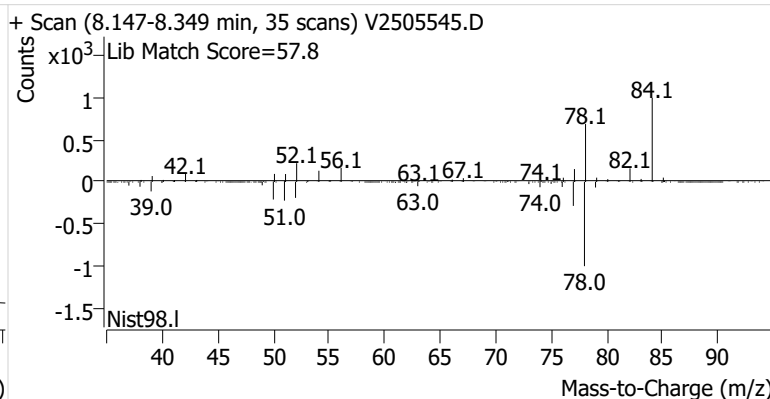
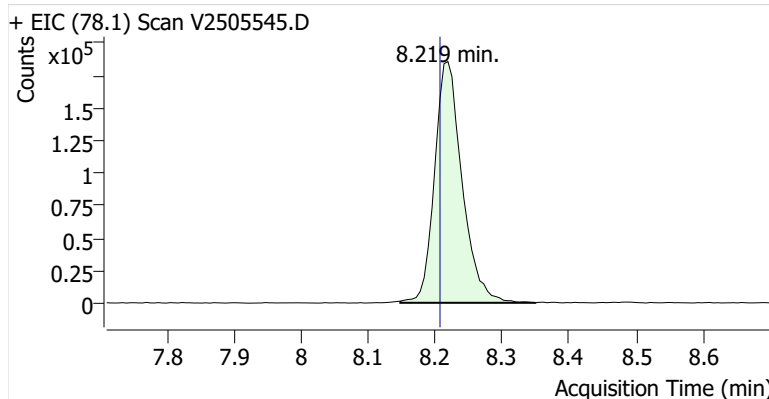
+ Scan (13.662-13.809 min, 25 scans) V2505544.D



Name IRVSEA-12-S-20250821
Comment C57558; Recollect
Data File V2505545.D
Acq. Date-Time 9/16/2025 5:45:15 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

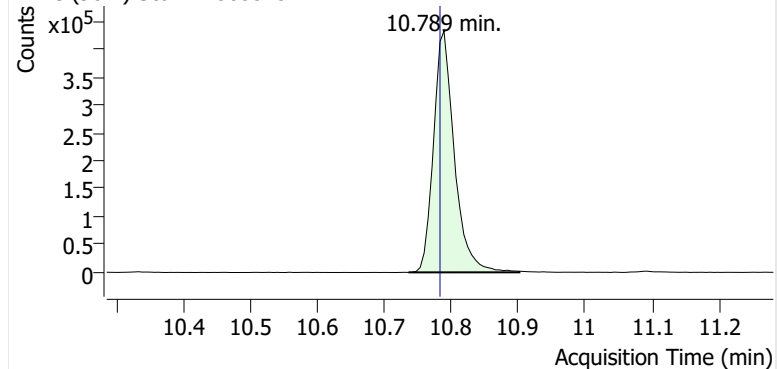
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	902,576	
Benzene	Benzene-d6 (IS)	8.219	8.207	531,343	
Toluene-d8 (IS)		10.789	10.783	934,879	
Toluene	Toluene-d8 (IS)	10.884	10.878	1,701,710	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	263,061	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	710,053	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	260,109	

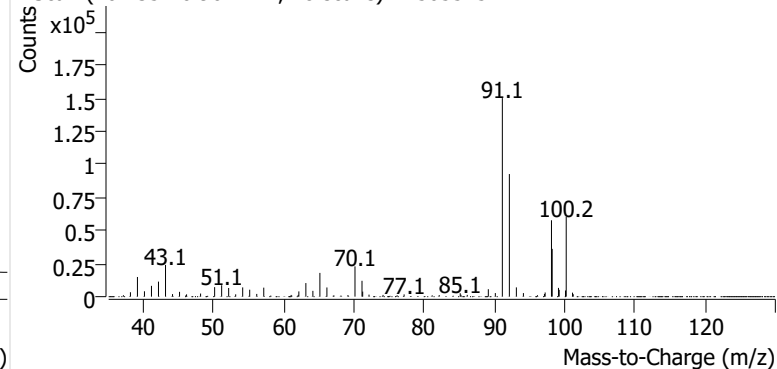
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

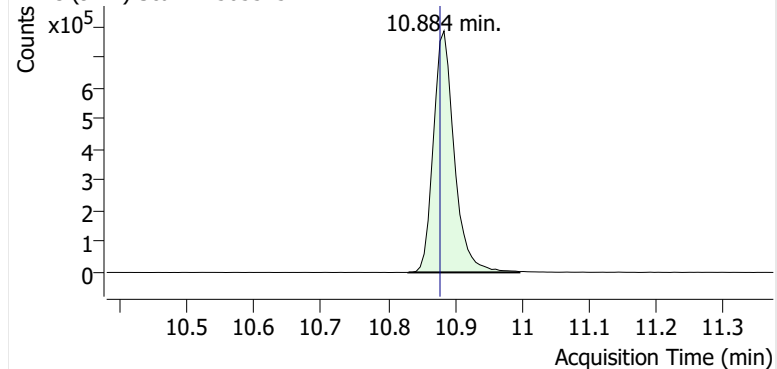
+ EIC (98.1) Scan V2505545.D



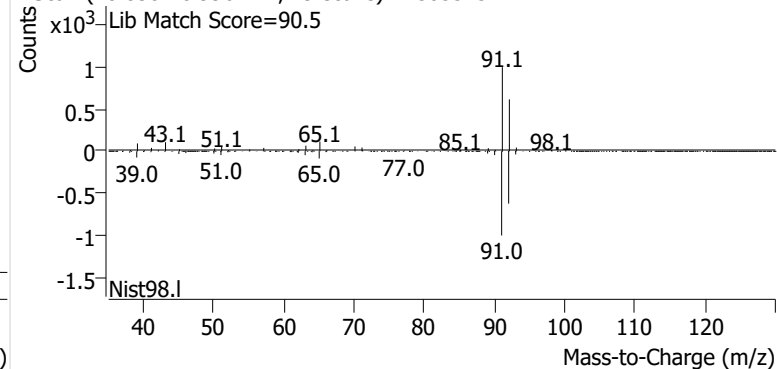
+ Scan (10.735-10.901 min, 28 scans) V2505545.D

**Toluene**

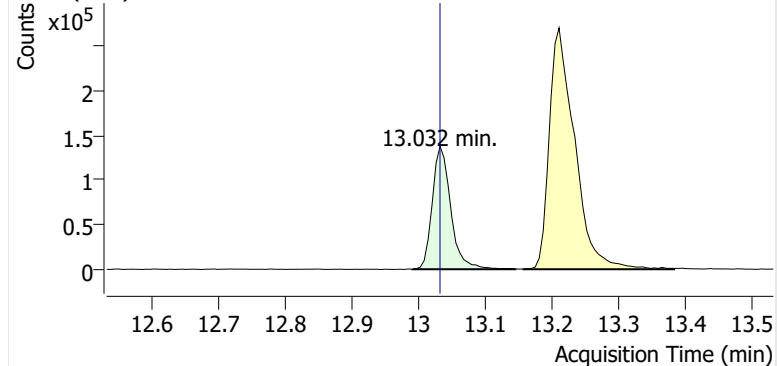
+ EIC (91.1) Scan V2505545.D



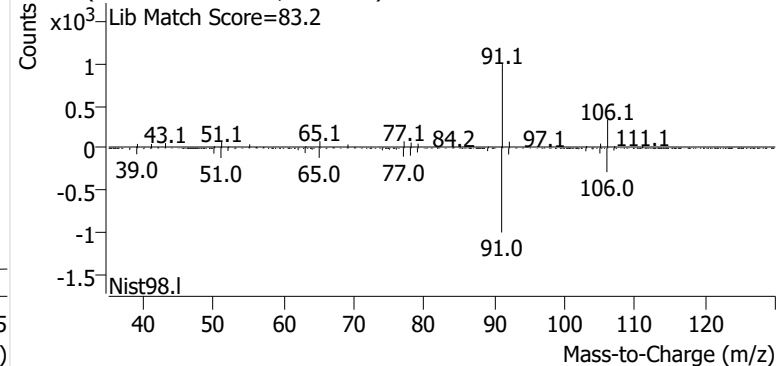
+ Scan (10.830-10.996 min, 29 scans) V2505545.D

**Ethylbenzene**

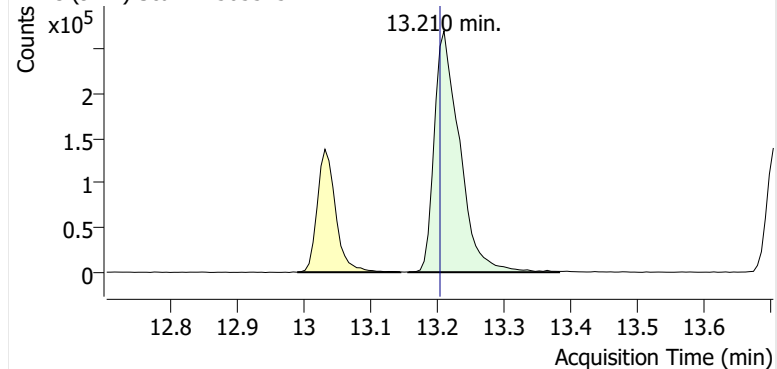
+ EIC (91.1) Scan V2505545.D



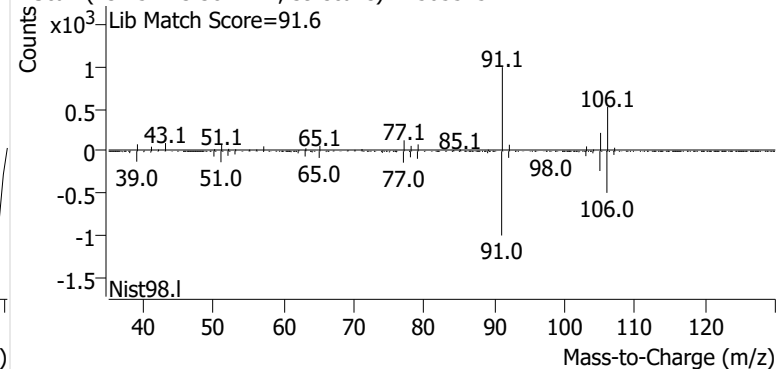
+ Scan (12.991-13.145 min, 27 scans) V2505545.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505545.D

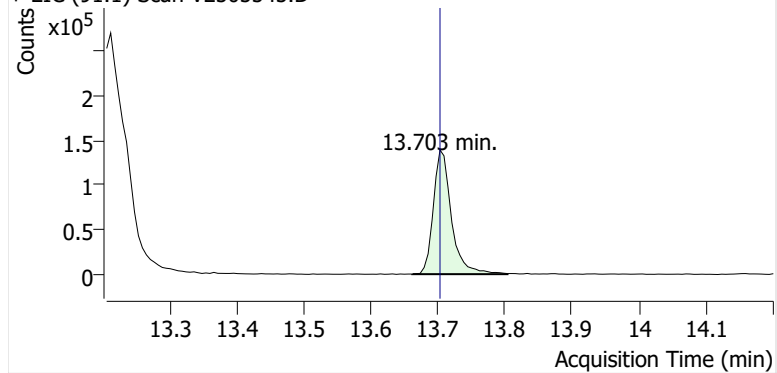


+ Scan (13.157-13.382 min, 39 scans) V2505545.D

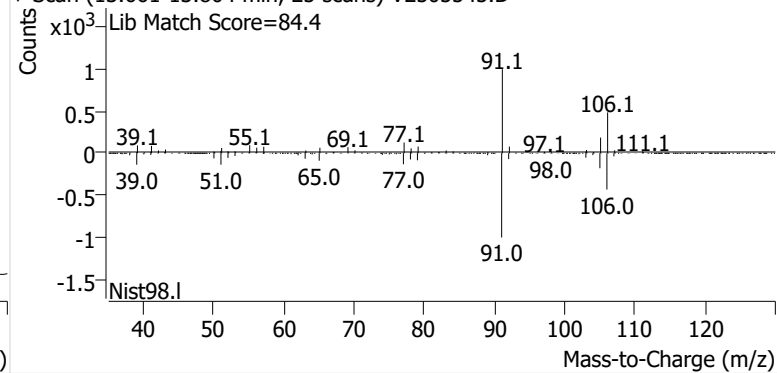


o-Xylene

+ EIC (91.1) Scan V2505545.D

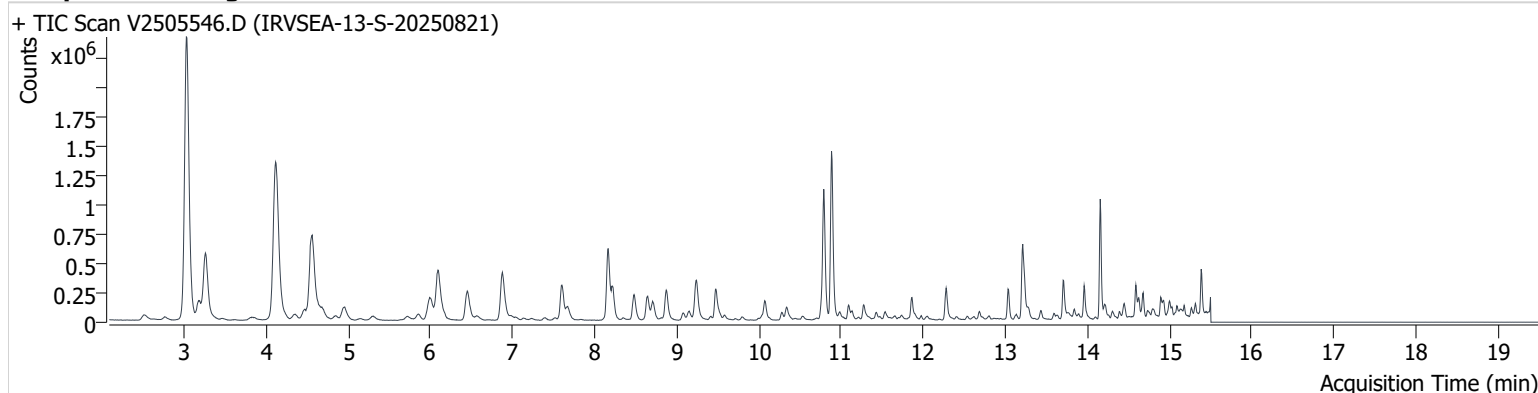


+ Scan (13.661-13.804 min, 25 scans) V2505545.D



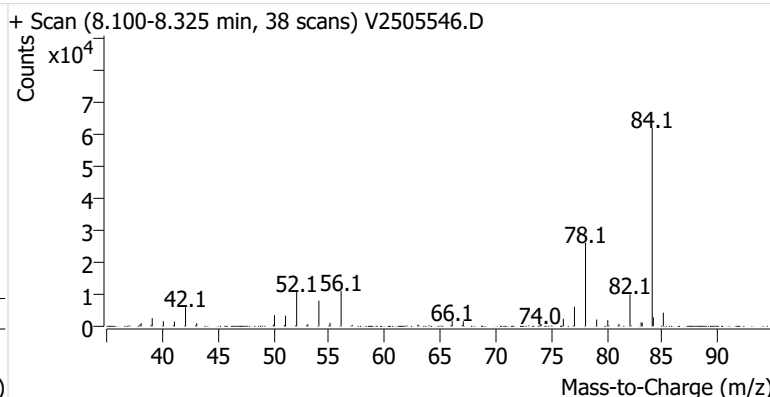
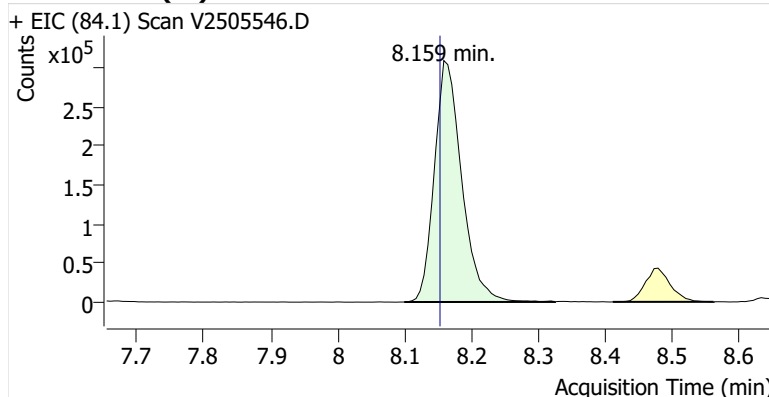
Name IRVSEA-13-S-20250821
Comment C70835; Recollect
Data File V2505546.D
Acq. Date-Time 9/16/2025 6:22:39 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

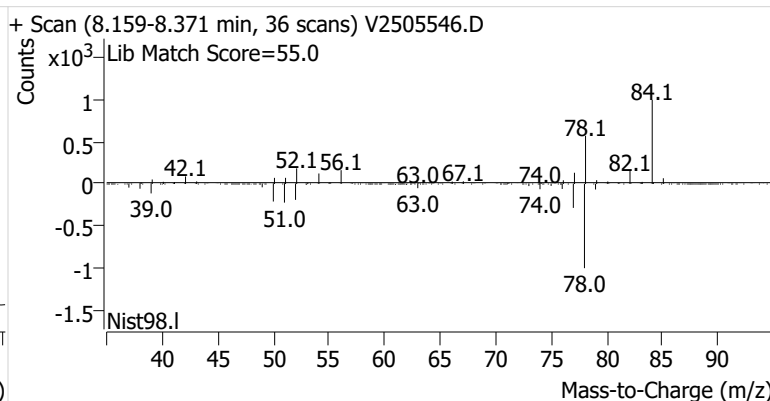
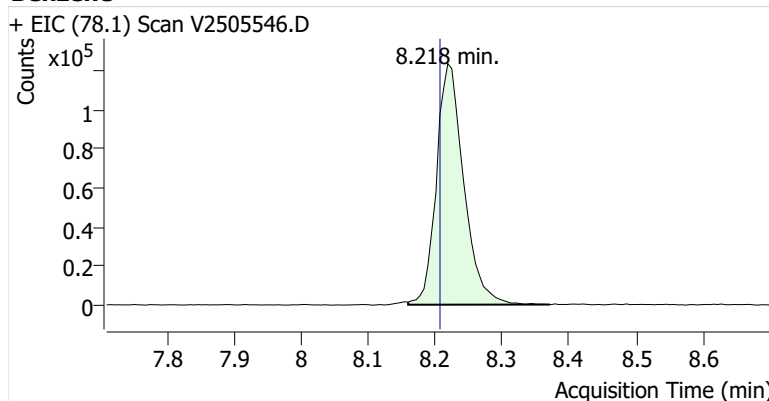


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	877,882	
Benzene	Benzene-d6 (IS)	8.218	8.207	350,695	
Toluene-d8 (IS)		10.788	10.783	908,876	
Toluene	Toluene-d8 (IS)	10.883	10.878	1,237,586	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	218,172	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	603,673	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	218,887	

Benzene-d6 (IS)

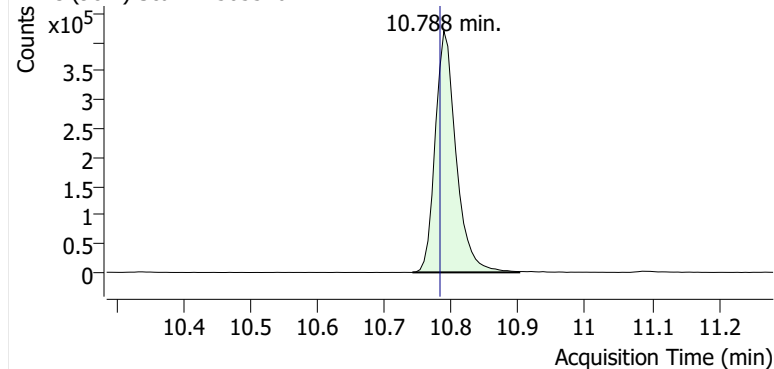


Benzene

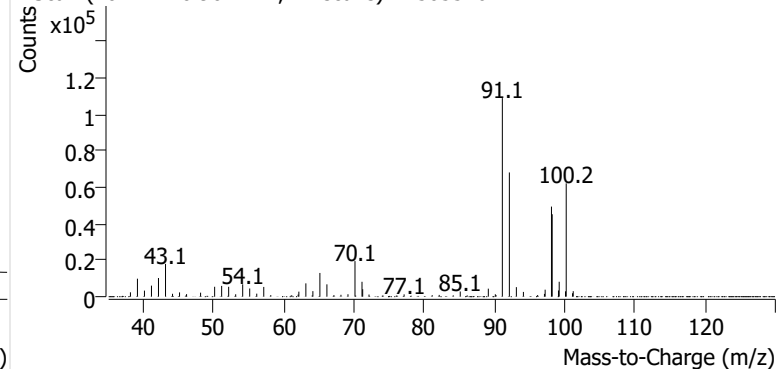


Toluene-d8 (IS)

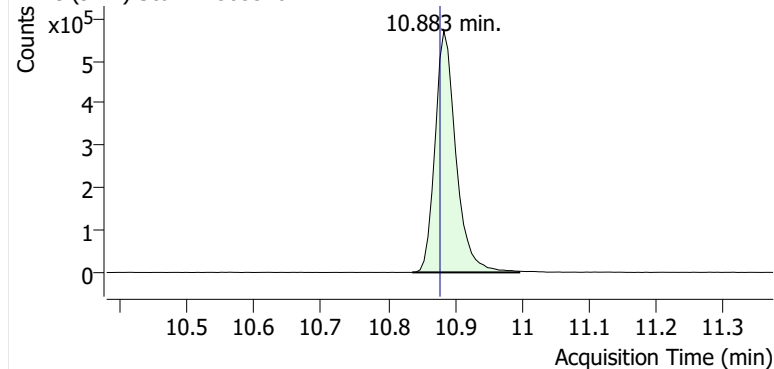
+ EIC (98.1) Scan V2505546.D



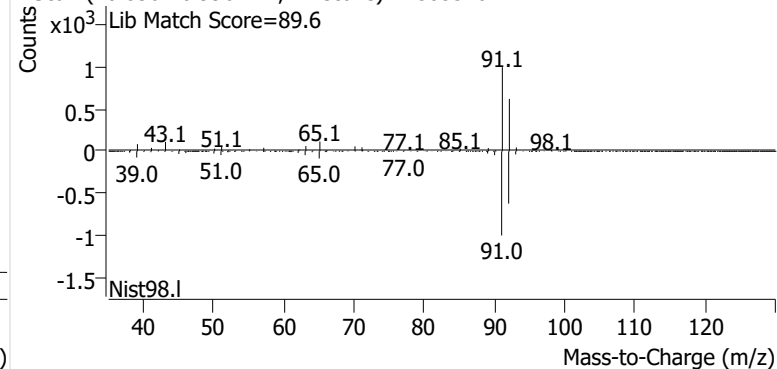
+ Scan (10.741-10.901 min, 27 scans) V2505546.D

**Toluene**

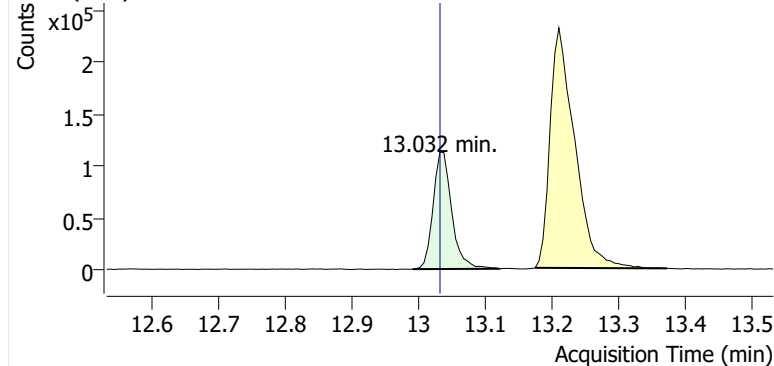
+ EIC (91.1) Scan V2505546.D



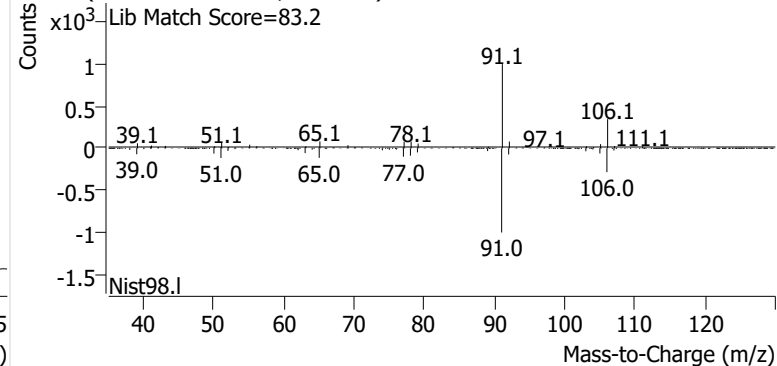
+ Scan (10.836-10.996 min, 27 scans) V2505546.D

**Ethylbenzene**

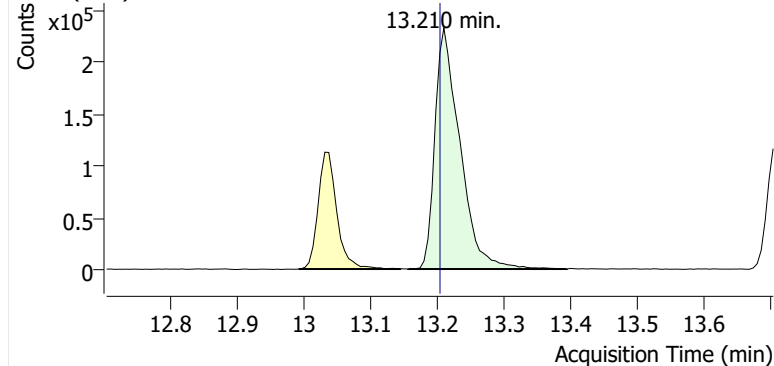
+ EIC (91.1) Scan V2505546.D



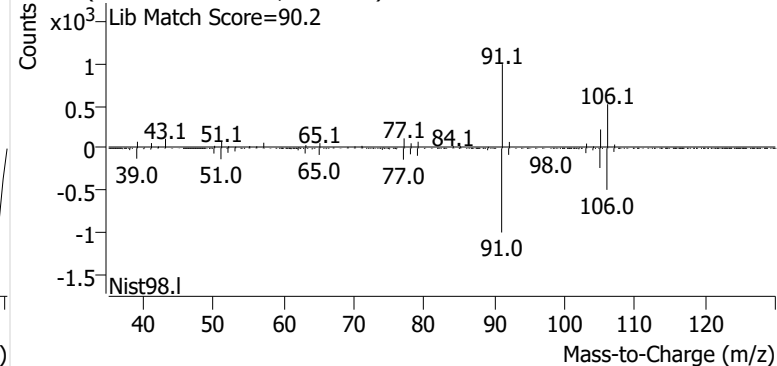
+ Scan (12.991-13.121 min, 22 scans) V2505546.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505546.D

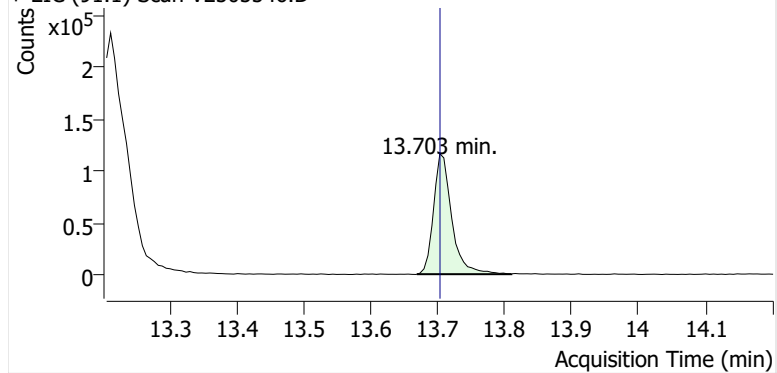


+ Scan (13.157-13.394 min, 41 scans) V2505546.D

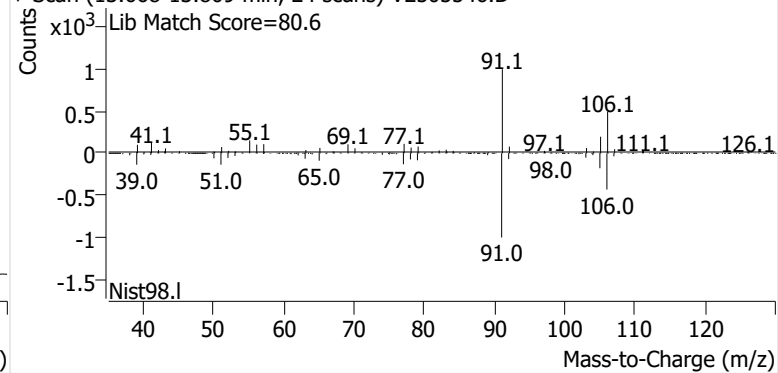


o-Xylene

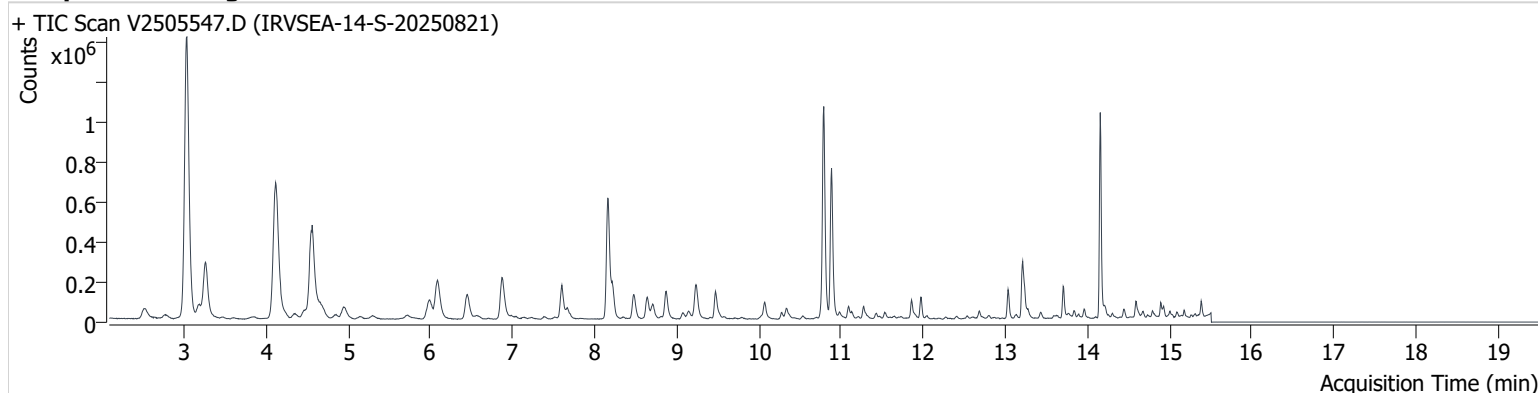
+ EIC (91.1) Scan V2505546.D



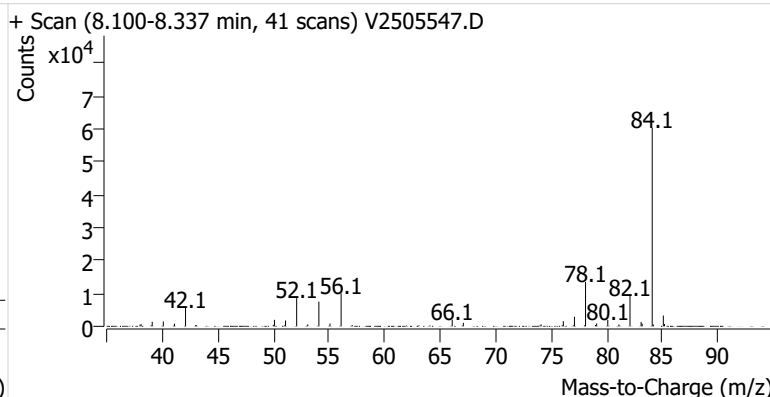
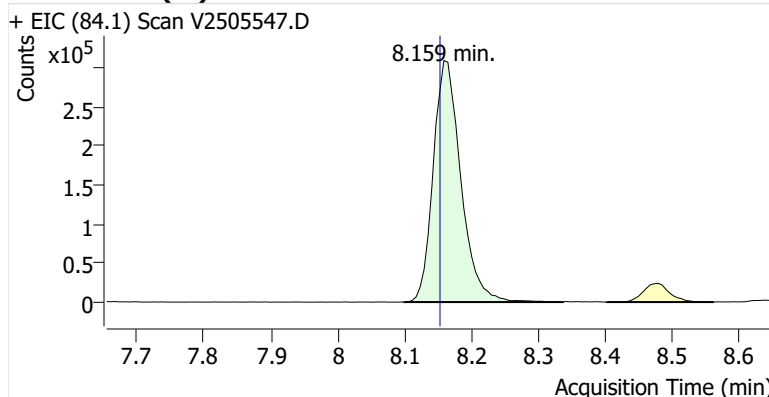
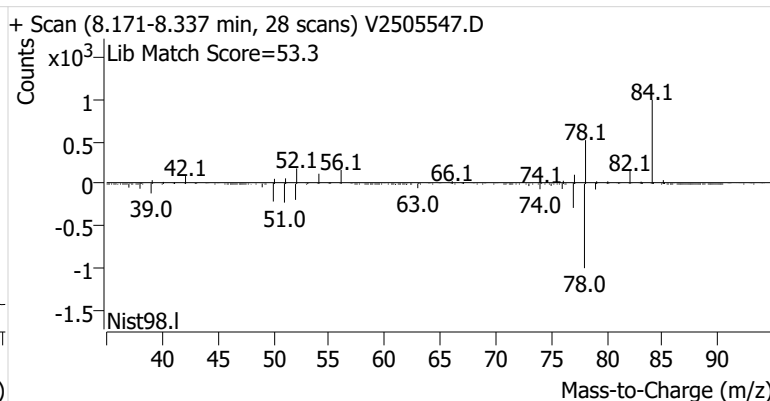
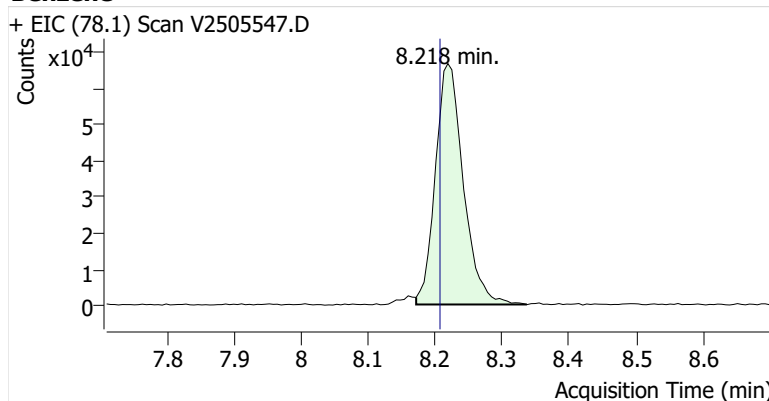
+ Scan (13.668-13.809 min, 24 scans) V2505546.D



Name IRVSEA-14-S-20250821
Comment C38594; Recollect
Data File V2505547.D
Acq. Date-Time 9/16/2025 7:00:00 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

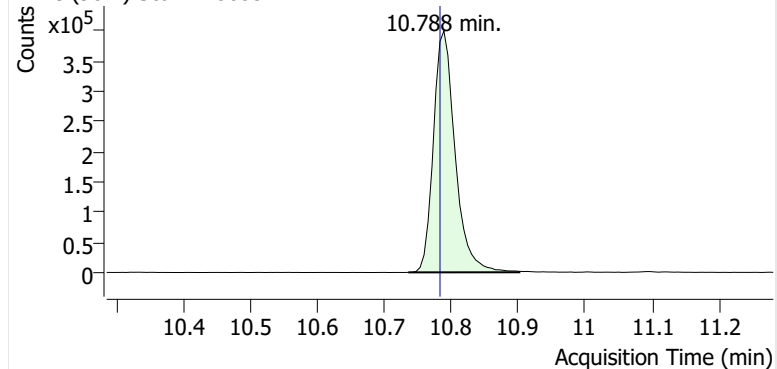
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	888,625	
Benzene	Benzene-d6 (IS)	8.218	8.207	193,638	
Toluene-d8 (IS)		10.788	10.783	900,947	
Toluene	Toluene-d8 (IS)	10.883	10.878	650,141	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	117,609	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	272,687	
o-Xylene	Toluene-d8 (IS)	13.703	13.703	103,685	

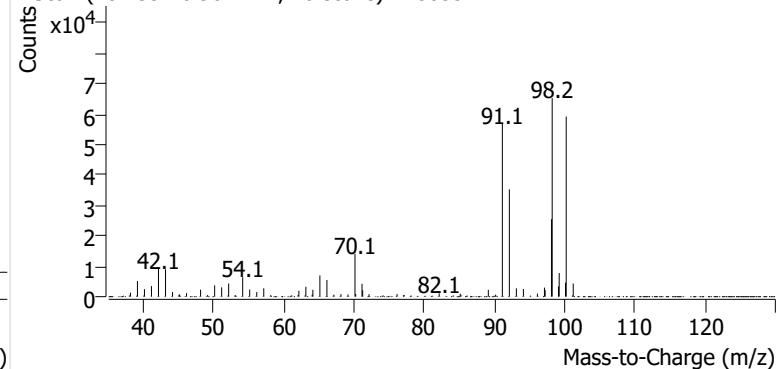
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

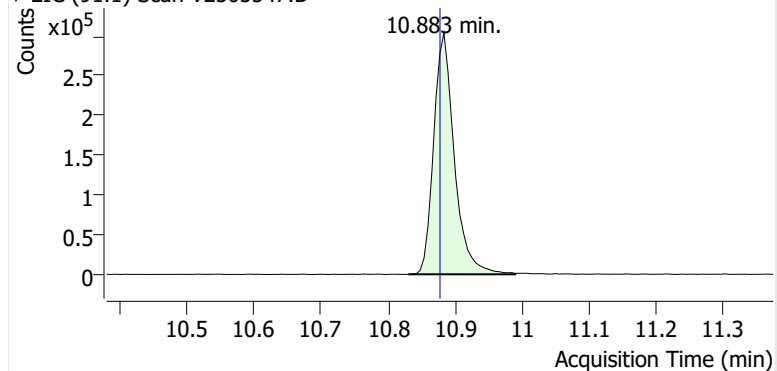
+ EIC (98.1) Scan V2505547.D



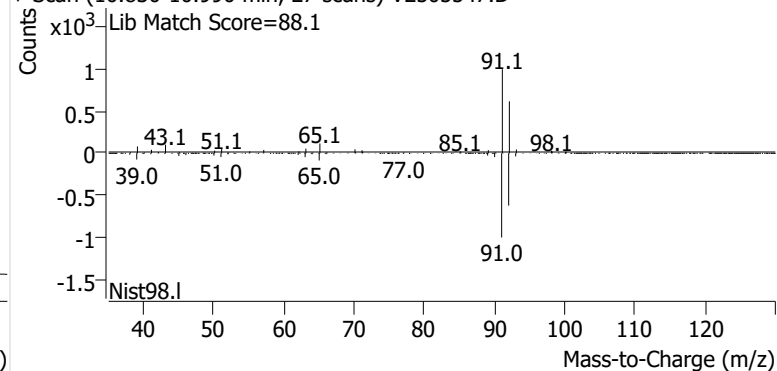
+ Scan (10.735-10.901 min, 28 scans) V2505547.D

**Toluene**

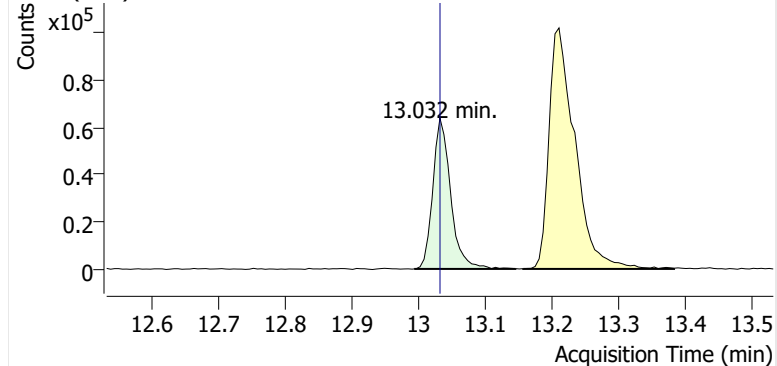
+ EIC (91.1) Scan V2505547.D



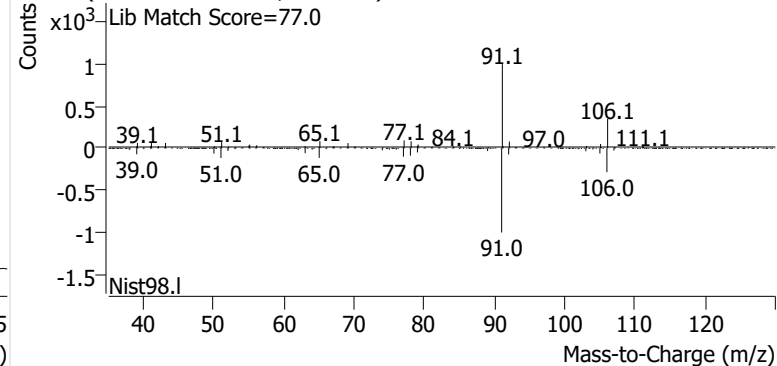
+ Scan (10.830-10.990 min, 27 scans) V2505547.D

**Ethylbenzene**

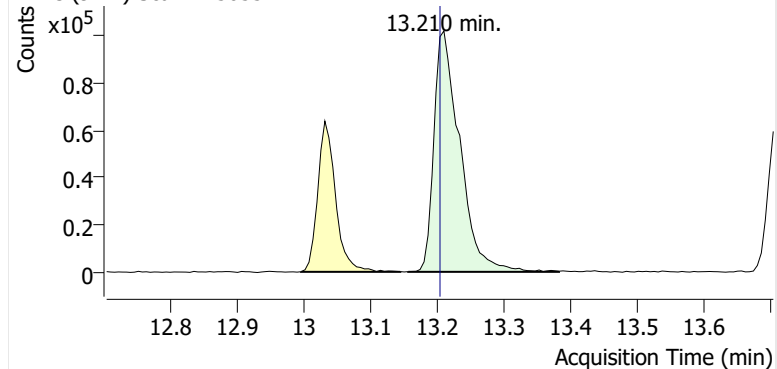
+ EIC (91.1) Scan V2505547.D



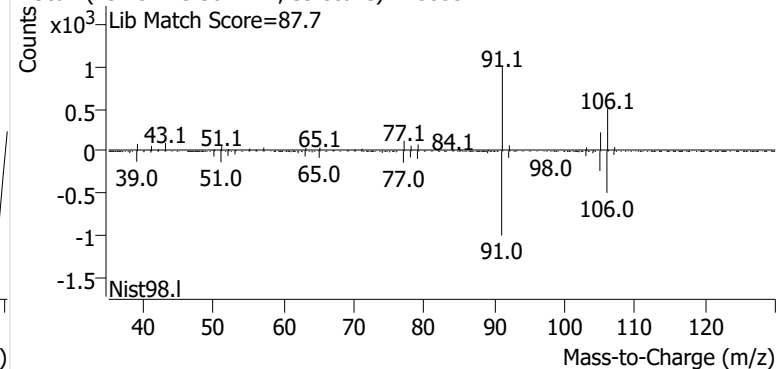
+ Scan (12.994-13.145 min, 26 scans) V2505547.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505547.D

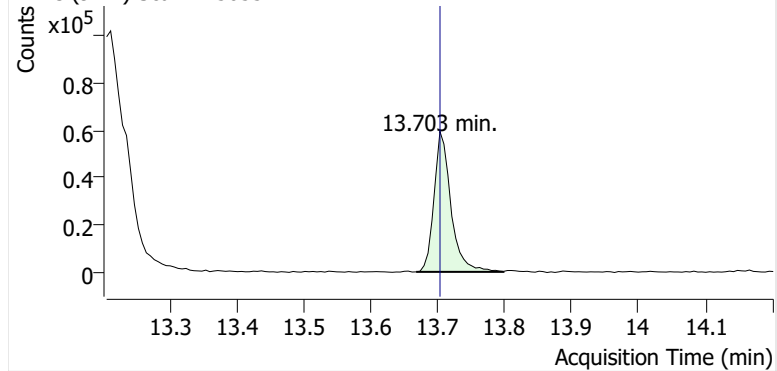


+ Scan (13.157-13.382 min, 39 scans) V2505547.D

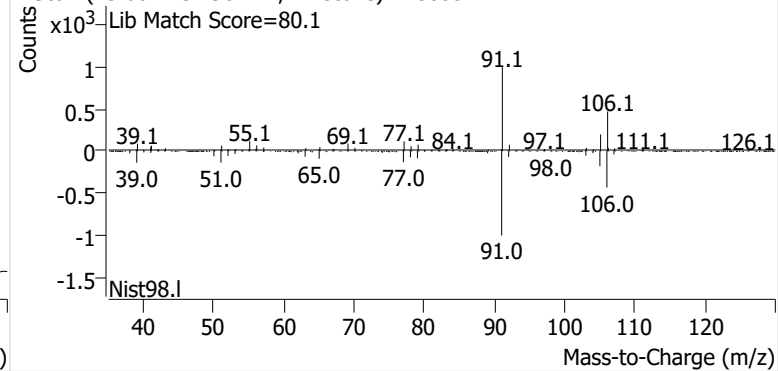


o-Xylene

+ EIC (91.1) Scan V2505547.D

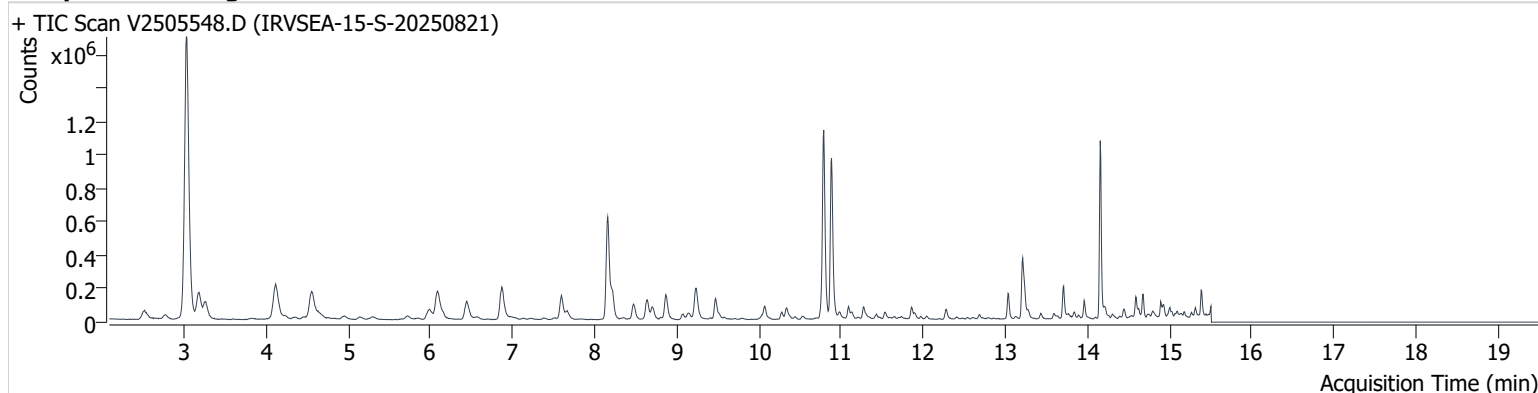


+ Scan (13.667-13.798 min, 22 scans) V2505547.D



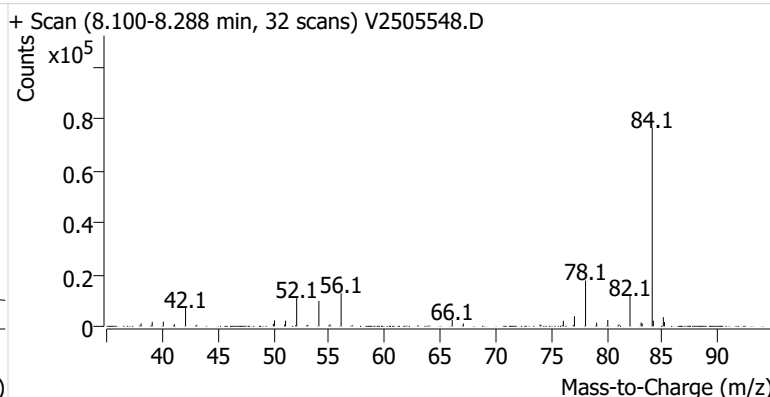
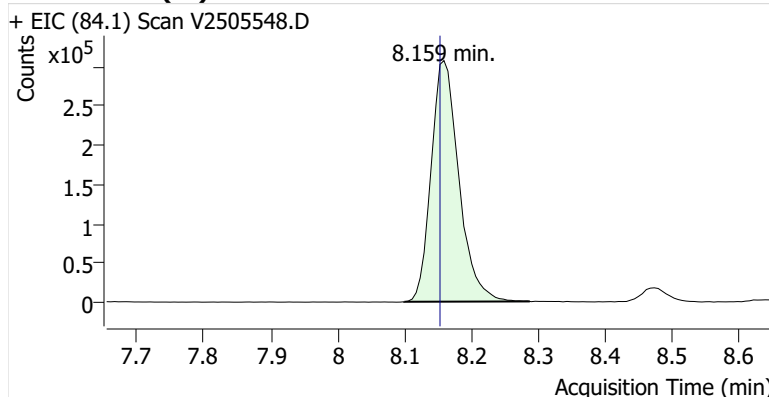
Name IRVSEA-15-S-20250821
Comment C59929; Recollect
Data File V2505548.D
Acq. Date-Time 9/16/2025 7:37:23 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

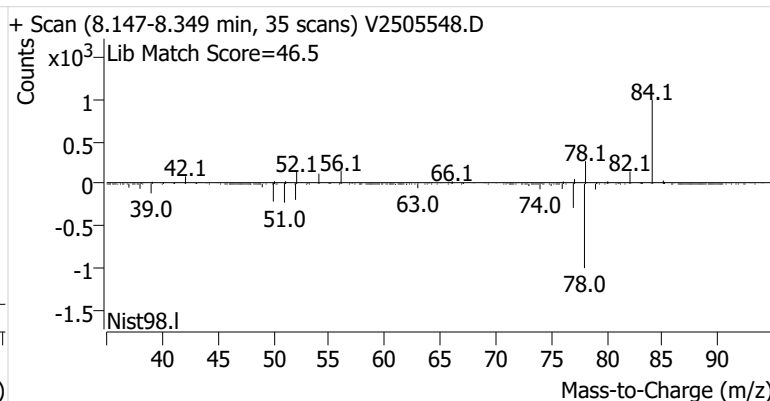
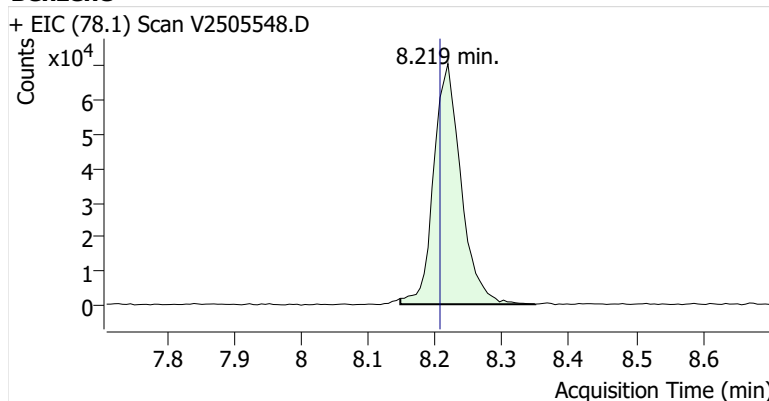


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	886,830	
Benzene	Benzene-d6 (IS)	8.219	8.207	200,831	
Toluene-d8 (IS)		10.789	10.783	930,672	
Toluene	Toluene-d8 (IS)	10.878	10.878	820,737	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	125,202	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	347,948	
o-Xylene	Toluene-d8 (IS)	13.709	13.703	129,197	

Benzene-d6 (IS)

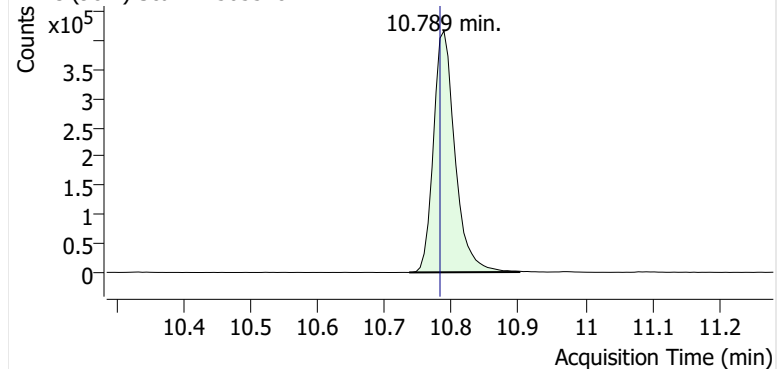


Benzene

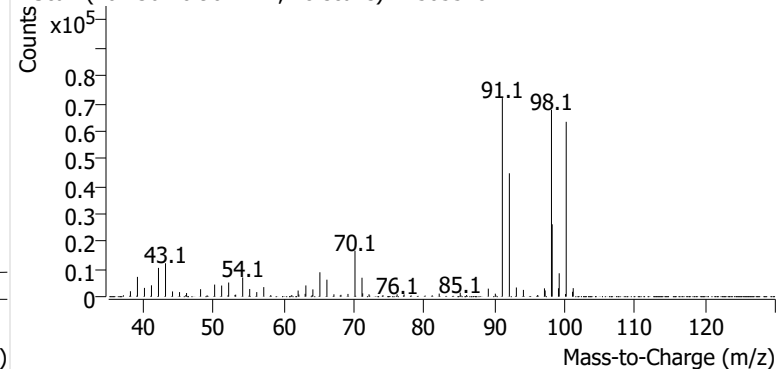


Toluene-d8 (IS)

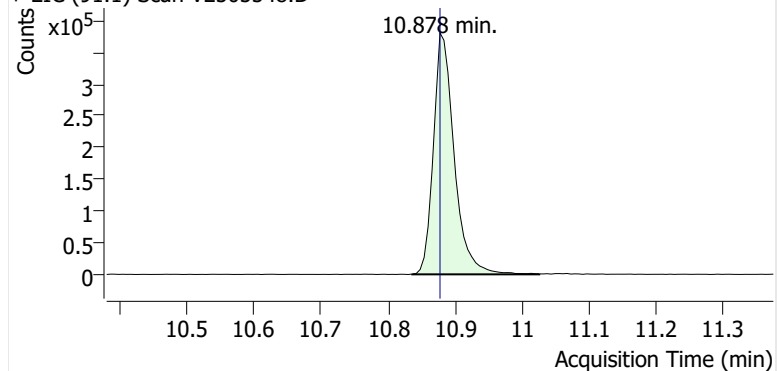
+ EIC (98.1) Scan V2505548.D



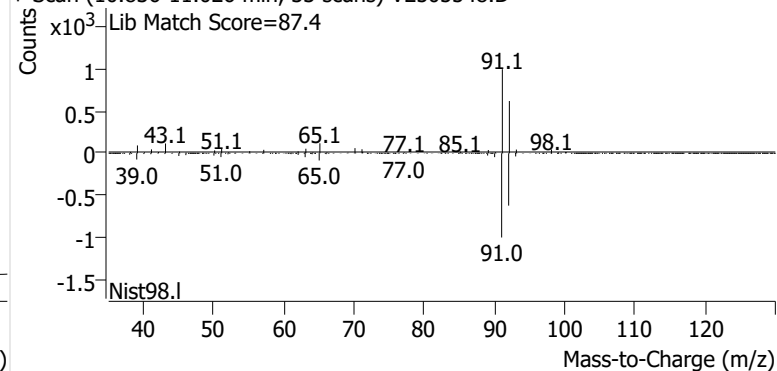
+ Scan (10.736-10.901 min, 28 scans) V2505548.D

**Toluene**

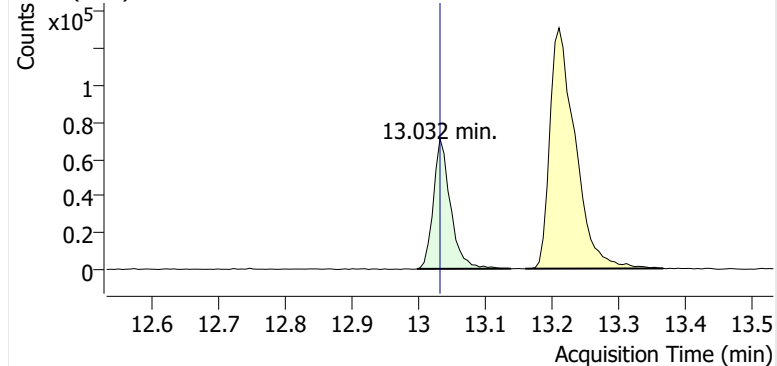
+ EIC (91.1) Scan V2505548.D



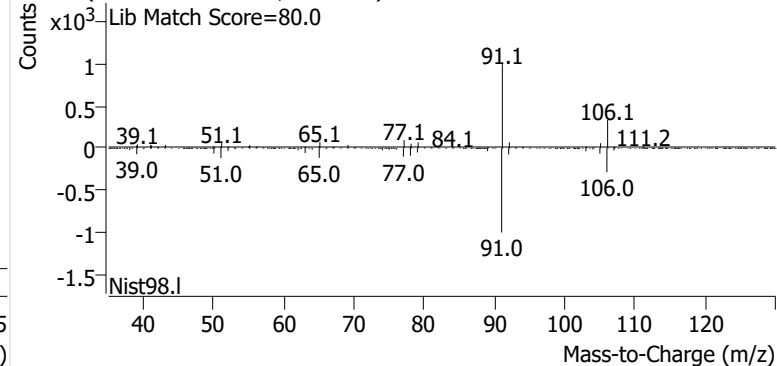
+ Scan (10.836-11.026 min, 33 scans) V2505548.D

**Ethylbenzene**

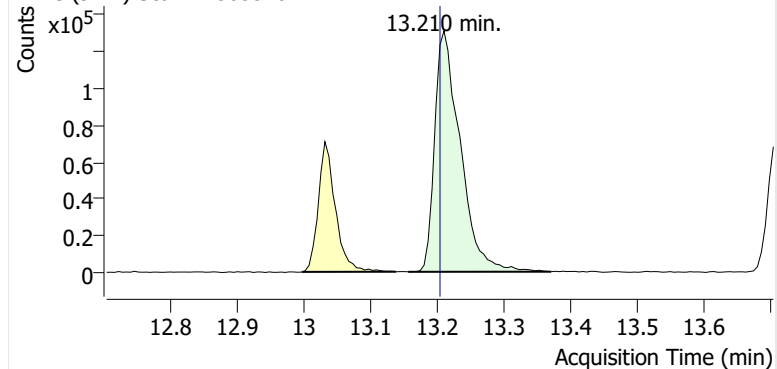
+ EIC (91.1) Scan V2505548.D



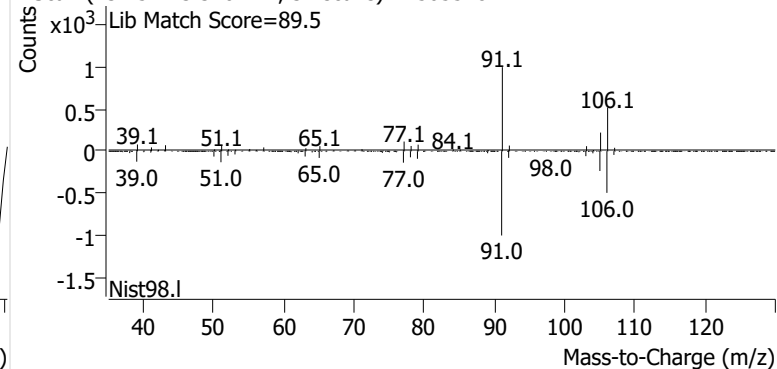
+ Scan (12.998-13.138 min, 23 scans) V2505548.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505548.D

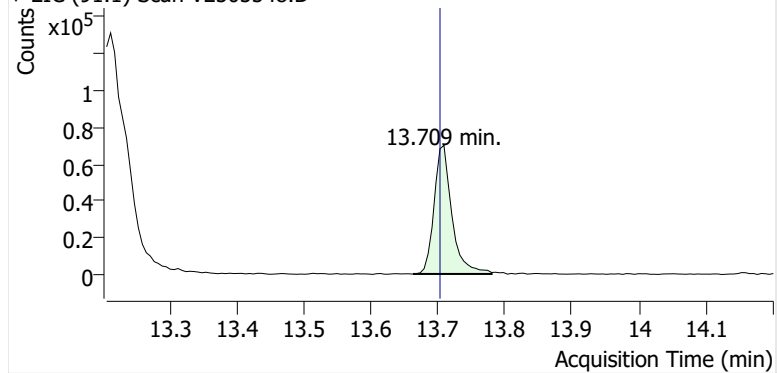


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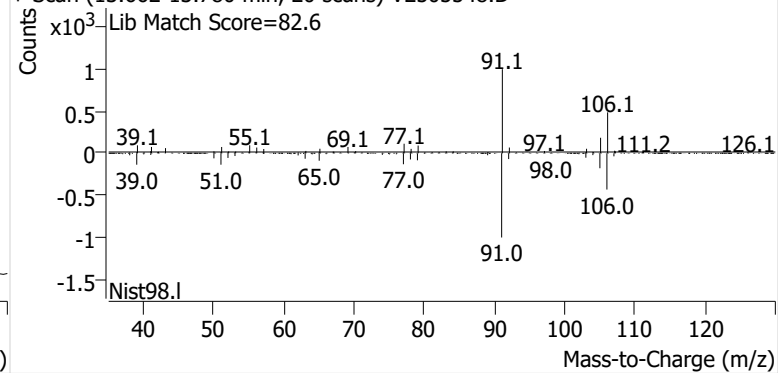


o-Xylene

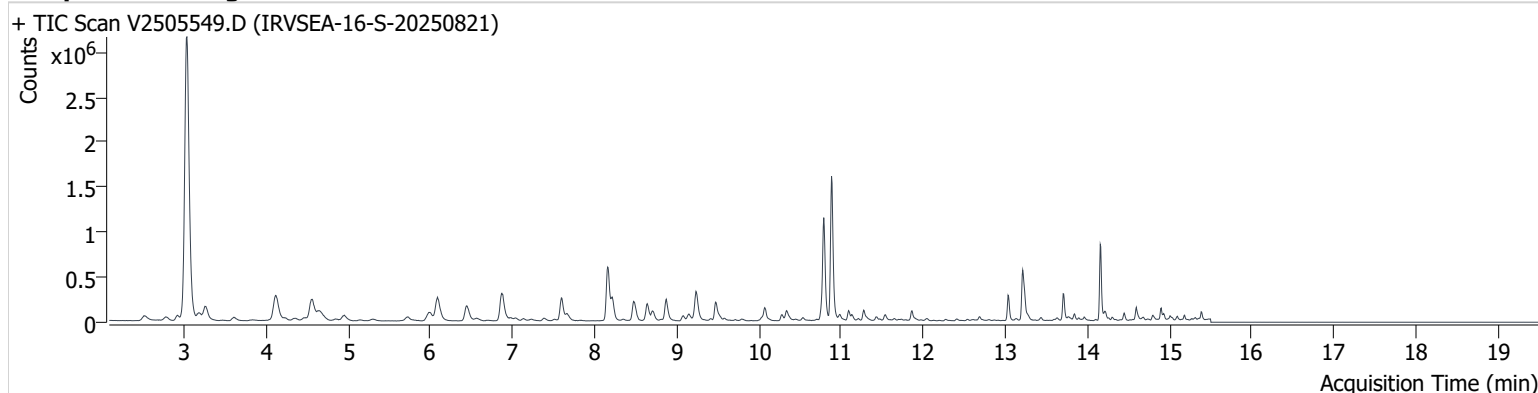
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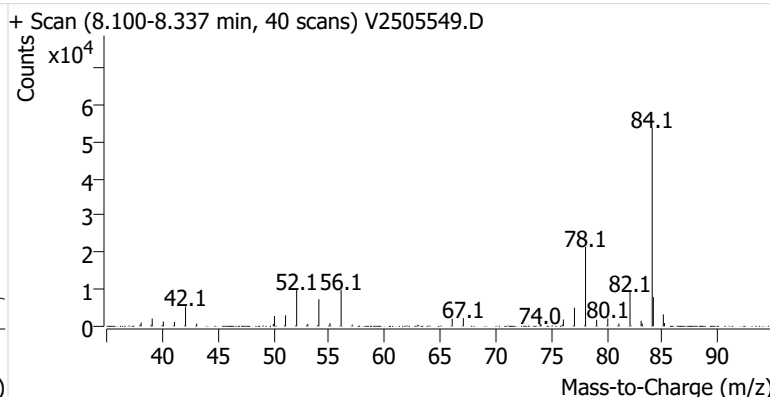
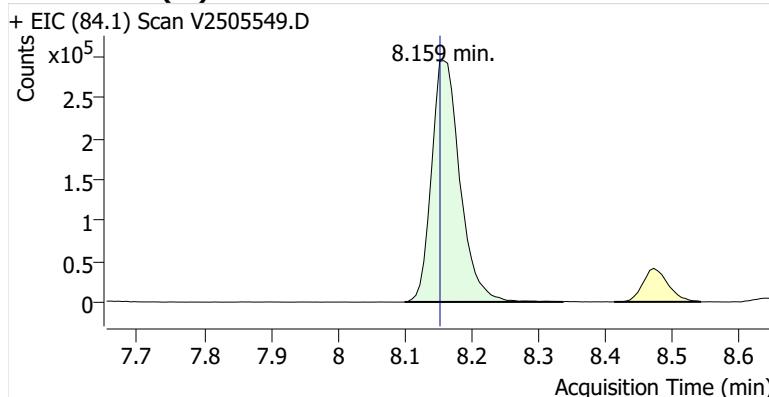
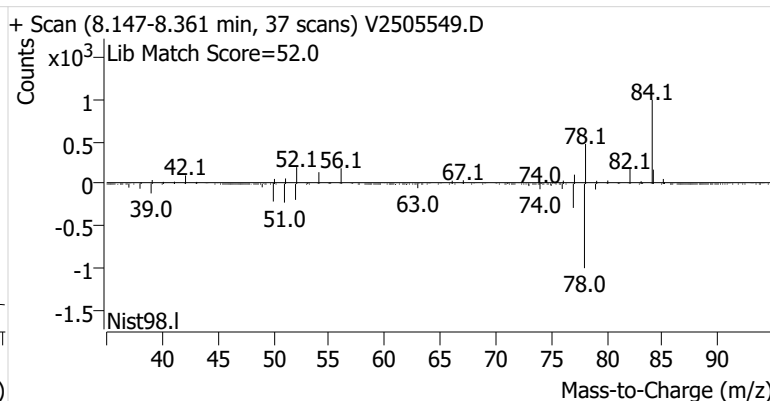
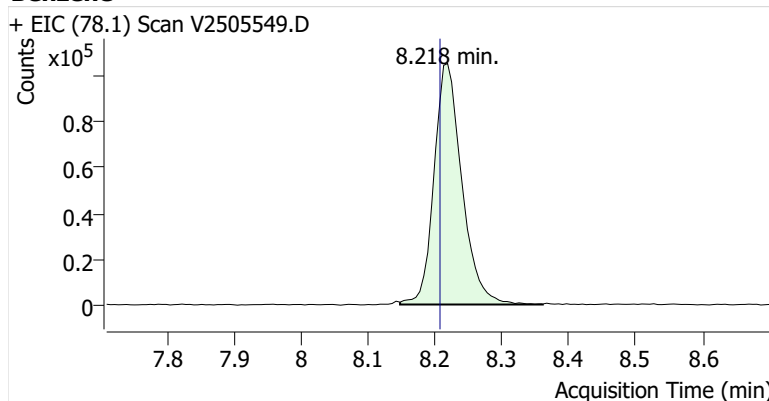
+ Scan (13.662-13.780 min, 20 scans) V2505548.D



Name IRVSEA-16-S-20250821
Comment B20697; Recollect
Data File V2505549.D
Acq. Date-Time 9/16/2025 8:14:44 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

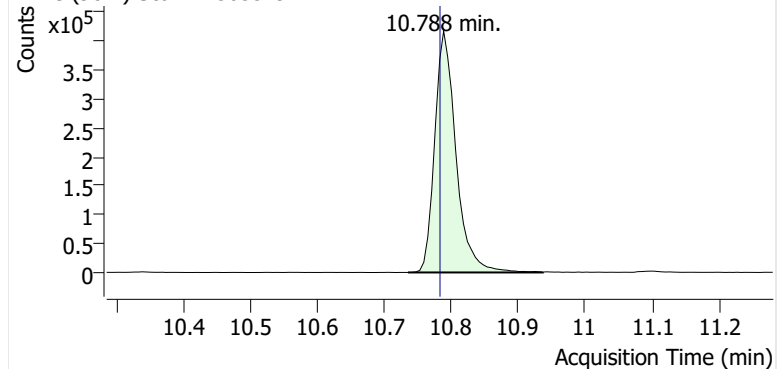
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	875,136	
Benzene	Benzene-d6 (IS)	8.218	8.207	305,063	
Toluene-d8 (IS)		10.788	10.783	923,817	
Toluene	Toluene-d8 (IS)	10.883	10.878	1,367,766	
Ethylbenzene	Toluene-d8 (IS)	13.032	13.032	234,489	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	535,230	
o-Xylene	Toluene-d8 (IS)	13.702	13.703	201,651	

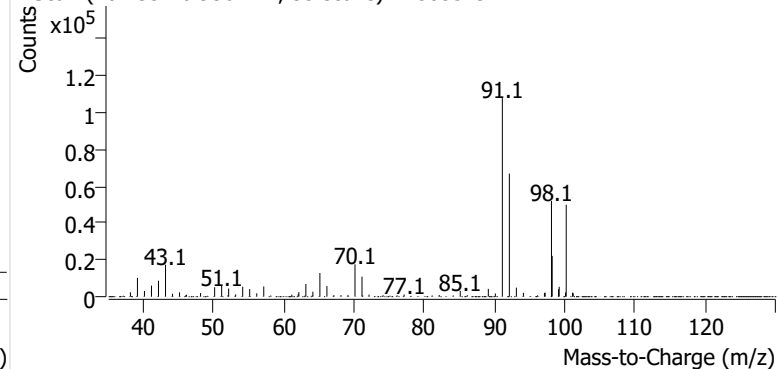
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

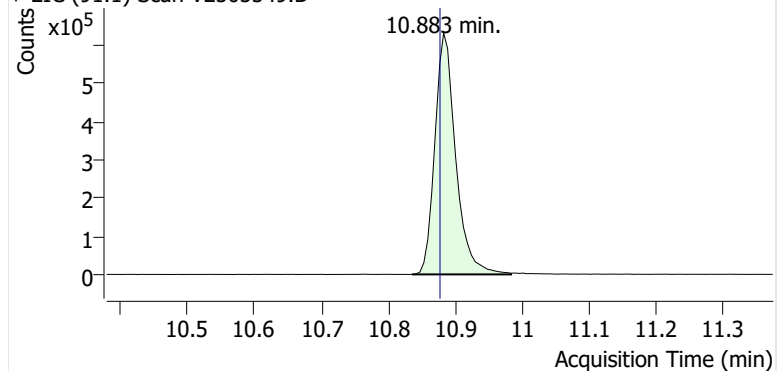
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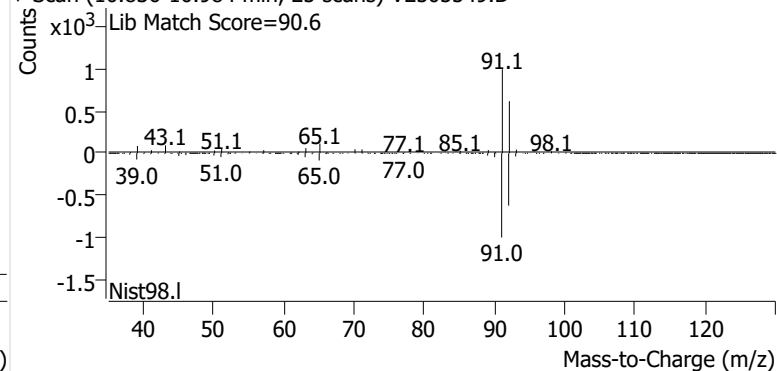
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**Toluene**

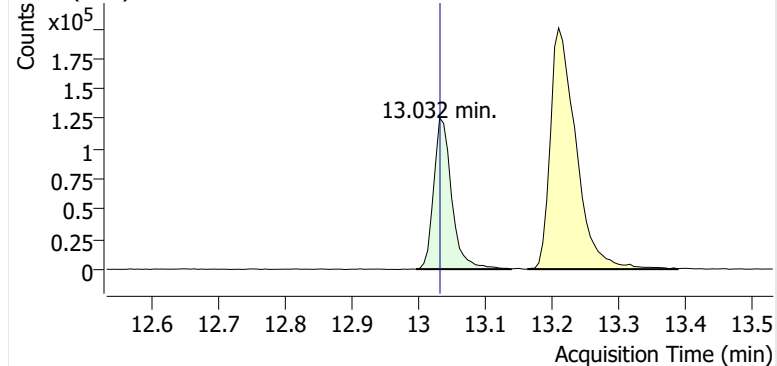
+ EIC (91.1) Scan V2505549.D



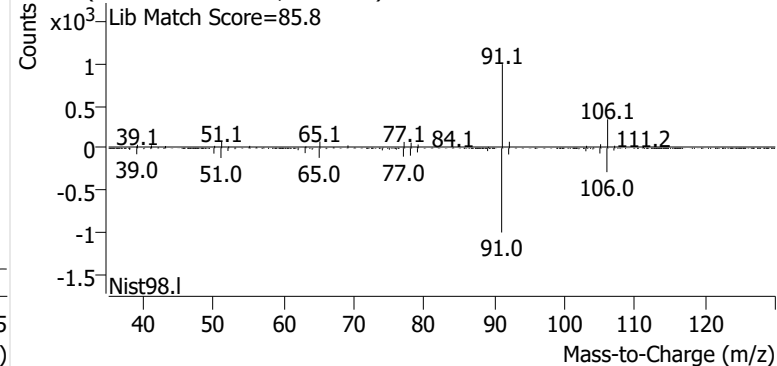
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**Ethylbenzene**

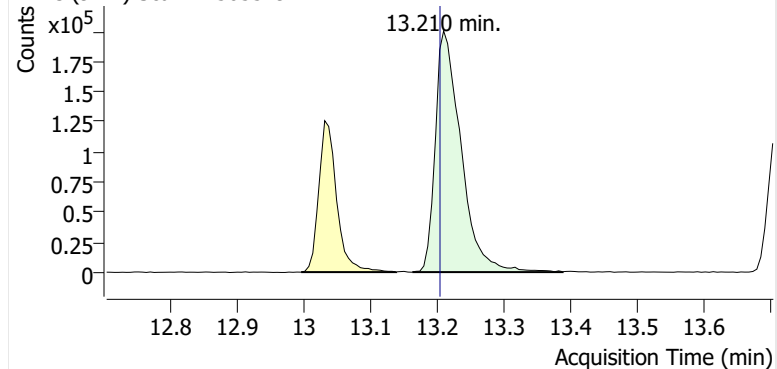
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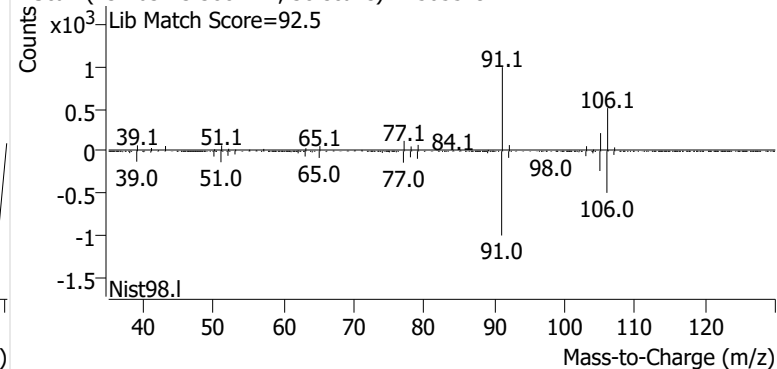
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**m-/p-Xylenes**

+ EIC (91.1) Scan V2505549.D

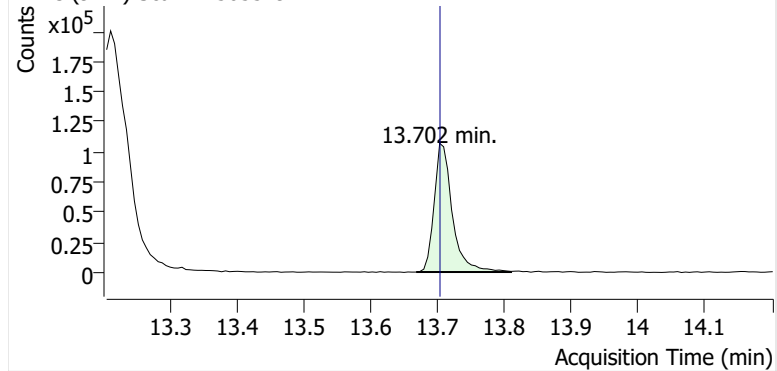


+ Scan (13.163-13.388 min, 38 scans) V2505549.D

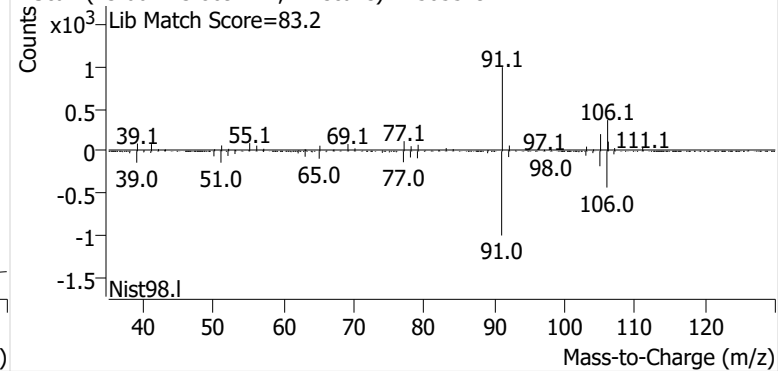


o-Xylene

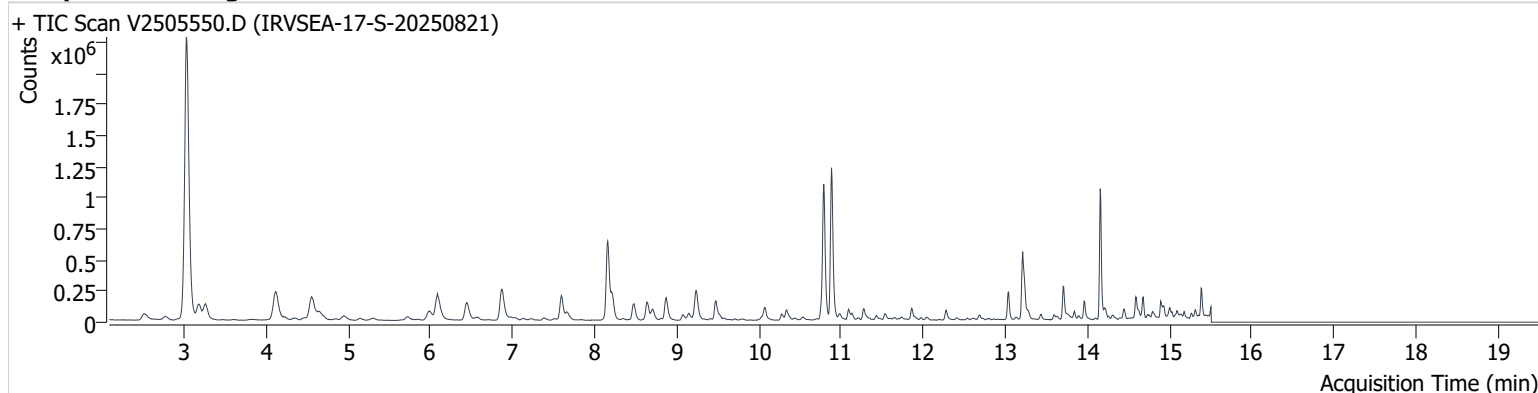
+ EIC (91.1) Scan V2505549.D



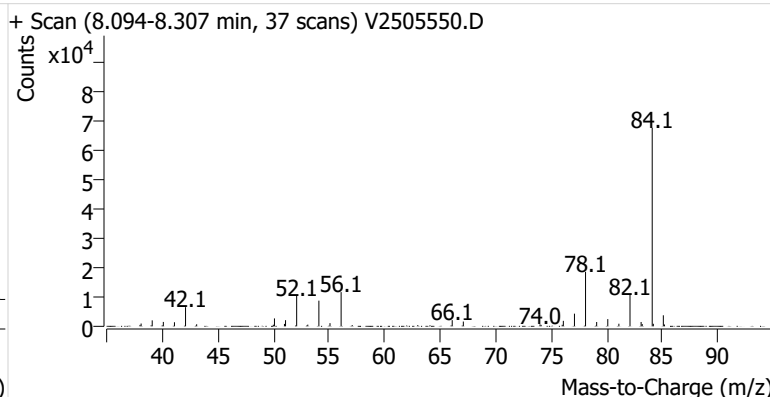
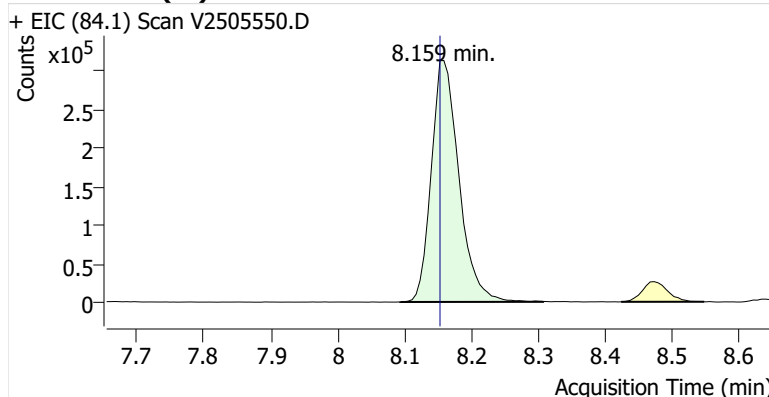
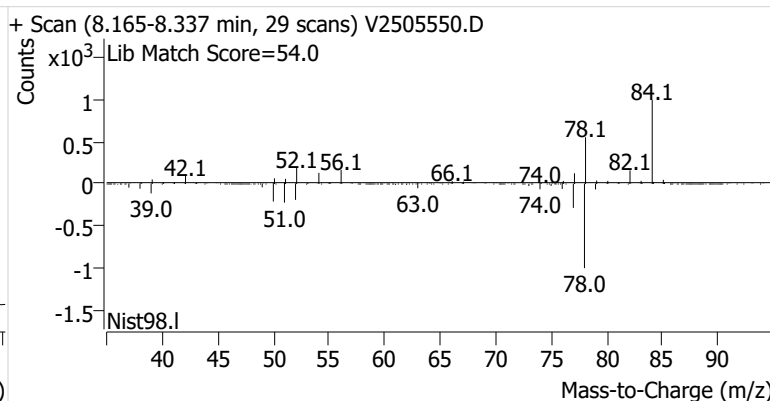
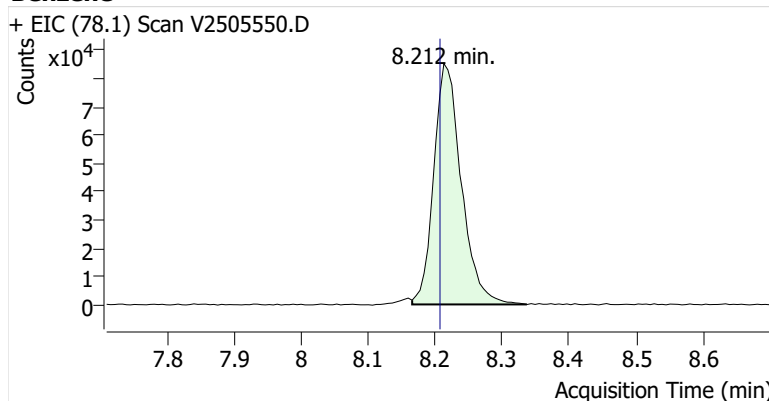
+ Scan (13.667-13.809 min, 24 scans) V2505549.D



Name IRVSEA-17-S-20250821
Comment C43543; Recollect
Data File V2505550.D
Acq. Date-Time 9/16/2025 8:52:07 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

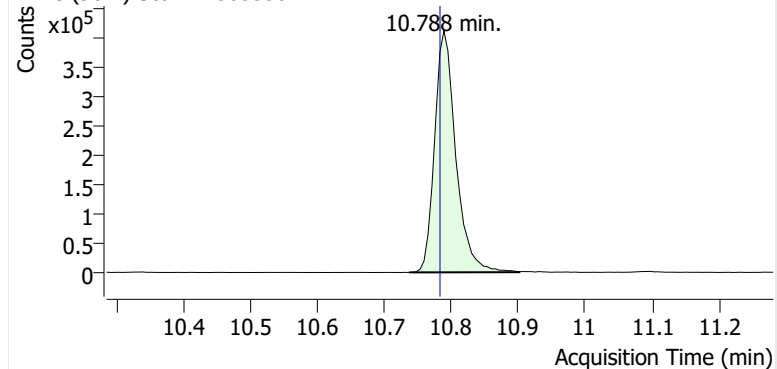
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.159	8.153	902,595	
Benzene	Benzene-d6 (IS)	8.212	8.207	242,898	
Toluene-d8 (IS)		10.788	10.783	903,943	
Toluene	Toluene-d8 (IS)	10.883	10.878	1,042,345	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.032	183,608	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.204	502,563	
o-Xylene	Toluene-d8 (IS)	13.709	13.703	177,701	

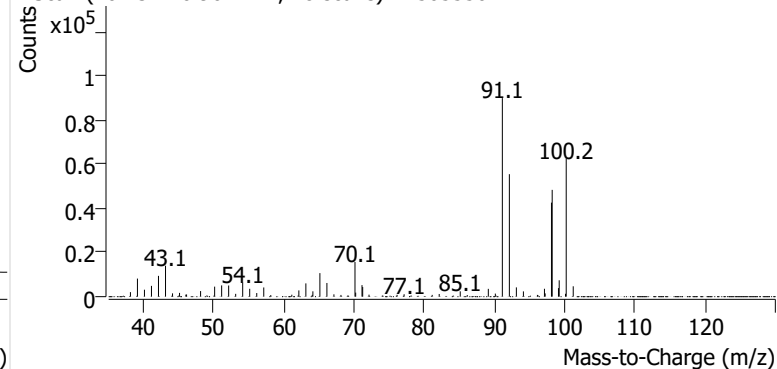
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

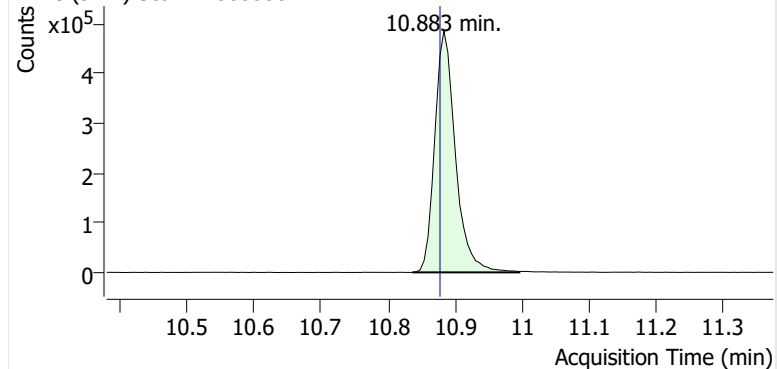
+ EIC (98.1) Scan V2505550.D



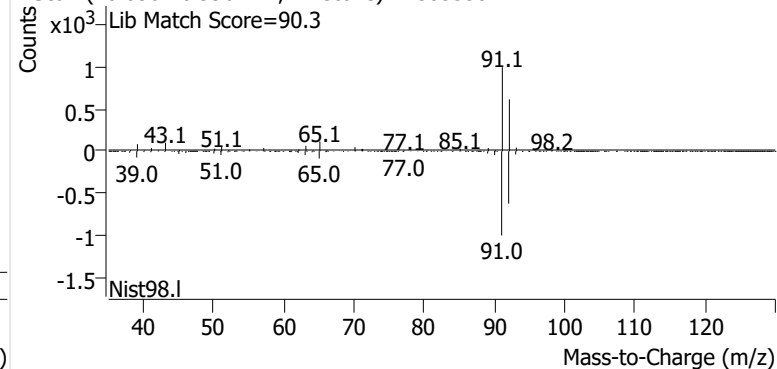
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**Toluene**

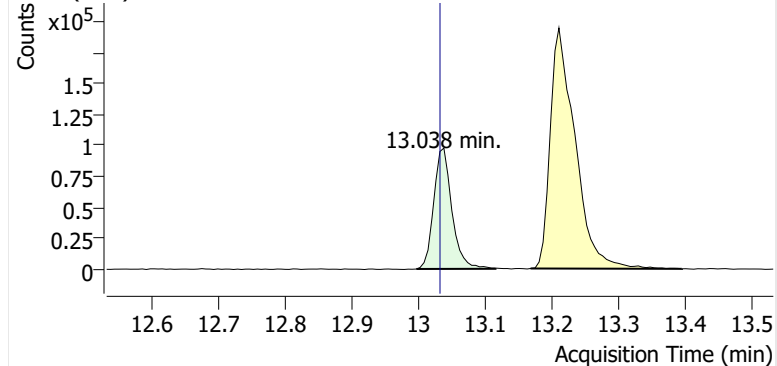
+ EIC (91.1) Scan V2505550.D



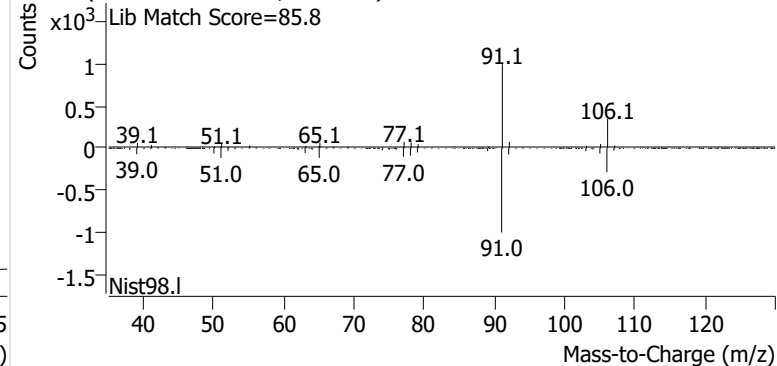
+ Scan (10.836-10.996 min, 27 scans) V2505550.D

**Ethylbenzene**

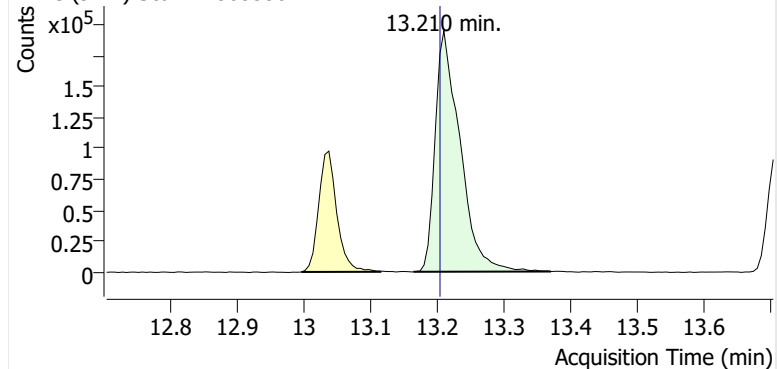
+ EIC (91.1) Scan V2505550.D



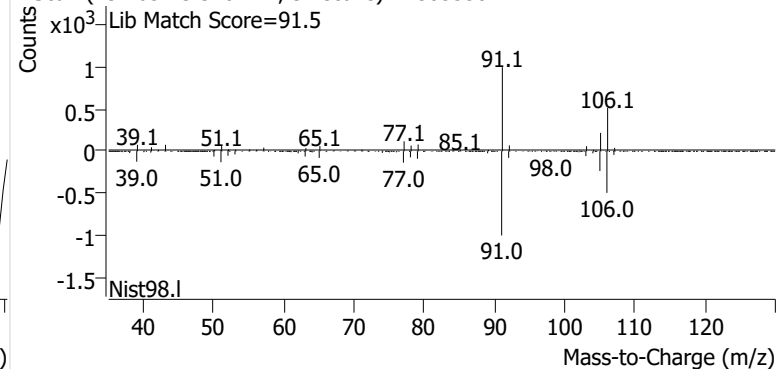
+ Scan (12.997-13.115 min, 20 scans) V2505550.D

**m-/p-Xylenes**

+ EIC (91.1) Scan V2505550.D

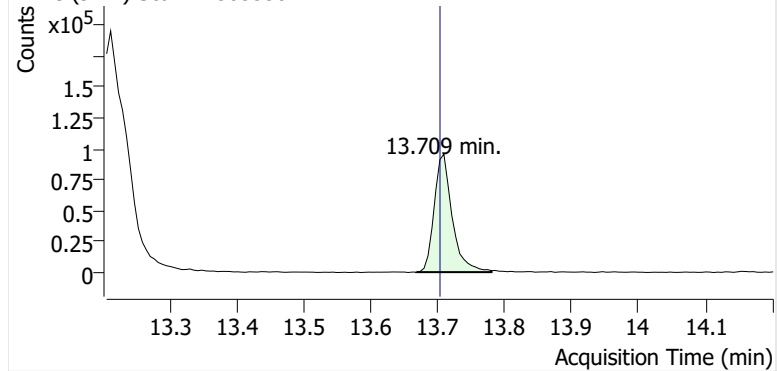


+ Scan (13.165-13.370 min, 34 scans) V2505550.D

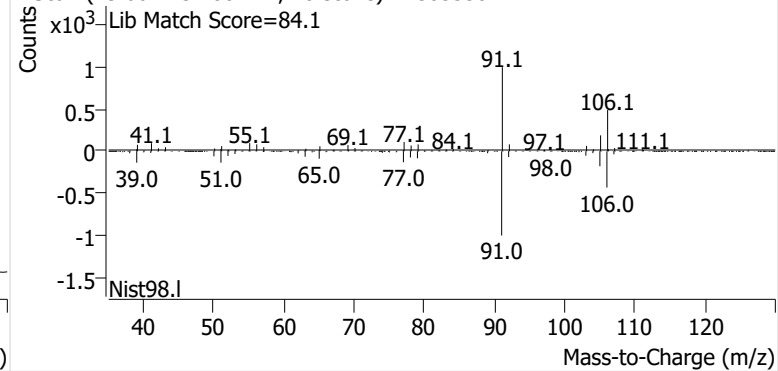


o-Xylene

+ EIC (91.1) Scan V2505550.D



+ Scan (13.667-13.780 min, 20 scans) V2505550.D



Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG305-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V080725A_CC185154	Benzene	1	V2504674.D	6.03	94142	90.3	1037847	1.358	0.28
V080725A_CC185154	Benzene	2	V2504675.D	12.06	147081	90.3	1027204	1.072	0.0075
V080725A_CC185154	Benzene	3	V2504676.D	24.12	286469	90.3	1044472	1.027	-0.035
V080725A_CC185154	Benzene	4	V2504677.D	48.24	564950	90.3	1024341	1.032	-0.03
V080725A_CC185154	Benzene	5	V2504678.D	120.59	1422441	90.3	1050585	1.014	-0.047
V080725A_CC185154	Benzene	6	V2504679.D	241.18	2757541	90.3	1022744	1.009	-0.051
V080725A_CC185154	Benzene	7	V2504680.D	723.55	7743594	90.3	1032264	0.936	-0.12
						Avg:	1034208	1.064	
						%RSD:	1.0%	12.8%	
V080725A_CC185154	Toluene	2	V2504675.D	10.59	134058	105.3	1065223	1.251	0.059
V080725A_CC185154	Toluene	3	V2504676.D	21.18	270601	105.3	1073676	1.253	0.061
V080725A_CC185154	Toluene	4	V2504677.D	42.37	524657	105.3	1068472	1.220	0.033
V080725A_CC185154	Toluene	5	V2504678.D	105.91	1231262	105.3	1071151	1.143	-0.032
V080725A_CC185154	Toluene	6	V2504679.D	211.83	2530679	105.3	1082209	1.162	-0.016
V080725A_CC185154	Toluene	7	V2504680.D	635.49	6826192	105.3	1070309	1.057	-0.11
						Avg:	1071840	1.181	
						%RSD:	0.5%	6.4%	
V080725A_CC185154	Ethylbenzene	2	V2504675.D	11.01	123170	105.3	1065223	1.106	0.036
V080725A_CC185154	Ethylbenzene	3	V2504676.D	22.02	228939	105.3	1073676	1.020	-0.045
V080725A_CC185154	Ethylbenzene	4	V2504677.D	44.03	493711	105.3	1068472	1.105	0.035
V080725A_CC185154	Ethylbenzene	5	V2504678.D	110.08	1199365	105.3	1071151	1.071	0.0033
V080725A_CC185154	Ethylbenzene	6	V2504679.D	220.16	2521089	105.3	1082209	1.114	0.044
V080725A_CC185154	Ethylbenzene	7	V2504680.D	660.47	6641479	105.3	1070309	0.989	-0.073
						Avg:	1071840	1.067	
						%RSD:	0.5%	4.9%	
V080725A_CC185154	m-/p-Xylenes	2	V2504675.D	12.34	99413	105.3	1065223	0.796	0.019
V080725A_CC185154	m-/p-Xylenes	3	V2504676.D	24.67	185783	105.3	1073676	0.738	-0.056
V080725A_CC185154	m-/p-Xylenes	4	V2504677.D	49.35	392093	105.3	1068472	0.783	0.0013
V080725A_CC185154	m-/p-Xylenes	5	V2504678.D	123.37	968496	105.3	1071151	0.772	-0.013
V080725A_CC185154	m-/p-Xylenes	6	V2504679.D	246.74	2141542	105.3	1082209	0.844	0.08
V080725A_CC185154	m-/p-Xylenes	7	V2504680.D	740.21	5702323	105.3	1070309	0.758	-0.031
						Avg:	1071840	0.782	
						%RSD:	0.5%	4.7%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG305-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V080725A_CC185154	o-Xylene	2	V2504675.D	11.47	93623	105.3	1065223	0.807	0.027
V080725A_CC185154	o-Xylene	3	V2504676.D	22.95	174233	105.3	1073676	0.745	-0.052
V080725A_CC185154	o-Xylene	4	V2504677.D	45.89	367730	105.3	1068472	0.790	0.0054
V080725A_CC185154	o-Xylene	5	V2504678.D	114.73	904778	105.3	1071151	0.775	-0.013
V080725A_CC185154	o-Xylene	6	V2504679.D	229.46	1984289	105.3	1082209	0.841	0.071
V080725A_CC185154	o-Xylene	7	V2504680.D	688.38	5283050	105.3	1070309	0.755	-0.039
						Avg:	1071840	0.785	
						%RSD:	0.5%	4.5%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
V080725A_CC185154	Benzene	ICV	V2504681.D	64.43	709208	90.3	1064197	0.934	-12.0%
V080725A_CC185154	Toluene	ICV	V2504681.D	76.85	737424	105.3	1013227	0.997	-16.0%
V080725A_CC185154	Ethylbenzene	ICV	V2504681.D	86.51	829550	105.3	1013227	0.996	-6.7%
V080725A_CC185154	m-/p-Xylenes	ICV	V2504681.D	90.05	680020	105.3	1013227	0.785	0.4%
V080725A_CC185154	o-Xylene	ICV	V2504681.D	88.63	653877	105.3	1013227	0.767	-2.4%

M325B PDF Report ver.20250917

Sample Custody



EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

☐ Standard Turn Around Time (10 business days)

☐ Rush Turn Around Time

• All TATs Subject to Approval by Enthalpy Analytical, Inc.

• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

202566305

Page

1

of

1

Site Name: Irrwy Searsport		Client Name: Montrose Arm		PO#:					
Site Address: 52 Station Ave		Project Number: # 027957		Sample Event #					
City: Searsport		Project Manager: HAIG BROCKU		Sorbent:					
State: Maine		Email Address: haigbrocku@montrose-env.com							
Zip: 04974		Telephone #: 207-441-0025							
Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	C 70169	S	8/21/25	815	9/4/25	800	HF3		
2	B 46818	S		825		810			
2	B 50948	D		825		810			
2	C 70840	B		825		810			
3	C 33515	S		835		820			
4	C 43280	S		845		830			
5	C 43376	S		855		840			
6	B 12042	S		905		850			
7	C 33427	S		915		900			
8	C 32909	S		930		910			
8	C 70078	D		930		910			
9	B 28902	B		930		910			
9	B 49474	S		940		920			
10	C 32827	S		950		930			
11	C 59994	S		1000		940			
12	C 57558	S		1010		950			
13	C 70835	S		1020		1000			
14	C 38594	S		1030		1010			
15	C 59929	S		1050		1040			
16	B 20697	S		1100		1050			
17	C 43543	S	8/21/25	1110	9/4/25	1100	HF3		
Relinquished By (printed): Haig Brocku		Relinquished By (signature):		Relinquished Date: 9/4/2025		Relinquished Time: 1610			
Received By (printed): David Taylor		Received By (signature):		Receipt Date: 9/10/25		Receipt Time: 11:00			
Sample Condition Upon Receipt: Good		Compound List:		Custody Seal intact? Y/N: Y		Delivery tracking #			
Ice Temp:	Blank Temp: 20.2	Fluke 4		Add Custody Seal # below: 24H11028					
Comments:									

**This Is The Last Page
Of This Report.**

Irving Oil – Searsport

52 Station Ave
Searsport, ME 04974

Sampling Event 27 Irving Oil - Searsport

Client Project# PROJ-050105

Samples Received: 10/1/2025

Analytical Report 2025GG306

EPA Method 325B Analysis

Report Issue Date: 10/10/2025

I certify that to the best of my knowledge all analytical data presented in this report have been checked for completeness, accuracy, errors and legibility in addition to having been conducted in accordance with approved protocol, and that all deviations and analytical problems are summarized in the appropriate narrative(s). This report shall not be reproduced except in full without approval of the laboratory. This will provide assurance that parts of the report are not taken out of context.

Amendment(s):

Signature:


QA Review by Isabel Obando Marrero, Data Reviewer



Matt Cavanaugh
Matthew.Cavanaugh@enthalpy.com / www.enthalpy.com
O: (919) 850-4392
Enthalpy Analytical
800 Capitola Drive Suite 1 Durham, NC 27713

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Case Narrative	3
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Sample Custody	85
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Narrative Summary



Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG306-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

1. Custody

The samples were received at Enthalpy Analytical on October 1, 2025 at 21.3 °C. The samples were received in good condition. Prior to, during, and after analysis, the samples were kept under lock with access only to authorized personnel by Enthalpy Analytical, LLC

Table 1 - Sample Inventory

Sample ID	Tube ID	Sample Type
IRVSEA-1-S-20250904	B20686	Sample
IRVSEA-2-S-20250904	B46063	Sample
IRVSEA-2-D-20250904	C55571	Duplicate
IRVSEA-2-B-20250904	B47840	Blank
IRVSEA-3-S-20250904	B19915	Sample
IRVSEA-4-S-20250904	C40606	Sample
IRVSEA-5-S-20250904	C02023	Sample
IRVSEA-6-S-20250904	B17405	Sample
IRVSEA-7-S-20250904	B15489	Sample
IRVSEA-8-S-20250904	B49412	Sample
IRVSEA-8-D-20250904	C24205	Duplicate
IRVSEA-8-B-20250904	B50580	Blank
IRVSEA-9-S-20250904	C00664	Sample
IRVSEA-10-S-20250904	B43299	Sample
IRVSEA-11-S-20250904	B29389	Sample
IRVSEA-12-S-20250904	C37468	Sample
IRVSEA-13-S-20250904	B50971	Sample
IRVSEA-14-S-20250904	C16086	Sample
IRVSEA-15-S-20250904	C01829	Sample
IRVSEA-16-S-20250904	C01366	Sample
IRVSEA-17-S-20250904	C01517	Sample

2. Analysis

The samples were analyzed for Benzene, Toluene, Ethylbenzene, m-/p-Xylenes, and o-Xylene using EPA Method 325B – Volatile Organic Compounds from Fugitive and Area Sources by Thermal Desorption and GC/MS. A copy of the acquisition method M325B-TD35 is not included in this report but may be available upon request.

The sample tube media used for this sampling period was CarboxpackX. All calibration standards and laboratory QC were prepared using the same media.

Enthalpy Analytical Narrative Summary

Company	Montrose Air Quality Services, LLC - New Jersey
Job No.	2025GG306-1
Client ID.	PROJ-050105 Site: Irving Oil - Searsport

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (N061725A_CC252679_QT_CC185154) met all 30% RSD criteria. The initial calibration verification met 30% difference criteria. The continuing calibration verifications met 30% difference criteria. The initial and continuing calibration raw data are not included in this report but are available upon request.

5. QC Notes

All quality control criteria required by the method and/or the laboratory SOP have been met unless noted otherwise below.

The primary sample IRVSEA-2-S-20250904 (tube ID B46063) and its corresponding duplicate IRVSEA-2-D-20250904 (tube ID C55571) failed to meet the 30% difference criterion for m-/p-Xylenes and Toluene as specified by the method. All samples in the data set have been flagged "P" for m-/p-Xylenes and Toluene to denote this failure.

The primary sample IRVSEA-2-S-20250904 (tube ID B46063) and its corresponding duplicate IRVSEA-2-D-20250904 (tube ID C55571) failed to meet the 30% difference criterion for o-Xylene as specified by the method. However, the concentrations of the analyte in both the sample and the duplicate were less than two times the reporting limit of the instrument's calibration curve. Therefore, the percent difference observed may not suggest the data set has been negatively affected. All samples in the data set have been flagged "Pc" for o-Xylene to denote this failure.

6. Reporting Notes

All tubes used for this sampling period met the method criteria for number of uses; no tube exceeded 50 field uses.

As specified in EPA Method 325B, the response factor of the daily continuing calibration standard was used to quantitate all field samples and blanks.

All samples were reported as amount in ng catch, and concentration in ug/m³ and ppbv.

The results presented in this report are representative of the samples as provided to the laboratory. These analyses met the requirements of the TNI Standard. Any deviations from the requirements of the reference method or TNI Standard have been stated above.

Enthalpy Analytical, located at 800 Capitola Drive, Suite 1, Durham NC, 27713 is accredited by the Louisiana Department of Environmental Quality (LDEQ) for EPA Method 325B for all analytes included in this report under **Certificate Number 04010**.

Results

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG306-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Summary

Sample Code	Tube ID	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
		(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag	(ug/m³)	Flag
IRVSEA-1-S-20250904	B20686	2.12		3.21	P	0.686		2.10	P	0.760	Pc
IRVSEA-2-S-20250904	B46063	1.31		3.17	P	0.519	J	1.75	P	0.628	Pc
IRVSEA-2-D-20250904	C55571	1.69		4.41	P	0.684		2.60	P	0.897	Pc
IRVSEA-2-B-20250904	B47840	0.188	ND	0.242	ND,P	0.274	ND	0.274	ND,P	0.274	ND,Pc
IRVSEA-3-S-20250904	B19915	1.88		4.20	P	0.856		2.98	P	0.973	Pc
IRVSEA-4-S-20250904	C40606	2.21		5.89	P	1.19		4.25	P	1.32	Pc
IRVSEA-5-S-20250904	C02023	1.80		4.62	P	1.48		5.50	P	1.65	Pc
IRVSEA-6-S-20250904	B17405	3.56		7.44	P	1.39		4.59	P	1.67	Pc
IRVSEA-7-S-20250904	B15489	4.67		14.2	P	2.58		9.77	P	3.51	Pc
IRVSEA-8-S-20250904	B49412	6.45		20.7	P	3.74		13.8	P	5.00	Pc
IRVSEA-8-D-20250904	C24205	6.46		21.6	P	3.86		14.6	P	5.27	Pc
IRVSEA-8-B-20250904	B50580	0.188	ND	0.242	ND,P	0.274	ND	0.274	ND,P	0.274	ND,Pc
IRVSEA-9-S-20250904	C00664	2.93		8.31	P	1.55		5.34	P	1.92	Pc
IRVSEA-10-S-20250904	B43299	3.35		10.3	P	2.61		10.1	P	3.17	Pc
IRVSEA-11-S-20250904	B29389	3.84		11.9	P	2.62		9.44	P	3.12	Pc
IRVSEA-12-S-20250904	C37468	2.81		9.18	P	1.67		5.41	P	1.95	Pc
IRVSEA-13-S-20250904	B50971	1.60		4.26	P	0.705		2.46	P	0.906	Pc
IRVSEA-14-S-20250904	C16086	1.28		3.11	P	0.508	J	1.83	P	0.703	Pc
IRVSEA-15-S-20250904	C01829	1.00		1.68	P	0.285	J	0.911	P	0.346	J,Pc
IRVSEA-16-S-20250904	C01366	0.941		1.24	P	0.274	J	0.601	P	0.274	ND,Pc
IRVSEA-17-S-20250904	C01517	1.67		1.56	P	0.274	ND	0.794	P	0.297	J,Pc

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit

ND: The analyte was not present above the Method Detection Limit

P: Field duplicate(s) exceed 30%RPD

Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG306-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250904	B20686	2.12	0.664	28.2	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505970.D	2025-10-02 22:22	1.026	8.070	207381	659830	92.1	8.015	-14.2%
IRVSEA-2-S-20250904	B46063	1.31	0.411	17.4	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505971.D	2025-10-02 23:02	1.026	8.076	128426	661167	92.1	8.021	-14.1%
IRVSEA-2-D-20250904	C55571	1.69	0.529	22.4	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505972.D	2025-10-02 23:42	1.026	8.077	162356	649313	92.1	8.015	-15.6%
IRVSEA-2-B-20250904	B47840	0.188	0.0589		60.3	0.660	20170	0.188	0.374	0.0589	0.117	ND	N2505969.D	2025-10-02 21:42	1.026	8.064	8348	759732	92.1	8.015	-1.3%
IRVSEA-3-S-20250904	B19915	1.88	0.590	25.1	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505973.D	2025-10-03 00:22	1.026	8.076	179037	641379	92.1	8.021	-16.6%
IRVSEA-4-S-20250904	C40606	2.21	0.693	29.4	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505974.D	2025-10-03 01:02	1.026	8.070	235650	718580	92.1	8.015	-6.6%
IRVSEA-5-S-20250904	C02023	1.80	0.563	23.9	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505975.D	2025-10-03 01:42	1.026	8.070	200512	753381	92.1	8.015	-2.1%
IRVSEA-6-S-20250904	B17405	3.56	1.11	47.3	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505976.D	2025-10-03 02:22	1.026	8.077	378166	717410	92.1	8.021	-6.8%
IRVSEA-7-S-20250904	B15489	4.67	1.46	62.2	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505977.D	2025-10-03 03:02	1.026	8.076	456721	659661	92.1	8.021	-14.3%
IRVSEA-8-S-20250904	B49412	6.45	2.02	85.8	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505978.D	2025-10-03 03:42	1.026	8.083	628536	657356	92.1	8.028	-14.6%
IRVSEA-8-D-20250904	C24205	6.46	2.02	85.9	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505981.D	2025-10-03 06:01	1.026	8.070	593794	620384	92.1	8.015	-19.4%
IRVSEA-8-B-20250904	B50580	0.188	0.0589		60.3	0.660	20170	0.188	0.374	0.0589	0.117	ND	N2505979.D	2025-10-03 04:22	1.026	8.082	6545	667397	92.1	8.021	-13.3%
IRVSEA-9-S-20250904	C00664	2.93	0.919	39.0	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505982.D	2025-10-03 06:41	1.026	8.070	272122	625814	92.1	8.015	-18.7%
IRVSEA-10-S-20250904	B43299	3.35	1.05	44.6	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505983.D	2025-10-03 07:21	1.026	8.077	316768	637630	92.1	8.021	-17.1%
IRVSEA-11-S-20250904	B29389	3.84	1.20	51.0	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505984.D	2025-10-03 08:01	1.026	8.070	355862	626018	92.1	8.021	-18.6%
IRVSEA-12-S-20250904	C37468	2.81	0.880	37.4	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505985.D	2025-10-03 08:41	1.026	8.076	304536	731280	92.1	8.021	-5.0%
IRVSEA-13-S-20250904	B50971	1.60	0.501	21.3	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505986.D	2025-10-03 09:21	1.026	8.077	179692	757661	92.1	8.022	-1.5%
IRVSEA-14-S-20250904	C16086	1.28	0.400	17.0	60.3	0.660	20170	0.188	0.374	0.0589	0.117		N2505987.D	2025-10-03 10:01	1.026	8.076	147387	778941	92.1	8.021	1.2%
IRVSEA-15-S-20250904	C01829	1.00	0.315	13.4	60.3	0.660	20160	0.188	0.374	0.0589	0.117		N2505988.D	2025-10-03 10:41	1.026	8.076	114724	770896	92.1	8.028	0.2%
IRVSEA-16-S-20250904	C01366	0.941	0.295	12.5	60.3	0.660	20160	0.188	0.374	0.0589	0.117		N2505989.D	2025-10-03 11:21	1.026	8.077	108602	779448	92.1	8.022	1.3%
IRVSEA-17-S-20250904	C01517	1.67	0.523	22.2	60.3	0.659	20160	0.188	0.374	0.0589	0.117		N2505990.D	2025-10-03 12:01	1.026	8.083	197733	800098	92.1	8.028	4.0%

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250904	B20686	3.21	0.853	33.2	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505970.D	2025-10-02 22:22	0.843	10.676	253946	986045	108.6	10.585	-10.3%
IRVSEA-2-S-20250904	B46063	3.17	0.842	32.8	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505971.D	2025-10-02 23:02	0.843	10.677	249781	982183	108.6	10.585	-10.6%
IRVSEA-2-D-20250904	C55571	4.41	1.17	45.6	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505972.D	2025-10-02 23:42	0.843	10.677	345561	976656	108.6	10.585	-11.1%
IRVSEA-2-B-20250904	B47840	0.242	0.0643		60.3	0.512	20170	0.242	0.521	0.0643	0.138	ND,P	N2505969.D	2025-10-02 21:42	0.843	10.677	11287	1139158	108.6	10.585	3.7%
IRVSEA-3-S-20250904	B19915	4.20	1.12	43.4	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505973.D	2025-10-03 00:22	0.843	10.682	322225	956740	108.6	10.591	-12.9%
IRVSEA-4-S-20250904	C40606	5.89	1.56	60.8	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505974.D	2025-10-03 01:02	0.843	10.677	492585	1042887	108.6	10.585	-5.1%
IRVSEA-5-S-20250904	C02023	4.62	1.23	47.7	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505975.D	2025-10-03 01:42	0.843	10.676	404799	1092661	108.6	10.584	-0.6%
IRVSEA-6-S-20250904	B17405	7.44	1.97	76.8	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505976.D	2025-10-03 02:22	0.843	10.683	626632	1051118	108.6	10.591	-4.4%
IRVSEA-7-S-20250904	B15489	14.2	3.78	147	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505977.D	2025-10-03 03:02	0.843	10.683	1116589	979578	108.6	10.591	-10.9%
IRVSEA-8-S-20250904	B49412	20.7	5.50	214	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505978.D	2025-10-03 03:42	0.843	10.683	1646833	990935	108.6	10.591	-9.8%
IRVSEA-8-D-20250904	C24205	21.6	5.72	223	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505981.D	2025-10-03 06:01	0.843	10.683	1625891	940880	108.6	10.585	-14.4%
IRVSEA-8-B-20250904	B50580	0.242	0.0643		60.3	0.512	20170	0.242	0.521	0.0643	0.138	ND,P	N2505979.D	2025-10-03 04:22	0.843	10.682	17525	1004942	108.6	10.584	-8.6%
IRVSEA-9-S-20250904	C00664	8.31	2.21	85.8	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505982.D	2025-10-03 06:41	0.843	10.676	630906	947528	108.6	10.585	-13.8%
IRVSEA-10-S-20250904	B43299	10.3	2.73	106	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505983.D	2025-10-03 07:21	0.843	10.677	788190	957177	108.6	10.585	-12.9%
IRVSEA-11-S-20250904	B29389	11.9	3.17	123	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505984.D	2025-10-03 08:01	0.843	10.676	901962	942908	108.6	10.585	-14.2%
IRVSEA-12-S-20250904	C37468	9.18	2.44	94.8	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505985.D	2025-10-03 08:41	0.843	10.682	786900	1069061	108.6	10.584	-2.7%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG306-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Toluene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-13-S-20250904	B50971	4.26	1.13	44.0	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505986.D	2025-10-03 09:21	0.843	10.683	376081	1101563	108.6	10.591	0.2%
IRVSEA-14-S-20250904	C16086	3.11	0.826	32.1	60.3	0.512	20170	0.242	0.521	0.0643	0.138	P	N2505987.D	2025-10-03 10:01	0.843	10.683	286438	1148283	108.6	10.591	4.5%
IRVSEA-15-S-20250904	C01829	1.68	0.446	17.3	60.3	0.512	20160	0.242	0.521	0.0643	0.138	P	N2505988.D	2025-10-03 10:41	0.843	10.683	151685	1125943	108.6	10.591	2.5%
IRVSEA-16-S-20250904	C01366	1.24	0.330	12.8	60.3	0.512	20160	0.242	0.521	0.0643	0.138	P	N2505989.D	2025-10-03 11:21	0.843	10.677	113971	1145771	108.6	10.585	4.3%
IRVSEA-17-S-20250904	C01517	1.56	0.413	16.1	60.3	0.512	20160	0.242	0.521	0.0643	0.138	P	N2505990.D	2025-10-03 12:01	0.843	10.689	142238	1140193	108.6	10.597	3.8%

Ethylbenzene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250904	B20686	0.686	0.158	6.27	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505970.D	2025-10-02 22:22	0.935	12.805	53215	986045	108.6	10.585	-10.3%
IRVSEA-2-S-20250904	B46063	0.519	0.120	4.74	60.3	0.453	20170	0.274	0.566	0.0631	0.130	J	N2505971.D	2025-10-02 23:02	0.935	12.799	40072	982183	108.6	10.585	-10.6%
IRVSEA-2-D-20250904	C55571	0.684	0.158	6.25	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505972.D	2025-10-02 23:42	0.935	12.800	52570	976656	108.6	10.585	-11.1%
IRVSEA-2-B-20250904	B47840	0.274	0.0631		60.3	0.453	20170	0.274	0.566	0.0631	0.130	ND	N2505969.D	2025-10-02 21:42	0.935	12.799	2064	1139158	108.6	10.585	3.7%
IRVSEA-3-S-20250904	B19915	0.856	0.197	7.82	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505973.D	2025-10-03 00:22	0.935	12.805	64439	956740	108.6	10.591	-12.9%
IRVSEA-4-S-20250904	C40606	1.19	0.275	10.9	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505974.D	2025-10-03 01:02	0.935	12.800	97838	1042887	108.6	10.585	-5.1%
IRVSEA-5-S-20250904	C02023	1.48	0.340	13.5	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505975.D	2025-10-03 01:42	0.935	12.805	126949	1092661	108.6	10.584	-0.6%
IRVSEA-6-S-20250904	B17405	1.39	0.321	12.7	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505976.D	2025-10-03 02:22	0.935	12.806	115212	1051118	108.6	10.591	-4.4%
IRVSEA-7-S-20250904	B15489	2.58	0.594	23.5	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505977.D	2025-10-03 03:02	0.935	12.806	198520	979578	108.6	10.591	-10.9%
IRVSEA-8-S-20250904	B49412	3.74	0.861	34.1	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505978.D	2025-10-03 03:42	0.935	12.806	291247	990935	108.6	10.591	-9.8%
IRVSEA-8-D-20250904	C24205	3.86	0.891	35.3	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505981.D	2025-10-03 06:01	0.935	12.799	285978	940880	108.6	10.585	-14.4%
IRVSEA-8-B-20250904	B50580	0.274	0.0631		60.3	0.453	20170	0.274	0.566	0.0631	0.130	ND	N2505979.D	2025-10-03 04:22	0.935	12.805	3973	1004942	108.6	10.584	-8.6%
IRVSEA-9-S-20250904	C00664	1.55	0.357	14.1	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505982.D	2025-10-03 06:41	0.935	12.799	115360	947528	108.6	10.585	-13.8%
IRVSEA-10-S-20250904	B43299	2.61	0.601	23.8	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505983.D	2025-10-03 07:21	0.935	12.806	196436	957177	108.6	10.585	-12.9%
IRVSEA-11-S-20250904	B29389	2.62	0.603	23.9	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505984.D	2025-10-03 08:01	0.935	12.799	194162	942908	108.6	10.585	-14.2%
IRVSEA-12-S-20250904	C37468	1.67	0.384	15.2	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505985.D	2025-10-03 08:41	0.935	12.805	140175	1069061	108.6	10.584	-2.7%
IRVSEA-13-S-20250904	B50971	0.705	0.163	6.44	60.3	0.453	20170	0.274	0.566	0.0631	0.130		N2505986.D	2025-10-03 09:21	0.935	12.806	61119	1101563	108.6	10.591	0.2%
IRVSEA-14-S-20250904	C16086	0.508	0.117	4.64	60.3	0.453	20170	0.274	0.566	0.0631	0.130	J	N2505987.D	2025-10-03 10:01	0.935	12.805	45846	1148283	108.6	10.591	4.5%
IRVSEA-15-S-20250904	C01829	0.285	0.0657	2.60	60.3	0.453	20160	0.274	0.566	0.0631	0.131	J	N2505988.D	2025-10-03 10:41	0.935	12.812	25234	1125943	108.6	10.591	2.5%
IRVSEA-16-S-20250904	C01366	0.274	0.0632	2.50	60.3	0.453	20160	0.274	0.566	0.0631	0.131	J	N2505989.D	2025-10-03 11:21	0.935	12.806	24712	1145771	108.6	10.585	4.3%
IRVSEA-17-S-20250904	C01517	0.274	0.0631		60.3	0.453	20160	0.274	0.566	0.0631	0.131	ND	N2505990.D	2025-10-03 12:01	0.935	12.812	22674	1140193	108.6	10.597	3.8%

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp (°F)	Uptake Rate (mL/min)	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250904	B20686	2.10	0.484	19.2	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505970.D	2025-10-02 22:22	0.642	12.977	111892	986045	108.6	10.585	-10.3%
IRVSEA-2-S-20250904	B46063	1.75	0.403	16.0	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505971.D	2025-10-02 23:02	0.642	12.977	92680	982183	108.6	10.585	-10.6%
IRVSEA-2-D-20250904	C55571	2.60	0.599	23.7	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505972.D	2025-10-02 23:42	0.642	12.977	137116	976656	108.6	10.585	-11.1%
IRVSEA-2-B-20250904	B47840	0.274	0.0631		60.3	0.453	20170	0.274	0.535	0.0631	0.123	ND,P	N2505969.D	2025-10-02 21:42	0.642	12.965	1797	1139158	108.6	10.585	3.7%
IRVSEA-3-S-20250904	B19915	2.98	0.686	27.2	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505973.D	2025-10-03 00:22	0.642	12.977	153698	956740	108.6	10.591	-12.9%
IRVSEA-4-S-20250904	C40606	4.25	0.980	38.9	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505974.D	2025-10-03 01:02	0.642	12.971	239558	1042887	108.6	10.585	-5.1%
IRVSEA-5-S-20250904	C02023	5.50	1.27	50.3	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505975.D	2025-10-03 01:42	0.642	12.977	324733	1092661	108.6	10.584	-0.6%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG306-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

m-/p-Xylenes

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-6-S-20250904	B17405	4.59	1.06	41.9	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505976.D	2025-10-03 02:22	0.642	12.977	260476	1051118	108.6	10.591	-4.4%
IRVSEA-7-S-20250904	B15489	9.77	2.25	89.2	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505977.D	2025-10-03 03:02	0.642	12.977	516685	979578	108.6	10.591	-10.9%
IRVSEA-8-S-20250904	B49412	13.8	3.18	126	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505978.D	2025-10-03 03:42	0.642	12.977	738791	990935	108.6	10.591	-9.8%
IRVSEA-8-D-20250904	C24205	14.6	3.37	133	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505981.D	2025-10-03 06:01	0.642	12.977	742377	940880	108.6	10.585	-14.4%
IRVSEA-8-B-20250904	B50580	0.274	0.0631		60.3	0.453	20170	0.274	0.535	0.0631	0.123	ND,P	N2505979.D	2025-10-03 04:22	0.642	12.983	7689	1004942	108.6	10.584	-8.6%
IRVSEA-9-S-20250904	C00664	5.34	1.23	48.8	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505982.D	2025-10-03 06:41	0.642	12.977	273288	947528	108.6	10.585	-13.8%
IRVSEA-10-S-20250904	B43299	10.1	2.32	91.8	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505983.D	2025-10-03 07:21	0.642	12.977	519635	957177	108.6	10.585	-12.9%
IRVSEA-11-S-20250904	B29389	9.44	2.18	86.2	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505984.D	2025-10-03 08:01	0.642	12.977	480772	942908	108.6	10.585	-14.2%
IRVSEA-12-S-20250904	C37468	5.41	1.25	49.4	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505985.D	2025-10-03 08:41	0.642	12.977	312337	1069061	108.6	10.584	-2.7%
IRVSEA-13-S-20250904	B50971	2.46	0.567	22.5	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505986.D	2025-10-03 09:21	0.642	12.977	146408	1101563	108.6	10.591	0.2%
IRVSEA-14-S-20250904	C16086	1.83	0.421	16.7	60.3	0.453	20170	0.274	0.535	0.0631	0.123	P	N2505987.D	2025-10-03 10:01	0.642	12.977	113175	1148283	108.6	10.591	4.5%
IRVSEA-15-S-20250904	C01829	0.911	0.210	8.32	60.3	0.453	20160	0.274	0.535	0.0631	0.123	P	N2505988.D	2025-10-03 10:41	0.642	12.983	55362	1125943	108.6	10.591	2.5%
IRVSEA-16-S-20250904	C01366	0.601	0.138	5.49	60.3	0.453	20160	0.274	0.535	0.0631	0.123	P	N2505989.D	2025-10-03 11:21	0.642	12.977	37162	1145771	108.6	10.585	4.3%
IRVSEA-17-S-20250904	C01517	0.794	0.183	7.25	60.3	0.453	20160	0.274	0.535	0.0631	0.123	P	N2505990.D	2025-10-03 12:01	0.642	12.983	48859	1140193	108.6	10.597	3.8%

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-1-S-20250904	B20686	0.760	0.175	6.94	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505970.D	2025-10-02 22:22	0.693	13.472	43690	986045	108.6	10.585	-10.3%
IRVSEA-2-S-20250904	B46063	0.628	0.145	5.74	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505971.D	2025-10-02 23:02	0.693	13.466	35977	982183	108.6	10.585	-10.6%
IRVSEA-2-D-20250904	C55571	0.897	0.207	8.19	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505972.D	2025-10-02 23:42	0.693	13.473	51073	976656	108.6	10.585	-11.1%
IRVSEA-2-B-20250904	B47840	0.274	0.0631		60.3	0.453	20170	0.274	0.558	0.0631	0.129	ND,Pc	N2505969.D	2025-10-02 21:42	0.693	13.466	945	1139158	108.6	10.585	3.7%
IRVSEA-3-S-20250904	B19915	0.973	0.224	8.89	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505973.D	2025-10-03 00:22	0.693	13.472	54278	956740	108.6	10.591	-12.9%
IRVSEA-4-S-20250904	C40606	1.32	0.304	12.1	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505974.D	2025-10-03 01:02	0.693	13.466	80266	1042887	108.6	10.585	-5.1%
IRVSEA-5-S-20250904	C02023	1.65	0.380	15.1	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505975.D	2025-10-03 01:42	0.693	13.472	105101	1092661	108.6	10.584	-0.6%
IRVSEA-6-S-20250904	B17405	1.67	0.385	15.3	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505976.D	2025-10-03 02:22	0.693	13.472	102455	1051118	108.6	10.591	-4.4%
IRVSEA-7-S-20250904	B15489	3.51	0.810	32.1	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505977.D	2025-10-03 03:02	0.693	13.472	200662	979578	108.6	10.591	-10.9%
IRVSEA-8-S-20250904	B49412	5.00	1.15	45.7	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505978.D	2025-10-03 03:42	0.693	13.472	288928	990935	108.6	10.591	-9.8%
IRVSEA-8-D-20250904	C24205	5.27	1.21	48.1	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505981.D	2025-10-03 06:01	0.693	13.472	289162	940880	108.6	10.585	-14.4%
IRVSEA-8-B-20250904	B50580	0.274	0.0631		60.3	0.453	20170	0.274	0.558	0.0631	0.129	ND,Pc	N2505979.D	2025-10-03 04:22	0.693	13.472	2327	1004942	108.6	10.584	-8.6%
IRVSEA-9-S-20250904	C00664	1.92	0.441	17.5	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505982.D	2025-10-03 06:41	0.693	13.472	105833	947528	108.6	10.585	-13.8%
IRVSEA-10-S-20250904	B43299	3.17	0.729	28.9	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505983.D	2025-10-03 07:21	0.693	13.472	176652	957177	108.6	10.585	-12.9%
IRVSEA-11-S-20250904	B29389	3.12	0.720	28.5	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505984.D	2025-10-03 08:01	0.693	13.472	171789	942908	108.6	10.585	-14.2%
IRVSEA-12-S-20250904	C37468	1.95	0.449	17.8	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505985.D	2025-10-03 08:41	0.693	13.472	121393	1069061	108.6	10.584	-2.7%
IRVSEA-13-S-20250904	B50971	0.906	0.209	8.27	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505986.D	2025-10-03 09:21	0.693	13.472	58177	1101563	108.6	10.591	0.2%
IRVSEA-14-S-20250904	C16086	0.703	0.162	6.42	60.3	0.453	20170	0.274	0.558	0.0631	0.129	Pc	N2505987.D	2025-10-03 10:01	0.693	13.472	47045	1148283	108.6	10.591	4.5%
IRVSEA-15-S-20250904	C01829	0.346	0.0797	3.16	60.3	0.453	20160	0.274	0.558	0.0631	0.129	J,Pc	N2505988.D	2025-10-03 10:41	0.693	13.478	22680	1125943	108.6	10.591	2.5%
IRVSEA-16-S-20250904	C01366	0.274	0.0631		60.3	0.453	20160	0.274	0.558	0.0631	0.129	ND,Pc	N2505989.D	2025-10-03 11:21	0.693	13.472	14668	1145771	108.6	10.585	4.3%

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG306-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

o-Xylene

Sample Code	Tube ID	Conc (ug/m³)	Conc (ppbv)	Calc Amt (ng)	Temp ("F)	Uptake Rate (mL/min	Sample Time (min)	LOD (ug/m³)	LOQ (ug/m³)	LOD (ppbv)	LOQ (ppbv)	Flags	Data File	Inj DateTime	CCV RRF	Ret Time (min)	Target Area	ISTD Area	ISTD Amt	ISTD RT	ISTD Change
IRVSEA-17-S-20250904	C01517	0.297	0.0684	2.71	60.3	0.453	20160	0.274	0.558	0.0631	0.129	J,Pc	N2505990.D	2025-10-03 12:01	0.693	13.478	19718	1140193	108.6	10.597	3.8%

J: Estimated Value - The analyte was detected between the Method Detection Limit and Reporting Limit
ND: The analyte was not present above the Method Detection Limit
P: Field duplicate(s) exceed 30%RPD
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

QC Data

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG306-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	IRVSEA-2-B-20250904	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
	IRVSEA-8-B-20250904	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	IRVSEA-2-D-20250904	25%	Pass	33%	Fail	28%	Pass	39%	Fail	35%	Fail
	IRVSEA-8-D-20250904	0.10%	Pass	3.9%	Pass	3.4%	Pass	5.7%	Pass	5.3%	Pass

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG306-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Benzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2505967.D	C67416	Cal	1.026		1.026	1.1%	5.4%		Pass	
2025GG306 Method Blank-1	N2505968.D	C17176	Blank			1.026			-5.9%	Pass	ND
M325B CCV 5 REC	N2505980.D	C67323	Check	1.057		1.026	4.2%		-16%	Pass	
M325B CCV 5 REC	N2505991.D	C70088	Check	1.034		1.026	1.9%		6.4%	Pass	

Toluene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2505967.D	C67416	Cal	0.843		0.843	6.9%	-15%		Pass	
2025GG306 Method Blank-1	N2505968.D	C17176	Blank			0.843			-0.067%	Pass	ND
M325B CCV 5 REC	N2505980.D	C67323	Check	0.945		0.843	20%		-8.7%	Pass	
M325B CCV 5 REC	N2505991.D	C70088	Check	0.914		0.843	16%		9.6%	Pass	

Ethylbenzene Calibration and Blanks

Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2505967.D	C67416	Cal	0.935		0.935	-5.8%	-15%		Pass	
2025GG306 Method Blank-1	N2505968.D	C17176	Blank			0.935			-0.067%	Pass	ND
M325B CCV 5 REC	N2505980.D	C67323	Check	1.017		0.935	2.4%		-8.7%	Pass	
M325B CCV 5 REC	N2505991.D	C70088	Check	0.992		0.935	-0.18%		9.6%	Pass	

m-/p-Xylenes Calibration and Blanks

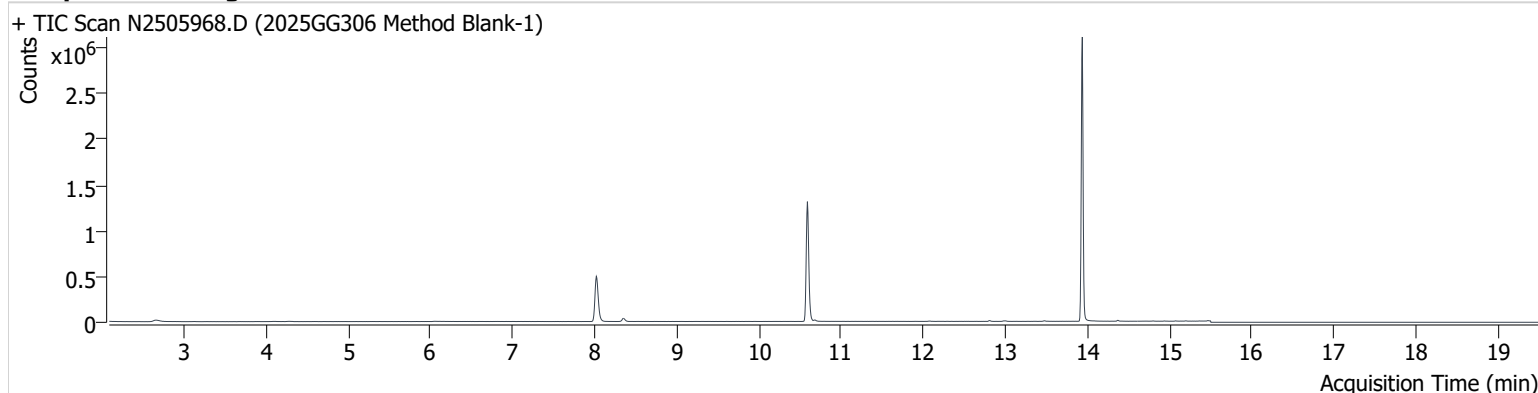
Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2505967.D	C67416	Cal	0.642		0.642	-13%	-15%		Pass	
2025GG306 Method Blank-1	N2505968.D	C17176	Blank			0.642			-0.067%	Pass	ND
M325B CCV 5 REC	N2505980.D	C67323	Check	0.668		0.642	-9.3%		-8.7%	Pass	
M325B CCV 5 REC	N2505991.D	C70088	Check	0.779		0.642	5.7%		9.6%	Pass	

o-Xylene Calibration and Blanks

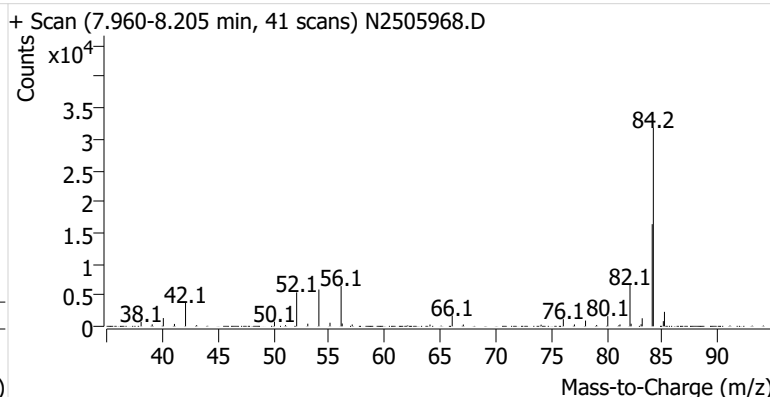
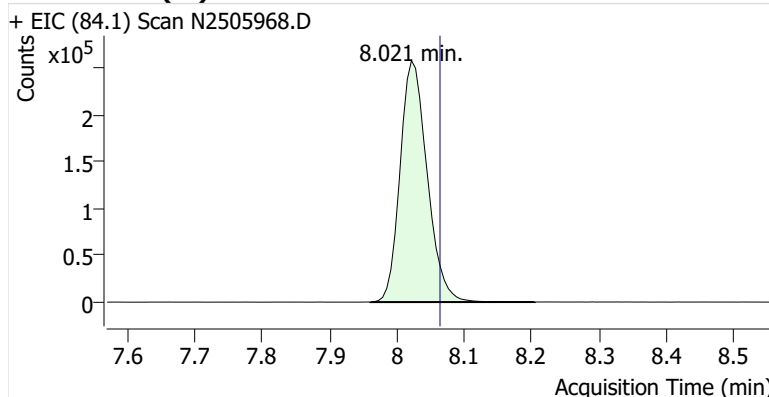
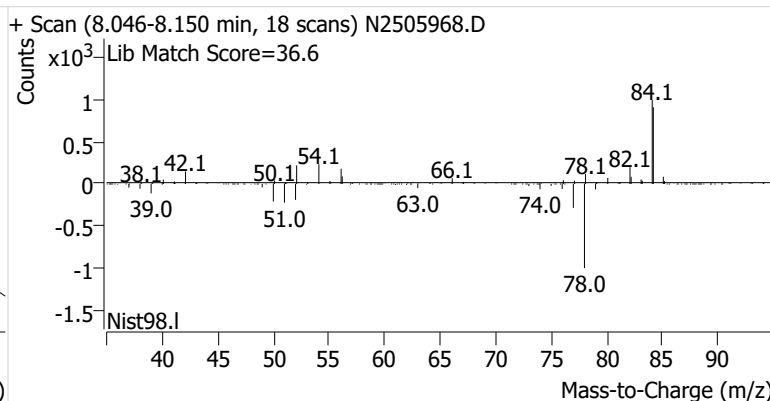
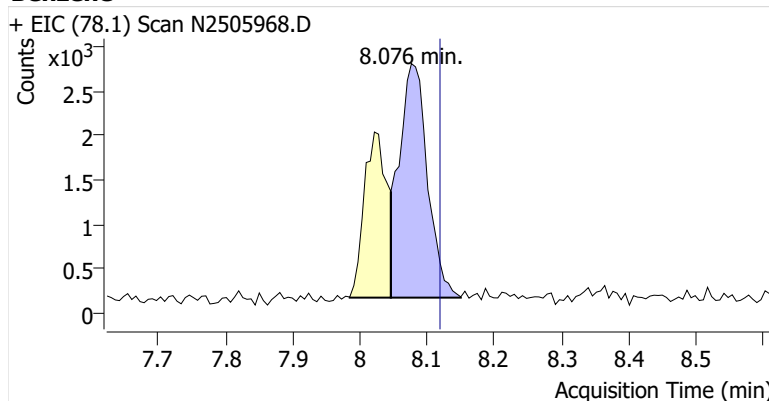
Sample Code	Data File	Tube ID	Type	RRF	ICAL RRF	Last CCV RRF	RRF Change	ISTD Change vs ICal	ISTD Change vs Concal	Pass/Fail	Flags
M325B CCV 5 REC	N2505967.D	C67416	Cal	0.693		0.693	-13%	-15%		Pass	
2025GG306 Method Blank-1	N2505968.D	C17176	Blank			0.693			-0.067%	Pass	ND
M325B CCV 5 REC	N2505980.D	C67323	Check	0.661		0.693	-17%		-8.7%	Pass	
M325B CCV 5 REC	N2505991.D	C70088	Check	0.828		0.693	3.8%		9.6%	Pass	

Chromatograms

Name 2025GG306 Method Blank-1
Comment C17176
Data File N2505968.D
Acq. Date-Time 10/2/2025 7:59:19 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

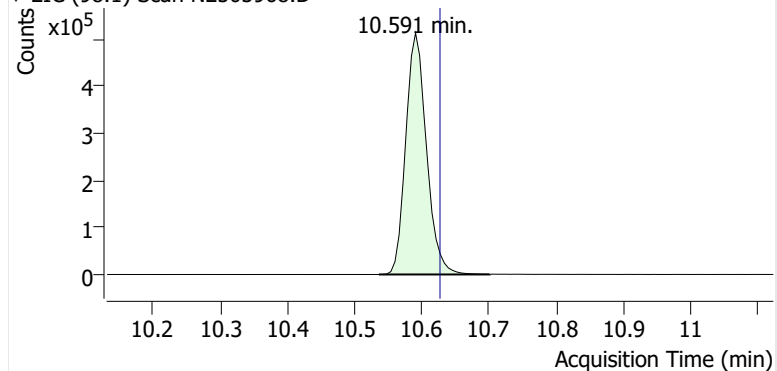
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	724,026	
Benzene	Benzene-d6 (IS)	8.076	8.119	7,765	
Toluene-d8 (IS)		10.591	10.627	1,098,232	
Toluene	Toluene-d8 (IS)	10.683	10.719	11,425	
Ethylbenzene	Toluene-d8 (IS)	12.806	12.842	7,057	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	6,134	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	4,059	

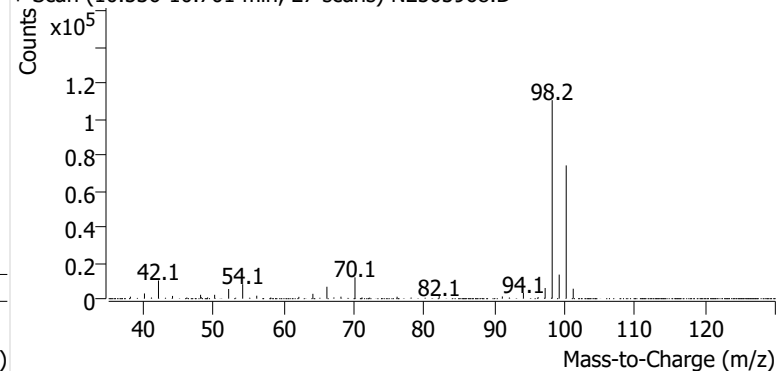
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

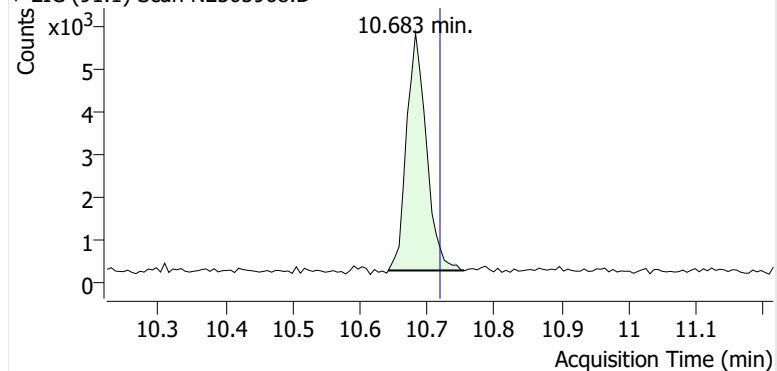
+ EIC (98.1) Scan N2505968.D



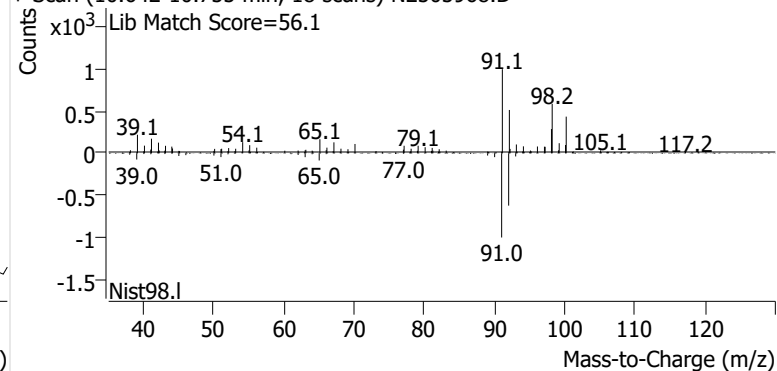
+ Scan (10.536-10.701 min, 27 scans) N2505968.D

**Toluene**

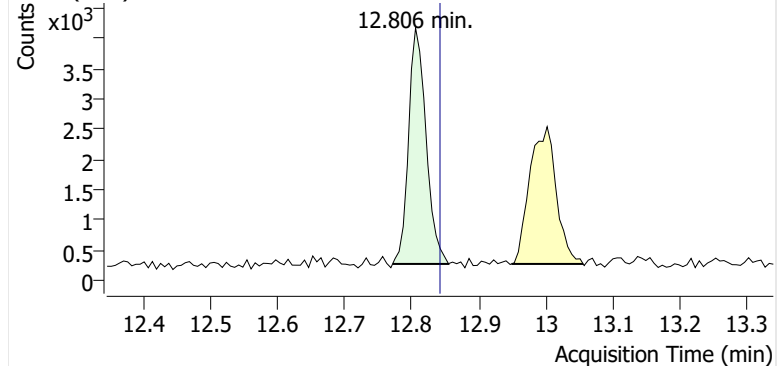
+ EIC (91.1) Scan N2505968.D



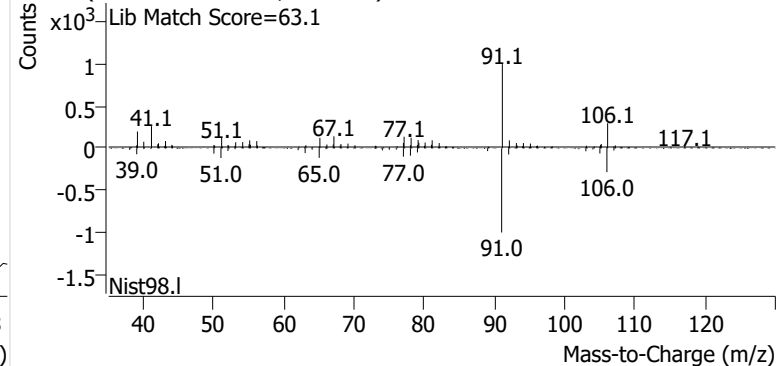
+ Scan (10.642-10.755 min, 18 scans) N2505968.D

**Ethylbenzene**

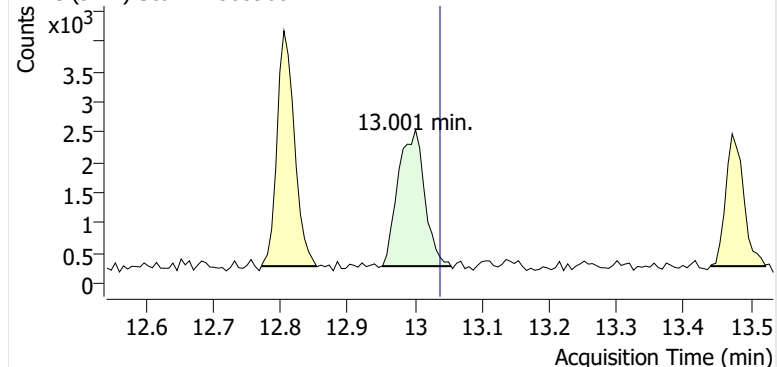
+ EIC (91.1) Scan N2505968.D



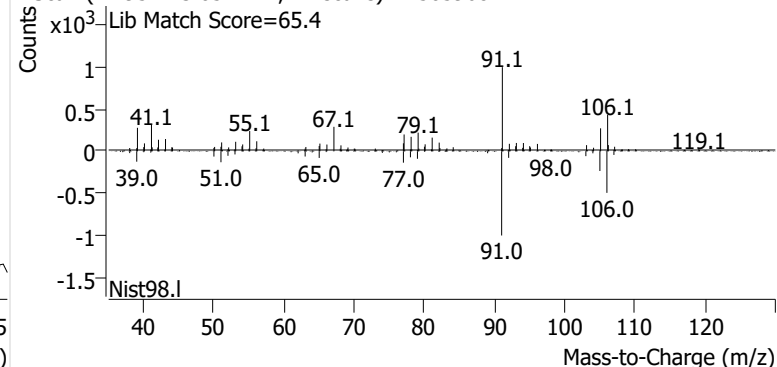
+ Scan (12.771-12.854 min, 14 scans) N2505968.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505968.D

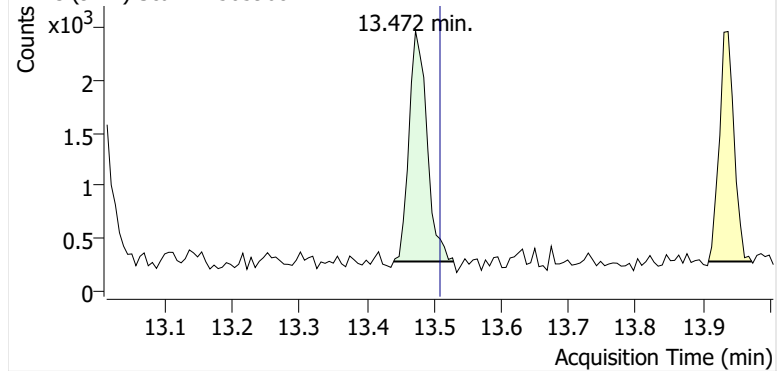


+ Scan (12.951-13.054 min, 17 scans) N2505968.D

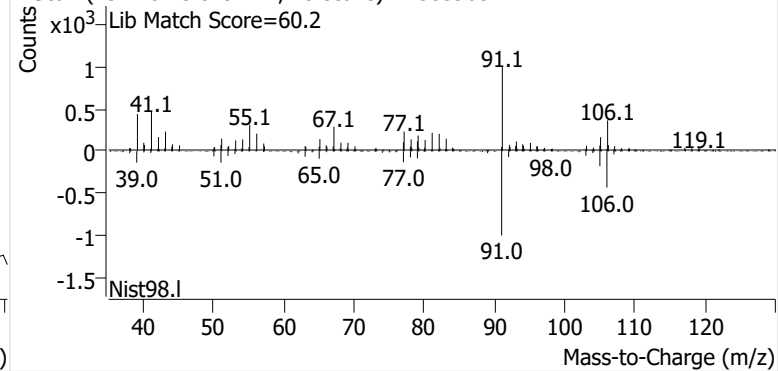


o-Xylene

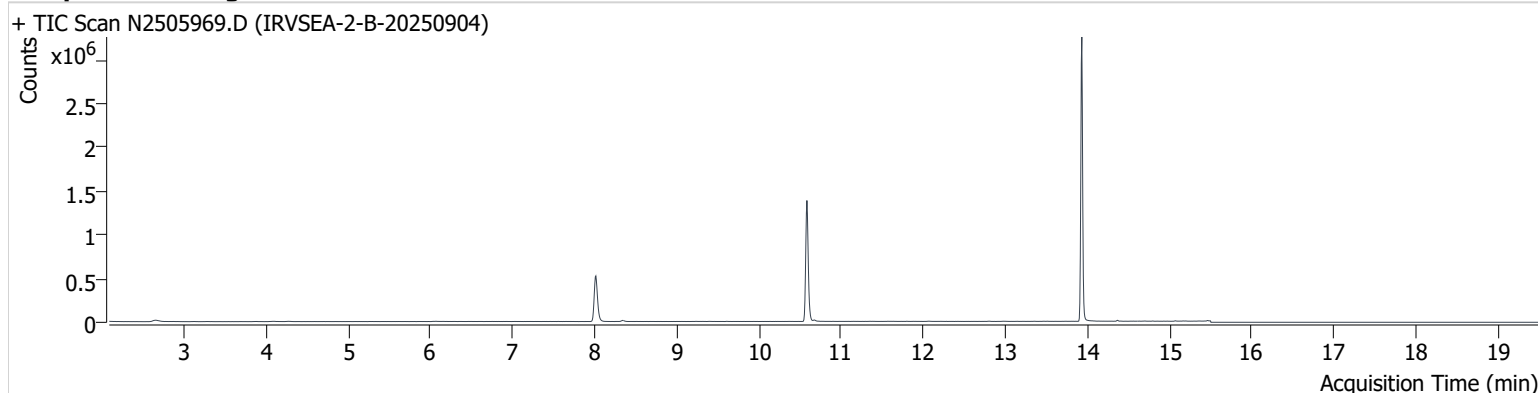
+ EIC (91.1) Scan N2505968.D



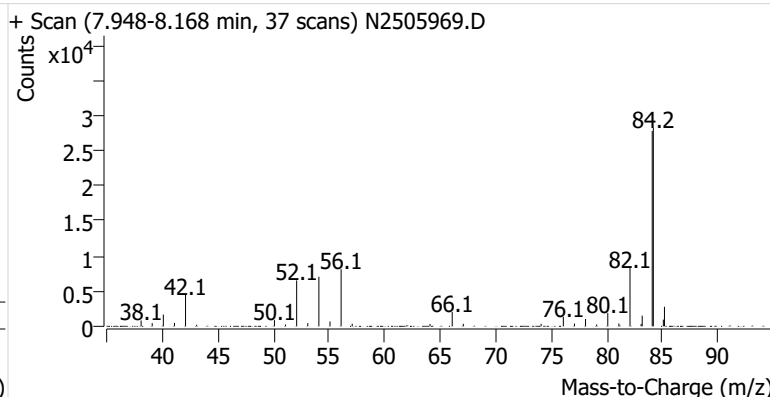
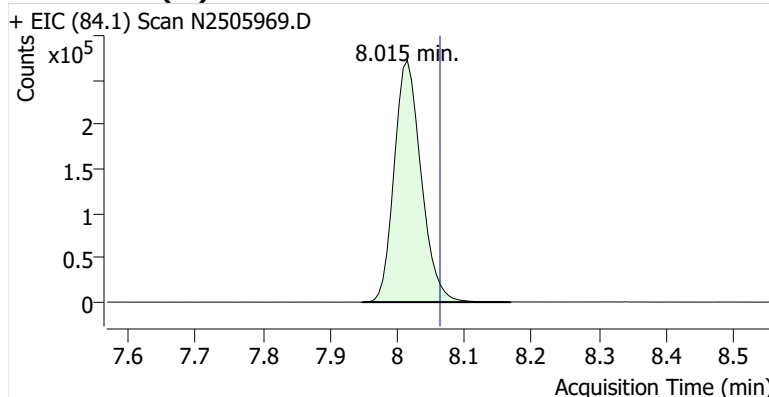
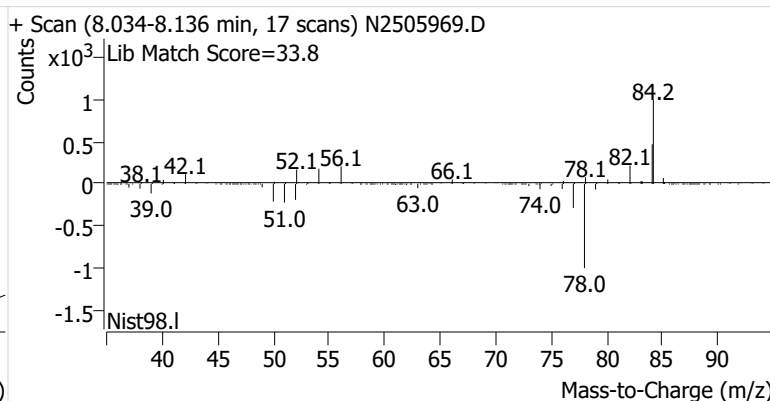
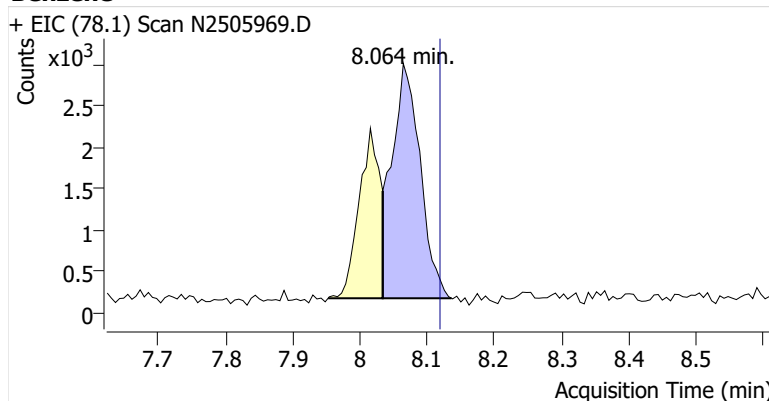
+ Scan (13.440-13.529 min, 15 scans) N2505968.D



Name IRVSEA-2-B-20250904
Comment B47840
Data File N2505969.D
Acq. Date-Time 10/2/2025 9:42:57 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

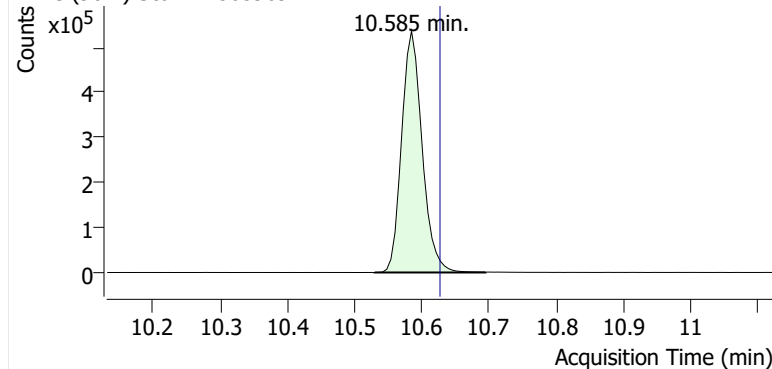
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.015	8.064	759,732	
Benzene	Benzene-d6 (IS)	8.064	8.119	8,348	
Toluene-d8 (IS)		10.585	10.627	1,139,158	
Toluene	Toluene-d8 (IS)	10.677	10.719	11,287	
Ethylbenzene	Toluene-d8 (IS)	12.799	12.842	2,064	
m-/p-Xylenes	Toluene-d8 (IS)	12.965	13.038	1,797	
o-Xylene	Toluene-d8 (IS)	13.466	13.509	945	

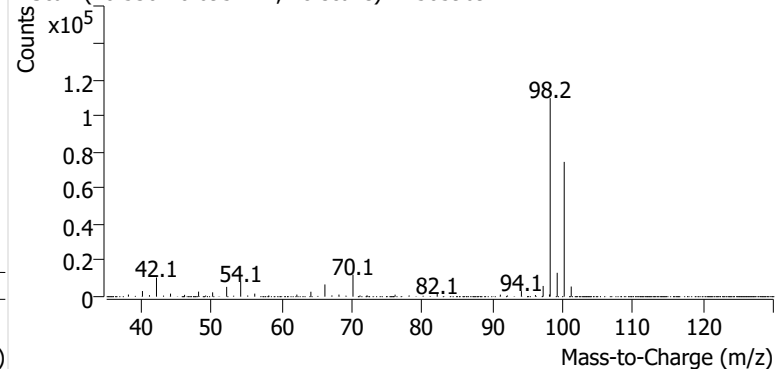
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

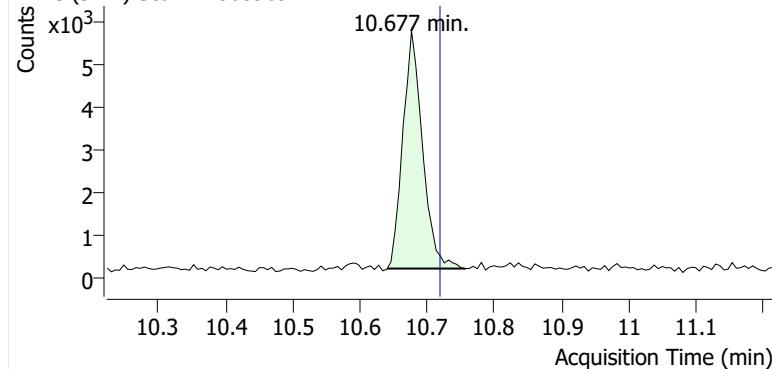
+ EIC (98.1) Scan N2505969.D



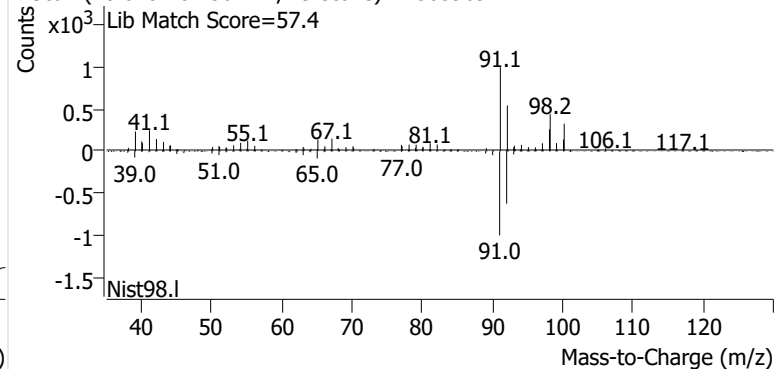
+ Scan (10.530-10.695 min, 28 scans) N2505969.D

**Toluene**

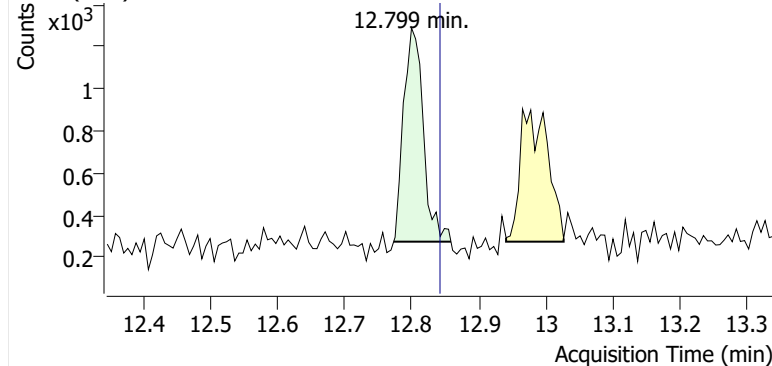
+ EIC (91.1) Scan N2505969.D



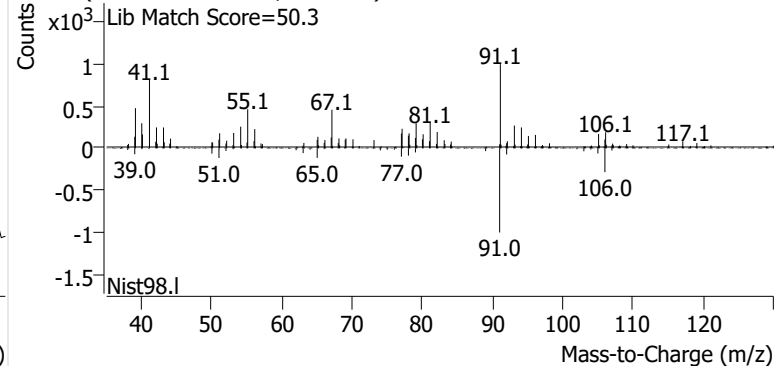
+ Scan (10.640-10.756 min, 19 scans) N2505969.D

**Ethylbenzene**

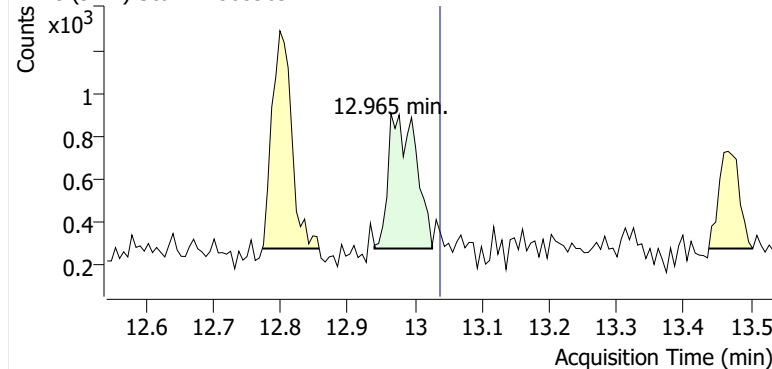
+ EIC (91.1) Scan N2505969.D



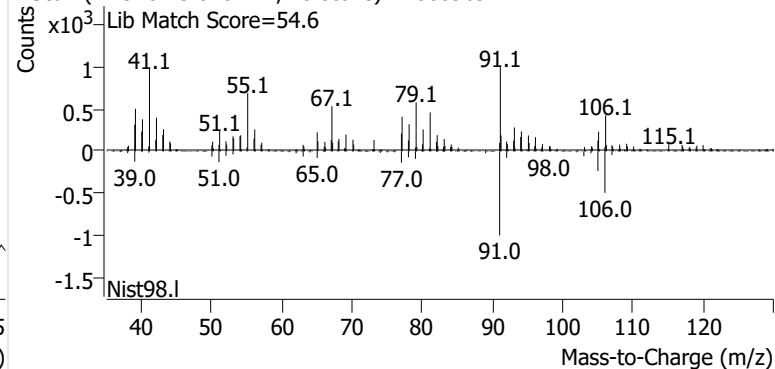
+ Scan (12.773-12.858 min, 14 scans) N2505969.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505969.D

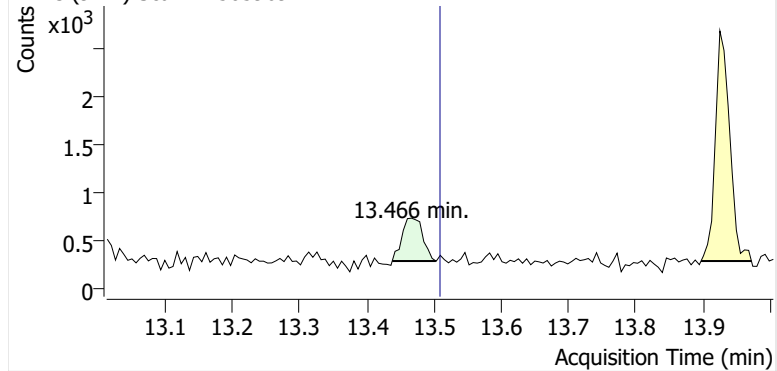


+ Scan (12.940-13.026 min, 15 scans) N2505969.D

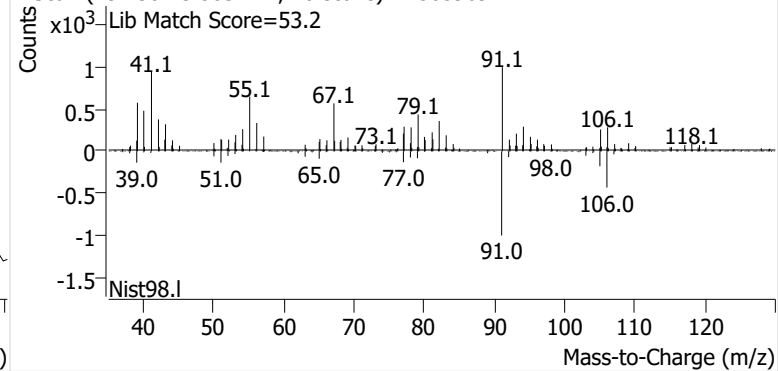


o-Xylene

+ EIC (91.1) Scan N2505969.D

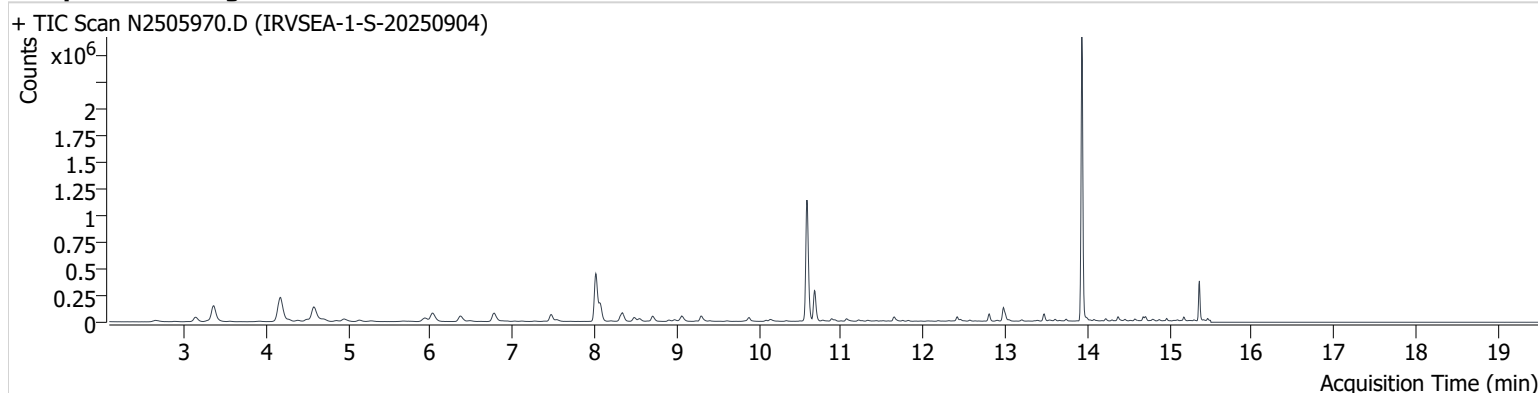


+ Scan (13.438-13.503 min, 10 scans) N2505969.D



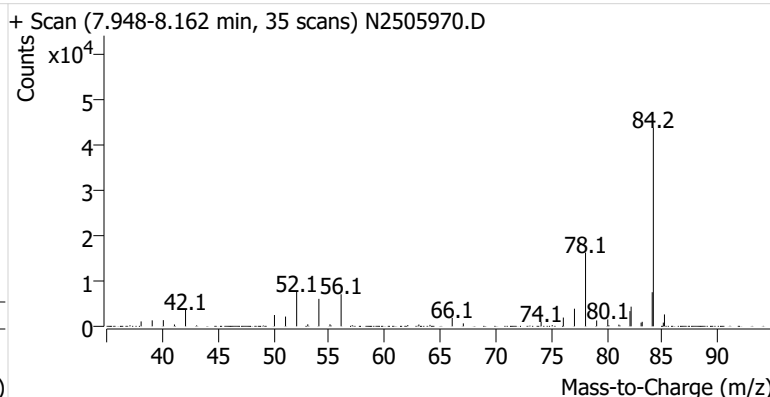
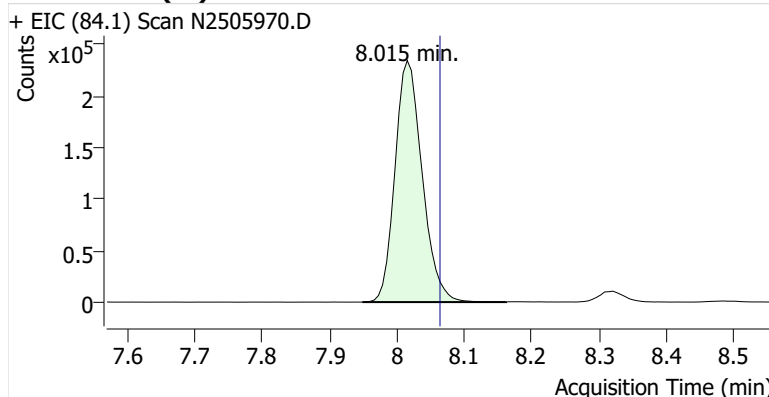
Name IRVSEA-1-S-20250904
Comment B20686
Data File N2505970.D
Acq. Date-Time 10/2/2025 10:22:52 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

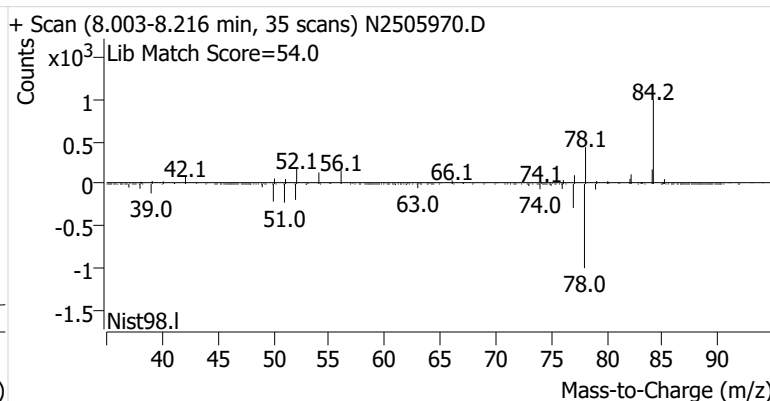
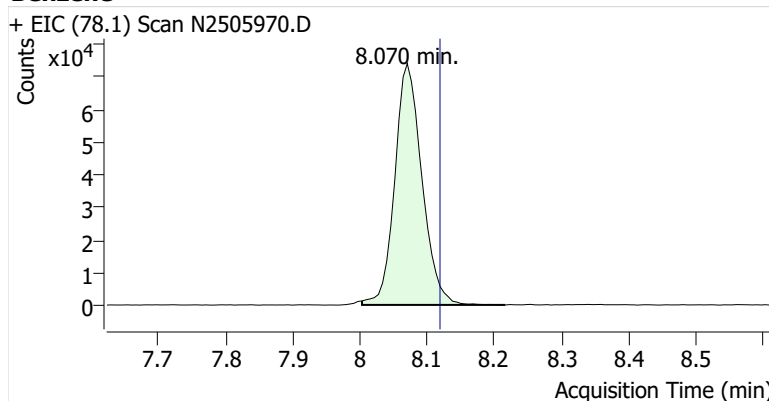


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.015	8.064	659,830	
Benzene	Benzene-d6 (IS)	8.070	8.119	207,381	
Toluene-d8 (IS)		10.585	10.627	986,045	
Toluene	Toluene-d8 (IS)	10.676	10.719	253,946	
Ethylbenzene	Toluene-d8 (IS)	12.805	12.842	53,215	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	111,892	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	43,690	

Benzene-d6 (IS)

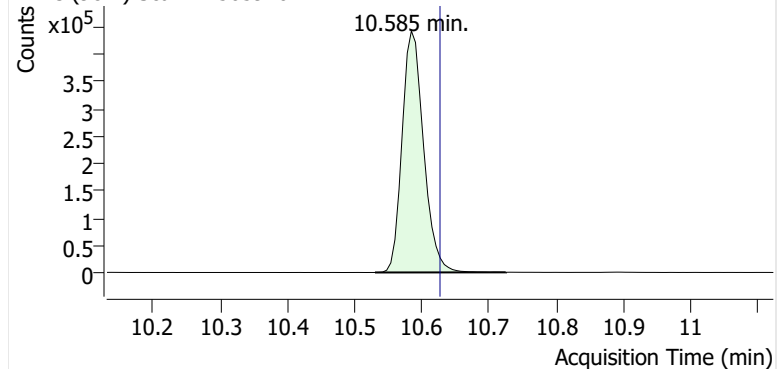


Benzene

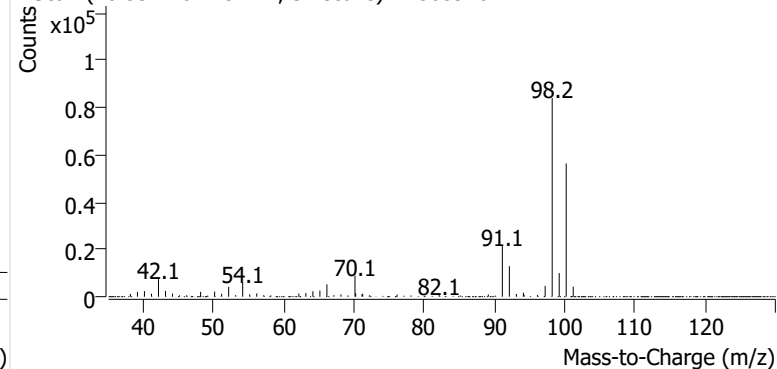


Toluene-d8 (IS)

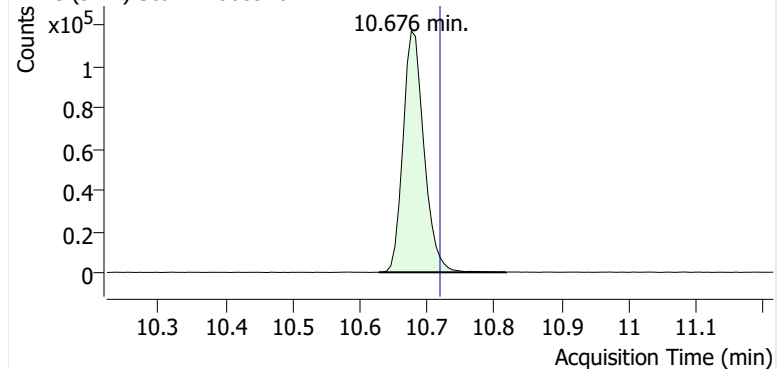
+ EIC (98.1) Scan N2505970.D



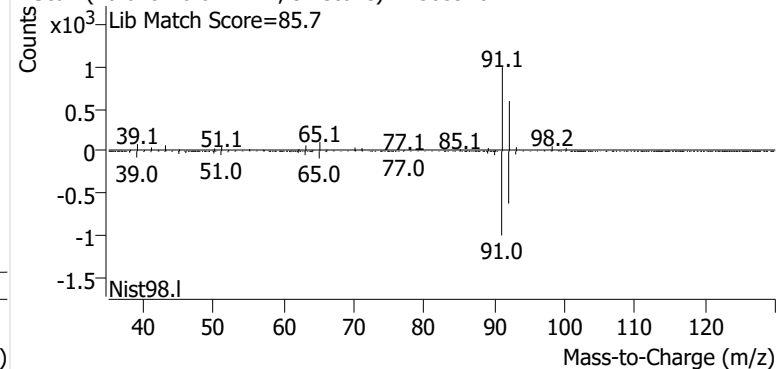
+ Scan (10.531-10.725 min, 32 scans) N2505970.D

**Toluene**

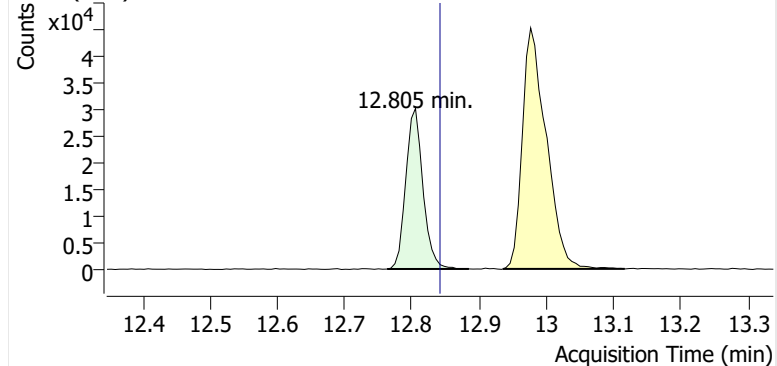
+ EIC (91.1) Scan N2505970.D



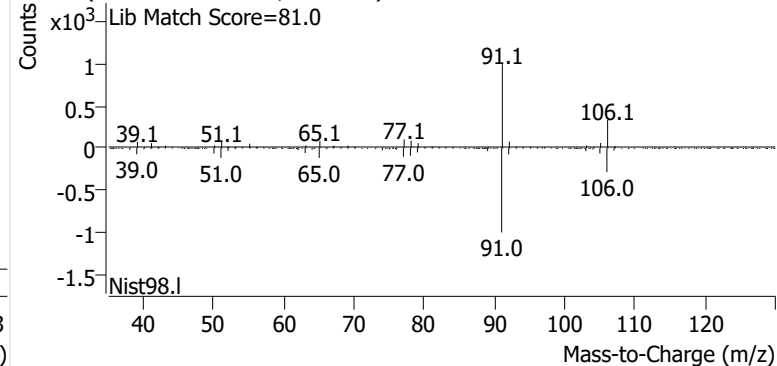
+ Scan (10.628-10.817 min, 31 scans) N2505970.D

**Ethylbenzene**

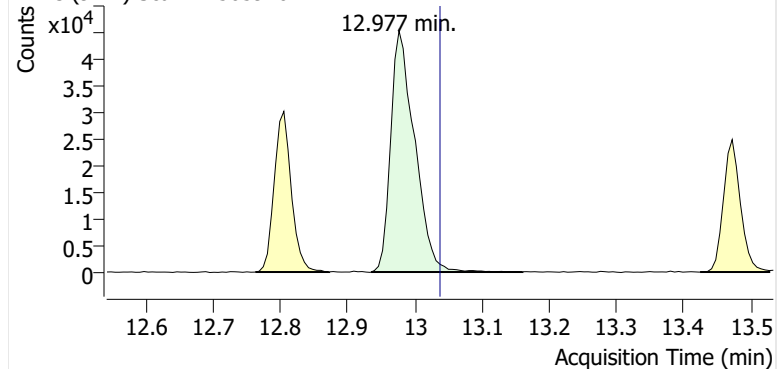
+ EIC (91.1) Scan N2505970.D



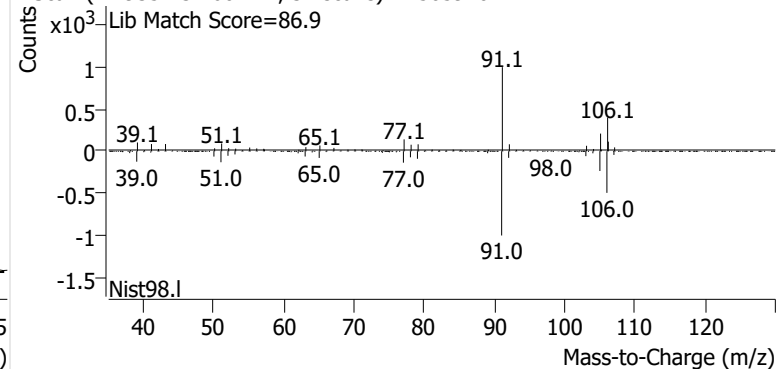
+ Scan (12.763-12.885 min, 19 scans) N2505970.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505970.D

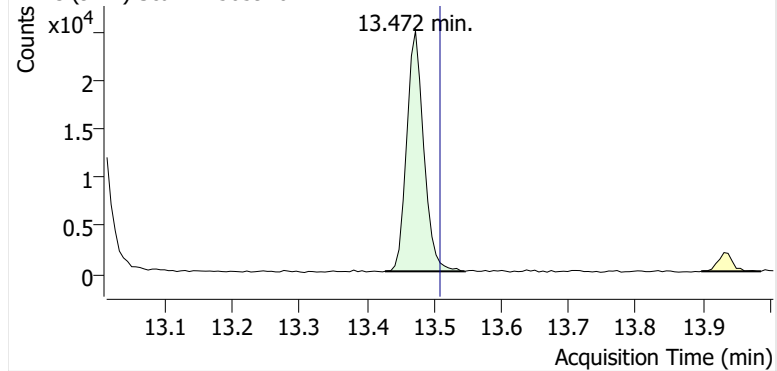


+ Scan (12.935-13.160 min, 37 scans) N2505970.D

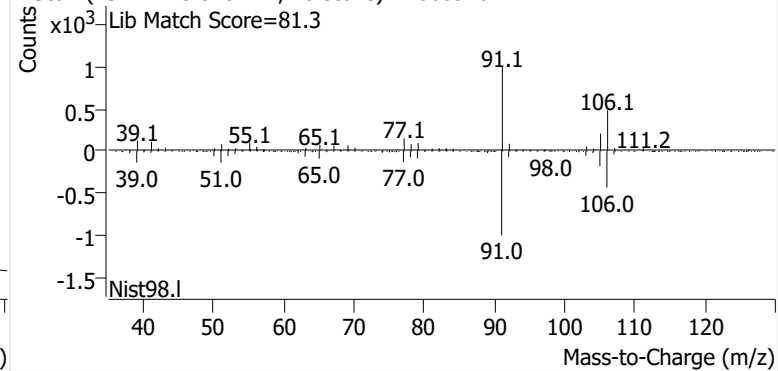


o-Xylene

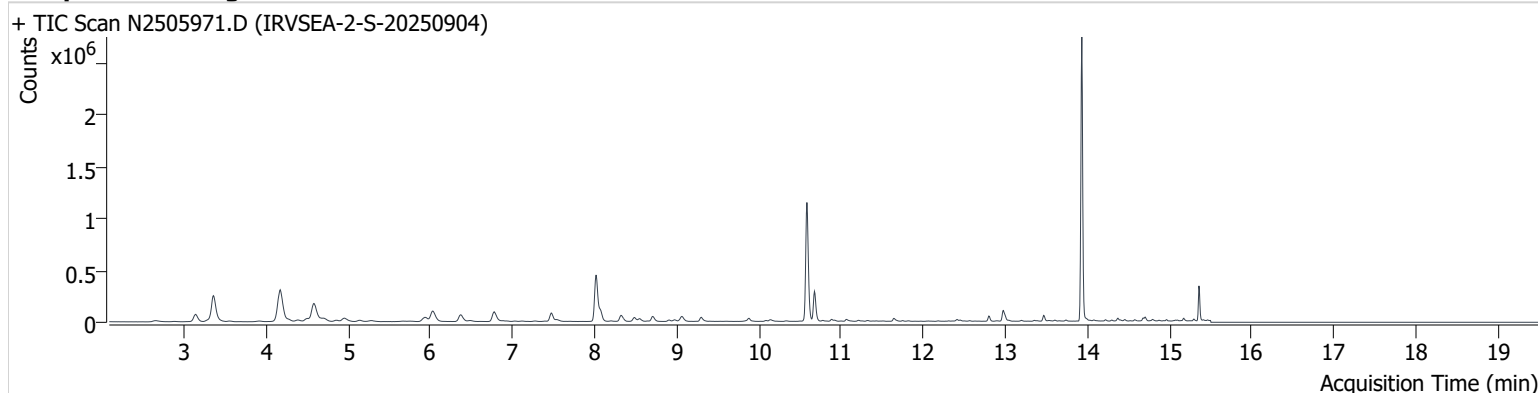
+ EIC (91.1) Scan N2505970.D



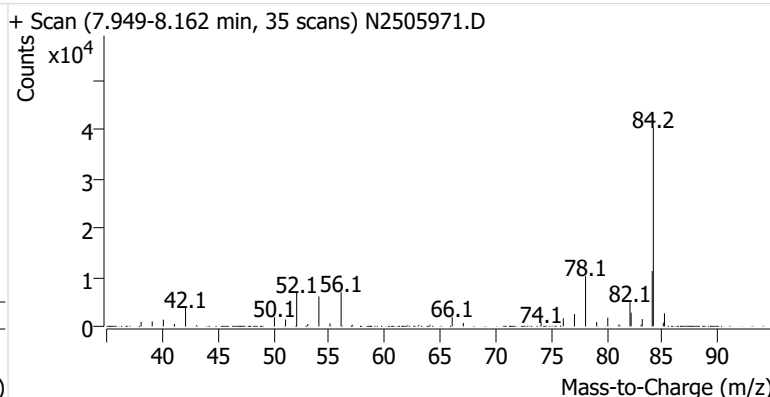
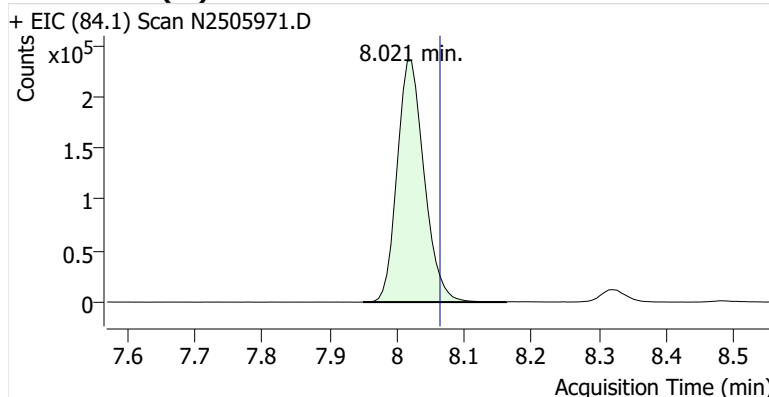
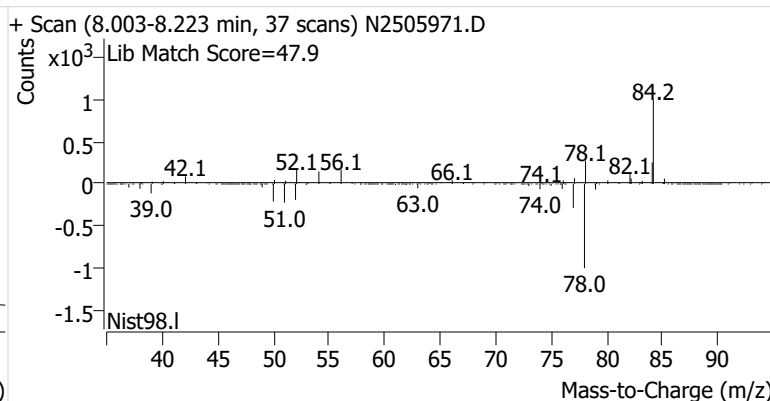
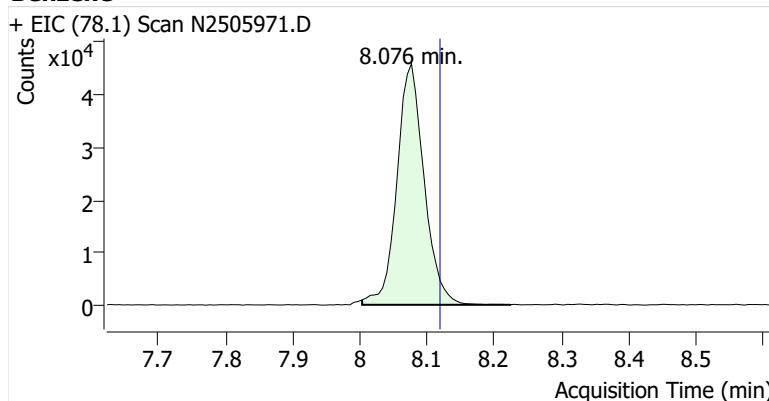
+ Scan (13.427-13.546 min, 20 scans) N2505970.D



Name IRVSEA-2-S-20250904
Comment B46063
Data File N2505971.D
Acq. Date-Time 10/2/2025 11:02:48 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

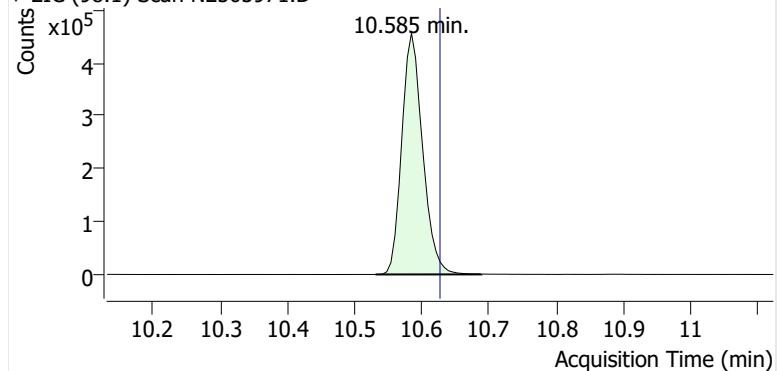
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	661,167	
Benzene	Benzene-d6 (IS)	8.076	8.119	128,426	
Toluene-d8 (IS)		10.585	10.627	982,183	
Toluene	Toluene-d8 (IS)	10.677	10.719	249,781	
Ethylbenzene	Toluene-d8 (IS)	12.799	12.842	40,072	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	92,680	
o-Xylene	Toluene-d8 (IS)	13.466	13.509	35,977	

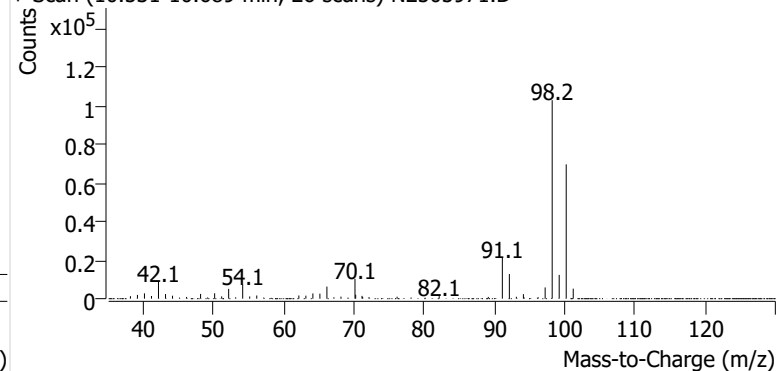
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

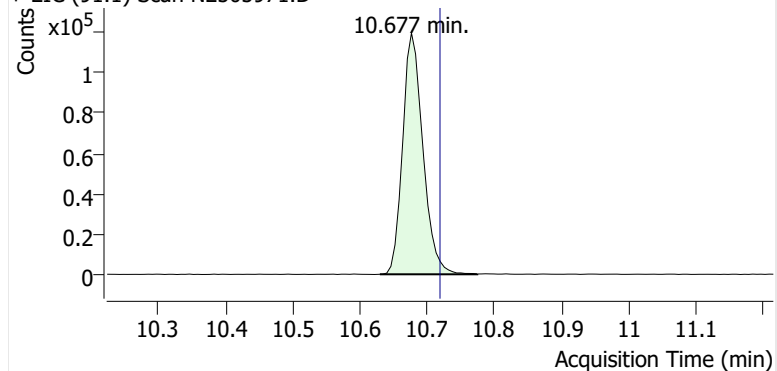
+ EIC (98.1) Scan N2505971.D



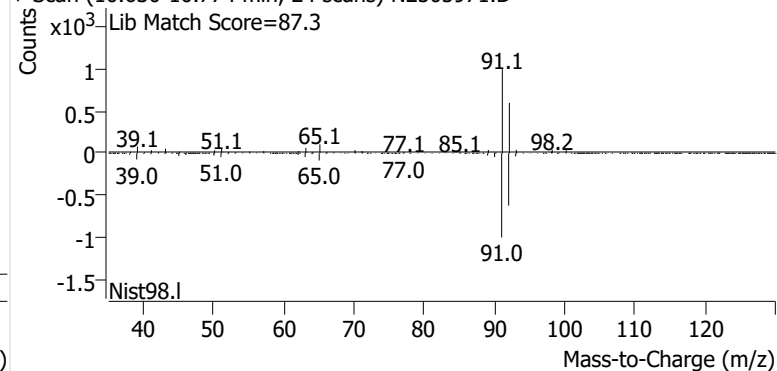
+ Scan (10.531-10.689 min, 26 scans) N2505971.D

**Toluene**

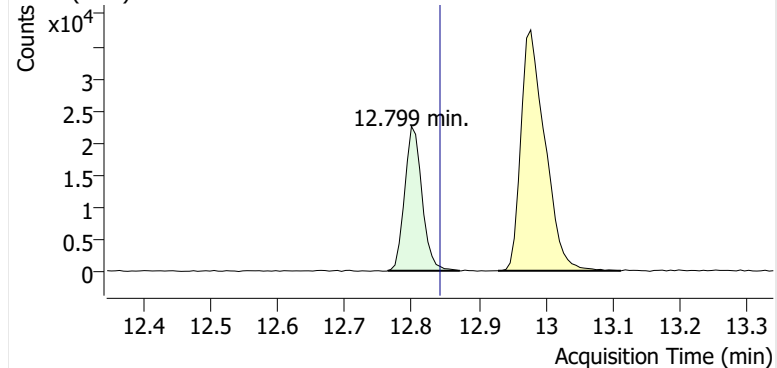
+ EIC (91.1) Scan N2505971.D



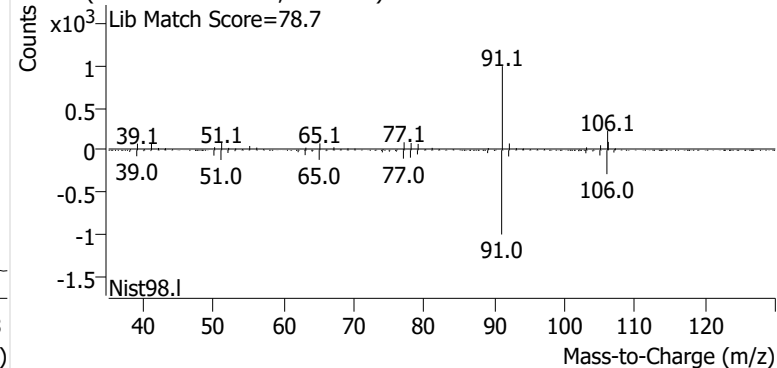
+ Scan (10.630-10.774 min, 24 scans) N2505971.D

**Ethylbenzene**

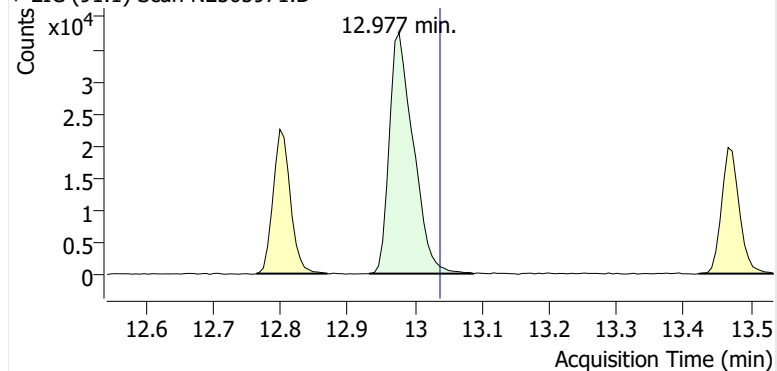
+ EIC (91.1) Scan N2505971.D



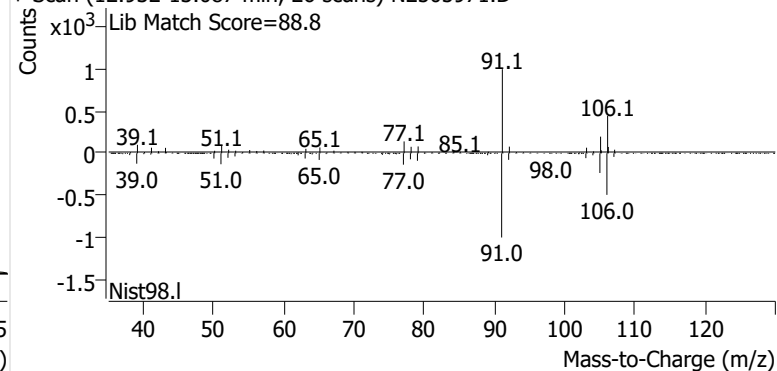
+ Scan (12.764-12.871 min, 17 scans) N2505971.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505971.D

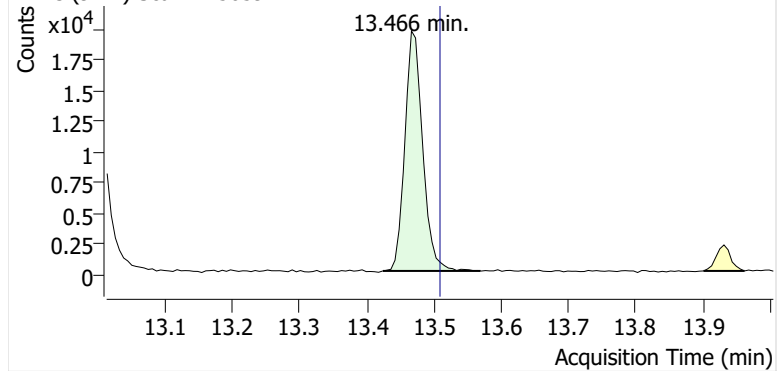


+ Scan (12.932-13.087 min, 26 scans) N2505971.D

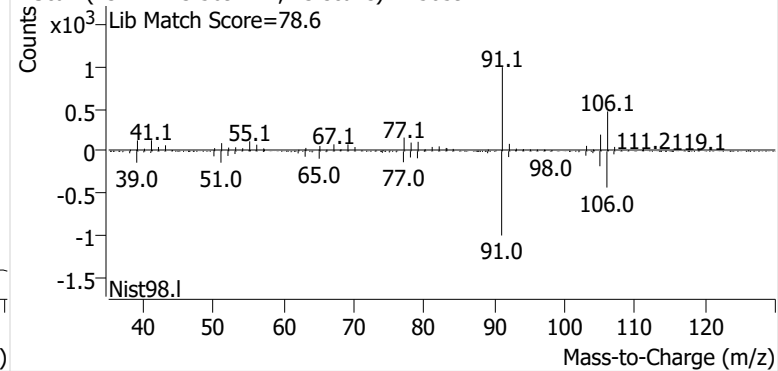


o-Xylene

+ EIC (91.1) Scan N2505971.D

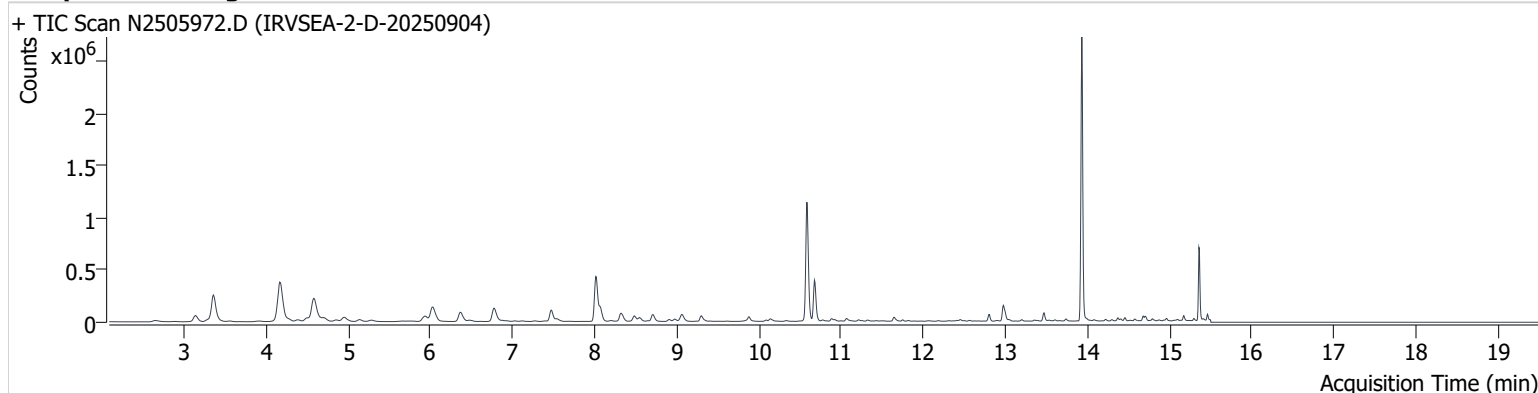


+ Scan (13.424-13.569 min, 23 scans) N2505971.D



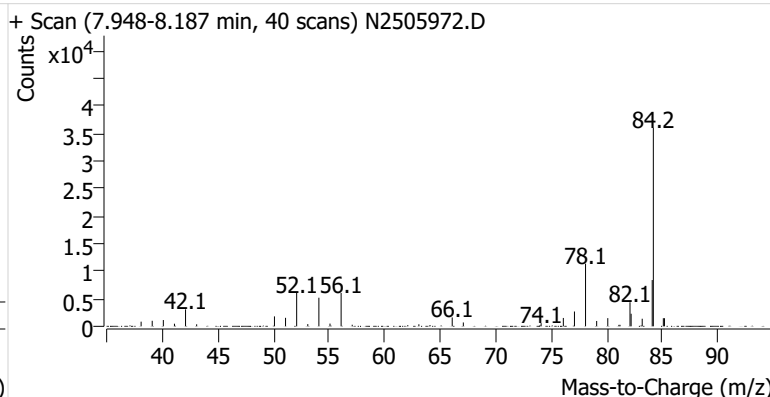
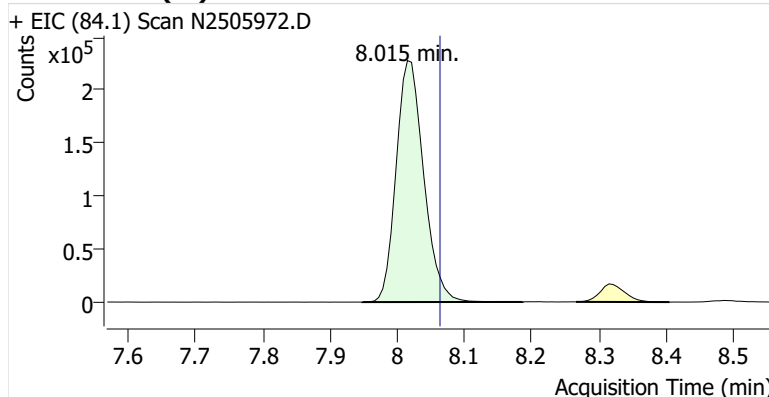
Name IRVSEA-2-D-20250904
Comment C55571
Data File N2505972.D
Acq. Date-Time 10/2/2025 11:42:47 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

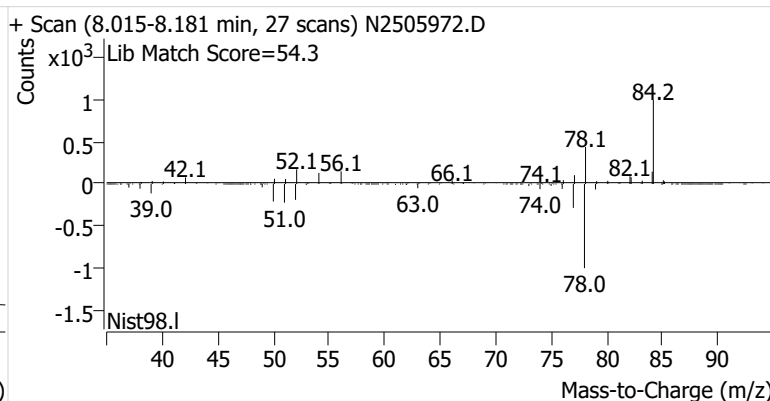
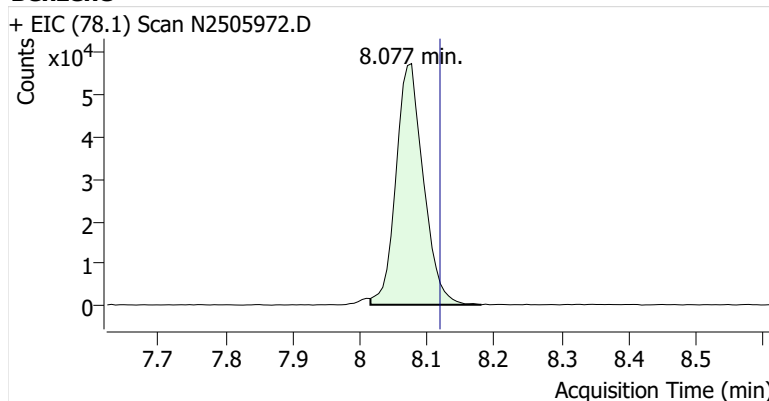


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.015	8.064	649,313	
Benzene	Benzene-d6 (IS)	8.077	8.119	162,356	
Toluene-d8 (IS)		10.585	10.627	976,656	
Toluene	Toluene-d8 (IS)	10.677	10.719	345,561	
Ethylbenzene	Toluene-d8 (IS)	12.800	12.842	52,570	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	137,116	
o-Xylene	Toluene-d8 (IS)	13.473	13.509	51,073	

Benzene-d6 (IS)

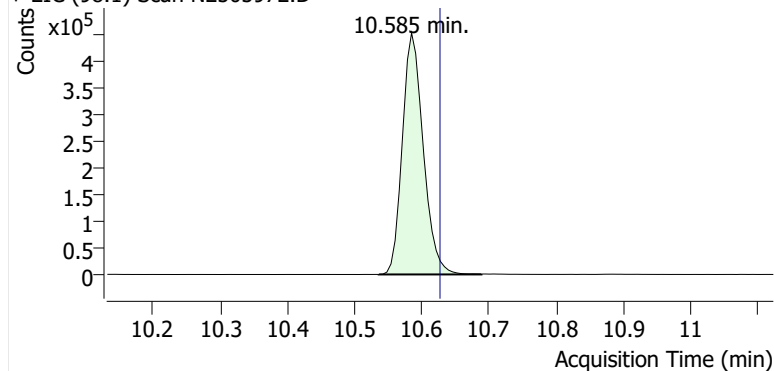


Benzene

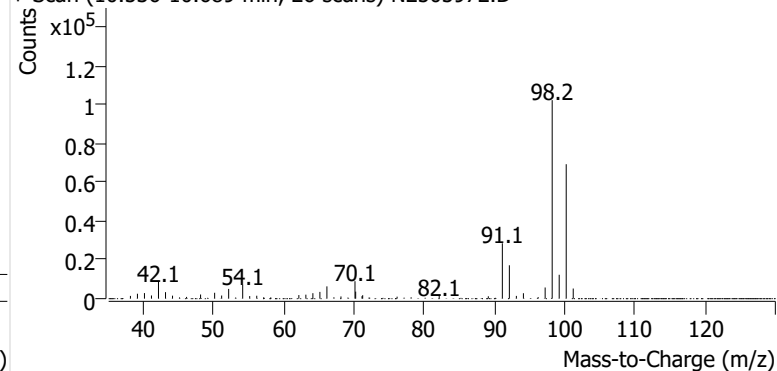


Toluene-d8 (IS)

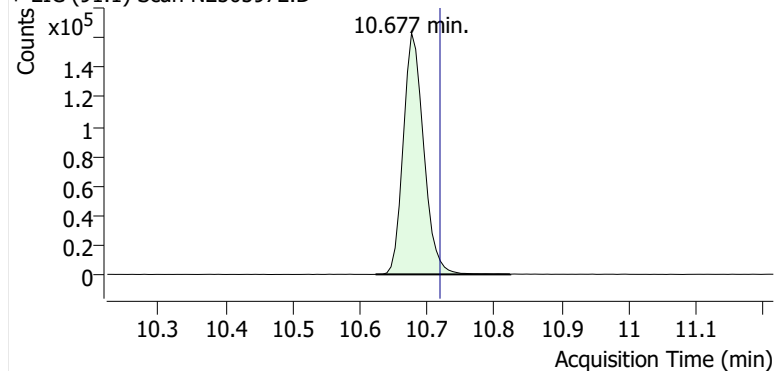
+ EIC (98.1) Scan N2505972.D



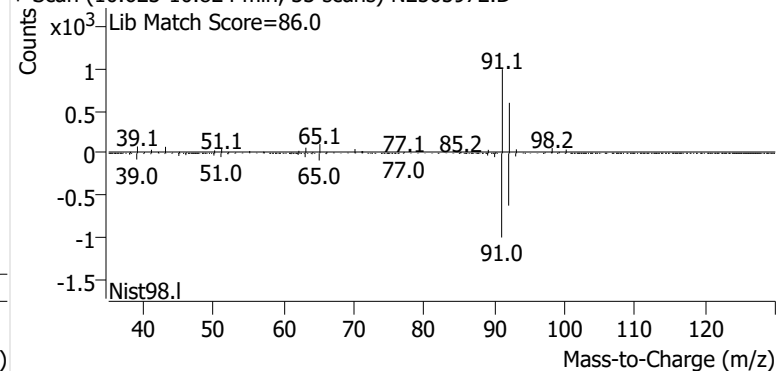
+ Scan (10.536-10.689 min, 26 scans) N2505972.D

**Toluene**

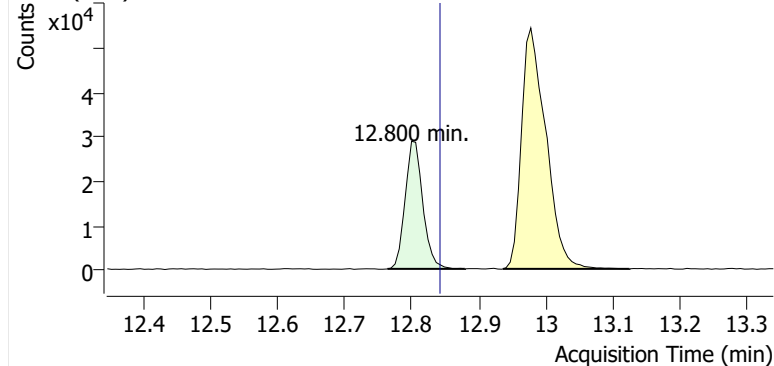
+ EIC (91.1) Scan N2505972.D



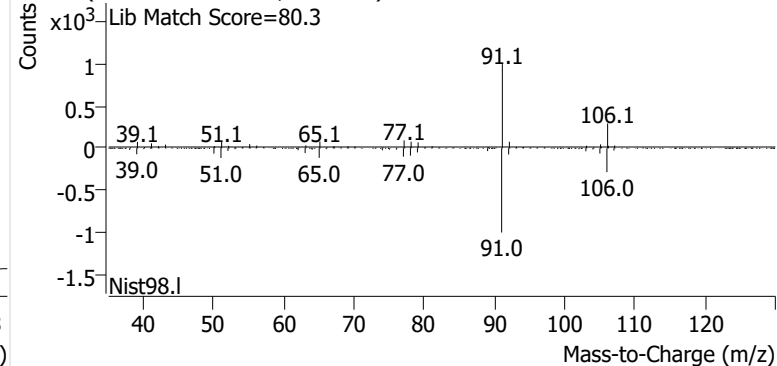
+ Scan (10.623-10.824 min, 33 scans) N2505972.D

**Ethylbenzene**

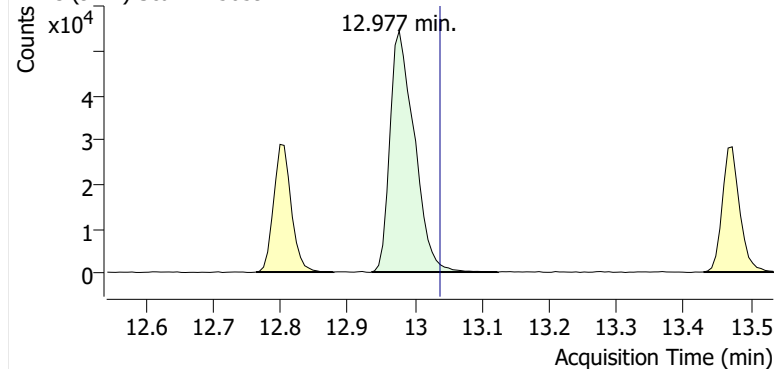
+ EIC (91.1) Scan N2505972.D



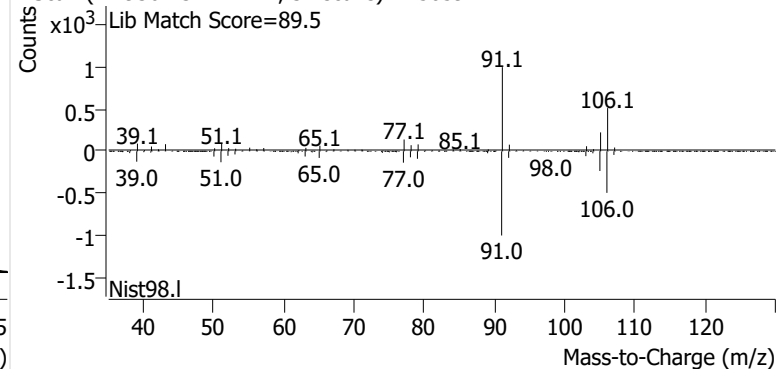
+ Scan (12.764-12.879 min, 19 scans) N2505972.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505972.D

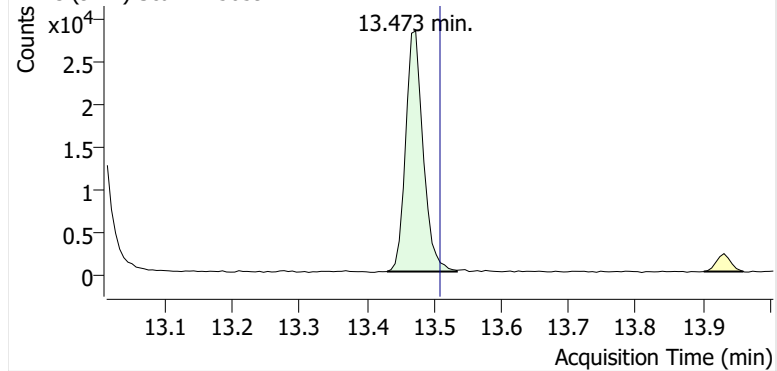


+ Scan (12.936-13.124 min, 31 scans) N2505972.D

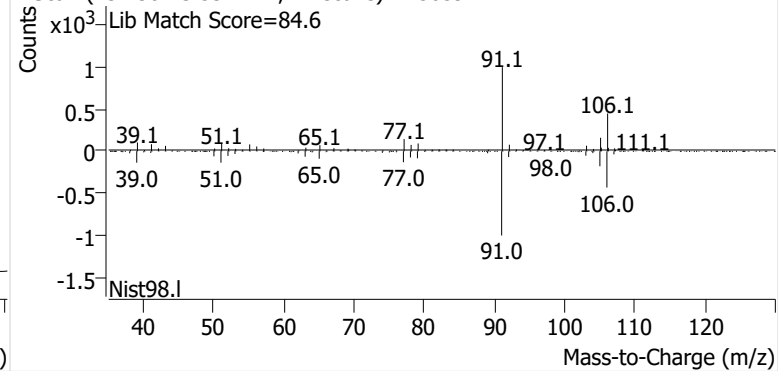


o-Xylene

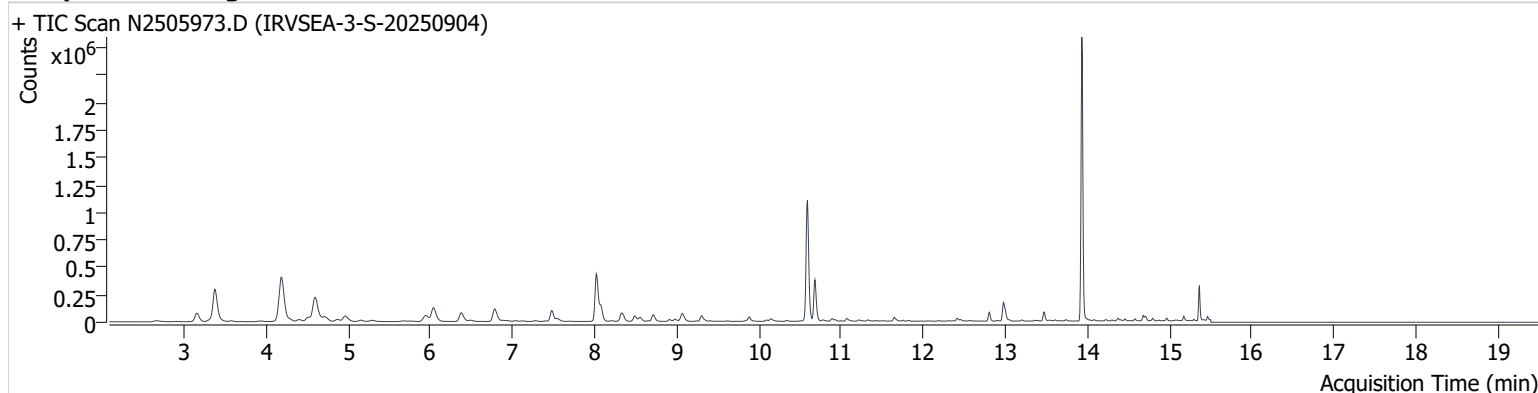
+ EIC (91.1) Scan N2505972.D



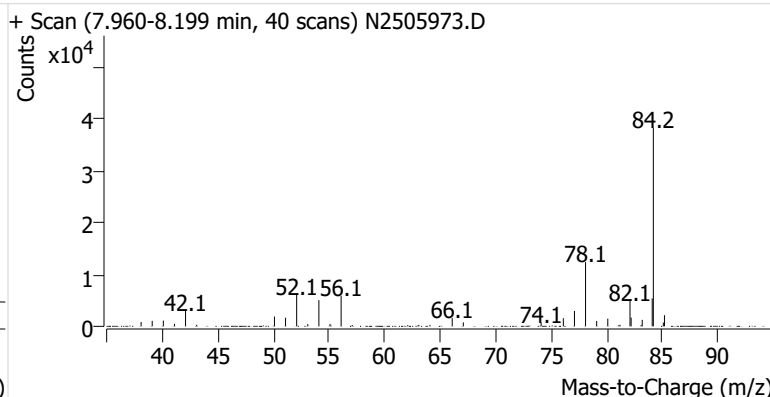
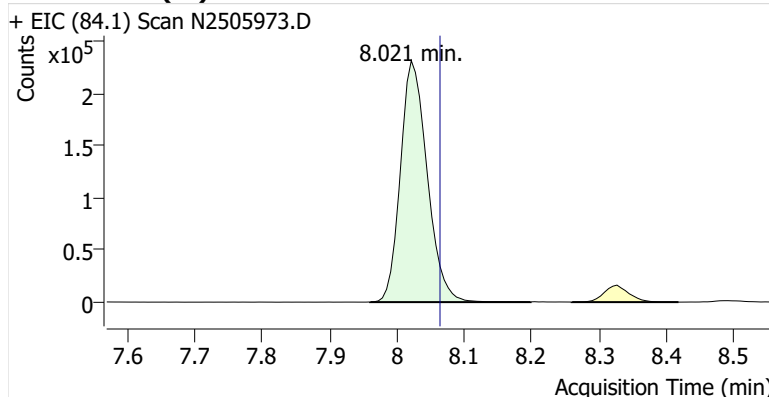
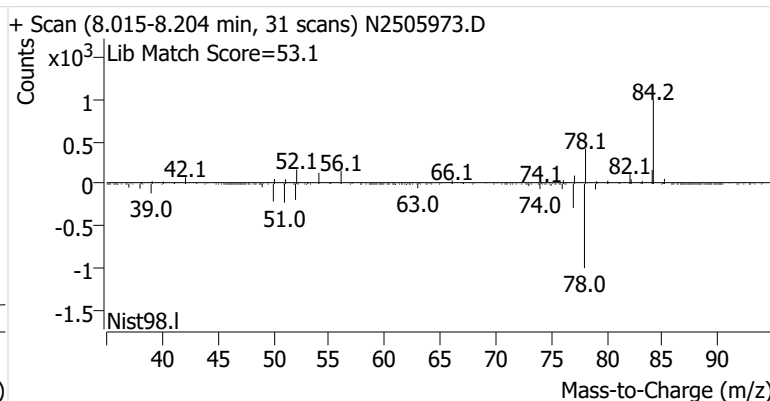
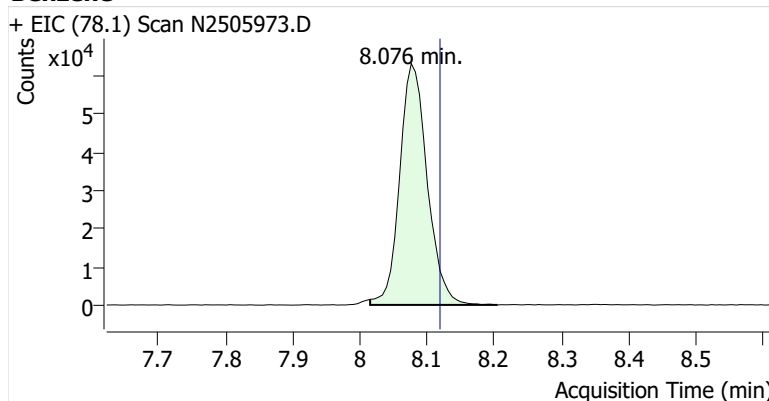
+ Scan (13.430-13.534 min, 17 scans) N2505972.D



Name IRVSEA-3-S-20250904
Comment B19915
Data File N2505973.D
Acq. Date-Time 10/3/2025 12:22:44 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

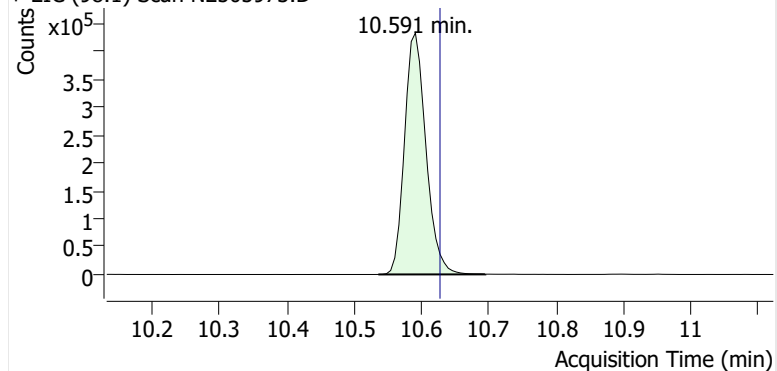
Sample Chromatogram

Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	641,379	
Benzene	Benzene-d6 (IS)	8.076	8.119	179,037	
Toluene-d8 (IS)		10.591	10.627	956,740	
Toluene	Toluene-d8 (IS)	10.682	10.719	322,225	
Ethylbenzene	Toluene-d8 (IS)	12.805	12.842	64,439	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	153,698	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	54,278	

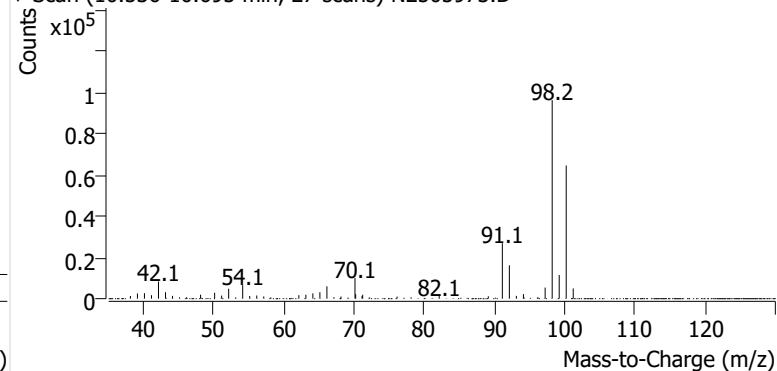
Benzene-d6 (IS)**Benzene**

Toluene-d8 (IS)

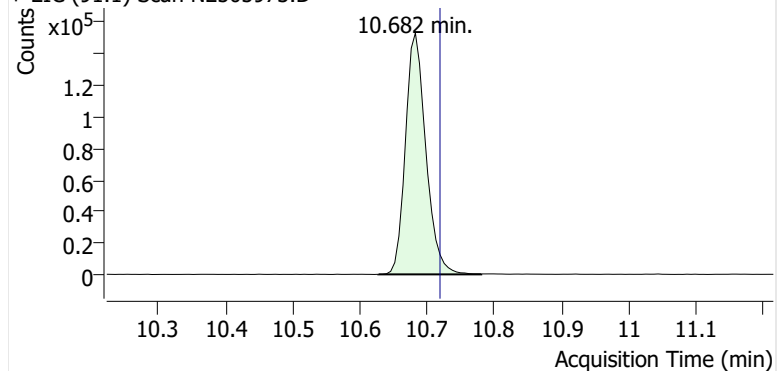
+ EIC (98.1) Scan N2505973.D



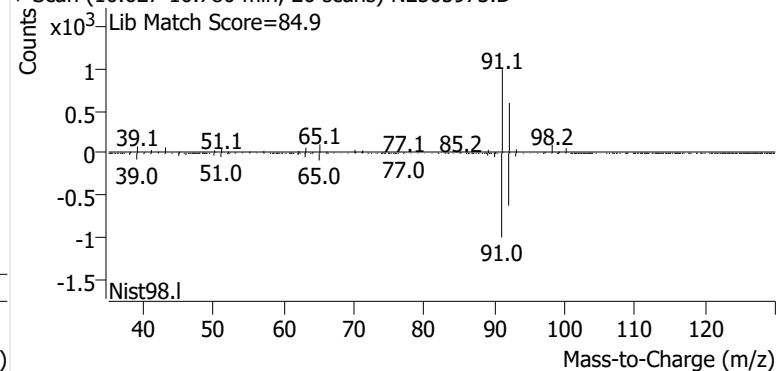
+ Scan (10.536-10.695 min, 27 scans) N2505973.D

**Toluene**

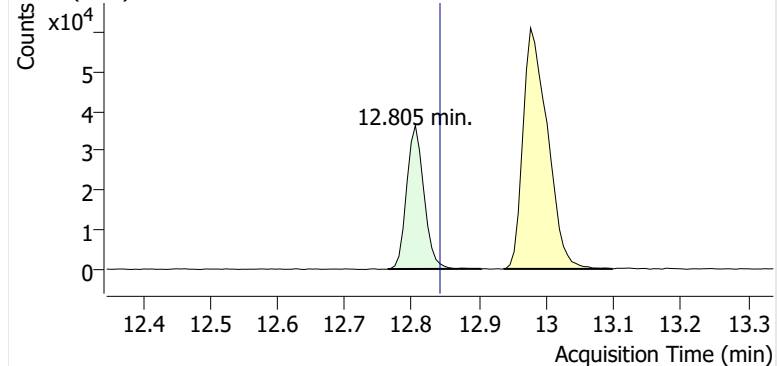
+ EIC (91.1) Scan N2505973.D



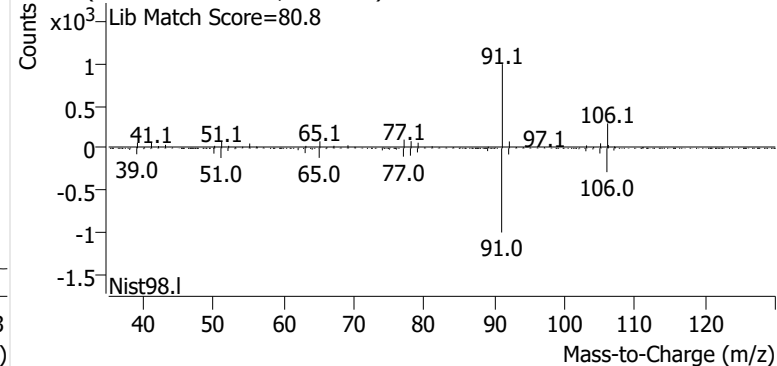
+ Scan (10.627-10.780 min, 26 scans) N2505973.D

**Ethylbenzene**

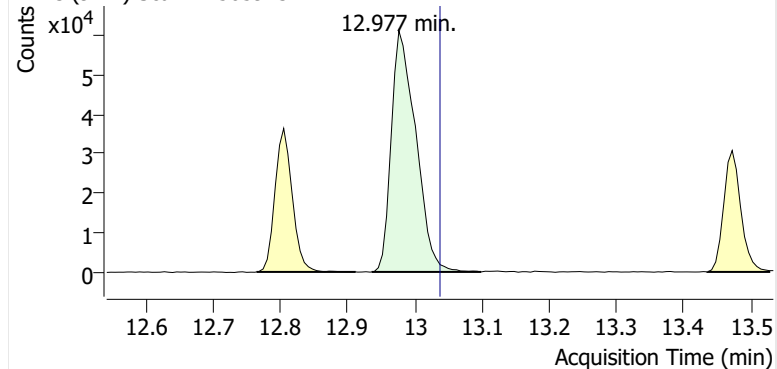
+ EIC (91.1) Scan N2505973.D



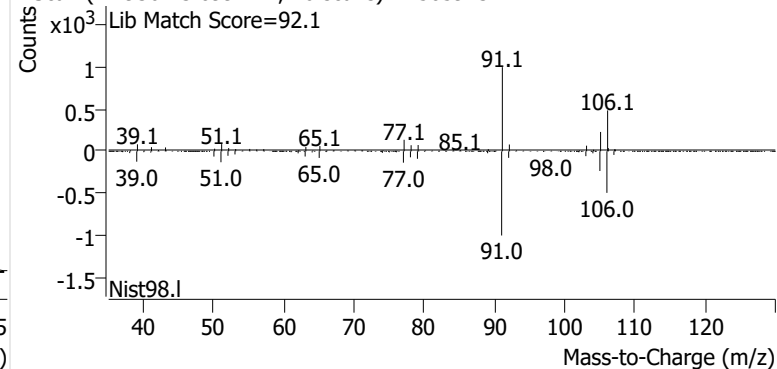
+ Scan (12.764-12.903 min, 23 scans) N2505973.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505973.D

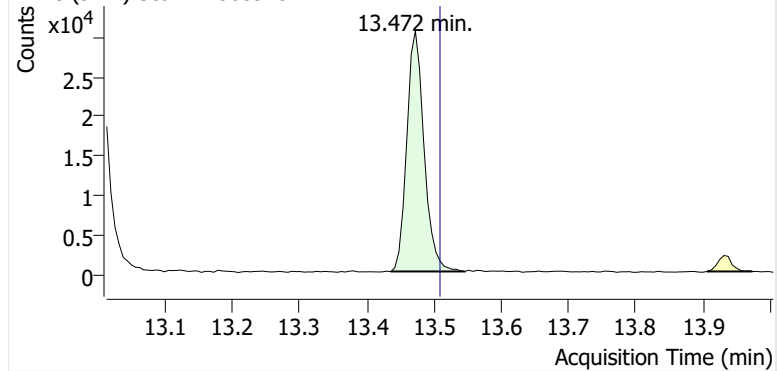


+ Scan (12.936-13.099 min, 26 scans) N2505973.D

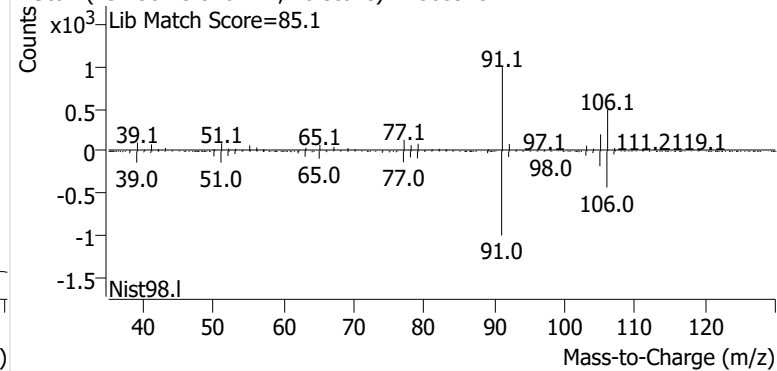


o-Xylene

+ EIC (91.1) Scan N2505973.D

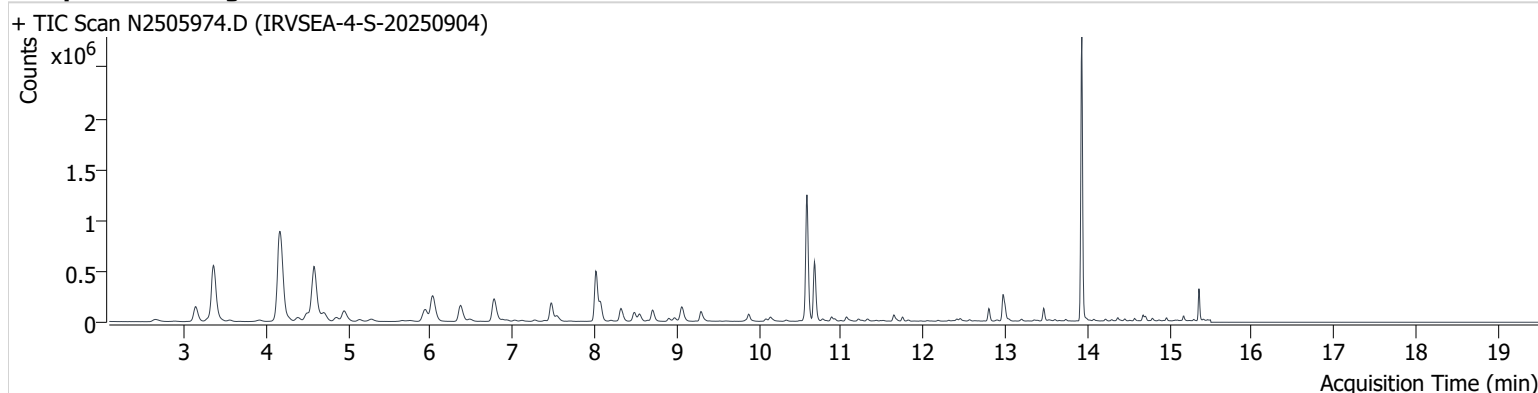


+ Scan (13.436-13.546 min, 18 scans) N2505973.D



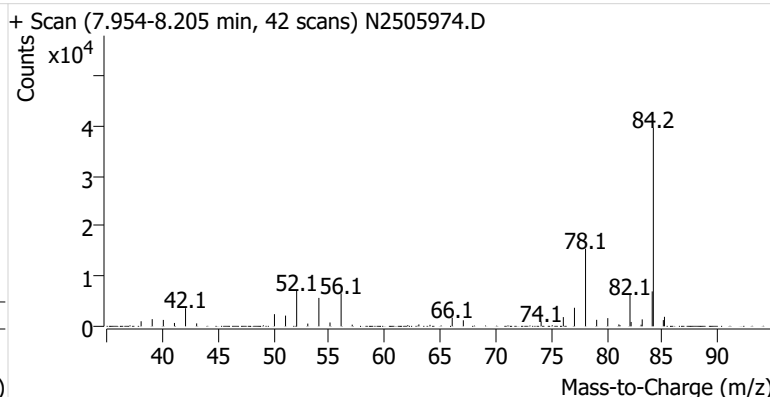
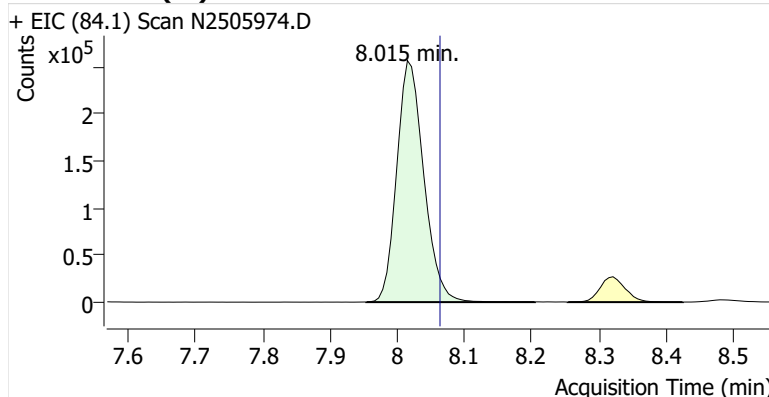
Name IRVSEA-4-S-20250904
Comment C40606
Data File N2505974.D
Acq. Date-Time 10/3/2025 1:02:49 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

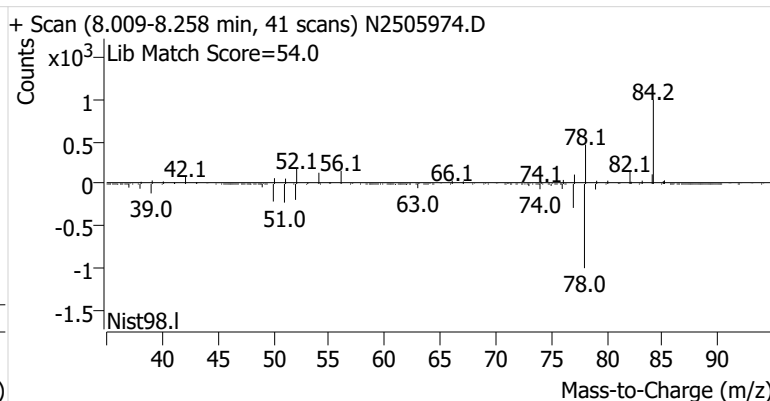
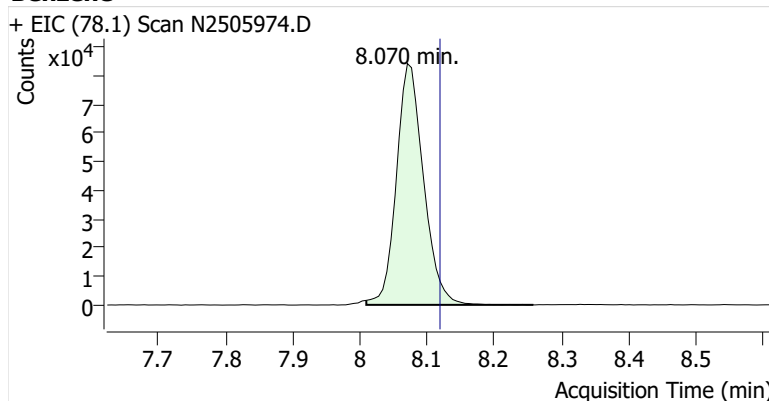


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.015	8.064	718,580	
Benzene	Benzene-d6 (IS)	8.070	8.119	235,650	
Toluene-d8 (IS)		10.585	10.627	1,042,887	
Toluene	Toluene-d8 (IS)	10.677	10.719	492,585	
Ethylbenzene	Toluene-d8 (IS)	12.800	12.842	97,838	
m-/p-Xylenes	Toluene-d8 (IS)	12.971	13.038	239,558	
o-Xylene	Toluene-d8 (IS)	13.466	13.509	80,266	

Benzene-d6 (IS)

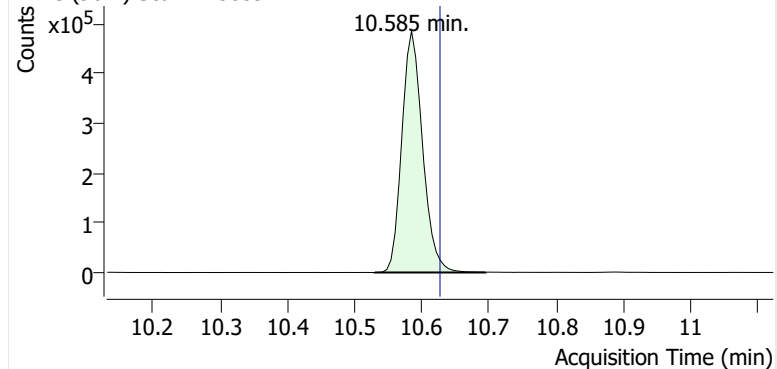


Benzene

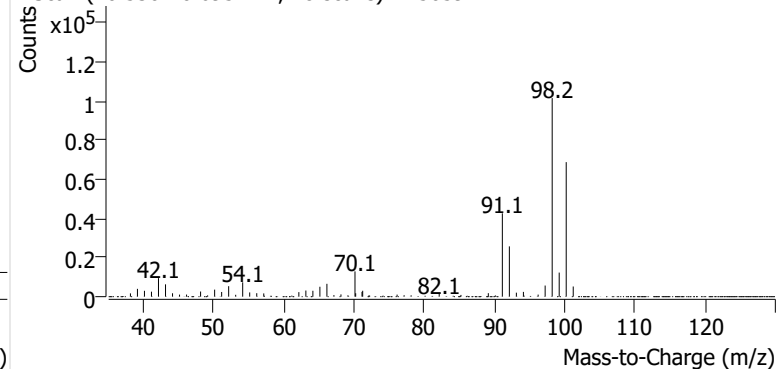


Toluene-d8 (IS)

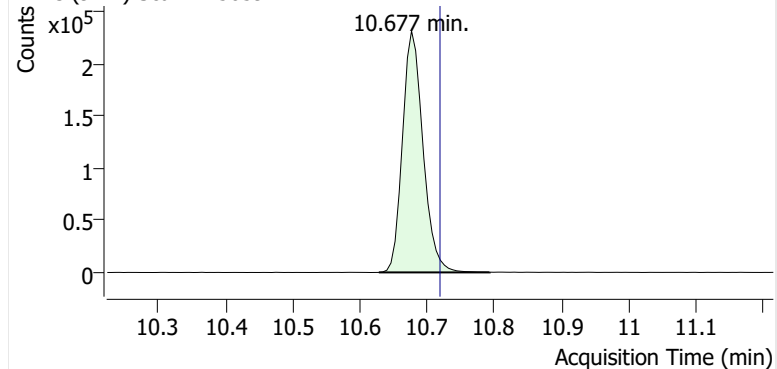
+ EIC (98.1) Scan N2505974.D



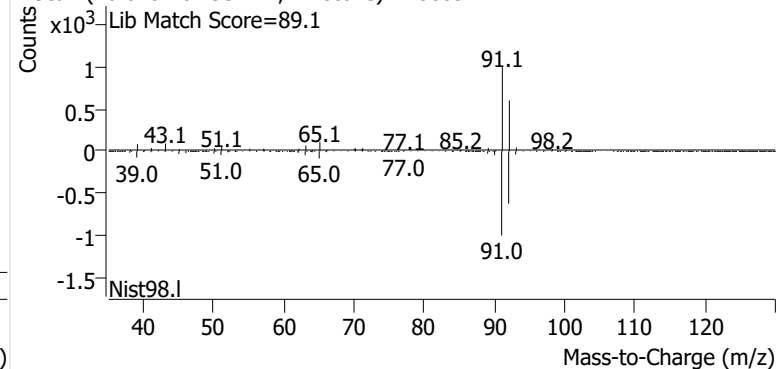
+ Scan (10.530-10.695 min, 28 scans) N2505974.D

**Toluene**

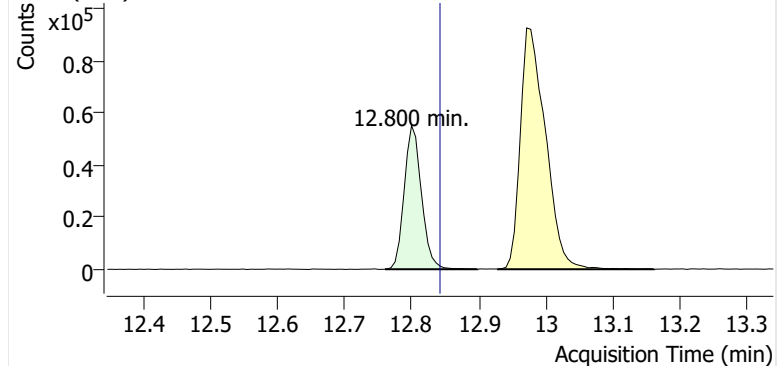
+ EIC (91.1) Scan N2505974.D



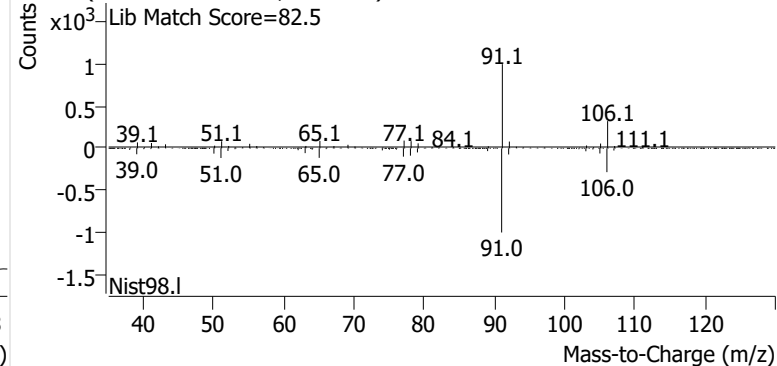
+ Scan (10.628-10.793 min, 27 scans) N2505974.D

**Ethylbenzene**

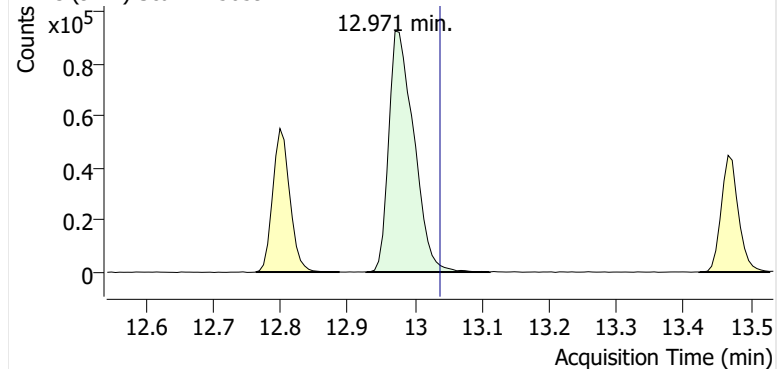
+ EIC (91.1) Scan N2505974.D



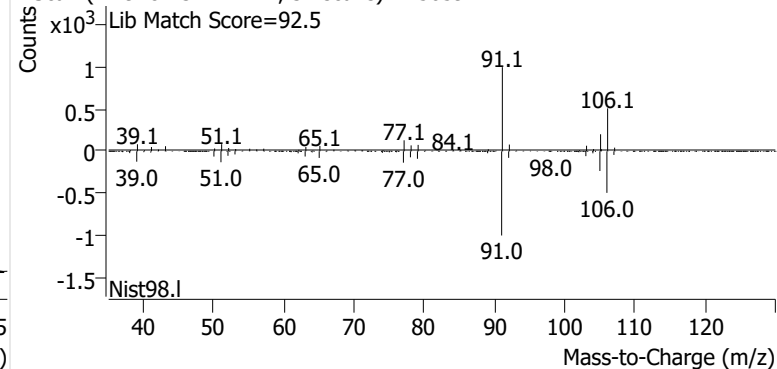
+ Scan (12.760-12.897 min, 23 scans) N2505974.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505974.D

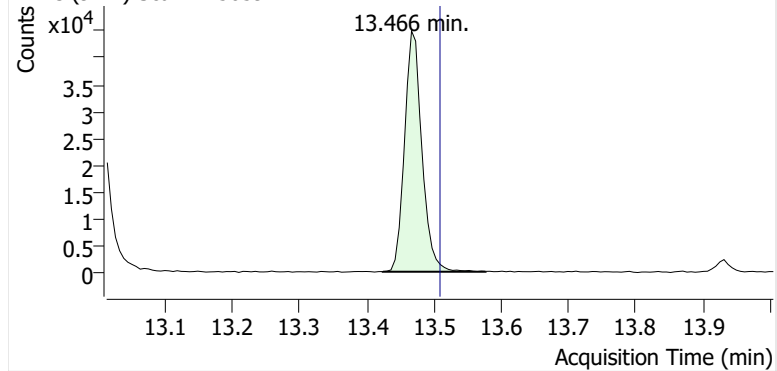


+ Scan (12.928-13.112 min, 31 scans) N2505974.D

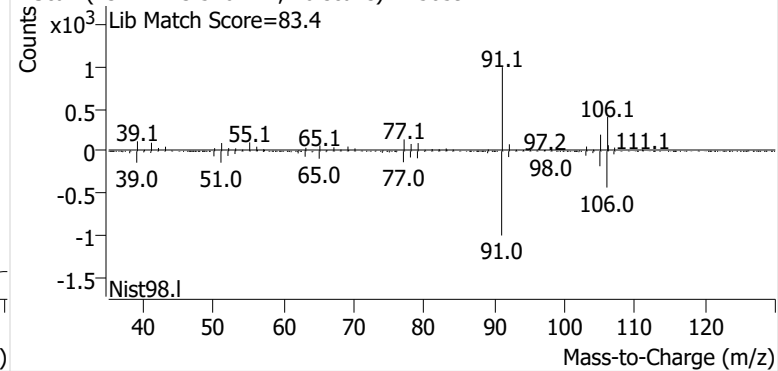


o-Xylene

+ EIC (91.1) Scan N2505974.D

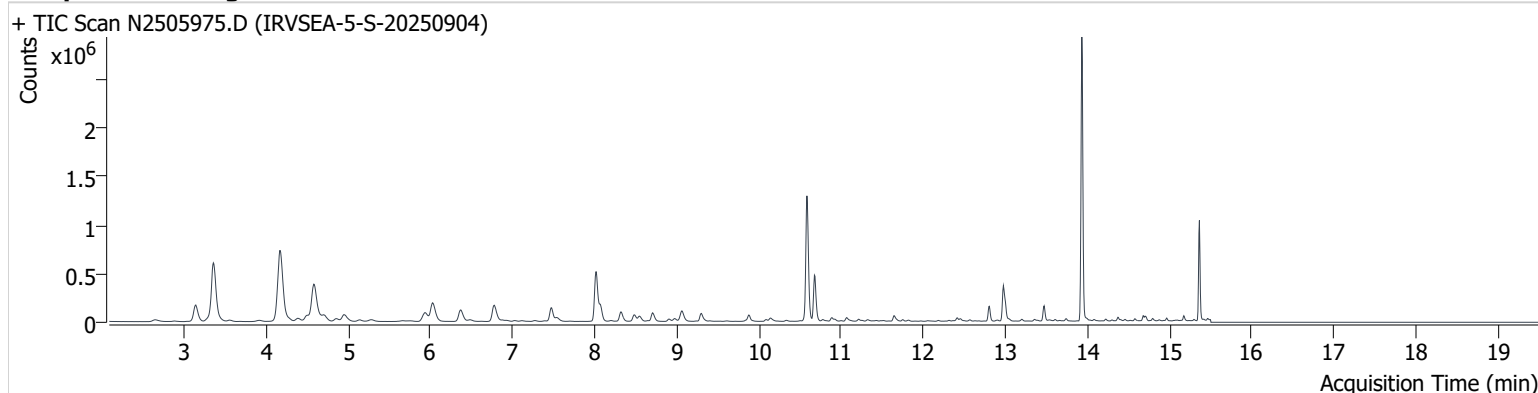


+ Scan (13.424-13.576 min, 26 scans) N2505974.D



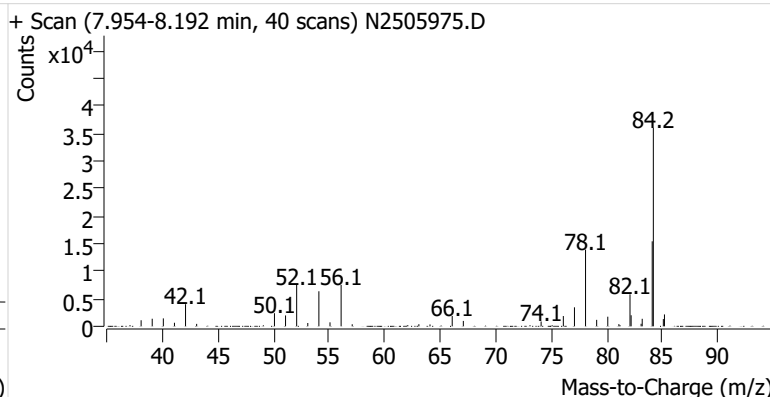
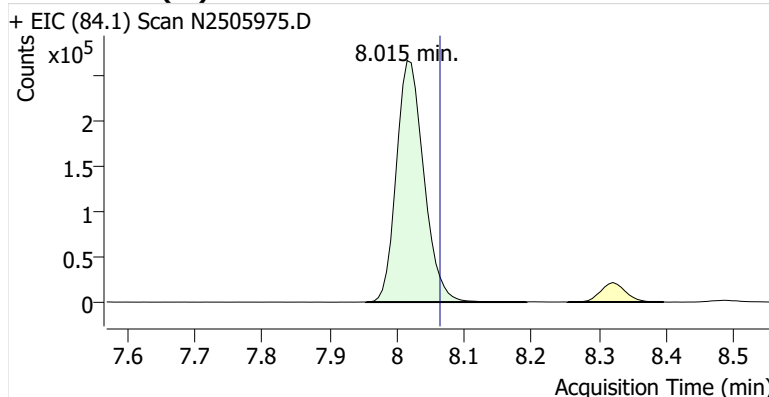
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Comment C02023
Data File N2505975.D
Acq. Date-Time 10/3/2025 1:42:46 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

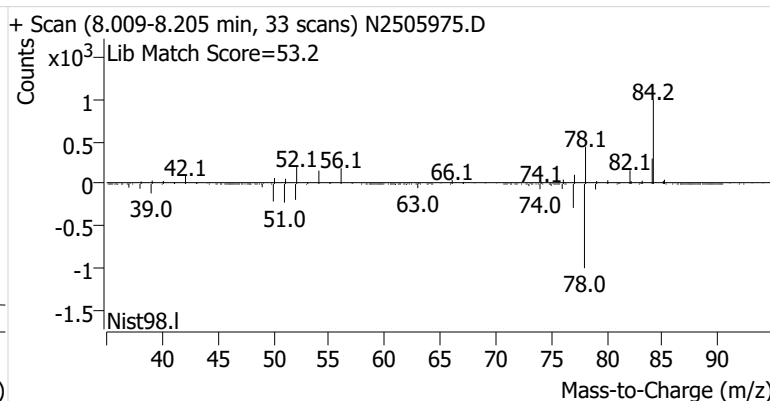
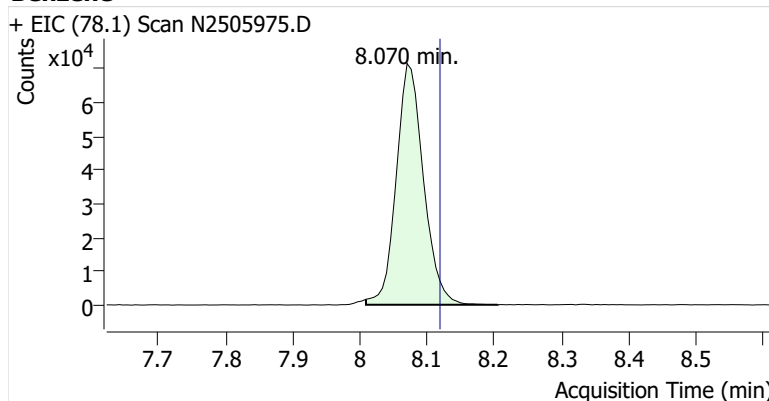


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.015	8.064	753,381	
Benzene	Benzene-d6 (IS)	8.070	8.119	200,512	
Toluene-d8 (IS)		10.584	10.627	1,092,661	
Toluene	Toluene-d8 (IS)	10.676	10.719	404,799	
Ethylbenzene	Toluene-d8 (IS)	12.805	12.842	126,949	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	324,733	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	105,101	

Benzene-d6 (IS)

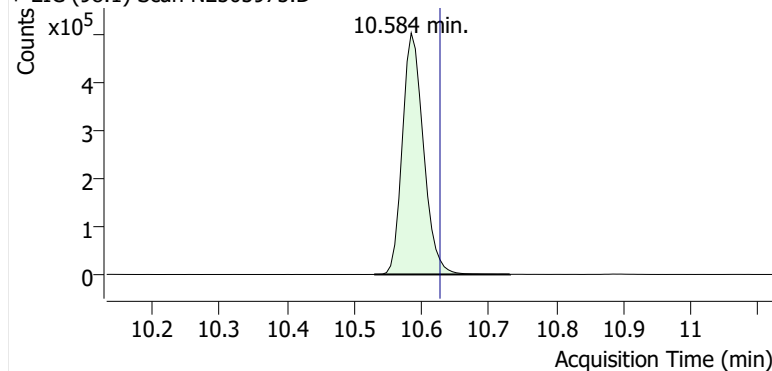


Benzene

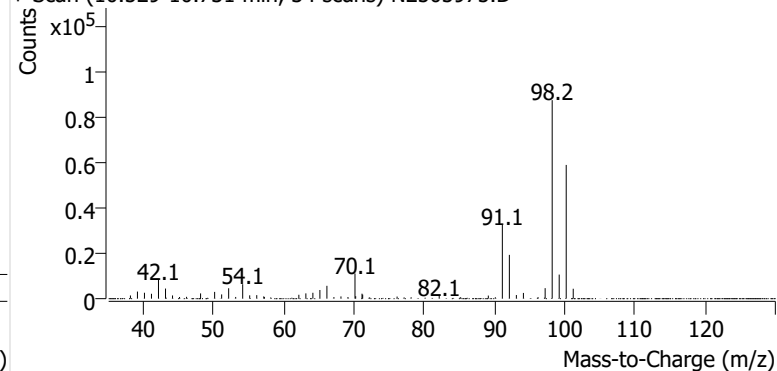


Toluene-d8 (IS)

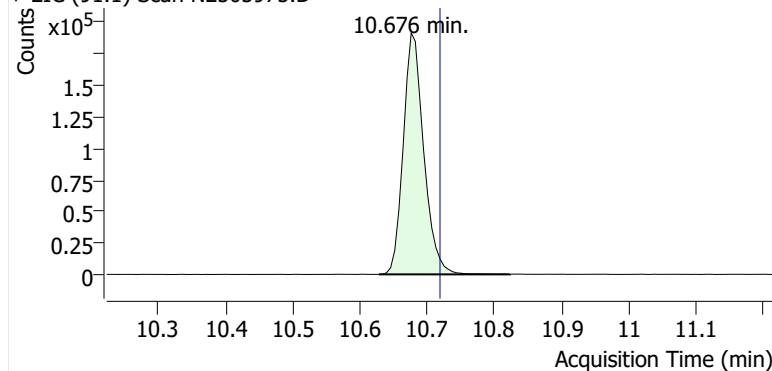
+ EIC (98.1) Scan N2505975.D



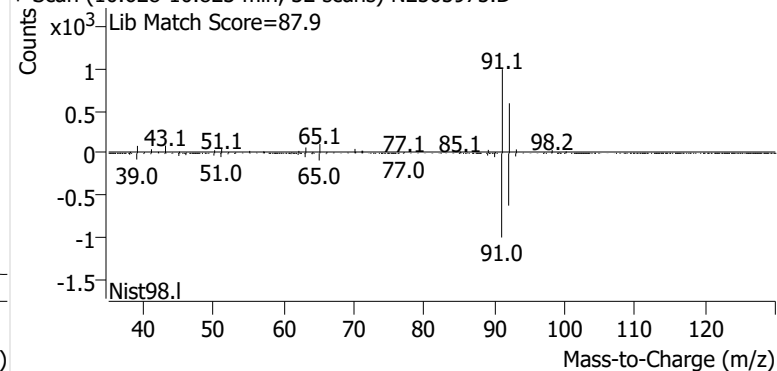
+ Scan (10.529-10.731 min, 34 scans) N2505975.D

**Toluene**

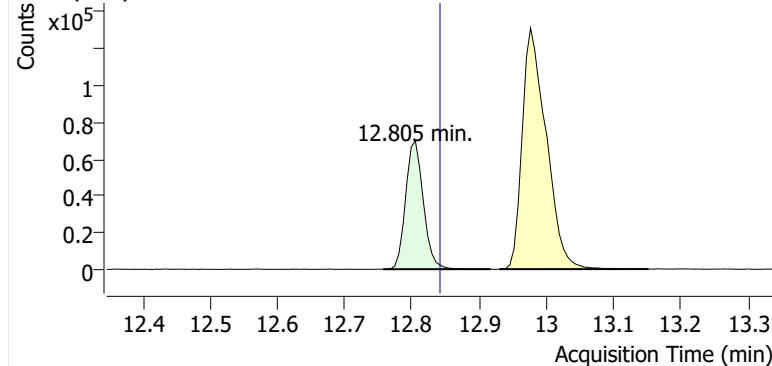
+ EIC (91.1) Scan N2505975.D



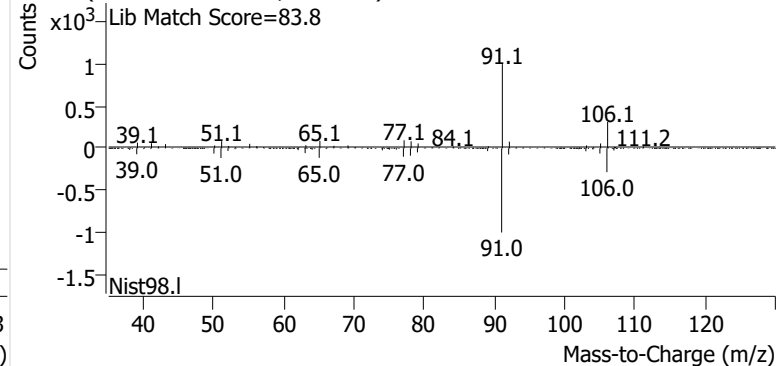
+ Scan (10.628-10.823 min, 32 scans) N2505975.D

**Ethylbenzene**

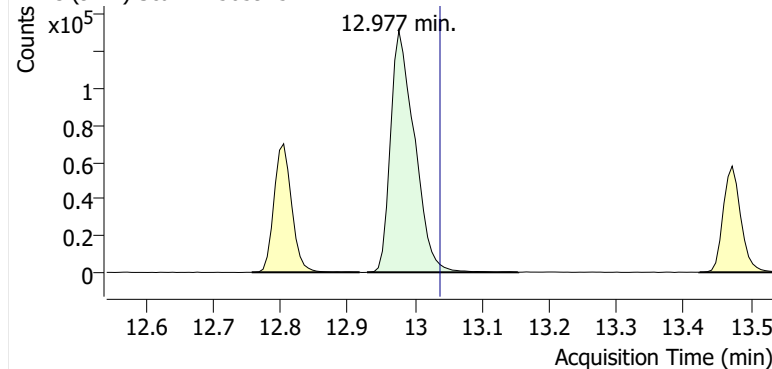
+ EIC (91.1) Scan N2505975.D



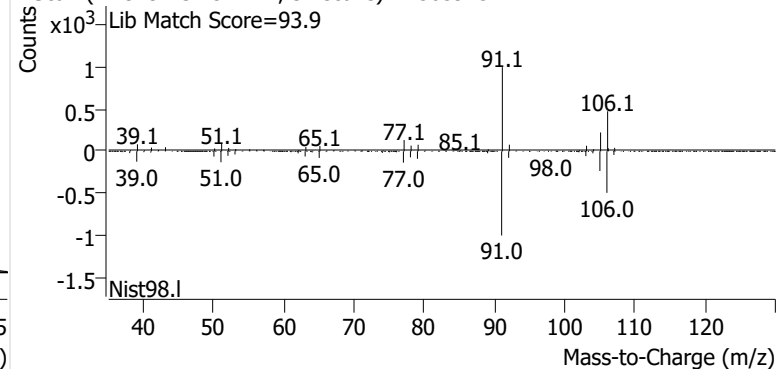
+ Scan (12.757-12.917 min, 26 scans) N2505975.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505975.D

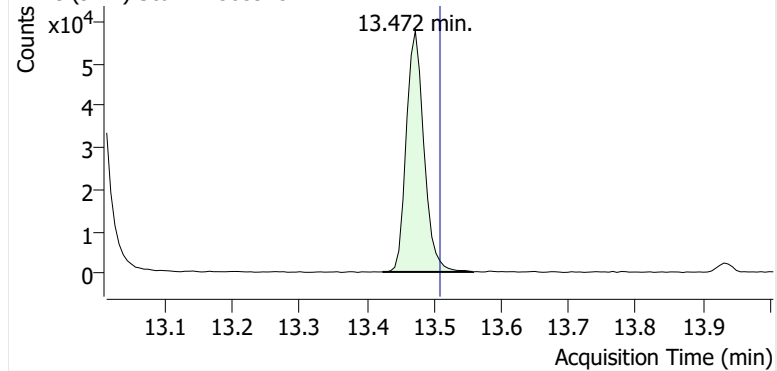


+ Scan (12.929-13.154 min, 37 scans) N2505975.D

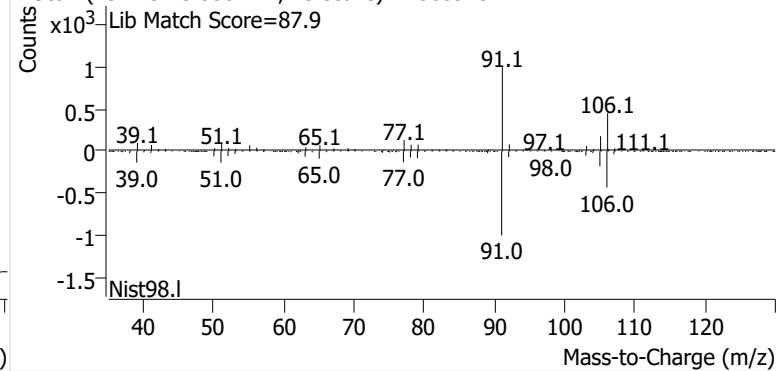


o-Xylene

+ EIC (91.1) Scan N2505975.D

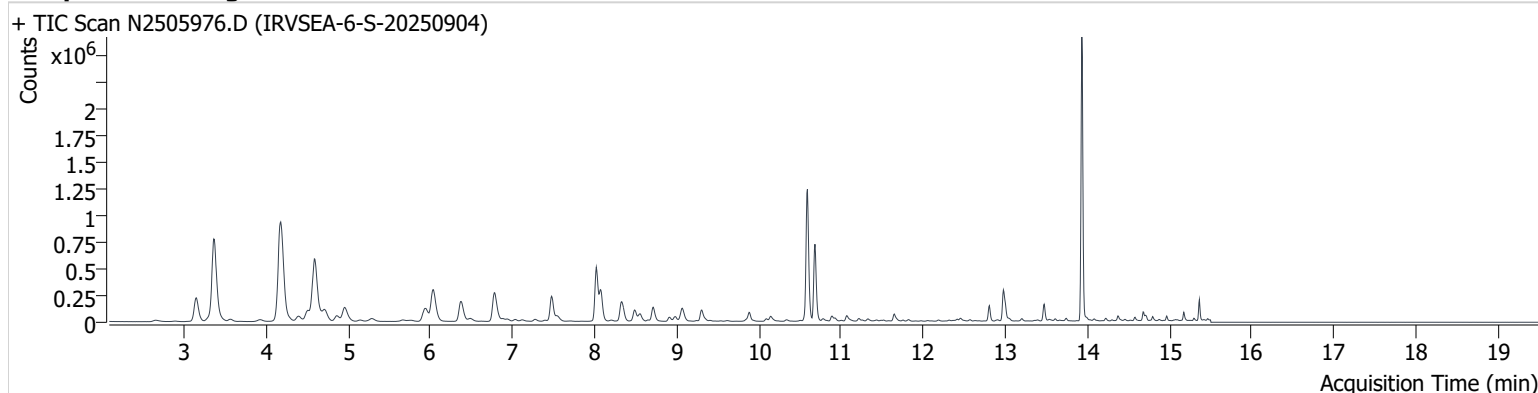


+ Scan (13.423-13.558 min, 23 scans) N2505975.D



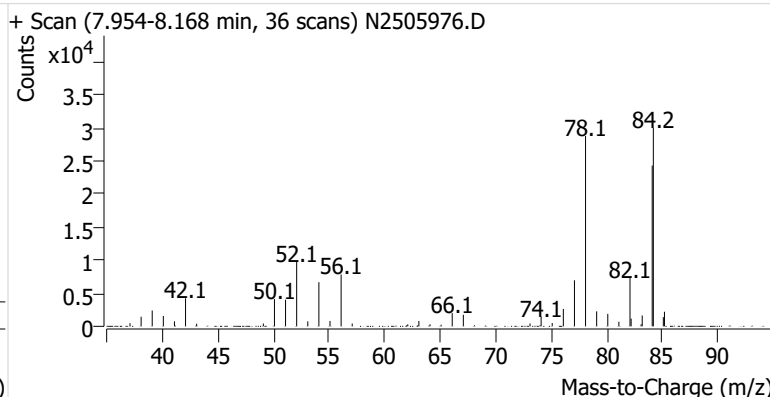
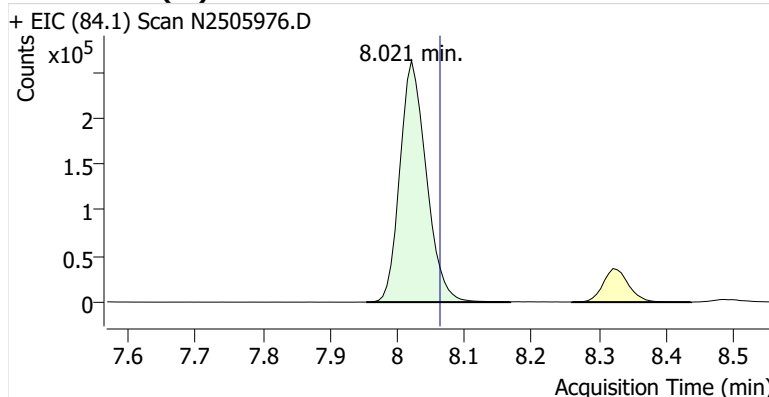
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Comment B17405
Data File N2505976.D
Acq. Date-Time 10/3/2025 2:22:43 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

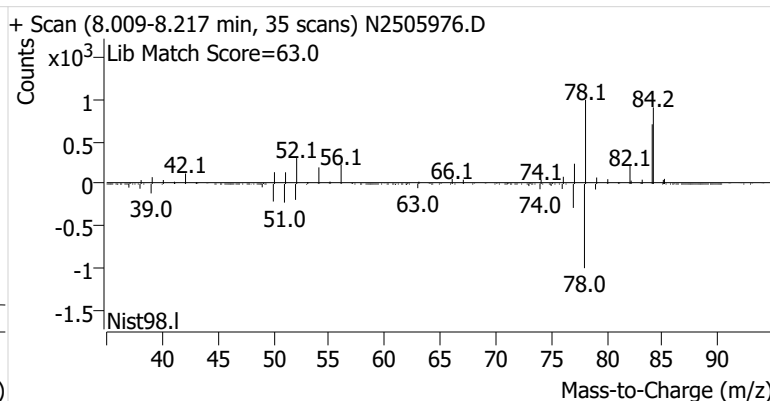
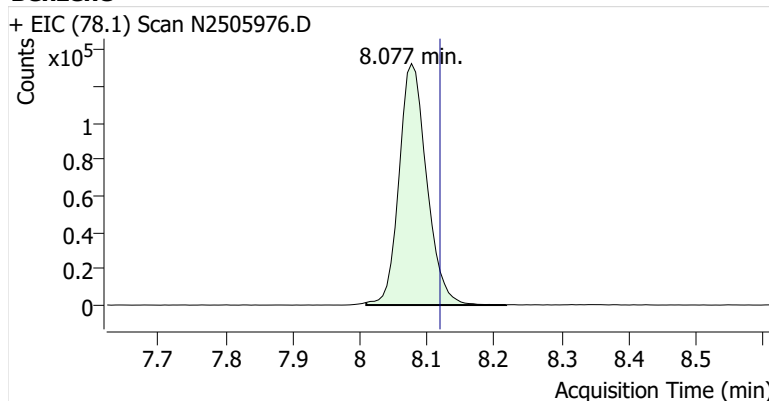


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	717,410	
Benzene	Benzene-d6 (IS)	8.077	8.119	378,166	
Toluene-d8 (IS)		10.591	10.627	1,051,118	
Toluene	Toluene-d8 (IS)	10.683	10.719	626,632	
Ethylbenzene	Toluene-d8 (IS)	12.806	12.842	115,212	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	260,476	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	102,455	

Benzene-d6 (IS)

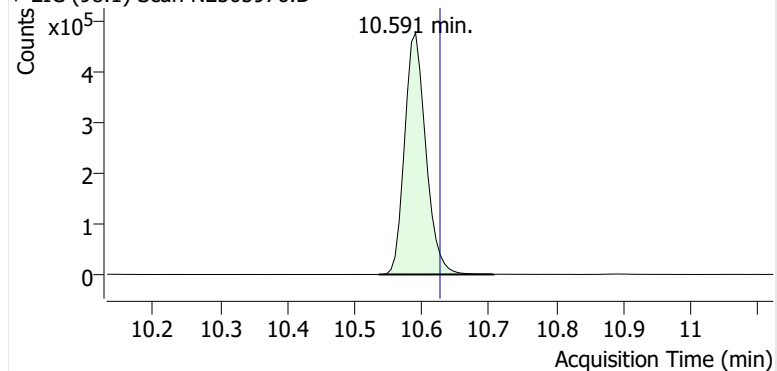


Benzene

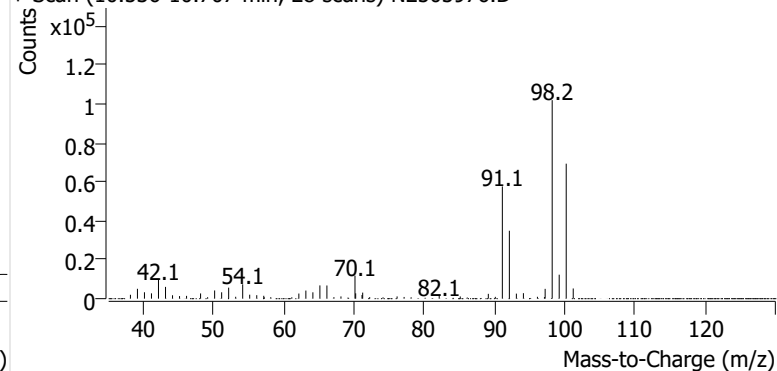


Toluene-d8 (IS)

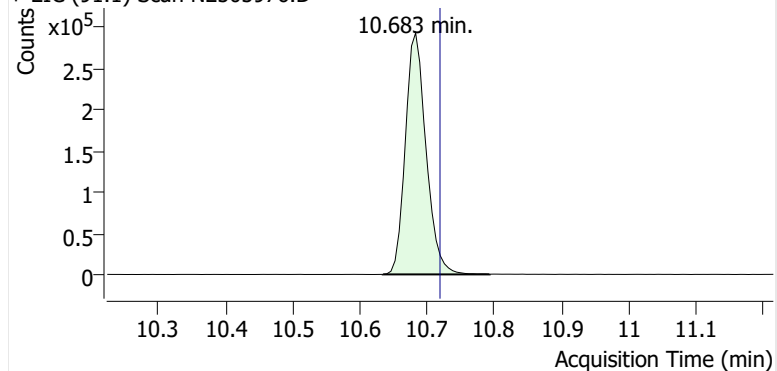
+ EIC (98.1) Scan N2505976.D



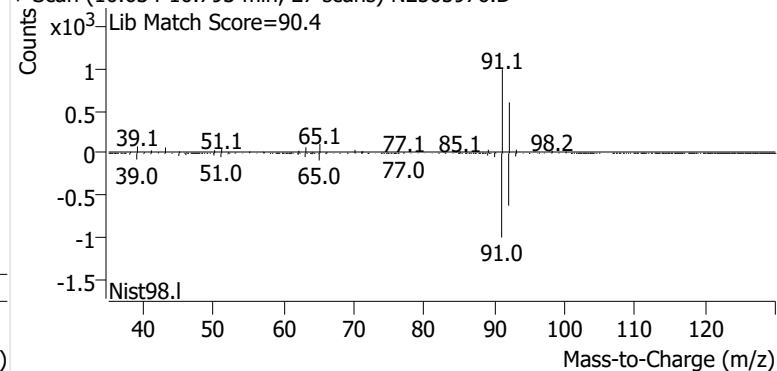
+ Scan (10.536-10.707 min, 28 scans) N2505976.D

**Toluene**

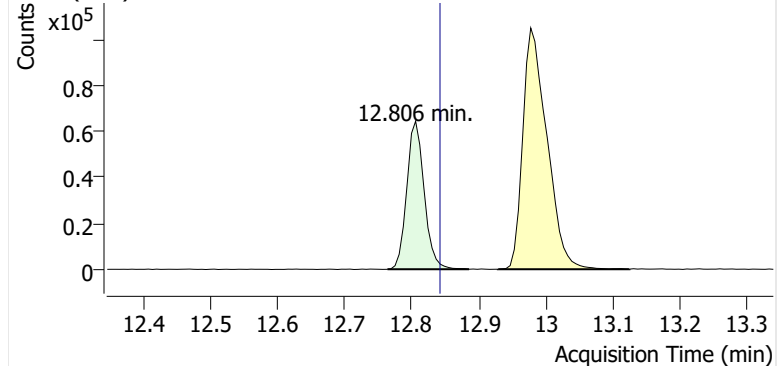
+ EIC (91.1) Scan N2505976.D



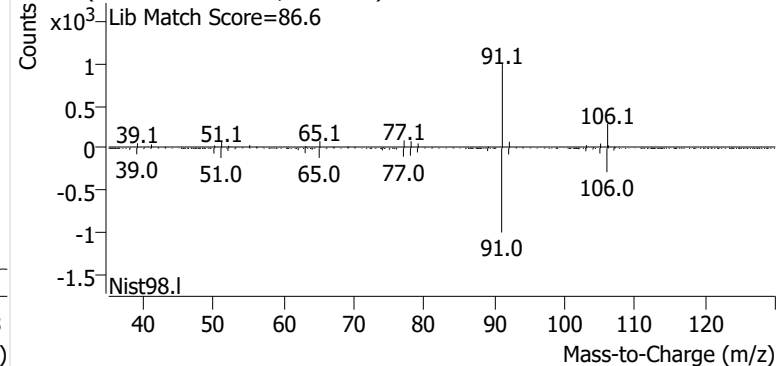
+ Scan (10.634-10.793 min, 27 scans) N2505976.D

**Ethylbenzene**

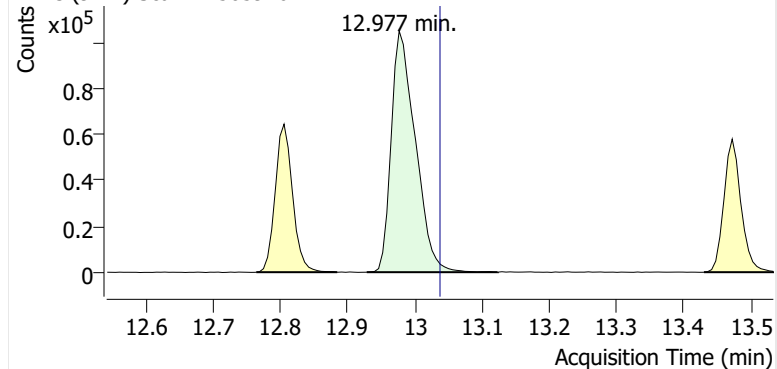
+ EIC (91.1) Scan N2505976.D



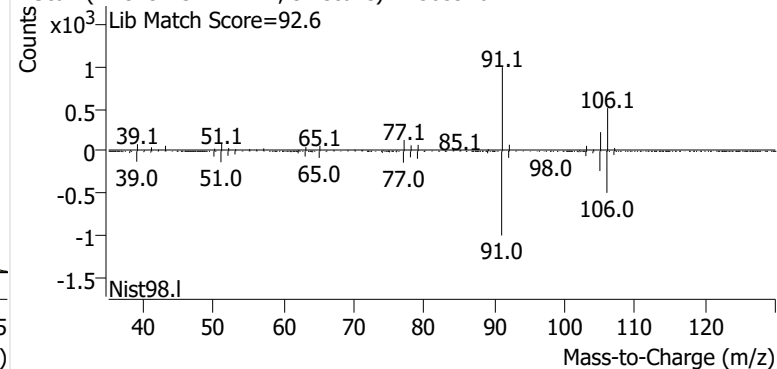
+ Scan (12.764-12.885 min, 20 scans) N2505976.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505976.D

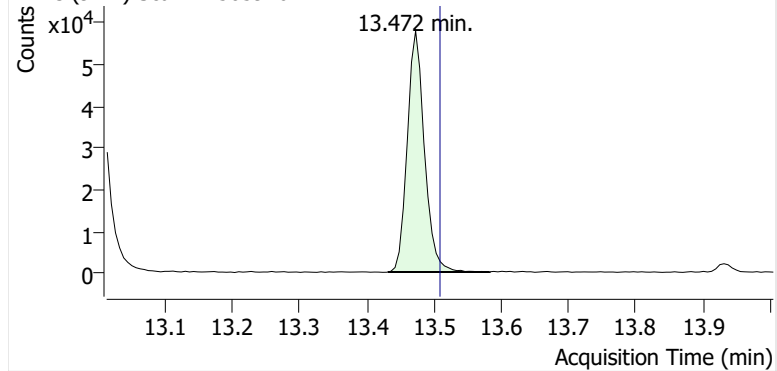


+ Scan (12.929-13.124 min, 32 scans) N2505976.D

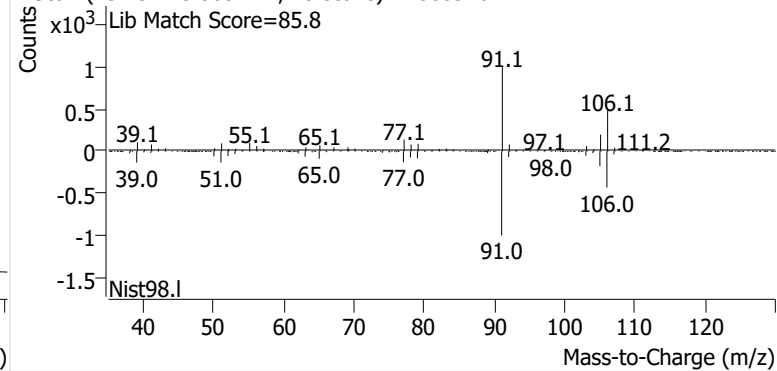


o-Xylene

+ EIC (91.1) Scan N2505976.D

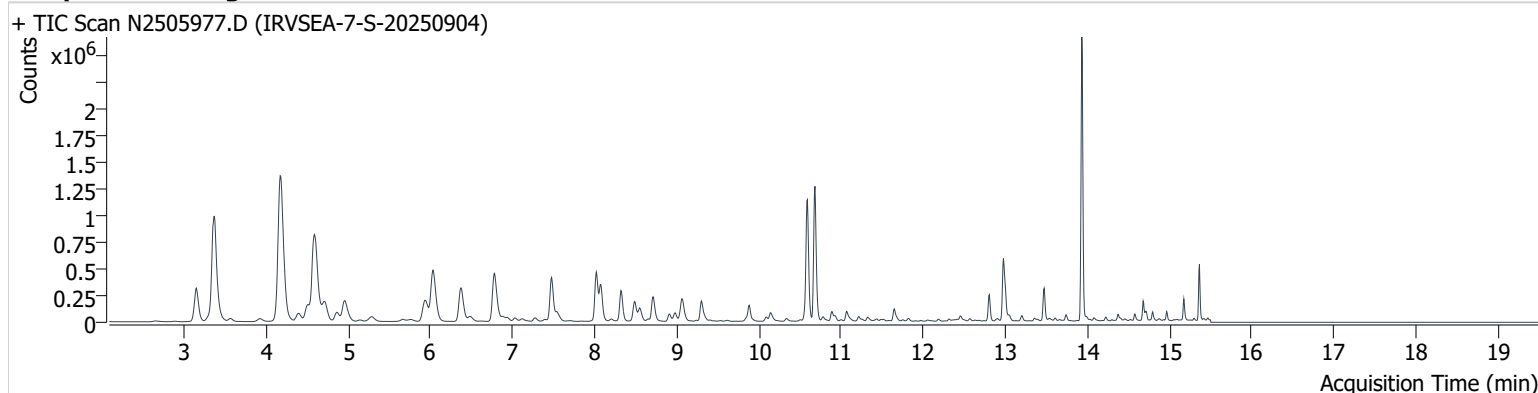


+ Scan (13.431-13.583 min, 25 scans) N2505976.D



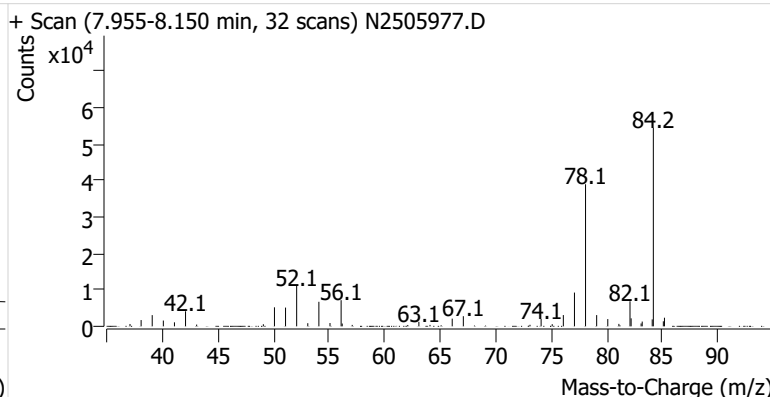
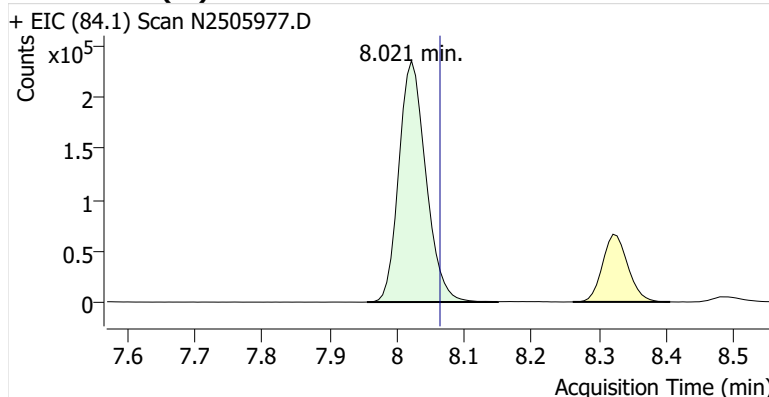
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Comment B15489
Data File N2505977.D
Acq. Date-Time 10/3/2025 3:02:39 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

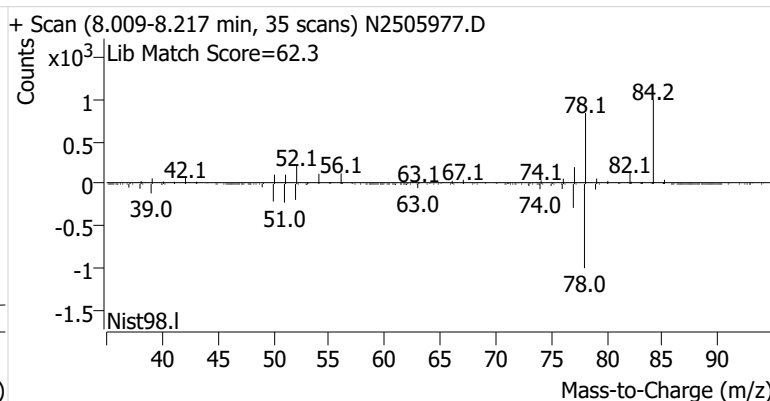
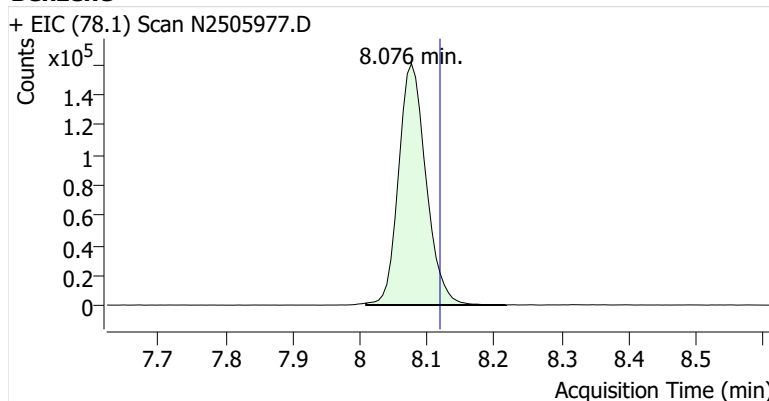


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	659,661	
Benzene	Benzene-d6 (IS)	8.076	8.119	456,721	
Toluene-d8 (IS)		10.591	10.627	979,578	
Toluene	Toluene-d8 (IS)	10.683	10.719	1,116,589	
Ethylbenzene	Toluene-d8 (IS)	12.806	12.842	198,520	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	516,685	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	200,662	

Benzene-d6 (IS)

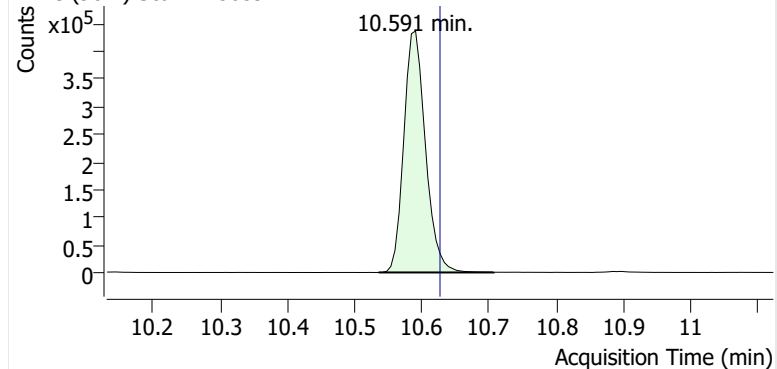


Benzene

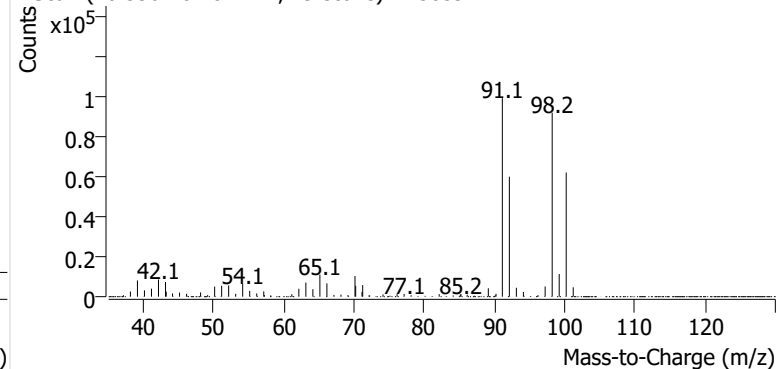


Toluene-d8 (IS)

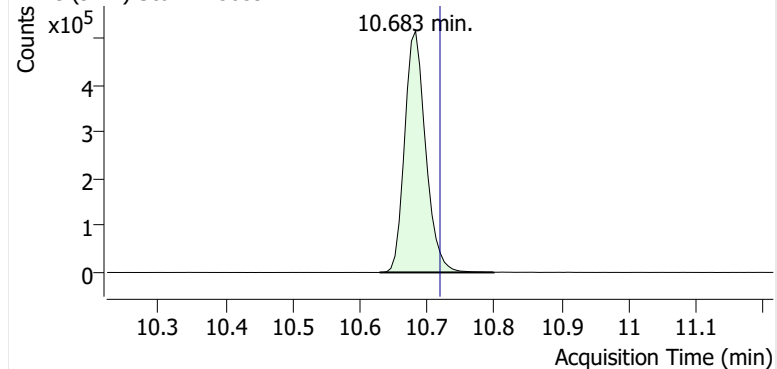
+ EIC (98.1) Scan N2505977.D



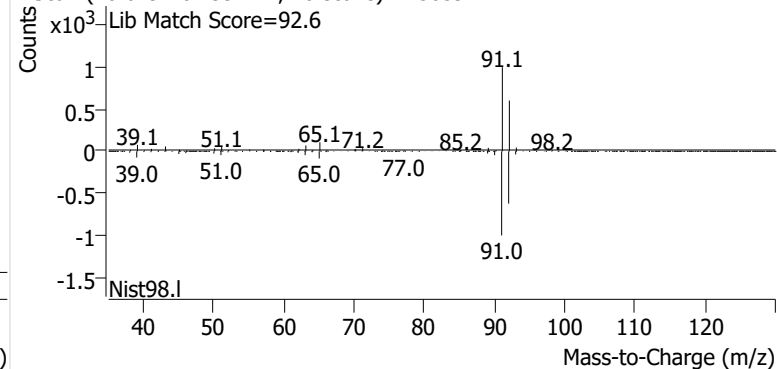
+ Scan (10.536-10.707 min, 29 scans) N2505977.D

**Toluene**

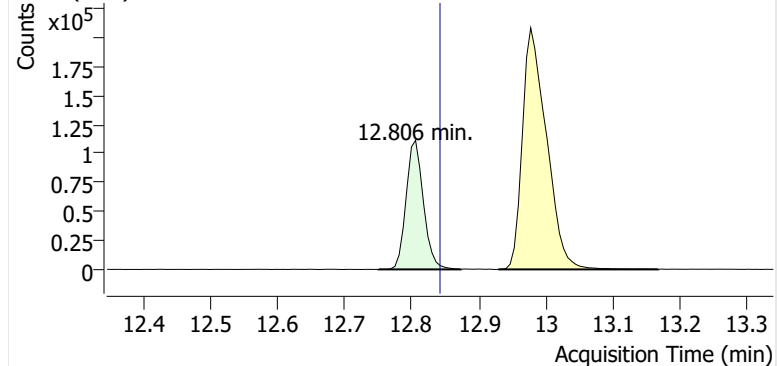
+ EIC (91.1) Scan N2505977.D



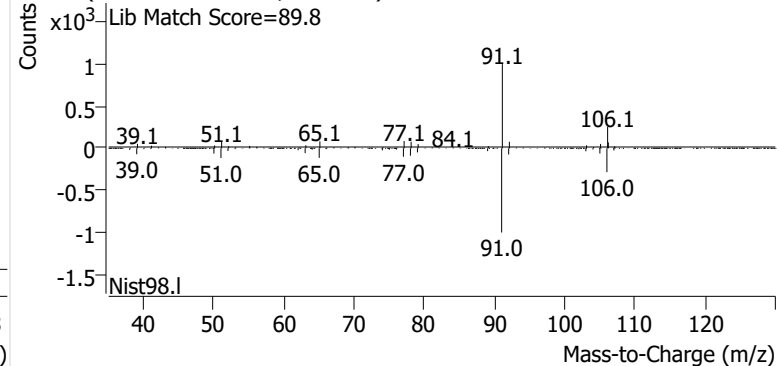
+ Scan (10.629-10.799 min, 28 scans) N2505977.D

**Ethylbenzene**

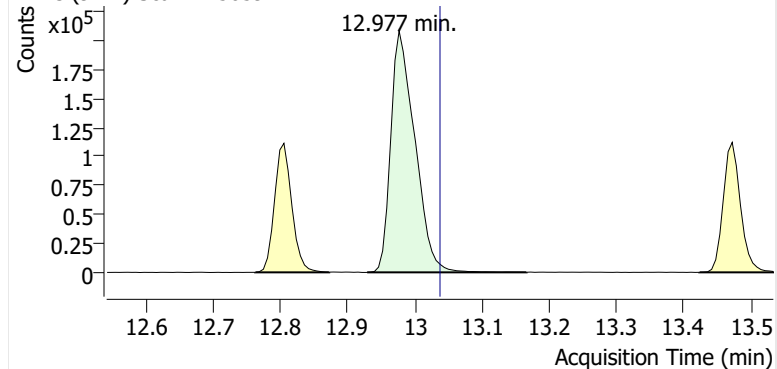
+ EIC (91.1) Scan N2505977.D



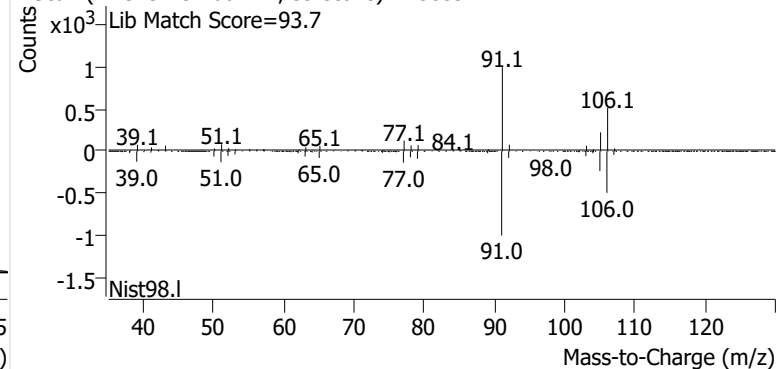
+ Scan (12.750-12.873 min, 21 scans) N2505977.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505977.D

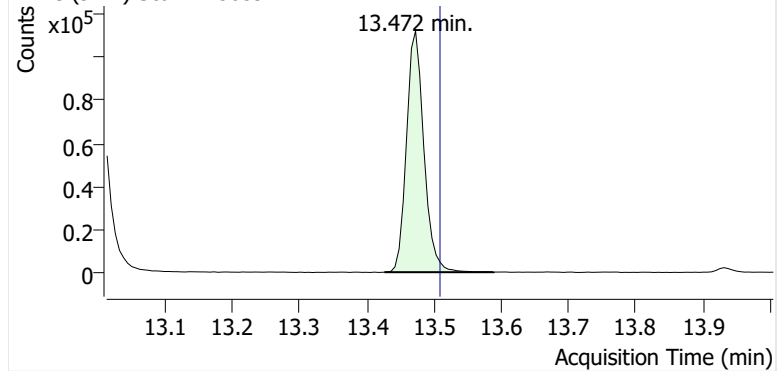


+ Scan (12.929-13.166 min, 39 scans) N2505977.D

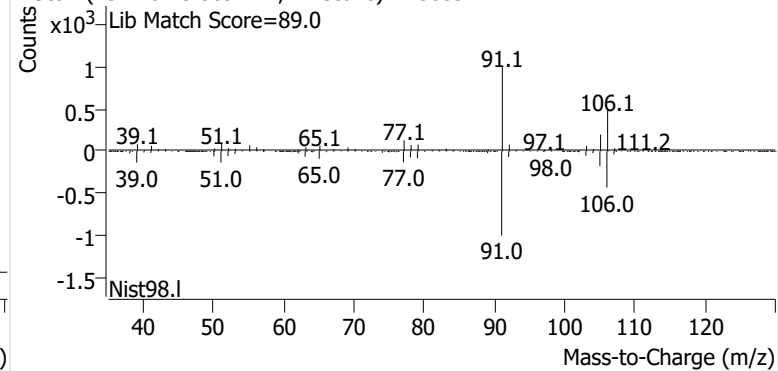


o-Xylene

+ EIC (91.1) Scan N2505977.D

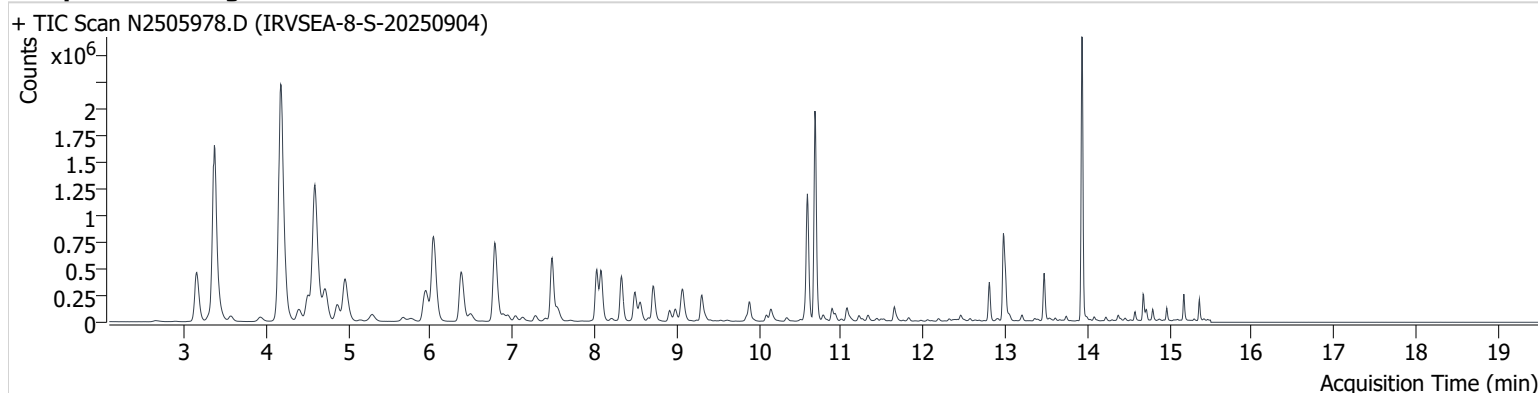


+ Scan (13.426-13.589 min, 27 scans) N2505977.D



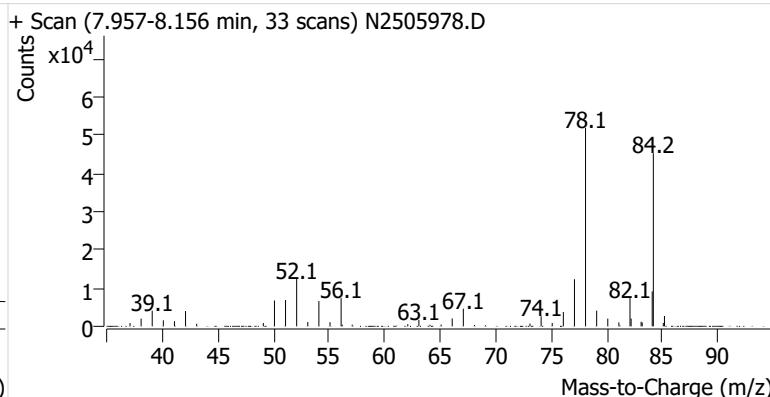
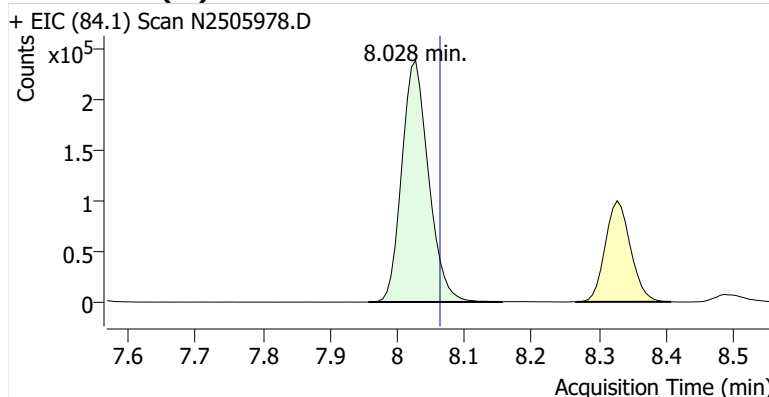
Name IRVSEA-8-S-20250904
Comment B49412
Data File N2505978.D
Acq. Date-Time 10/3/2025 3:42:36 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

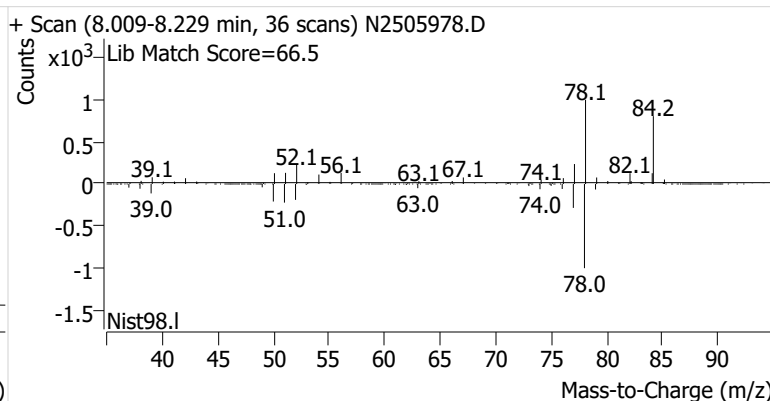
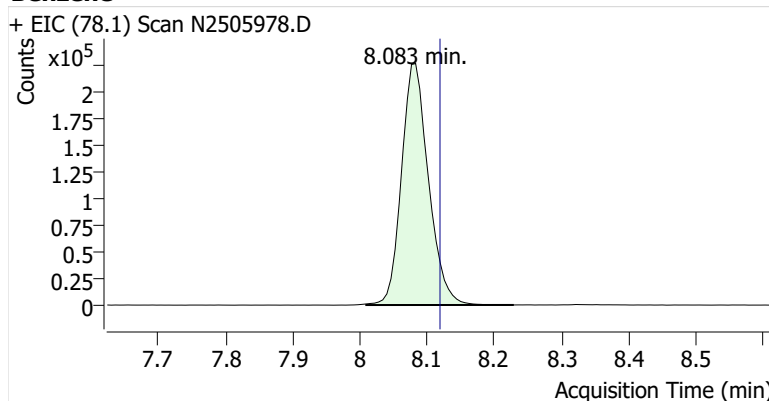


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.028	8.064	657,356	
Benzene	Benzene-d6 (IS)	8.083	8.119	628,536	
Toluene-d8 (IS)		10.591	10.627	990,935	
Toluene	Toluene-d8 (IS)	10.683	10.719	1,646,833	
Ethylbenzene	Toluene-d8 (IS)	12.806	12.842	291,247	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	738,791	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	288,928	

Benzene-d6 (IS)

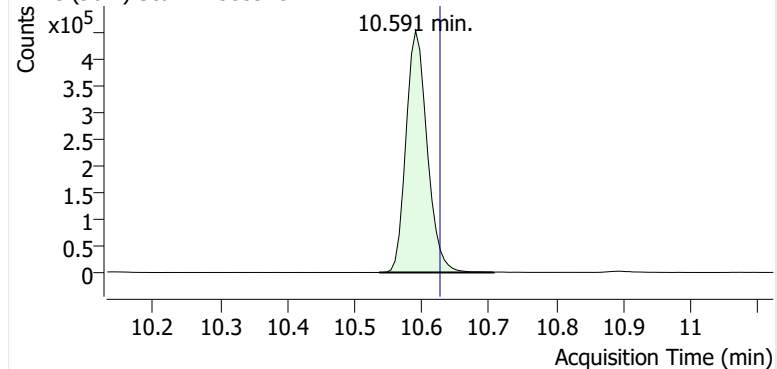


Benzene

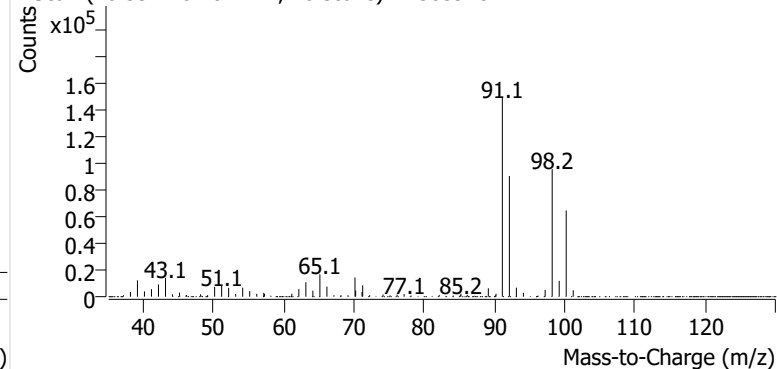


Toluene-d8 (IS)

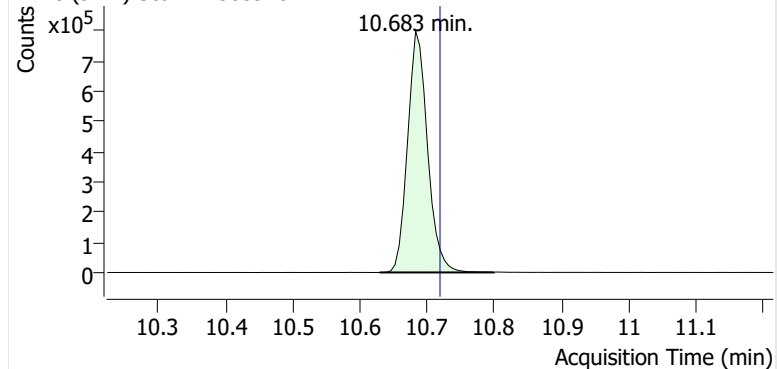
+ EIC (98.1) Scan N2505978.D



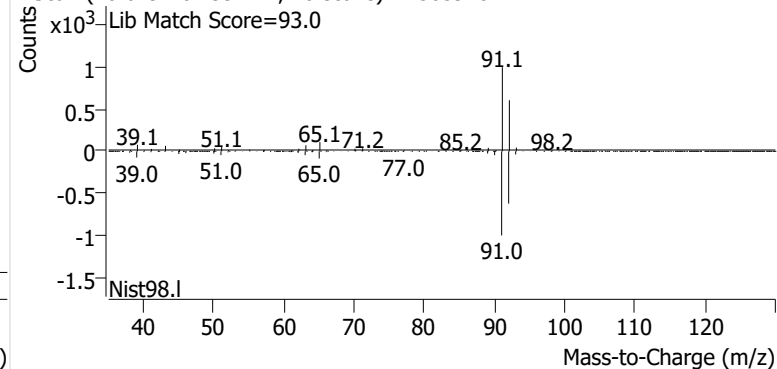
+ Scan (10.537-10.707 min, 28 scans) N2505978.D

**Toluene**

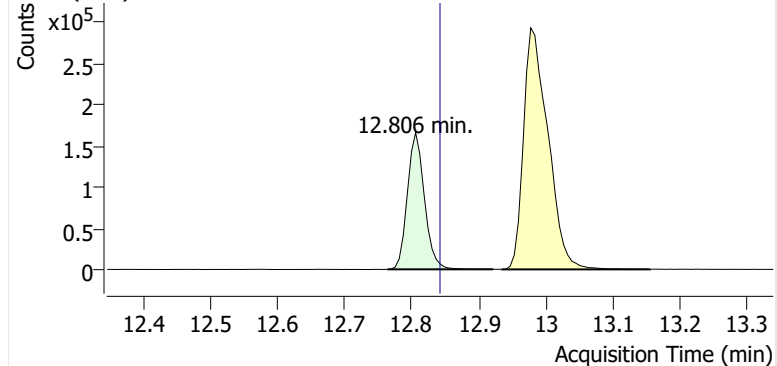
+ EIC (91.1) Scan N2505978.D



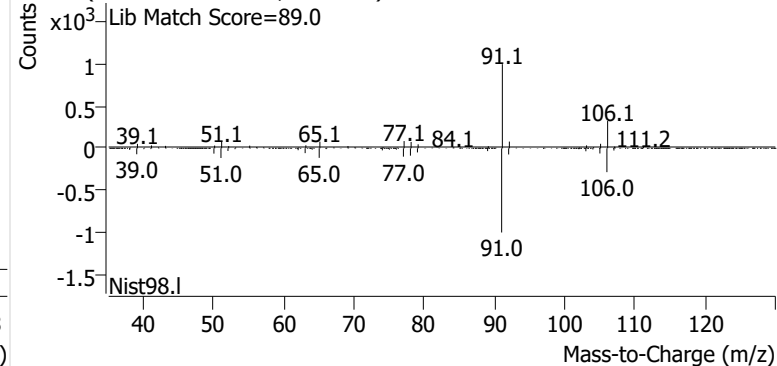
+ Scan (10.629-10.799 min, 28 scans) N2505978.D

**Ethylbenzene**

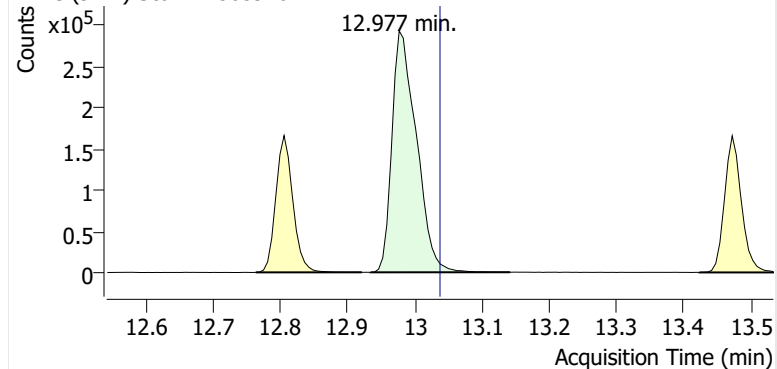
+ EIC (91.1) Scan N2505978.D



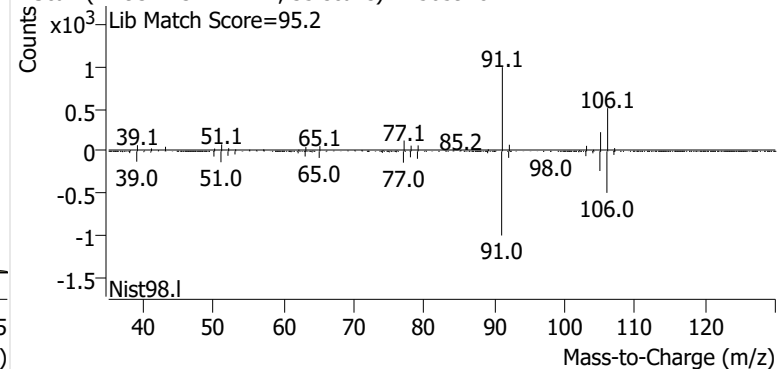
+ Scan (12.764-12.921 min, 25 scans) N2505978.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505978.D

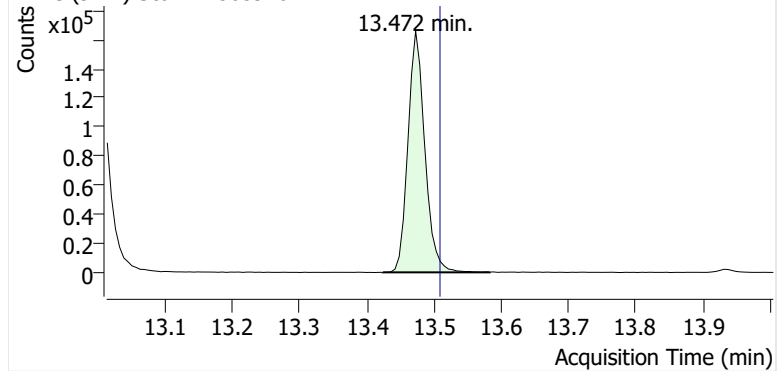


+ Scan (12.934-13.142 min, 35 scans) N2505978.D

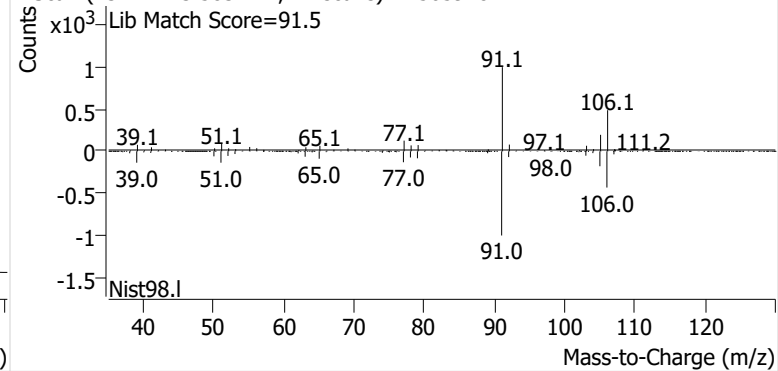


o-Xylene

+ EIC (91.1) Scan N2505978.D

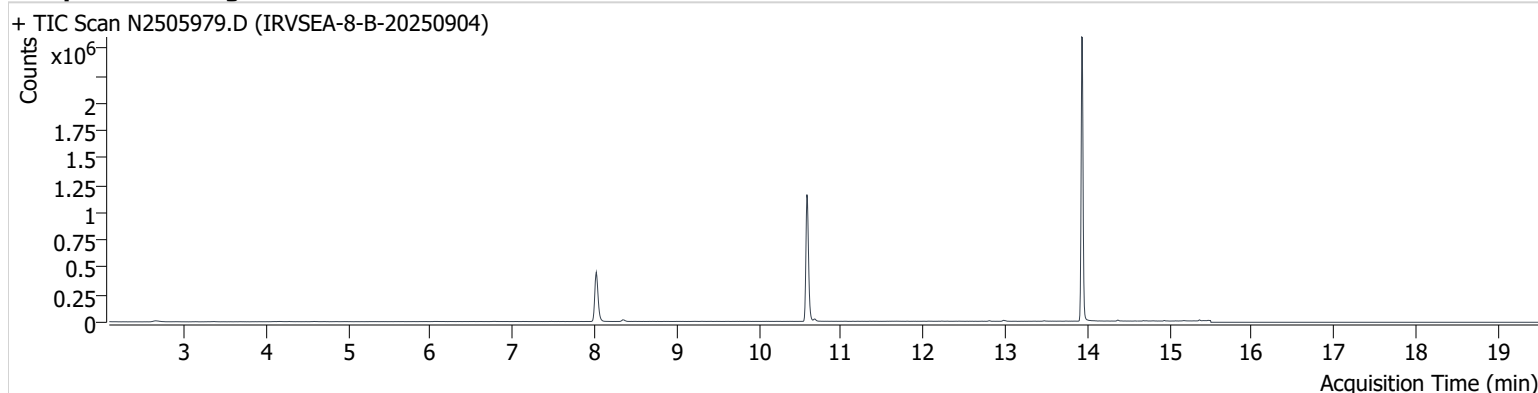


+ Scan (13.424-13.583 min, 27 scans) N2505978.D



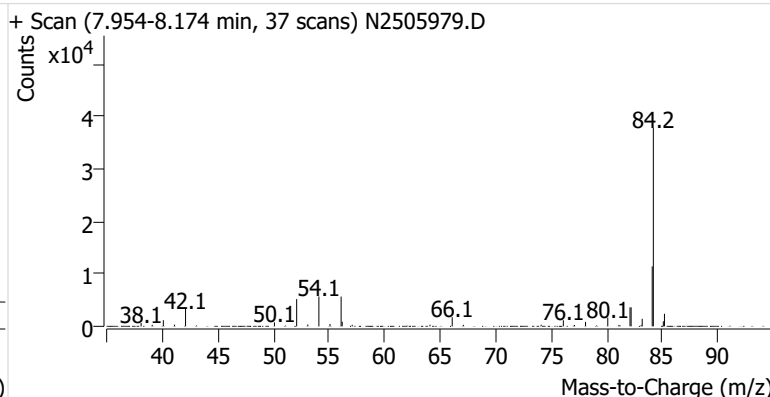
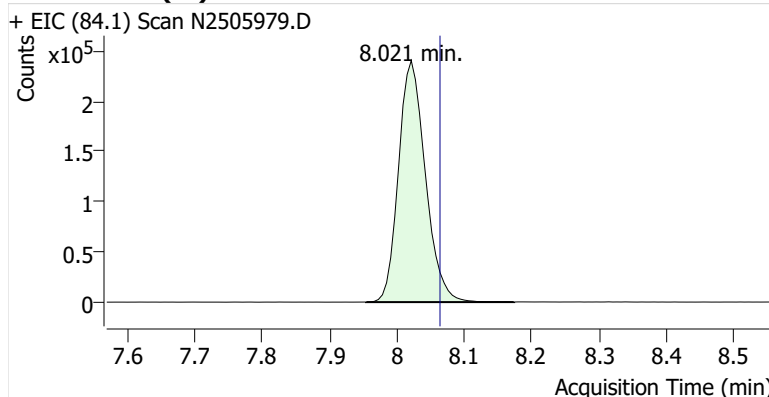
Name IRVSEA-8-B-20250904
Comment B50580
Data File N2505979.D
Acq. Date-Time 10/3/2025 4:22:33 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

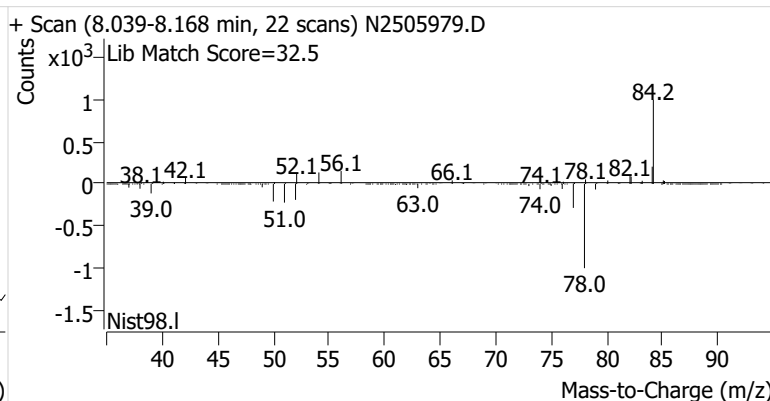
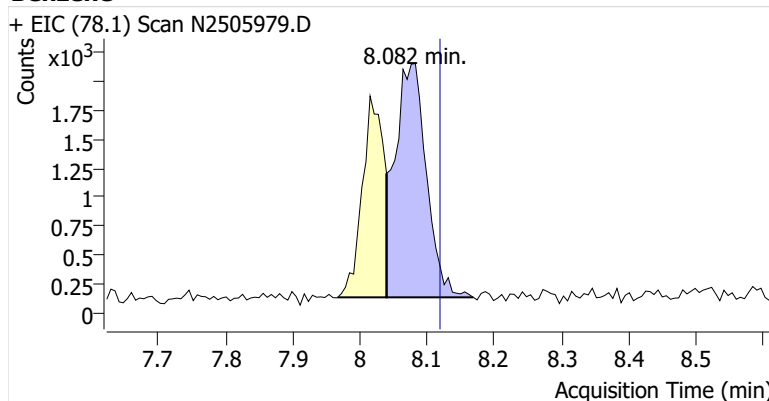


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	667,397	
Benzene	Benzene-d6 (IS)	8.082	8.119	6,545	
Toluene-d8 (IS)		10.584	10.627	1,004,942	
Toluene	Toluene-d8 (IS)	10.682	10.719	17,525	
Ethylbenzene	Toluene-d8 (IS)	12.805	12.842	3,973	
m-/p-Xylenes	Toluene-d8 (IS)	12.983	13.038	7,689	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	2,327	

Benzene-d6 (IS)

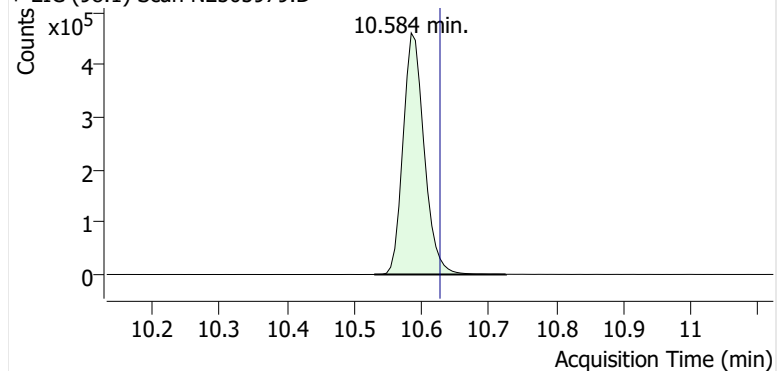


Benzene

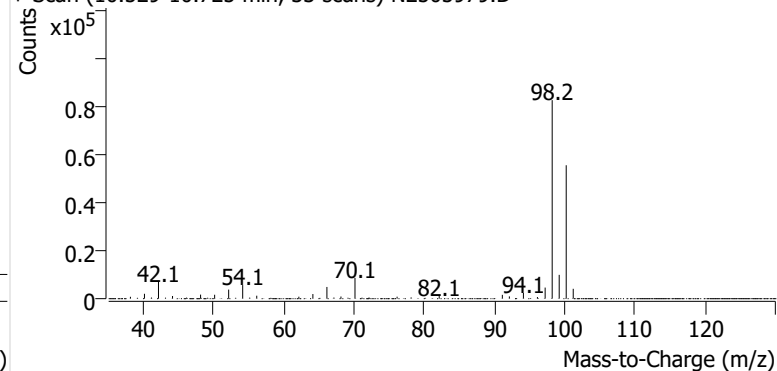


Toluene-d8 (IS)

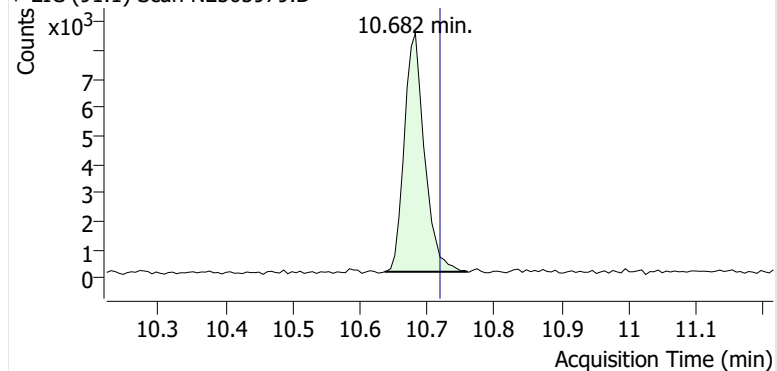
+ EIC (98.1) Scan N2505979.D



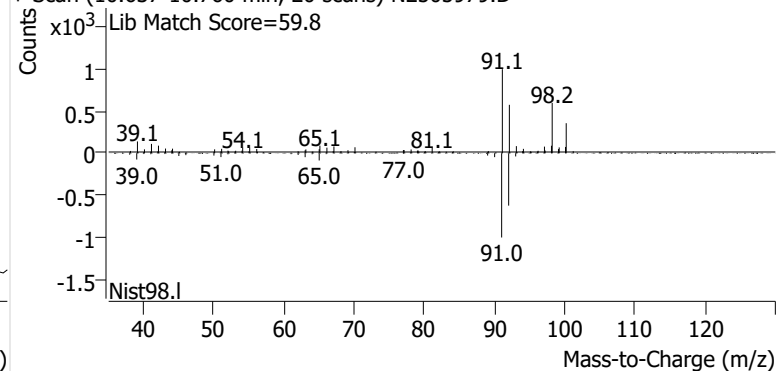
+ Scan (10.529-10.725 min, 33 scans) N2505979.D

**Toluene**

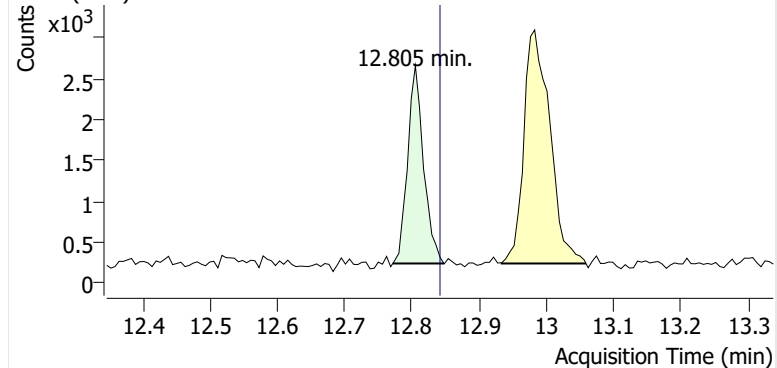
+ EIC (91.1) Scan N2505979.D



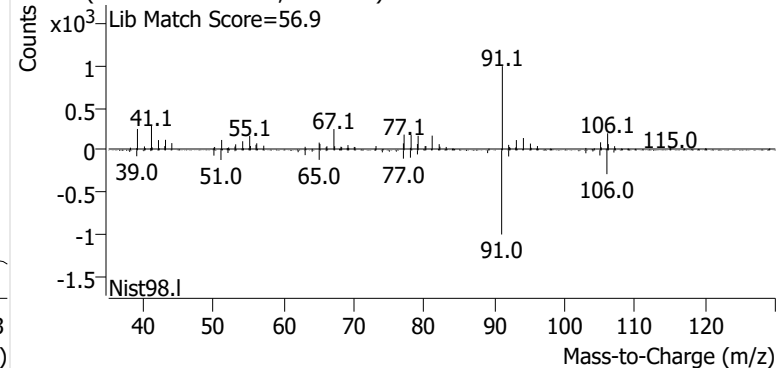
+ Scan (10.637-10.760 min, 20 scans) N2505979.D

**Ethylbenzene**

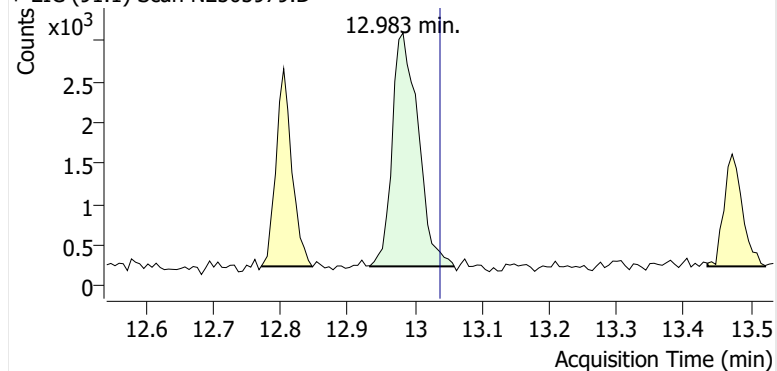
+ EIC (91.1) Scan N2505979.D



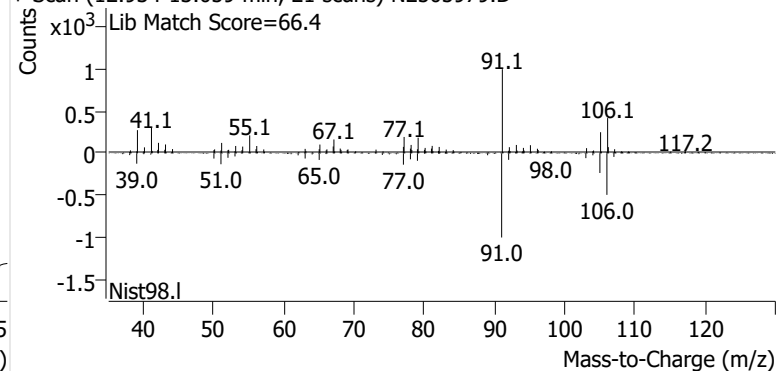
+ Scan (12.772-12.848 min, 12 scans) N2505979.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505979.D

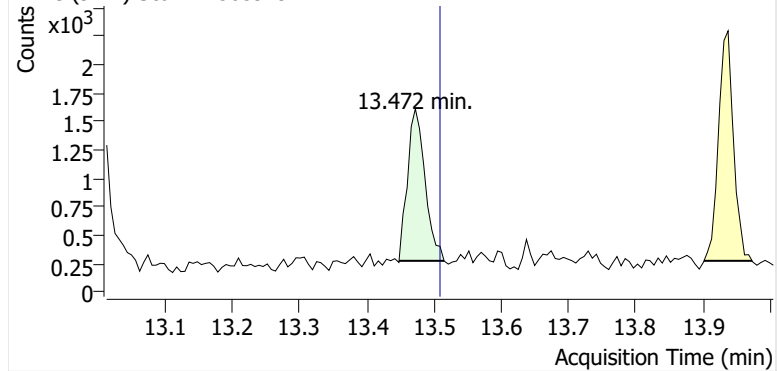


+ Scan (12.934-13.059 min, 21 scans) N2505979.D

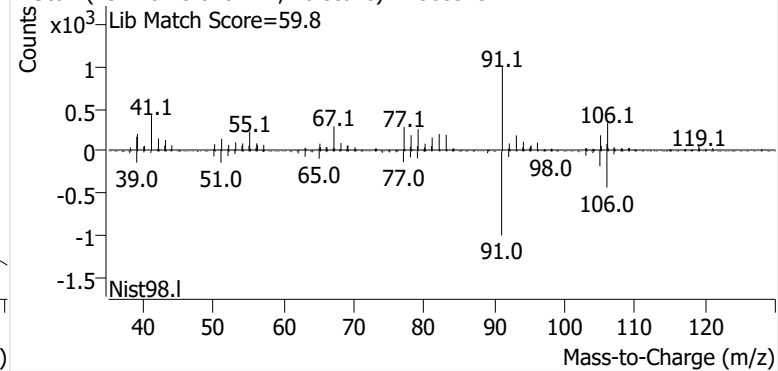


o-Xylene

+ EIC (91.1) Scan N2505979.D

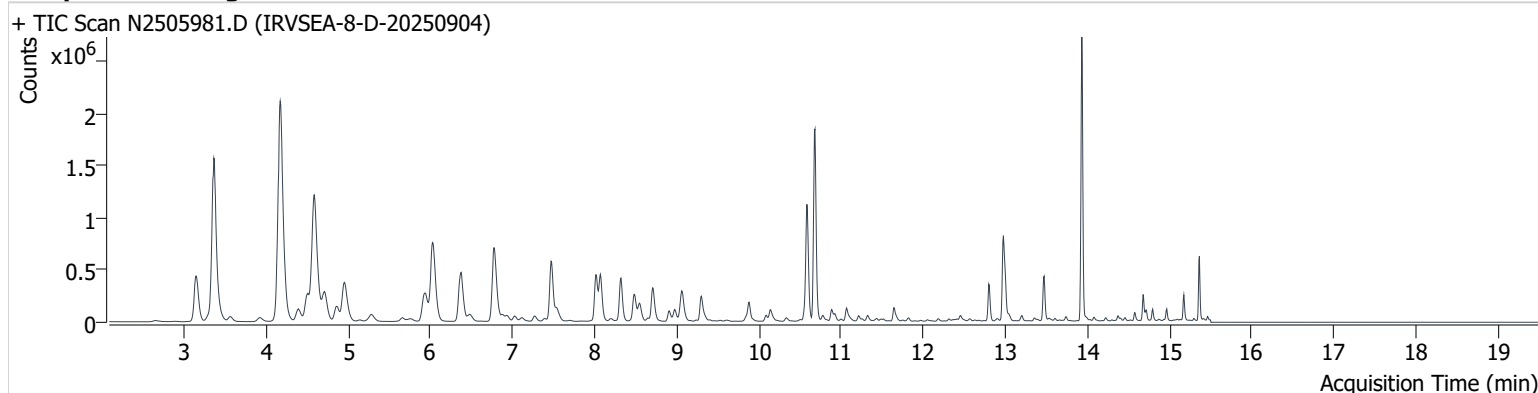


+ Scan (13.448-13.515 min, 10 scans) N2505979.D



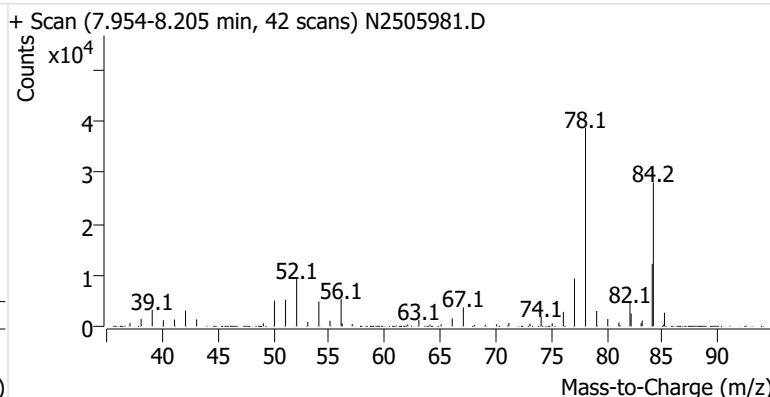
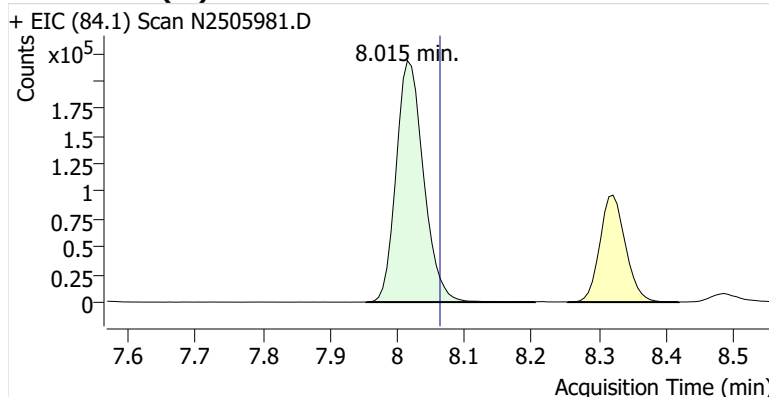
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Comment C24205
Data File N2505981.D
Acq. Date-Time 10/3/2025 6:01:51 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

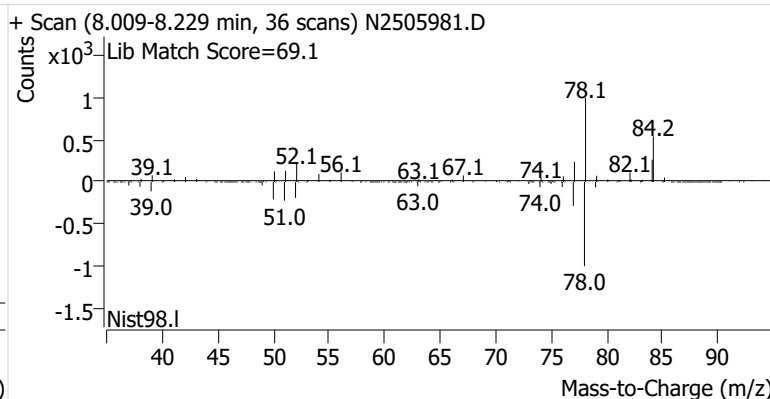
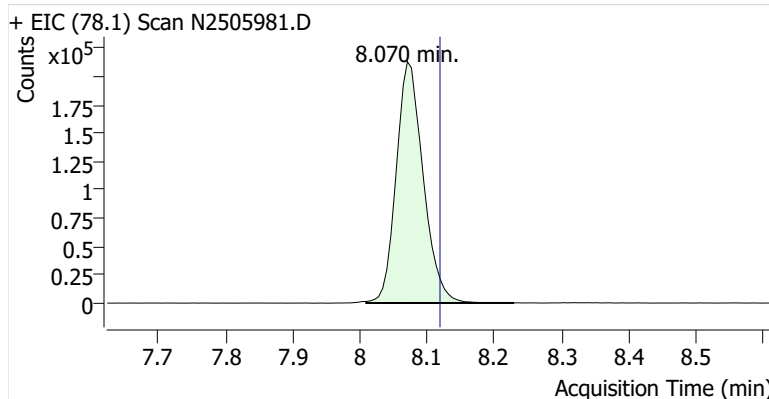


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.015	8.064	620,384	
Benzene	Benzene-d6 (IS)	8.070	8.119	593,794	
Toluene-d8 (IS)		10.585	10.627	940,880	
Toluene	Toluene-d8 (IS)	10.683	10.719	1,625,891	
Ethylbenzene	Toluene-d8 (IS)	12.799	12.842	285,978	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	742,377	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	289,162	

Benzene-d6 (IS)

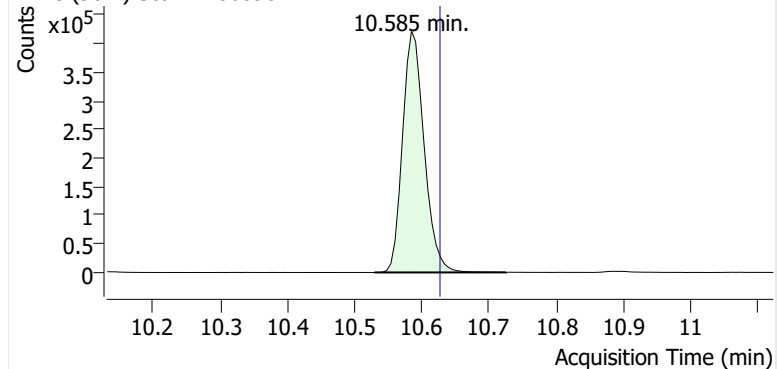


Benzene

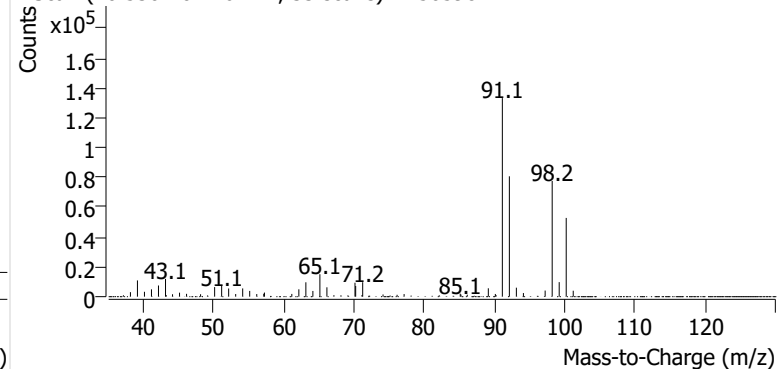


Toluene-d8 (IS)

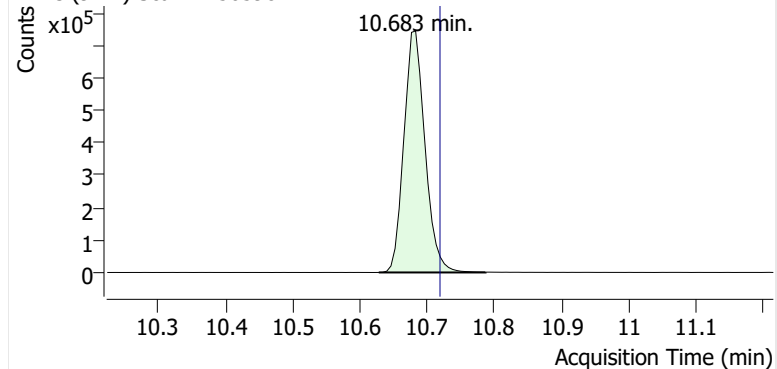
+ EIC (98.1) Scan N2505981.D



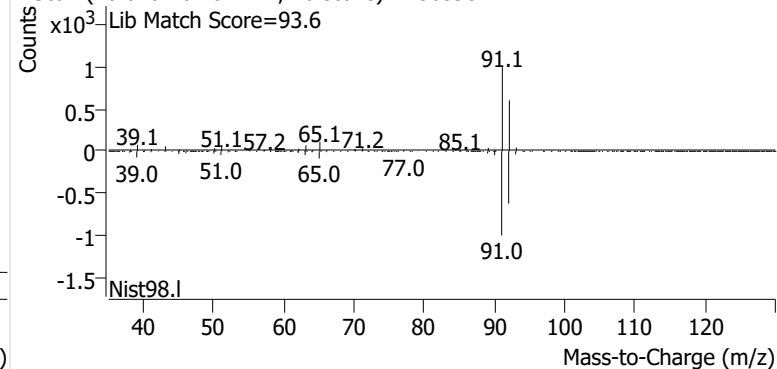
+ Scan (10.530-10.726 min, 33 scans) N2505981.D

**Toluene**

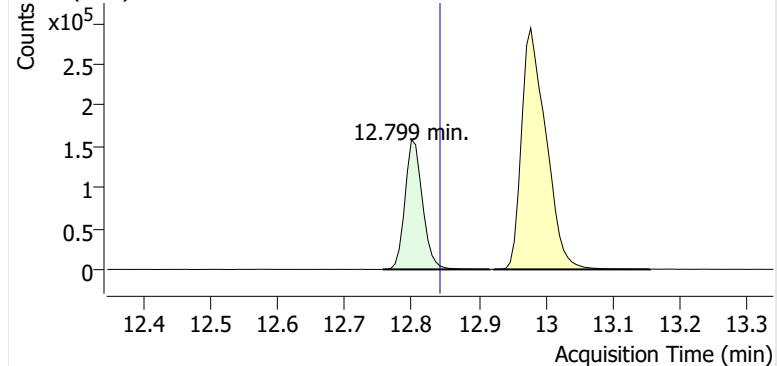
+ EIC (91.1) Scan N2505981.D



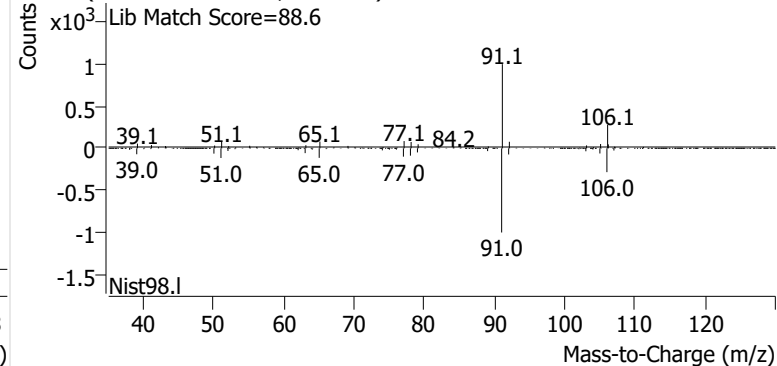
+ Scan (10.628-10.787 min, 26 scans) N2505981.D

**Ethylbenzene**

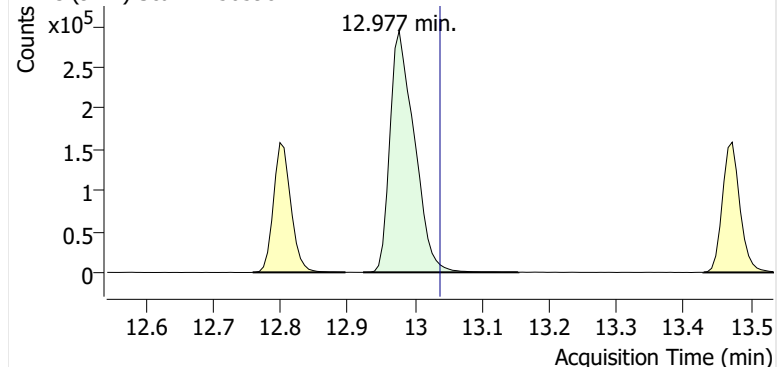
+ EIC (91.1) Scan N2505981.D



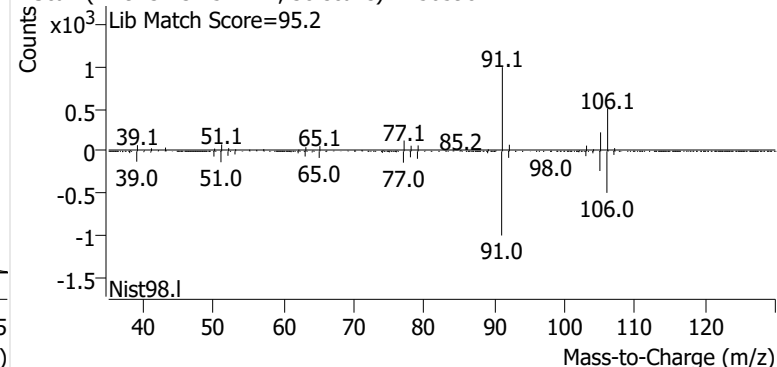
+ Scan (12.757-12.916 min, 27 scans) N2505981.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505981.D

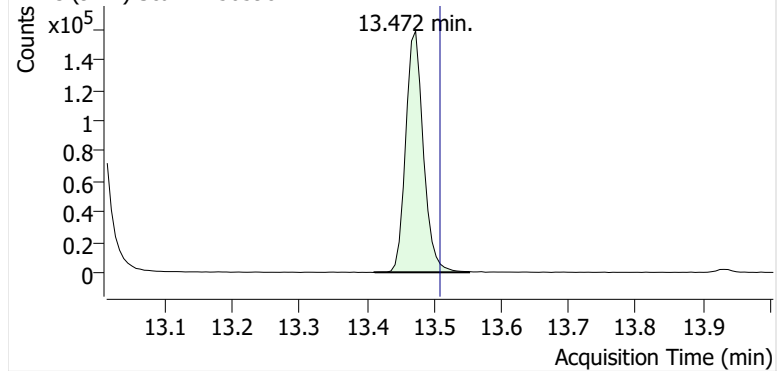


+ Scan (12.923-13.154 min, 38 scans) N2505981.D

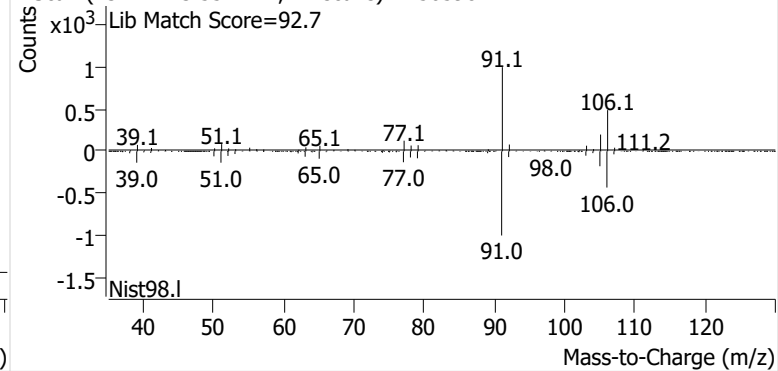


o-Xylene

+ EIC (91.1) Scan N2505981.D

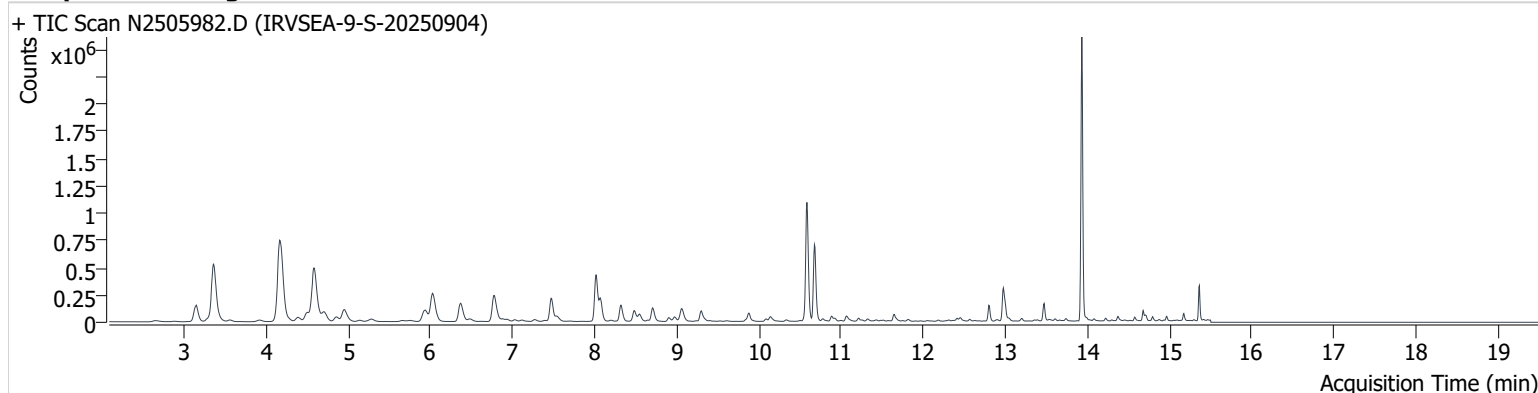


+ Scan (13.411-13.552 min, 24 scans) N2505981.D



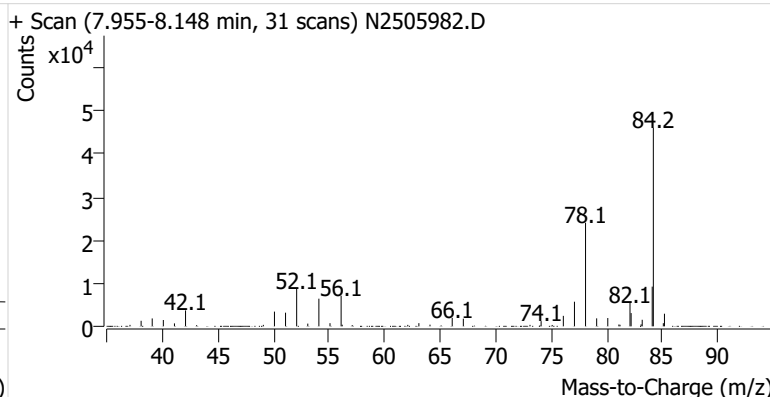
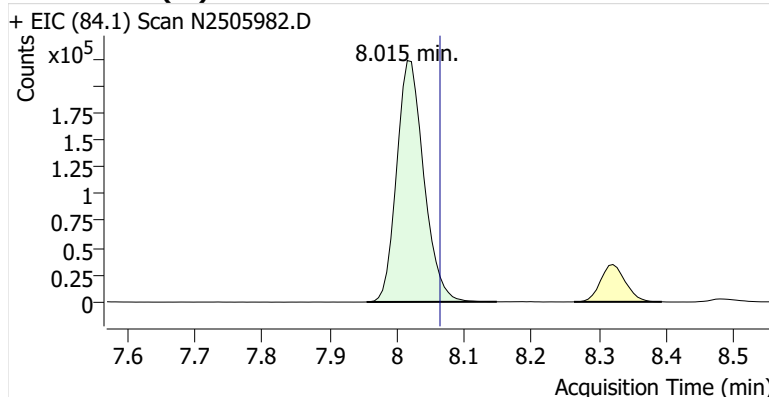
Name IRVSEA-9-S-20250904
Comment C00664
Data File N2505982.D
Acq. Date-Time 10/3/2025 6:41:49 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

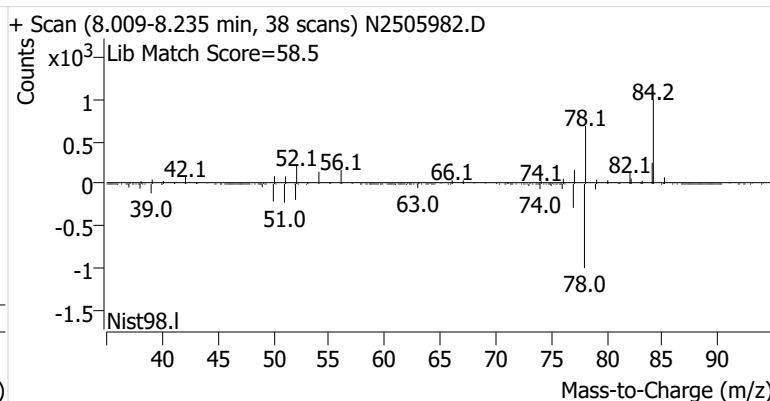
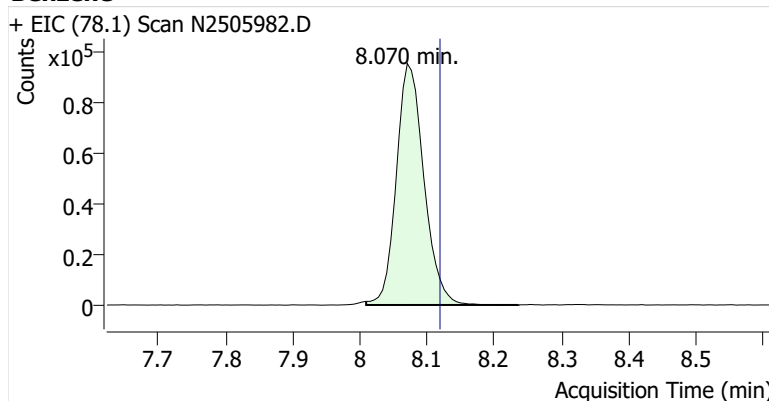


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.015	8.064	625,814	
Benzene	Benzene-d6 (IS)	8.070	8.119	272,122	
Toluene-d8 (IS)		10.585	10.627	947,528	
Toluene	Toluene-d8 (IS)	10.676	10.719	630,906	
Ethylbenzene	Toluene-d8 (IS)	12.799	12.842	115,360	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	273,288	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	105,833	

Benzene-d6 (IS)

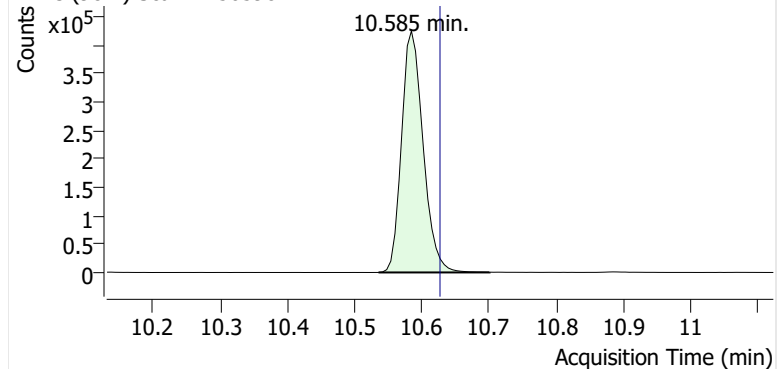


Benzene

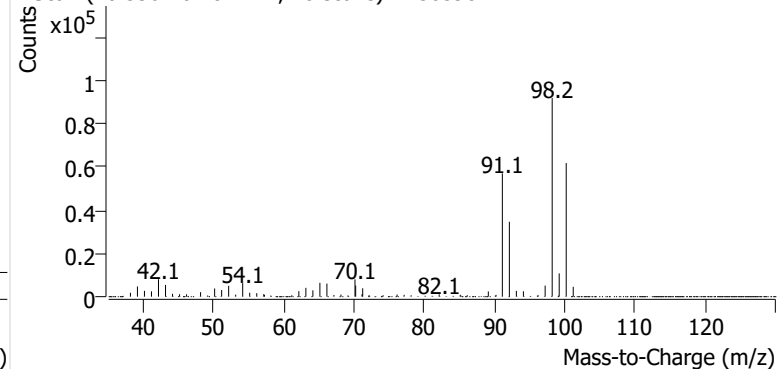


Toluene-d8 (IS)

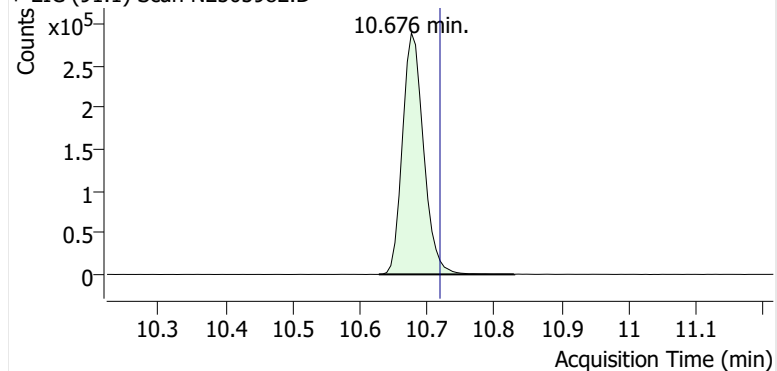
+ EIC (98.1) Scan N2505982.D



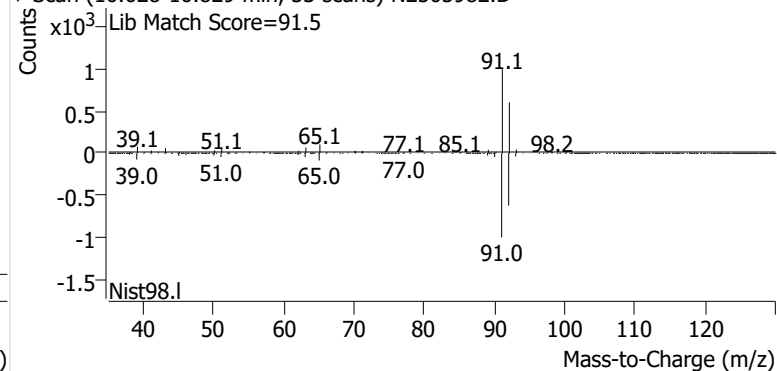
+ Scan (10.536-10.701 min, 28 scans) N2505982.D

**Toluene**

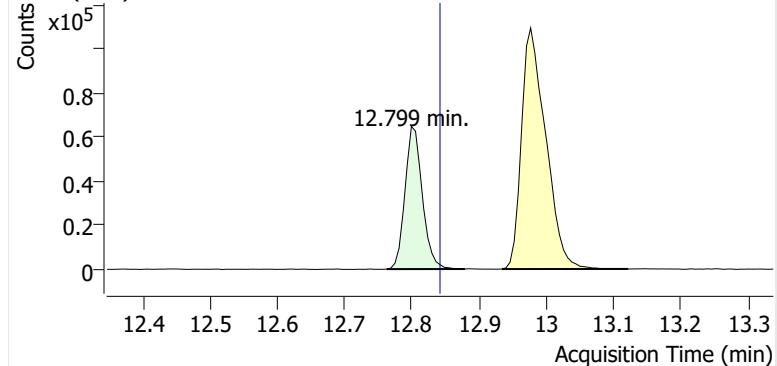
+ EIC (91.1) Scan N2505982.D



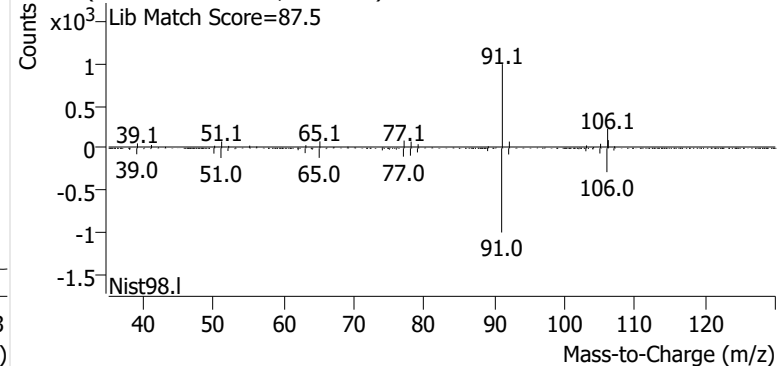
+ Scan (10.628-10.829 min, 33 scans) N2505982.D

**Ethylbenzene**

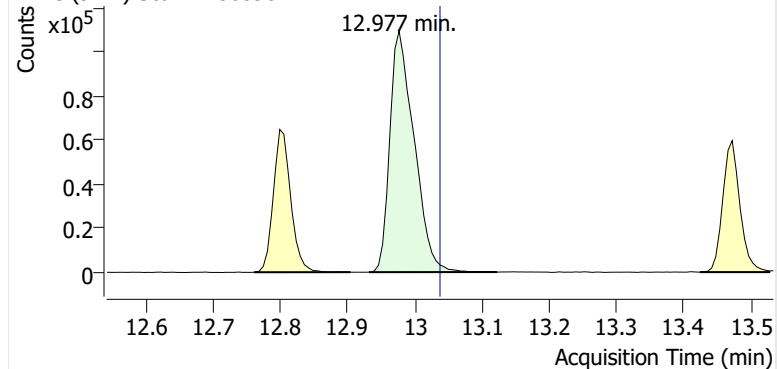
+ EIC (91.1) Scan N2505982.D



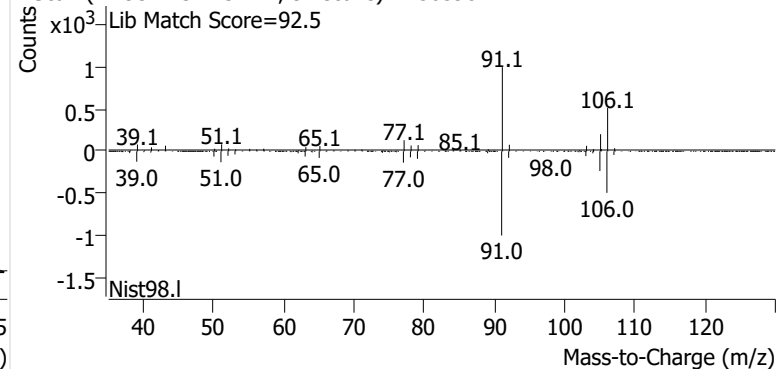
+ Scan (12.763-12.879 min, 19 scans) N2505982.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505982.D

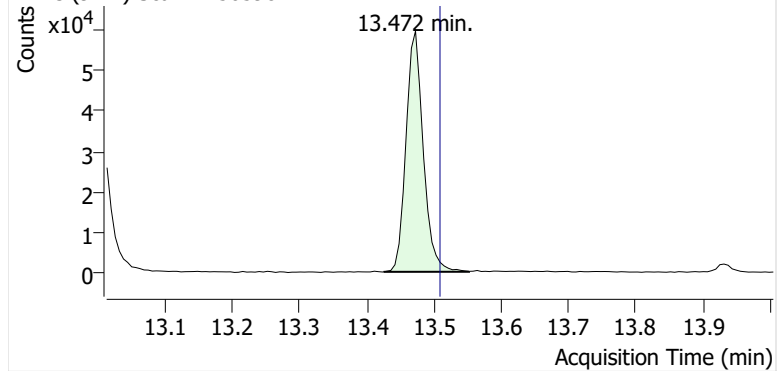


+ Scan (12.932-13.123 min, 31 scans) N2505982.D

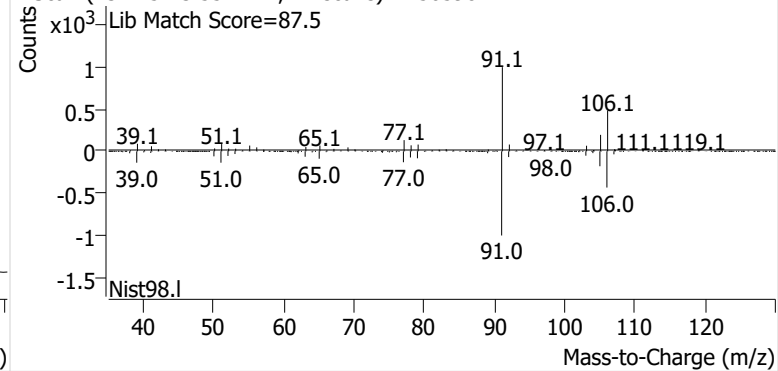


o-Xylene

+ EIC (91.1) Scan N2505982.D

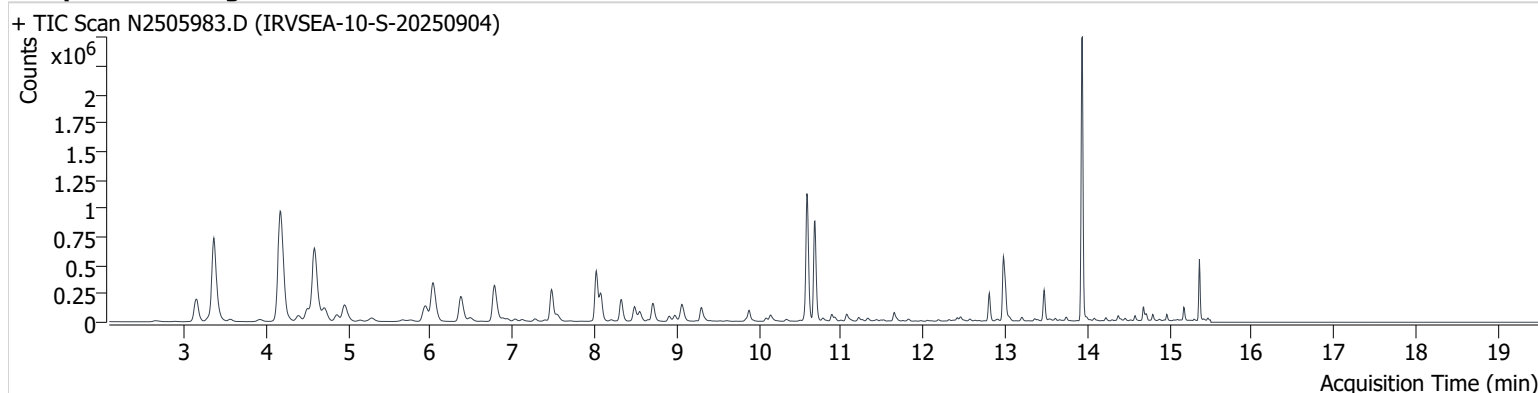


+ Scan (13.425-13.552 min, 21 scans) N2505982.D



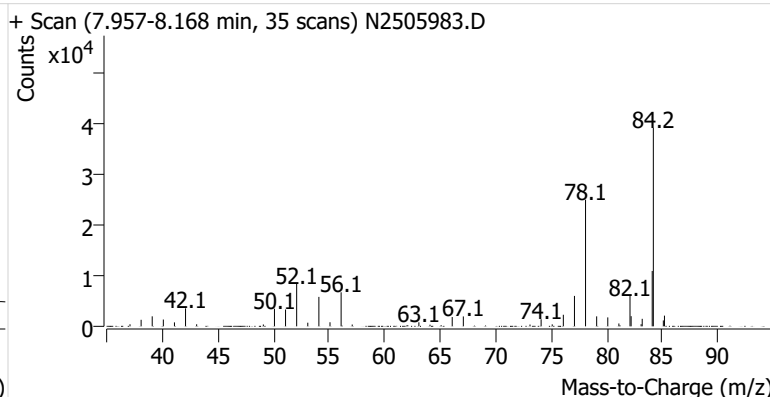
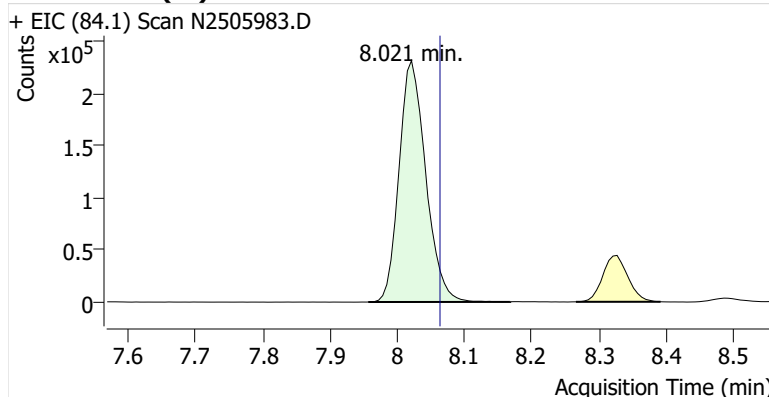
Name IRVSEA-10-S-20250904
Comment B43299
Data File N2505983.D
Acq. Date-Time 10/3/2025 7:21:46 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

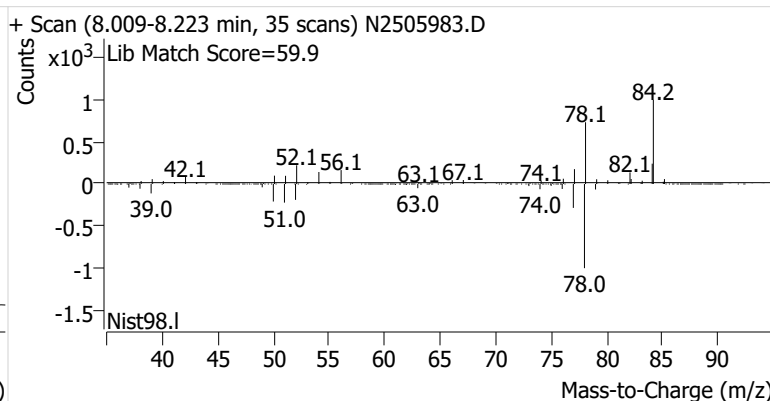
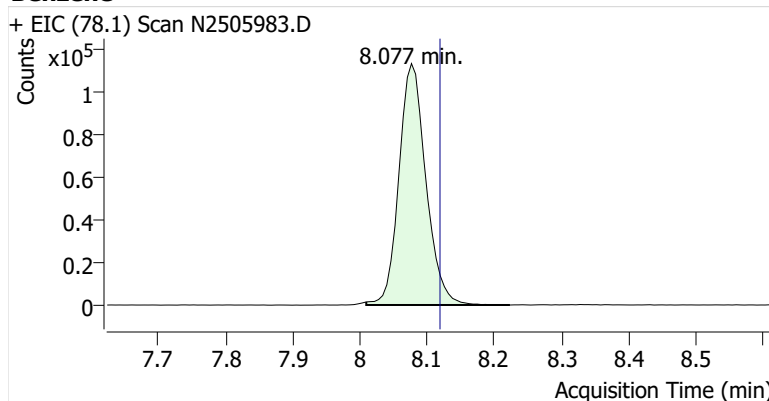


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	637,630	
Benzene	Benzene-d6 (IS)	8.077	8.119	316,768	
Toluene-d8 (IS)		10.585	10.627	957,177	
Toluene	Toluene-d8 (IS)	10.677	10.719	788,190	
Ethylbenzene	Toluene-d8 (IS)	12.806	12.842	196,436	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	519,635	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	176,652	

Benzene-d6 (IS)

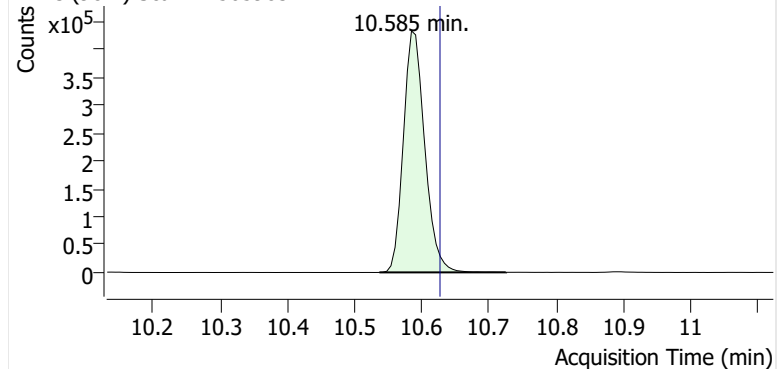


Benzene

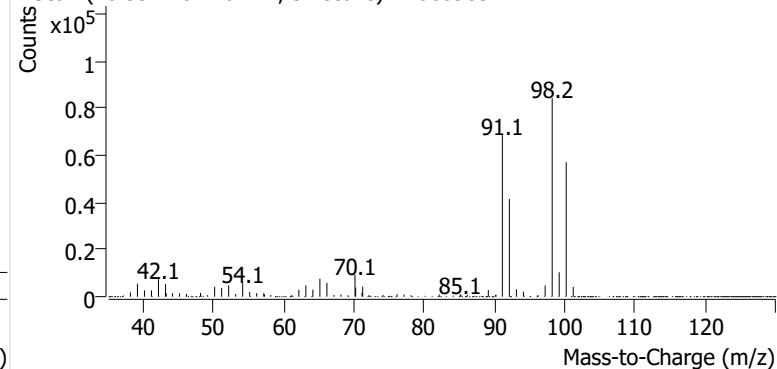


Toluene-d8 (IS)

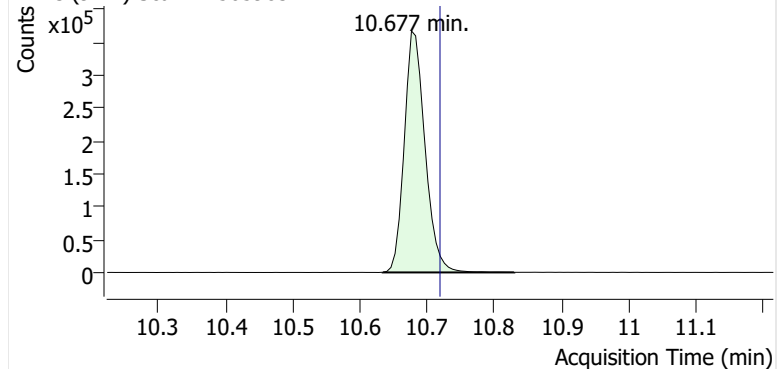
+ EIC (98.1) Scan N2505983.D



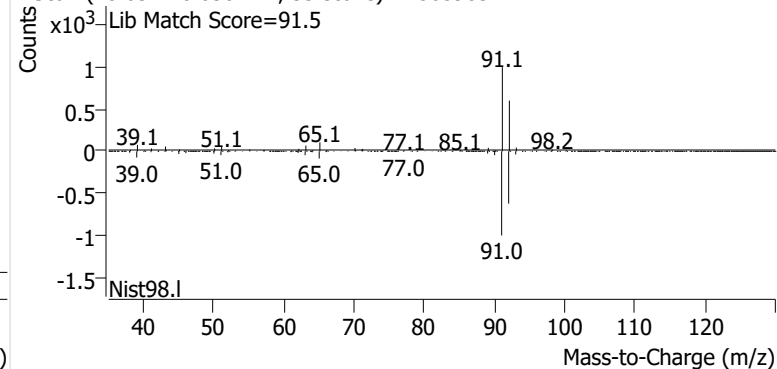
+ Scan (10.537-10.726 min, 31 scans) N2505983.D

**Toluene**

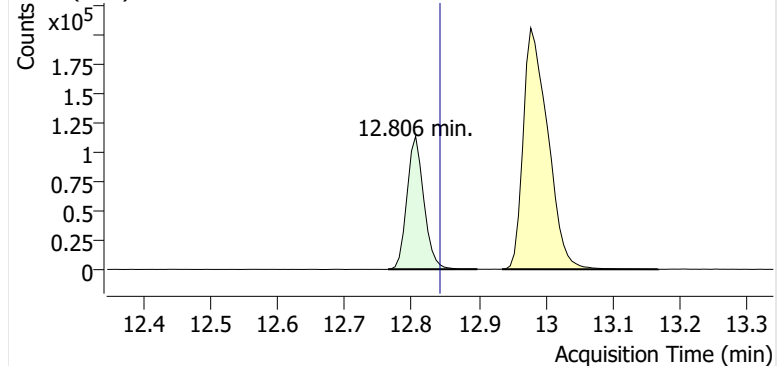
+ EIC (91.1) Scan N2505983.D



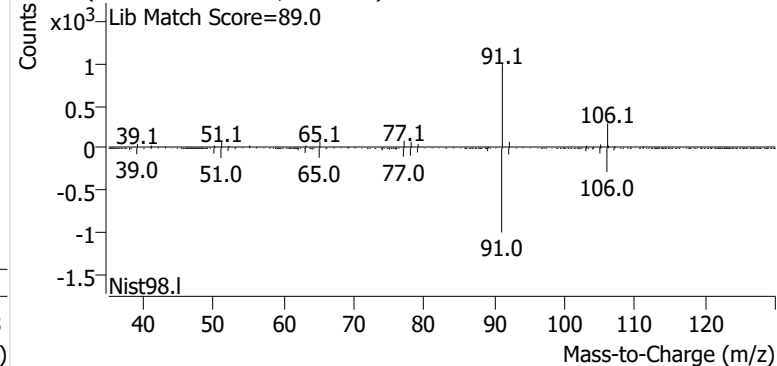
+ Scan (10.634-10.830 min, 33 scans) N2505983.D

**Ethylbenzene**

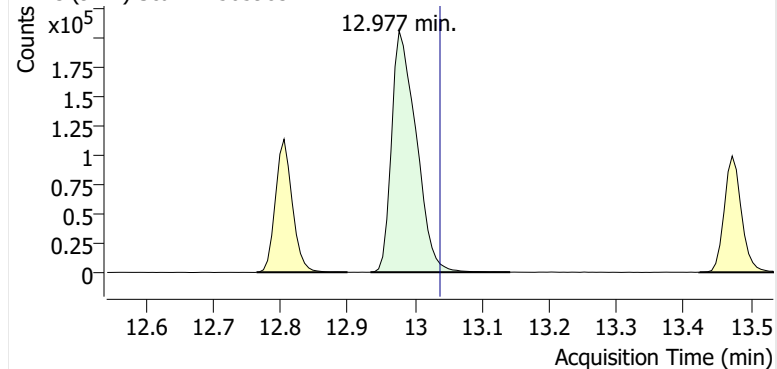
+ EIC (91.1) Scan N2505983.D



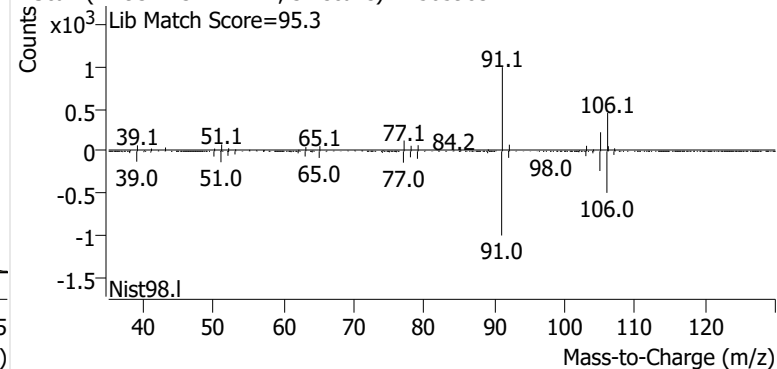
+ Scan (12.765-12.897 min, 22 scans) N2505983.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505983.D

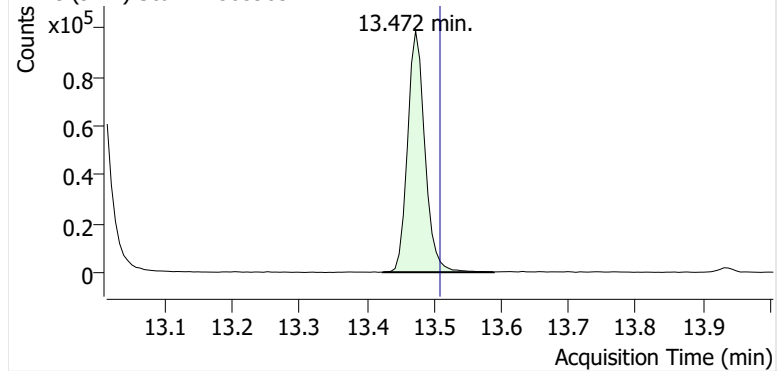


+ Scan (12.934-13.142 min, 34 scans) N2505983.D

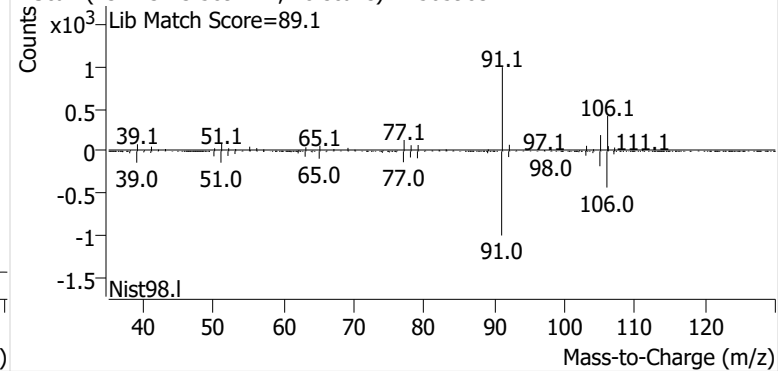


o-Xylene

+ EIC (91.1) Scan N2505983.D

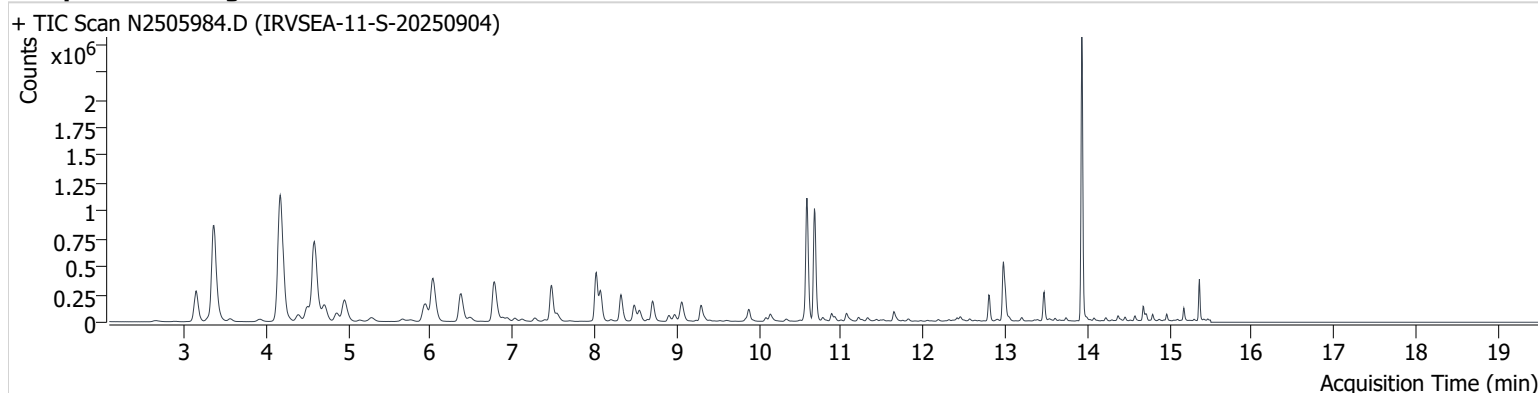


+ Scan (13.423-13.589 min, 28 scans) N2505983.D



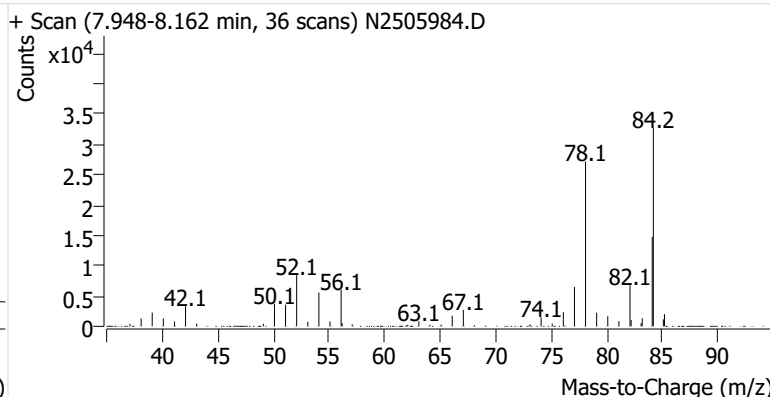
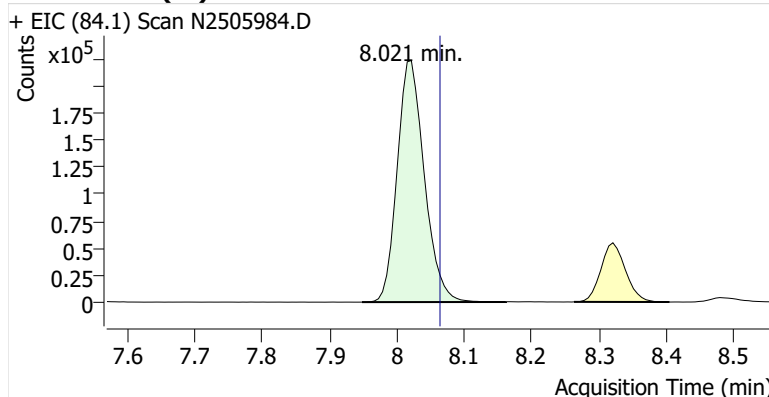
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Comment B29389
Data File N2505984.D
Acq. Date-Time 10/3/2025 8:01:42 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

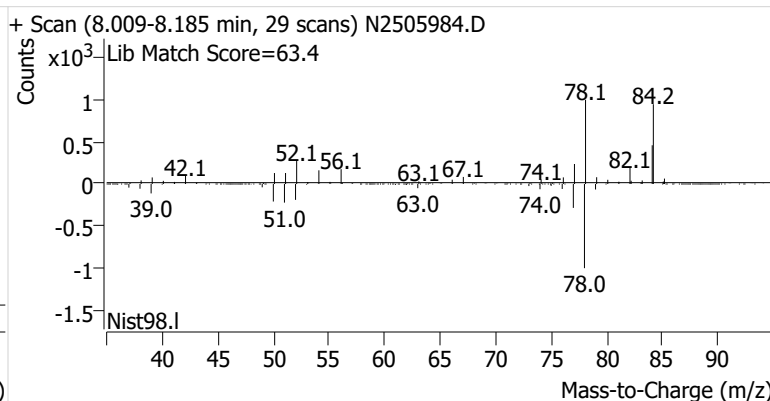
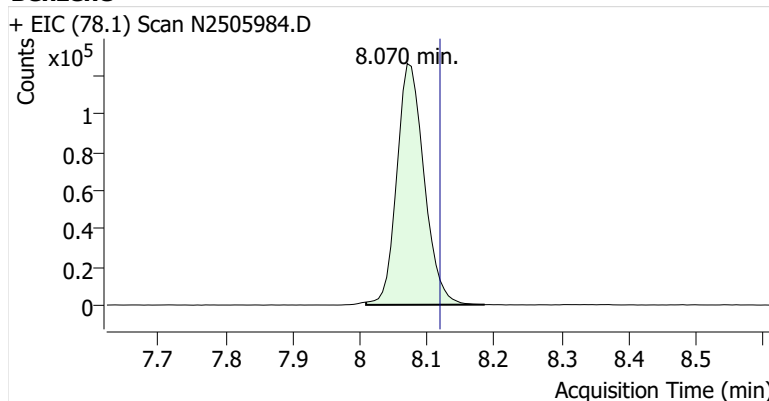


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	626,018	
Benzene	Benzene-d6 (IS)	8.070	8.119	355,862	
Toluene-d8 (IS)		10.585	10.627	942,908	
Toluene	Toluene-d8 (IS)	10.676	10.719	901,962	
Ethylbenzene	Toluene-d8 (IS)	12.799	12.842	194,162	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	480,772	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	171,789	

Benzene-d6 (IS)

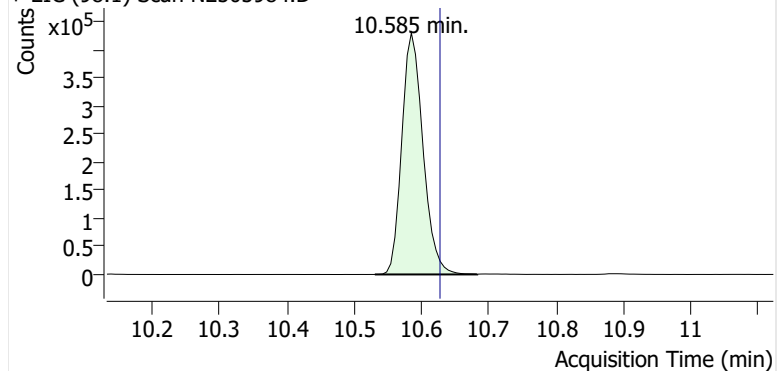


Benzene

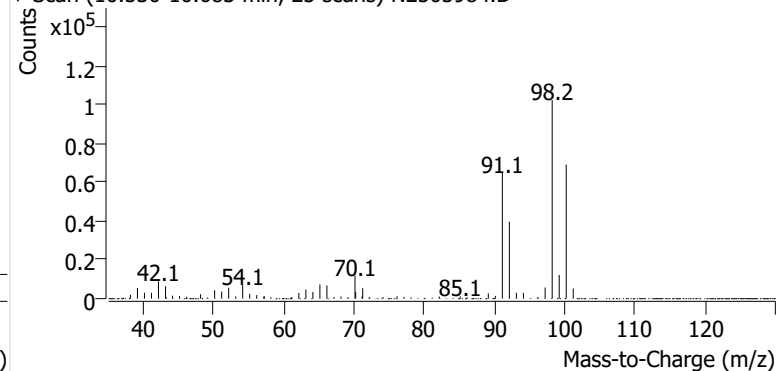


Toluene-d8 (IS)

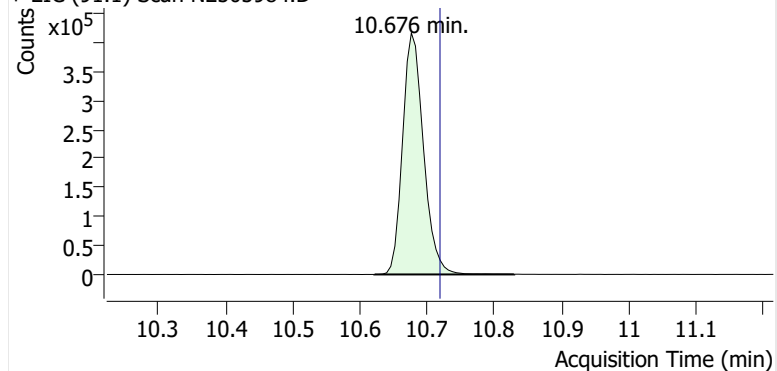
+ EIC (98.1) Scan N2505984.D



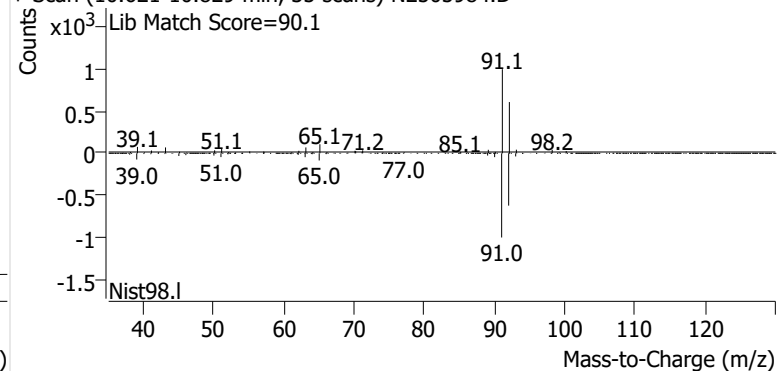
+ Scan (10.530-10.683 min, 25 scans) N2505984.D

**Toluene**

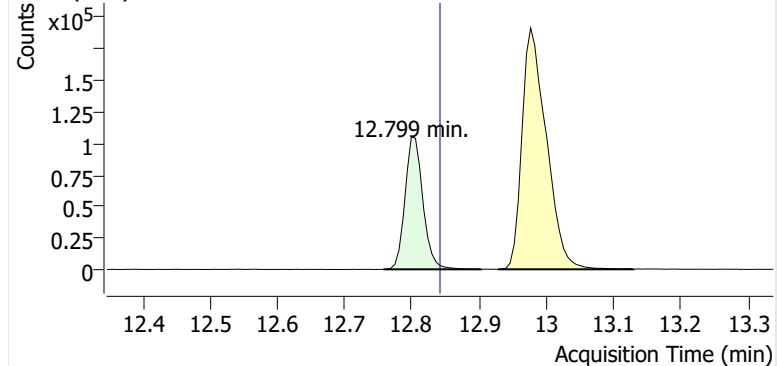
+ EIC (91.1) Scan N2505984.D



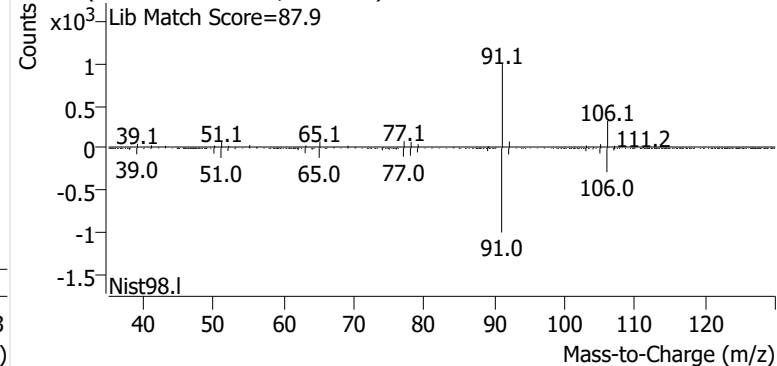
+ Scan (10.621-10.829 min, 35 scans) N2505984.D

**Ethylbenzene**

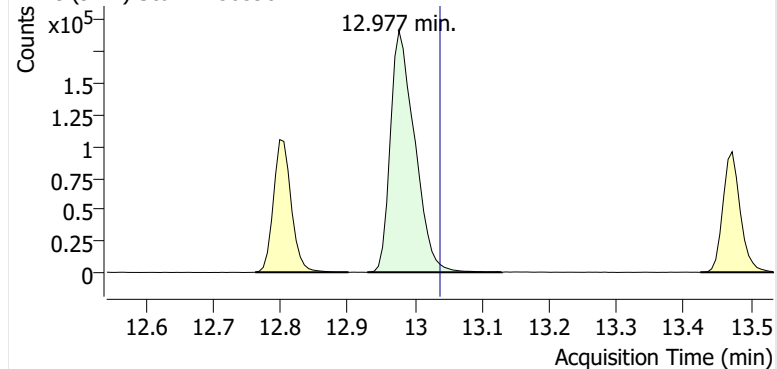
+ EIC (91.1) Scan N2505984.D



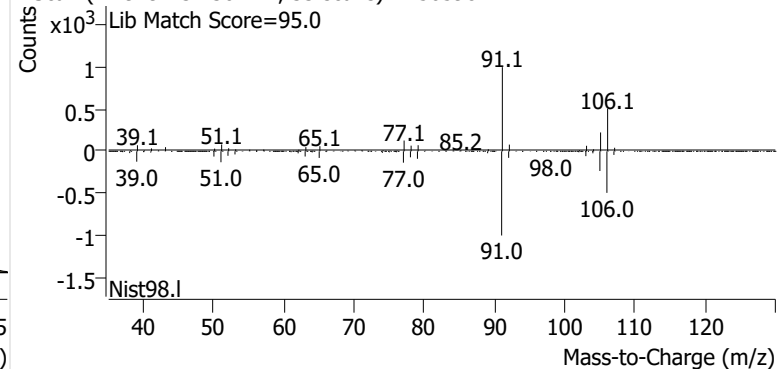
+ Scan (12.758-12.903 min, 24 scans) N2505984.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505984.D

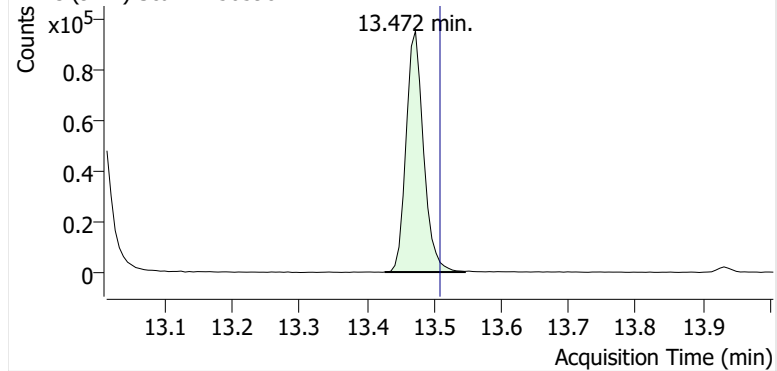


+ Scan (12.929-13.130 min, 33 scans) N2505984.D

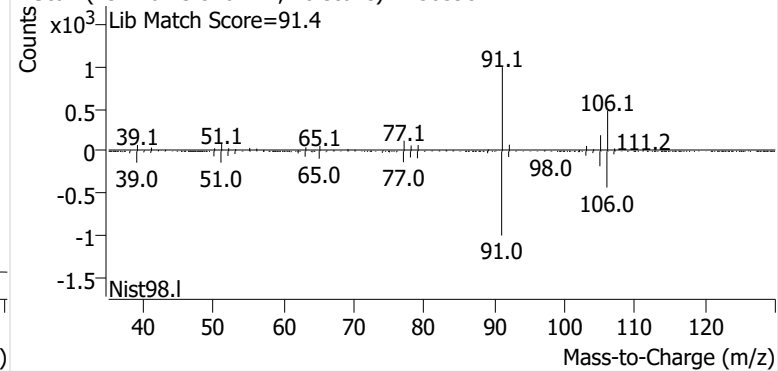


o-Xylene

+ EIC (91.1) Scan N2505984.D

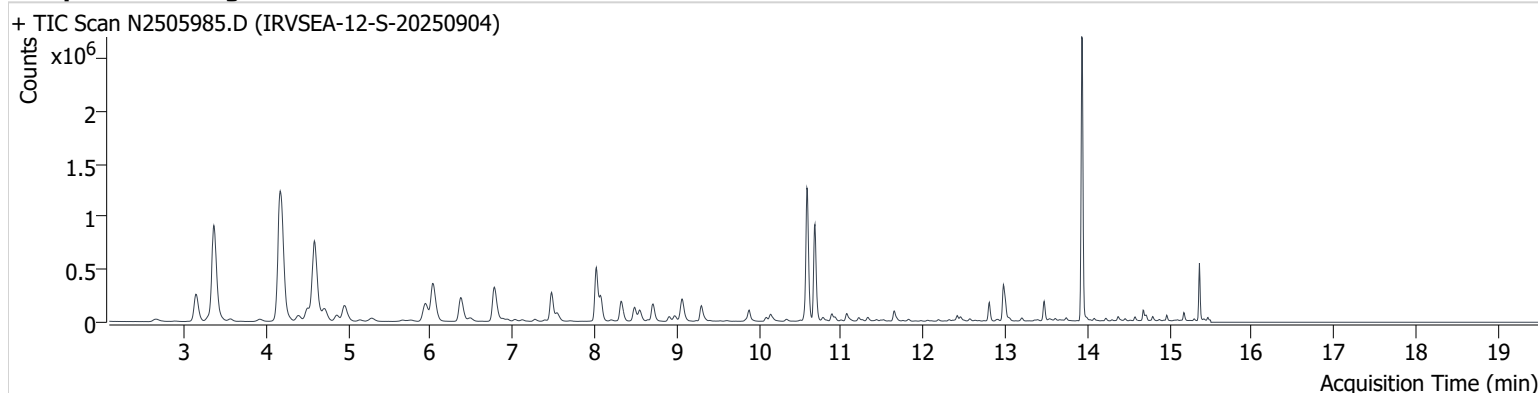


+ Scan (13.426-13.546 min, 20 scans) N2505984.D



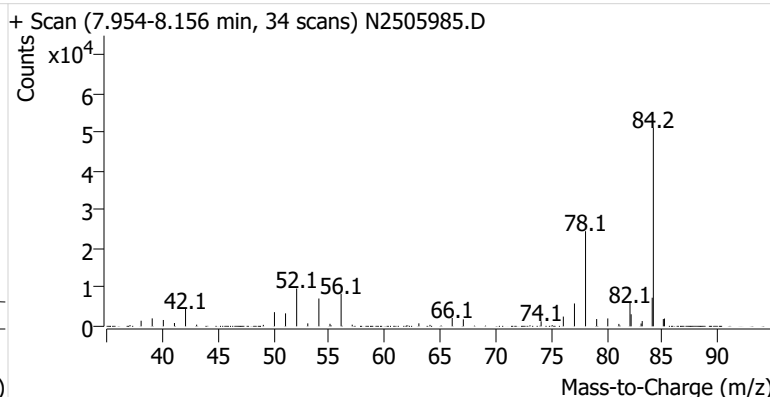
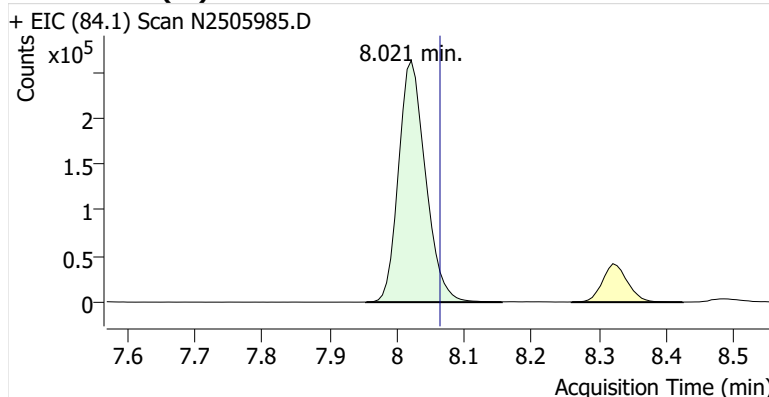
Name IRVSEA-12-S-20250904
Comment C37468
Data File N2505985.D
Acq. Date-Time 10/3/2025 8:41:40 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

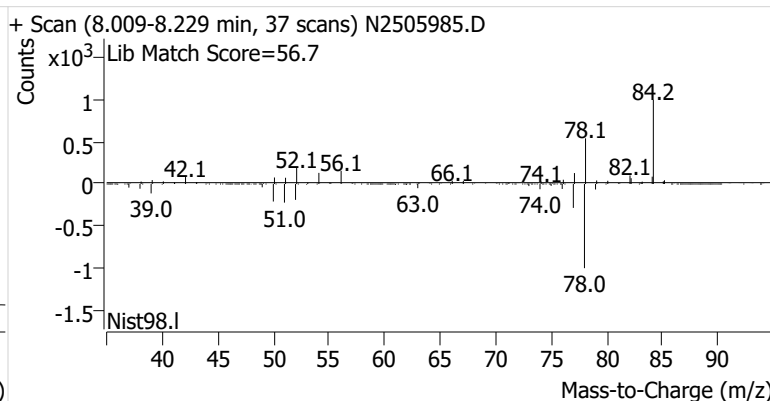
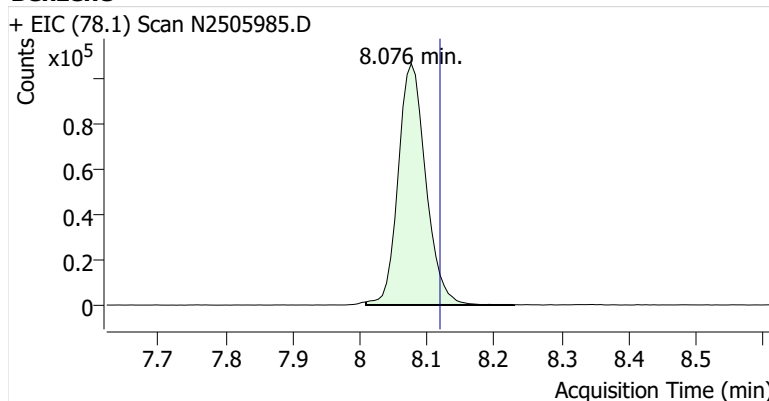


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	731,280	
Benzene	Benzene-d6 (IS)	8.076	8.119	304,536	
Toluene-d8 (IS)		10.584	10.627	1,069,061	
Toluene	Toluene-d8 (IS)	10.682	10.719	786,900	
Ethylbenzene	Toluene-d8 (IS)	12.805	12.842	140,175	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	312,337	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	121,393	

Benzene-d6 (IS)

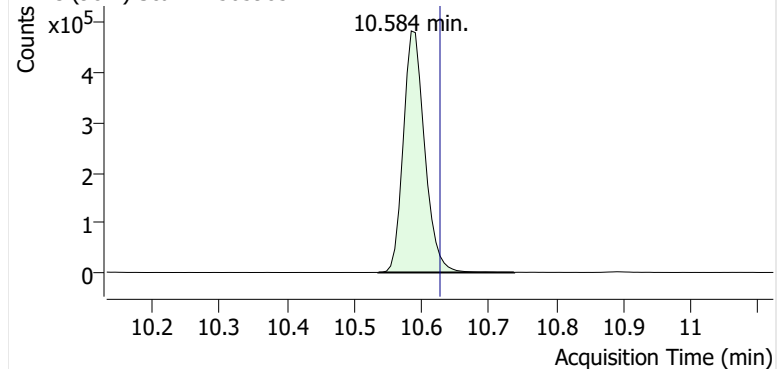


Benzene

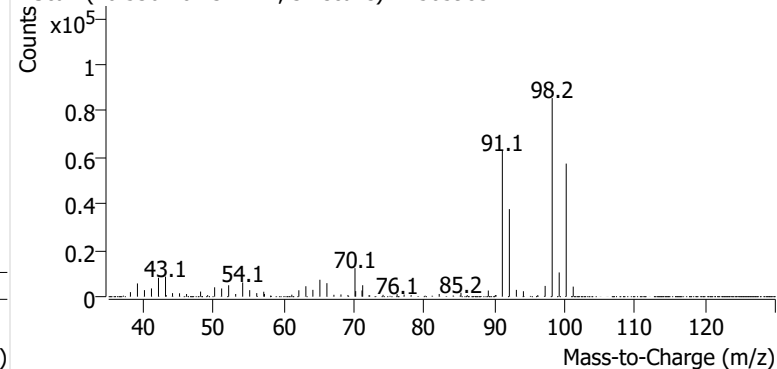


Toluene-d8 (IS)

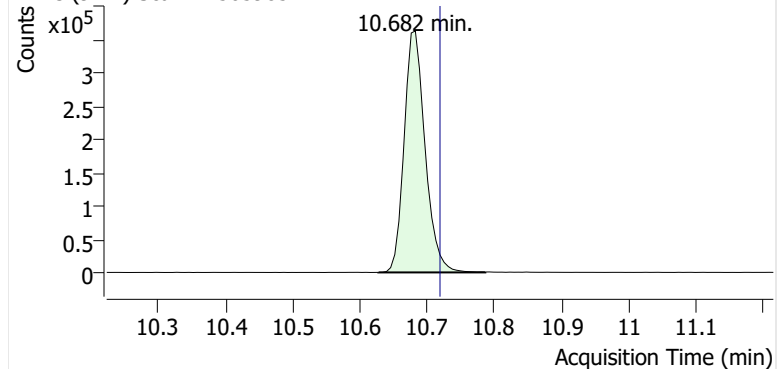
+ EIC (98.1) Scan N2505985.D



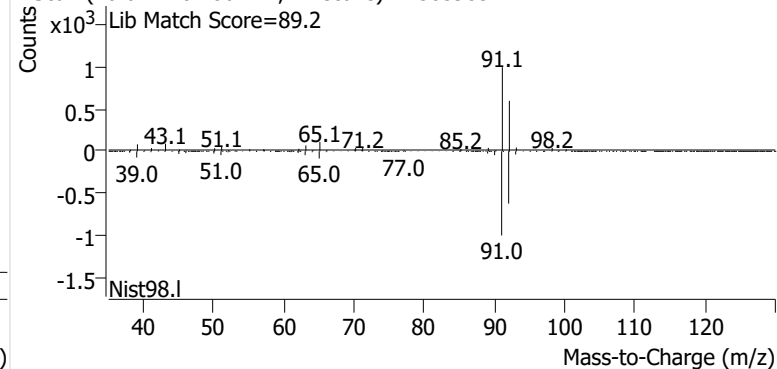
+ Scan (10.536-10.737 min, 34 scans) N2505985.D

**Toluene**

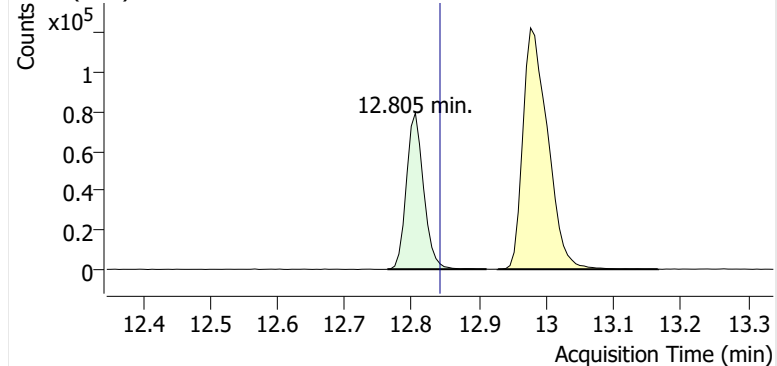
+ EIC (91.1) Scan N2505985.D



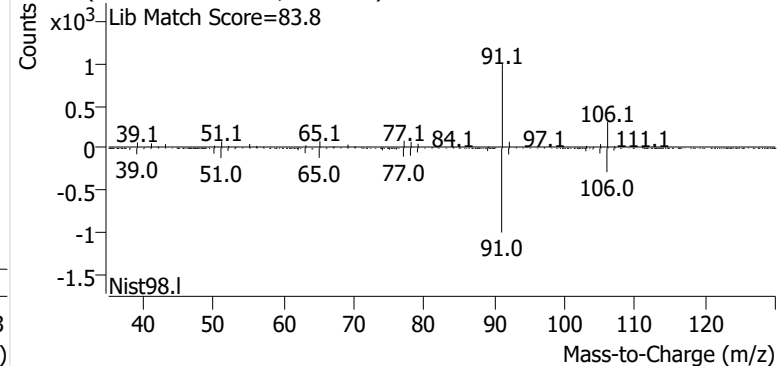
+ Scan (10.627-10.786 min, 27 scans) N2505985.D

**Ethylbenzene**

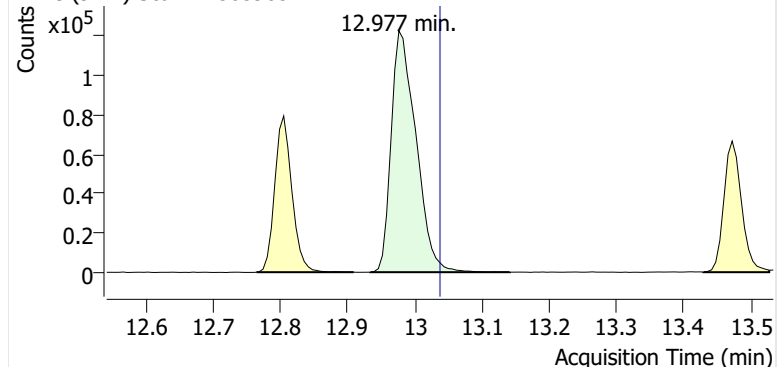
+ EIC (91.1) Scan N2505985.D



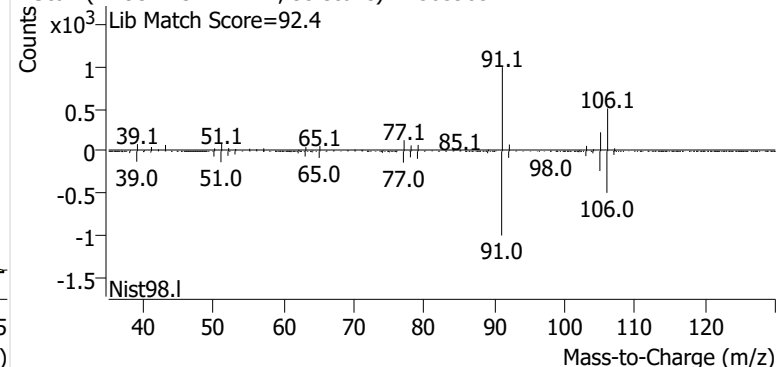
+ Scan (12.764-12.911 min, 24 scans) N2505985.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505985.D

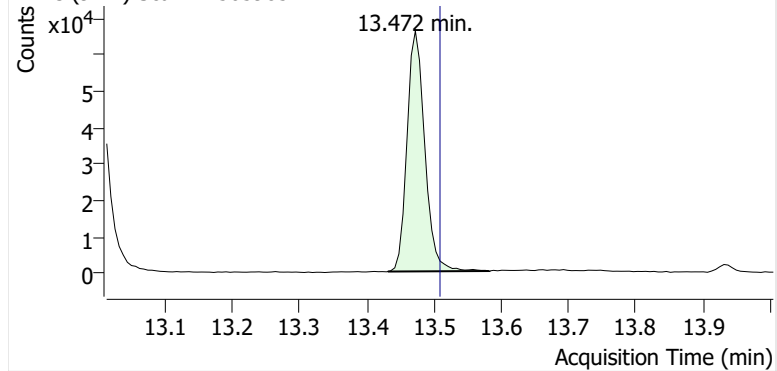


+ Scan (12.934-13.142 min, 35 scans) N2505985.D

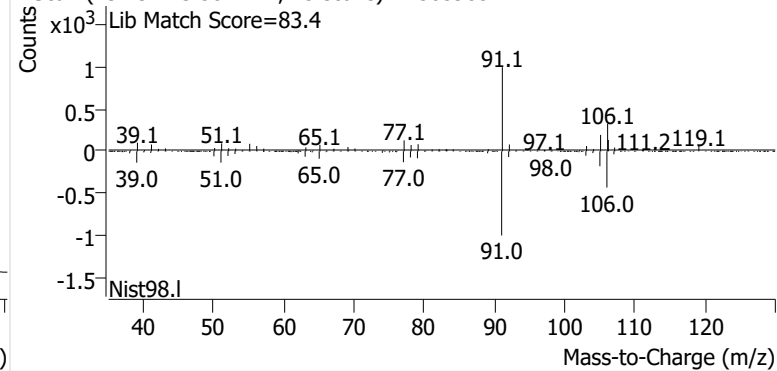


o-Xylene

+ EIC (91.1) Scan N2505985.D

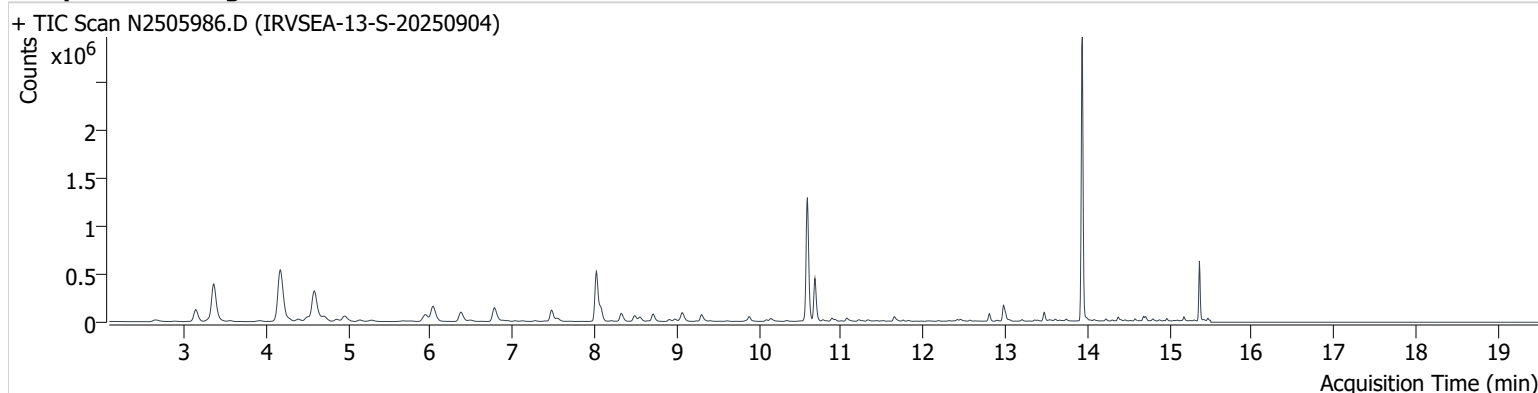


+ Scan (13.431-13.582 min, 25 scans) N2505985.D



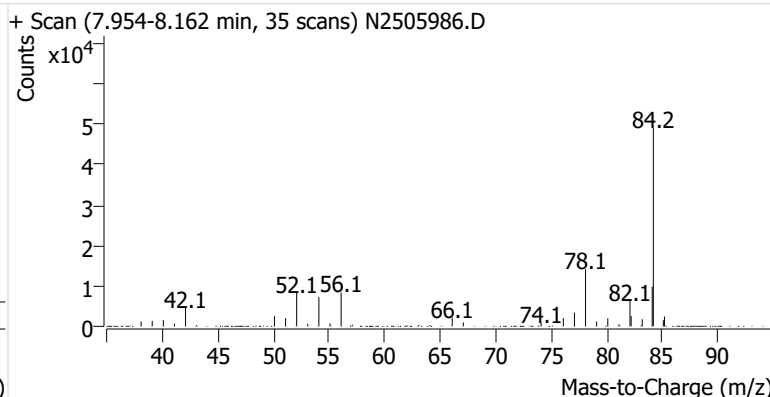
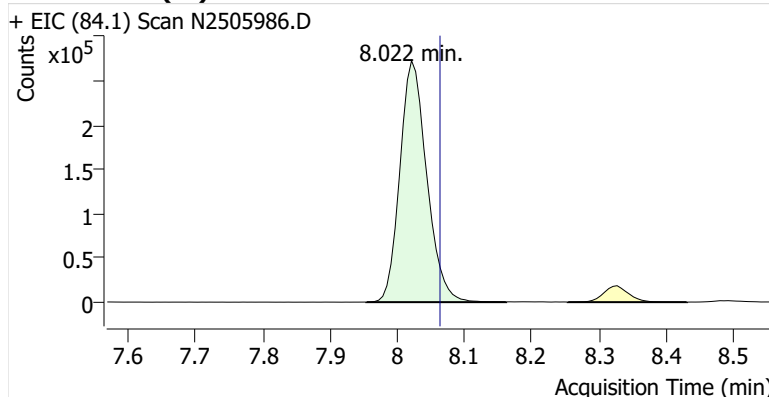
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Comment B50971
Data File N2505986.D
Acq. Date-Time 10/3/2025 9:21:35 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxipack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

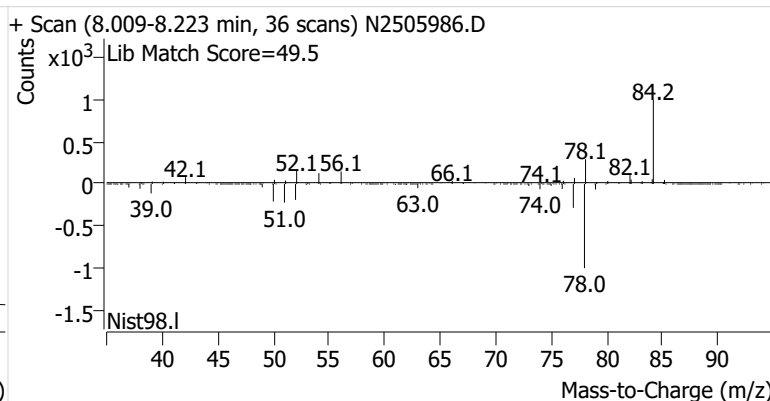
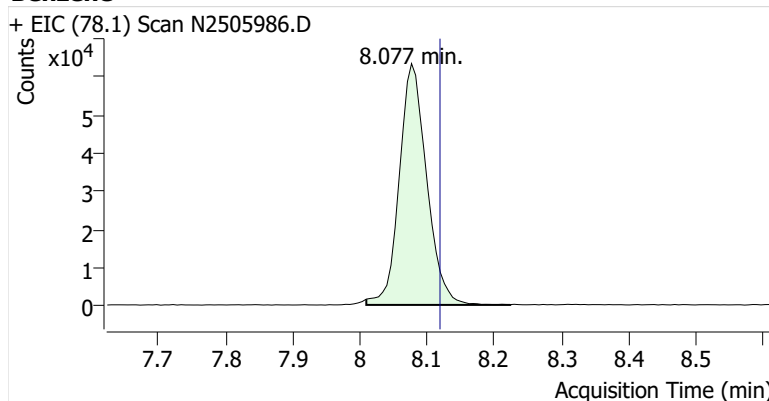


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.022	8.064	757,661	
Benzene	Benzene-d6 (IS)	8.077	8.119	179,692	
Toluene-d8 (IS)		10.591	10.627	1,101,563	
Toluene	Toluene-d8 (IS)	10.683	10.719	376,081	
Ethylbenzene	Toluene-d8 (IS)	12.806	12.842	61,119	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	146,408	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	58,177	

Benzene-d6 (IS)

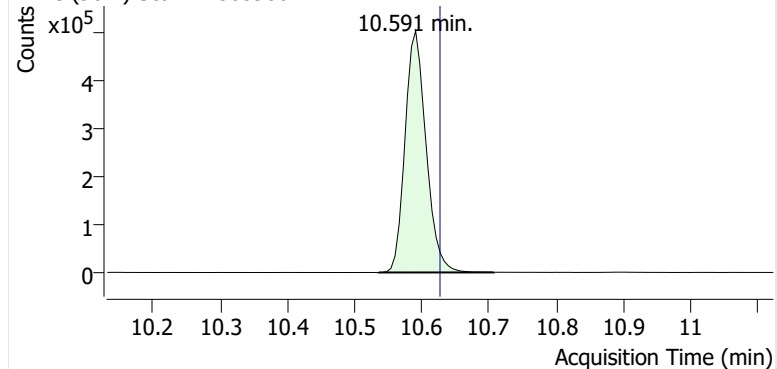


Benzene

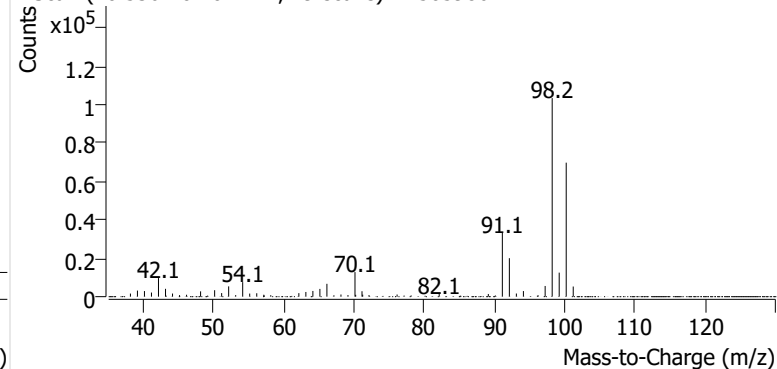


Toluene-d8 (IS)

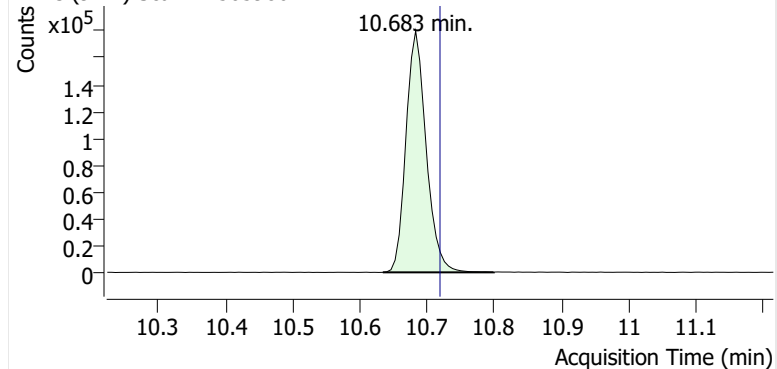
+ EIC (98.1) Scan N2505986.D



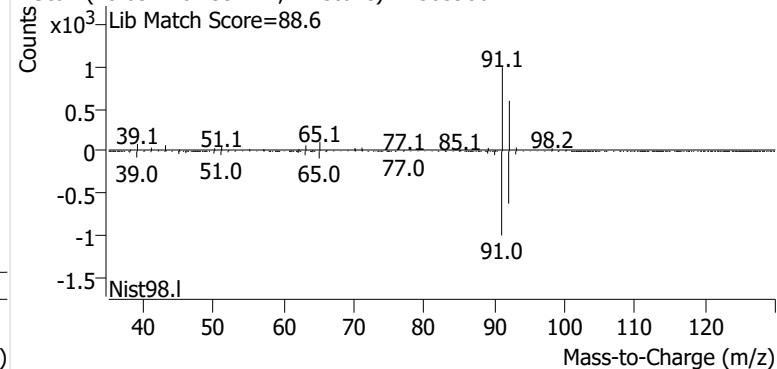
+ Scan (10.536-10.707 min, 29 scans) N2505986.D

**Toluene**

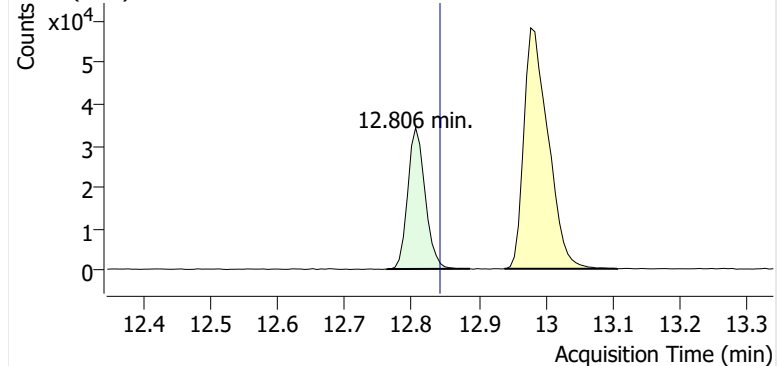
+ EIC (91.1) Scan N2505986.D



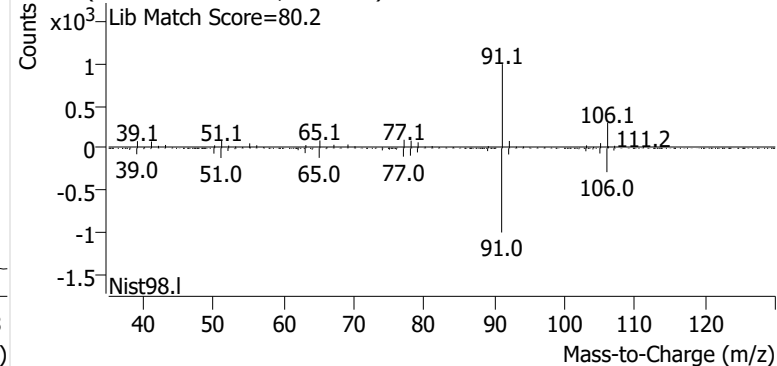
+ Scan (10.634-10.799 min, 27 scans) N2505986.D

**Ethylbenzene**

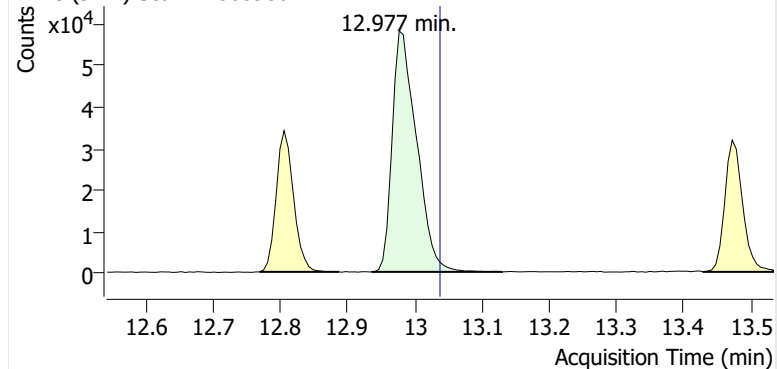
+ EIC (91.1) Scan N2505986.D



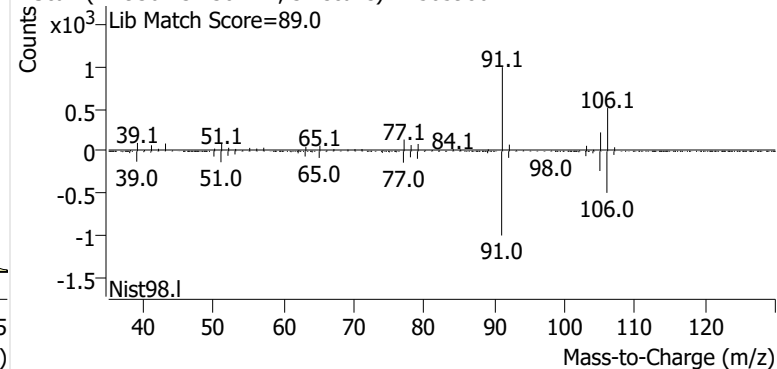
+ Scan (12.763-12.886 min, 21 scans) N2505986.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505986.D

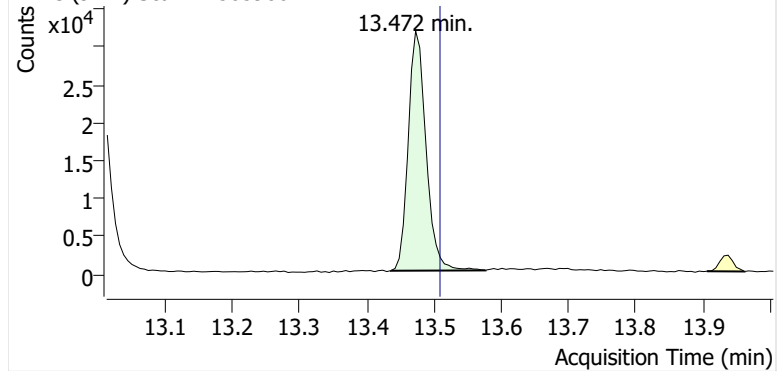


+ Scan (12.936-13.130 min, 32 scans) N2505986.D

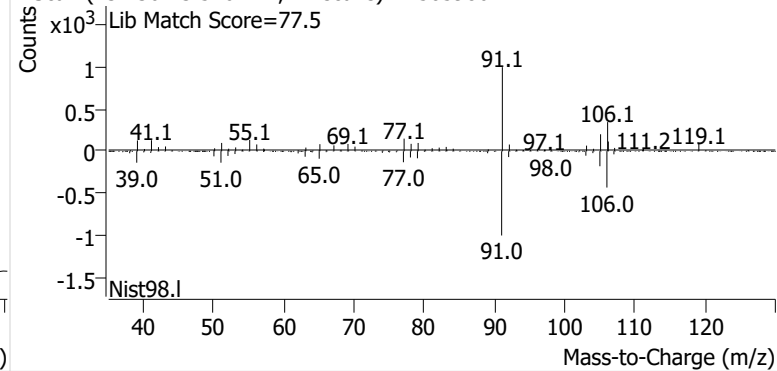


o-Xylene

+ EIC (91.1) Scan N2505986.D

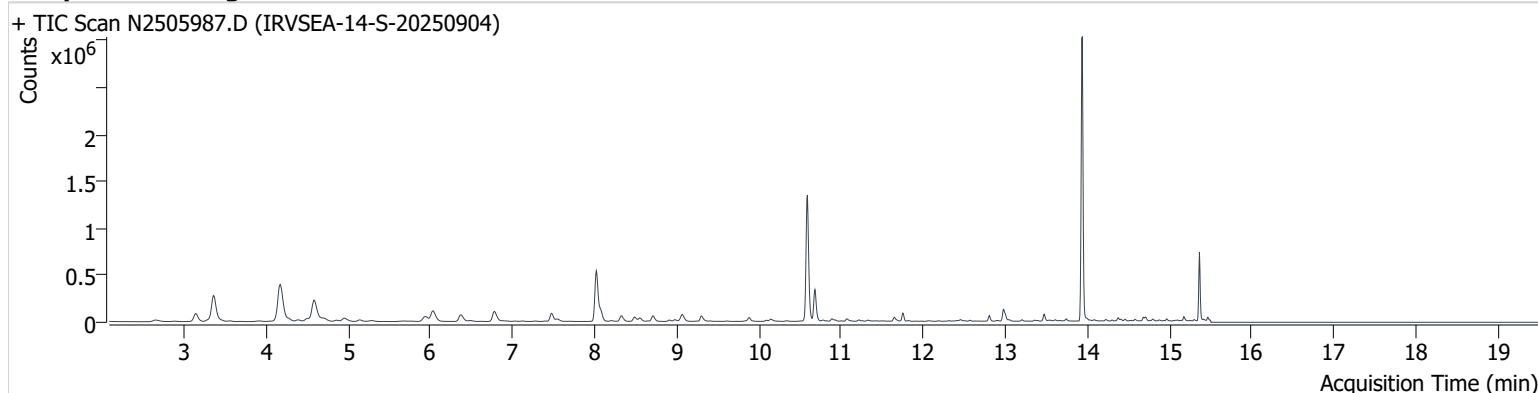


+ Scan (13.436-13.576 min, 24 scans) N2505986.D



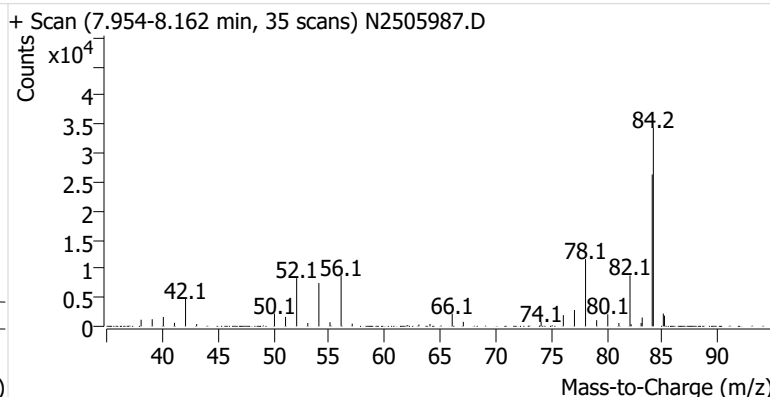
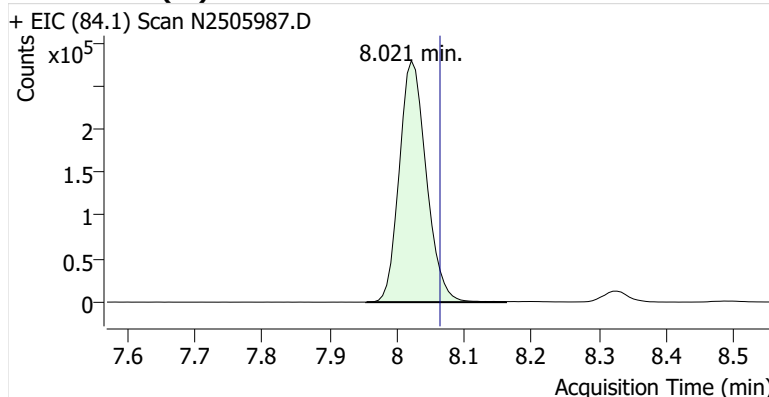
Name IRVSEA-14-S-20250904
Comment C16086
Data File N2505987.D
Acq. Date-Time 10/3/2025 10:01:34 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

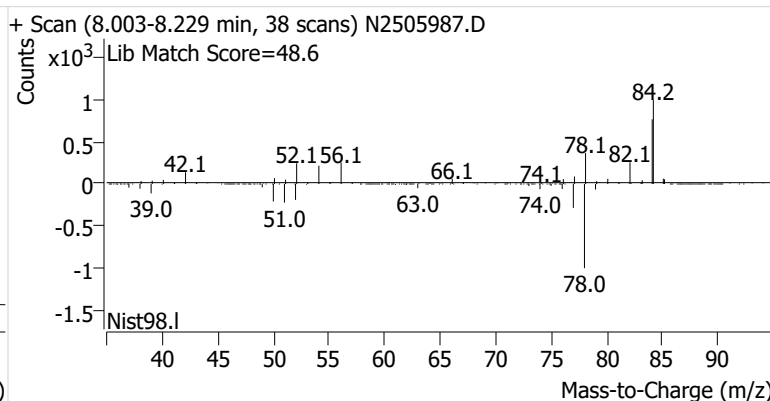
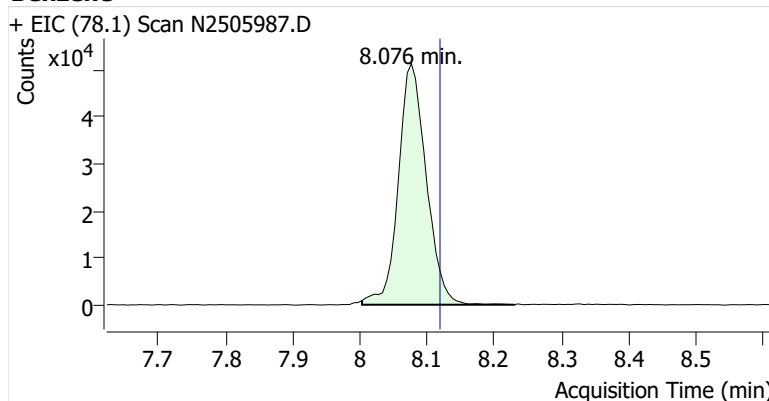


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.021	8.064	778,941	
Benzene	Benzene-d6 (IS)	8.076	8.119	147,387	
Toluene-d8 (IS)		10.591	10.627	1,148,283	
Toluene	Toluene-d8 (IS)	10.683	10.719	286,438	
Ethylbenzene	Toluene-d8 (IS)	12.805	12.842	45,846	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	113,175	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	47,045	

Benzene-d6 (IS)

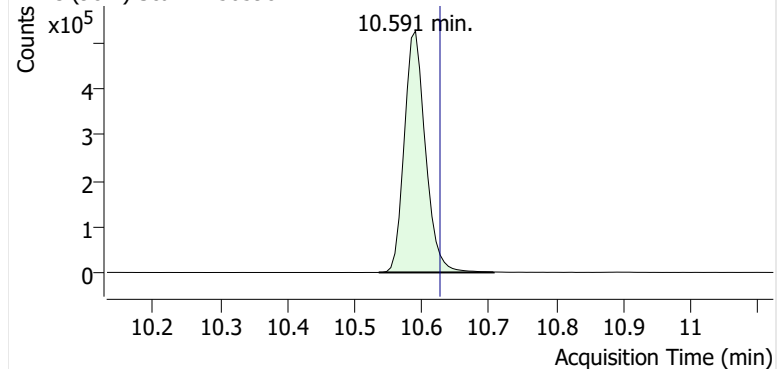


Benzene

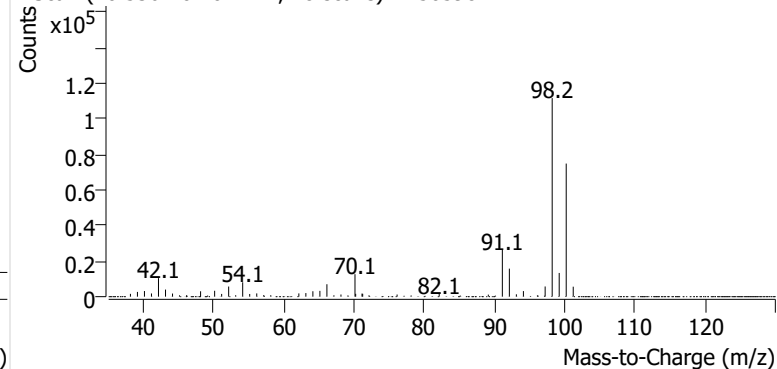


Toluene-d8 (IS)

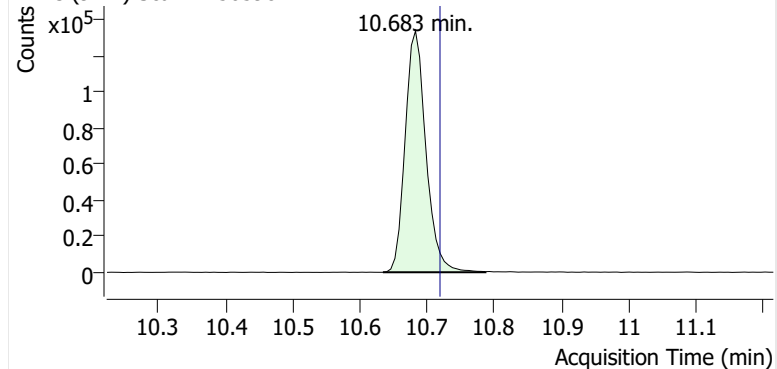
+ EIC (98.1) Scan N2505987.D



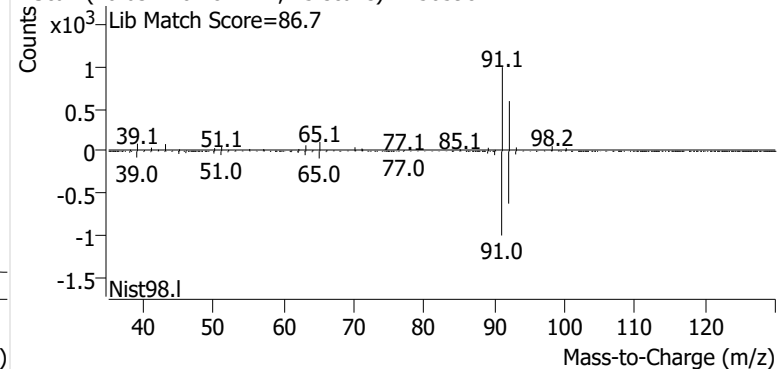
+ Scan (10.536-10.707 min, 28 scans) N2505987.D

**Toluene**

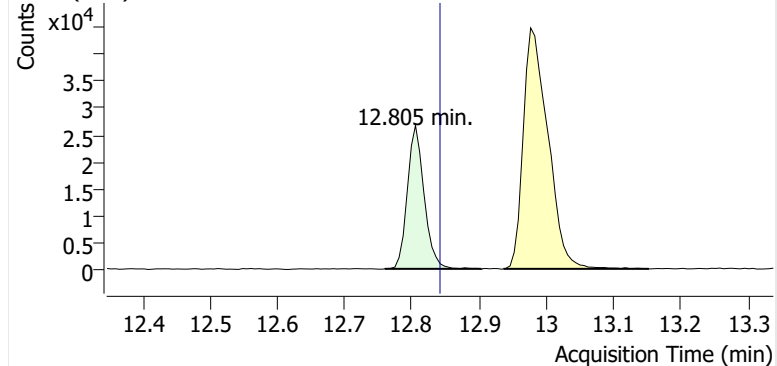
+ EIC (91.1) Scan N2505987.D



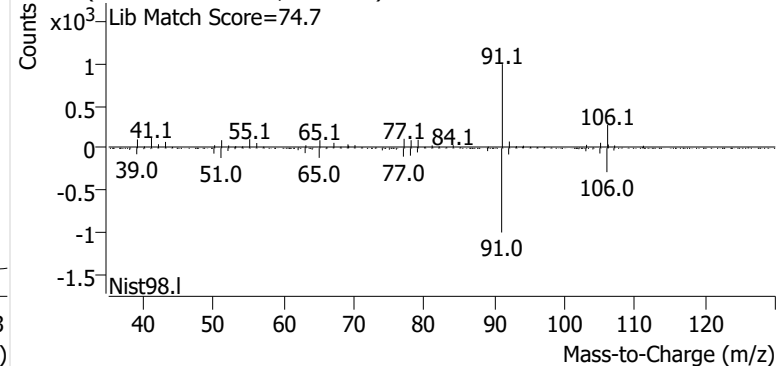
+ Scan (10.634-10.787 min, 25 scans) N2505987.D

**Ethylbenzene**

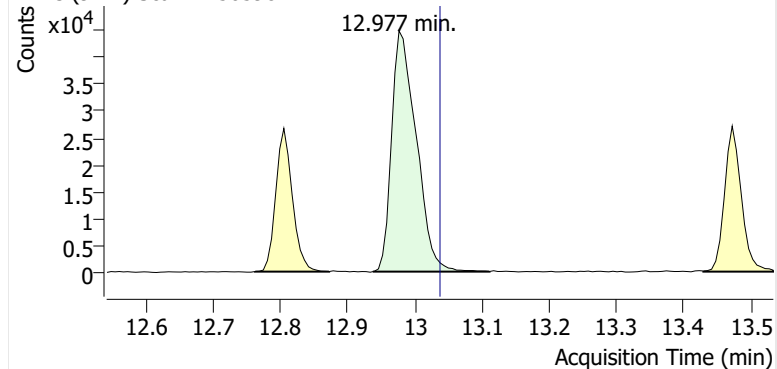
+ EIC (91.1) Scan N2505987.D



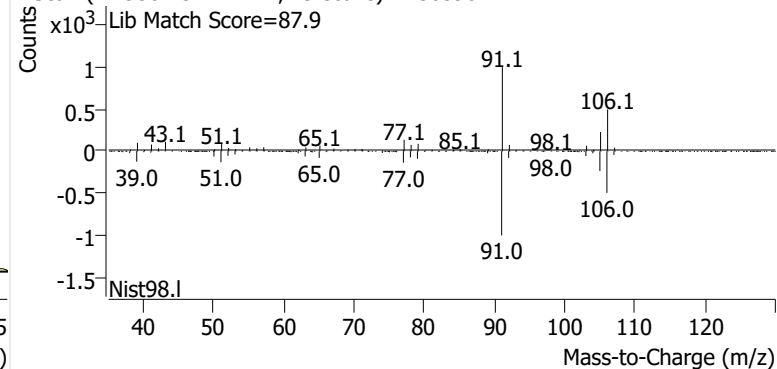
+ Scan (12.760-12.903 min, 24 scans) N2505987.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505987.D

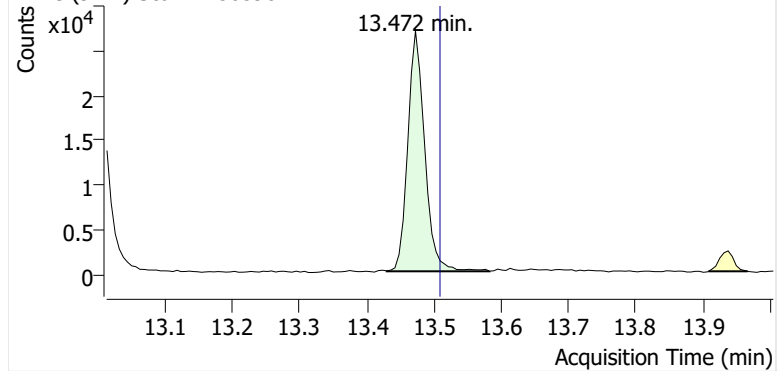


+ Scan (12.938-13.111 min, 29 scans) N2505987.D

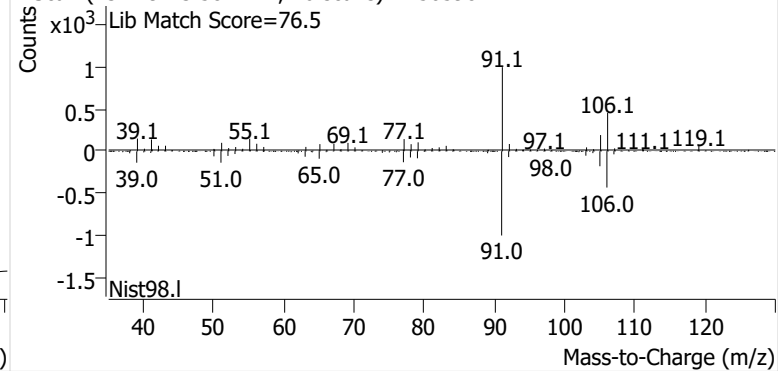


o-Xylene

+ EIC (91.1) Scan N2505987.D

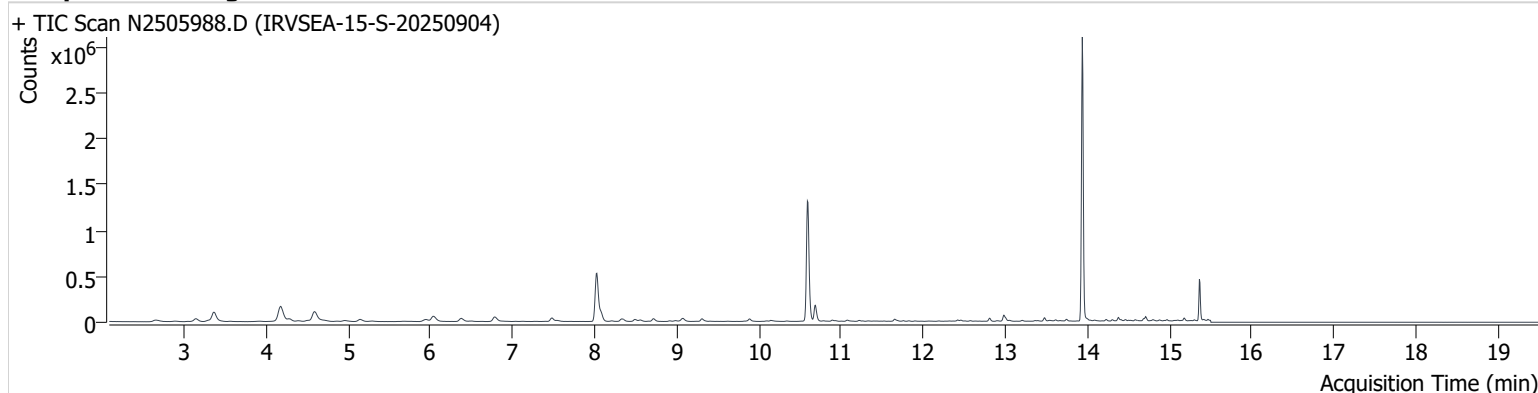


+ Scan (13.429-13.582 min, 26 scans) N2505987.D



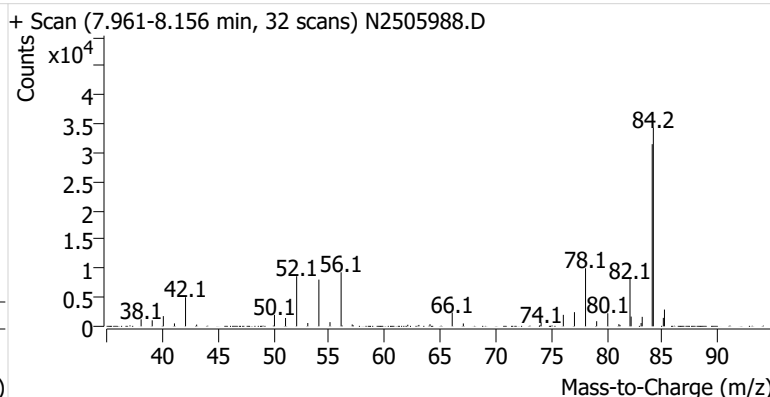
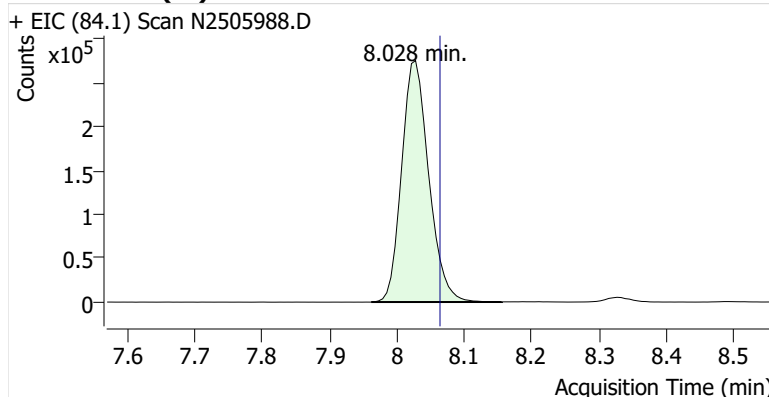
Name IRVSEA-15-S-20250904
Comment C01829
Data File N2505988.D
Acq. Date-Time 10/3/2025 10:41:32 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

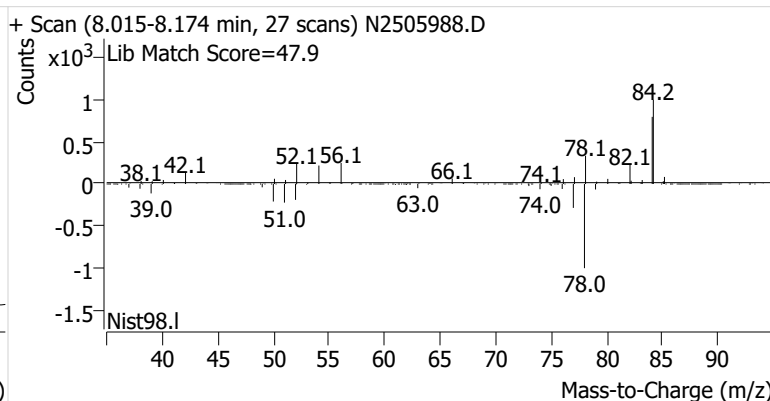
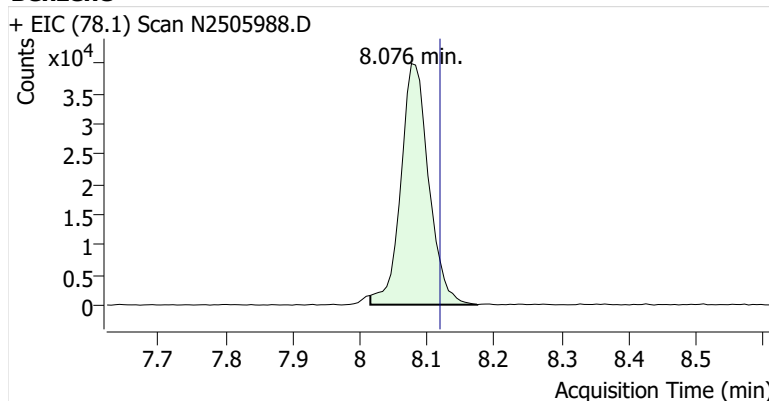


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.028	8.064	770,896	
Benzene	Benzene-d6 (IS)	8.076	8.119	114,724	
Toluene-d8 (IS)		10.591	10.627	1,125,943	
Toluene	Toluene-d8 (IS)	10.683	10.719	151,685	
Ethylbenzene	Toluene-d8 (IS)	12.812	12.842	25,234	
m-/p-Xylenes	Toluene-d8 (IS)	12.983	13.038	55,362	
o-Xylene	Toluene-d8 (IS)	13.478	13.509	22,680	

Benzene-d6 (IS)

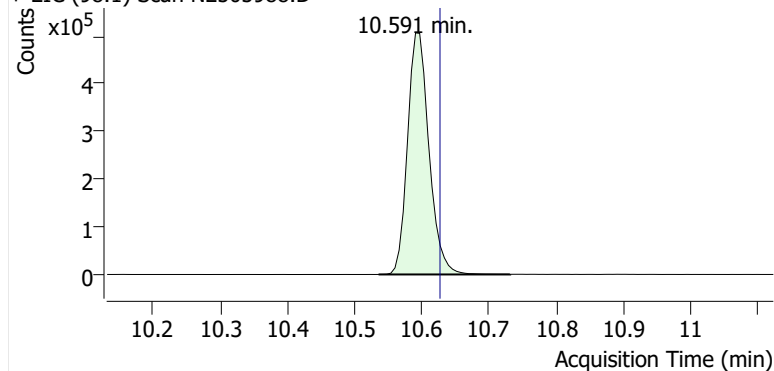


Benzene

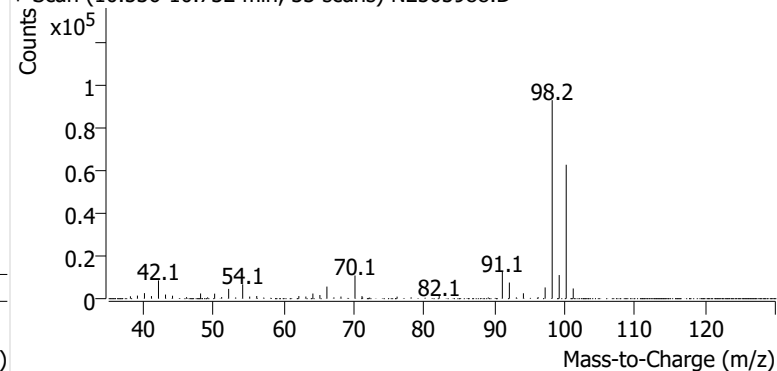


Toluene-d8 (IS)

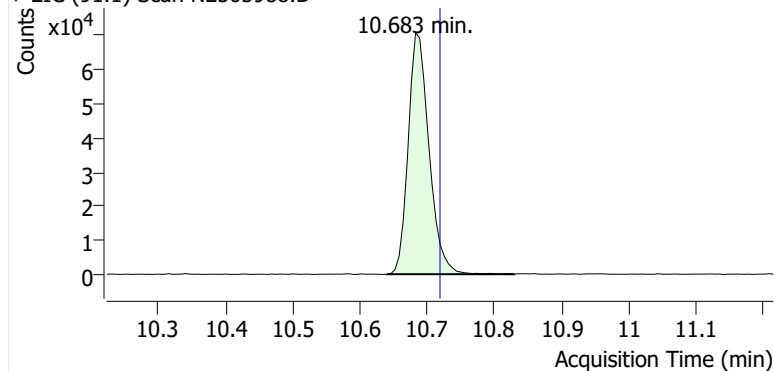
+ EIC (98.1) Scan N2505988.D



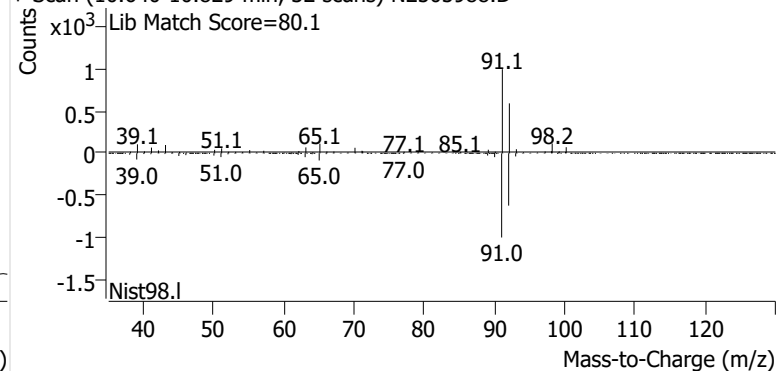
+ Scan (10.536-10.732 min, 33 scans) N2505988.D

**Toluene**

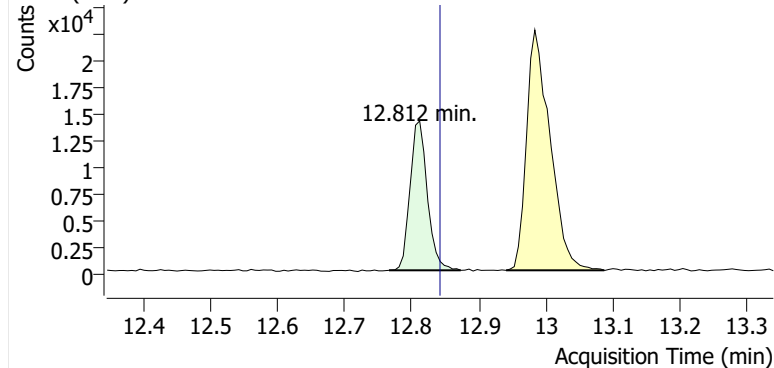
+ EIC (91.1) Scan N2505988.D



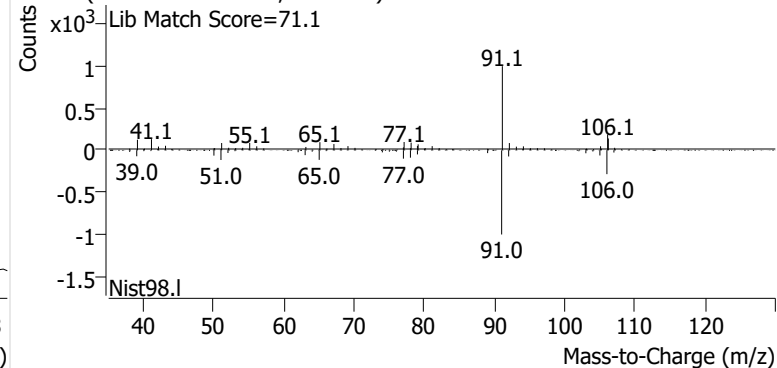
+ Scan (10.640-10.829 min, 32 scans) N2505988.D

**Ethylbenzene**

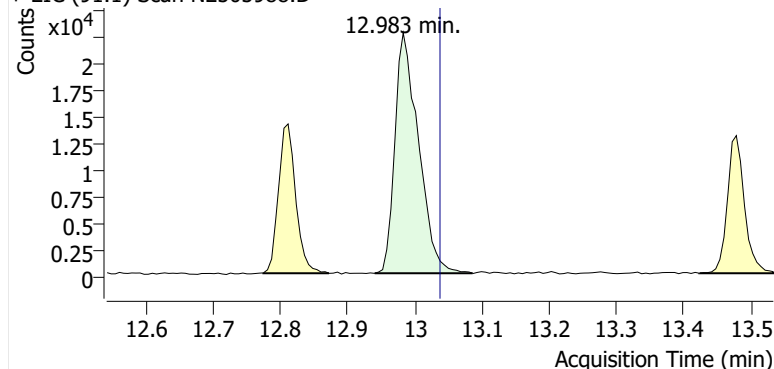
+ EIC (91.1) Scan N2505988.D



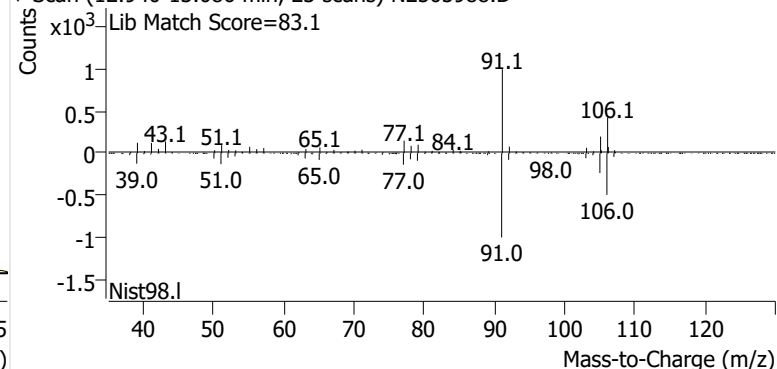
+ Scan (12.766-12.873 min, 17 scans) N2505988.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505988.D

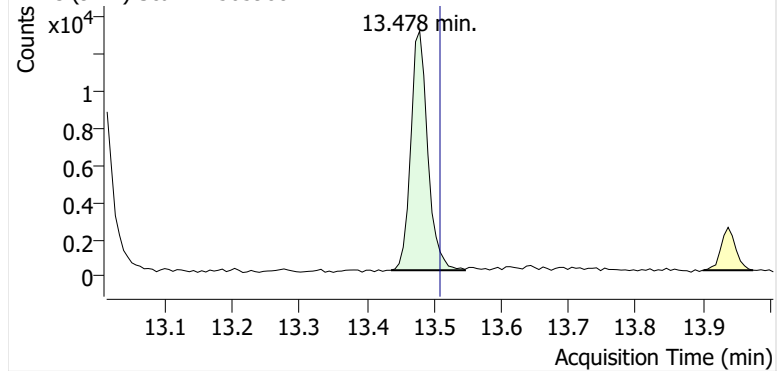


+ Scan (12.940-13.086 min, 23 scans) N2505988.D

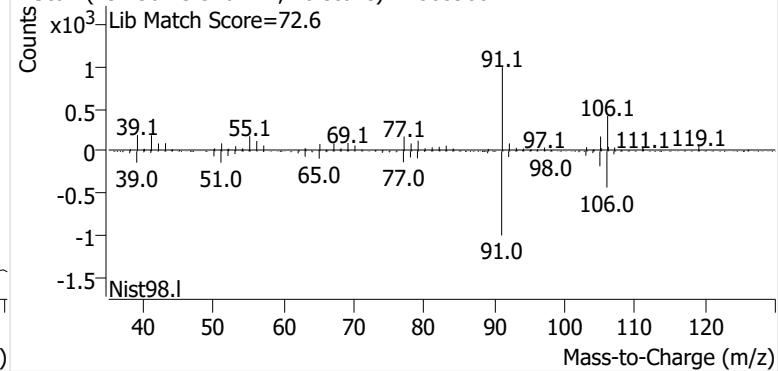


o-Xylene

+ EIC (91.1) Scan N2505988.D

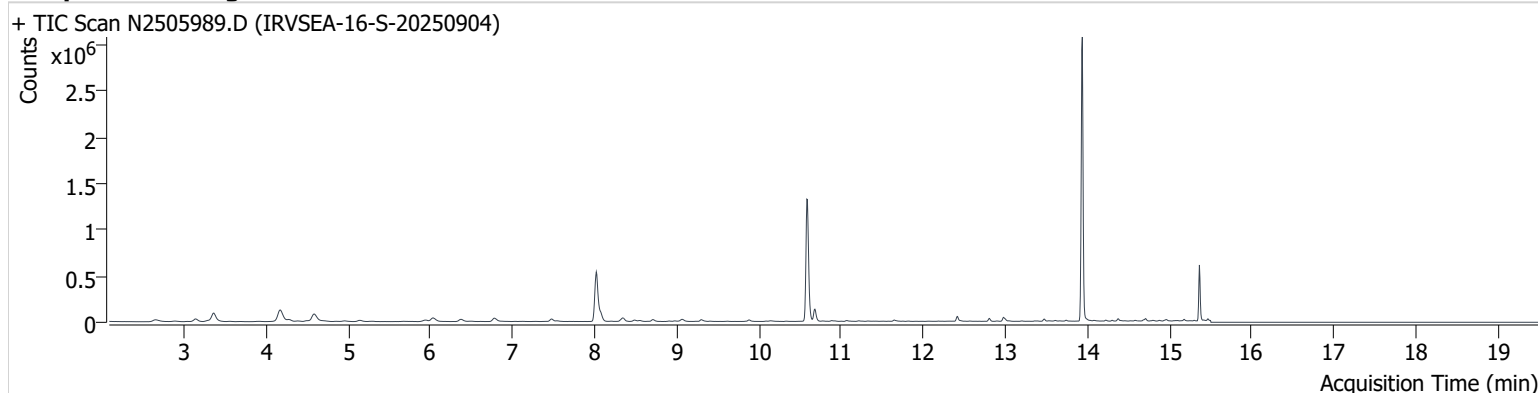


+ Scan (13.436-13.546 min, 18 scans) N2505988.D



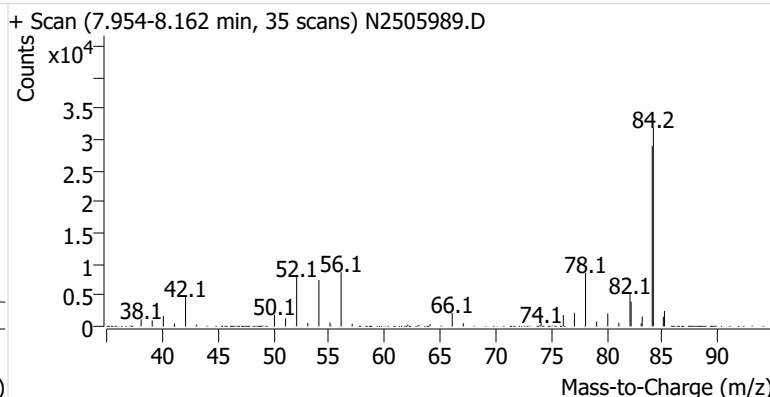
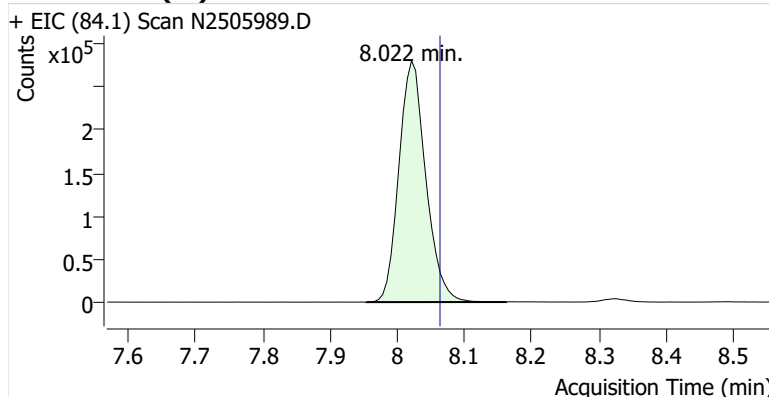
Name IRVSEA-16-S-20250904
Comment C01366
Data File N2505989.D
Acq. Date-Time 10/3/2025 11:21:29 AM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

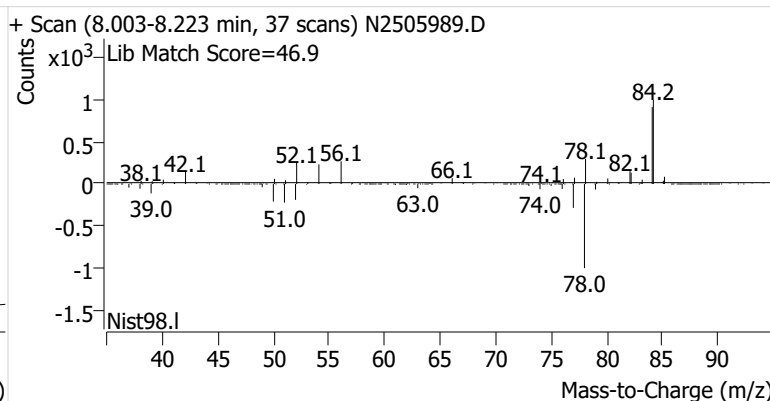
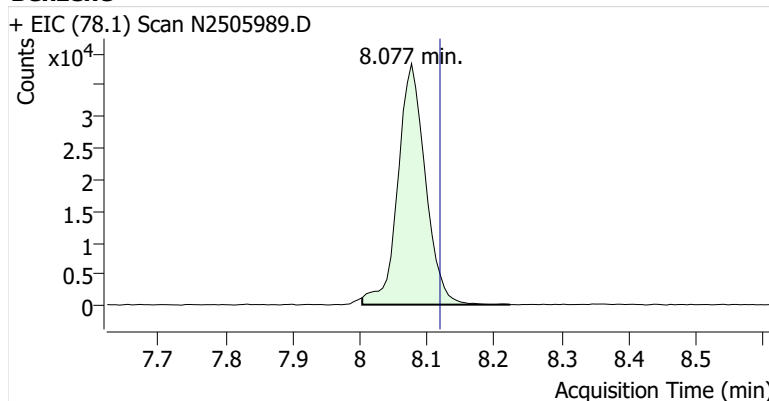


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.022	8.064	779,448	
Benzene	Benzene-d6 (IS)	8.077	8.119	108,602	
Toluene-d8 (IS)		10.585	10.627	1,145,771	
Toluene	Toluene-d8 (IS)	10.677	10.719	113,971	
Ethylbenzene	Toluene-d8 (IS)	12.806	12.842	24,712	
m-/p-Xylenes	Toluene-d8 (IS)	12.977	13.038	37,162	
o-Xylene	Toluene-d8 (IS)	13.472	13.509	14,668	

Benzene-d6 (IS)

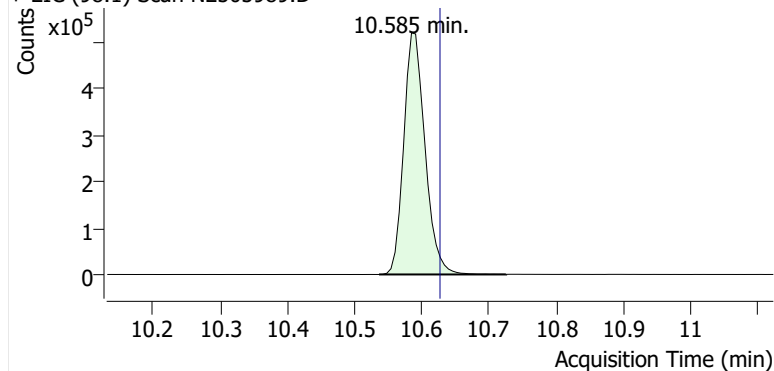


Benzene

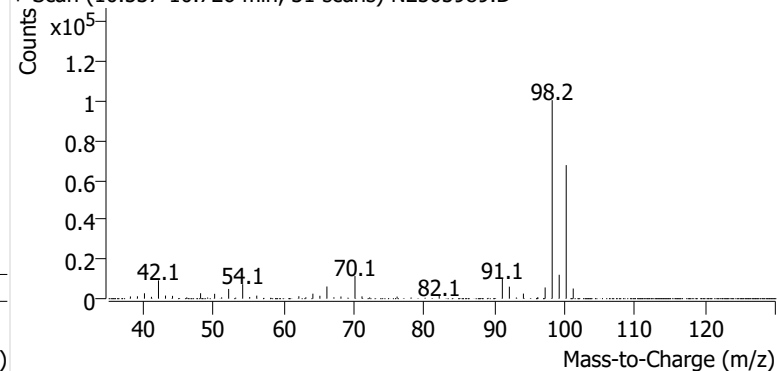


Toluene-d8 (IS)

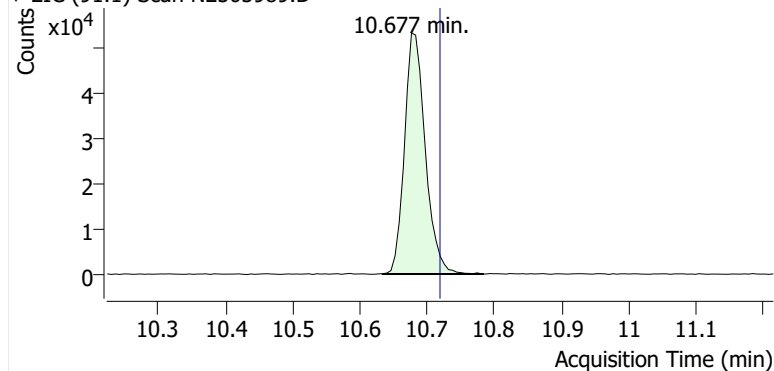
+ EIC (98.1) Scan N2505989.D



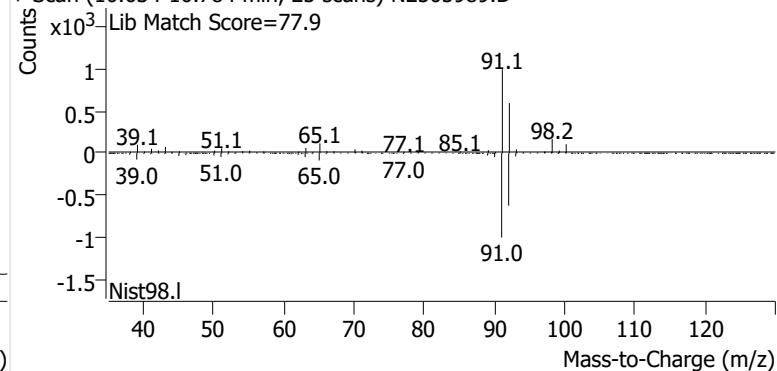
+ Scan (10.537-10.726 min, 31 scans) N2505989.D

**Toluene**

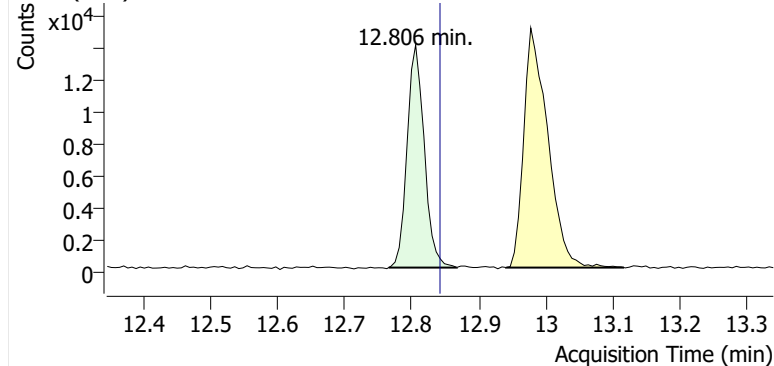
+ EIC (91.1) Scan N2505989.D



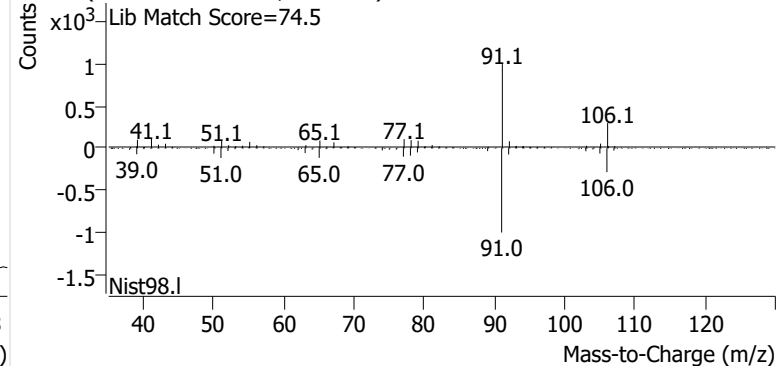
+ Scan (10.634-10.784 min, 25 scans) N2505989.D

**Ethylbenzene**

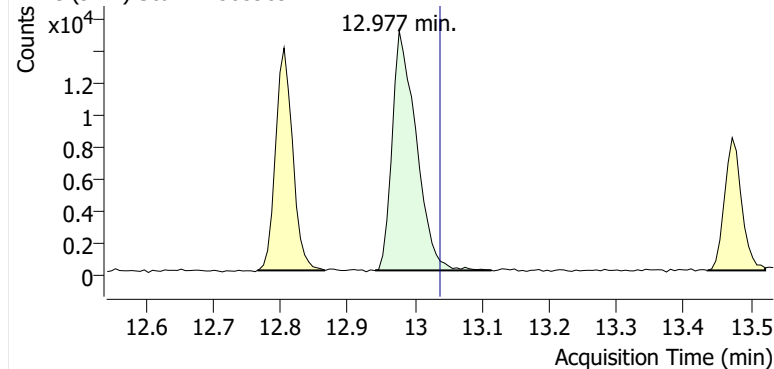
+ EIC (91.1) Scan N2505989.D



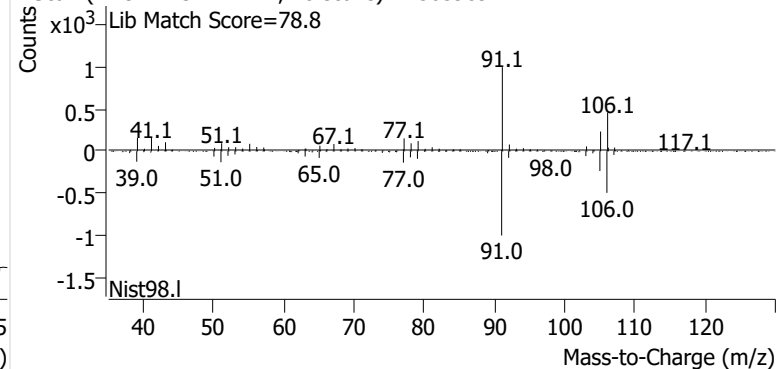
+ Scan (12.766-12.867 min, 17 scans) N2505989.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505989.D

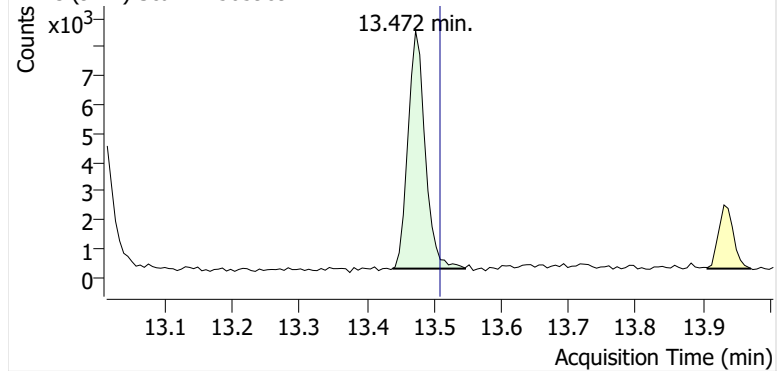


+ Scan (12.941-13.114 min, 28 scans) N2505989.D

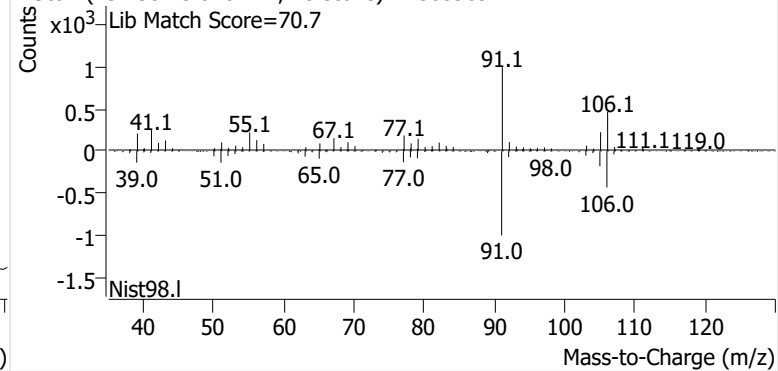


o-Xylene

+ EIC (91.1) Scan N2505989.D

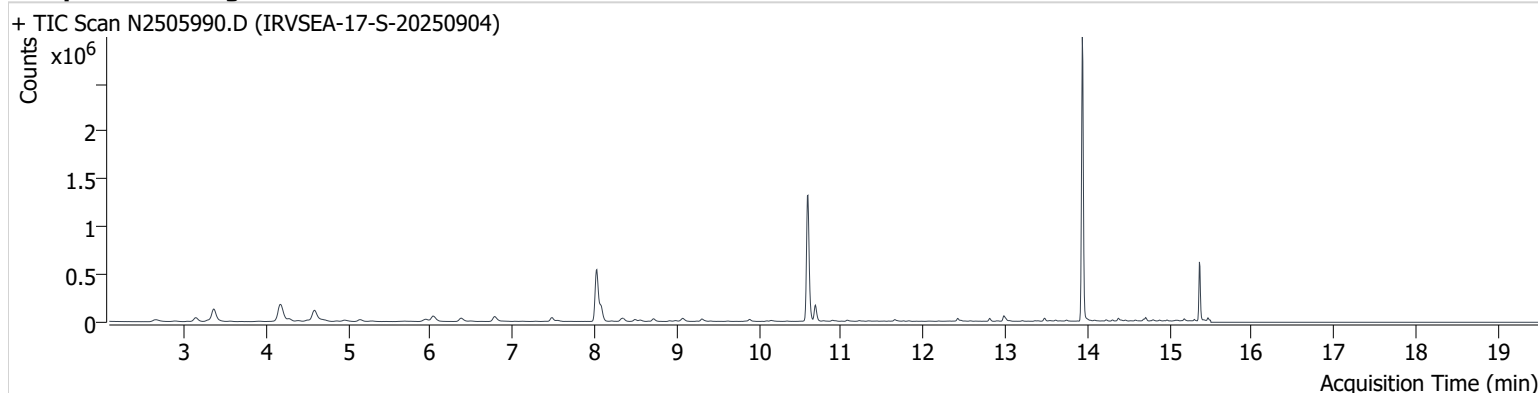


+ Scan (13.438-13.546 min, 18 scans) N2505989.D



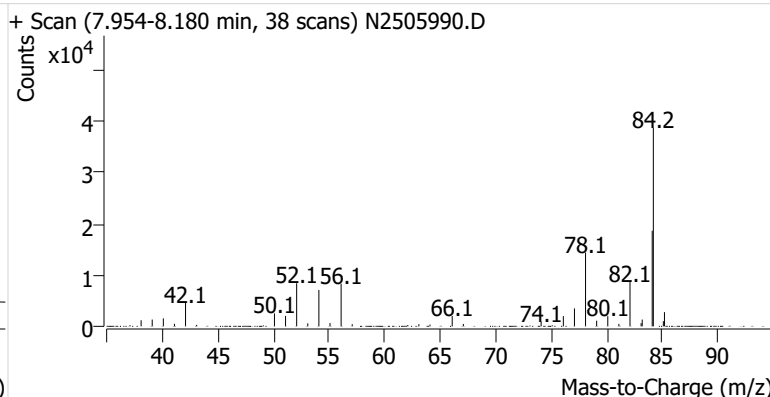
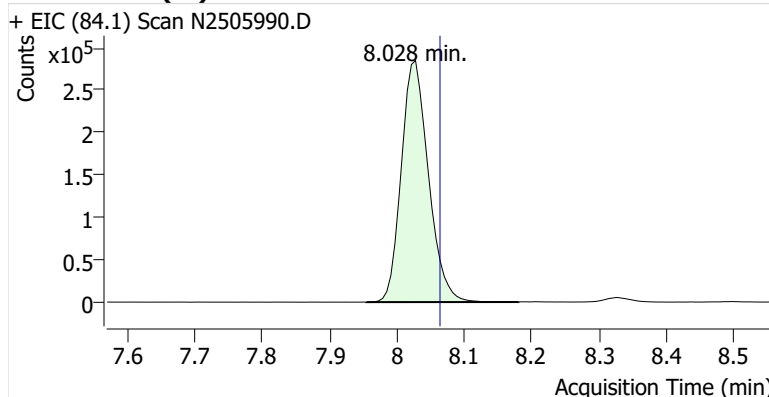
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Comment C01517
Data File N2505990.D
Acq. Date-Time 10/3/2025 12:01:26 PM
Acq. Method File M325B-TD35
Tube Sorbent Carboxpack X
Analyze Quant Version 12.1
Report Quant Version 12.1

Sample Chromatogram

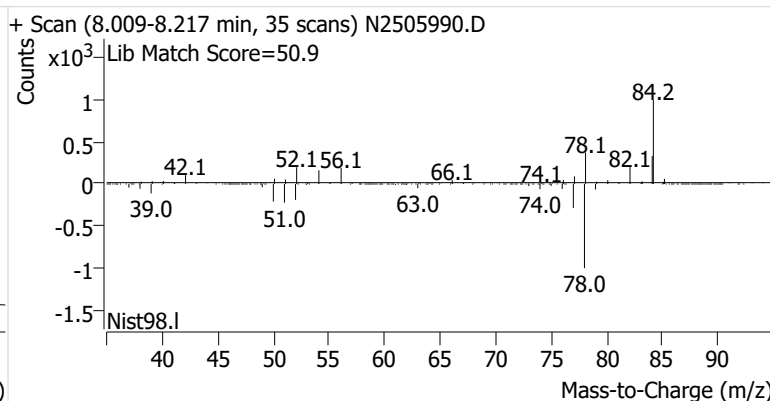
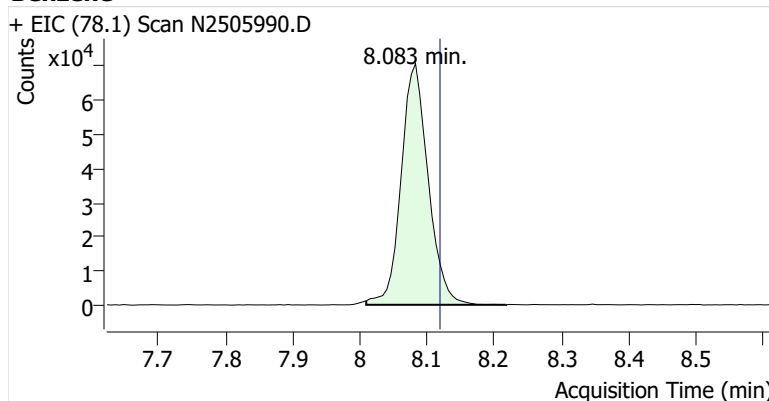


Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.028	8.064	800,098	
Benzene	Benzene-d6 (IS)	8.083	8.119	197,733	
Toluene-d8 (IS)		10.597	10.627	1,140,193	
Toluene	Toluene-d8 (IS)	10.689	10.719	142,238	
Ethylbenzene	Toluene-d8 (IS)	12.812	12.842	22,674	
m-/p-Xylenes	Toluene-d8 (IS)	12.983	13.038	48,859	
o-Xylene	Toluene-d8 (IS)	13.478	13.509	19,718	

Benzene-d6 (IS)

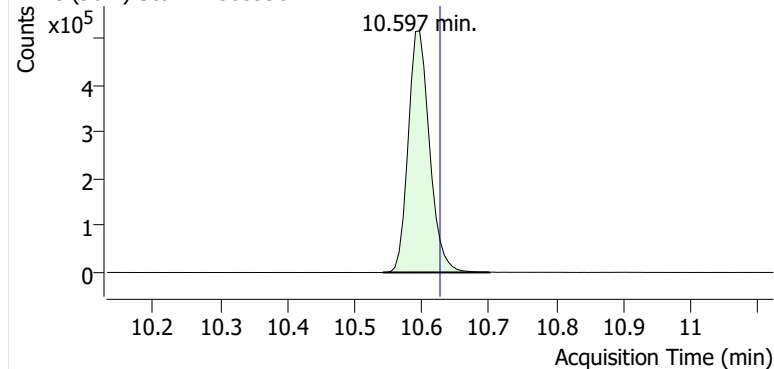


Benzene

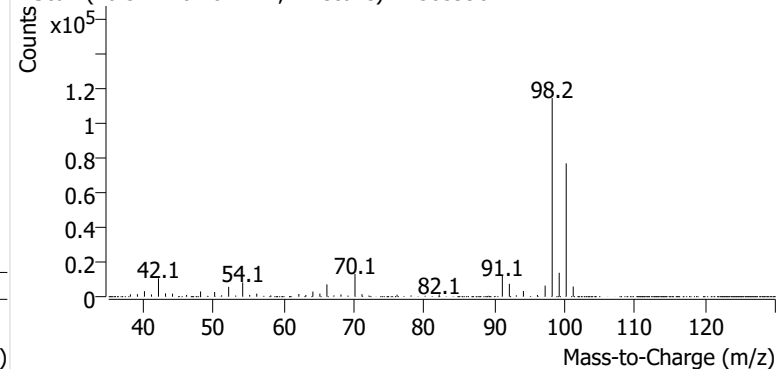


Toluene-d8 (IS)

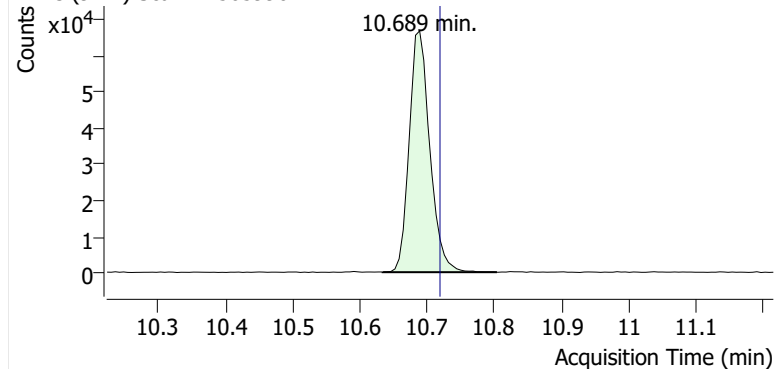
+ EIC (98.1) Scan N2505990.D



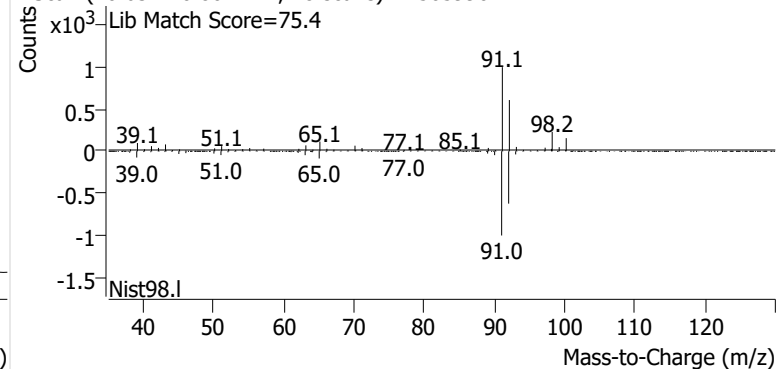
+ Scan (10.542-10.701 min, 27 scans) N2505990.D

**Toluene**

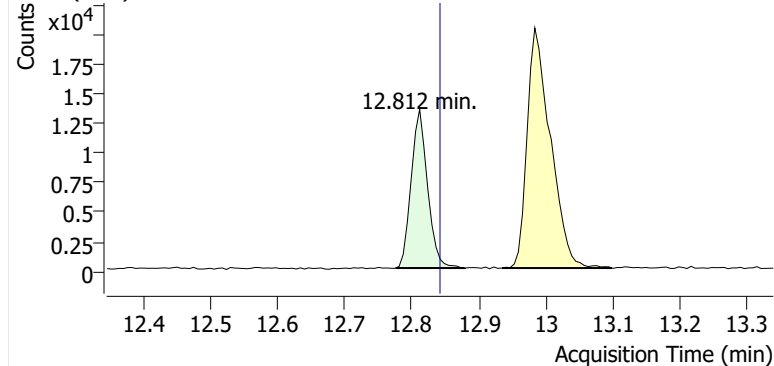
+ EIC (91.1) Scan N2505990.D



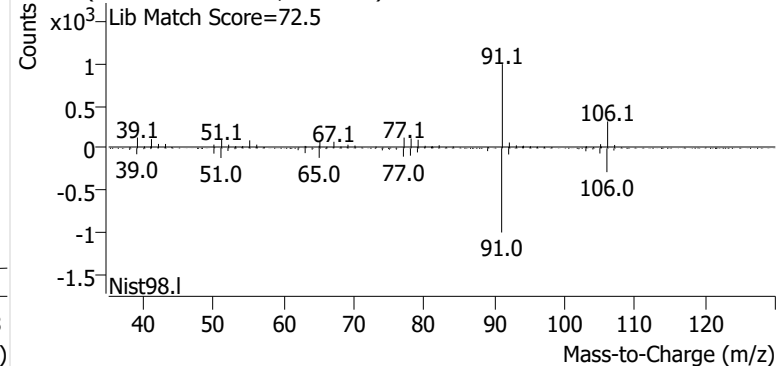
+ Scan (10.634-10.804 min, 28 scans) N2505990.D

**Ethylbenzene**

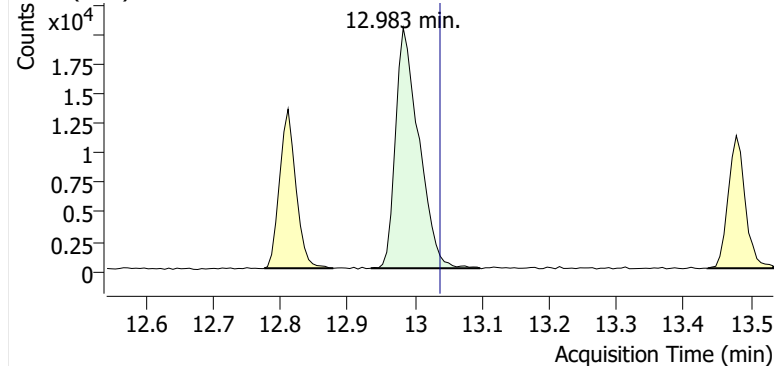
+ EIC (91.1) Scan N2505990.D



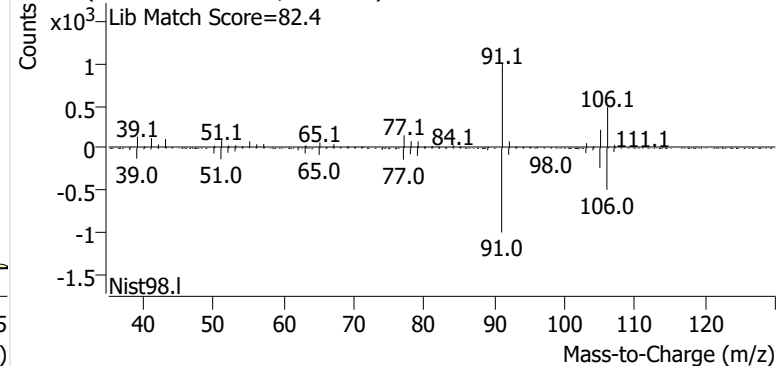
+ Scan (12.776-12.879 min, 17 scans) N2505990.D

**m-/p-Xylenes**

+ EIC (91.1) Scan N2505990.D

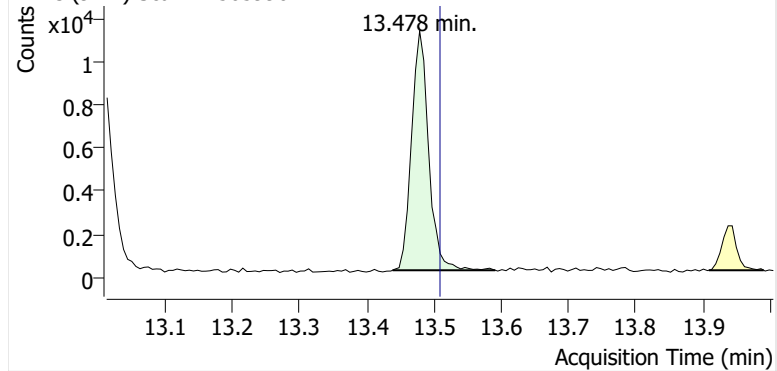


+ Scan (12.935-13.097 min, 26 scans) N2505990.D

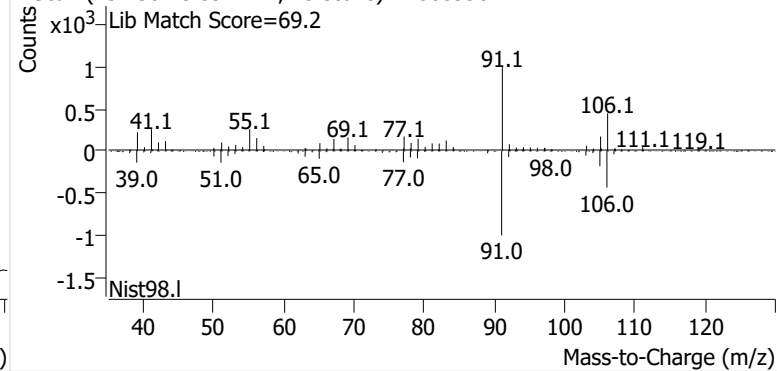


o-Xylene

+ EIC (91.1) Scan N2505990.D



+ Scan (13.438-13.591 min, 25 scans) N2505990.D



Initial Calibration



Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey

Job No.: 2025GG306-1 EPA Method 325B Analysis

Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
N061725A_CC252679_QT_CC185154	Benzene	1	N2503571.D	4.97	48303	92.1	707017	1.264	0.25
N061725A_CC252679_QT_CC185154	Benzene	2	N2503572.D	9.95	79140	92.1	714169	1.025	0.011
N061725A_CC252679_QT_CC185154	Benzene	3	N2503573.D	19.90	157152	92.1	739545	0.983	-0.031
N061725A_CC252679_QT_CC185154	Benzene	4	N2503574.D	39.80	299422	92.1	724978	0.955	-0.058
N061725A_CC252679_QT_CC185154	Benzene	5	N2503575.D	99.50	702411	92.1	737415	0.881	-0.13
N061725A_CC252679_QT_CC185154	Benzene	6	N2503576.D	198.99	1439381	92.1	730431	0.912	-0.1
N061725A_CC252679_QT_CC185154	Benzene	7	N2503577.D	596.98	5287554	92.1	755598	1.079	0.064
N061725A_CC252679_QT_CC185154	Benzene	QT		120.21		92.1			
						Avg:	729879	1.014	
						%RSD:	2.2%	12.7%	
N061725A_CC252679_QT_CC185154	Toluene	1	N2503571.D	5.38	59233	108.6	1246056	0.960	0.22
N061725A_CC252679_QT_CC185154	Toluene	2	N2503572.D	10.76	106197	108.6	1281424	0.837	0.06
N061725A_CC252679_QT_CC185154	Toluene	3	N2503573.D	21.52	189922	108.6	1314802	0.729	-0.076
N061725A_CC252679_QT_CC185154	Toluene	4	N2503574.D	43.03	379471	108.6	1294356	0.740	-0.062
N061725A_CC252679_QT_CC185154	Toluene	5	N2503575.D	107.58	847879	108.6	1312916	0.652	-0.17
N061725A_CC252679_QT_CC185154	Toluene	6	N2503576.D	215.16	1723866	108.6	1308216	0.665	-0.16
N061725A_CC252679_QT_CC185154	Toluene	7	N2503577.D	645.49	7209247	108.6	1288332	0.942	0.19
N061725A_CC252679_QT_CC185154	Toluene	QT		105.58		108.6			
						Avg:	1292300	0.789	
						%RSD:	1.9%	15.9%	
N061725A_CC252679_QT_CC185154	Ethylbenzene	1	N2503571.D	5.17	70546	108.6	1246056	1.189	0.2
N061725A_CC252679_QT_CC185154	Ethylbenzene	2	N2503572.D	10.34	128094	108.6	1281424	1.050	0.057
N061725A_CC252679_QT_CC185154	Ethylbenzene	3	N2503573.D	20.68	240657	108.6	1314802	0.961	-0.032
N061725A_CC252679_QT_CC185154	Ethylbenzene	4	N2503574.D	41.36	507093	108.6	1294356	1.029	0.036
N061725A_CC252679_QT_CC185154	Ethylbenzene	5	N2503575.D	103.41	961768	108.6	1312916	0.769	-0.23
N061725A_CC252679_QT_CC185154	Ethylbenzene	6	N2503576.D	206.82	2121196	108.6	1308216	0.852	-0.14
N061725A_CC252679_QT_CC185154	Ethylbenzene	7	N2503577.D	620.46	8117786	108.6	1288332	1.103	0.11
N061725A_CC252679_QT_CC185154	Ethylbenzene	QT		109.73		108.6			
						Avg:	1292300	0.993	
						%RSD:	1.9%	14.6%	
N061725A_CC252679_QT_CC185154	m-/p-Xylenes	1	N2503571.D	4.88	52754	108.6	1246056	0.942	0.28
N061725A_CC252679_QT_CC185154	m-/p-Xylenes	2	N2503572.D	9.77	92124	108.6	1281424	0.800	0.086
N061725A_CC252679_QT_CC185154	m-/p-Xylenes	3	N2503573.D	19.53	172515	108.6	1314802	0.730	-0.0091
N061725A_CC252679_QT_CC185154	m-/p-Xylenes	4	N2503574.D	39.07	370413	108.6	1294356	0.796	0.081
N061725A_CC252679_QT_CC185154	m-/p-Xylenes	5	N2503575.D	97.67	661384	108.6	1312916	0.560	-0.24
N061725A_CC252679_QT_CC185154	m-/p-Xylenes	6	N2503576.D	195.33	1391174	108.6	1308216	0.591	-0.2
N061725A_CC252679_QT_CC185154	m-/p-Xylenes	QT		122.98		108.6			
						Avg:	1292962	0.736	
						%RSD:	2.0%	19.4%	

Enthalpy Analytical

Company: Montrose Air Quality Services, LLC - New Jersey
Job No.: 2025GG306-1 EPA Method 325B Analysis
Client No.: PROJ-050105 Site: Irving Oil - Searsport

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
N061725A_CC252679_QT_CC185154	o-Xylene	1	N2503571.D	5.09	58550	108.6	1246056	1.002	0.26
N061725A_CC252679_QT_CC185154	o-Xylene	2	N2503572.D	10.19	103745	108.6	1281424	0.863	0.083
N061725A_CC252679_QT_CC185154	o-Xylene	3	N2503573.D	20.37	195592	108.6	1314802	0.793	-0.0052
N061725A_CC252679_QT_CC185154	o-Xylene	4	N2503574.D	40.75	419953	108.6	1294356	0.865	0.085
N061725A_CC252679_QT_CC185154	o-Xylene	5	N2503575.D	101.86	720803	108.6	1312916	0.585	-0.27
N061725A_CC252679_QT_CC185154	o-Xylene	6	N2503576.D	203.73	1504617	108.6	1308216	0.613	-0.23
N061725A_CC252679_QT_CC185154	o-Xylene	7	N2503577.D	611.18	6228161	108.6	1288332	0.859	0.078
N061725A_CC252679_QT_CC185154	o-Xylene	QT		114.37		108.6			
						Avg:	1292300	0.797	
						%RSD:	1.9%	18.7%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
N061725A_CC252679_QT_CC185154	Benzene	ICV	N2503582.D	63.84	448559	92.1	660511	0.979	-3.5%
N061725A_CC252679_QT_CC185154	Toluene	ICV	N2503582.D	76.15	626235	108.6	1150784	0.776	-1.6%
N061725A_CC252679_QT_CC185154	Ethylbenzene	ICV	N2503582.D	85.72	790798	108.6	1150784	0.871	-12.0%
N061725A_CC252679_QT_CC185154	m-/p-Xylenes	ICV	N2503582.D	89.23	607838	108.6	1150784	0.643	-13.0%
N061725A_CC252679_QT_CC185154	o-Xylene	ICV	N2503582.D	87.83	624336	108.6	1150784	0.671	-16.0%

M325B PDF Report ver.20250917

Sample Custody



EPA Method 325 A/B
Field Test Data Sheet and
Chain of Custody Record

- ☐ Standard Turn Around Time (10 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, Inc.
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

2025GG306

Page # 1 of # 1

Site Name:	Irrig Searspport	Client Name:	Montrose Ave	PO#:	
Site Address:	52 Station Ave	Project Number:	027957	Sample Event #	
City:	Searspport	Project Manager:	Hary Brocku	Sorbent:	
State:	Maine	Email Address:	harybrocku@Montrose-ew.com		
Zip:	04974	Telephone #:	207.441.0025		

Location	Sample ID (Tube ID)	Sample, Blank or Duplicate	Start Date	Start Time	Stop Date	Stop Time	Deployed/Collected by	Ave. Pressure (inHg)	Avg. Ambient Temp. (°F)
1	B 20686	S	9/4/25	800	9/18/25	810	HB		
2	B 46063	S		810		820			
2	C 55571	D		810		820			
2	B 47840	B		810		820			
3	B 19915	S		820		830			
4	C 40606	S		830		840			
5	C 02023	S		840		850			
6	B 17405	S		850		900			
7	B 15489	S		900		910			
8	B 49412	S		910		920			
8	C 24205	D		910		920			
8	B 50580	B		910		920			
9	C 00664	S		920		930			
10	B 43299	S		930		940			
11	B 29389	S		940		950			
12	C 37468	S		950		1000			
13	B 50971	S		1000		1010			
14	C 16086	S		1010		1020			
15	C 01829	S		1040		1040			
16	C 01366	S		1050		1050			
17	C 01517	S	9/4/25	1100	9/18/25	1100	HB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Hary Brocku		9/18/2025	1650
Received By (printed):	Received By (signature):	Receipt Date:	Receipt Time:
David Taylor		10/1/25	11:45
Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good		Y	
Temp:	Blank Temp:	Add Custody Seal # below:	
	21.3	24615595	
Comments:			

**This Is The Last Page
Of This Report.**