November 2025

PORTLAND PIPE LINE CORPORATION

Chapter 171: Control of Petroleum Storage Facilities Fenceline Monitoring Quarterly Report: 2025 Quarter 3

30 Hill Street
South Portland, Maine 04106

PROJECT CONTACT:
Jennifer Bowidowicz
EMAIL:
jen.bowidowicz@powereng.com
PHONE:
(207) 869-1473

POWER ENGINEERS

Sample Code	Benzene		Ethylbenzene		Xylene (m/p)		Xylene (o)		Toluene	
	Conc. ($\mu g/m^3$)	Flag	Conc. ($\mu g/m^3$)	Flag	Conc. ($\mu g/m^3$)	Flag	Conc. ($\mu g/m^3$)	Flag	Conc. ($\mu g/m^3$)	Flag
PPSP-1-B-20250618	< 0.187	ND	< 0.272	ND	< 0.272	ND,Pc	< 0.272	ND	< 0.240	ND,P
PPSP-1-S-20250618	0.762		< 0.272	ND	0.294	J,Pc	< 0.272	ND	0.927	P
PPSP-2-S-20250618	0.614		< 0.272	ND	0.288	J,Pc	< 0.272	ND	0.852	P
PPSP-3-S-20250618	0.503		< 0.272	ND	0.279	J,Pc	< 0.272	ND	1.10	P
PPSP-4-S-20250618	0.506		< 0.272	ND	0.430	J,Pc	< 0.272	ND	1.49	P
PPSP-5-S-20250618	0.551		< 0.272	ND	0.379	J,Pc	< 0.272	ND	1.39	P
PPSP-6-S-20250618	0.561		< 0.272	ND	0.487	J,Pc	< 0.272	ND	1.55	P
PPSP-7-S-20250618	0.532		< 0.272	ND	0.428	J,Pc	< 0.272	ND	1.13	P
PPSP-8-D-20250618	0.681		< 0.272	ND	0.570	Pc	< 0.272	ND	7.22	P
PPSP-8-S-20250618	0.825		< 0.272	ND	0.299	J, Pc	< 0.272	ND	0.972	P
PPSP-9-S-20250618	1.13		< 0.272	ND	0.521	J,Pc	< 0.272	ND	1.20	P
PPSP-10-S-20250618	1.40		< 0.272	ND	0.432	J,Pc	< 0.272	ND	3.03	P
PPSP-11-S-20250618	0.958		< 0.272	ND	0.381	J,Pc	< 0.272	ND	1.46	P
PPSP-12-S-20250618	0.949		< 0.272	ND	0.470	J,Pc	< 0.272	ND	4.71	P
PPSP-13-S-20250618	0.615		< 0.272	ND	0.295	J,Pc	< 0.272	ND	1.50	P
PPSP-1-B-20250702	< 0.186	ND	< 0.271	ND	< 0.271	ND	< 0.271	ND	< 0.240	ND
PPSP-1-S-20250702	0.805		< 0.271	ND	< 0.271	ND	< 0.271	ND	0.891	
PPSP-2-S-20250702	0.518		< 0.271	ND	0.283	J	< 0.271	ND	0.832	
PPSP-3-S-20250702	0.439		< 0.271	ND	0.281	J	< 0.271	ND	0.831	
PPSP-4-S-20250702	0.546		< 0.271	ND	< 0.271	ND	< 0.271	ND	0.923	
PPSP-5-S-20250702	0.836		< 0.271	ND	0.293	J	< 0.271	ND	1.02	
PPSP-6-S-20250702	0.615		< 0.271	ND	0.349	J	< 0.271	ND	0.985	
PPSP-7-S-20250702	0.570		< 0.271	ND	0.369	J	< 0.271	ND	1.55	
PPSP-8-D-20250702	0.721		< 0.271	ND	0.318	J	< 0.271	ND	1.13	
PPSP-8-S-20250702	0.677		< 0.271	ND	0.307	J	< 0.271	ND	1.18	
PPSP-9-S-20250702	1.43		< 0.271	ND	0.383	J	< 0.271	ND	1.31	
PPSP-10-S-20250702	1.48		< 0.271	ND	0.392	J	< 0.271	ND	1.17	
PPSP-11-S-20250702	0.910		< 0.271	ND	< 0.271	ND	< 0.271	ND	0.792	
PPSP-12-S-20250702	0.515		< 0.271	ND	< 0.271	ND	< 0.271	ND	0.988	
PPSP-13-S-20250702	0.429		< 0.271	ND	< 0.271	ND	< 0.271	ND	0.816	
PPSP-1-B-20250716	< 0.186	ND	< 0.271	ND	< 0.271	ND	< 0.271	ND	< 0.239	ND,P
PPSP-1-S-20250716	1.63		< 0.271	ND	0.511	J	< 0.271	ND	1.95	P
PPSP-2-S-20250716	1.21		< 0.271	ND	0.424	J	< 0.271	ND	1.42	P
PPSP-3-S-20250716	0.722		< 0.271	ND	0.432	J	< 0.271	ND	2.20	P
PPSP-4-S-20250716	0.732		< 0.271	ND	0.456	J	< 0.271	ND	1.38	P
PPSP-5-S-20250716	0.711		< 0.271	ND	0.589		< 0.271	ND	1.50	P
PPSP-6-S-20250716	0.812		< 0.271	ND	0.648		0.288	J	1.84	P
PPSP-7-S-20250716	0.979		< 0.271	ND	0.514	J	< 0.271	ND	1.78	P
PPSP-8-D-20250716	1.06		< 0.271	ND	0.654		0.285	J	2.35	P
PPSP-8-S-20250716	1.07		< 0.271	ND	0.482	J	< 0.271	ND	1.50	P
PPSP-9-S-20250716	1.94		< 0.271	ND	0.592		< 0.271	ND	1.78	P
PPSP-10-S-20250716	2.14		0.290	J	0.754		0.306	J	2.55	P
PPSP-11-S-20250716	1.84		< 0.271	ND	0.327	J	< 0.271	ND	1.98	P
PPSP-12-S-20250716	1.33		< 0.271	ND	0.384	J	< 0.271	ND	1.45	P
PPSP-13-S-20250716	1.00		< 0.271	ND	0.346	J	< 0.271	ND	2.73	P
PPSP-1-B-20250730	< 0.187	ND	< 0.272	ND	< 0.272	ND	< 0.272	ND	< 0.241	ND,P
PPSP-1-S-20250730	0.865		< 0.272	ND	0.503	J	< 0.272	ND	1.04	P
PPSP-2-S-20250730	0.859		< 0.272	ND	0.586		< 0.272	ND	1.89	P
PPSP-3-S-20250730	0.580		< 0.272	ND	0.482	J	< 0.272	ND	0.886	P
PPSP-4-S-20250730	0.700		< 0.272	ND	0.65		< 0.272	ND	1.16	P
PPSP-5-S-20250730	0.824		< 0.272	ND	0.587		< 0.272	ND	1.34	P
PPSP-6-S-20250730	0.795		< 0.272	ND	0.504	J	< 0.272	ND	1.17	P
PPSP-7-S-20250730	0.857		0.281	J	0.737		< 0.272	ND	1.41	P
PPSP-8-D-20250730	0.824		< 0.272	ND	0.602		< 0.272	ND	2.25	P
PPSP-8-S-20250730	0.803		< 0.272	ND	0.651		< 0.272	ND	1.36	P
PPSP-9-S-20250730	1.41		< 0.272	ND	0.615		< 0.272	ND	1.43	P
PPSP-10-S-20250730	1.37		< 0.272	ND	0.630		< 0.272	ND	1.27	P
PPSP-11-S-20250730	0.918		< 0.272	ND	0.420	J	< 0.272	ND	1.47	P
PPSP-12-S-20250730	0.671		< 0.272	ND	0.438	J	< 0.272	ND	1.29	P
PPSP-13-S-20250730	0.809		< 0.272	ND	0.515	J	< 0.272	ND	1.73	P

PPSP-1-B-20250813	< 0.187	ND	< 0.272	ND	< 0.272	ND	< 0.272	ND	< 0.241	ND
PPSP-1-S-20250813	0.670		< 0.272	ND	0.510	J	< 0.272	ND	0.967	
PPSP-2-S-20250813	0.821		< 0.272	ND	0.467	J	< 0.272	ND	1.04	
PPSP-3-S-20250813	0.448	J	< 0.272	ND	0.555	J	< 0.272	ND	1.21	
PPSP-4-S-20250813	0.535		< 0.272	ND	0.578	J	< 0.272	ND	1.07	
PPSP-5-S-20250813	0.547		< 0.272	ND	0.552	J	< 0.272	ND	1.13	
PPSP-6-S-20250813	0.581		< 0.272	ND	0.507	J	< 0.272	ND	1.09	
PPSP-7-S-20250813	0.521		< 0.272	ND	0.696		< 0.272	ND	1.14	
PPSP-8-D-20250813	0.628		< 0.272	ND	0.553	J	< 0.272	ND	1.09	
PPSP-8-S-20250813	0.841		< 0.272	ND	0.492	J	< 0.272	ND	1.14	
PPSP-9-S-20250813	1.04		< 0.272	ND	0.716		< 0.272	ND	1.54	
PPSP-10-S-20250813	1.33		0.323	J	0.862		0.377	J	1.99	
PPSP-11-S-20250813	2.06		0.558	J	2.35		0.918		2.94	
PPSP-12-S-20250813	0.793		< 0.272	ND	0.864		0.337	J	1.30	
PPSP-13-S-20250813	0.608		< 0.272	ND	0.433	J	< 0.272	ND	0.924	
PPSP-1-B-20250827	< 0.188	ND	< 0.273	ND	< 0.273	ND	< 0.273	ND	< 0.241	ND,P
PPSP-1-S-20250827	0.625		< 0.273	ND	0.336	J	< 0.273	ND	0.874	P
PPSP-2-S-20250827	0.565		< 0.273	ND	0.378	J	< 0.273	ND	0.922	P
PPSP-3-S-20250827	0.608		< 0.273	ND	0.398	J	< 0.273	ND	0.909	P
PPSP-4-S-20250827	0.637		< 0.273	ND	0.385	J	< 0.273	ND	0.886	P
PPSP-5-S-20250827	0.648		< 0.273	ND	0.437	J	< 0.273	ND	0.960	P
PPSP-6-S-20250827	0.800		< 0.273	ND	< 0.273	ND	< 0.273	ND	0.992	P
PPSP-7-S-20250827	0.677		< 0.273	ND	0.536		< 0.273	ND	1.73	P
PPSP-8-D-20250827	0.716		< 0.273	ND	0.462	J	< 0.273	ND	1.36	P
PPSP-8-S-20250827	0.760		< 0.273	ND	0.380	J	< 0.273	ND	0.968	P
PPSP-9-S-20250827	1.34		< 0.273	ND	0.550		< 0.273	ND	1.53	P
PPSP-10-S-20250827	1.77		0.273	J	0.717		0.287	J	2.32	P
PPSP-11-S-20250827	2.03		0.587		2.53		0.979		2.88	P
PPSP-12-S-20250827	0.917		< 0.273	ND	0.727		0.296	J	1.32	P
PPSP-13-S-20250827	0.590		< 0.273	ND	0.407	J	< 0.273	ND	0.997	P
PPSP-1-B-20250910	< 0.188	ND	< 0.274	ND	< 0.274	ND	< 0.274	ND	0.841	P
PPSP-1-S-20250910	0.844		< 0.274	ND	0.400	J	< 0.274	ND	1.73	B,P
PPSP-2-S-20250910	0.785		< 0.274	ND	0.422	J	< 0.274	ND	1.10	B,P
PPSP-3-S-20250910	0.518		< 0.274	ND	0.416	J	< 0.274	ND	1.07	B,P
PPSP-4-S-20250910	0.585		< 0.274	ND	0.574		< 0.274	ND	1.69	B,P
PPSP-5-S-20250910	0.680		< 0.274	ND	0.594		< 0.274	ND	1.85	B,P
PPSP-6-S-20250910	0.682		< 0.274	ND	0.480	J	< 0.274	ND	1.09	B,P
PPSP-7-S-20250910	0.634		< 0.274	ND	0.684		< 0.274	ND	1.27	B,P
PPSP-8-D-20250910	0.630		< 0.274	ND	0.499	J	< 0.274	ND	1.09	B,P
PPSP-8-S-20250910	0.702		< 0.274	ND	0.424	J	< 0.274	ND	1.73	B,P
PPSP-9-S-20250910	1.27		0.295	J	1.14		0.469	J	1.98	B,P
PPSP-10-S-20250910	1.45		0.310	J	1.20		0.481	J	1.67	B,P
PPSP-11-S-20250910	0.746		< 0.274	ND	0.378	J	< 0.274	ND	0.927	B,P
PPSP-12-S-20250910	0.726		< 0.274	ND	< 0.274	ND	< 0.274	ND	0.938	B,P
PPSP-13-S-20250910	0.979		< 0.274	ND	0.483	J	< 0.274	ND	1.18	B,P

J: Estimated value, the analyte was detected between the method detection limit and the reporting limit

I: Internal Standard recovery is outside acceptance limits

ND: That analyte was not present above the method detection limit

B: Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte

P: Field duplicate exceed 30% RPD

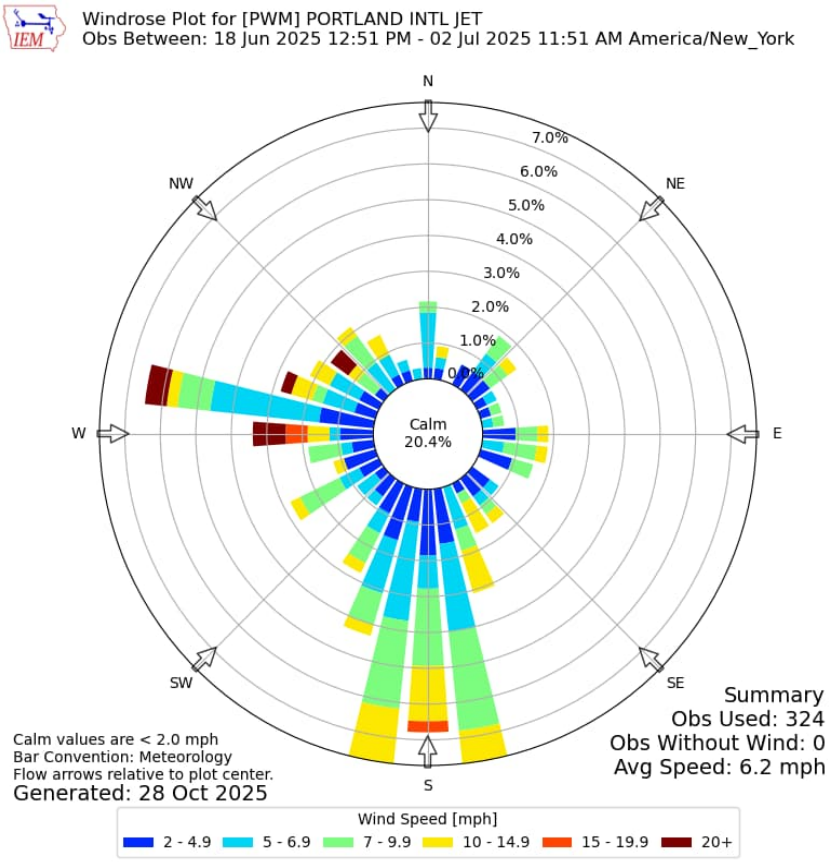
Pc: Field duplicate(s) exceed 30%RPD. Concentrations of both samples in duplicate are near the reporting limit

Summary Statistics	Benzene Conc. ($\mu g/m^3$)	Ethylbenzene Conc. ($\mu g/m^3$)	Xylene (m/p) Conc. ($\mu g/m^3$)	Xylene (o) Conc. ($\mu g/m^3$)	Toluene Conc. ($\mu g/m^3$)
Quarterly Maximum	2.14	0.587	2.53	0.979	7.22
Quarterly Average	0.878	0.280	0.523	0.294	1.41
Rolling Annual Maximum	2.14	0.587	2.53	0.979	32.8
Rolling Annual Average	0.812	0.280	0.425	0.284	1.45

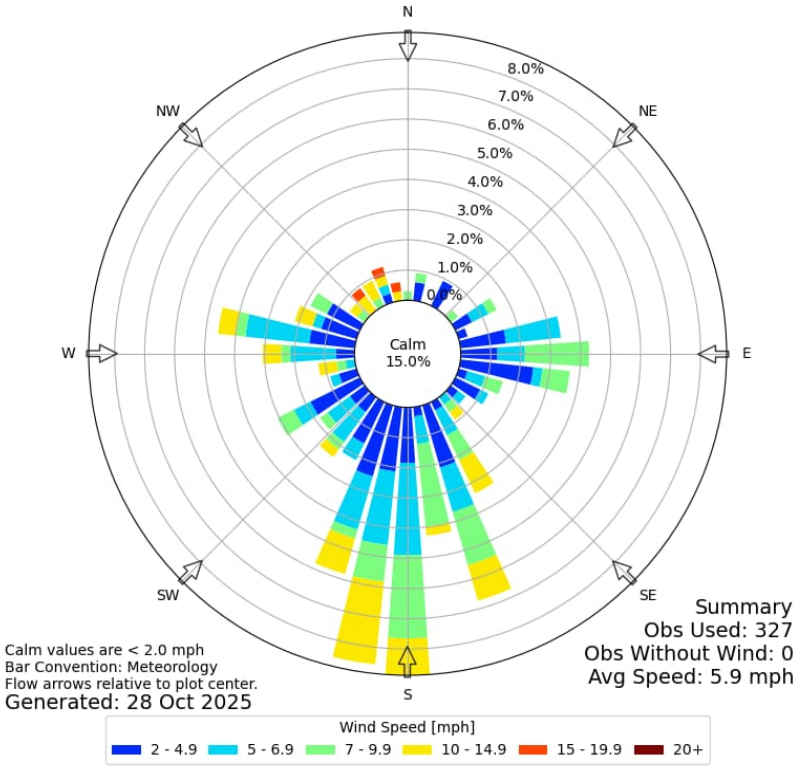
Note: Averages do not include field blanks or duplicates

Begin Date:	Start Time:	End Date:	End Time:	Avg Temp. (°F):	Avg. Bar. Pressure (in):	Avg. Wind Speed (mph):	Avg. Wind Direction:
6/18/2025	10:55 a.m. - 11:52 p.m.	7/2/2025	10:20 a.m. - 11:22 a.m.	68.9	29.9	7.6	195.9
7/2/2025	10:20 a.m. - 11:22 p.m.	7/16/2025	10:42 a.m. - 11:40 a.m.	69.7	30.0	6.9	180.0
7/16/2025	10:42 a.m. - 11:11 a.m.	7/30/2025	11:40 a.m. - 12:12 p.m.	71.3	30.0	8.0	226.2
7/30/2025	11:11 a.m. - 12:12 p.m.	8/13/2025	10:31 a.m. - 11:31 p.m.	69.8	30.2	7.1	177.4
8/13/2025	10:31 a.m. - 11:31 p.m.	8/27/2025	10:48 a.m. - 11:48 p.m.	67.4	30.0	7.8	186.6
8/27/2025	10:48 a.m. - 11:48 p.m.	9/10/2025	10:39 a.m. - 11:37 p.m.	62.3	30.1	6.8	201.3
9/10/2025	10:39 a.m. - 11:37 p.m.	9/24/2025	10:34 a.m. - 11:30 p.m.	60.8	30.1	6.7	218.6

Location	Latitude	Longitude
Shelter 1	43.625044°	-70.268206°
Shelter 2	43.624461°	-70.269444°
Shelter 3	43.624128°	-70.272269°
Shelter 4	43.625869°	-70.273467°
Shelter 5	43.627444°	-70.274175°
Shelter 6	43.628351°	-70.272082°
Shelter 7	43.629353°	-70.270966°
Shelter 8	43.62845°	-70.269547°
Shelter 9	43.628232°	-70.267221°
Shelter 10	43.628461°	-70.265494°
Shelter 11	43.627796°	-70.263879°
Shelter 12	43.625964°	-70.263686°
Shelter 13	43.625017°	-70.265767°
KPWM Met	43.642222°	-70.304444°



Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 02 Jul 2025 12:51 PM - 16 Jul 2025 11:51 AM America/New_York

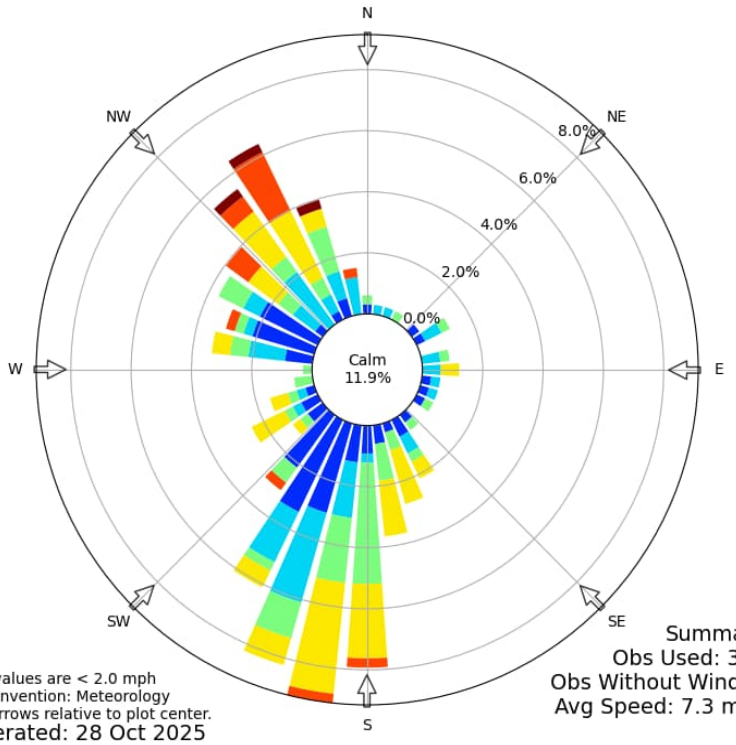


Summary
Obs Used: 327
Obs Without Wind: 0
Avg Speed: 5.9 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Oct 2025

Wind Speed [mph]
2 - 4.9 | 5 - 6.9 | 7 - 9.9 | 10 - 14.9 | 15 - 19.9 | 20+

Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 16 Jul 2025 12:51 PM - 30 Jul 2025 12:51 PM America/New_York

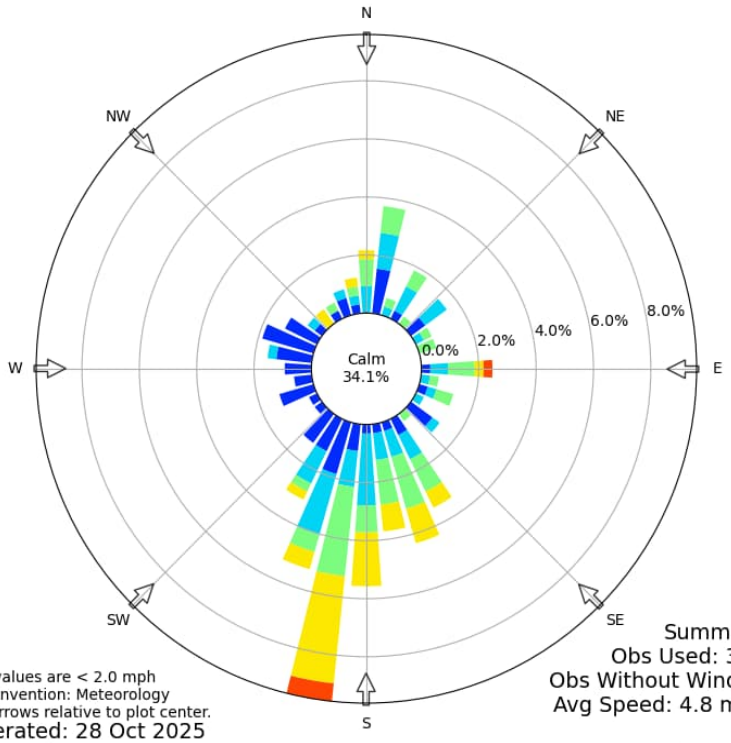


Summary
Obs Used: 328
Obs Without Wind: 0
Avg Speed: 7.3 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Oct 2025

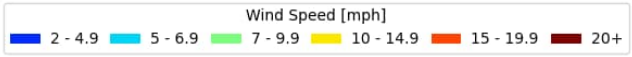
Wind Speed [mph]
2 - 4.9 | 5 - 6.9 | 7 - 9.9 | 10 - 14.9 | 15 - 19.9 | 20+

Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 30 Jul 2025 01:51 PM - 13 Aug 2025 11:51 AM America/New_York

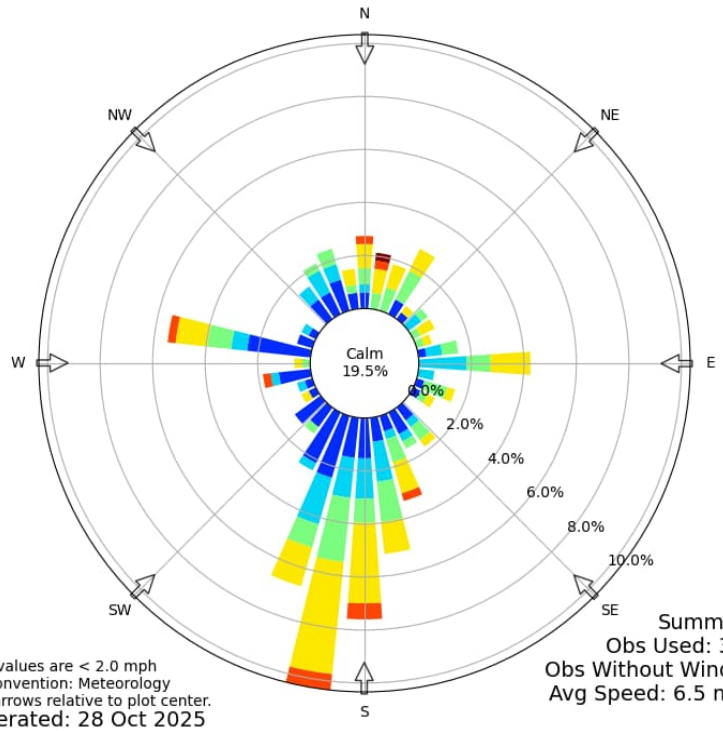


Summary
Obs Used: 323
Obs Without Wind: 0
Avg Speed: 4.8 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Oct 2025

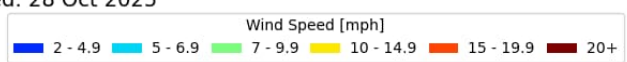


Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 13 Aug 2025 12:51 PM - 27 Aug 2025 10:51 AM America/New_York

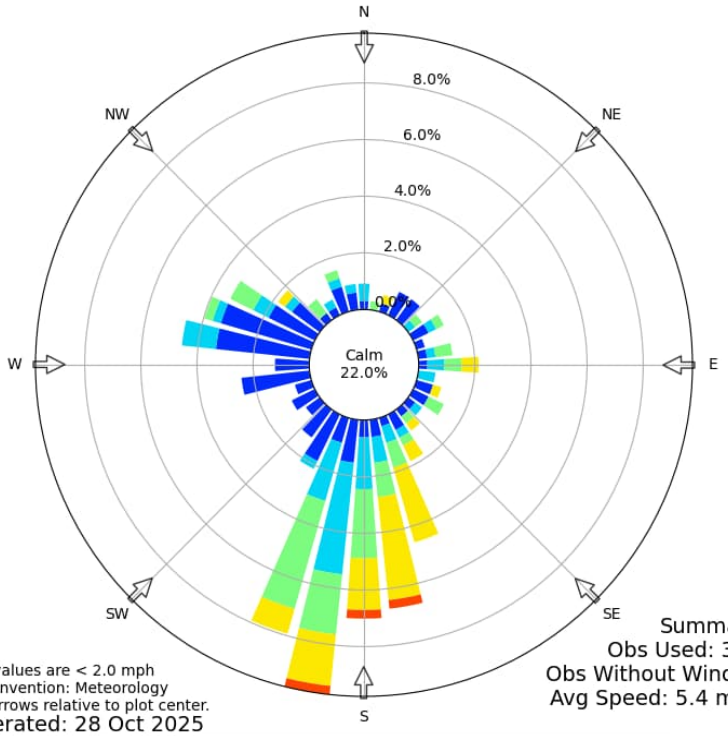


Summary
Obs Used: 329
Obs Without Wind: 0
Avg Speed: 6.5 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Oct 2025



Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 27 Aug 2025 01:51 PM - 10 Sep 2025 11:51 AM America/New_York

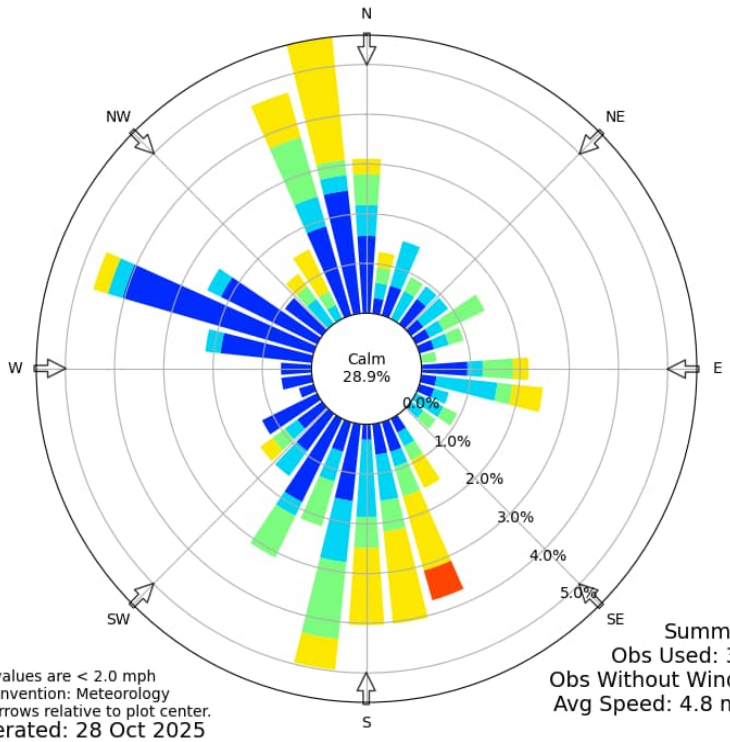


Summary
Obs Used: 328
Obs Without Wind: 0
Avg Speed: 5.4 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Oct 2025



Windrose Plot for [PWM] PORTLAND INTL JET
Obs Between: 10 Sep 2025 12:51 PM - 24 Sep 2025 11:51 AM America/New_York



Summary
Obs Used: 322
Obs Without Wind: 0
Avg Speed: 4.8 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 28 Oct 2025



Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 7/7/2025

Analytical Report
2025FW301

EPA Method 325B Analysis

Report Issue Date: 7/18/2025

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

ENTHALPY
ANALYTICAL

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

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW301-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Enthalpy Analytical on July 7, 2025 at 24.8 °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
PPSP-6-S-20250618	C38575	Sample
PPSP-5-S-20250618	C01683	Sample
PPSP-4-S-20250618	C43296	Sample
PPSP-3-S-20250618	C16072	Sample
PPSP-2-S-20250618	B46105	Sample
PPSP-1-S-20250618	C38565	Sample
PPSP-1-B-20250618	C00684	Blank
PPSP-13-S-20250618	C37508	Sample
PPSP-12-S-20250618	C59936	Sample
PPSP-11-S-20250618	C57711	Sample
PPSP-10-S-20250618	C43308	Sample
PPSP-9-S-20250618	B43307	Sample
PPSP-8-S-20250618	B48536	Sample
PPSP-8-D-20250618	C60271	Duplicate
PPSP-7-S-20250618	B21057	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.

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.

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW301-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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 PPSP-8-S-20250618 (tube ID B48536) and its corresponding duplicate PPSP-8-D-20250618 (tube ID C60271) failed to meet the 30% difference criterion for Toluene as specified by the method. All samples in the data set have been flagged “P” for Toluene to denote this failure.

The primary sample PPSP-8-S-20250618 (tube ID B48536) and its corresponding duplicate PPSP-8-D-20250618 (tube ID C60271) failed to meet the 30% difference criterion for m-/p-Xylenes 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 m-/p-Xylenes 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: Power Engineers, Inc.

Job No.: 2025FW301-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250618	C38575	0.561		1.55	P		ND	0.487	J,Pc		ND
PPSP-5-S-20250618	C01683	0.551		1.39	P		ND	0.379	J,Pc		ND
PPSP-4-S-20250618	C43296	0.506		1.49	P		ND	0.430	J,Pc		ND
PPSP-3-S-20250618	C16072	0.503		1.10	P		ND	0.279	J,Pc		ND
PPSP-2-S-20250618	B46105	0.614		0.852	P		ND	0.288	J,Pc		ND
PPSP-1-S-20250618	C38565	0.762		0.927	P		ND	0.294	J,Pc		ND
PPSP-1-B-20250618	C00684		ND		ND,P		ND		ND,Pc		ND
PPSP-13-S-20250618	C37508	0.615		1.50	P		ND	0.295	J,Pc		ND
PPSP-12-S-20250618	C59936	0.949		4.71	P		ND	0.470	J,Pc		ND
PPSP-11-S-20250618	C57711	0.958		1.46	P		ND	0.381	J,Pc		ND
PPSP-10-S-20250618	C43308	1.40		3.03	P		ND	0.432	J,Pc		ND
PPSP-9-S-20250618	B43307	1.13		1.20	P		ND	0.521	J,Pc		ND
PPSP-8-S-20250618	B48536	0.825		0.972	P		ND	0.299	J,Pc		ND
PPSP-8-D-20250618	C60271	0.681		7.22	P		ND	0.570	Pc		ND
PPSP-7-S-20250618	B21057	0.532		1.13	P		ND	0.428	J,Pc		ND

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: Power Engineers, Inc.

Job No.: 2025FW301-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250618	C38575	0.561	0.176	7.51	70.3	0.666	20125	0.187	0.371	0.0584	0.116		N2503946.D	2025-07-08 21:10	0.862	8.107	50110	712702	92.1	8.052	-0.3%
PPSP-5-S-20250618	C01683	0.551	0.172	7.38	70.3	0.666	20125	0.187	0.371	0.0584	0.116		N2503947.D	2025-07-08 21:50	0.862	8.107	45396	657159	92.1	8.052	-8.1%
PPSP-4-S-20250618	C43296	0.506	0.158	6.77	70.3	0.666	20127	0.187	0.371	0.0584	0.116		N2503948.D	2025-07-08 22:30	0.862	8.107	43787	690450	92.1	8.052	-3.4%
PPSP-3-S-20250618	C16072	0.503	0.158	6.74	70.3	0.666	20128	0.187	0.371	0.0584	0.116		N2503949.D	2025-07-08 23:10	0.862	8.107	44377	702994	92.1	8.052	-1.7%
PPSP-2-S-20250618	B46105	0.614	0.192	8.23	70.3	0.666	20128	0.187	0.371	0.0584	0.116		N2503950.D	2025-07-08 23:50	0.862	8.107	53566	694969	92.1	8.052	-2.8%
PPSP-1-S-20250618	C38565	0.762	0.239	10.2	70.3	0.666	20128	0.187	0.371	0.0584	0.116		N2503951.D	2025-07-09 00:30	0.862	8.107	61755	645573	92.1	8.052	-9.7%
PPSP-1-B-20250618	C00684				70.3	0.666	20128	0.187	0.371	0.0584	0.116	ND	N2503945.D	2025-07-08 20:30	0.862	8.107	4987	710782	92.1	8.052	-0.6%
PPSP-13-S-20250618	C37508	0.615	0.193	8.24	70.3	0.666	20129	0.187	0.371	0.0584	0.116		N2503952.D	2025-07-09 01:10	0.862	8.113	53097	688496	92.1	8.058	-3.7%
PPSP-12-S-20250618	C59936	0.949	0.297	12.7	70.3	0.666	20130	0.187	0.371	0.0584	0.116		N2503953.D	2025-07-09 01:50	0.862	8.107	81312	683199	92.1	8.052	-4.5%
PPSP-11-S-20250618	C57711	0.958	0.300	12.8	70.3	0.666	20130	0.187	0.371	0.0584	0.116		N2503954.D	2025-07-09 02:29	0.862	8.107	84505	702661	92.1	8.052	-1.7%
PPSP-10-S-20250618	C43308	1.40	0.439	18.8	70.3	0.666	20130	0.187	0.371	0.0584	0.116		N2503956.D	2025-07-09 04:09	0.862	8.107	122727	697676	92.1	8.052	-2.4%
PPSP-9-S-20250618	B43307	1.13	0.353	15.1	70.3	0.666	20130	0.187	0.371	0.0584	0.116		N2503957.D	2025-07-09 04:48	0.862	8.107	100171	709344	92.1	8.052	-0.8%
PPSP-8-S-20250618	B48536	0.825	0.258	11.1	70.4	0.666	20132	0.187	0.371	0.0584	0.116		N2503958.D	2025-07-09 05:28	0.862	8.107	73149	706323	92.1	8.046	-1.2%
PPSP-8-D-20250618	C60271	0.681	0.213	9.13	70.4	0.666	20132	0.187	0.371	0.0584	0.116		N2503959.D	2025-07-09 06:08	0.862	8.107	61779	723044	92.1	8.052	1.1%
PPSP-7-S-20250618	B21057	0.532	0.167	7.13	70.4	0.666	20130	0.187	0.371	0.0584	0.116		N2503960.D	2025-07-09 06:48	0.862	8.101	48932	733070	92.1	8.052	2.5%

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
PPSP-6-S-20250618	C38575	1.55	0.411	16.1	70.3	0.517	20125	0.240	0.517	0.0638	0.137	P	N2503946.D	2025-07-08 21:10	0.659	10.707	119974	1228067	108.6	10.615	-2.4%
PPSP-5-S-20250618	C01683	1.39	0.370	14.5	70.3	0.517	20125	0.240	0.517	0.0638	0.137	P	N2503947.D	2025-07-08 21:50	0.659	10.707	101075	1149907	108.6	10.615	-8.6%
PPSP-4-S-20250618	C43296	1.49	0.395	15.5	70.3	0.517	20127	0.240	0.517	0.0638	0.137	P	N2503948.D	2025-07-08 22:30	0.659	10.707	111499	1188768	108.6	10.615	-5.5%
PPSP-3-S-20250618	C16072	1.10	0.293	11.5	70.3	0.517	20128	0.240	0.517	0.0638	0.137	P	N2503949.D	2025-07-08 23:10	0.659	10.713	83435	1197006	108.6	10.616	-4.9%
PPSP-2-S-20250618	B46105	0.852	0.226	8.86	70.3	0.517	20128	0.240	0.517	0.0638	0.137	P	N2503950.D	2025-07-08 23:50	0.659	10.707	63309	1177437	108.6	10.615	-6.4%
PPSP-1-S-20250618	C38565	0.927	0.246	9.64	70.3	0.517	20128	0.240	0.517	0.0638	0.137	P	N2503951.D	2025-07-09 00:30	0.659	10.707	64790	1108111	108.6	10.615	-11.9%
PPSP-1-B-20250618	C00684				70.3	0.517	20128	0.240	0.517	0.0638	0.137	ND,P	N2503945.D	2025-07-08 20:30	0.659	10.713	10139	1231889	108.6	10.615	-2.1%
PPSP-13-S-20250618	C37508	1.50	0.397	15.6	70.3	0.517	20129	0.240	0.517	0.0638	0.137	P	N2503952.D	2025-07-09 01:10	0.659	10.713	110679	1171691	108.6	10.621	-6.9%
PPSP-12-S-20250618	C59936	4.71	1.25	49.0	70.3	0.517	20130	0.240	0.517	0.0638	0.137	P	N2503953.D	2025-07-09 01:50	0.659	10.707	339782	1143086	108.6	10.615	-9.2%
PPSP-11-S-20250618	C57711	1.46	0.389	15.2	70.3	0.517	20130	0.240	0.517	0.0638	0.137	P	N2503954.D	2025-07-09 02:29	0.659	10.713	109231	1181563	108.6	10.616	-6.1%
PPSP-10-S-20250618	C43308	3.03	0.805	31.5	70.3	0.517	20130	0.240	0.517	0.0638	0.137	P	N2503956.D	2025-07-09 04:09	0.659	10.707	224933	1176153	108.6	10.615	-6.5%
PPSP-9-S-20250618	B43307	1.20	0.320	12.5	70.3	0.517	20130	0.240	0.517	0.0638	0.137	P	N2503957.D	2025-07-09 04:48	0.659	10.713	92223	1214379	108.6	10.615	-3.5%
PPSP-8-S-20250618	B48536	0.972	0.258	10.1	70.4	0.517	20132	0.240	0.517	0.0638	0.137	P	N2503958.D	2025-07-09 05:28	0.659	10.707	73181	1192558	108.6	10.615	-5.2%
PPSP-8-D-20250618	C60271	7.22	1.92	75.2	70.4	0.517	20132	0.240	0.517	0.0638	0.137	P	N2503959.D	2025-07-09 06:08	0.659	10.707	557675	1223111	108.6	10.615	-2.8%
PPSP-7-S-20250618	B21057	1.13	0.301	11.8	70.4	0.517	20130	0.240	0.517	0.0638	0.137	P	N2503960.D	2025-07-09 06:48	0.659	10.707	88261	1235864	108.6	10.615	-1.8%

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
PPSP-6-S-20250618	C38575				70.3	0.457	20125	0.272	0.562	0.0626	0.130	ND	N2503946.D	2025-07-08 21:10	0.798	12.830	13814	1228067	108.6	10.615	-2.4%
PPSP-5-S-20250618	C01683				70.3	0.457	20125	0.272	0.562	0.0626	0.130	ND	N2503947.D	2025-07-08 21:50	0.798	12.830	11172	1149907	108.6	10.615	-8.6%
PPSP-4-S-20250618	C43296				70.3	0.457	20127	0.272	0.562	0.0626	0.130	ND	N2503948.D	2025-07-08 22:30	0.798	12.830	11426	1188768	108.6	10.615	-5.5%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW301-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20250618	C16072				70.3	0.457	20128	0.272	0.562	0.0626	0.129	ND	N2503949.D	2025-07-08 23:10	0.798	12.830	10347	1197006	108.6	10.616	-4.9%
PPSP-2-S-20250618	B46105				70.3	0.457	20128	0.272	0.562	0.0626	0.129	ND	N2503950.D	2025-07-08 23:50	0.798	12.830	9884	1177437	108.6	10.615	-6.4%
PPSP-1-S-20250618	C38565				70.3	0.457	20128	0.272	0.562	0.0626	0.129	ND	N2503951.D	2025-07-09 00:30	0.798	12.830	9273	1108111	108.6	10.615	-11.9%
PPSP-1-B-20250618	C00684				70.3	0.457	20128	0.272	0.562	0.0626	0.129	ND	N2503945.D	2025-07-08 20:30	0.798	12.830	1760	1231889	108.6	10.615	-2.1%
PPSP-13-S-20250618	C37508				70.3	0.457	20129	0.272	0.562	0.0626	0.129	ND	N2503952.D	2025-07-09 01:10	0.798	12.830	10098	1171691	108.6	10.621	-6.9%
PPSP-12-S-20250618	C59936				70.3	0.457	20130	0.272	0.562	0.0626	0.129	ND	N2503953.D	2025-07-09 01:50	0.798	12.830	15385	1143086	108.6	10.615	-9.2%
PPSP-11-S-20250618	C57711				70.3	0.457	20130	0.272	0.562	0.0626	0.129	ND	N2503954.D	2025-07-09 02:29	0.798	12.836	9798	1181563	108.6	10.616	-6.1%
PPSP-10-S-20250618	C43308				70.3	0.457	20130	0.272	0.562	0.0626	0.129	ND	N2503956.D	2025-07-09 04:09	0.798	12.830	14361	1176153	108.6	10.615	-6.5%
PPSP-9-S-20250618	B43307				70.3	0.457	20130	0.272	0.562	0.0626	0.129	ND	N2503957.D	2025-07-09 04:48	0.798	12.830	14935	1214379	108.6	10.615	-3.5%
PPSP-8-S-20250618	B48536				70.4	0.457	20132	0.272	0.562	0.0626	0.129	ND	N2503958.D	2025-07-09 05:28	0.798	12.830	9184	1192558	108.6	10.615	-5.2%
PPSP-8-D-20250618	C60271				70.4	0.457	20132	0.272	0.562	0.0626	0.129	ND	N2503959.D	2025-07-09 06:08	0.798	12.830	15059	1223111	108.6	10.615	-2.8%
PPSP-7-S-20250618	B21057				70.4	0.457	20130	0.272	0.562	0.0626	0.129	ND	N2503960.D	2025-07-09 06:48	0.798	12.830	14382	1235864	108.6	10.615	-1.8%

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
PPSP-6-S-20250618	C38575	0.487	0.112	4.48	70.3	0.457	20125	0.272	0.531	0.0626	0.122	J,Pc	N2503946.D	2025-07-08 21:10	0.617	13.001	31259	1228067	108.6	10.615	-2.4%
PPSP-5-S-20250618	C01683	0.379	0.0873	3.49	70.3	0.457	20125	0.272	0.531	0.0626	0.122	J,Pc	N2503947.D	2025-07-08 21:50	0.617	13.001	22760	1149907	108.6	10.615	-8.6%
PPSP-4-S-20250618	C43296	0.430	0.0992	3.96	70.3	0.457	20127	0.272	0.531	0.0626	0.122	J,Pc	N2503948.D	2025-07-08 22:30	0.617	13.007	26730	1188768	108.6	10.615	-5.5%
PPSP-3-S-20250618	C16072	0.279	0.0643	2.57	70.3	0.457	20128	0.272	0.531	0.0626	0.122	J,Pc	N2503949.D	2025-07-08 23:10	0.617	13.001	17456	1197006	108.6	10.616	-4.9%
PPSP-2-S-20250618	B46105	0.288	0.0664	2.65	70.3	0.457	20128	0.272	0.531	0.0626	0.122	J,Pc	N2503950.D	2025-07-08 23:50	0.617	13.007	17720	1177437	108.6	10.615	-6.4%
PPSP-1-S-20250618	C38565	0.294	0.0677	2.70	70.3	0.457	20128	0.272	0.531	0.0626	0.122	J,Pc	N2503951.D	2025-07-09 00:30	0.617	13.001	17003	1108111	108.6	10.615	-11.9%
PPSP-1-B-20250618	C00684				70.3	0.457	20128	0.272	0.531	0.0626	0.122	ND,Pc	N2503945.D	2025-07-08 20:30	0.617	13.020	1705	1231889	108.6	10.615	-2.1%
PPSP-13-S-20250618	C37508	0.295	0.0680	2.72	70.3	0.457	20129	0.272	0.531	0.0626	0.122	J,Pc	N2503952.D	2025-07-09 01:10	0.617	13.007	18070	1171691	108.6	10.621	-6.9%
PPSP-12-S-20250618	C59936	0.470	0.108	4.33	70.3	0.457	20130	0.272	0.531	0.0626	0.122	J,Pc	N2503953.D	2025-07-09 01:50	0.617	13.007	28084	1143086	108.6	10.615	-9.2%
PPSP-11-S-20250618	C57711	0.381	0.0877	3.50	70.3	0.457	20130	0.272	0.531	0.0626	0.122	J,Pc	N2503954.D	2025-07-09 02:29	0.617	13.001	23504	1181563	108.6	10.616	-6.1%
PPSP-10-S-20250618	C43308	0.432	0.0996	3.98	70.3	0.457	20130	0.272	0.531	0.0626	0.122	J,Pc	N2503956.D	2025-07-09 04:09	0.617	13.001	26568	1176153	108.6	10.615	-6.5%
PPSP-9-S-20250618	B43307	0.521	0.120	4.80	70.3	0.457	20130	0.272	0.531	0.0626	0.122	J,Pc	N2503957.D	2025-07-09 04:48	0.617	13.001	33069	1214379	108.6	10.615	-3.5%
PPSP-8-S-20250618	B48536	0.299	0.0690	2.76	70.4	0.457	20132	0.272	0.531	0.0626	0.122	J,Pc	N2503958.D	2025-07-09 05:28	0.617	13.001	18658	1192558	108.6	10.615	-5.2%
PPSP-8-D-20250618	C60271	0.570	0.131	5.25	70.4	0.457	20132	0.272	0.531	0.0626	0.122	Pc	N2503959.D	2025-07-09 06:08	0.617	13.001	36430	1223111	108.6	10.615	-2.8%
PPSP-7-S-20250618	B21057	0.428	0.0987	3.94	70.4	0.457	20130	0.272	0.531	0.0626	0.122	J,Pc	N2503960.D	2025-07-09 06:48	0.617	13.001	27653	1235864	108.6	10.615	-1.8%

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
PPSP-6-S-20250618	C38575				70.3	0.457	20125	0.272	0.554	0.0626	0.128	ND	N2503946.D	2025-07-08 21:10	0.623	13.497	12561	1228067	108.6	10.615	-2.4%
PPSP-5-S-20250618	C01683				70.3	0.457	20125	0.272	0.554	0.0626	0.128	ND	N2503947.D	2025-07-08 21:50	0.623	13.497	8698	1149907	108.6	10.615	-8.6%
PPSP-4-S-20250618	C43296				70.3	0.457	20127	0.272	0.554	0.0626	0.128	ND	N2503948.D	2025-07-08 22:30	0.623	13.497	10336	1188768	108.6	10.615	-5.5%
PPSP-3-S-20250618	C16072				70.3	0.457	20128	0.272	0.554	0.0626	0.128	ND	N2503949.D	2025-07-08 23:10	0.623	13.503	7047	1197006	108.6	10.616	-4.9%
PPSP-2-S-20250618	B46105				70.3	0.457	20128	0.272	0.554	0.0626	0.128	ND	N2503950.D	2025-07-08 23:50	0.623	13.497	7144	1177437	108.6	10.615	-6.4%
PPSP-1-S-20250618	C38565				70.3	0.457	20128	0.272	0.554	0.0626	0.128	ND	N2503951.D	2025-07-09 00:30	0.623	13.497	6675	1108111	108.6	10.615	-11.9%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW301-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20250618	C00684				70.3	0.457	20128	0.272	0.554	0.0626	0.128	ND	N2503945.D	2025-07-08 20:30	0.623	13.497	755	1231889	108.6	10.615	-2.1%
PPSP-13-S-20250618	C37508				70.3	0.457	20129	0.272	0.554	0.0626	0.128	ND	N2503952.D	2025-07-09 01:10	0.623	13.503	6909	1171691	108.6	10.621	-6.9%
PPSP-12-S-20250618	C59936				70.3	0.457	20130	0.272	0.553	0.0626	0.128	ND	N2503953.D	2025-07-09 01:50	0.623	13.497	11660	1143086	108.6	10.615	-9.2%
PPSP-11-S-20250618	C57711				70.3	0.457	20130	0.272	0.553	0.0626	0.128	ND	N2503954.D	2025-07-09 02:29	0.623	13.497	8884	1181563	108.6	10.616	-6.1%
PPSP-10-S-20250618	C43308				70.3	0.457	20130	0.272	0.553	0.0626	0.128	ND	N2503956.D	2025-07-09 04:09	0.623	13.497	11506	1176153	108.6	10.615	-6.5%
PPSP-9-S-20250618	B43307				70.3	0.457	20130	0.272	0.553	0.0626	0.128	ND	N2503957.D	2025-07-09 04:48	0.623	13.497	12985	1214379	108.6	10.615	-3.5%
PPSP-8-S-20250618	B48536				70.4	0.457	20132	0.272	0.553	0.0626	0.128	ND	N2503958.D	2025-07-09 05:28	0.623	13.497	7820	1192558	108.6	10.615	-5.2%
PPSP-8-D-20250618	C60271				70.4	0.457	20132	0.272	0.553	0.0626	0.128	ND	N2503959.D	2025-07-09 06:08	0.623	13.497	14230	1223111	108.6	10.615	-2.8%
PPSP-7-S-20250618	B21057				70.4	0.457	20130	0.272	0.553	0.0626	0.128	ND	N2503960.D	2025-07-09 06:48	0.623	13.497	10810	1235864	108.6	10.615	-1.8%

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: Power Engineers, Inc.
Job No.: 2025FW301-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250618	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250618	19%	Pass	150%	Fail	ND	Pass	62%	Fail	ND	Pass

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW301-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	N2503943.D	B19802	Cal	0.862	1.014	0.862	-15%	-2.0%		Pass	
2025FW301 Method Blank-1	N2503944.D	B15728	Blank		1.014	0.862			-0.86%	Pass	J
M325B CCV 5 REC	N2503955.D	C57162	Check	0.879	1.014	0.862	-13%		2.4%	Pass	
M325B CCV 5 REC	N2503961.D	C20525	Check	0.874	1.014	0.862	-14%		3.4%	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	N2503943.D	B19802	Cal	0.659	0.789	0.659	-17%	-2.6%		Pass	
2025FW301 Method Blank-1	N2503944.D	B15728	Blank		0.789	0.659			-2.0%	Pass	ND
M325B CCV 5 REC	N2503955.D	C57162	Check	0.670	0.789	0.659	-15%		-0.77%	Pass	
M325B CCV 5 REC	N2503961.D	C20525	Check	0.683	0.789	0.659	-13%		-0.031%	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	N2503943.D	B19802	Cal	0.798	0.993	0.798	-20%	-2.6%		Pass	
2025FW301 Method Blank-1	N2503944.D	B15728	Blank		0.993	0.798			-2.0%	Pass	ND
M325B CCV 5 REC	N2503955.D	C57162	Check	0.789	0.993	0.798	-21%		-0.77%	Pass	
M325B CCV 5 REC	N2503961.D	C20525	Check	0.831	0.993	0.798	-16%		-0.031%	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	N2503943.D	B19802	Cal	0.617	0.736	0.617	-16%	-2.7%		Pass	
2025FW301 Method Blank-1	N2503944.D	B15728	Blank		0.736	0.617			-2.0%	Pass	ND
M325B CCV 5 REC	N2503955.D	C57162	Check	0.604	0.736	0.617	-18%		-0.77%	Pass	
M325B CCV 5 REC	N2503961.D	C20525	Check	0.622	0.736	0.617	-15%		-0.031%	Pass	

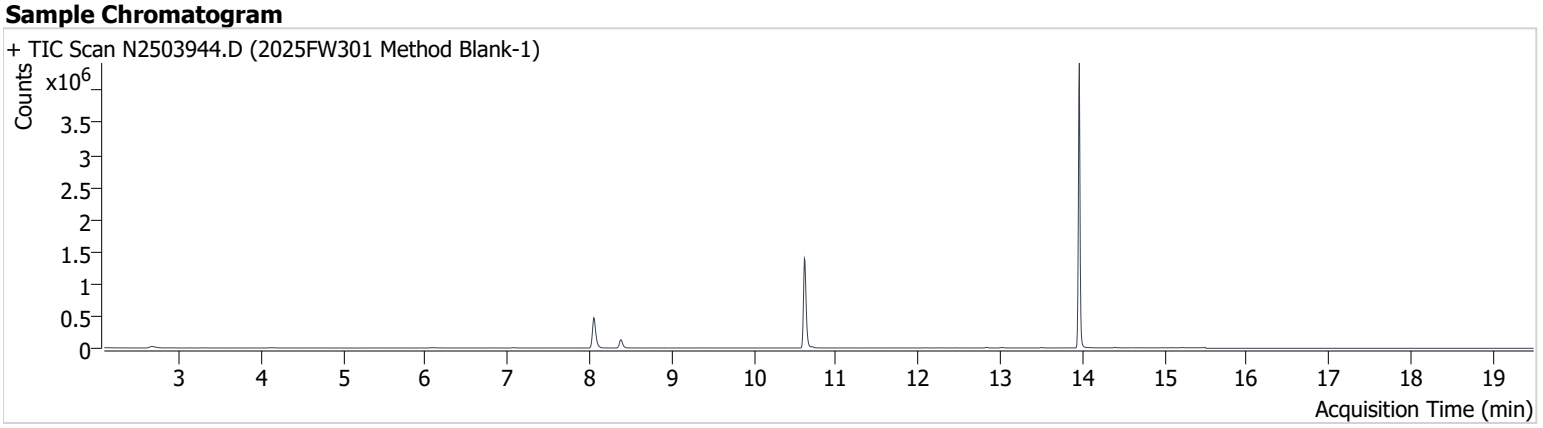
o-Xylene Calibration and Blanks

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	N2503943.D	B19802	Cal	0.623	0.797	0.623	-22%	-2.6%		Pass	
2025FW301 Method Blank-1	N2503944.D	B15728	Blank		0.797	0.623			-2.0%	Pass	ND
M325B CCV 5 REC	N2503955.D	C57162	Check	0.616	0.797	0.623	-23%		-0.77%	Pass	
M325B CCV 5 REC	N2503961.D	C20525	Check	0.622	0.797	0.623	-22%		-0.031%	Pass	

Chromatograms

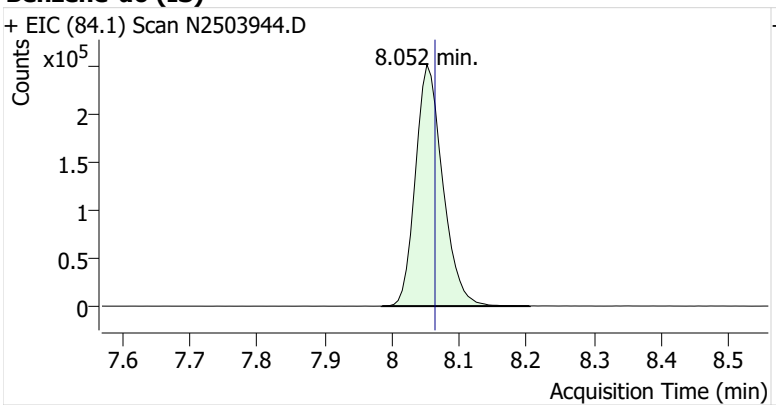
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Comment	B15728
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Acq. Date-Time	7/8/2025 7:50:42 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

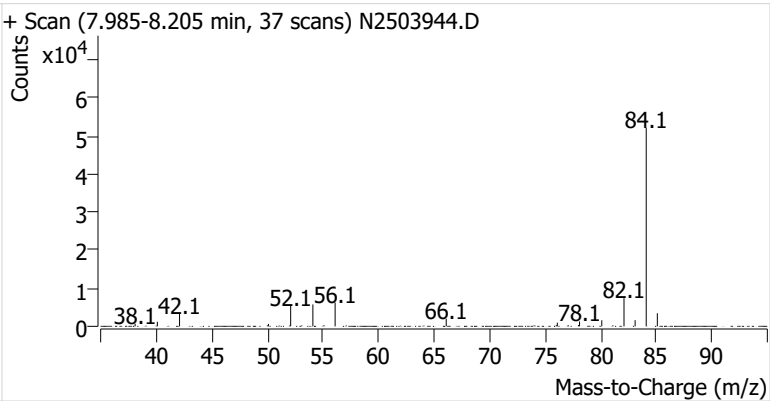
Sample Chromatogram



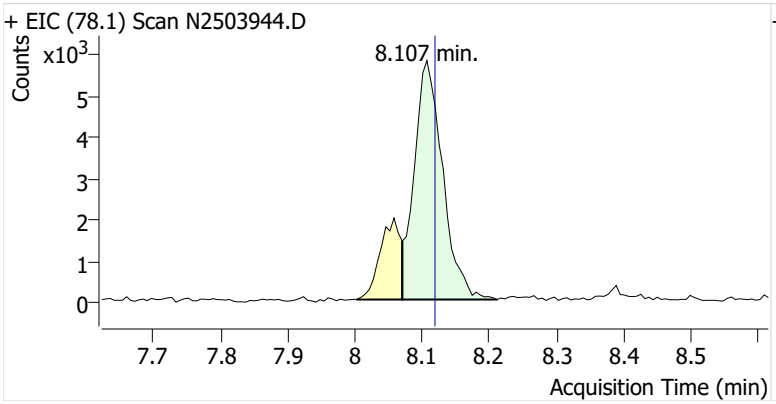
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	708,972	
Benzene	Benzene-d6 (IS)	8.107	8.119	17,047	
Toluene-d8 (IS)		10.615	10.627	1,233,186	
Toluene	Toluene-d8 (IS)	10.713	10.719	16,201	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	8,595	
m-/p-Xylenes	Toluene-d8 (IS)	13.026	13.038	6,744	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	4,724	

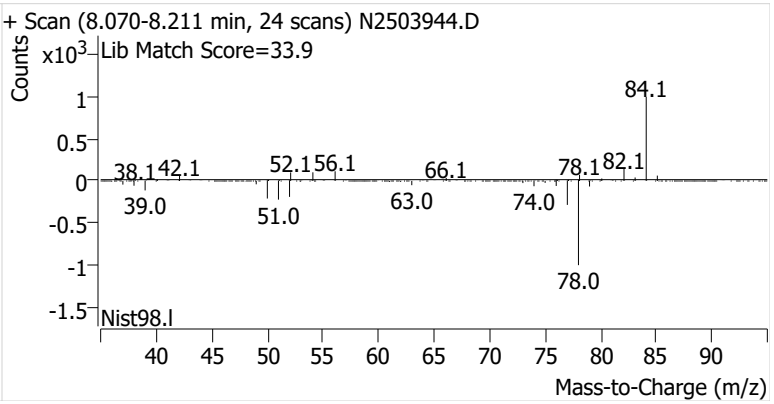
Benzene-d6 (IS)



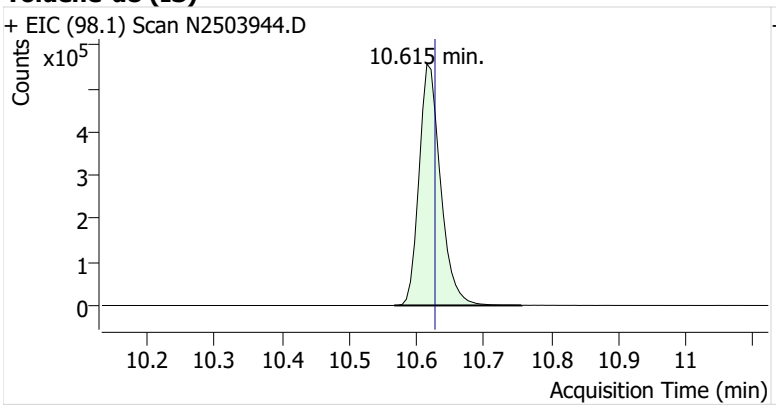


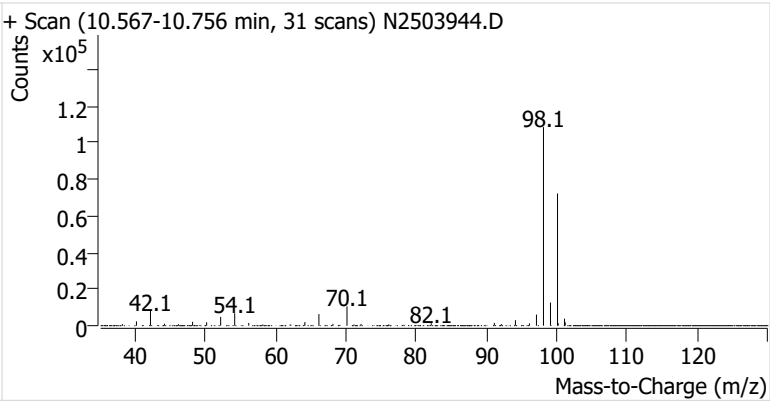
Benzene



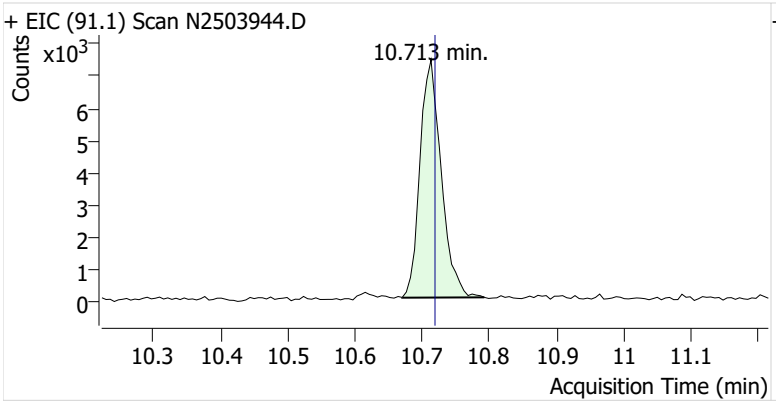


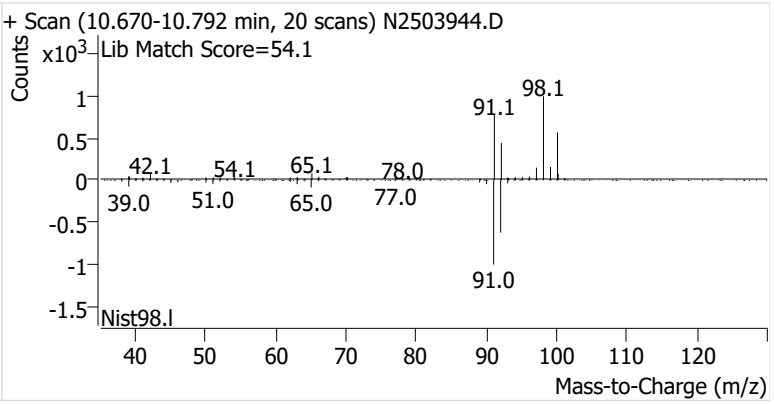
Toluene-d8 (IS)



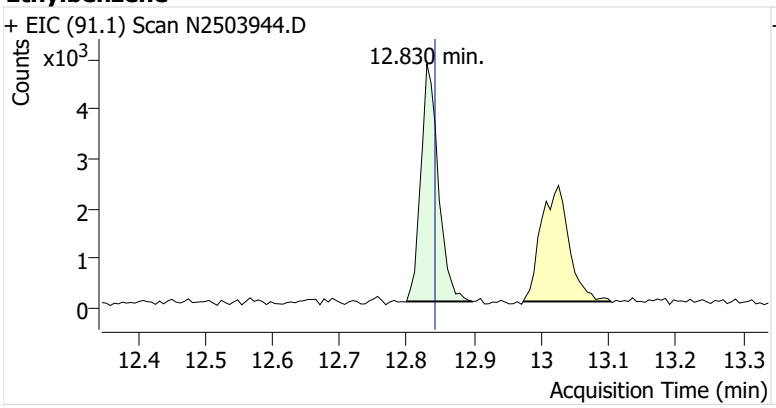


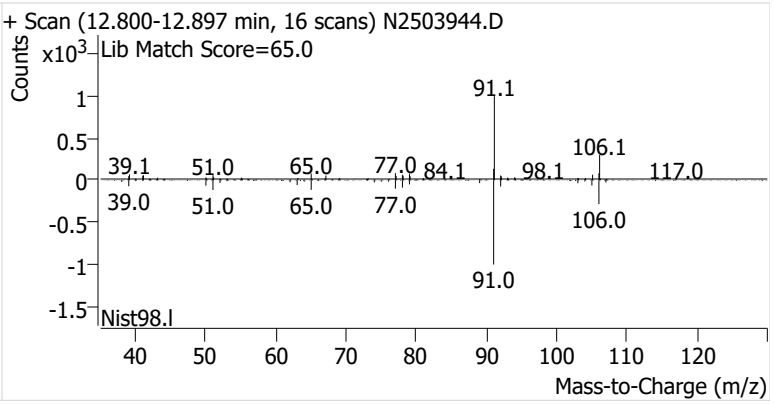
Toluene



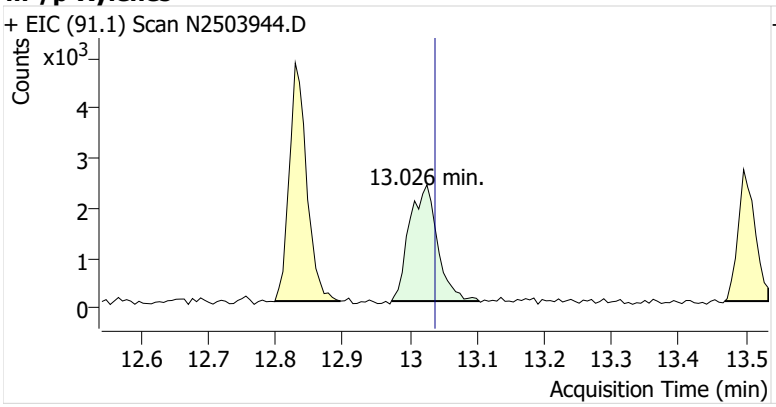


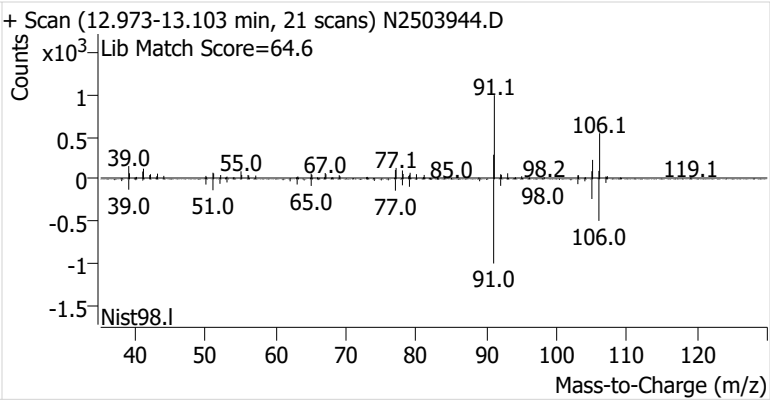
Ethylbenzene



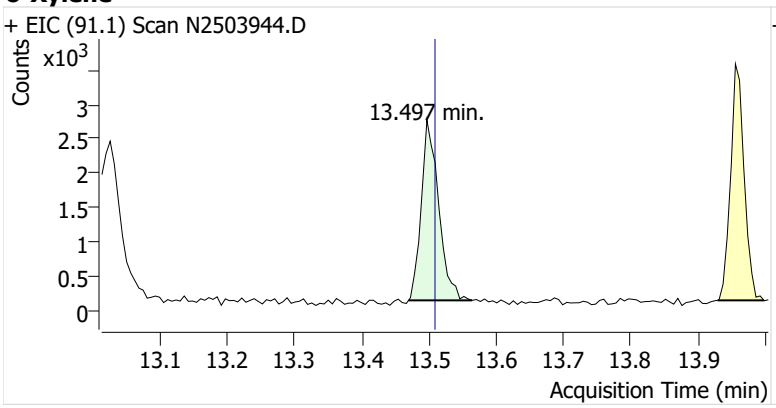


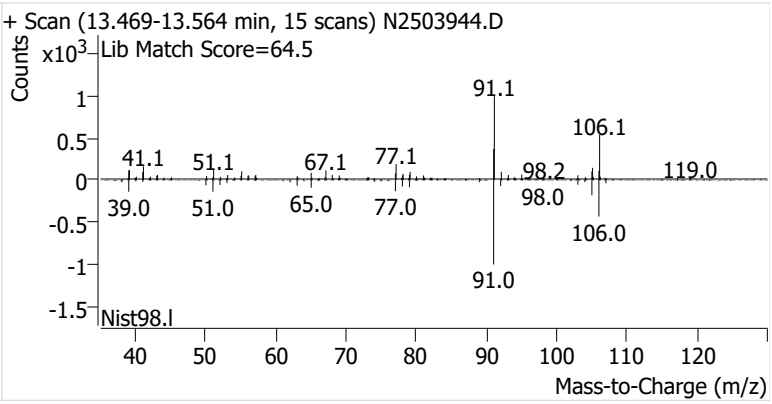
m-/p-Xylenes





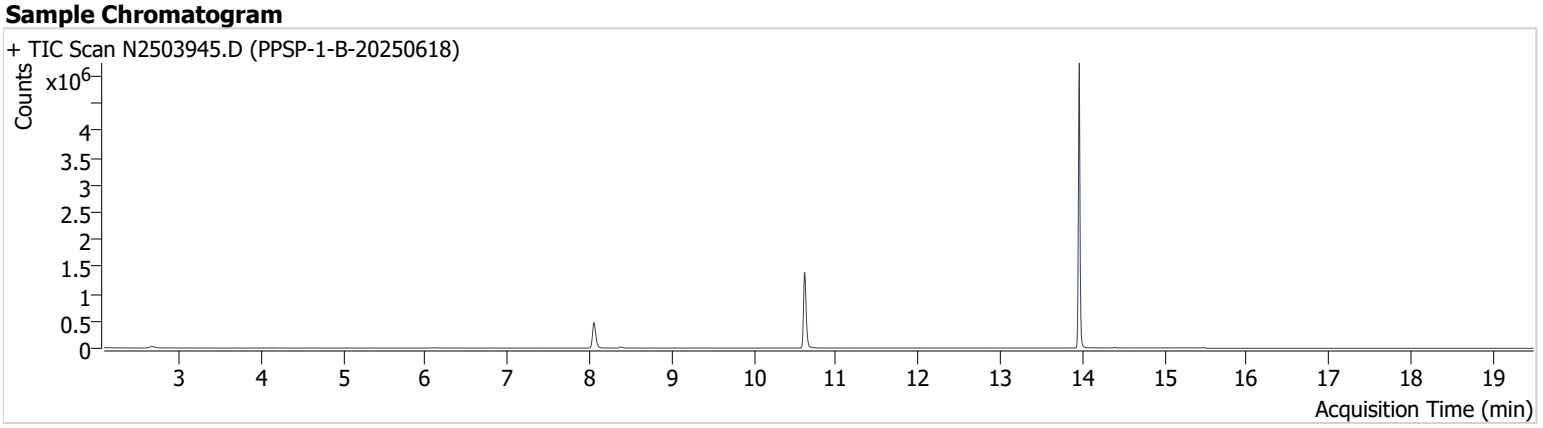
o-Xylene


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Counts
x10^3
13.497 min.
Acquisition Time (min)


+ Scan (13.469-13.564 min, 15 scans) N2503944.D
Lib Match Score=64.5
Counts
x10^3
91.1
106.1
41.1
51.1
67.1
77.1
98.2
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65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

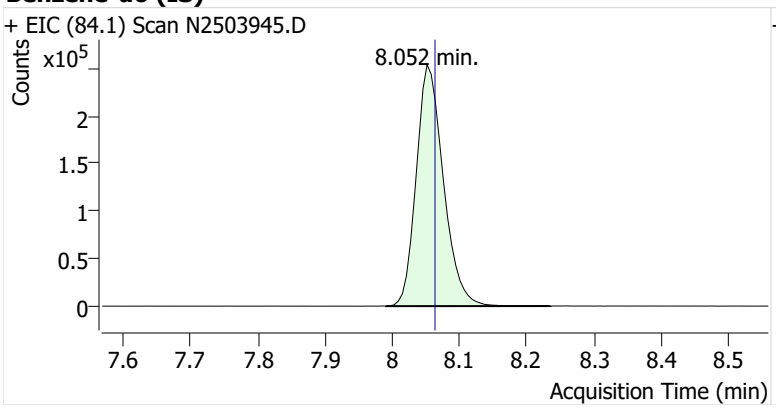
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Acq. Date-Time	7/8/2025 8:30:40 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

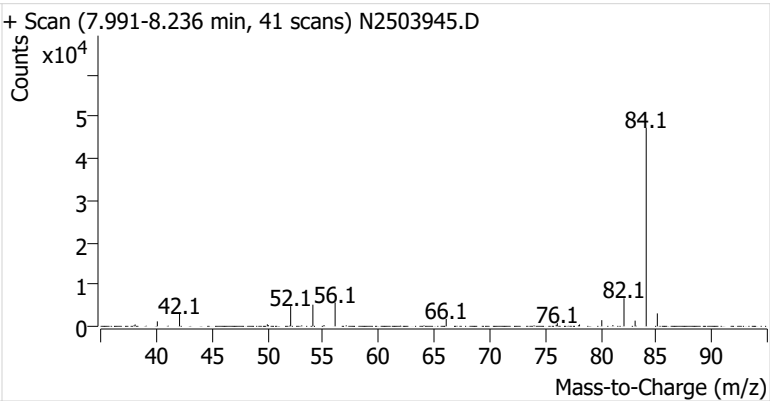
Sample Chromatogram



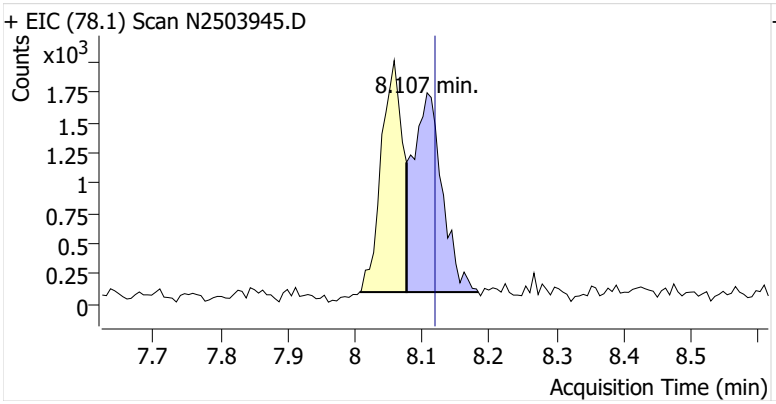
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	710,782	
Benzene	Benzene-d6 (IS)	8.107	8.119	4,987	
Toluene-d8 (IS)		10.615	10.627	1,231,889	
Toluene	Toluene-d8 (IS)	10.713	10.719	10,139	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	1,760	
m-/p-Xylenes	Toluene-d8 (IS)	13.020	13.038	1,705	m
o-Xylene	Toluene-d8 (IS)	13.497	13.509	755	

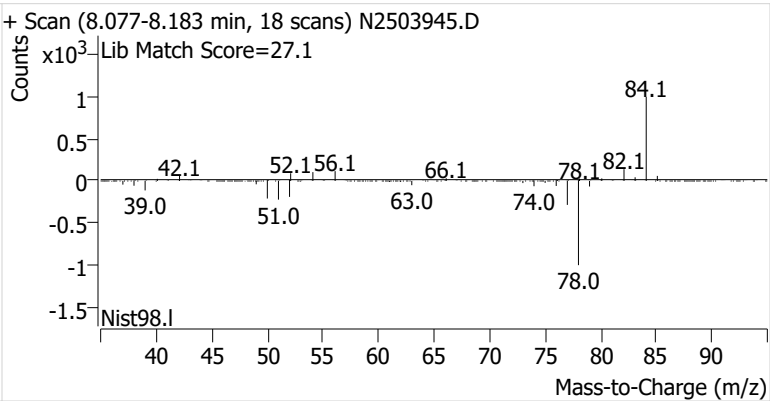
Benzene-d6 (IS)



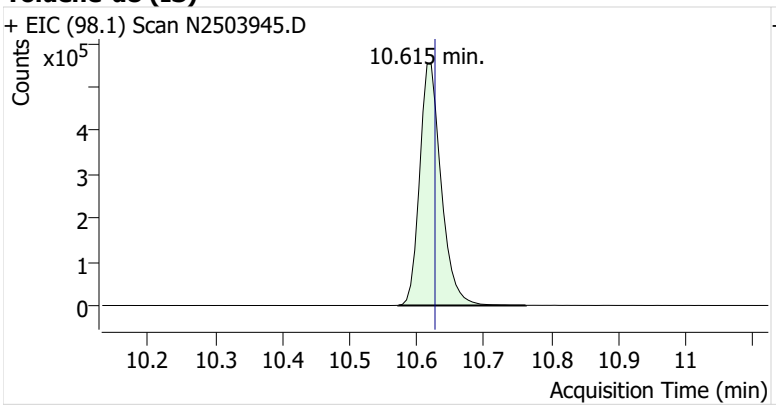


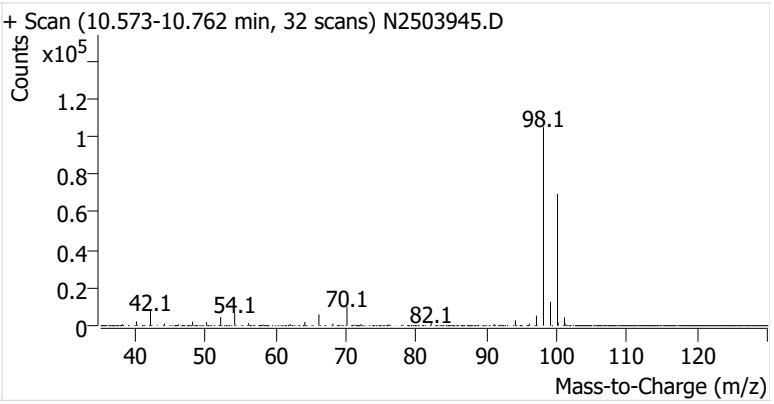
Benzene



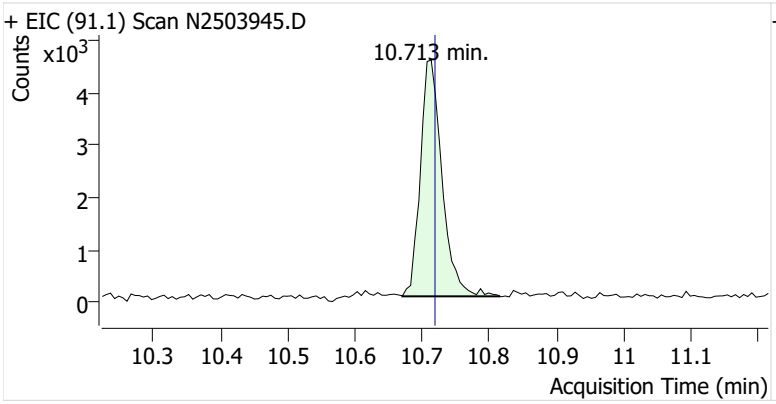


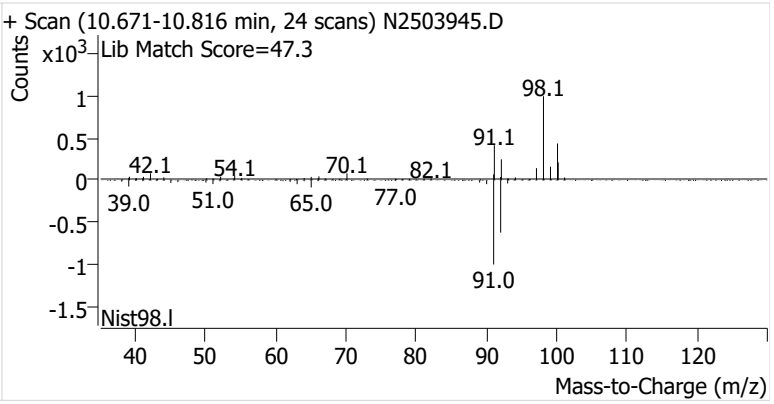
Toluene-d8 (IS)



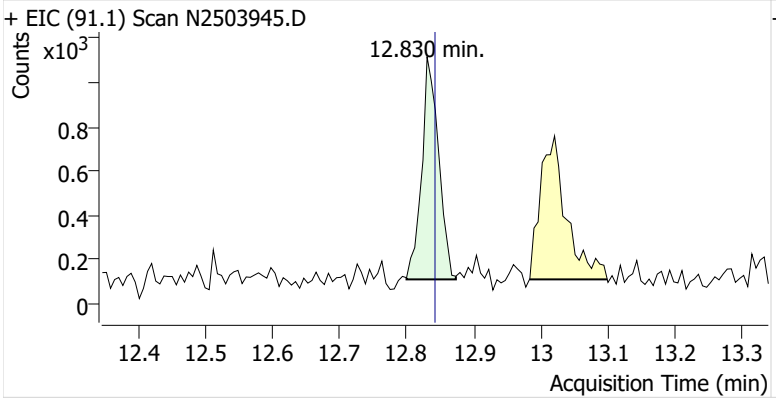


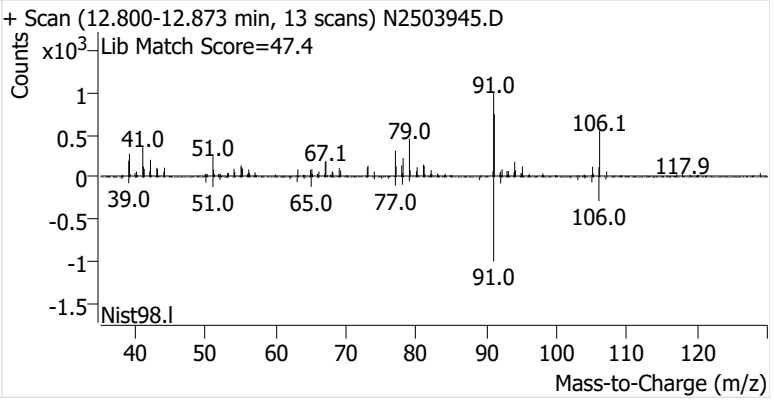
Toluene



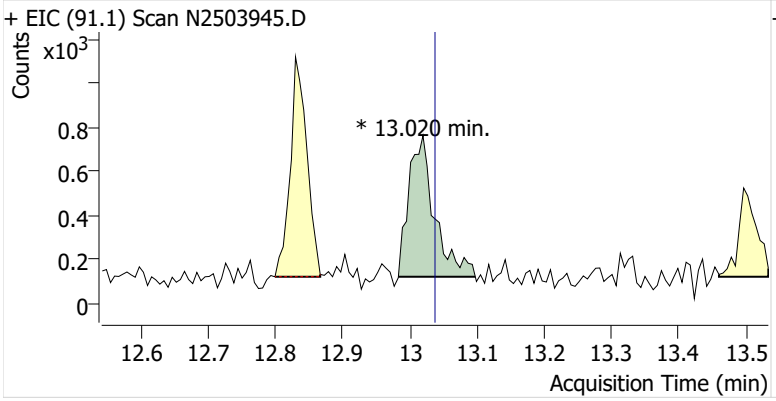


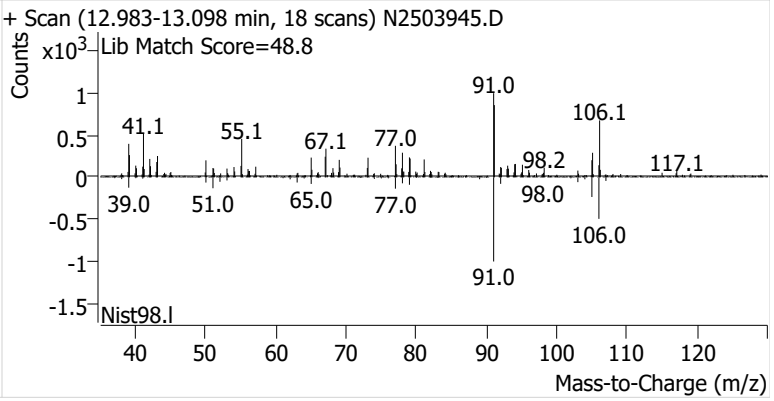
Ethylbenzene



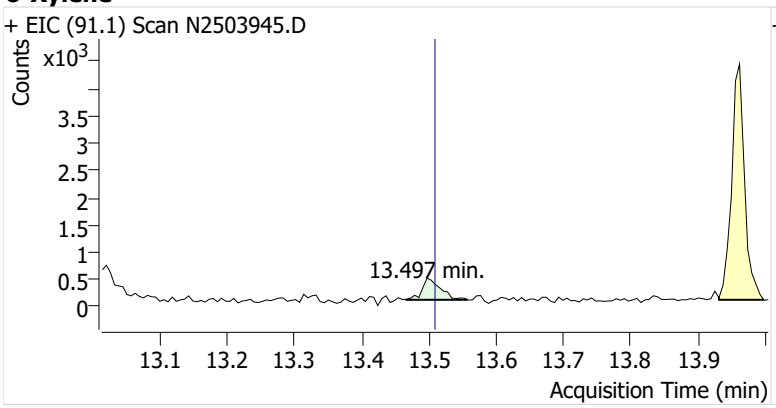


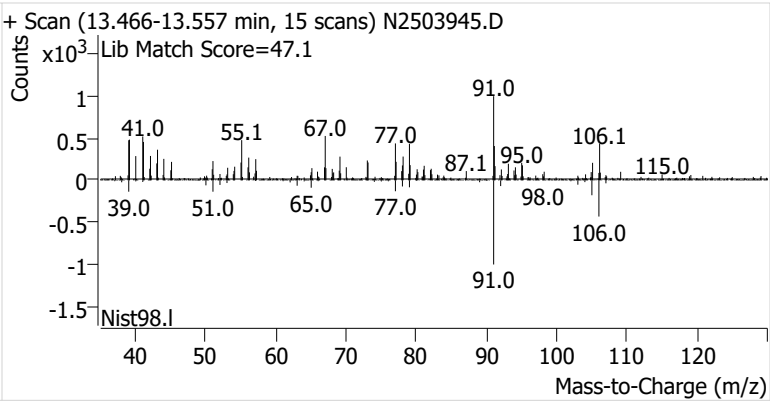
m-/p-Xylenes





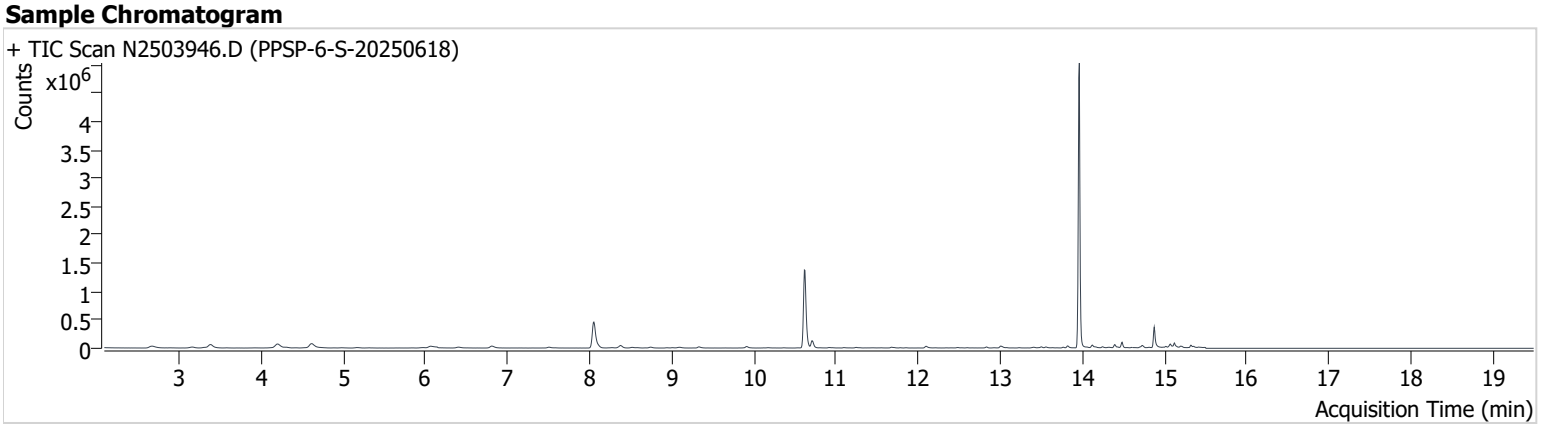
o-Xylene


+ EIC (91.1) Scan N2503945.D
Counts
x10^3
3.5
3
2.5
2
1.5
1
0.5
0
13.497 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9
Acquisition Time (min)


+ Scan (13.466-13.557 min, 15 scans) N2503945.D
Counts
x10^3
Lib Match Score=47.1
1
0.5
0
-0.5
-1
-1.5
91.0
41.0
55.1
67.0
77.0
87.1
95.0
106.1
115.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

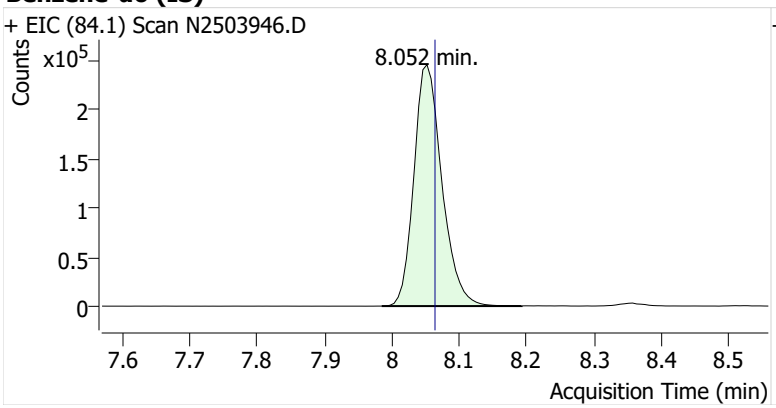
Name	PPSP-6-S-20250618
Comment	C38575
Data File	N2503946.D
Acq. Date-Time	7/8/2025 9:10:37 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

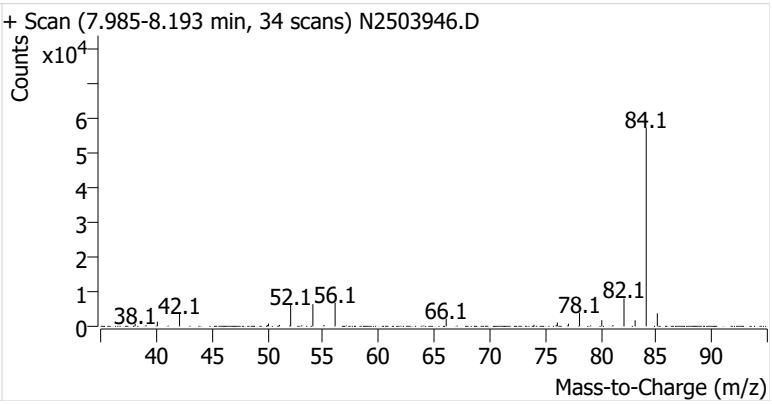
Sample Chromatogram



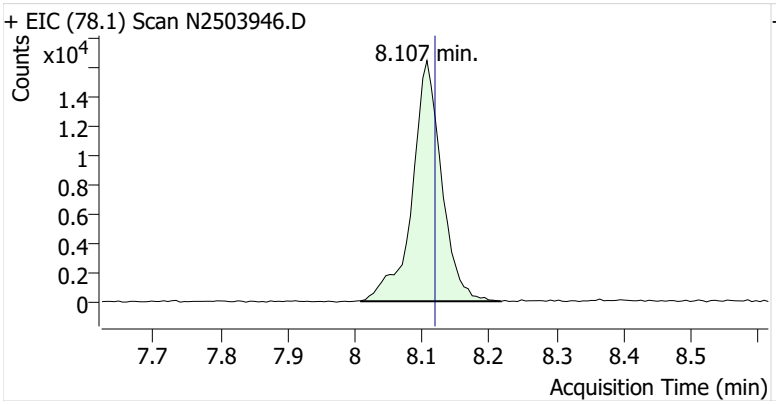
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	712,702	
Benzene	Benzene-d6 (IS)	8.107	8.119	50,110	
Toluene-d8 (IS)		10.615	10.627	1,228,067	
Toluene	Toluene-d8 (IS)	10.707	10.719	119,974	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	13,814	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	31,259	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	12,561	

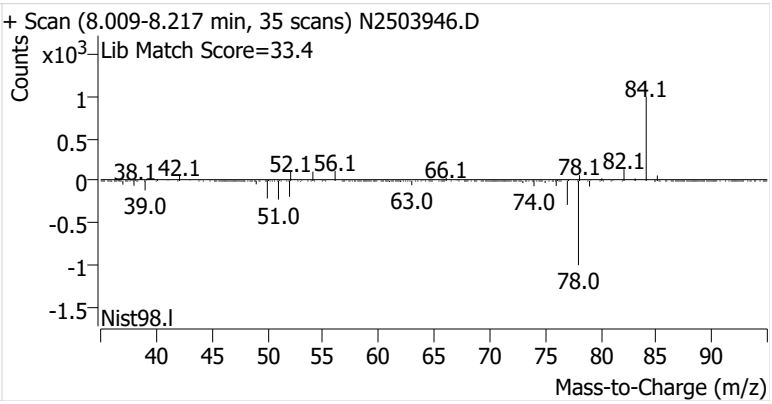
Benzene-d6 (IS)



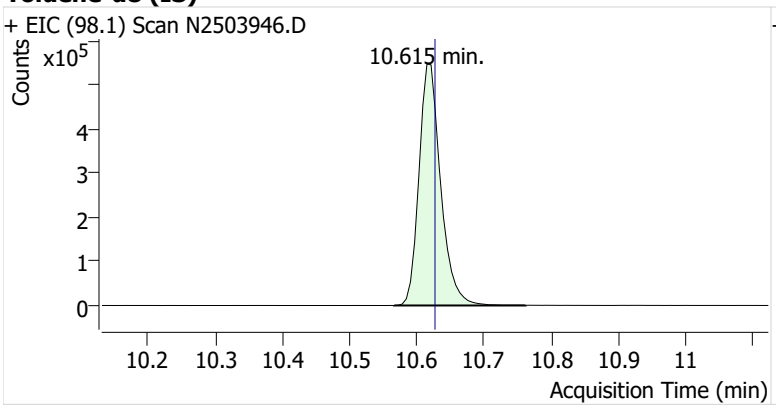


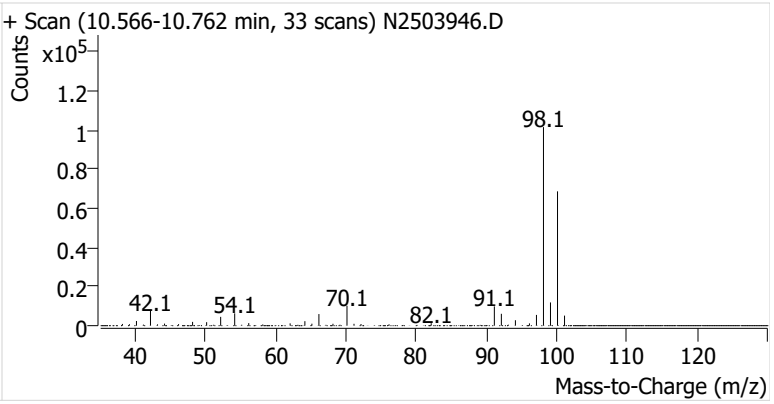
Benzene



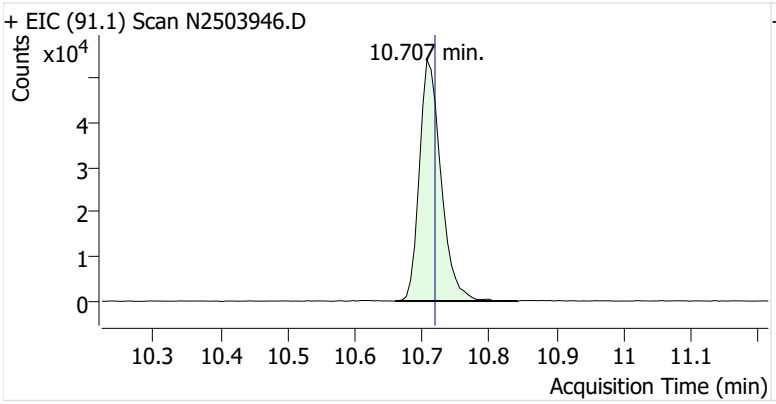


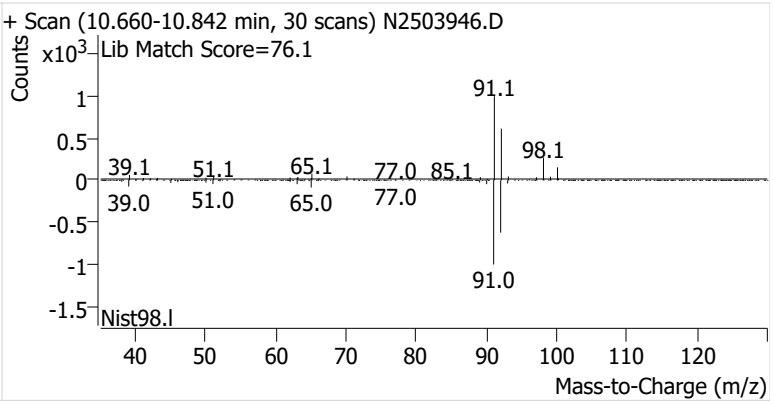
Toluene-d8 (IS)



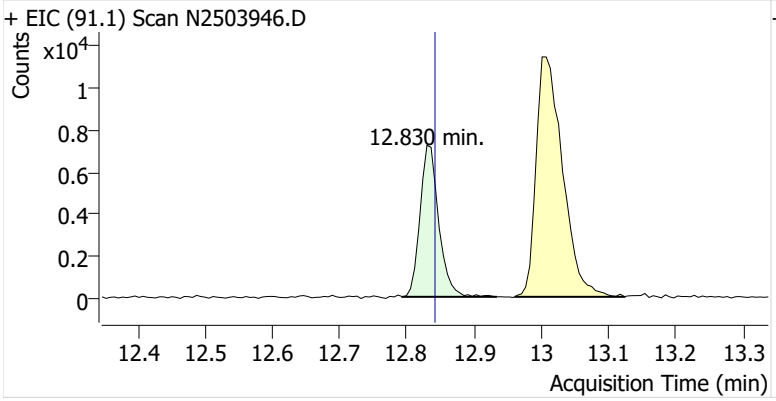


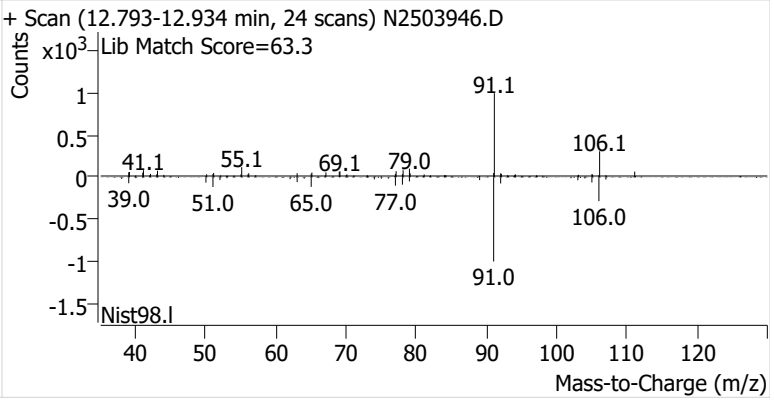
Toluene



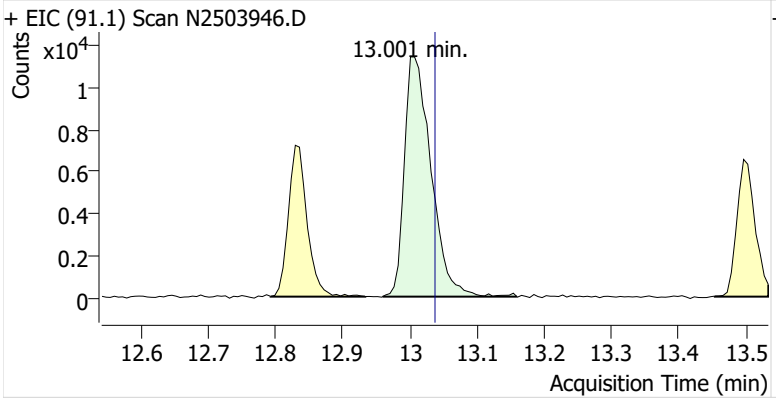


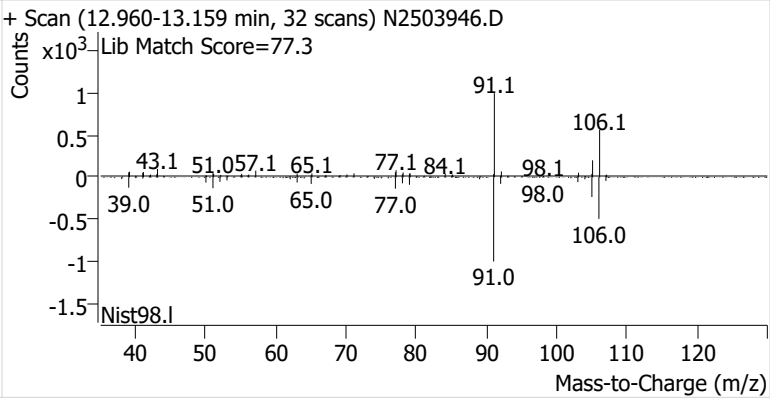
Ethylbenzene



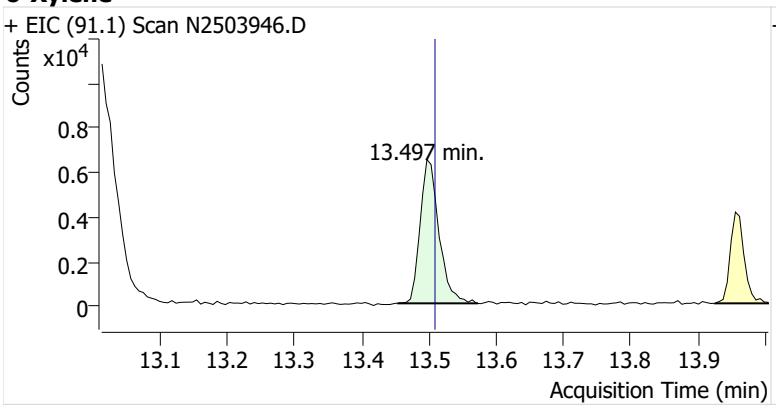


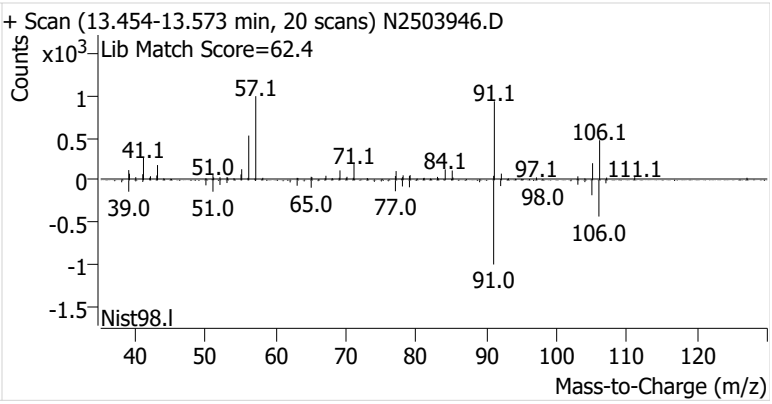
m-/p-Xylenes





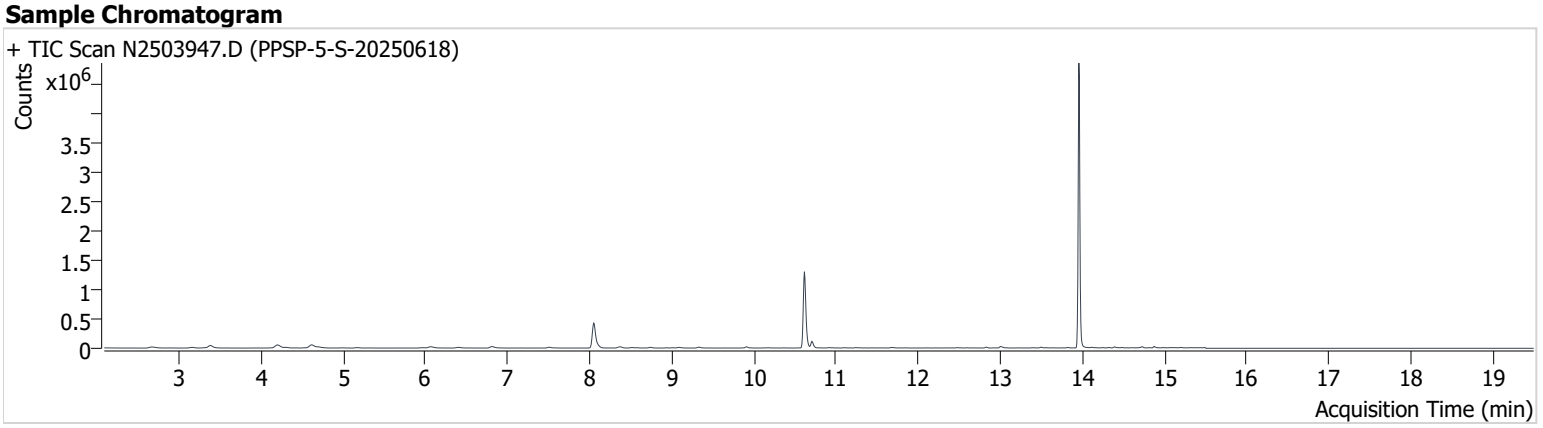
o-Xylene


+ EIC (91.1) Scan N2503946.D
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.497 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9
Acquisition Time (min)


+ Scan (13.454-13.573 min, 20 scans) N2503946.D
Counts
x10^3
Lib Match Score=62.4
1
0.5
0
-0.5
-1
-1.5
57.1
91.1
106.1
41.1
51.0
71.1
84.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

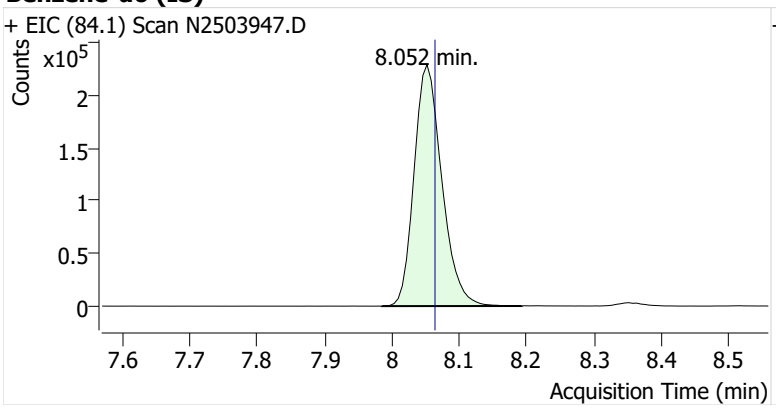
Name	PPSP-5-S-20250618
Comment	C01683
Data File	N2503947.D
Acq. Date-Time	7/8/2025 9:50:34 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

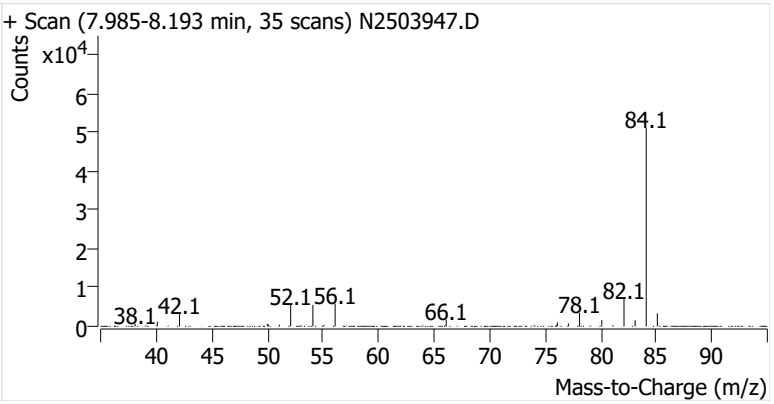
Sample Chromatogram



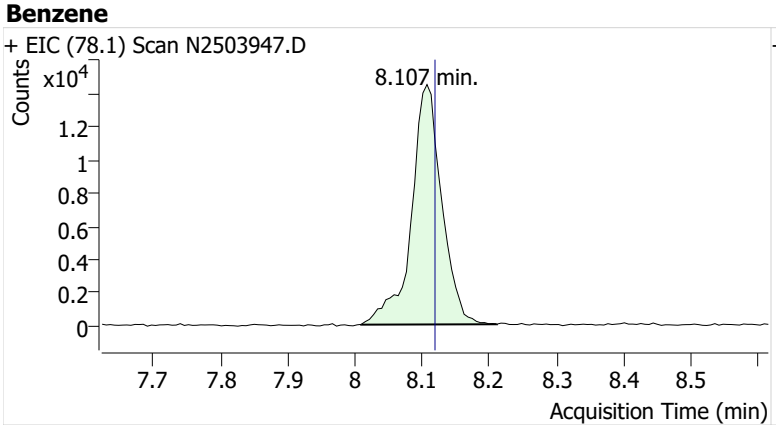
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	657,159	
Benzene	Benzene-d6 (IS)	8.107	8.119	45,396	
Toluene-d8 (IS)		10.615	10.627	1,149,907	
Toluene	Toluene-d8 (IS)	10.707	10.719	101,075	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	11,172	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	22,760	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	8,698	

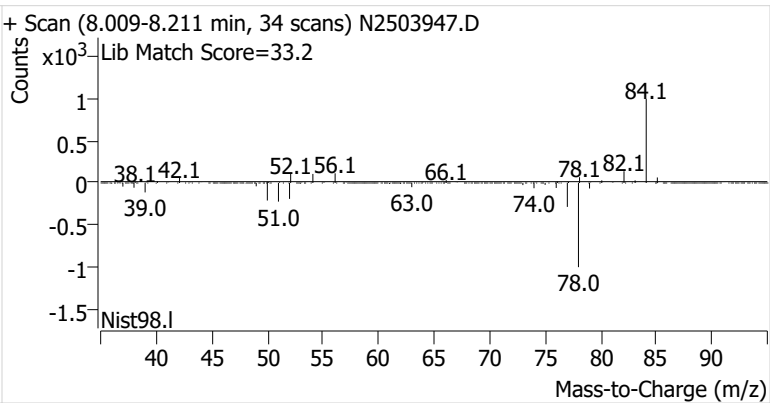
Benzene-d6 (IS)



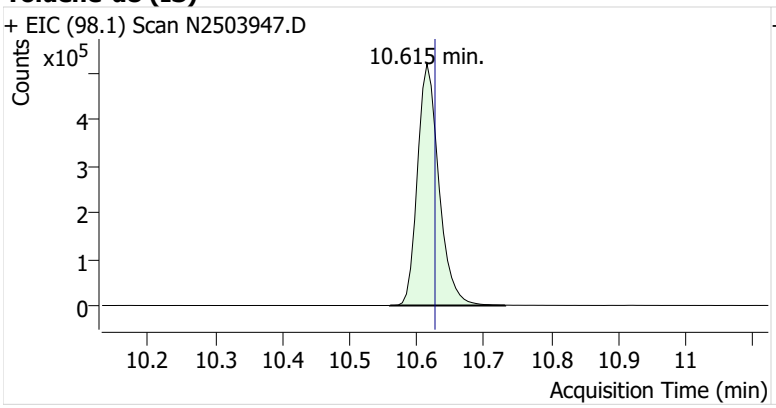


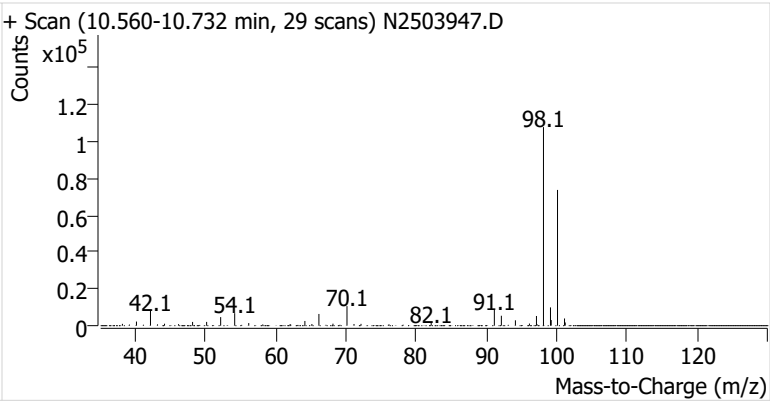
Benzene



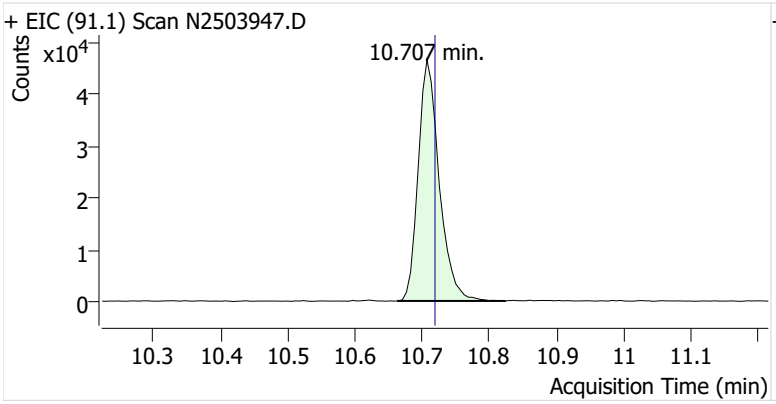


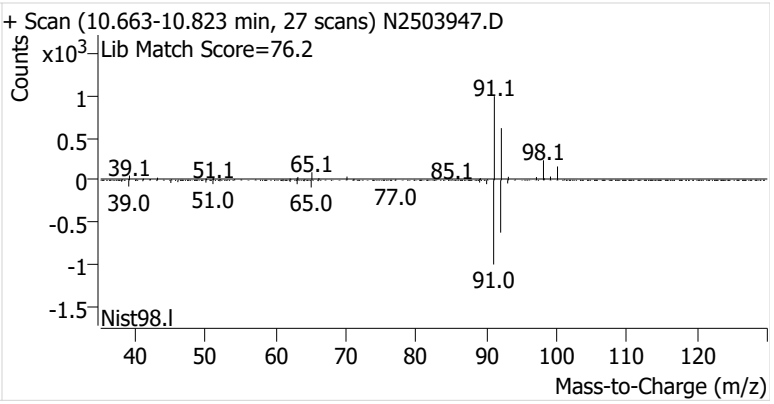
Toluene-d8 (IS)



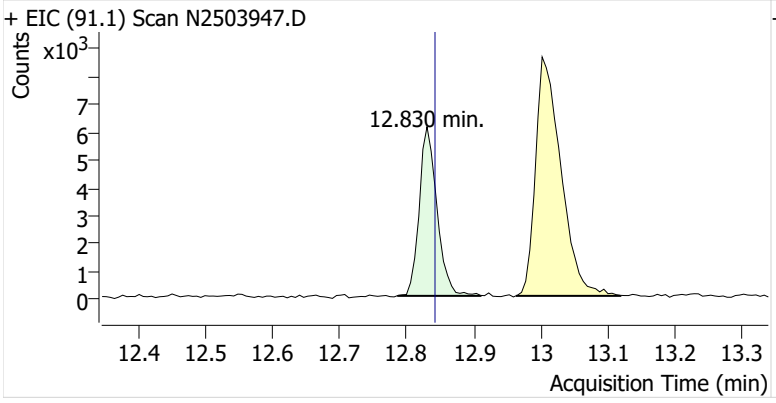


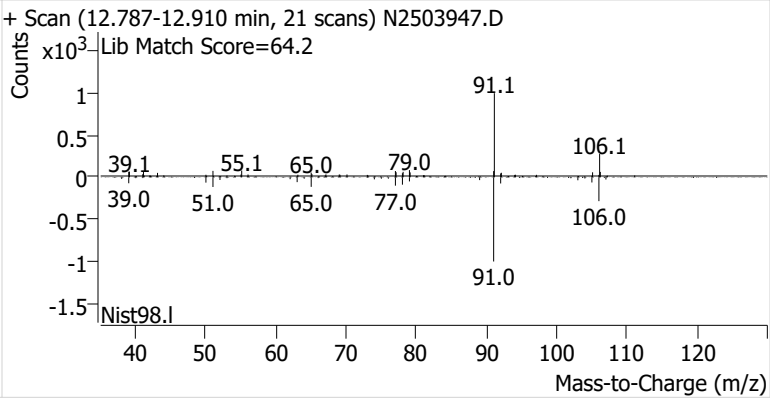
Toluene



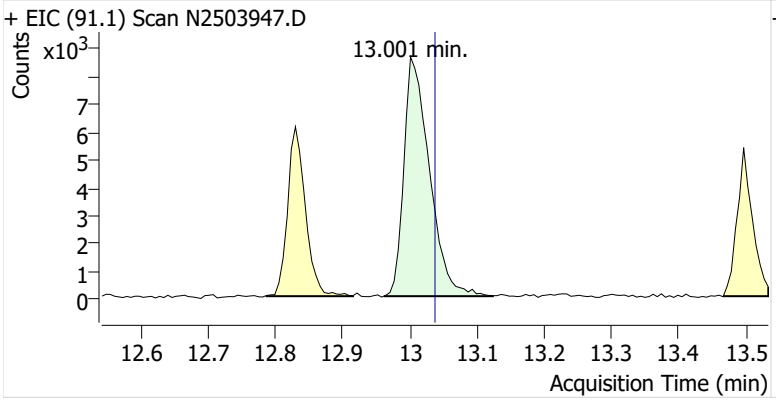


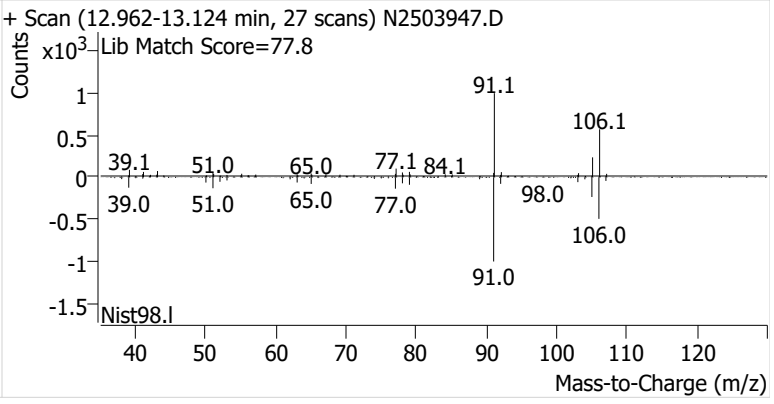
Ethylbenzene



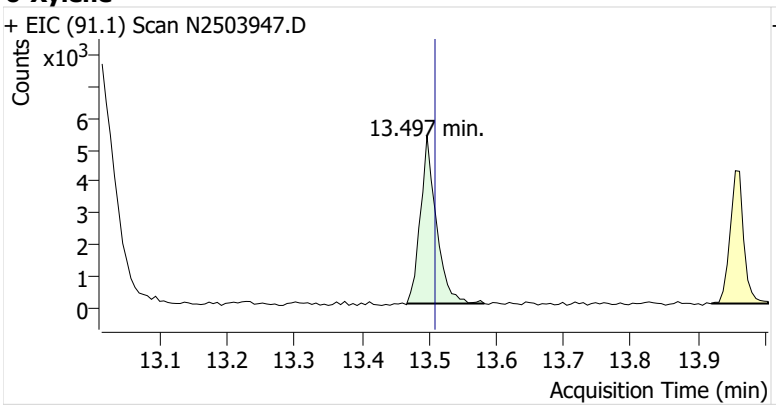


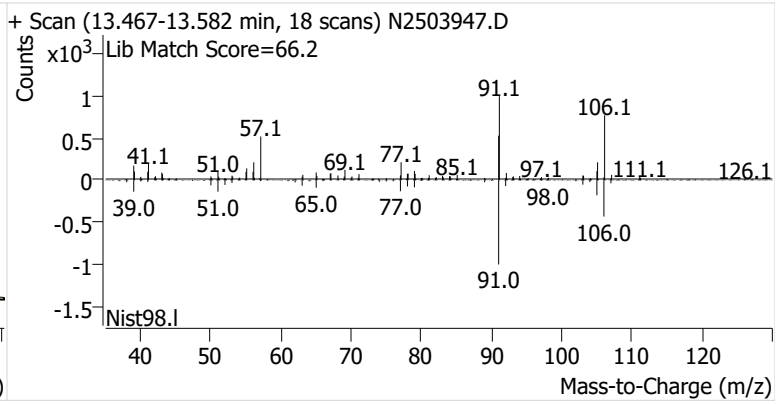
m-/p-Xylenes





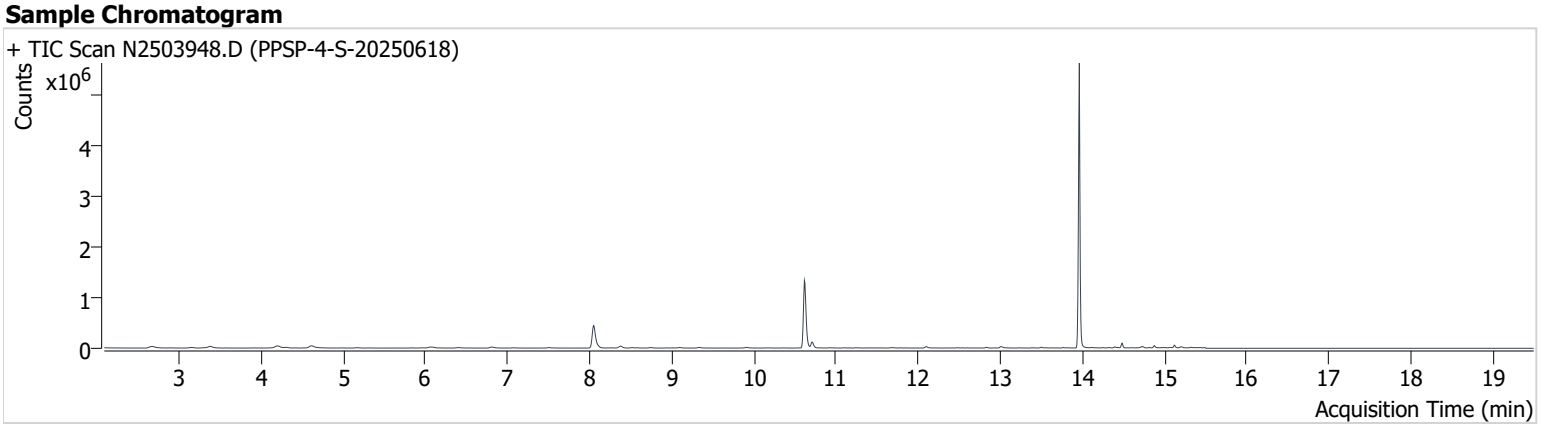
o-Xylene


+ EIC (91.1) Scan N2503947.D
Counts
x10^3
6
5
4
3
2
1
0
13.497 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
Acquisition Time (min)


+ Scan (13.467-13.582 min, 18 scans) N2503947.D
Counts
x10^3
Lib Match Score=66.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
57.1
41.1
51.0
69.1
77.1
85.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

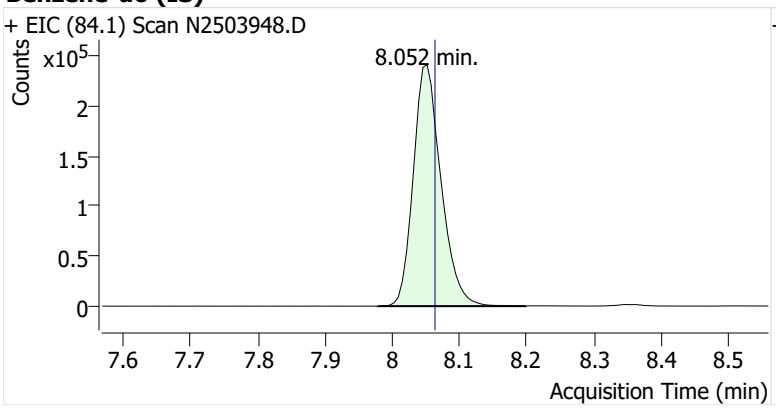
Name	PPSP-4-S-20250618
Comment	C43296
Data File	N2503948.D
Acq. Date-Time	7/8/2025 10:30:29 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

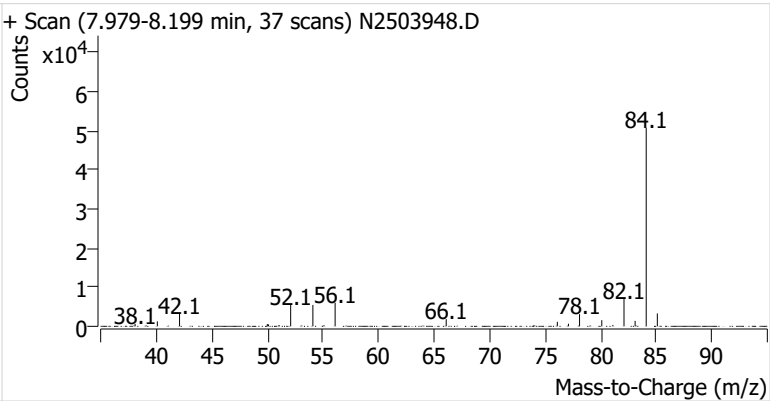
Sample Chromatogram



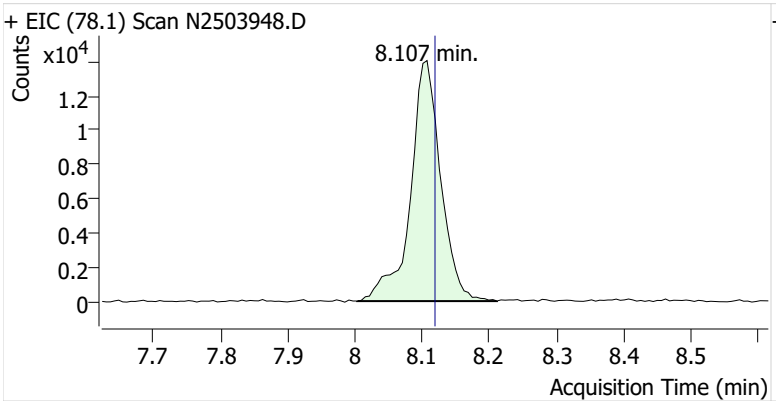
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	690,450	
Benzene	Benzene-d6 (IS)	8.107	8.119	43,787	
Toluene-d8 (IS)		10.615	10.627	1,188,768	
Toluene	Toluene-d8 (IS)	10.707	10.719	111,499	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	11,426	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	26,730	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	10,336	

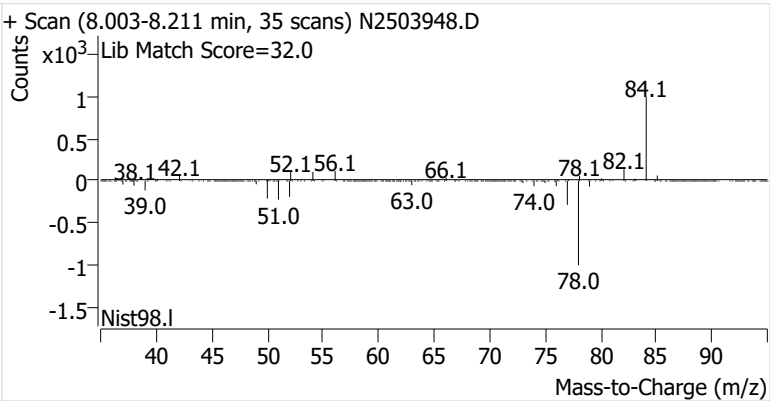
Benzene-d6 (IS)



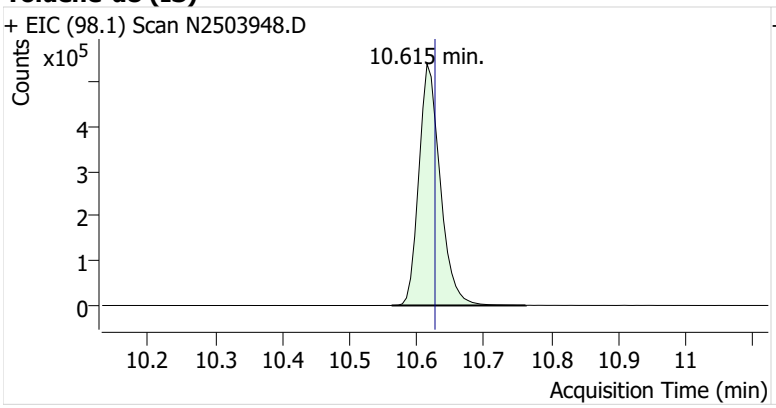


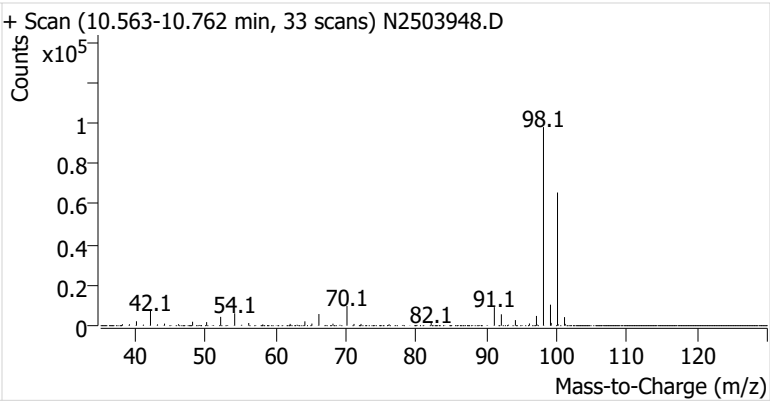
Benzene



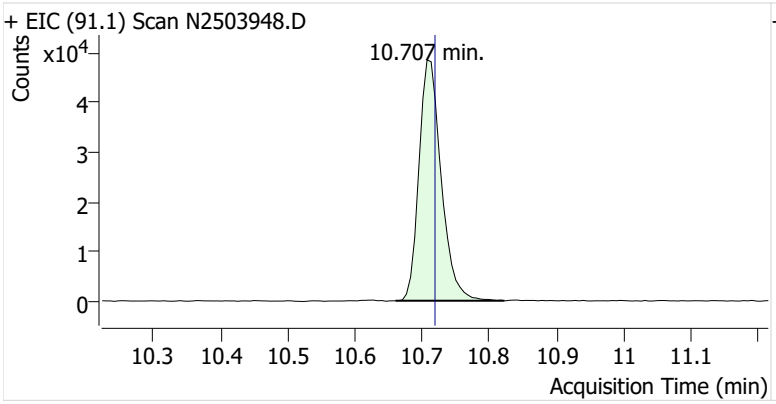


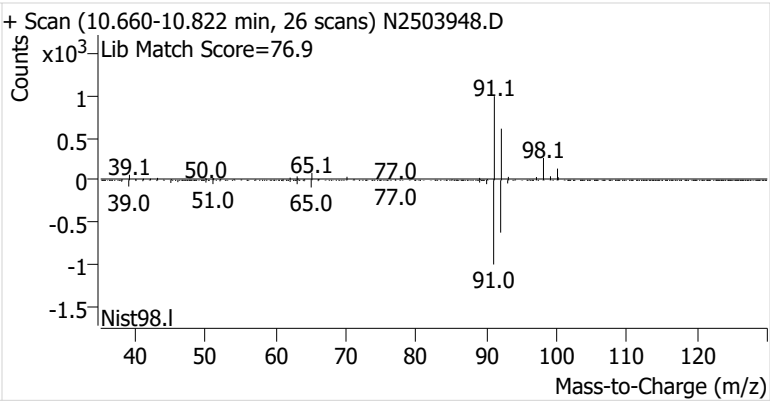
Toluene-d8 (IS)



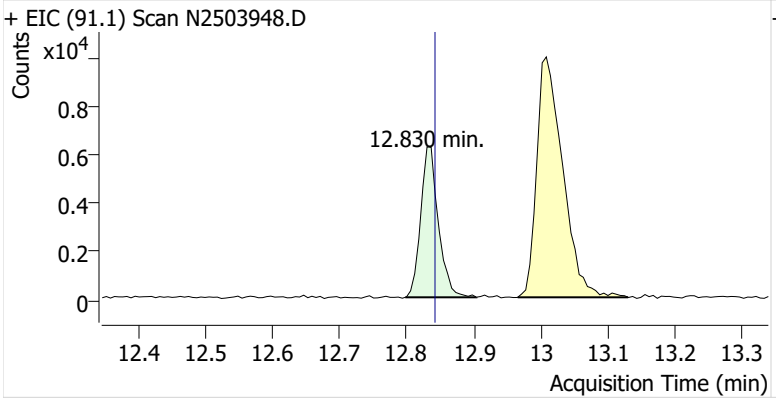


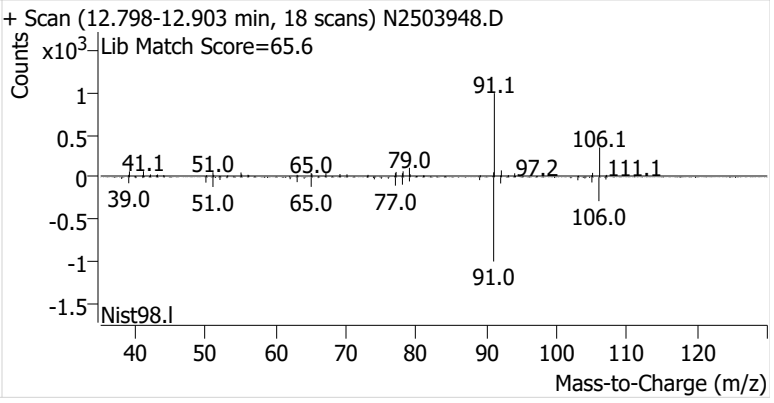
Toluene



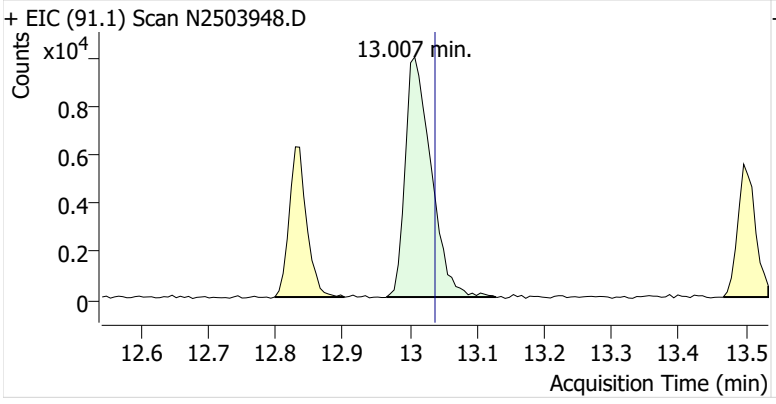


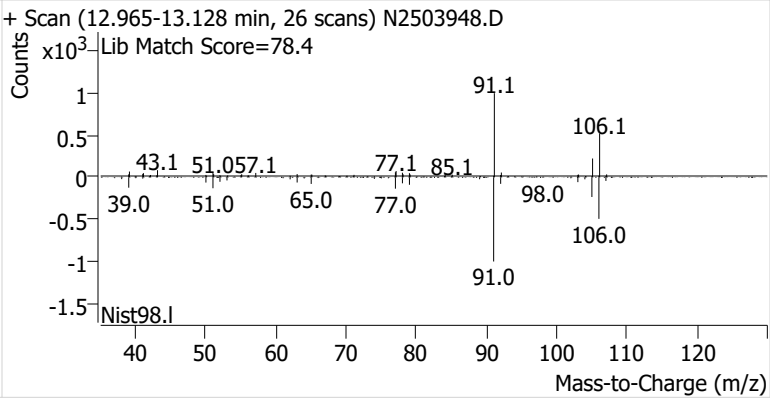
Ethylbenzene



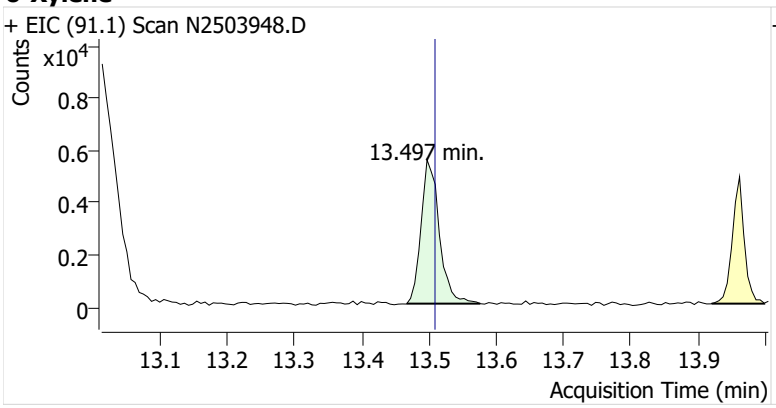


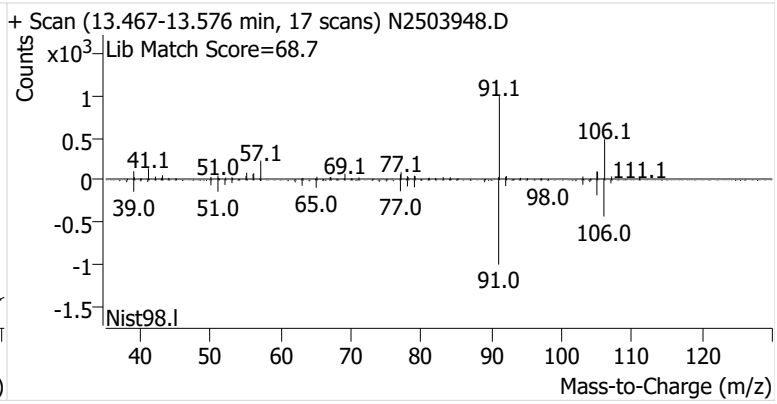
m-/p-Xylenes





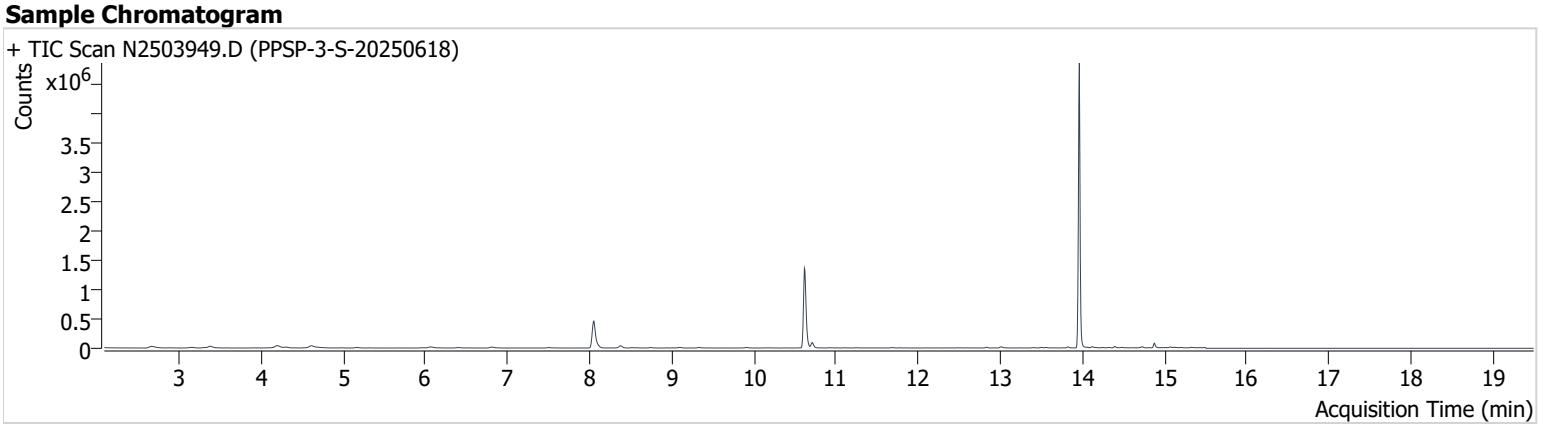
o-Xylene


+ EIC (91.1) Scan N2503948.D
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.497 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
Acquisition Time (min)


+ Scan (13.467-13.576 min, 17 scans) N2503948.D
Counts
x10^3
Lib Match Score=68.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
51.0
57.1
69.1
77.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

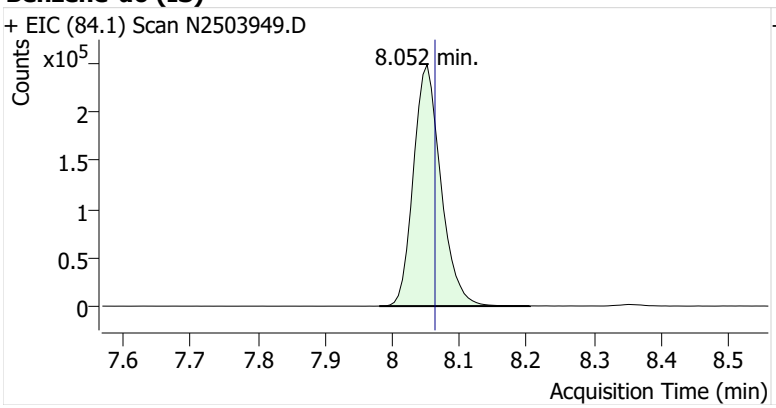
Name	PPSP-3-S-20250618
Comment	C16072
Data File	N2503949.D
Acq. Date-Time	7/8/2025 11:10:23 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

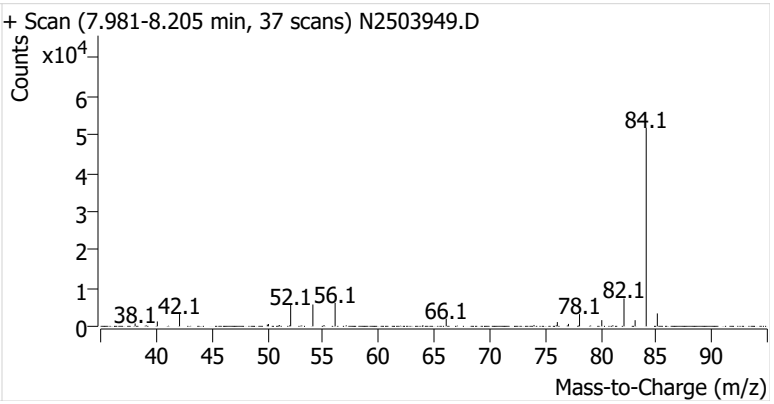
Sample Chromatogram



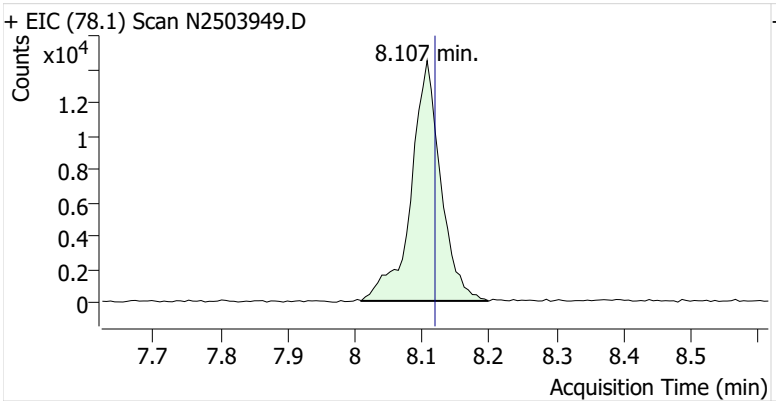
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	702,994	
Benzene	Benzene-d6 (IS)	8.107	8.119	44,377	
Toluene-d8 (IS)		10.616	10.627	1,197,006	
Toluene	Toluene-d8 (IS)	10.713	10.719	83,435	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	10,347	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	17,456	
o-Xylene	Toluene-d8 (IS)	13.503	13.509	7,047	

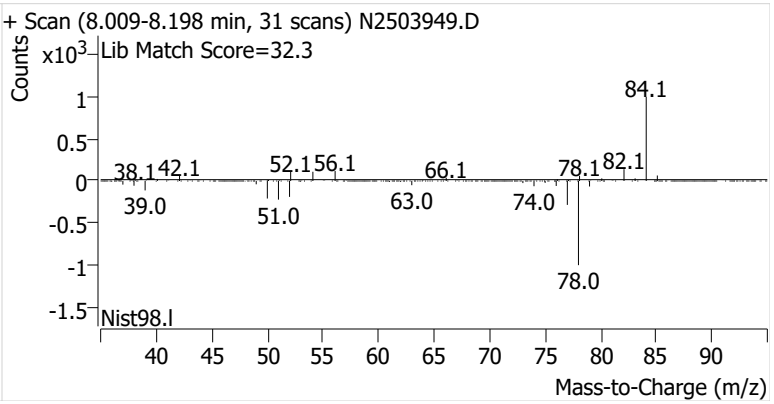
Benzene-d6 (IS)



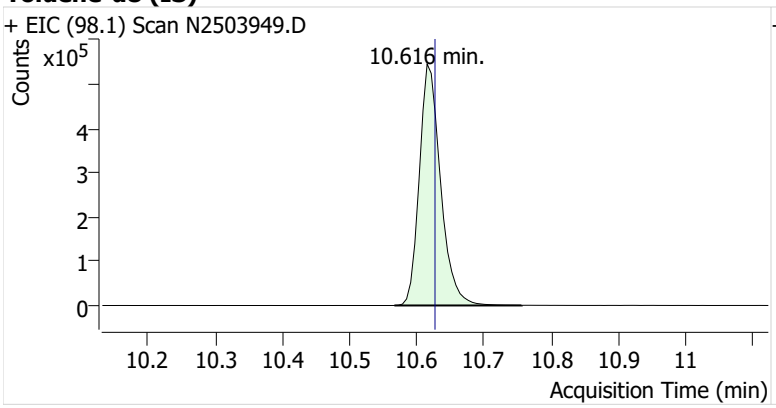


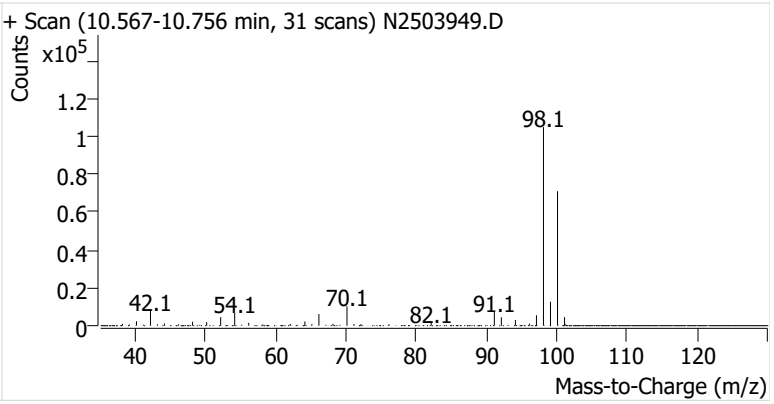
Benzene



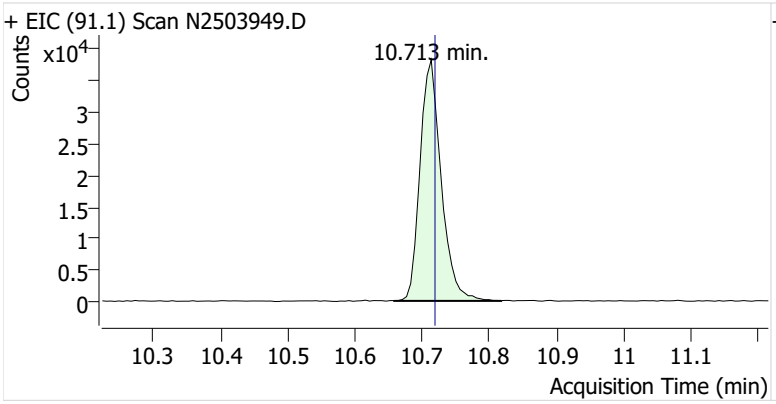


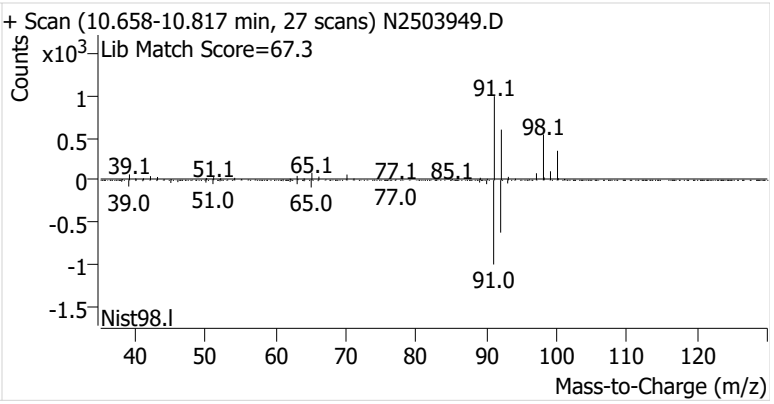
Toluene-d8 (IS)



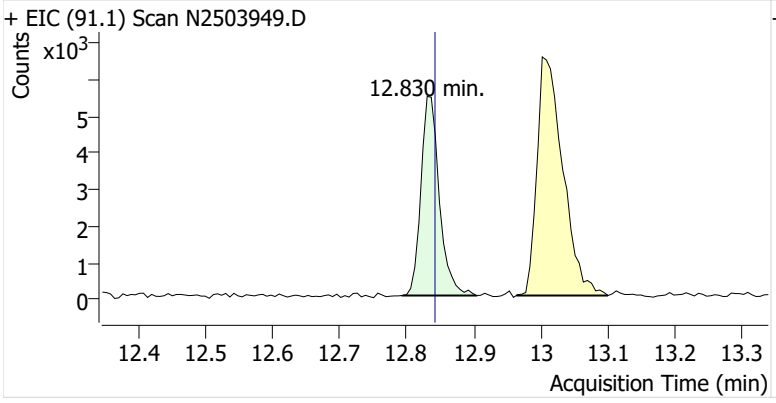


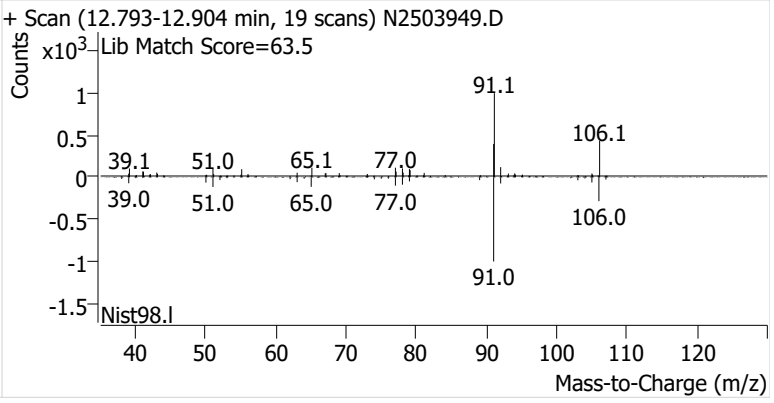
Toluene



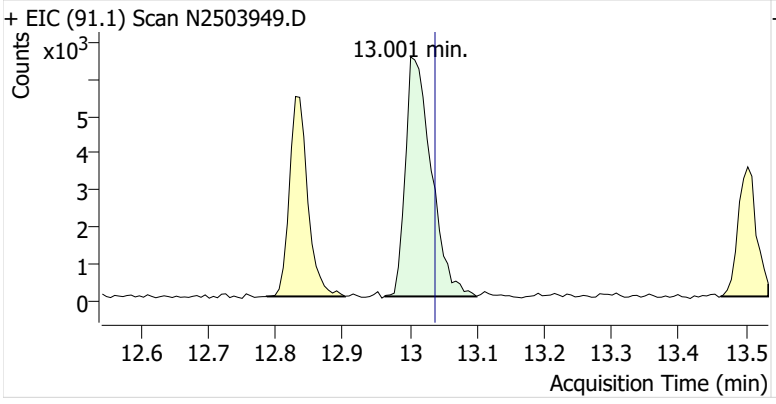


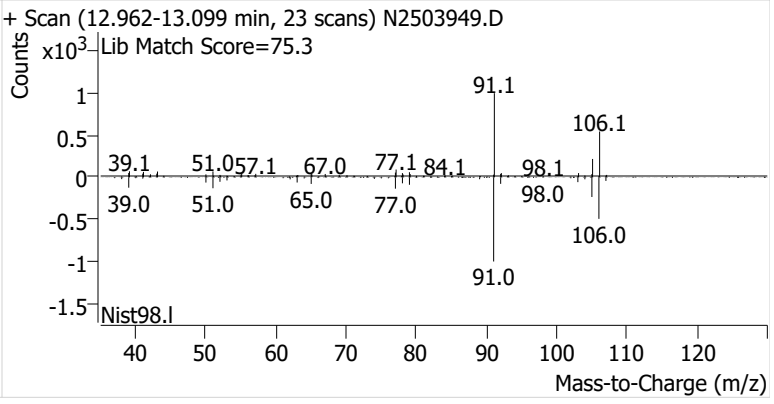
Ethylbenzene



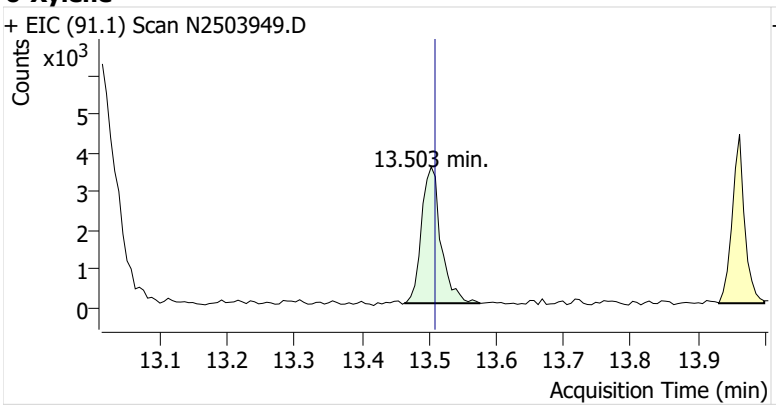


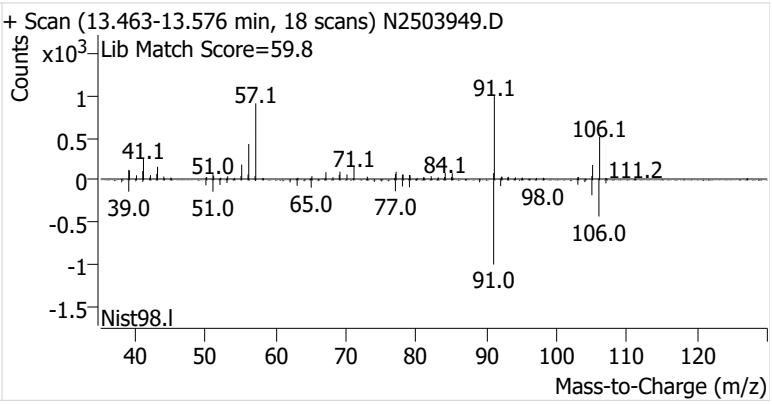
m-/p-Xylenes





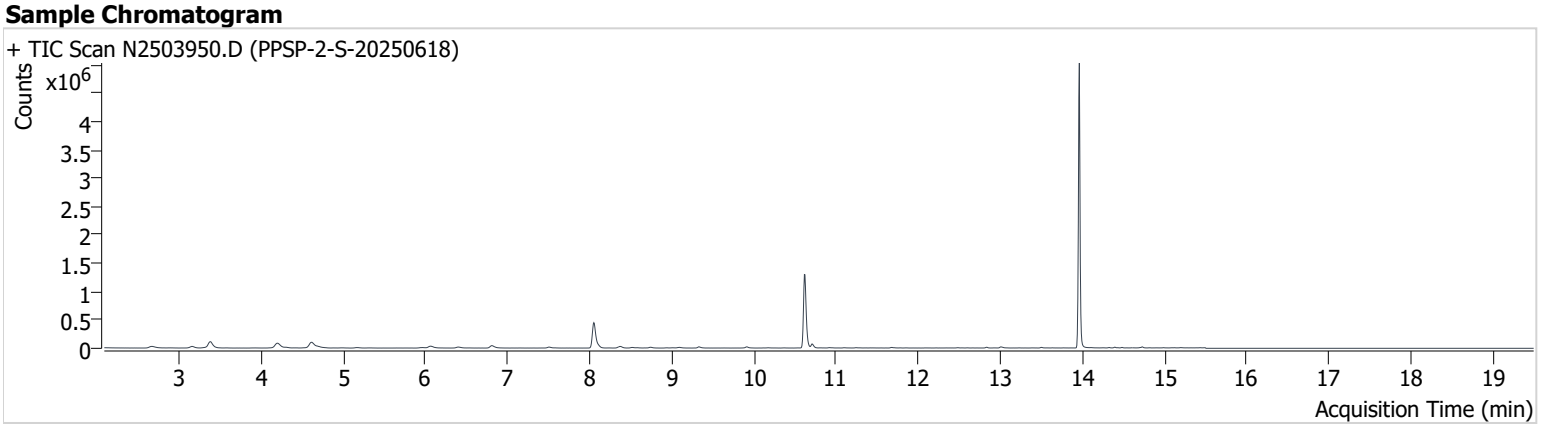
o-Xylene


+ EIC (91.1) Scan N2503949.D
Counts
x10^3
13.503 min.
Acquisition Time (min)


+ Scan (13.463-13.576 min, 18 scans) N2503949.D
Lib Match Score=59.8
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

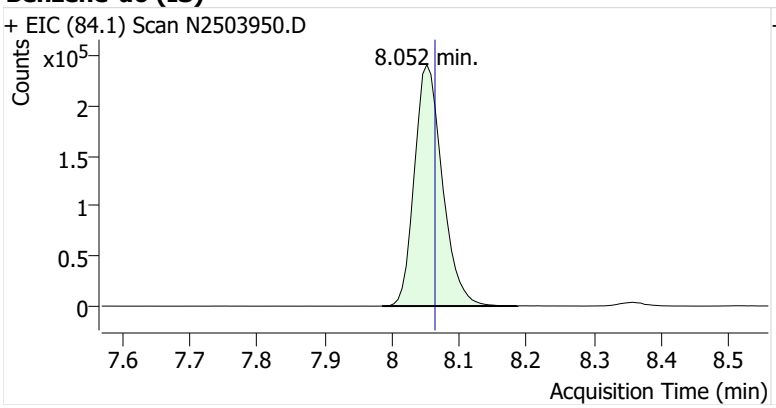
Name	PPSP-2-S-20250618
Comment	B46105
Data File	N2503950.D
Acq. Date-Time	7/8/2025 11:50:17 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

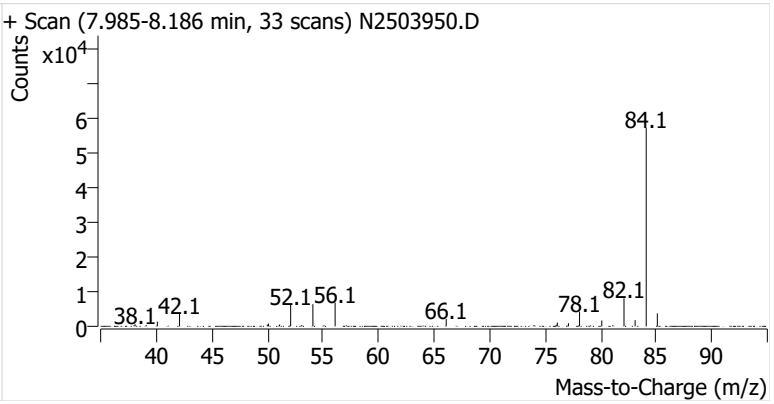
Sample Chromatogram



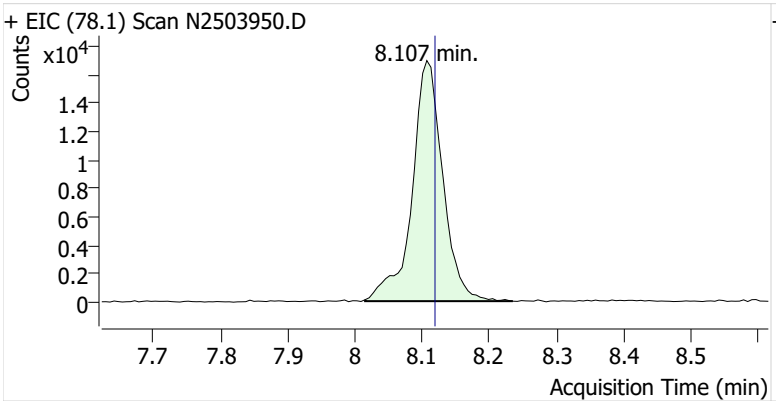
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	694,969	
Benzene	Benzene-d6 (IS)	8.107	8.119	53,566	
Toluene-d8 (IS)		10.615	10.627	1,177,437	
Toluene	Toluene-d8 (IS)	10.707	10.719	63,309	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	9,884	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	17,720	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	7,144	

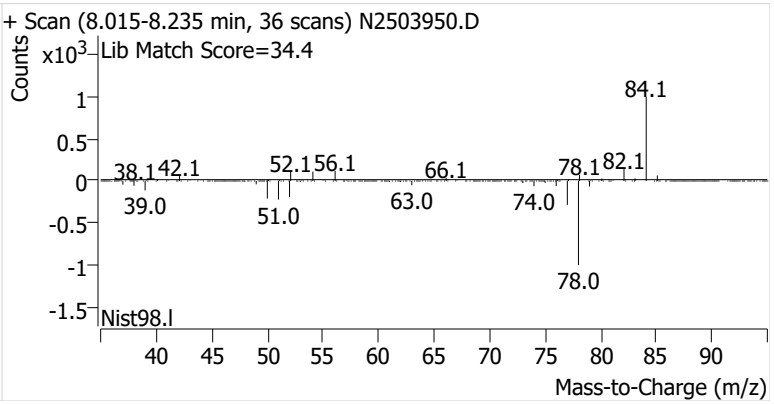
Benzene-d6 (IS)



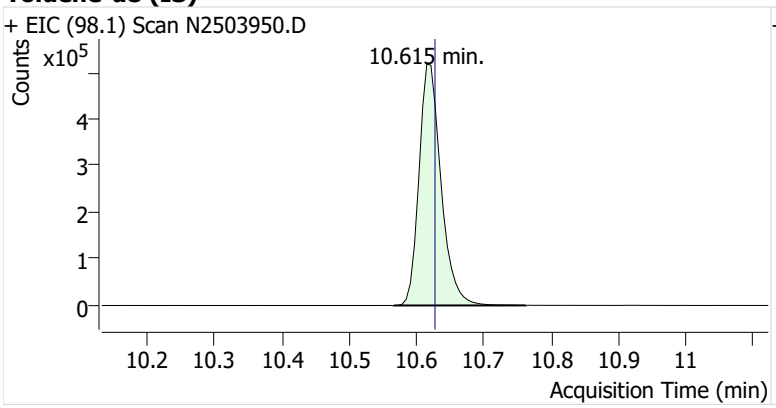


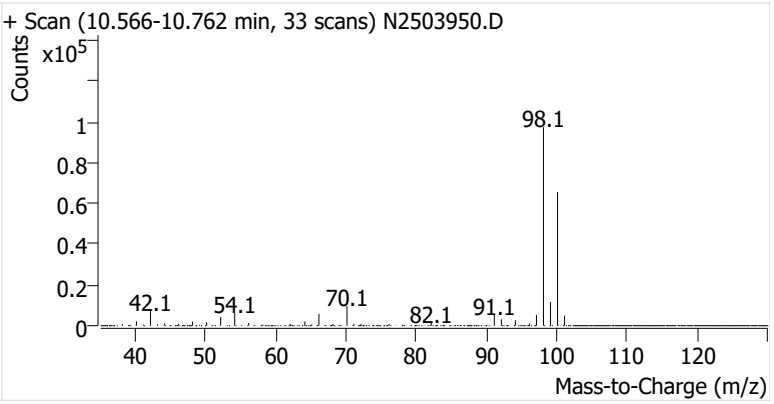
Benzene



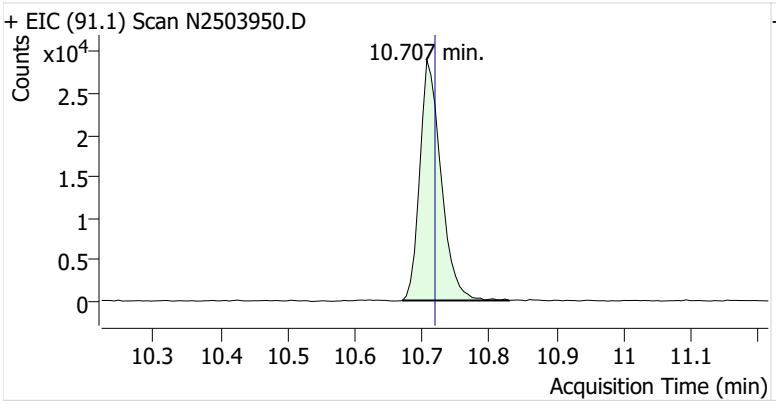


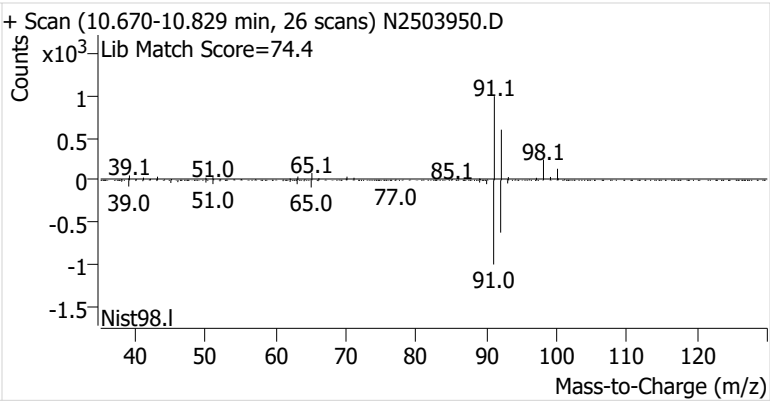
Toluene-d8 (IS)



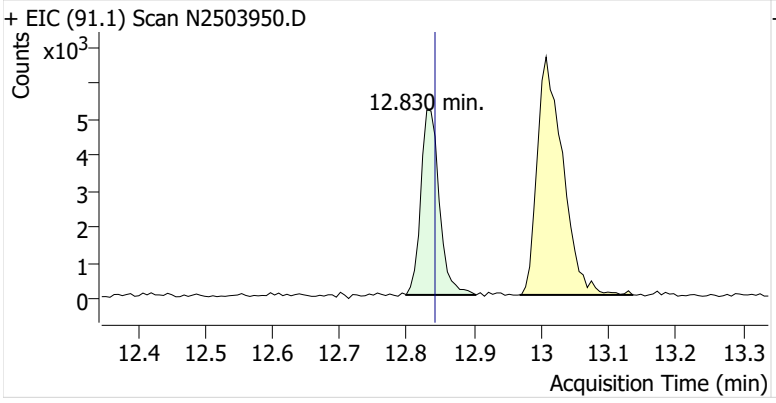


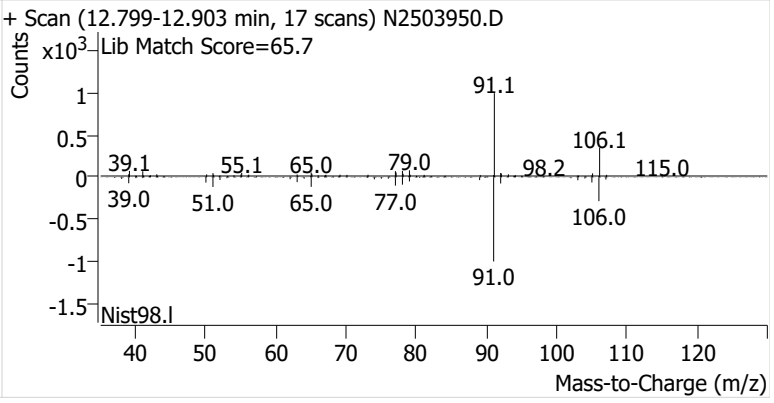
Toluene



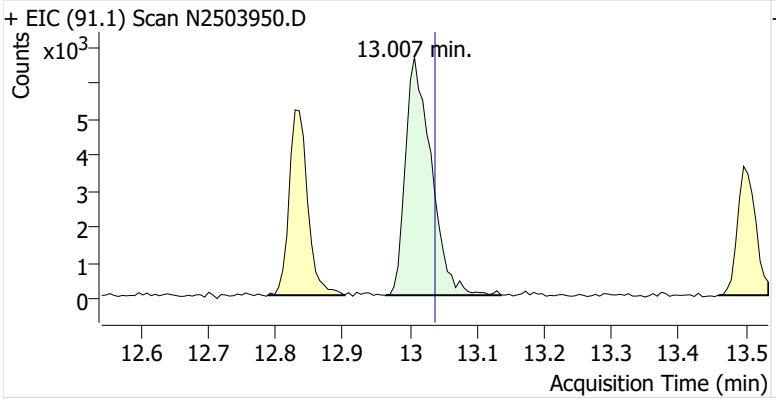


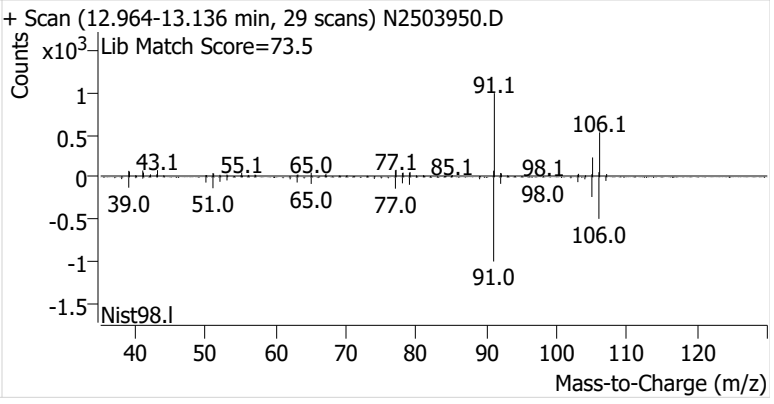
Ethylbenzene



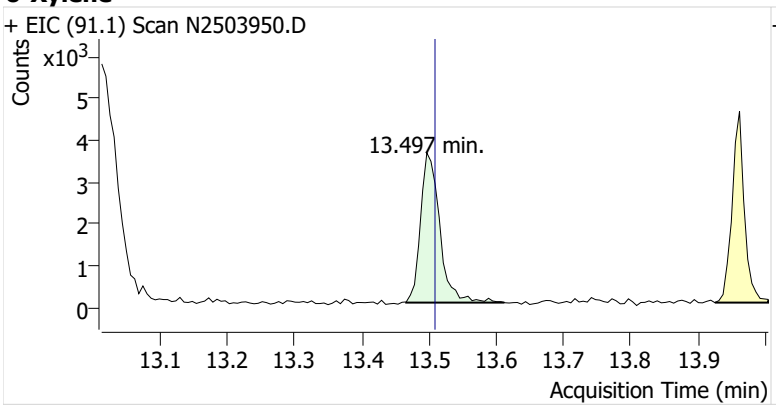


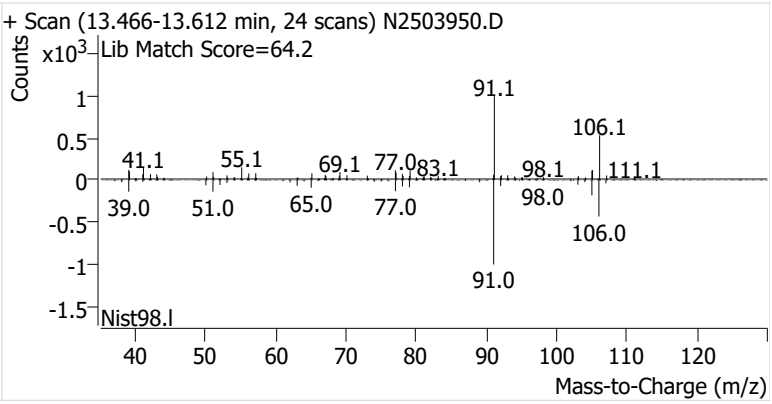
m-/p-Xylenes





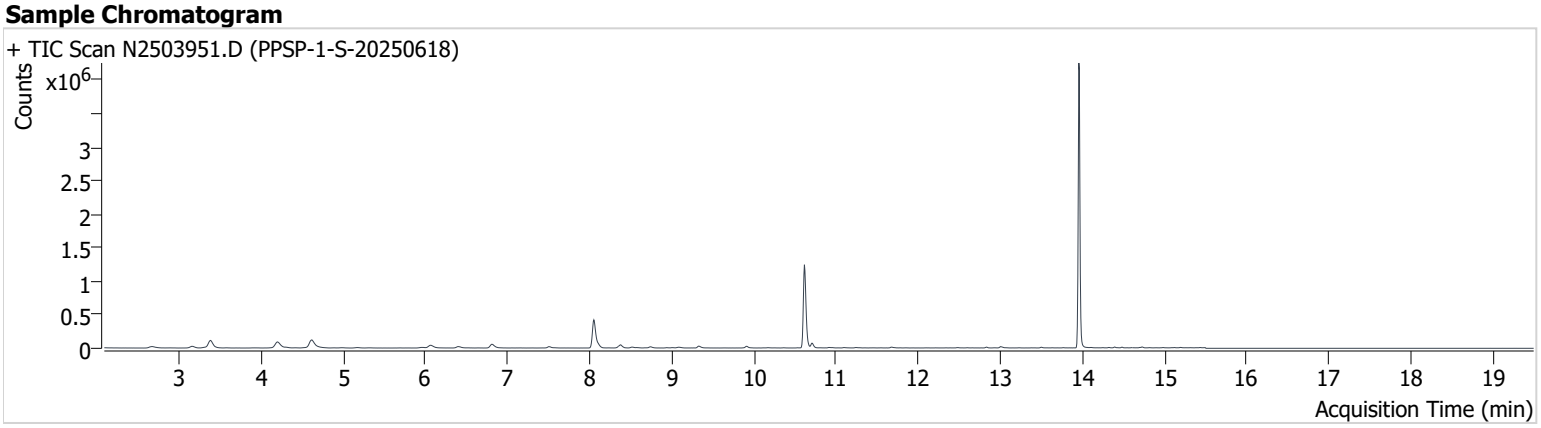
o-Xylene


+ EIC (91.1) Scan N2503950.D
Counts
x10^3
5
4
3
2
1
0
13.497 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
Acquisition Time (min)


+ Scan (13.466-13.612 min, 24 scans) N2503950.D
Counts
x10^3
Lib Match Score=64.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.0
83.1
98.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

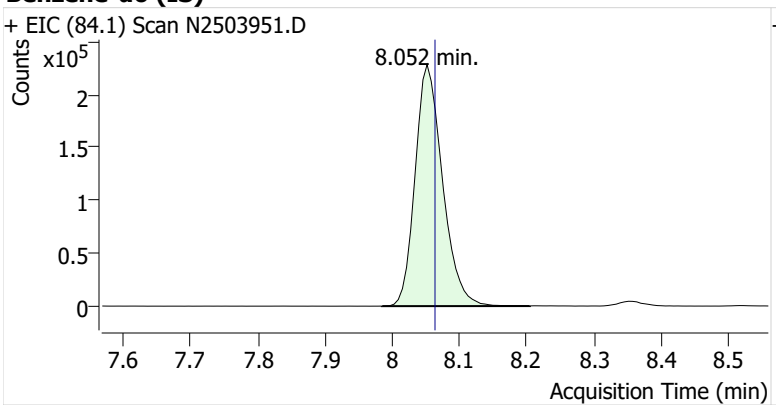
Name	PPSP-1-S-20250618
Comment	C38565
Data File	N2503951.D
Acq. Date-Time	7/9/2025 12:30:11 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

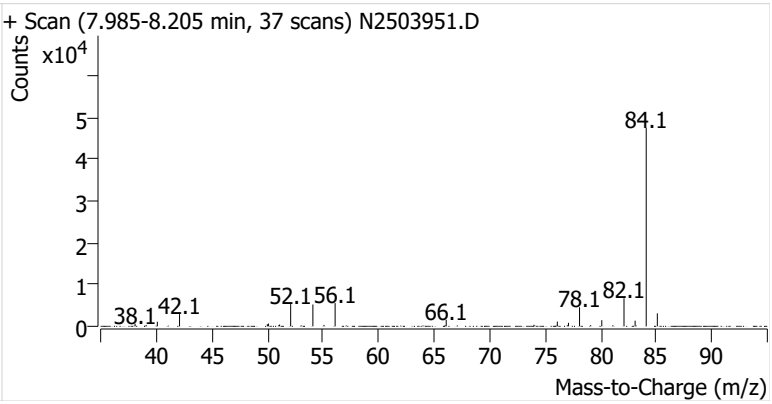
Sample Chromatogram



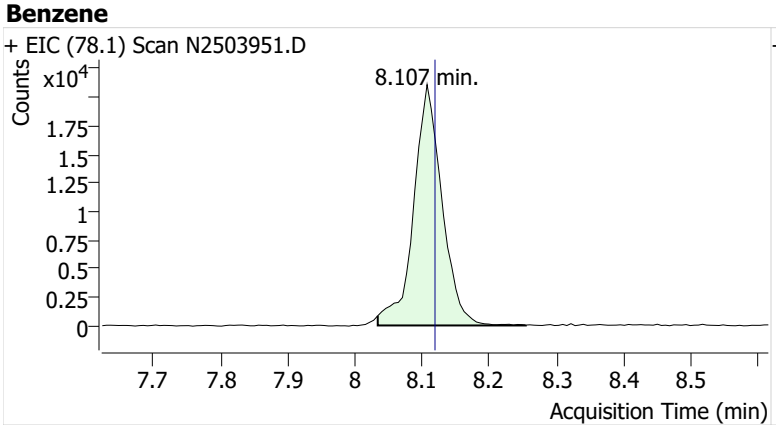
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	645,573	
Benzene	Benzene-d6 (IS)	8.107	8.119	61,755	
Toluene-d8 (IS)		10.615	10.627	1,108,111	
Toluene	Toluene-d8 (IS)	10.707	10.719	64,790	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	9,273	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	17,003	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	6,675	

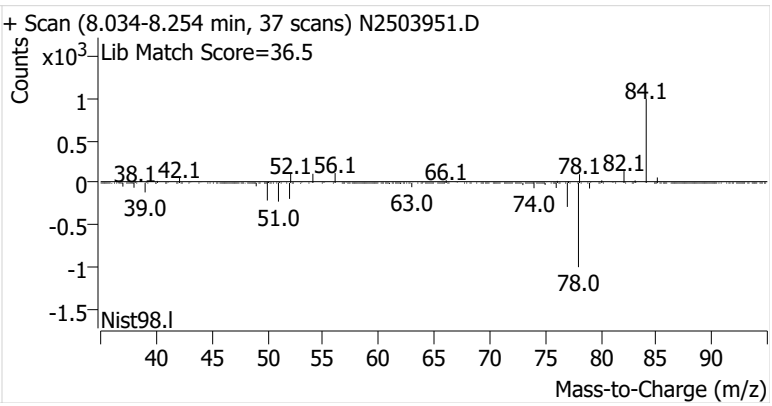
Benzene-d6 (IS)



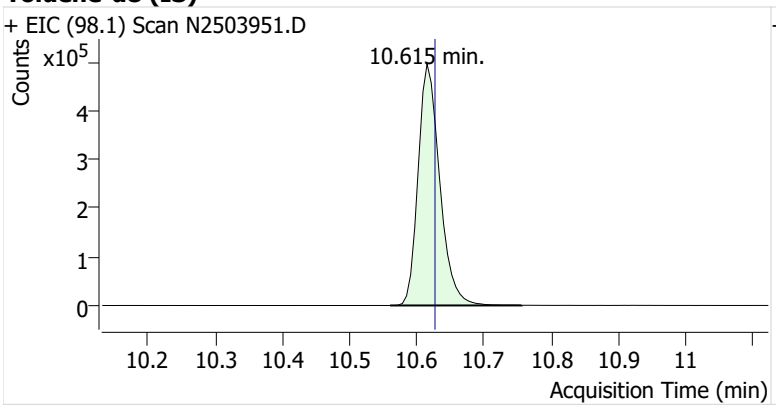


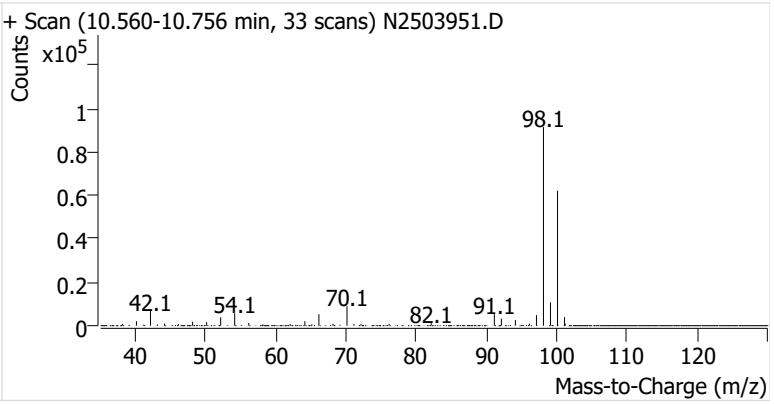
Benzene



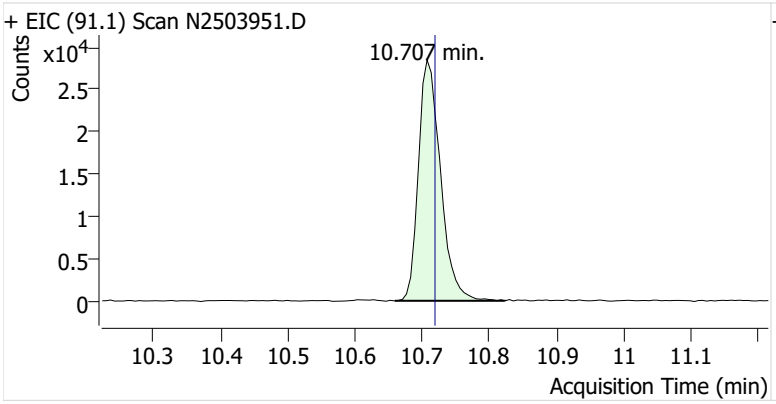


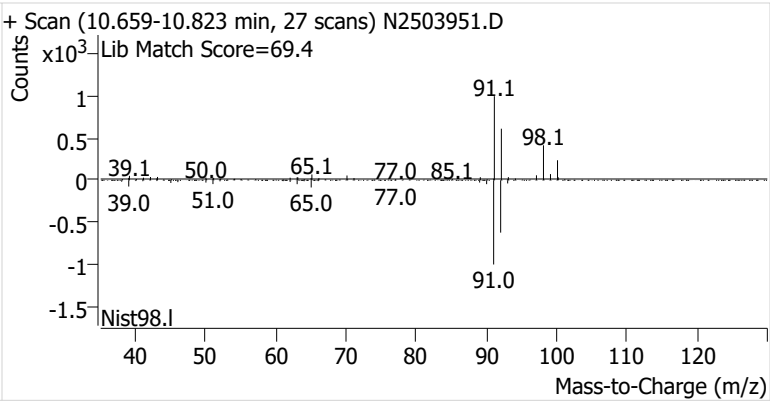
Toluene-d8 (IS)



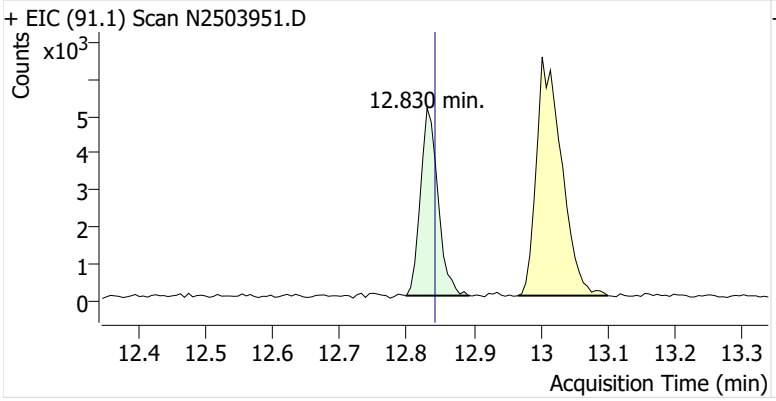


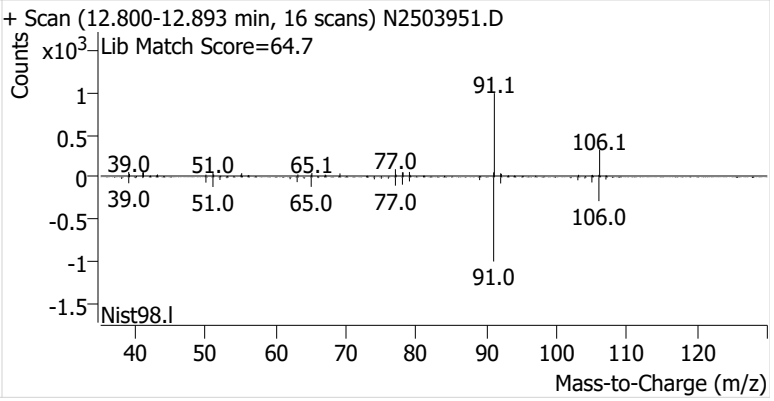
Toluene



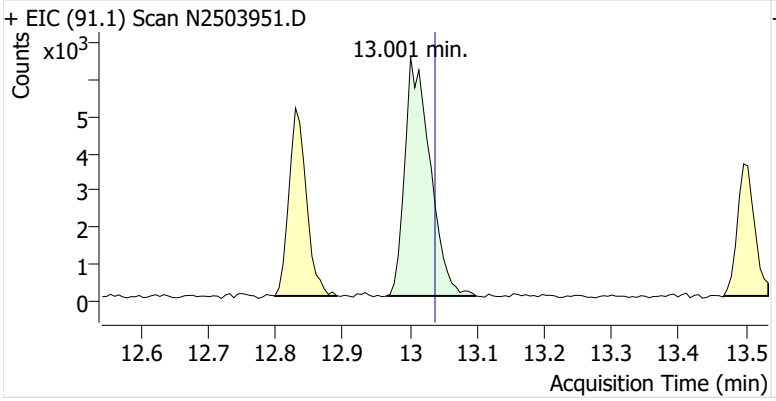


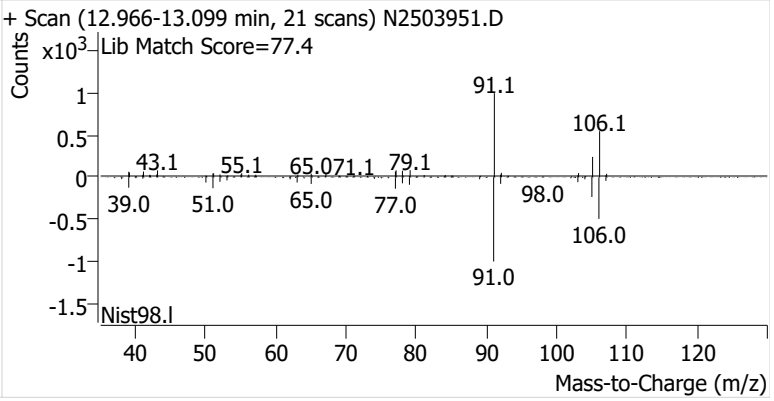
Ethylbenzene



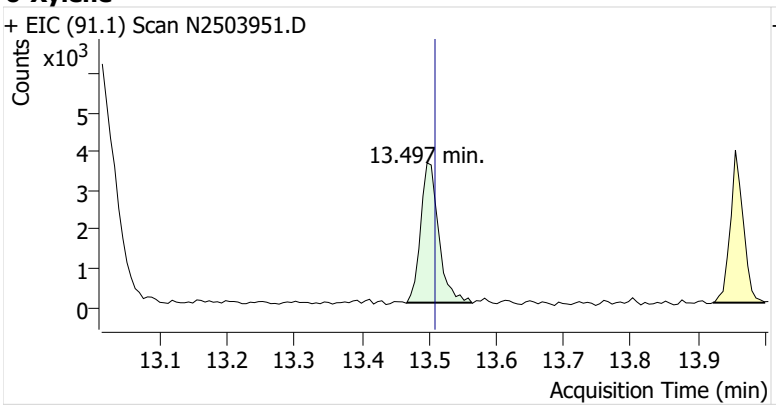


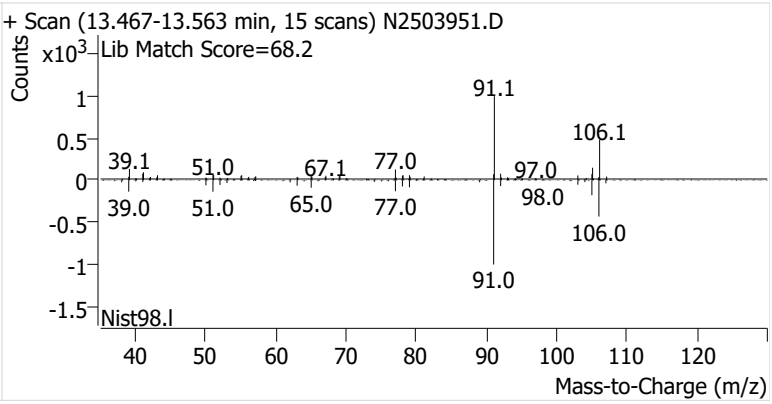
m-/p-Xylenes





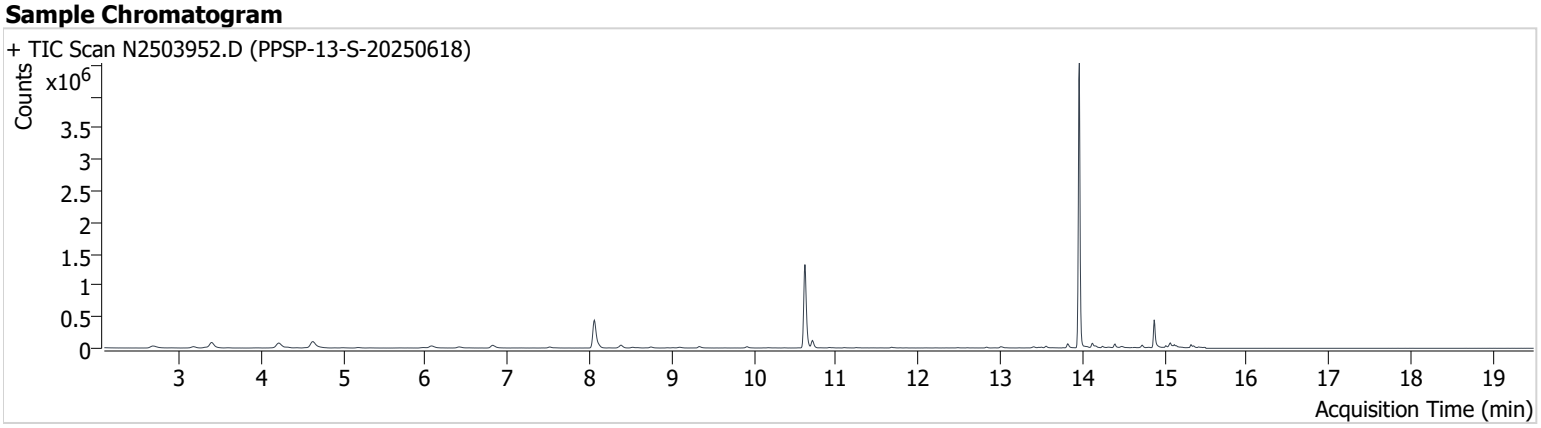
o-Xylene


+ EIC (91.1) Scan N2503951.D
Counts
x10^3
13.497 min.
Acquisition Time (min)


+ Scan (13.467-13.563 min, 15 scans) N2503951.D
Lib Match Score=68.2
Counts
x10^3
91.1
106.1
39.1
51.0
67.1
77.0
97.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

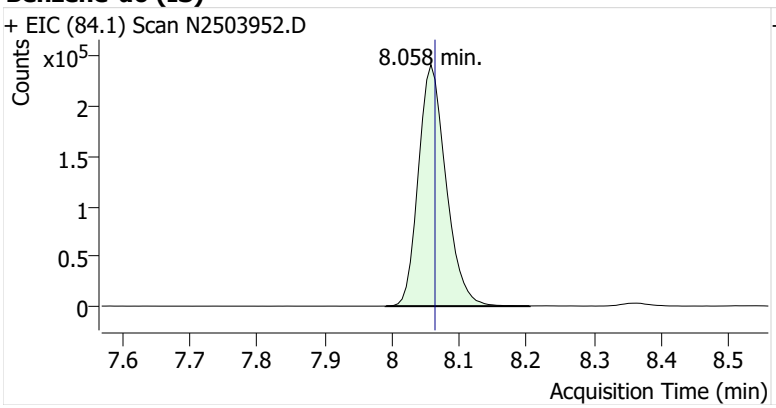
Name	PPSP-13-S-20250618
Comment	C37508
Data File	N2503952.D
Acq. Date-Time	7/9/2025 1:10:08 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

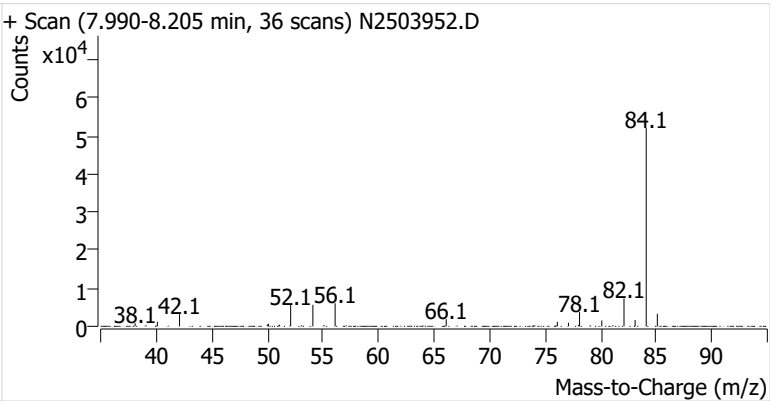
Sample Chromatogram



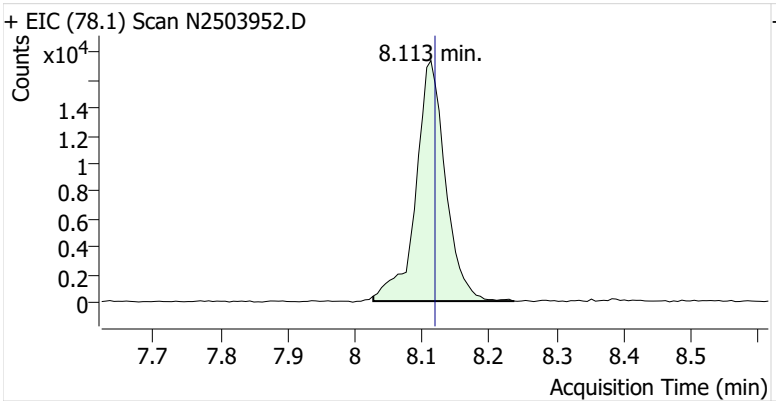
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.058	8.064	688,496	
Benzene	Benzene-d6 (IS)	8.113	8.119	53,097	
Toluene-d8 (IS)		10.621	10.627	1,171,691	
Toluene	Toluene-d8 (IS)	10.713	10.719	110,679	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	10,098	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	18,070	
o-Xylene	Toluene-d8 (IS)	13.503	13.509	6,909	

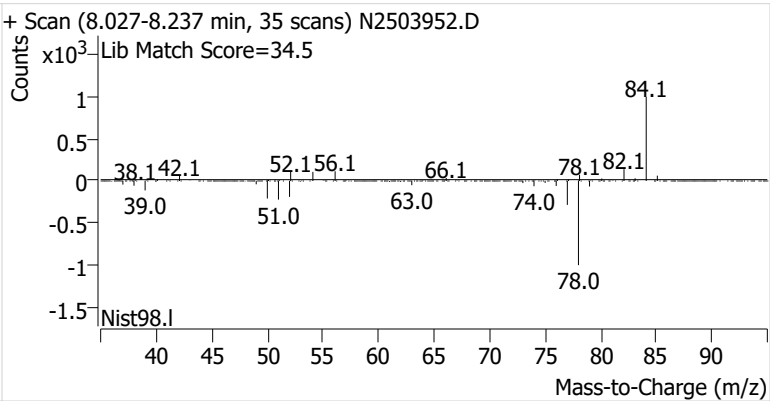
Benzene-d6 (IS)



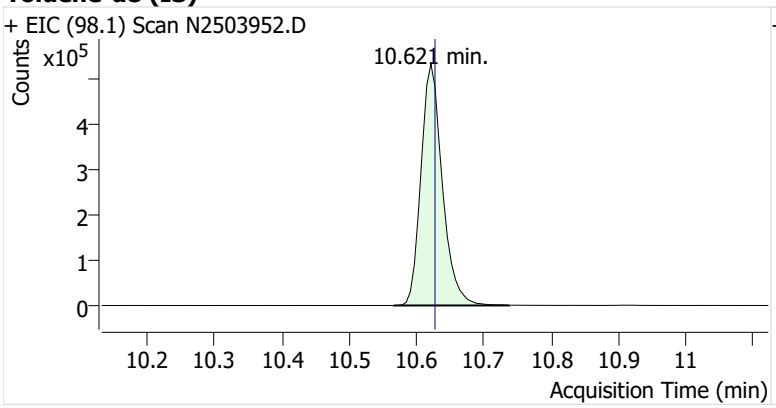


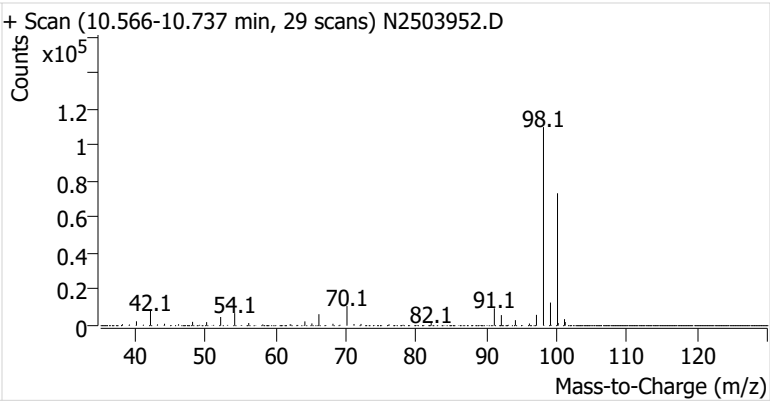
Benzene



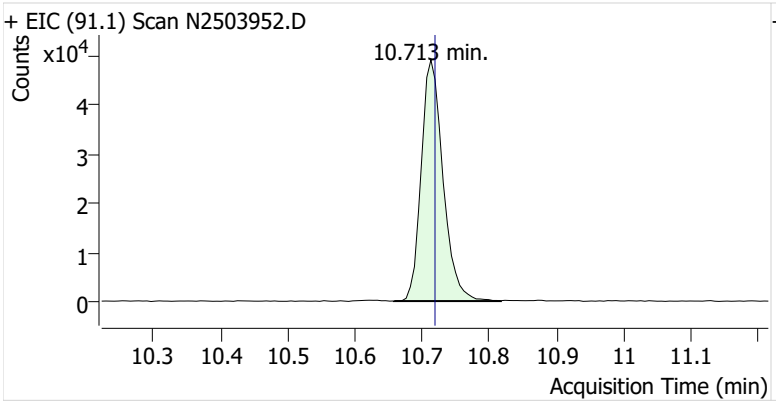


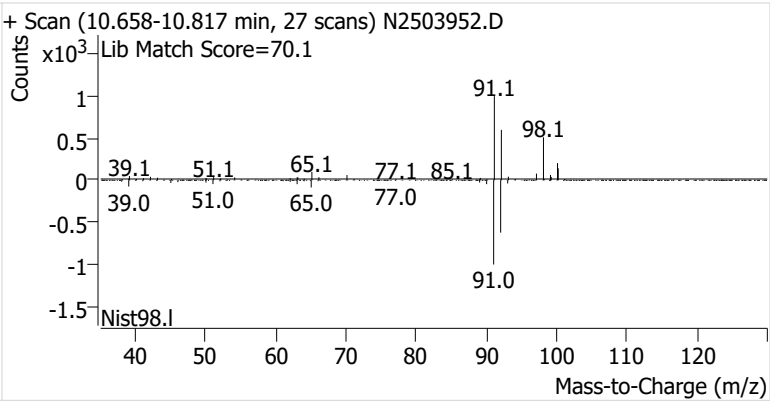
Toluene-d8 (IS)



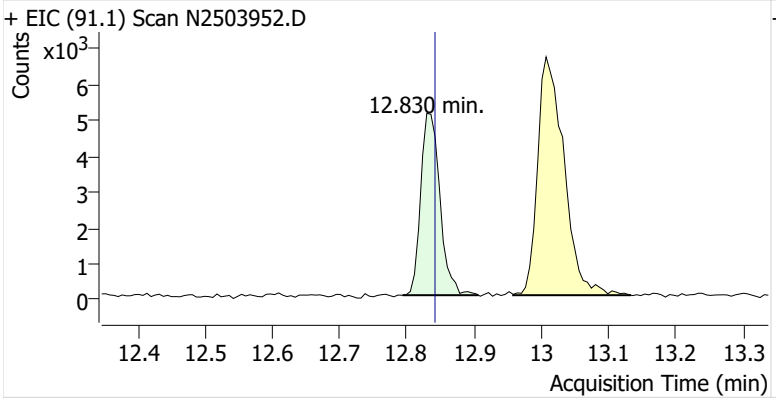


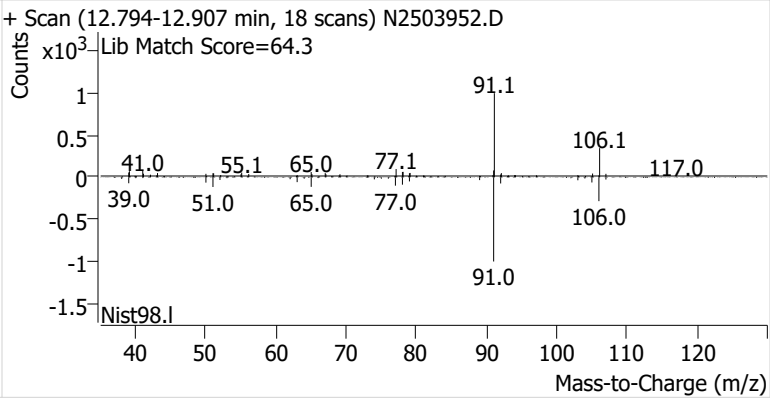
Toluene



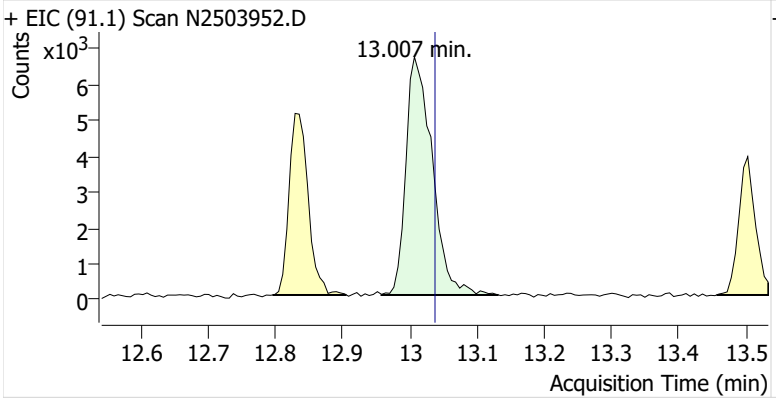


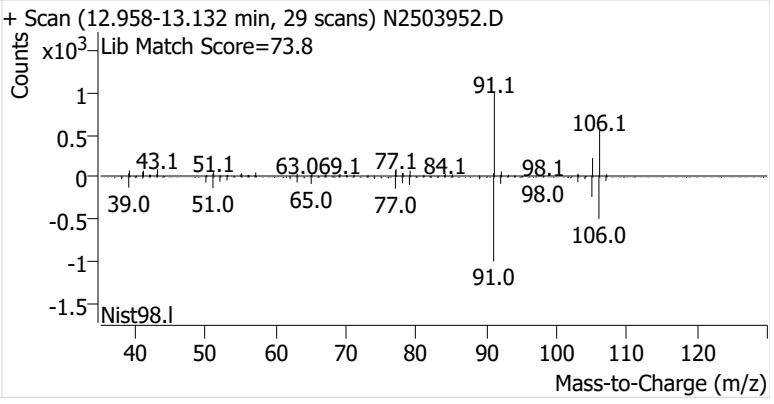
Ethylbenzene



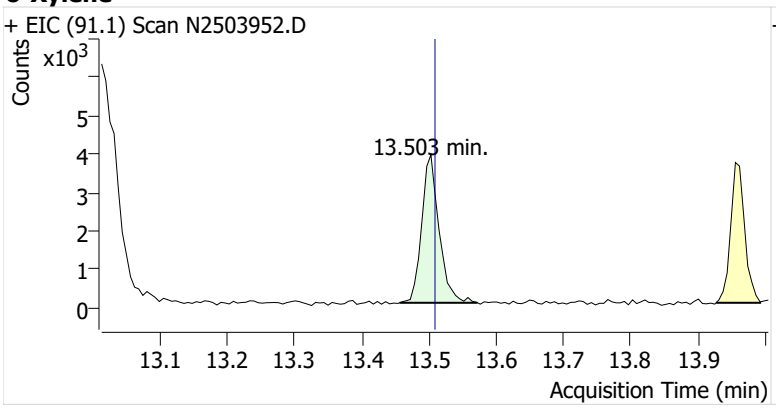


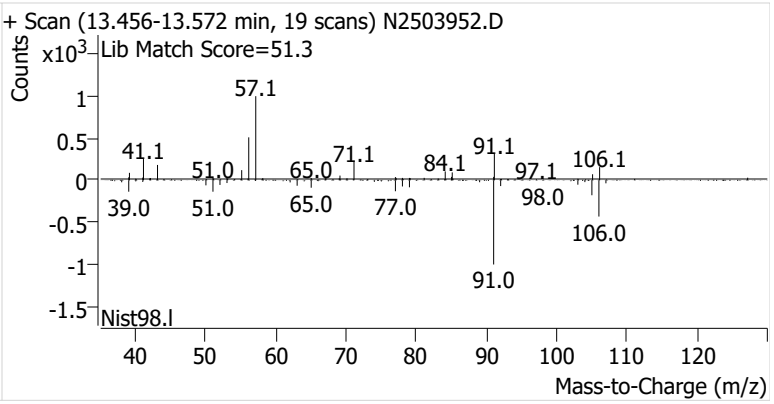
m-/p-Xylenes





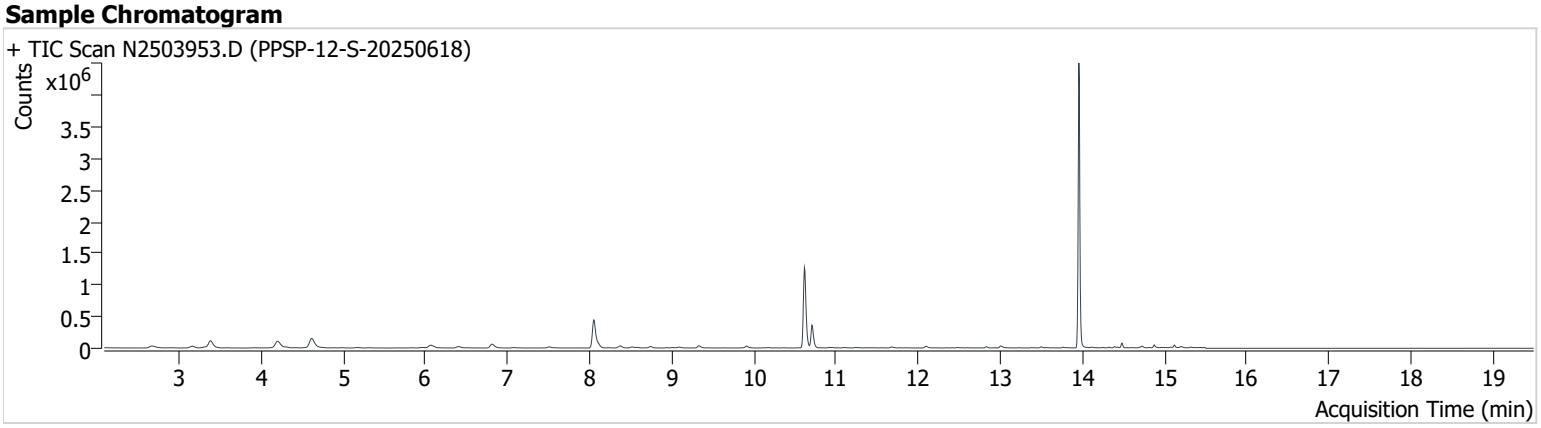
o-Xylene


+ EIC (91.1) Scan N2503952.D
Counts
x10^3
13.503 min.
Acquisition Time (min)


+ Scan (13.456-13.572 min, 19 scans) N2503952.D
Lib Match Score=51.3
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

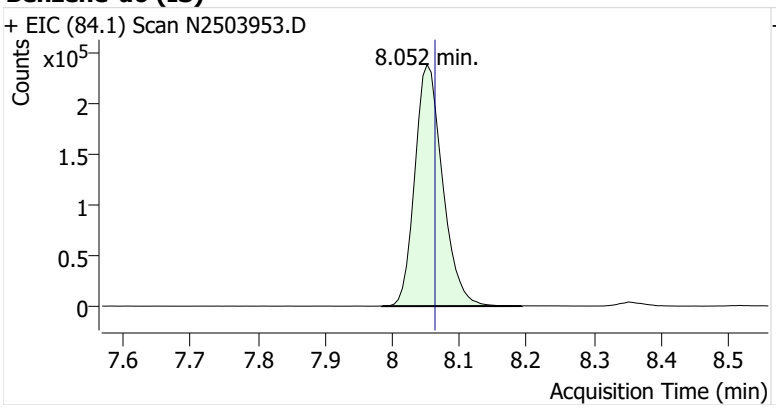
Name	PPSP-12-S-20250618
Comment	C59936
Data File	N2503953.D
Acq. Date-Time	7/9/2025 1:50:02 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

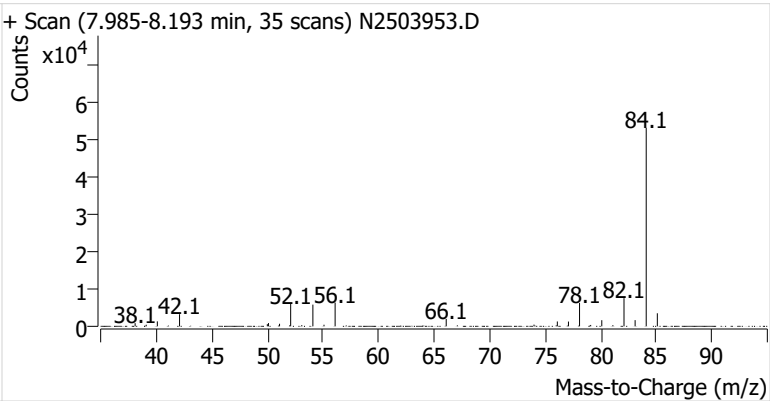
Sample Chromatogram



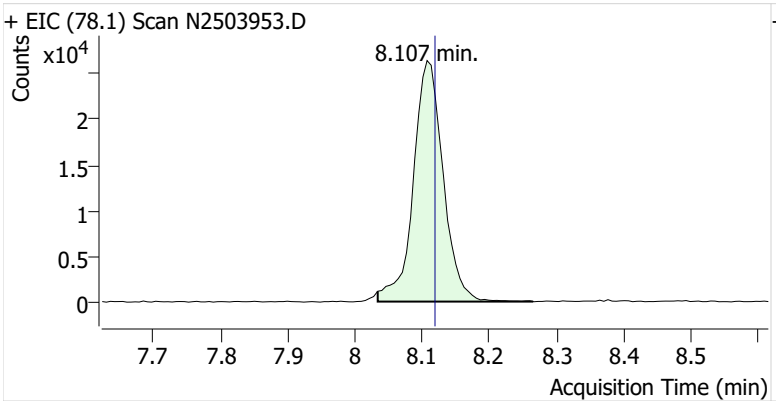
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	683,199	
Benzene	Benzene-d6 (IS)	8.107	8.119	81,312	
Toluene-d8 (IS)		10.615	10.627	1,143,086	
Toluene	Toluene-d8 (IS)	10.707	10.719	339,782	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	15,385	
m-/p-Xylenes	Toluene-d8 (IS)	13.007	13.038	28,084	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	11,660	

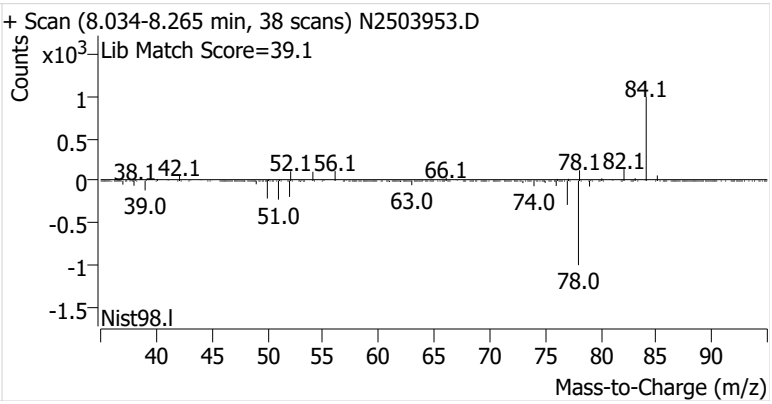
Benzene-d6 (IS)



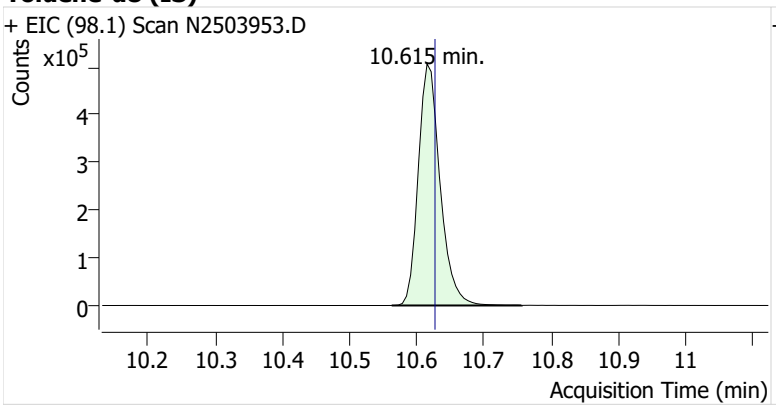


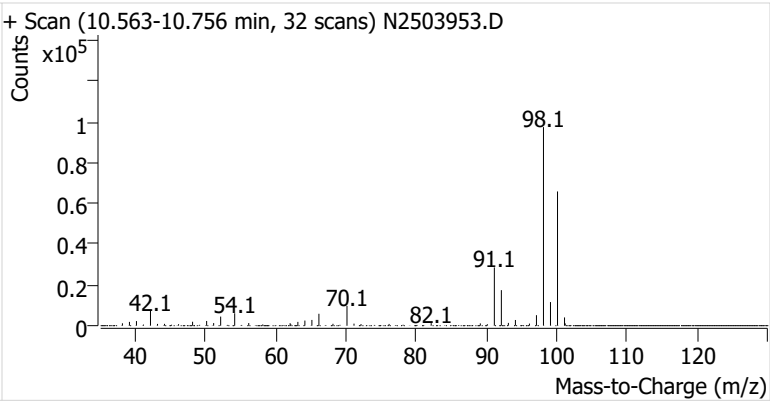
Benzene



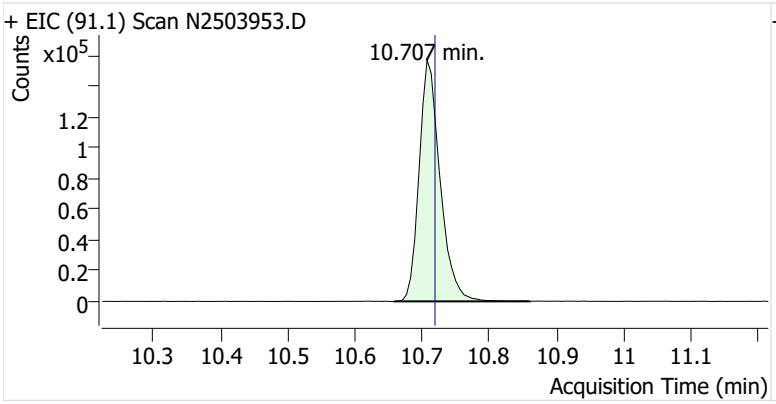


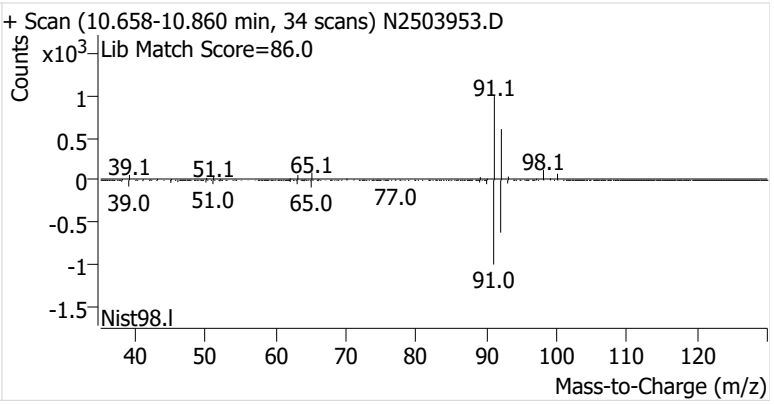
Toluene-d8 (IS)



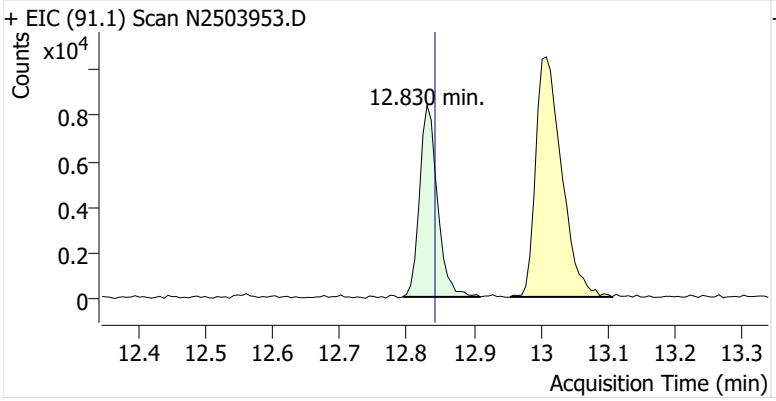


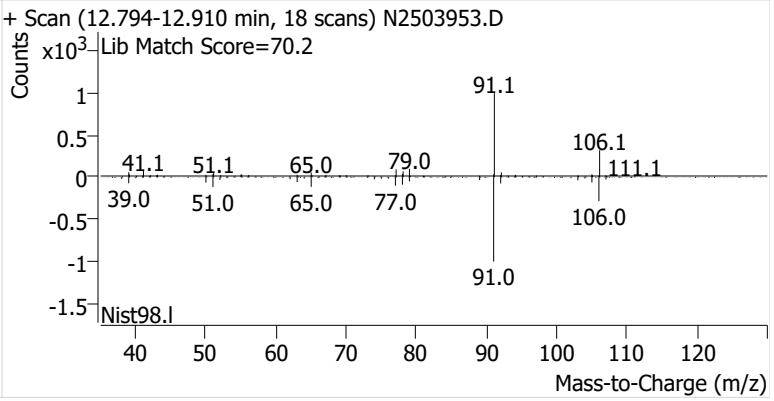
Toluene



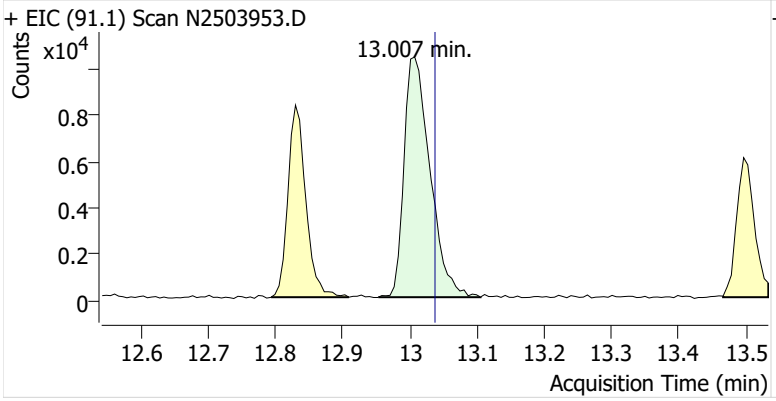


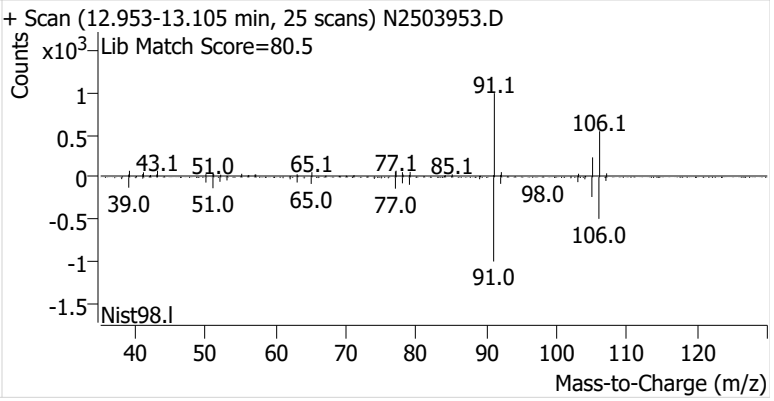
Ethylbenzene



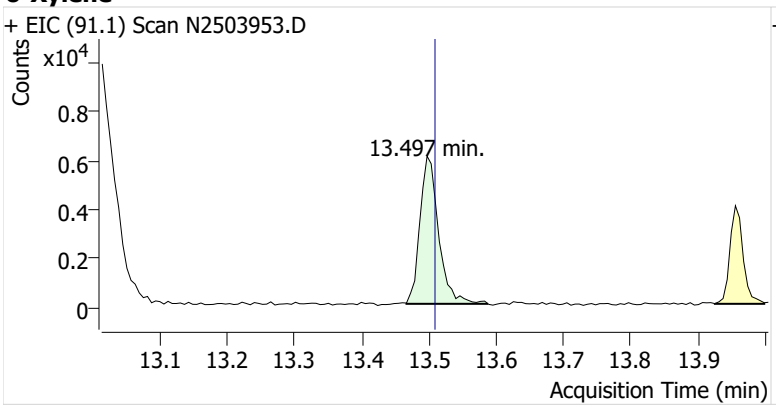


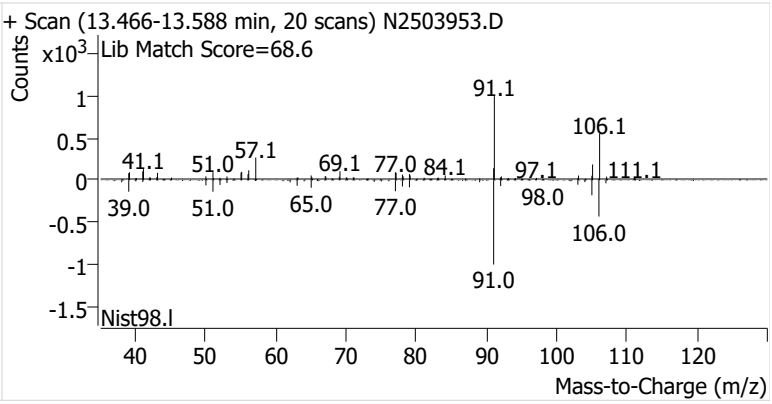
m-/p-Xylenes





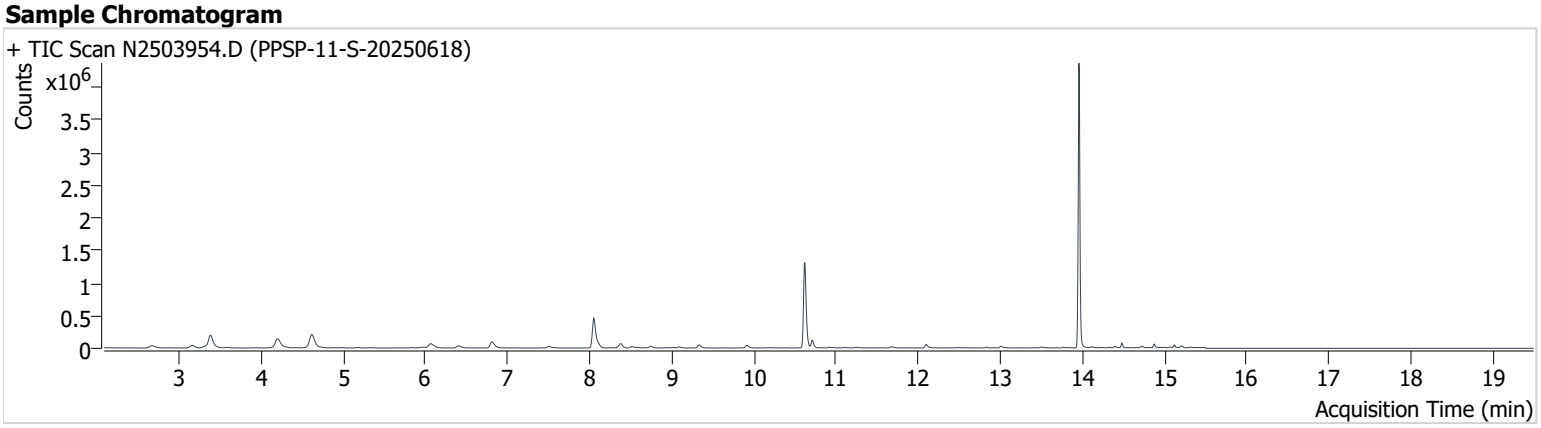
o-Xylene


+ EIC (91.1) Scan N2503953.D
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.497 min.
13.1
13.2
13.3
13.4
13.5
13.6
13.7
13.8
13.9
Acquisition Time (min)


+ Scan (13.466-13.588 min, 20 scans) N2503953.D
Lib Match Score=68.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
51.0
57.1
69.1
77.0
84.1
97.1
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

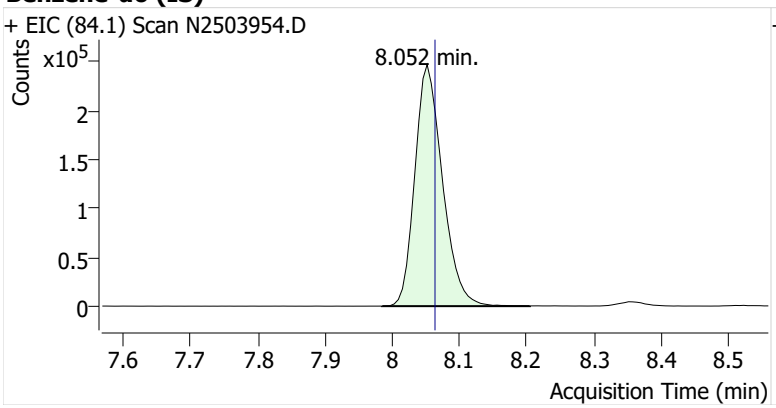
Name	PPSP-11-S-20250618
Comment	C57711
Data File	N2503954.D
Acq. Date-Time	7/9/2025 2:29:58 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

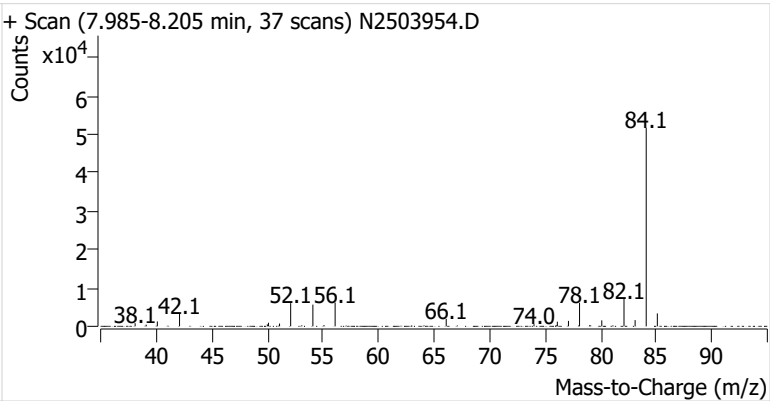
Sample Chromatogram



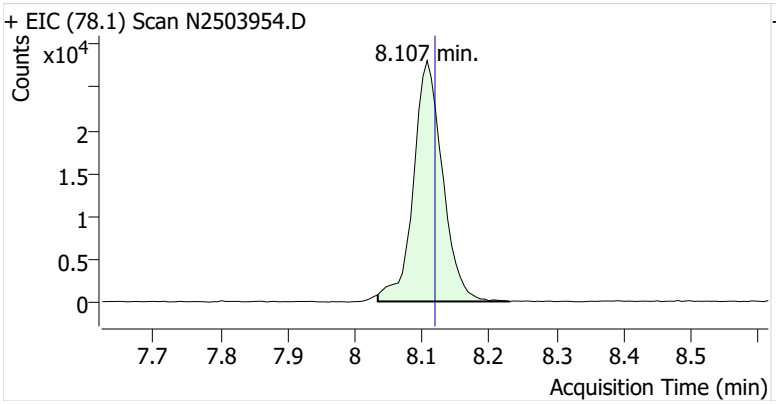
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	702,661	
Benzene	Benzene-d6 (IS)	8.107	8.119	84,505	
Toluene-d8 (IS)		10.616	10.627	1,181,563	
Toluene	Toluene-d8 (IS)	10.713	10.719	109,231	
Ethylbenzene	Toluene-d8 (IS)	12.836	12.842	9,798	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	23,504	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	8,884	

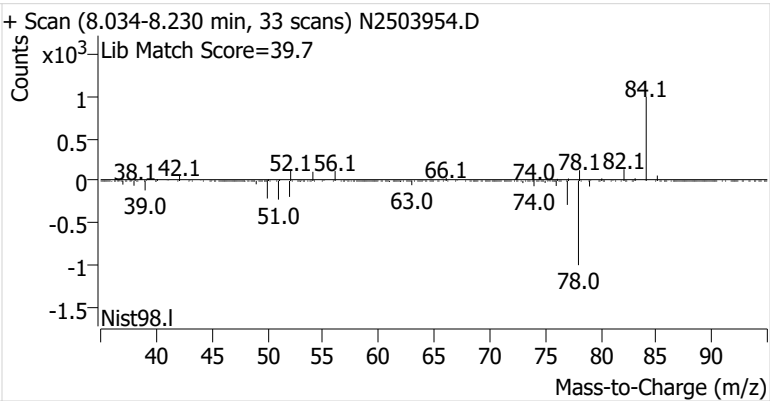
Benzene-d6 (IS)



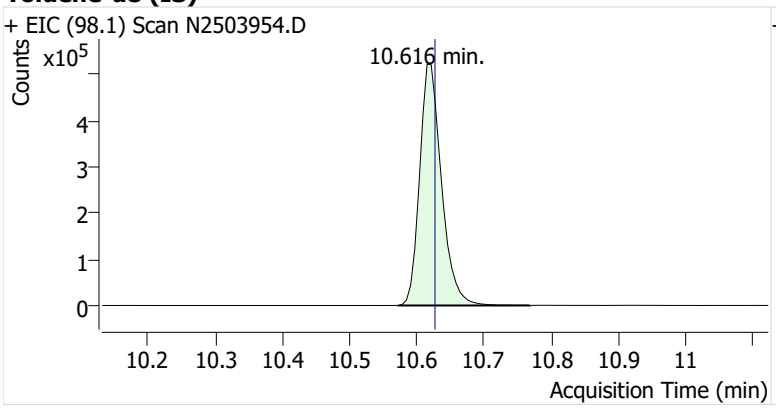


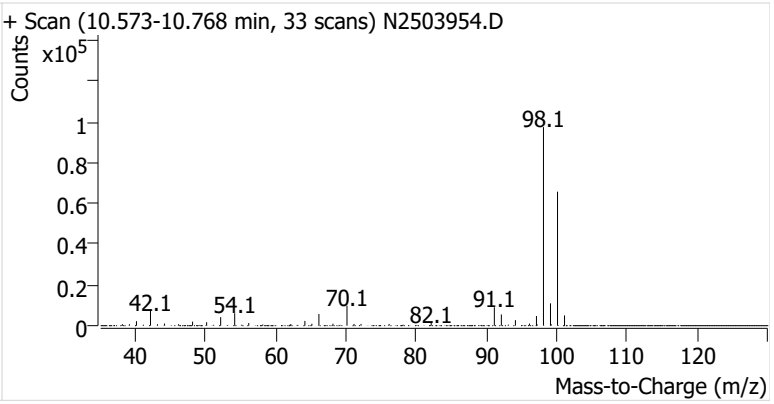
Benzene



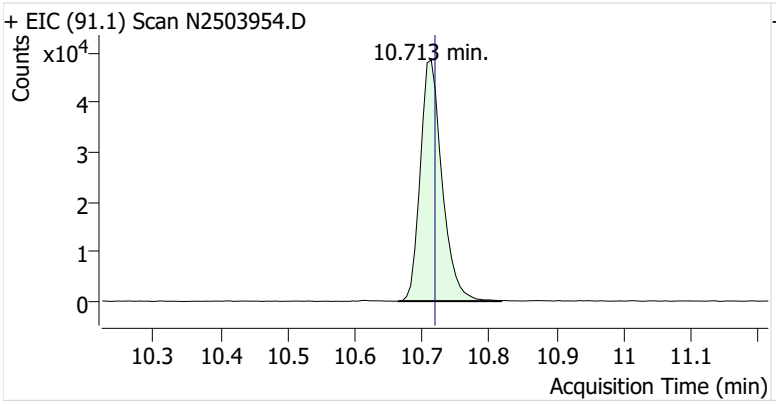


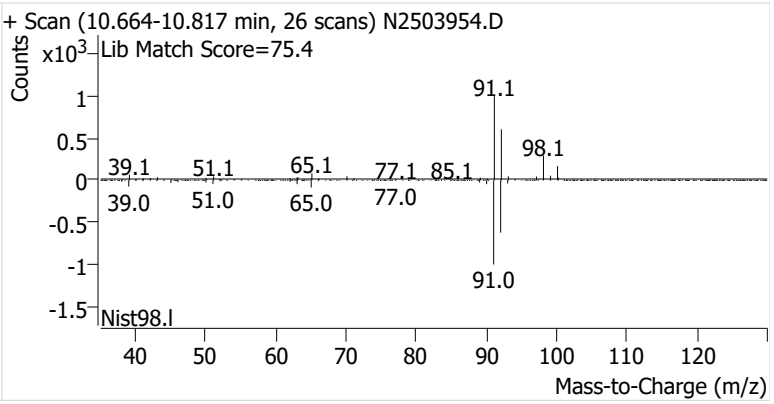
Toluene-d8 (IS)



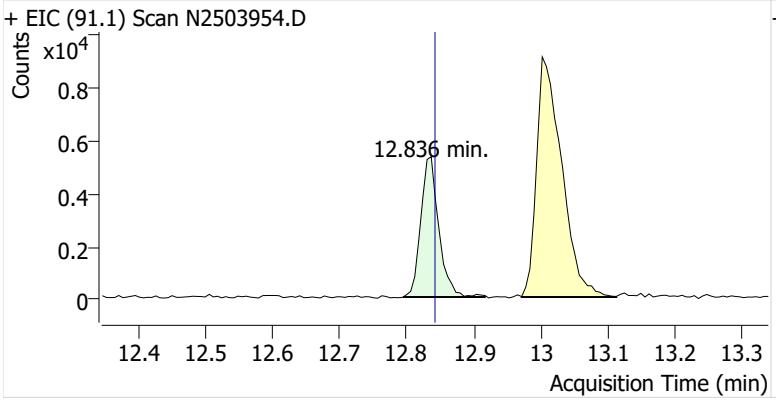


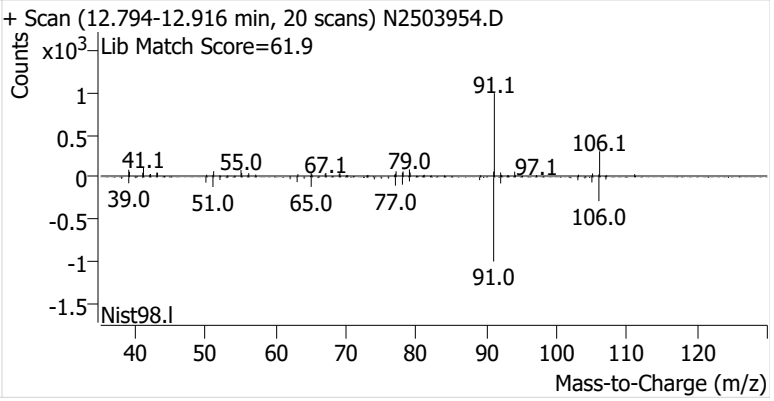
Toluene



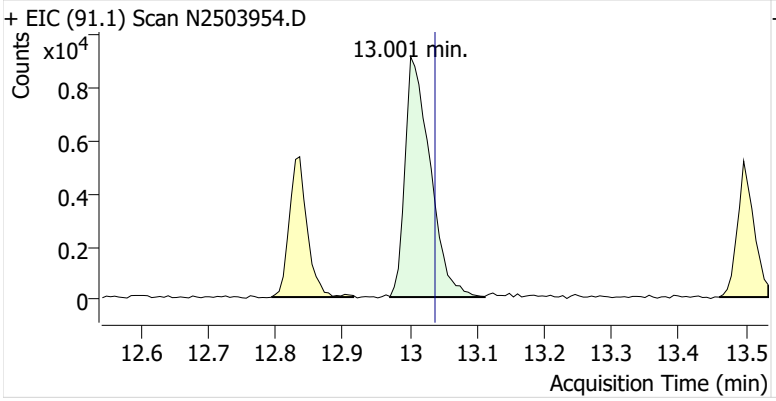


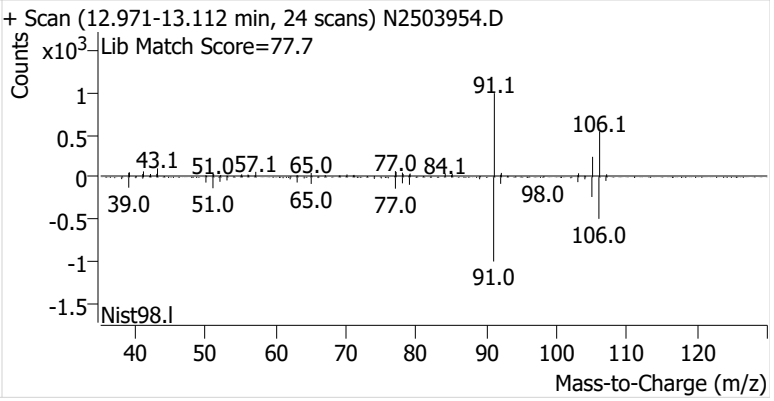
Ethylbenzene



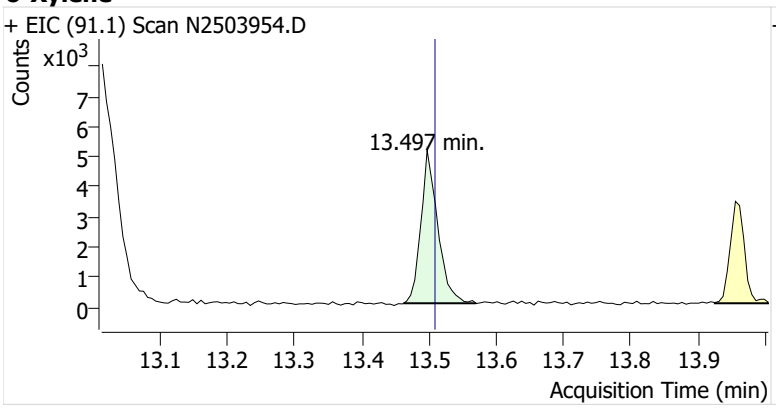


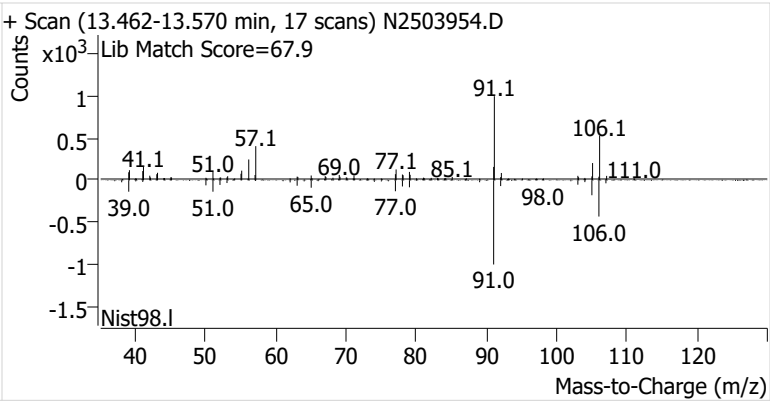
m-/p-Xylenes





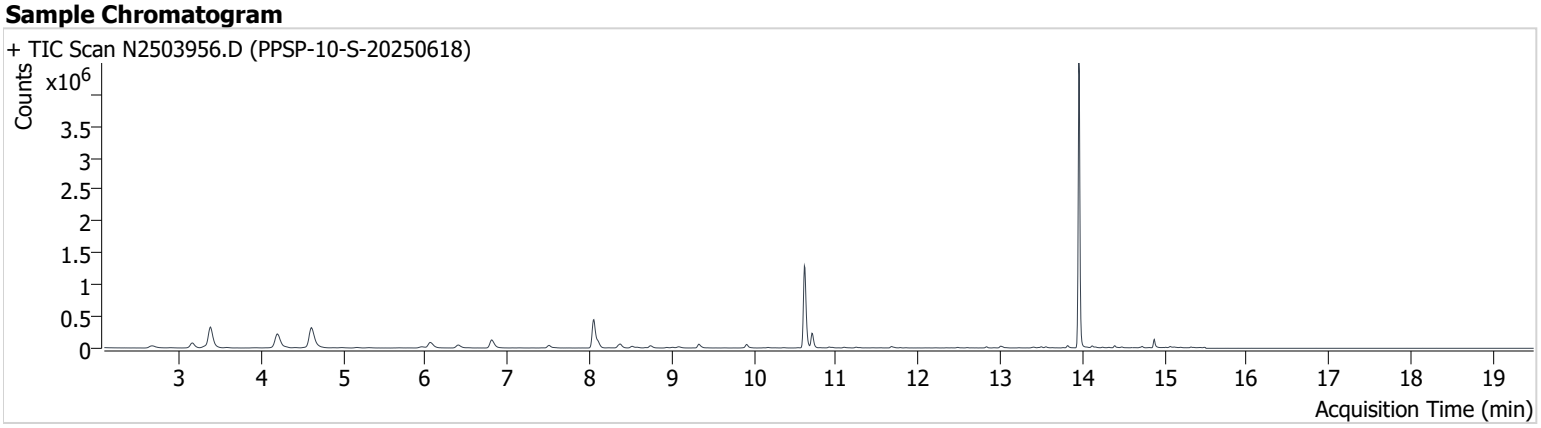
o-Xylene


+ EIC (91.1) Scan N2503954.D
Counts
x10^3
13.497 min.
Acquisition Time (min)


+ Scan (13.462-13.570 min, 17 scans) N2503954.D
Lib Match Score=67.9
Counts
x10^3
91.1
106.1
57.1
41.1
51.0
69.0
77.1
85.1
111.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

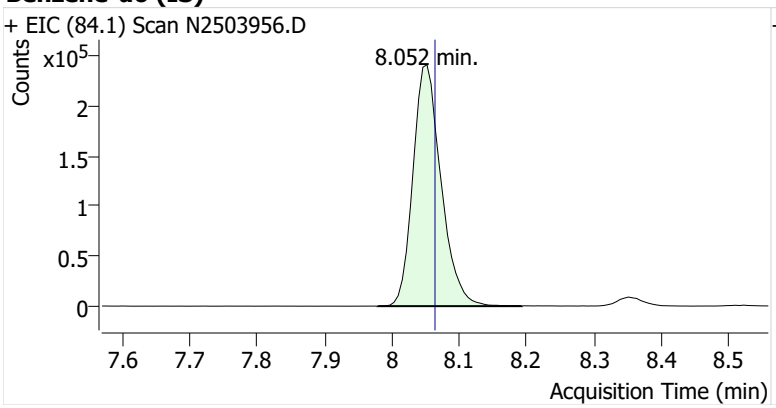
Name	PPSP-10-S-20250618
Comment	C43308
Data File	N2503956.D
Acq. Date-Time	7/9/2025 4:09:03 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

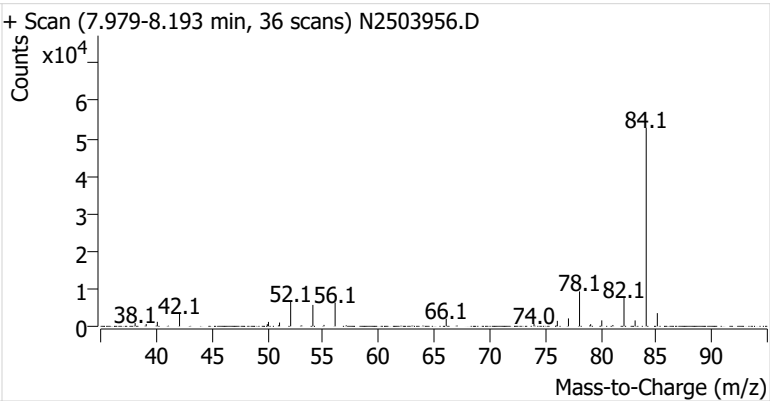
Sample Chromatogram



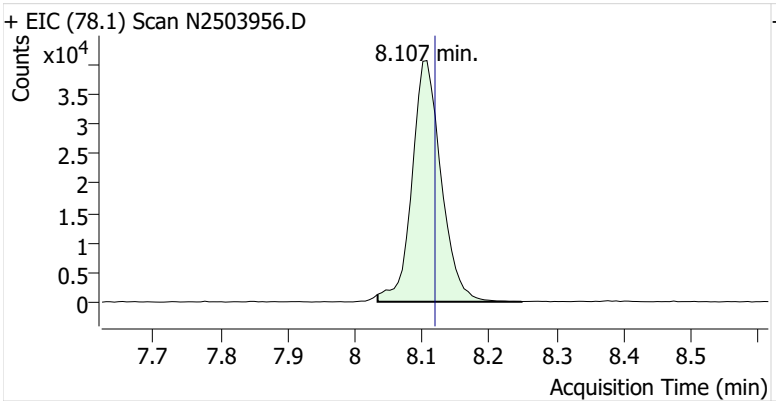
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	697,676	
Benzene	Benzene-d6 (IS)	8.107	8.119	122,727	
Toluene-d8 (IS)		10.615	10.627	1,176,153	
Toluene	Toluene-d8 (IS)	10.707	10.719	224,933	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	14,361	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	26,568	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	11,506	

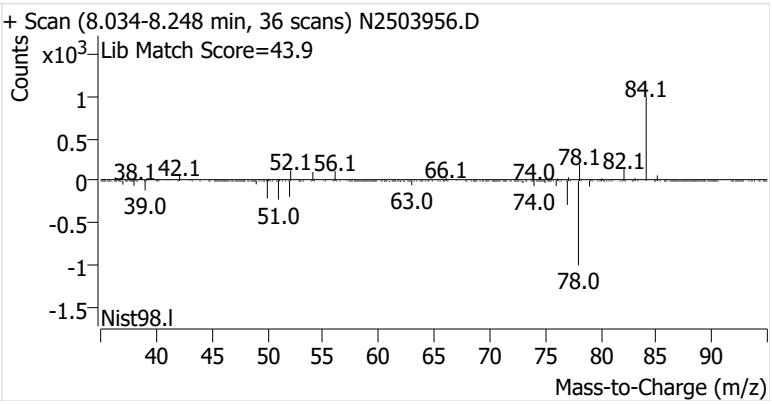
Benzene-d6 (IS)



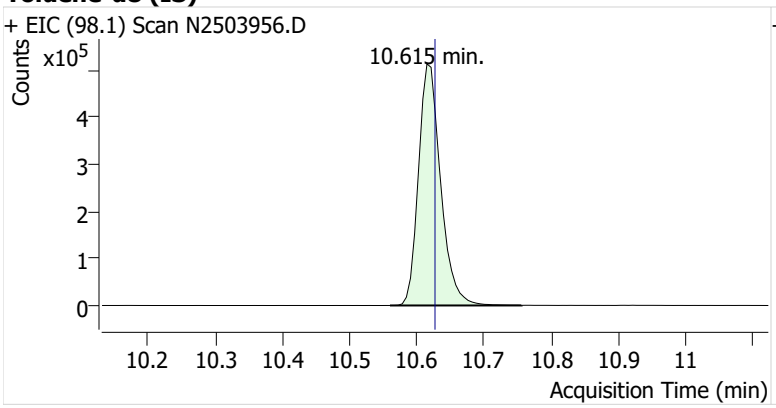


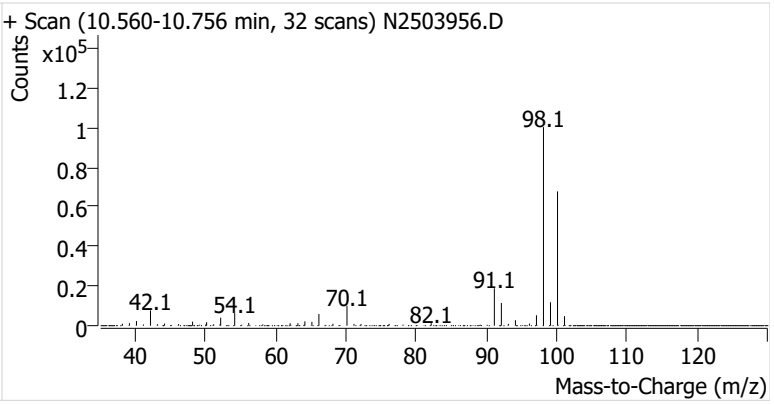
Benzene



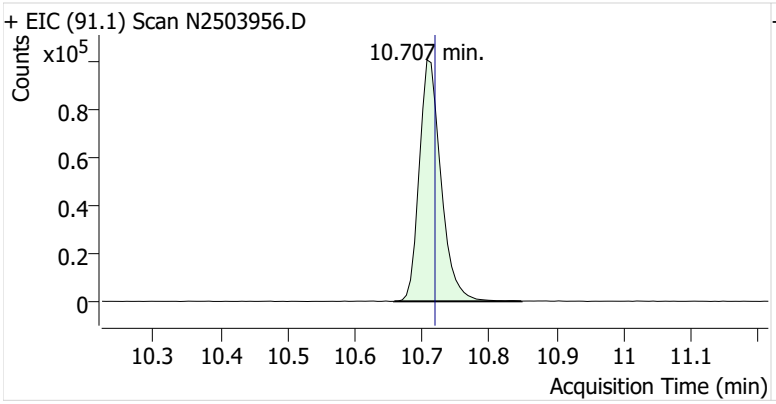


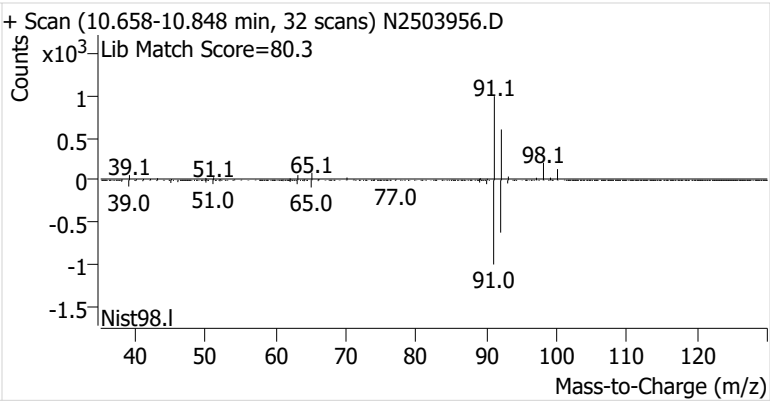
Toluene-d8 (IS)



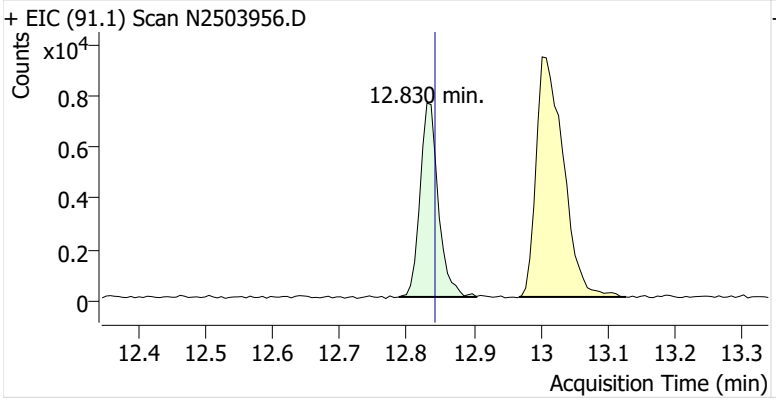


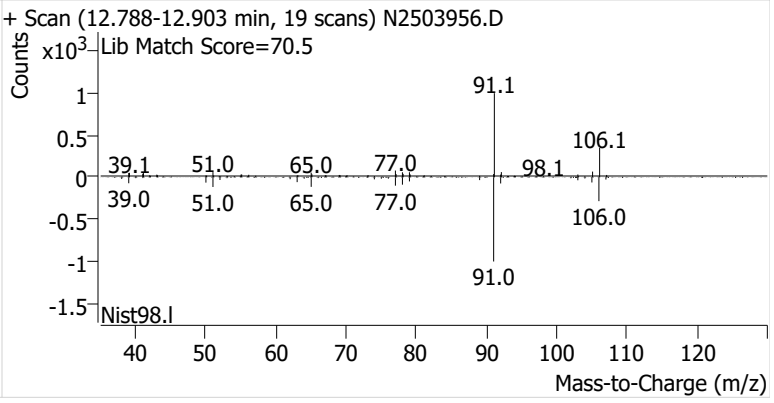
Toluene



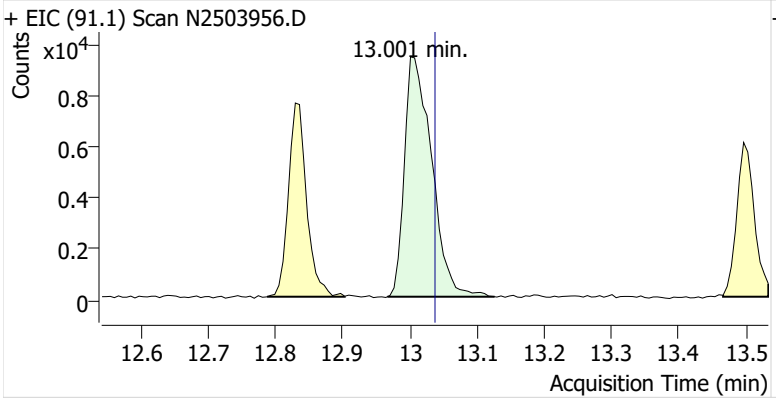


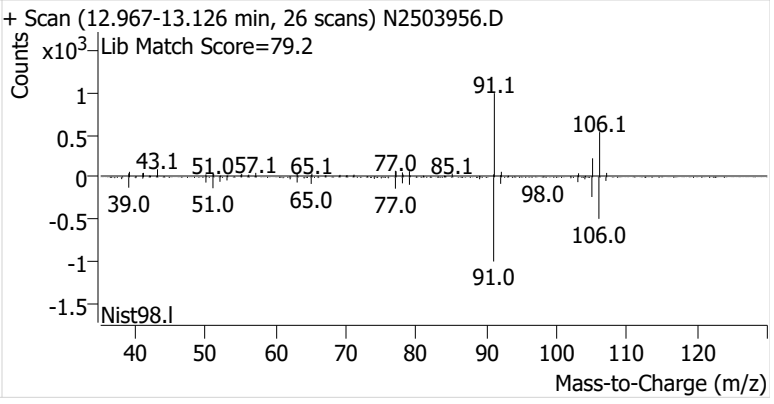
Ethylbenzene



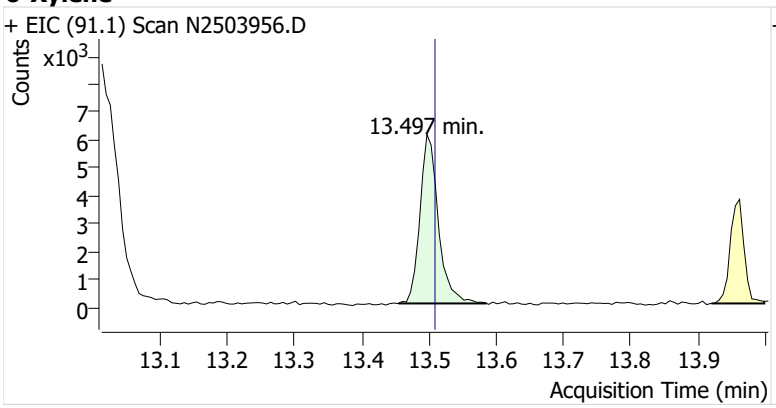


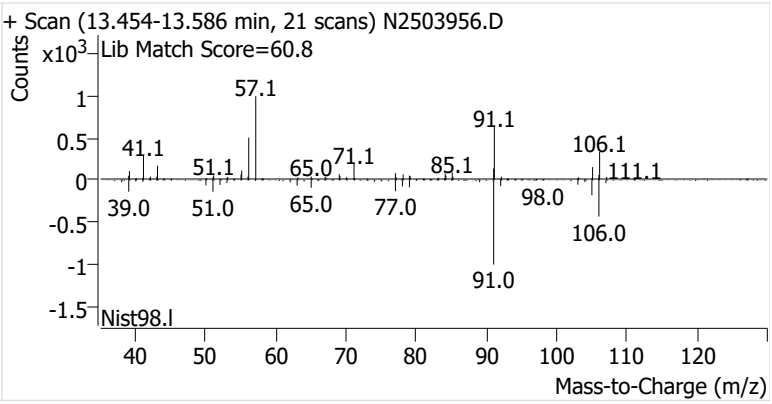
m-/p-Xylenes





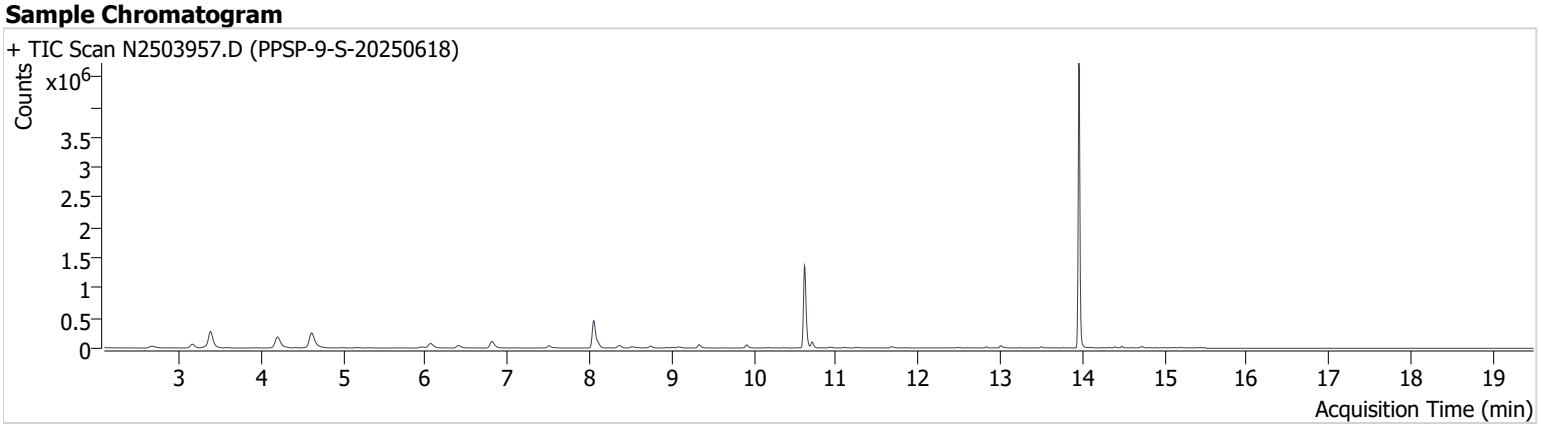
o-Xylene


+ EIC (91.1) Scan N2503956.D
Counts
x10^3
13.497 min.
Acquisition Time (min)


+ Scan (13.454-13.586 min, 21 scans) N2503956.D
Lib Match Score=60.8
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

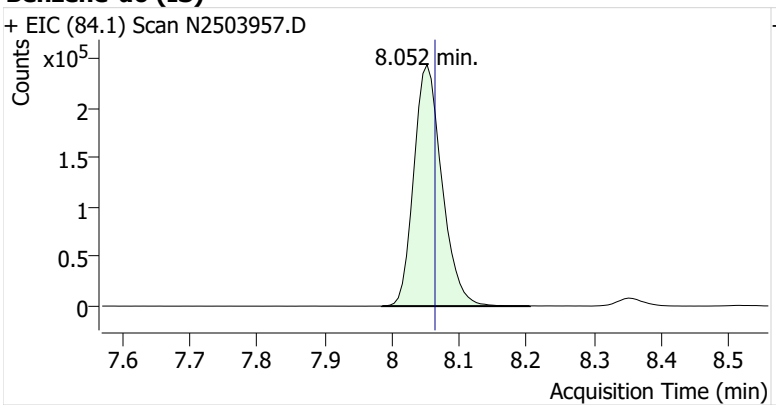
Name	PPSP-9-S-20250618
Comment	B43307
Data File	N2503957.D
Acq. Date-Time	7/9/2025 4:48:57 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

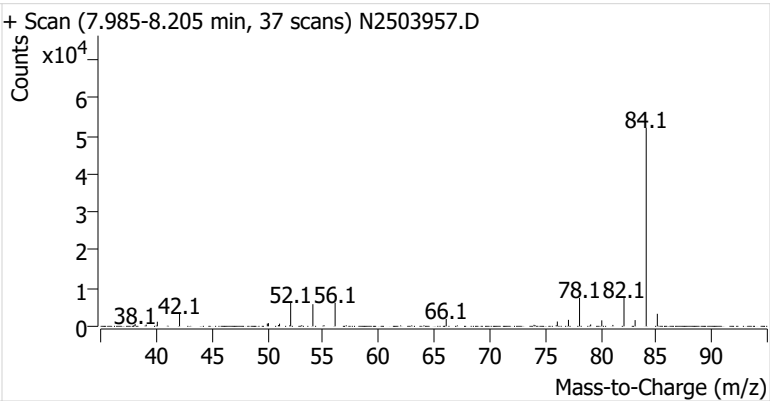
Sample Chromatogram



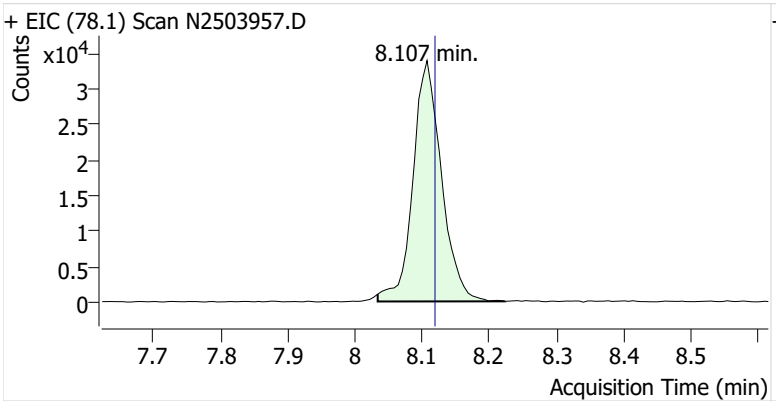
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	709,344	
Benzene	Benzene-d6 (IS)	8.107	8.119	100,171	
Toluene-d8 (IS)		10.615	10.627	1,214,379	
Toluene	Toluene-d8 (IS)	10.713	10.719	92,223	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	14,935	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	33,069	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	12,985	

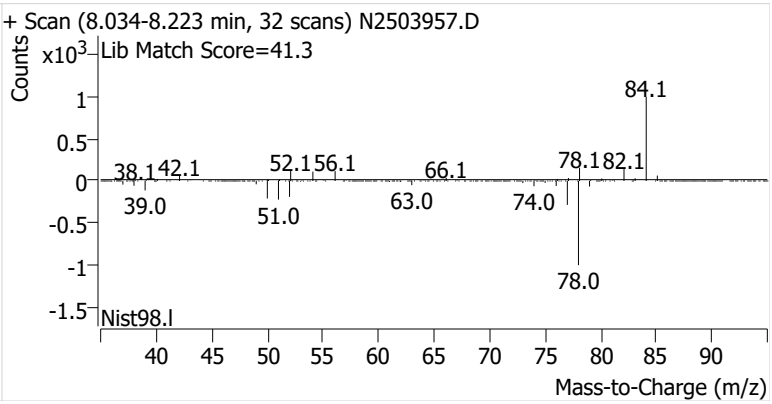
Benzene-d6 (IS)



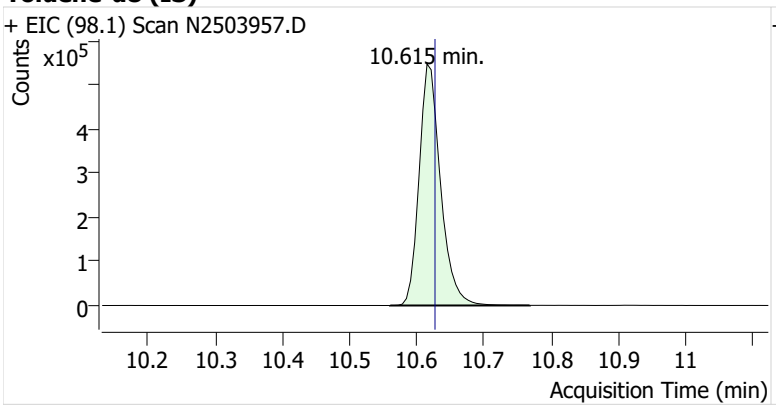


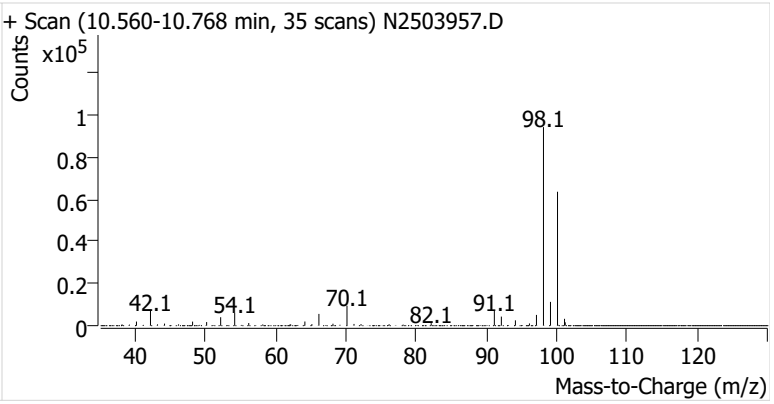
Benzene



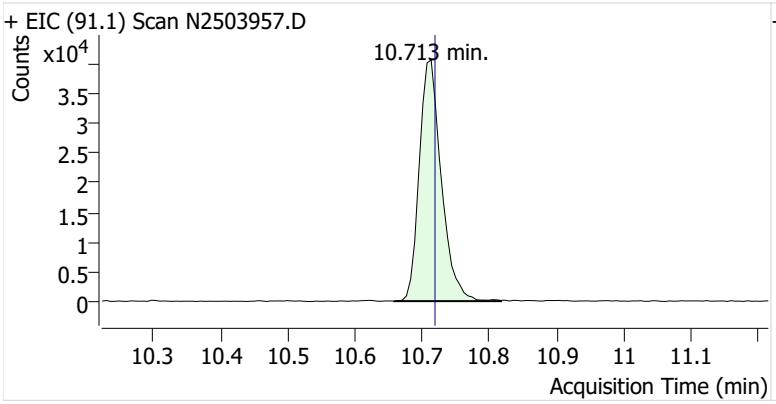


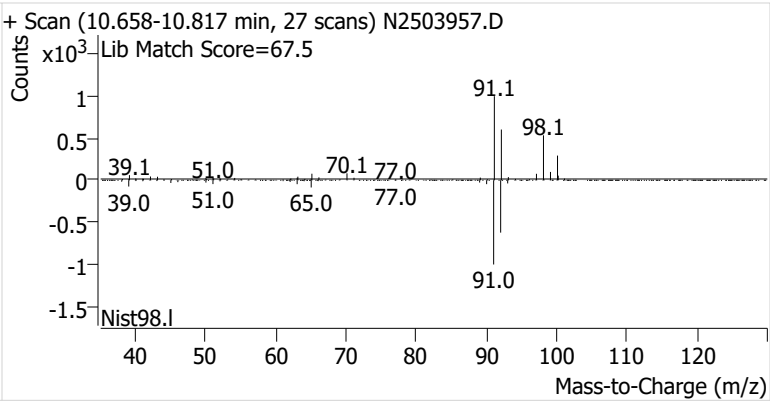
Toluene-d8 (IS)



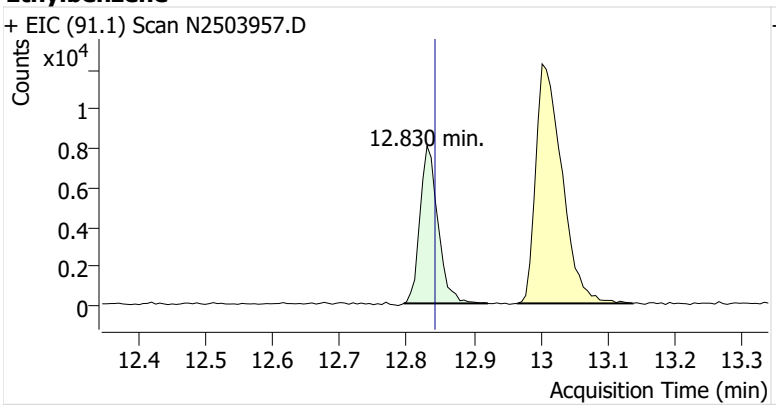


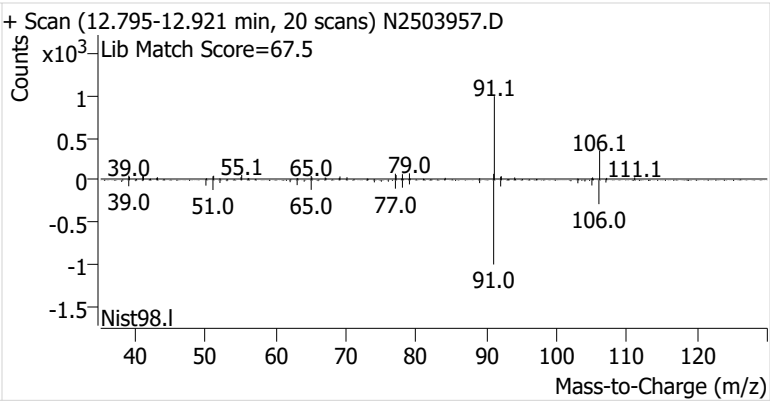
Toluene



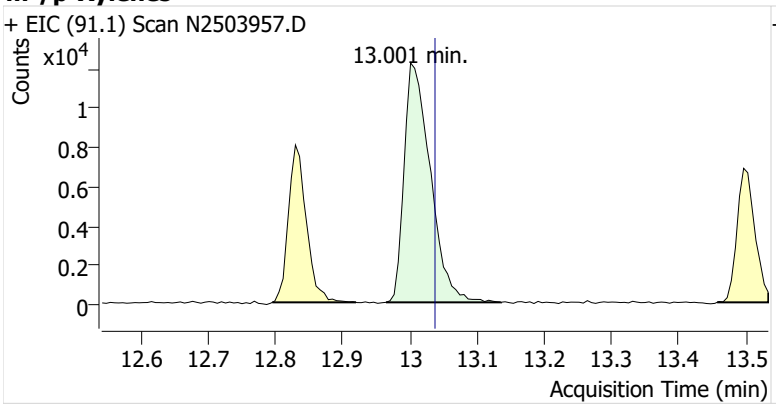


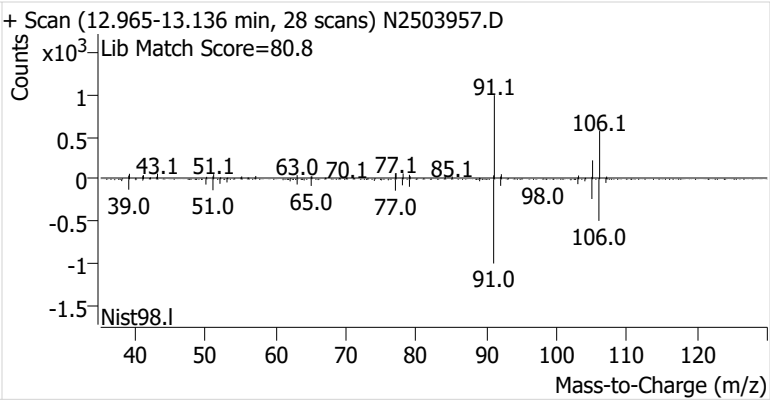
Ethylbenzene



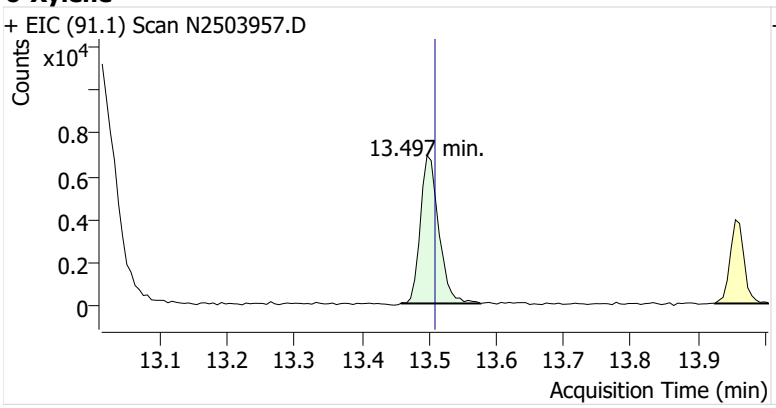


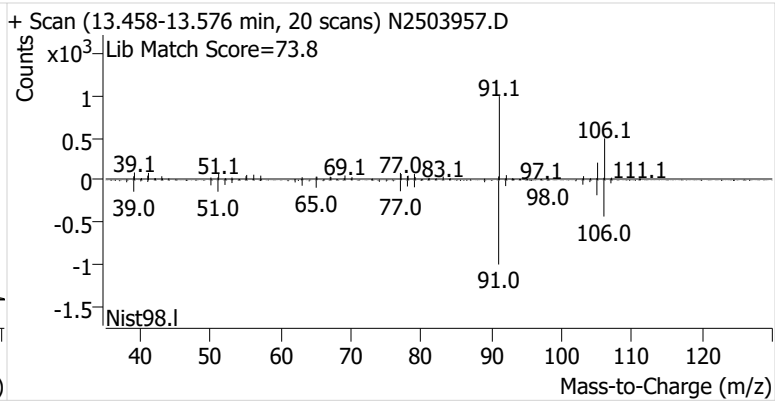
m-/p-Xylenes





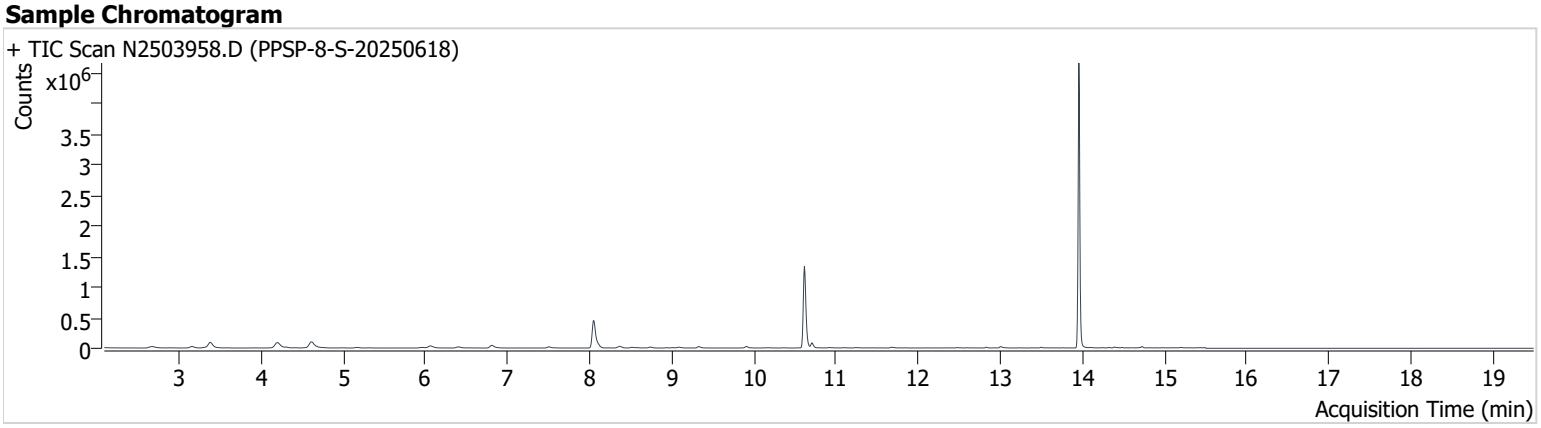
o-Xylene


+ EIC (91.1) Scan N2503957.D
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.497 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9
Acquisition Time (min)


+ Scan (13.458-13.576 min, 20 scans) N2503957.D
Counts
x10^3
Lib Match Score=73.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
69.1
77.0
83.1
97.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

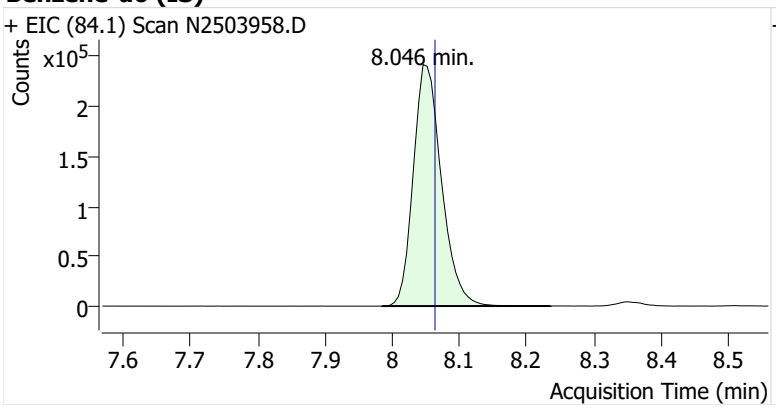
Name	PPSP-8-S-20250618
Comment	B48536
Data File	N2503958.D
Acq. Date-Time	7/9/2025 5:28:49 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

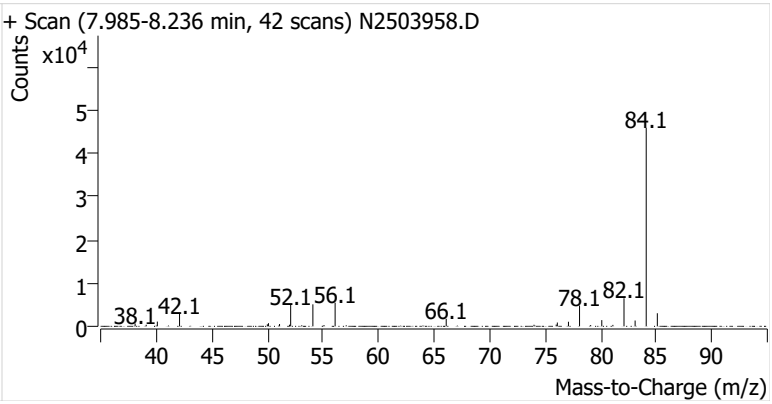
Sample Chromatogram



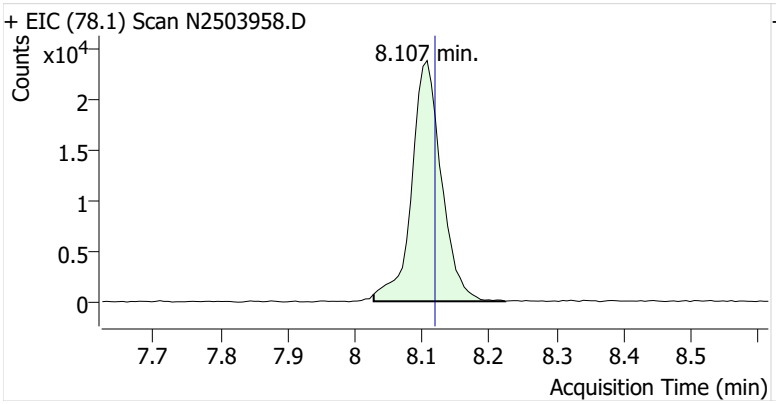
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.046	8.064	706,323	
Benzene	Benzene-d6 (IS)	8.107	8.119	73,149	
Toluene-d8 (IS)		10.615	10.627	1,192,558	
Toluene	Toluene-d8 (IS)	10.707	10.719	73,181	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	9,184	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	18,658	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	7,820	

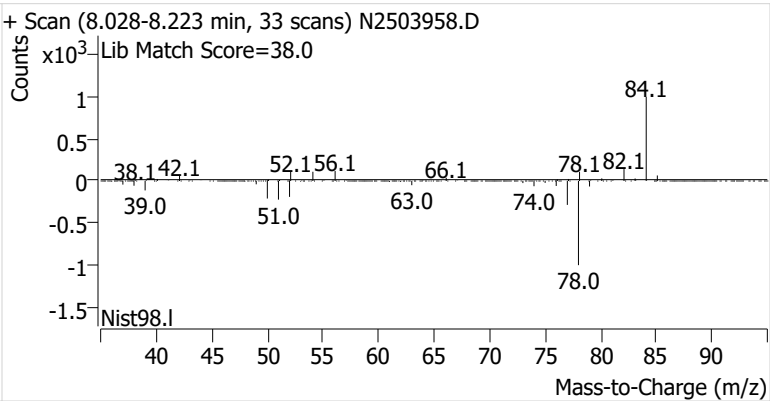
Benzene-d6 (IS)



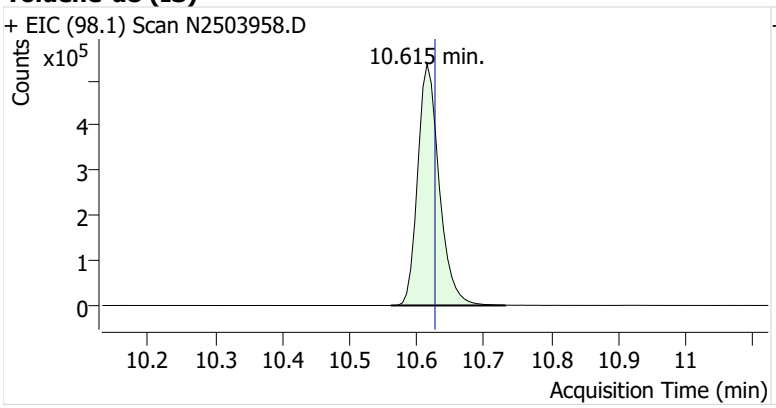


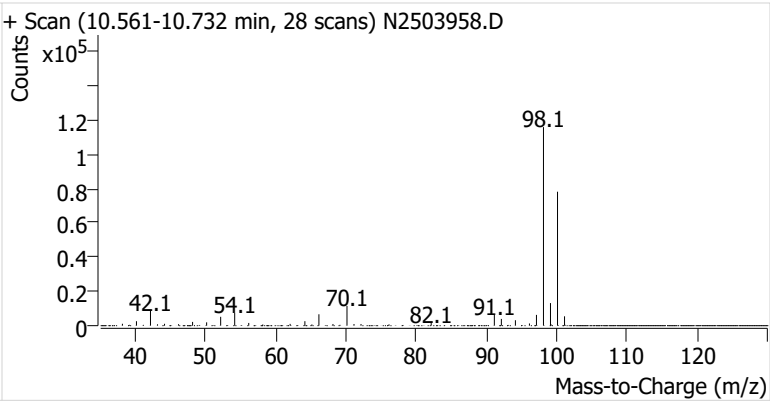
Benzene



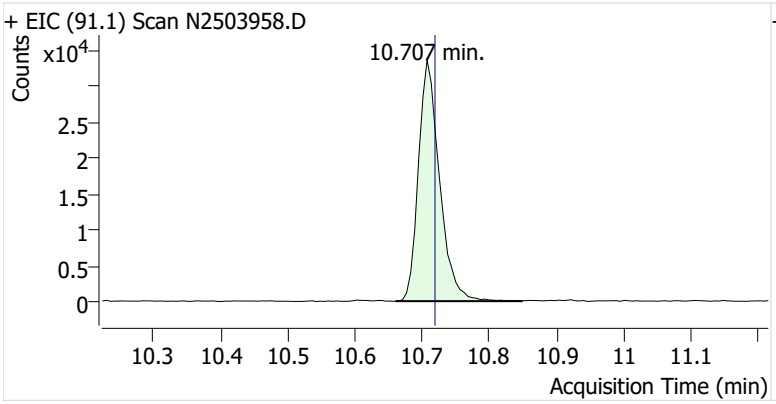


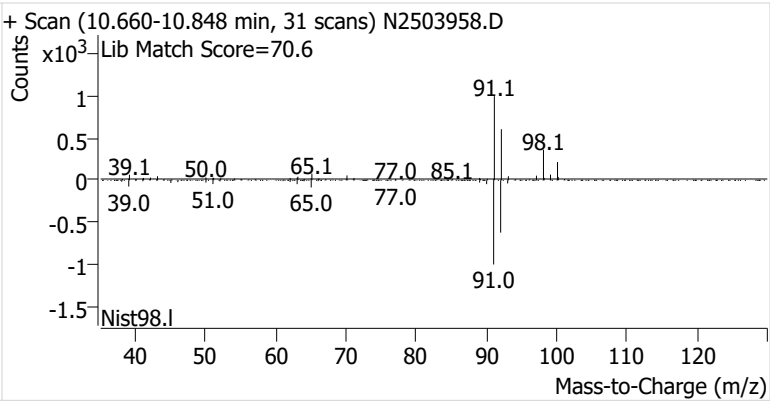
Toluene-d8 (IS)



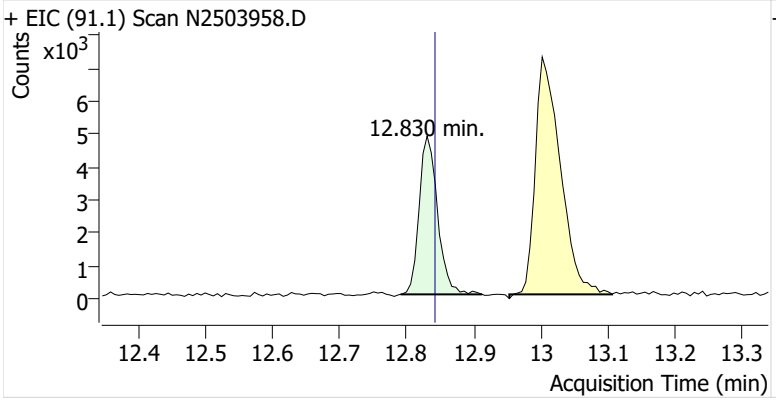


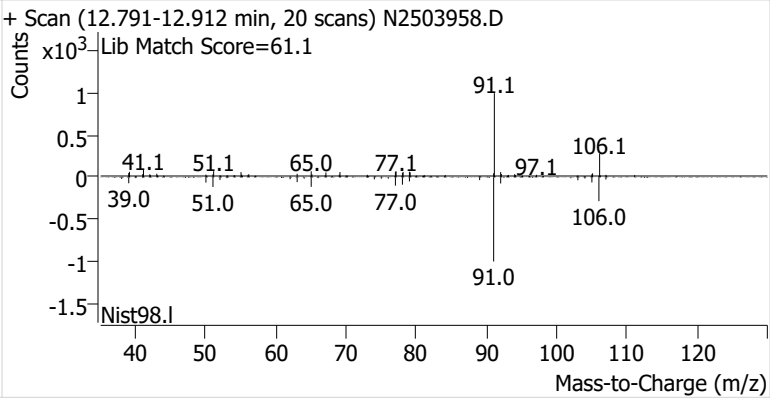
Toluene



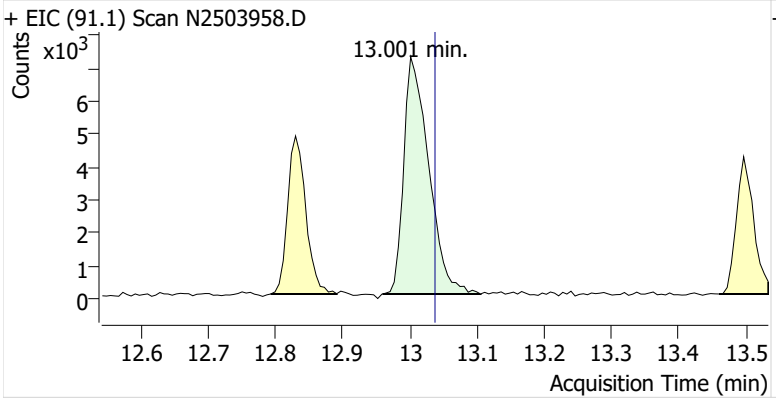


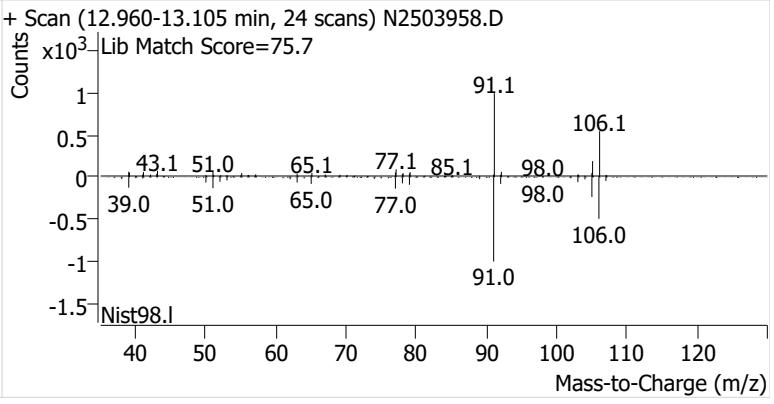
Ethylbenzene



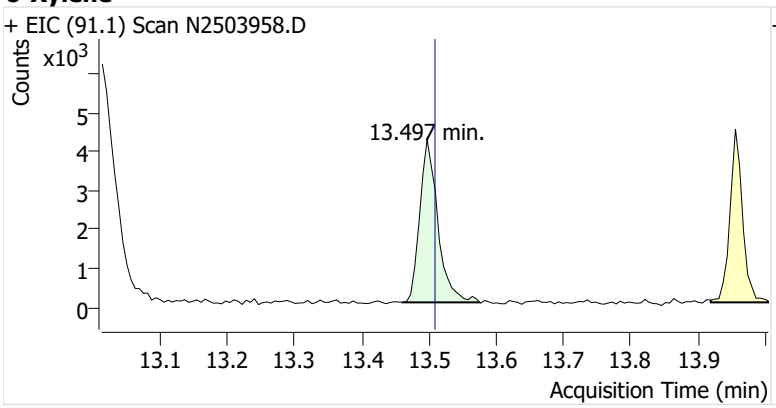


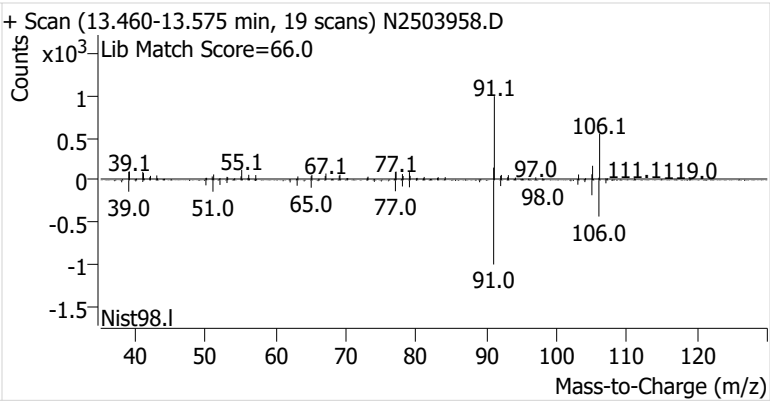
m-/p-Xylenes





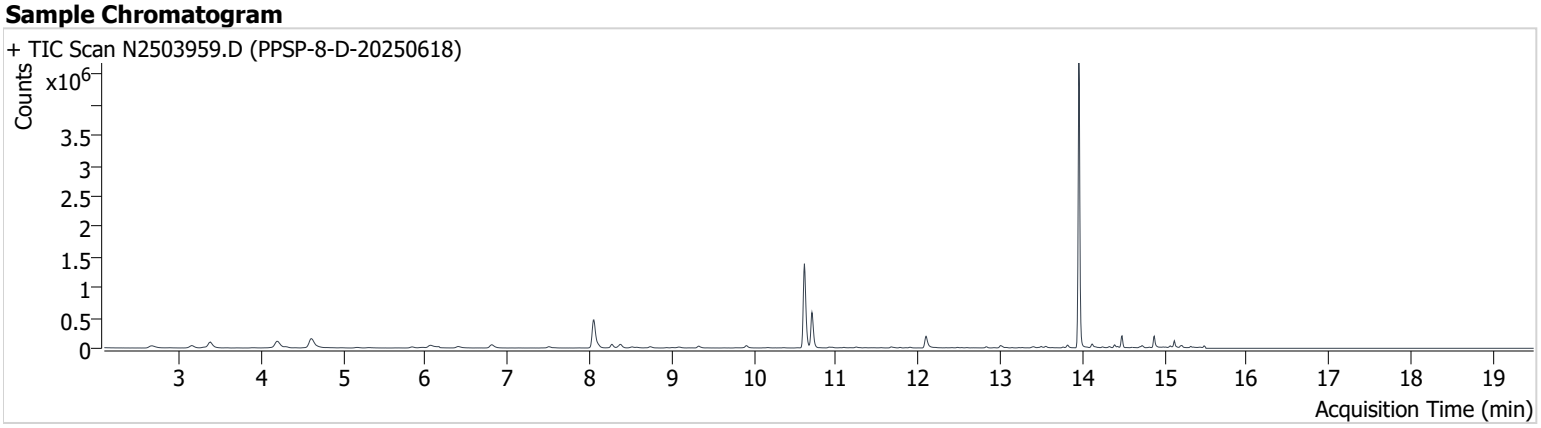
o-Xylene


+ EIC (91.1) Scan N2503958.D
Counts
x10^3
13.497 min.
Acquisition Time (min)


+ Scan (13.460-13.575 min, 19 scans) N2503958.D
Lib Match Score=66.0
Counts
x10^3
91.1
106.1
39.1
55.1
67.1
77.1
97.0
111.1
119.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

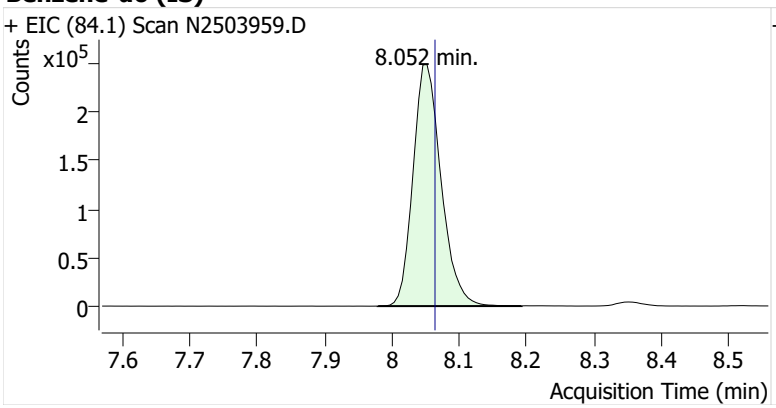
Name	PPSP-8-D-20250618
Comment	C60271
Data File	N2503959.D
Acq. Date-Time	7/9/2025 6:08:46 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

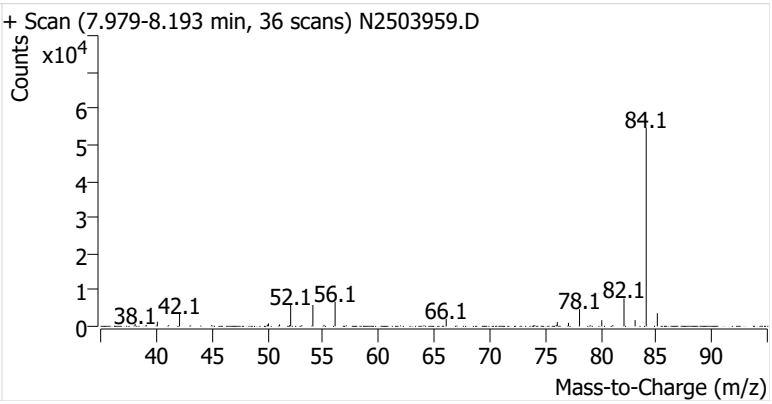
Sample Chromatogram



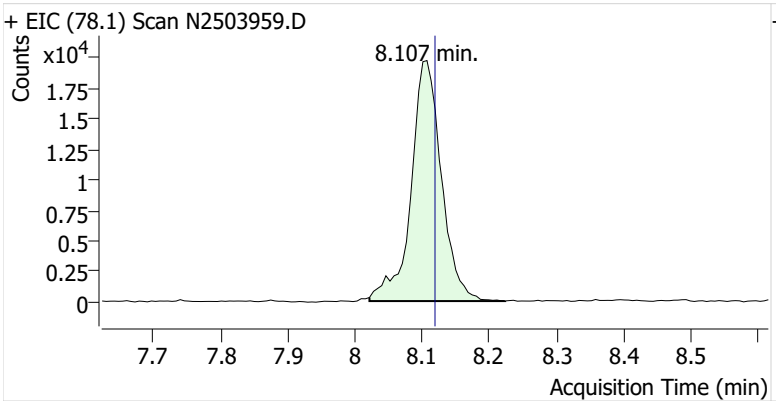
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	723,044	
Benzene	Benzene-d6 (IS)	8.107	8.119	61,779	
Toluene-d8 (IS)		10.615	10.627	1,223,111	
Toluene	Toluene-d8 (IS)	10.707	10.719	557,675	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	15,059	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	36,430	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	14,230	

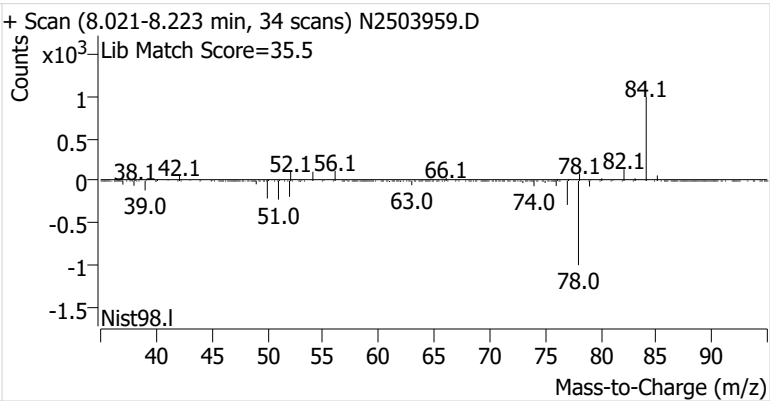
Benzene-d6 (IS)



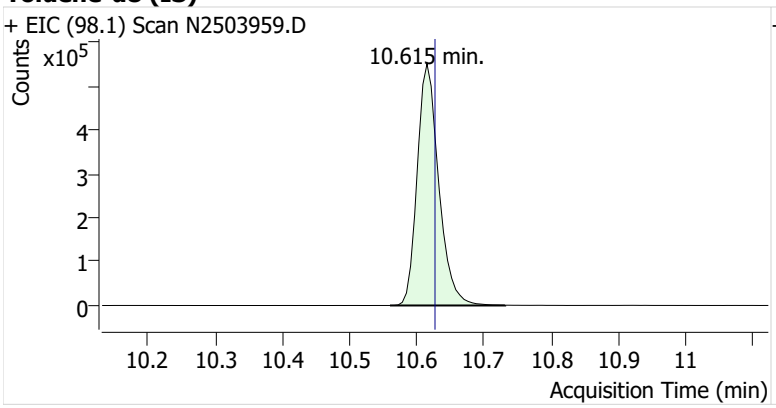


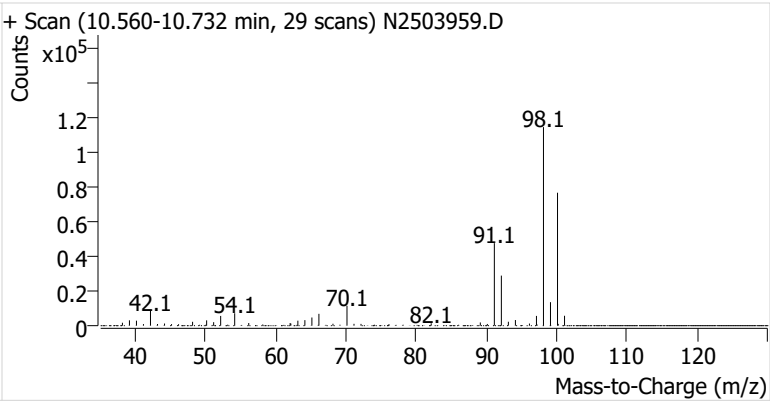
Benzene



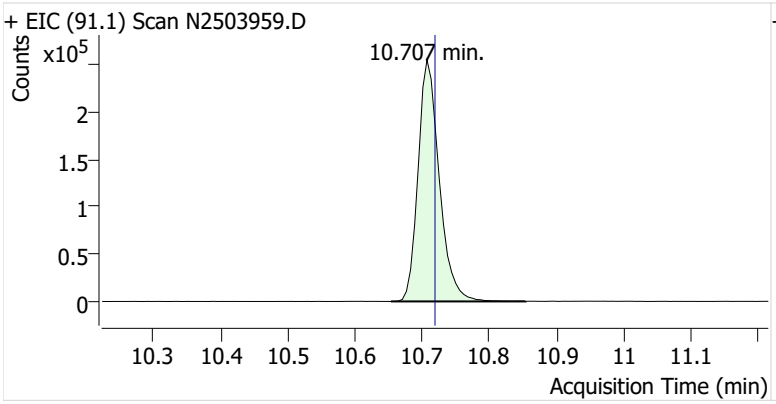


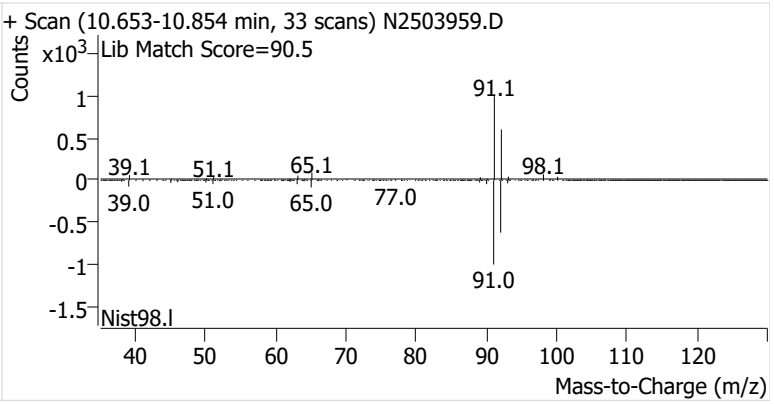
Toluene-d8 (IS)



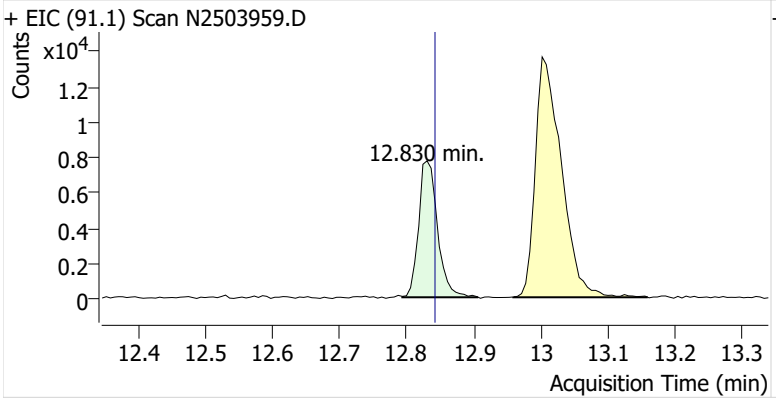


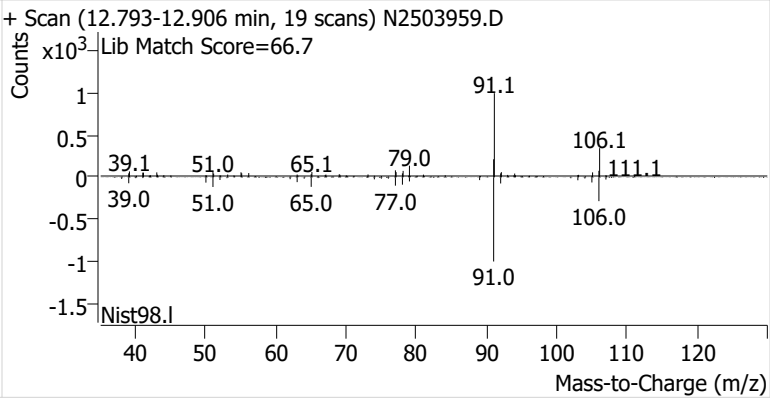
Toluene



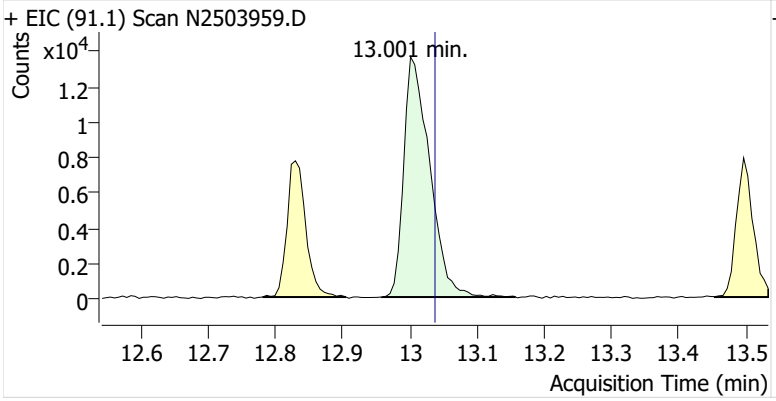


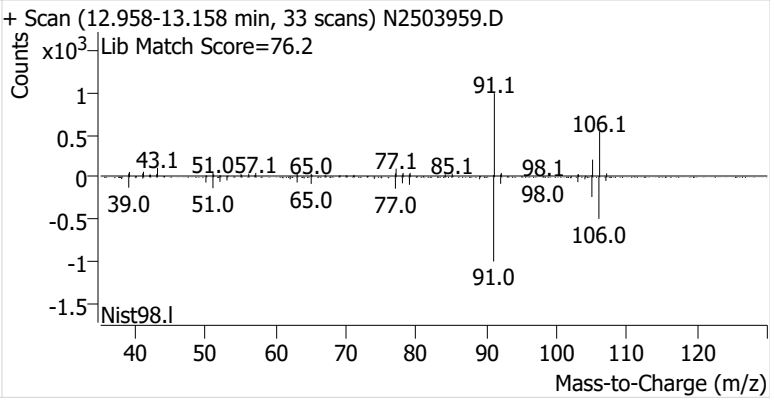
Ethylbenzene



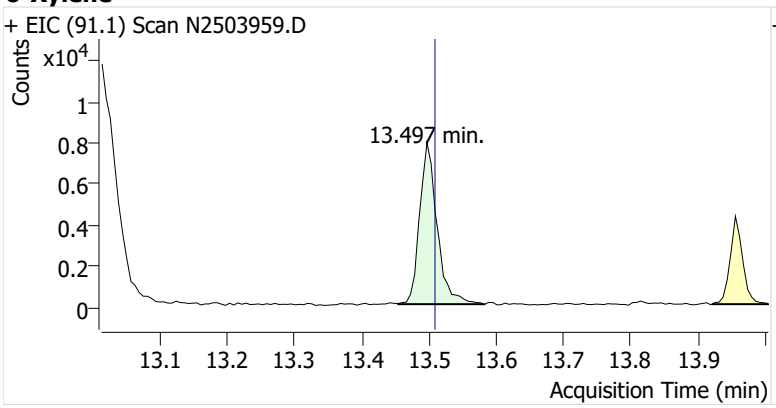


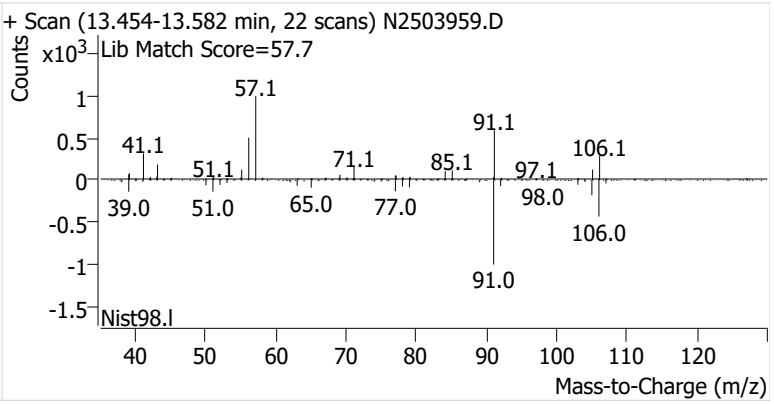
m-/p-Xylenes





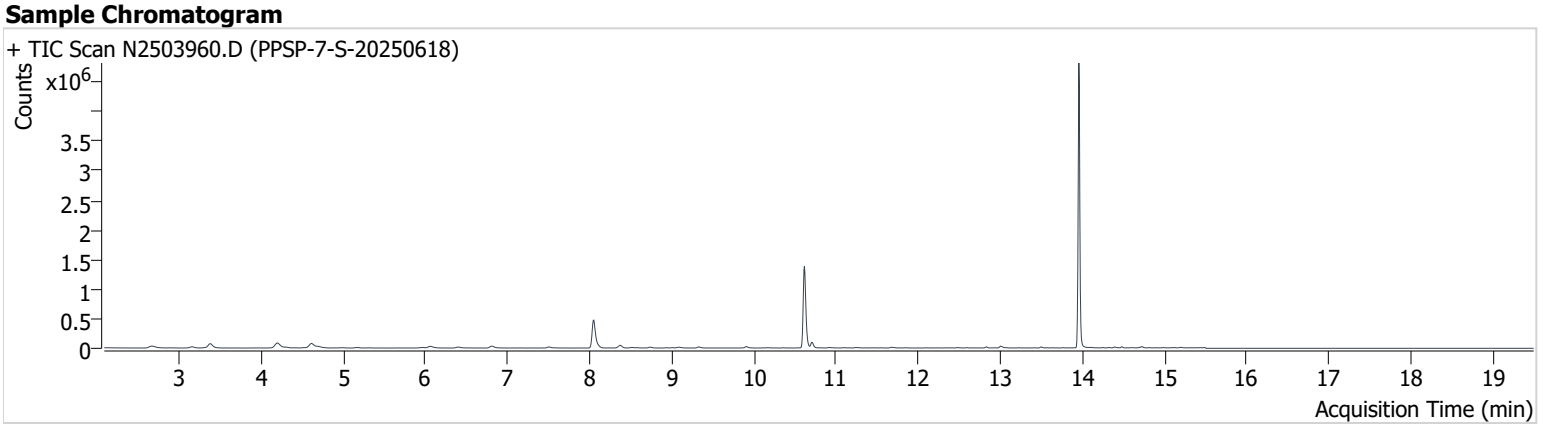
o-Xylene


+ EIC (91.1) Scan N2503959.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.497 min.
13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9
Acquisition Time (min)


+ Scan (13.454-13.582 min, 22 scans) N2503959.D
Counts
x10^3
Lib Match Score=57.7
1
0.5
0
-0.5
-1
-1.5
57.1
91.1
41.1
51.1
71.1
85.1
97.1
106.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

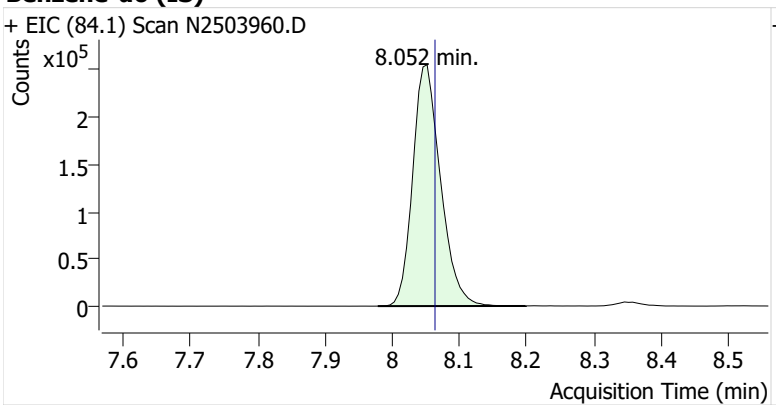
Name	PPSP-7-S-20250618
Comment	B21057
Data File	N2503960.D
Acq. Date-Time	7/9/2025 6:48:38 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

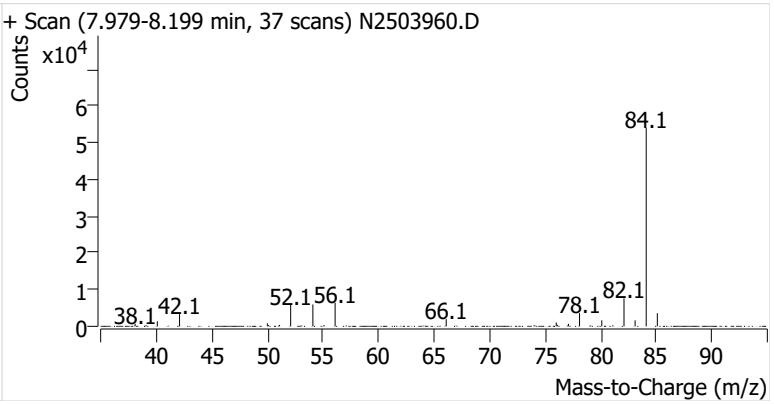
Sample Chromatogram



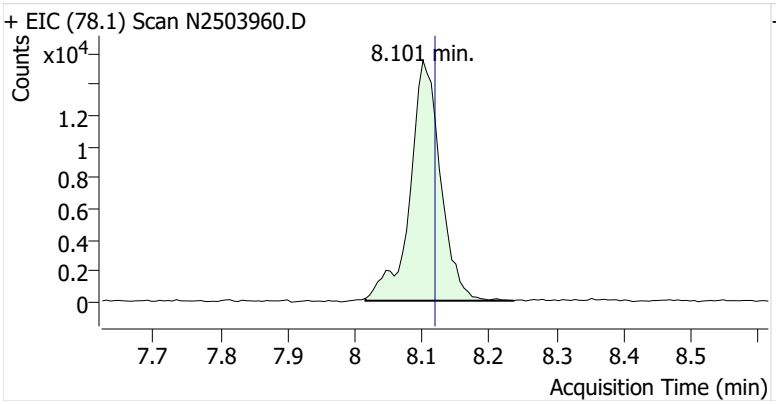
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		8.052	8.064	733,070	
Benzene	Benzene-d6 (IS)	8.101	8.119	48,932	
Toluene-d8 (IS)		10.615	10.627	1,235,864	
Toluene	Toluene-d8 (IS)	10.707	10.719	88,261	
Ethylbenzene	Toluene-d8 (IS)	12.830	12.842	14,382	
m-/p-Xylenes	Toluene-d8 (IS)	13.001	13.038	27,653	
o-Xylene	Toluene-d8 (IS)	13.497	13.509	10,810	

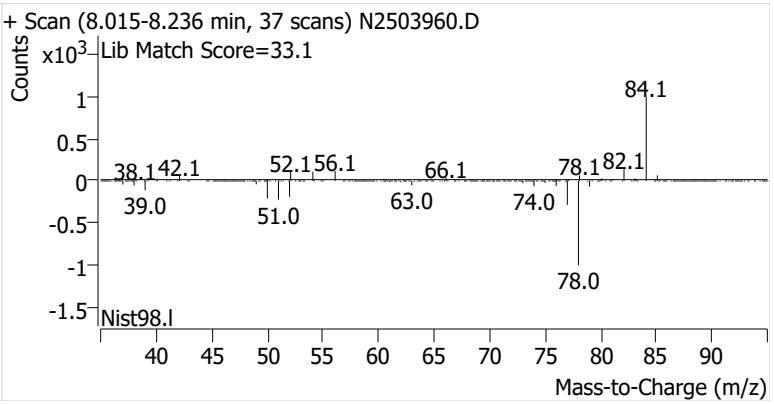
Benzene-d6 (IS)



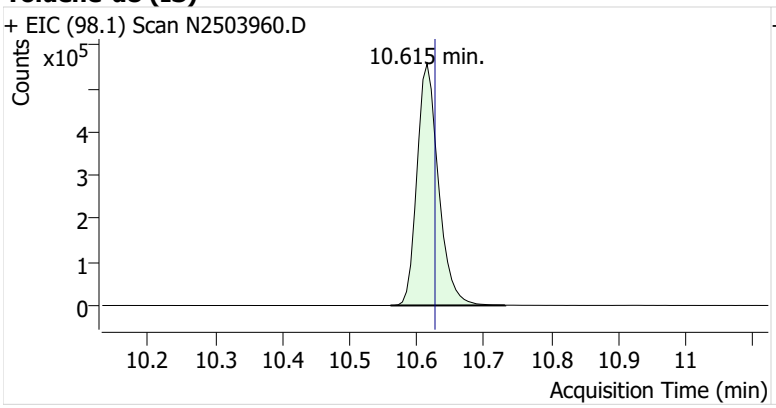


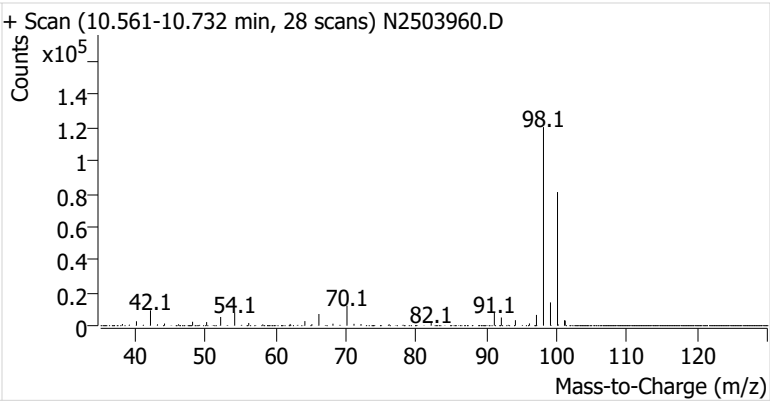
Benzene



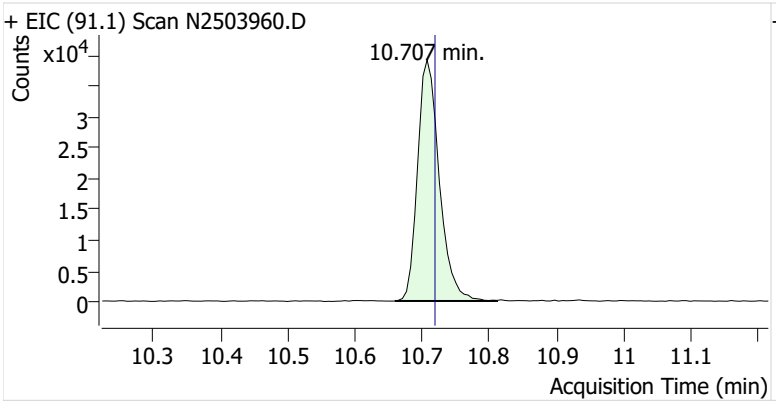


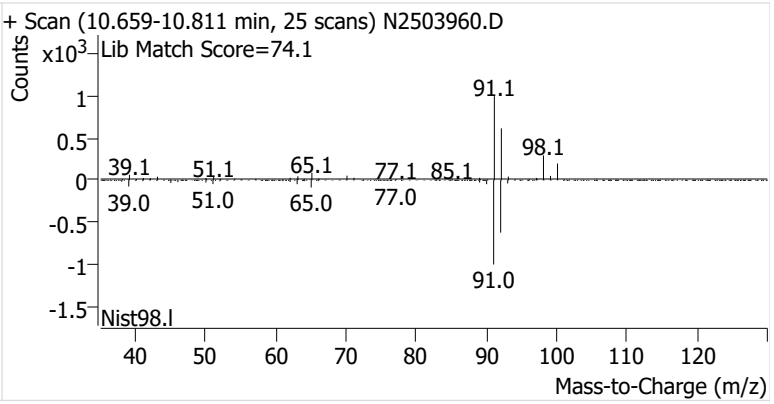
Toluene-d8 (IS)



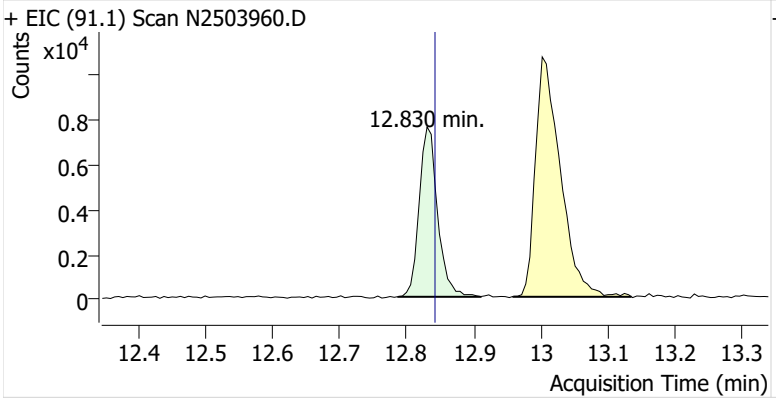


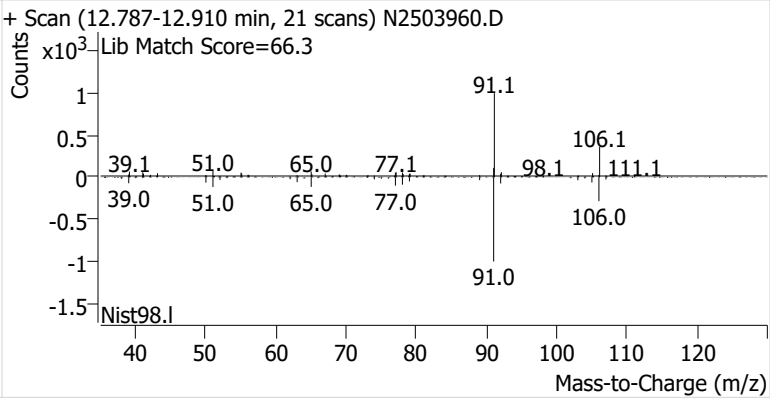
Toluene



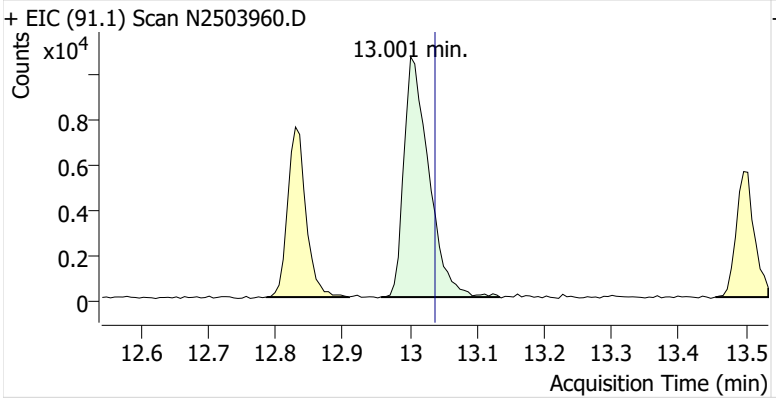


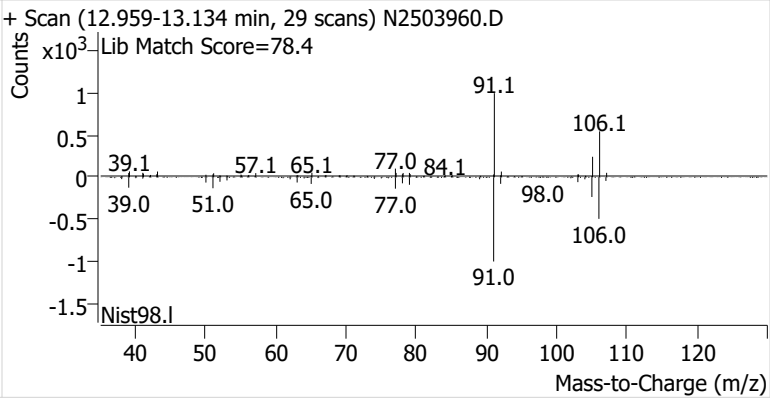
Ethylbenzene



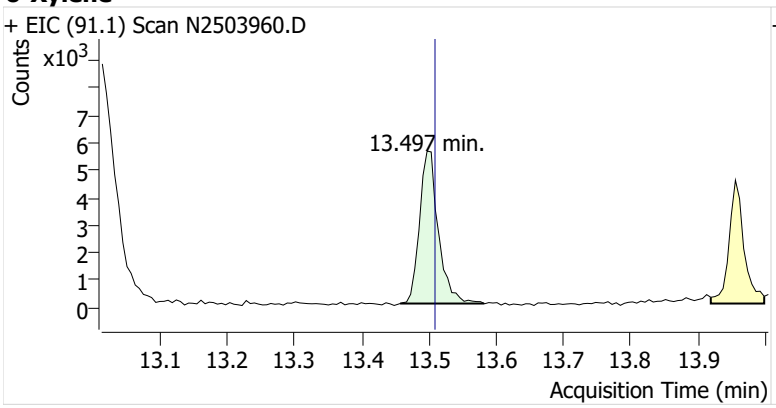


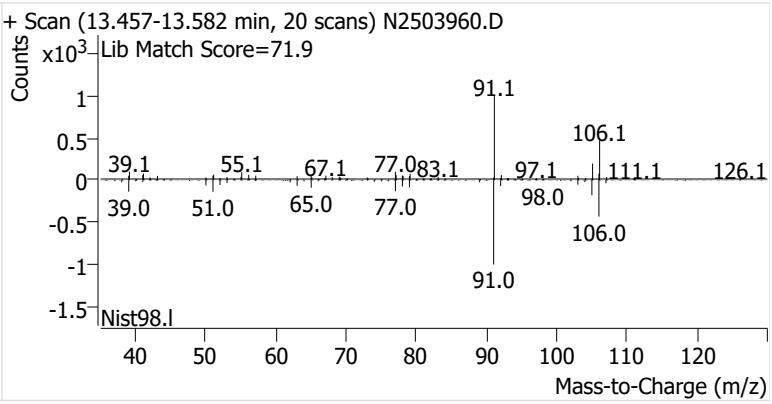
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan N2503960.D
Counts
x10^3
13.497 min.
Acquisition Time (min)


+ Scan (13.457-13.582 min, 20 scans) N2503960.D
Lib Match Score=71.9
Counts
x10^3
91.1
106.1
39.1
55.1
67.1
77.0
83.1
97.1
111.1
126.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

Initial Calibration

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW301-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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: Power Engineers, Inc.

Job No.: 2025FW301-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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

2025FW301

ENTHALPY ANALYTICAL

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

Page #1 of #2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipe Line	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
6	C38575	sample	6/18/25	10:55 AM	7/2/25	10:20 AM	JB / JB		
5	C01683	sample	6/18/25	11:01 AM	7/2/25	10:26 AM	JB / JB		
4	C43296	sample	6/18/25	11:05 AM	7/2/25	10:32 AM	JB / JB		
3	C16072	sample	6/18/25	11:09 AM	7/2/25	10:37 AM	JB / JB	*Changed filter	
2	B46105	sample	6/18/25	11:14 AM	7/2/25	10:42 AM	JB / JB		
1	C38565	sample	6/18/25	11:18 AM	7/2/25	10:46 AM	JB / JB		
1	C00684	blank	6/18/25	11:18 AM	7/2/25	10:46 AM	JB / JB		
13	C37508	sample	6/18/25	11:22 AM	7/2/25	10:51 AM	JB / JB		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Jen Bowidowicz	Jennifer Bowidowicz	7/3/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Anella Mclamy	Anella McLamy	7/7/25	2:20 PM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	**Delivery tracking #**
Good	BTEX	Y	
Ice Temp: / **Blank Temp:** 24.8° / FLUKE 4		**Add Custody Seal # below:** 24G153380	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

2025FW301

ENTHALPY ANALYTICAL

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

Page # 2 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipe Line	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #:**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
12	C59936	sample	6/18/25	11:28 AM	7/2/25	10:58 AM	JB / JB		
11	C57711	sample	6/18/25	11:33 AM	7/2/25	11:03 AM	JB / JB		
10	C43308	sample	6/18/25	11:38 AM	7/2/25	11:08 AM	JB / JB		
9	B43307	sample	6/18/25	11:42 AM	7/2/25	11:12 AM	JB / JB		
8	B48536	sample	6/18/25	11:47 AM	7/2/25	11:19 AM	JB / JB		
8	C60271	duplicate	6/18/25	11:47 AM	7/2/25	11:19 AM	JB / JB		
7	B21057	sample	6/18/25	11:52 AM	7/2/25	11:22 AM	JB / JB		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Jen Bowidowicz	Jennifer Bowidowicz	7/3/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Anella McLamy	Anella McLamy	7/7/25	2:20 PM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	**Delivery tracking #**
Good	BTEX	Y	
Ice Temp: / **Blank Temp:** 24.8° / FLUKE4		**Add Custody Seal # below:** 24G15380	

Comments: Please pull the ambient temp from the KPWM NOAA station. Thank you

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This Is The Last Page Of This Report.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 7/17/2025

Analytical Report
2025FW302

EPA Method 325B Analysis

Report Issue Date: 7/30/2025

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

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW302-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Enthalpy Analytical on July 17, 2025 at 13.1 °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
PPSP-6-S-20250702	B38395	Sample
PPSP-5-S-20250702	B48568	Sample
PPSP-4-S-20250702	C16157	Sample
PPSP-3-S-20250702	C01977	Sample
PPSP-2-S-20250702	B16347	Sample
PPSP-1-S-20250702	C43890	Sample
PPSP-1-B-20250702	C40100	Blank
PPSP-13-S-20250702	C39020	Sample
PPSP-12-S-20250702	C55340	Sample
PPSP-11-S-20250702	C39218	Sample
PPSP-10-S-20250702	C38896	Sample
PPSP-9-S-20250702	B35588	Sample
PPSP-8-S-20250702	C38590	Sample
PPSP-8-D-20250702	B50582	Duplicate
PPSP-7-S-20250702	C36894	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.

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (P041125A_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.

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW302-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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: Power Engineers, Inc.

Job No.: 2025FW302-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250702	B38395	0.615		0.985			ND	0.349	J		ND
PPSP-5-S-20250702	B48568	0.836		1.02			ND	0.293	J		ND
PPSP-4-S-20250702	C16157	0.546		0.923			ND		ND		ND
PPSP-3-S-20250702	C01977	0.439		0.831			ND	0.281	J		ND
PPSP-2-S-20250702	B16347	0.518		0.832			ND	0.283	J		ND
PPSP-1-S-20250702	C43890	0.805		0.891			ND		ND		ND
PPSP-1-B-20250702	C40100		ND		ND		ND		ND		ND
PPSP-13-S-20250702	C39020	0.429		0.816			ND		ND		ND
PPSP-12-S-20250702	C55340	0.515		0.988			ND		ND		ND
PPSP-11-S-20250702	C39218	0.910		0.792			ND		ND		ND
PPSP-10-S-20250702	C38896	1.48		1.17			ND	0.392	J		ND
PPSP-9-S-20250702	B35588	1.43		1.31			ND	0.383	J		ND
PPSP-8-S-20250702	C38590	0.677		1.18			ND	0.307	J		ND
PPSP-8-D-20250702	B50582	0.721		1.13			ND	0.318	J		ND
PPSP-7-S-20250702	C36894	0.570		1.55			ND	0.369	J		ND

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: Power Engineers, Inc.

Job No.: 2025FW302-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250702	B38395	0.615	0.193	8.27	70.7	0.666	20182	0.186	0.369	0.0583	0.116		P2504585.D	2025-07-21 14:32	0.883	8.420	51095	631950	90.3	8.361	-0.3%
PPSP-5-S-20250702	B48568	0.836	0.262	11.2	70.7	0.666	20181	0.186	0.369	0.0583	0.116		P2504586.D	2025-07-21 15:10	0.883	8.414	69873	635628	90.3	8.361	0.3%
PPSP-4-S-20250702	C16157	0.546	0.171	7.34	70.7	0.666	20179	0.186	0.369	0.0583	0.116		P2504587.D	2025-07-21 15:47	0.883	8.414	43091	600282	90.3	8.367	-5.3%
PPSP-3-S-20250702	C01977	0.439	0.138	5.90	70.7	0.666	20179	0.186	0.369	0.0583	0.116		P2504588.D	2025-07-21 16:24	0.883	8.420	35701	618141	90.3	8.367	-2.5%
PPSP-2-S-20250702	B16347	0.518	0.162	6.96	70.7	0.666	20179	0.186	0.369	0.0583	0.116		P2504589.D	2025-07-21 17:02	0.883	8.420	43075	632360	90.3	8.361	-0.3%
PPSP-1-S-20250702	C43890	0.805	0.252	10.8	70.7	0.666	20179	0.186	0.369	0.0583	0.116		P2504590.D	2025-07-21 17:39	0.883	8.414	66023	623804	90.3	8.367	-1.6%
PPSP-1-B-20250702	C40100				70.7	0.666	20179	0.186	0.369	0.0583	0.116	ND	P2504584.D	2025-07-21 13:54	0.883	8.420	2634	624275	90.3	8.355	-1.5%
PPSP-13-S-20250702	C39020	0.429	0.134	5.76	70.7	0.666	20179	0.186	0.369	0.0583	0.116		P2504591.D	2025-07-21 18:17	0.883	8.420	34998	621012	90.3	8.361	-2.0%
PPSP-12-S-20250702	C55340	0.515	0.161	6.92	70.7	0.666	20179	0.186	0.369	0.0583	0.116		P2504592.D	2025-07-21 18:54	0.883	8.414	42816	632464	90.3	8.367	-0.2%
PPSP-11-S-20250702	C39218	0.910	0.285	12.2	70.7	0.666	20179	0.186	0.369	0.0583	0.116		P2504593.D	2025-07-21 19:32	0.883	8.414	74032	619089	90.3	8.361	-2.3%
PPSP-10-S-20250702	C38896	1.48	0.462	19.8	70.7	0.666	20179	0.186	0.369	0.0583	0.116		P2504595.D	2025-07-21 20:46	0.883	8.420	120052	618905	90.3	8.361	-2.4%
PPSP-9-S-20250702	B35588	1.43	0.447	19.2	70.7	0.666	20179	0.186	0.369	0.0583	0.116		P2504596.D	2025-07-21 21:24	0.883	8.414	115243	614742	90.3	8.361	-3.0%
PPSP-8-S-20250702	C38590	0.677	0.212	9.10	70.7	0.666	20177	0.186	0.369	0.0583	0.116		P2504597.D	2025-07-21 22:01	0.883	8.414	55381	622052	90.3	8.361	-1.9%
PPSP-8-D-20250702	B50582	0.721	0.226	9.68	70.7	0.666	20177	0.186	0.369	0.0583	0.116		P2504598.D	2025-07-21 22:38	0.883	8.414	57876	611062	90.3	8.355	-3.6%
PPSP-7-S-20250702	C36894	0.570	0.178	7.65	70.7	0.666	20178	0.186	0.369	0.0583	0.116		P2504599.D	2025-07-21 23:15	0.883	8.414	47177	630142	90.3	8.355	-0.6%

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
PPSP-6-S-20250702	B38395	0.985	0.262	10.3	70.7	0.517	20182	0.240	0.514	0.0636	0.137		P2504585.D	2025-07-21 14:32	0.906	11.014	66335	750192	105.3	10.919	-3.8%
PPSP-5-S-20250702	B48568	1.02	0.270	10.6	70.7	0.517	20181	0.240	0.514	0.0636	0.137		P2504586.D	2025-07-21 15:10	0.906	11.014	68594	751282	105.3	10.925	-3.7%
PPSP-4-S-20250702	C16157	0.923	0.245	9.63	70.7	0.517	20179	0.240	0.514	0.0636	0.137		P2504587.D	2025-07-21 15:47	0.906	11.014	61869	746599	105.3	10.925	-4.3%
PPSP-3-S-20250702	C01977	0.831	0.221	8.66	70.7	0.517	20179	0.240	0.514	0.0636	0.137		P2504588.D	2025-07-21 16:24	0.906	11.020	55767	748135	105.3	10.925	-4.1%
PPSP-2-S-20250702	B16347	0.832	0.221	8.68	70.7	0.517	20179	0.240	0.514	0.0636	0.137		P2504589.D	2025-07-21 17:02	0.906	11.020	56555	757781	105.3	10.925	-2.9%
PPSP-1-S-20250702	C43890	0.891	0.237	9.30	70.7	0.517	20179	0.240	0.514	0.0636	0.137		P2504590.D	2025-07-21 17:39	0.906	11.020	60142	752031	105.3	10.925	-3.6%
PPSP-1-B-20250702	C40100				70.7	0.517	20179	0.240	0.514	0.0636	0.137	ND	P2504584.D	2025-07-21 13:54	0.906	11.008	13321	747327	105.3	10.919	-4.2%
PPSP-13-S-20250702	C39020	0.816	0.217	8.51	70.7	0.517	20179	0.240	0.514	0.0636	0.137		P2504591.D	2025-07-21 18:17	0.906	11.020	55203	753991	105.3	10.925	-3.4%
PPSP-12-S-20250702	C55340	0.988	0.262	10.3	70.7	0.517	20179	0.240	0.514	0.0636	0.137		P2504592.D	2025-07-21 18:54	0.906	11.020	66971	755358	105.3	10.925	-3.2%
PPSP-11-S-20250702	C39218	0.792	0.210	8.26	70.7	0.517	20179	0.240	0.514	0.0636	0.137		P2504593.D	2025-07-21 19:32	0.906	11.020	53536	752968	105.3	10.919	-3.5%
PPSP-10-S-20250702	C38896	1.17	0.312	12.3	70.7	0.517	20179	0.240	0.514	0.0636	0.137		P2504595.D	2025-07-21 20:46	0.906	11.020	77890	738828	105.3	10.925	-5.3%
PPSP-9-S-20250702	B35588	1.31	0.347	13.6	70.7	0.517	20179	0.240	0.514	0.0636	0.137		P2504596.D	2025-07-21 21:24	0.906	11.020	87728	747451	105.3	10.925	-4.2%
PPSP-8-S-20250702	C38590	1.18	0.312	12.3	70.7	0.517	20177	0.240	0.514	0.0636	0.137		P2504597.D	2025-07-21 22:01	0.906	11.014	78571	744742	105.3	10.925	-4.5%
PPSP-8-D-20250702	B50582	1.13	0.301	11.8	70.7	0.517	20177	0.240	0.514	0.0636	0.137		P2504598.D	2025-07-21 22:38	0.906	11.014	77221	760110	105.3	10.919	-2.6%
PPSP-7-S-20250702	C36894	1.55	0.411	16.2	70.7	0.517	20178	0.240	0.514	0.0636	0.137		P2504599.D	2025-07-21 23:15	0.906	11.014	105913	762013	105.3	10.919	-2.3%

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
PPSP-6-S-20250702	B38395				70.7	0.457	20182	0.271	0.559	0.0624	0.129	ND	P2504585.D	2025-07-21 14:32	1.040	13.151	8491	750192	105.3	10.919	-3.8%
PPSP-5-S-20250702	B48568				70.7	0.457	20181	0.271	0.559	0.0624	0.129	ND	P2504586.D	2025-07-21 15:10	1.040	13.145	8096	751282	105.3	10.925	-3.7%
PPSP-4-S-20250702	C16157				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504587.D	2025-07-21 15:47	1.040	13.151	8783	746599	105.3	10.925	-4.3%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW302-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20250702	C01977				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504588.D	2025-07-21 16:24	1.040	13.145	8671	748135	105.3	10.925	-4.1%
PPSP-2-S-20250702	B16347				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504589.D	2025-07-21 17:02	1.040	13.151	7001	757781	105.3	10.925	-2.9%
PPSP-1-S-20250702	C43890				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504590.D	2025-07-21 17:39	1.040	13.145	6159	752031	105.3	10.925	-3.6%
PPSP-1-B-20250702	C40100				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504584.D	2025-07-21 13:54	1.040	13.163	1630	747327	105.3	10.919	-4.2%
PPSP-13-S-20250702	C39020				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504591.D	2025-07-21 18:17	1.040	13.151	5487	753991	105.3	10.925	-3.4%
PPSP-12-S-20250702	C55340				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504592.D	2025-07-21 18:54	1.040	13.151	4129	755358	105.3	10.925	-3.2%
PPSP-11-S-20250702	C39218				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504593.D	2025-07-21 19:32	1.040	13.139	5140	752968	105.3	10.919	-3.5%
PPSP-10-S-20250702	C38896				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504595.D	2025-07-21 20:46	1.040	13.145	11564	738828	105.3	10.925	-5.3%
PPSP-9-S-20250702	B35588				70.7	0.457	20179	0.271	0.559	0.0624	0.129	ND	P2504596.D	2025-07-21 21:24	1.040	13.145	9396	747451	105.3	10.925	-4.2%
PPSP-8-S-20250702	C38590				70.7	0.457	20177	0.271	0.559	0.0624	0.129	ND	P2504597.D	2025-07-21 22:01	1.040	13.151	7576	744742	105.3	10.925	-4.5%
PPSP-8-D-20250702	B50582				70.7	0.457	20177	0.271	0.559	0.0624	0.129	ND	P2504598.D	2025-07-21 22:38	1.040	13.145	7139	760110	105.3	10.919	-2.6%
PPSP-7-S-20250702	C36894				70.7	0.457	20178	0.271	0.559	0.0624	0.129	ND	P2504599.D	2025-07-21 23:15	1.040	13.139	9626	762013	105.3	10.919	-2.3%

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
PPSP-6-S-20250702	B38395	0.349	0.0803	3.22	70.7	0.457	20182	0.271	0.528	0.0624	0.122	J	P2504585.D	2025-07-21 14:32	0.748	13.311	17147	750192	105.3	10.919	-3.8%
PPSP-5-S-20250702	B48568	0.293	0.0675	2.70	70.7	0.457	20181	0.271	0.528	0.0624	0.122	J	P2504586.D	2025-07-21 15:10	0.748	13.323	14429	751282	105.3	10.925	-3.7%
PPSP-4-S-20250702	C16157				70.7	0.457	20179	0.271	0.528	0.0624	0.122	ND	P2504587.D	2025-07-21 15:47	0.748	13.323	12806	746599	105.3	10.925	-4.3%
PPSP-3-S-20250702	C01977	0.281	0.0648	2.59	70.7	0.457	20179	0.271	0.528	0.0624	0.122	J	P2504588.D	2025-07-21 16:24	0.748	13.317	13794	748135	105.3	10.925	-4.1%
PPSP-2-S-20250702	B16347	0.283	0.0652	2.61	70.7	0.457	20179	0.271	0.528	0.0624	0.122	J	P2504589.D	2025-07-21 17:02	0.748	13.323	14068	757781	105.3	10.925	-2.9%
PPSP-1-S-20250702	C43890				70.7	0.457	20179	0.271	0.528	0.0624	0.122	ND	P2504590.D	2025-07-21 17:39	0.748	13.323	11548	752031	105.3	10.925	-3.6%
PPSP-1-B-20250702	C40100				70.7	0.457	20179	0.271	0.528	0.0624	0.122	ND	P2504584.D	2025-07-21 13:54	0.748	13.335	647	747327	105.3	10.919	-4.2%
PPSP-13-S-20250702	C39020				70.7	0.457	20179	0.271	0.528	0.0624	0.122	ND	P2504591.D	2025-07-21 18:17	0.748	13.317	9077	753991	105.3	10.925	-3.4%
PPSP-12-S-20250702	C55340				70.7	0.457	20179	0.271	0.528	0.0624	0.122	ND	P2504592.D	2025-07-21 18:54	0.748	13.329	8911	755358	105.3	10.925	-3.2%
PPSP-11-S-20250702	C39218				70.7	0.457	20179	0.271	0.528	0.0624	0.122	ND	P2504593.D	2025-07-21 19:32	0.748	13.317	10030	752968	105.3	10.919	-3.5%
PPSP-10-S-20250702	C38896	0.392	0.0903	3.62	70.7	0.457	20179	0.271	0.528	0.0624	0.122	J	P2504595.D	2025-07-21 20:46	0.748	13.311	18990	738828	105.3	10.925	-5.3%
PPSP-9-S-20250702	B35588	0.383	0.0882	3.53	70.7	0.457	20179	0.271	0.528	0.0624	0.122	J	P2504596.D	2025-07-21 21:24	0.748	13.311	18756	747451	105.3	10.925	-4.2%
PPSP-8-S-20250702	C38590	0.307	0.0708	2.83	70.7	0.457	20177	0.271	0.528	0.0624	0.122	J	P2504597.D	2025-07-21 22:01	0.748	13.323	15003	744742	105.3	10.925	-4.5%
PPSP-8-D-20250702	B50582	0.318	0.0732	2.93	70.7	0.457	20177	0.271	0.528	0.0624	0.122	J	P2504598.D	2025-07-21 22:38	0.748	13.317	15838	760110	105.3	10.919	-2.6%
PPSP-7-S-20250702	C36894	0.369	0.0851	3.41	70.7	0.457	20178	0.271	0.528	0.0624	0.122	J	P2504599.D	2025-07-21 23:15	0.748	13.323	18455	762013	105.3	10.919	-2.3%

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
PPSP-6-S-20250702	B38395				70.7	0.457	20182	0.271	0.550	0.0624	0.127	ND	P2504585.D	2025-07-21 14:32	0.777	13.804	7302	750192	105.3	10.919	-3.8%
PPSP-5-S-20250702	B48568				70.7	0.457	20181	0.271	0.551	0.0624	0.127	ND	P2504586.D	2025-07-21 15:10	0.777	13.810	5724	751282	105.3	10.925	-3.7%
PPSP-4-S-20250702	C16157				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504587.D	2025-07-21 15:47	0.777	13.804	4345	746599	105.3	10.925	-4.3%
PPSP-3-S-20250702	C01977				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504588.D	2025-07-21 16:24	0.777	13.809	4917	748135	105.3	10.925	-4.1%
PPSP-2-S-20250702	B16347				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504589.D	2025-07-21 17:02	0.777	13.804	5443	757781	105.3	10.925	-2.9%
PPSP-1-S-20250702	C43890				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504590.D	2025-07-21 17:39	0.777	13.815	4487	752031	105.3	10.925	-3.6%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW302-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20250702	C40100				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504584.D	2025-07-21 13:54	0.777	13.821	949	747327	105.3	10.919	-4.2%
PPSP-13-S-20250702	C39020				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504591.D	2025-07-21 18:17	0.777	13.804	4029	753991	105.3	10.925	-3.4%
PPSP-12-S-20250702	C55340				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504592.D	2025-07-21 18:54	0.777	13.810	3532	755358	105.3	10.925	-3.2%
PPSP-11-S-20250702	C39218				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504593.D	2025-07-21 19:32	0.777	13.810	3770	752968	105.3	10.919	-3.5%
PPSP-10-S-20250702	C38896				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504595.D	2025-07-21 20:46	0.777	13.798	10177	738828	105.3	10.925	-5.3%
PPSP-9-S-20250702	B35588				70.7	0.457	20179	0.271	0.551	0.0624	0.127	ND	P2504596.D	2025-07-21 21:24	0.777	13.810	7228	747451	105.3	10.925	-4.2%
PPSP-8-S-20250702	C38590				70.7	0.457	20177	0.271	0.551	0.0624	0.127	ND	P2504597.D	2025-07-21 22:01	0.777	13.803	5132	744742	105.3	10.925	-4.5%
PPSP-8-D-20250702	B50582				70.7	0.457	20177	0.271	0.551	0.0624	0.127	ND	P2504598.D	2025-07-21 22:38	0.777	13.809	5926	760110	105.3	10.919	-2.6%
PPSP-7-S-20250702	C36894				70.7	0.457	20178	0.271	0.551	0.0624	0.127	ND	P2504599.D	2025-07-21 23:15	0.777	13.809	6680	762013	105.3	10.919	-2.3%

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: Power Engineers, Inc.
Job No.: 2025FW302-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250702	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250702	6.2%	Pass	3.8%	Pass	ND	Pass	3.4%	Pass	ND	Pass

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW302-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	P2504582.D	C40160	Cal	0.883	0.896	0.883	-1.4%	-18%		Pass	
2025FW302 Method Blank-1	P2504583.D	B49621	Blank		0.896	0.883			-0.80%	Pass	ND
M325B CCV 5	P2504594.D	B15417	Check	0.885	0.896	0.883	-1.2%		-0.14%	Pass	
M325B CCV 5	P2504600.D	C40574	Check	0.821	0.896	0.883	-8.4%		-2.8%	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	P2504582.D	C40160	Cal	0.906	0.887	0.906	2.2%	-18%		Pass	
2025FW302 Method Blank-1	P2504583.D	B49621	Blank		0.887	0.906			-2.8%	Pass	J
M325B CCV 5	P2504594.D	B15417	Check	0.921	0.887	0.906	3.9%		-2.8%	Pass	
M325B CCV 5	P2504600.D	C40574	Check	0.818	0.887	0.906	-7.7%		-3.0%	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	P2504582.D	C40160	Cal	1.040	1.034	1.040	0.67%	-18%		Pass	
2025FW302 Method Blank-1	P2504583.D	B49621	Blank		1.034	1.040			-2.8%	Pass	ND
M325B CCV 5	P2504594.D	B15417	Check	1.033	1.034	1.040	-0.027%		-2.8%	Pass	
M325B CCV 5	P2504600.D	C40574	Check	0.905	1.034	1.040	-12%		-3.0%	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	P2504582.D	C40160	Cal	0.748	0.792	0.748	-5.5%	-18%		Pass	
2025FW302 Method Blank-1	P2504583.D	B49621	Blank		0.792	0.748			-2.8%	Pass	ND
M325B CCV 5	P2504594.D	B15417	Check	0.739	0.792	0.748	-6.7%		-2.8%	Pass	
M325B CCV 5	P2504600.D	C40574	Check	0.715	0.792	0.748	-9.7%		-3.0%	Pass	

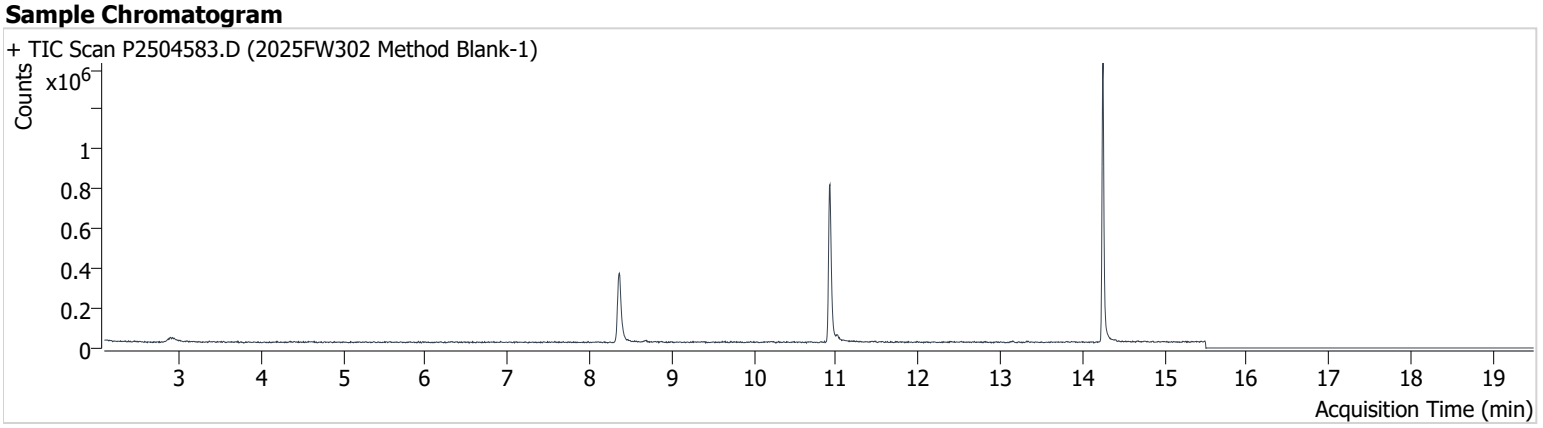
o-Xylene Calibration and Blanks

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	P2504582.D	C40160	Cal	0.777	0.833	0.777	-6.8%	-18%		Pass	
2025FW302 Method Blank-1	P2504583.D	B49621	Blank		0.833	0.777			-2.8%	Pass	ND
M325B CCV 5	P2504594.D	B15417	Check	0.784	0.833	0.777	-5.9%		-2.8%	Pass	
M325B CCV 5	P2504600.D	C40574	Check	0.717	0.833	0.777	-14%		-3.0%	Pass	

Chromatograms

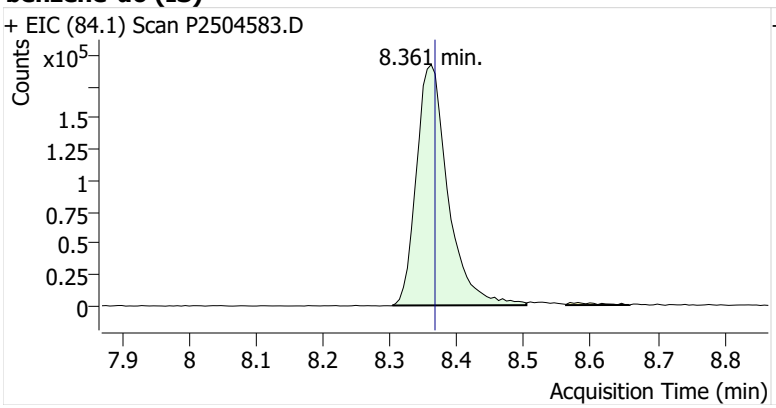
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Comment	B49621
Data File	P2504583.D
Acq. Date-Time	7/21/2025 1:17:41 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

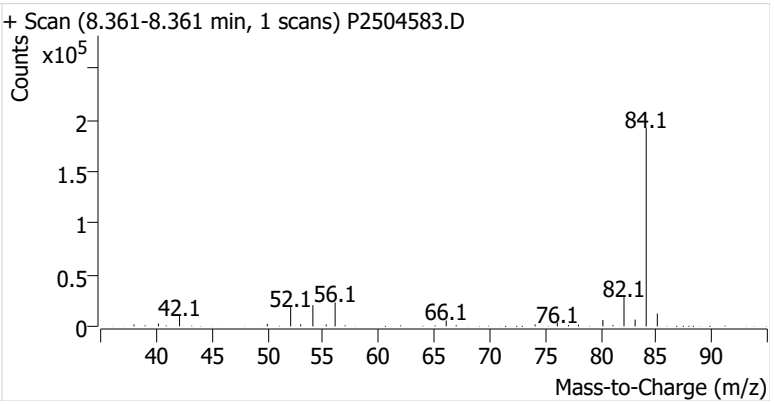
Sample Chromatogram



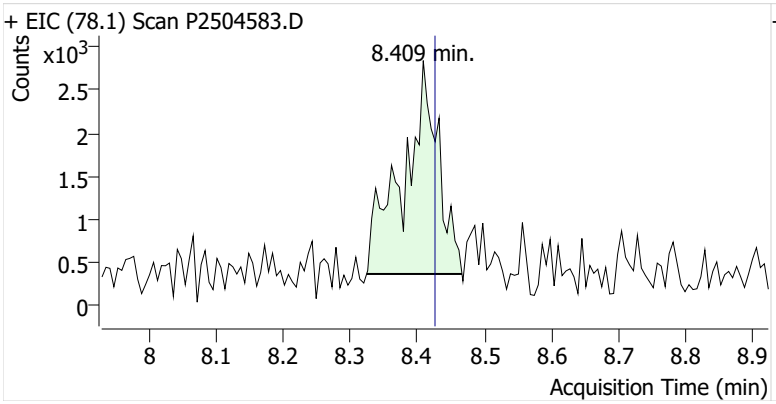
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.361	8.367	628,942	
Benzene	benzene-d6 (IS)	8.409	8.426	8,987	
Toluene-d8 (IS)		10.925	10.931	758,661	
Toluene	Toluene-d8 (IS)	11.020	11.020	22,586	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.151	3,316	
m-/p-Xylenes	Toluene-d8 (IS)	13.317	13.341	2,474	
o-Xylene	Toluene-d8 (IS)	13.810	13.809	1,005	

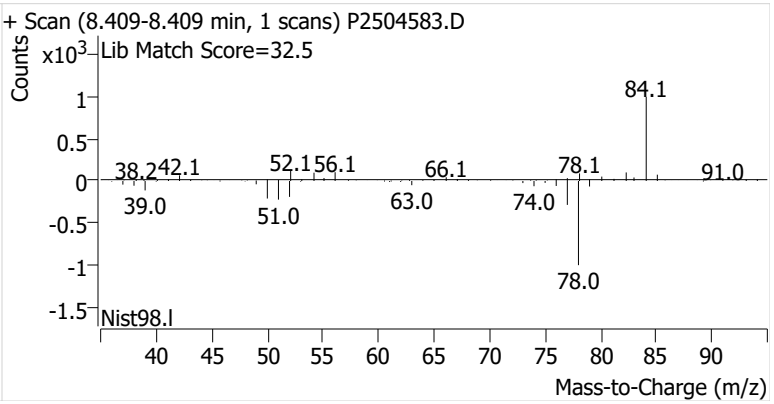
benzene-d6 (IS)



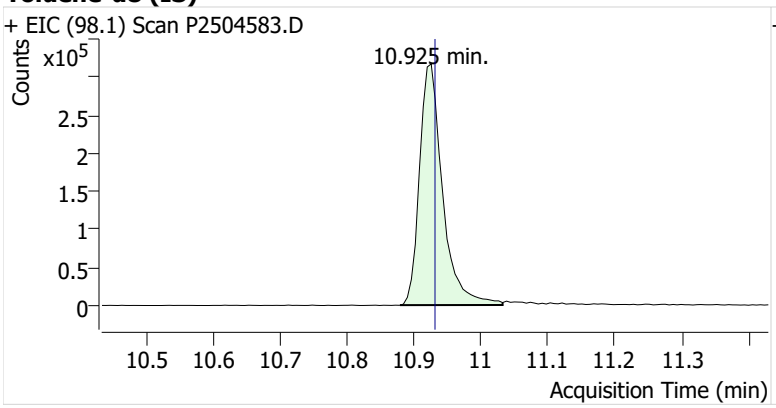


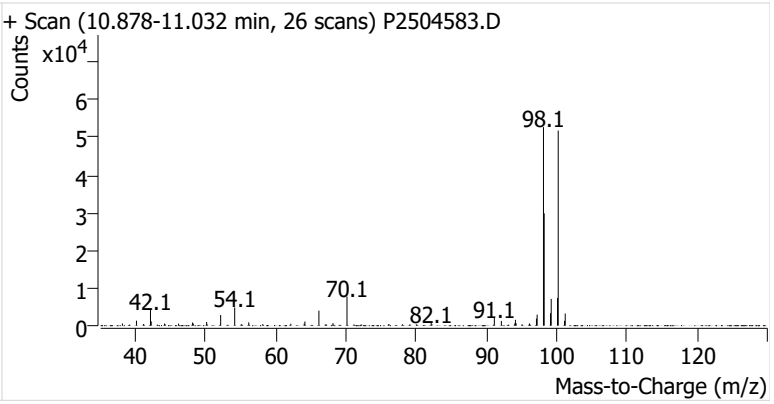
Benzene



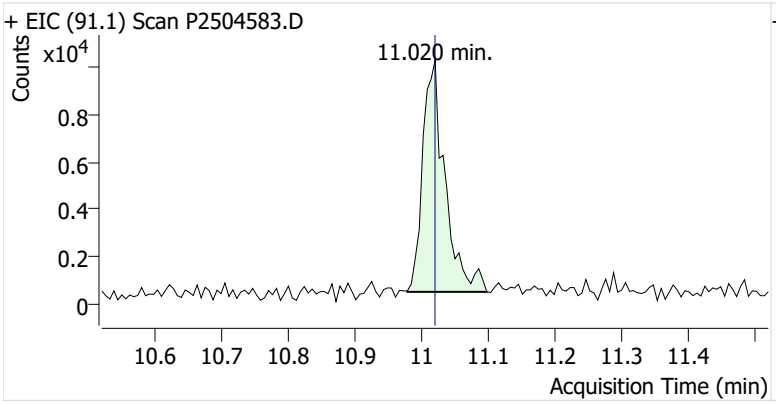


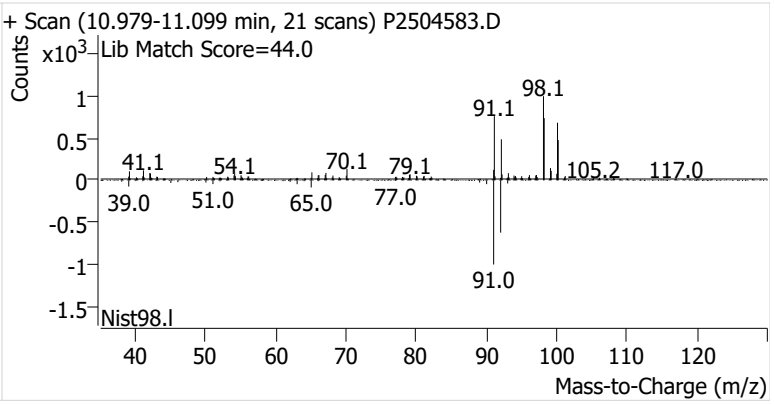
Toluene-d8 (IS)



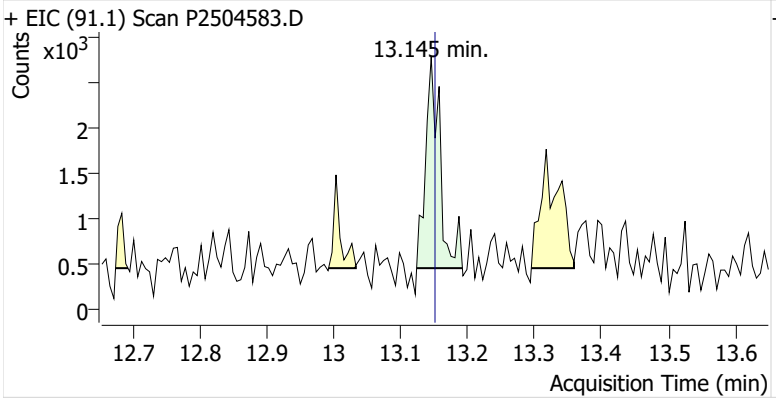


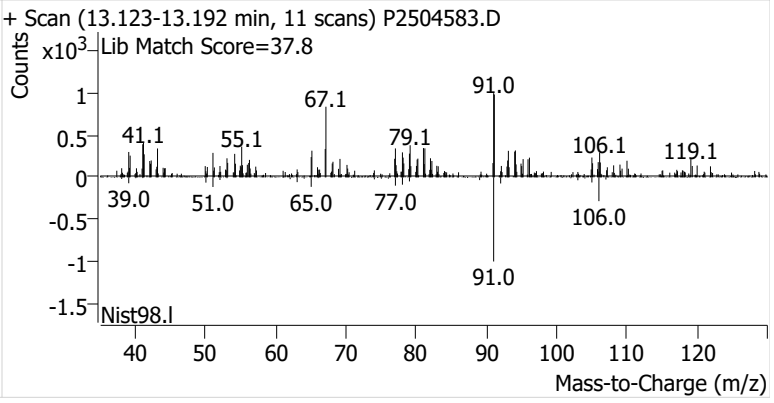
Toluene



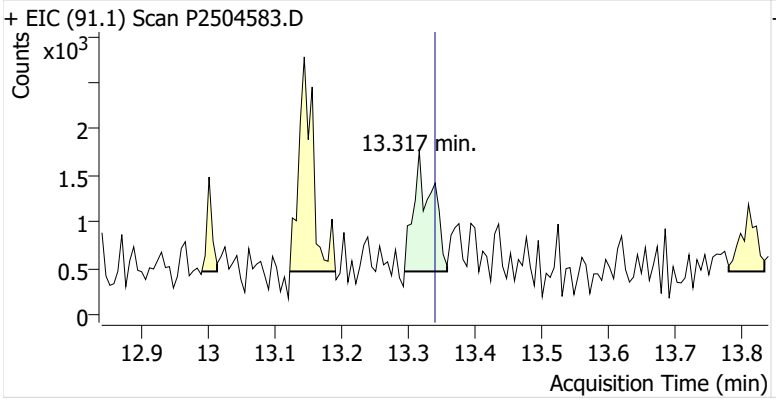


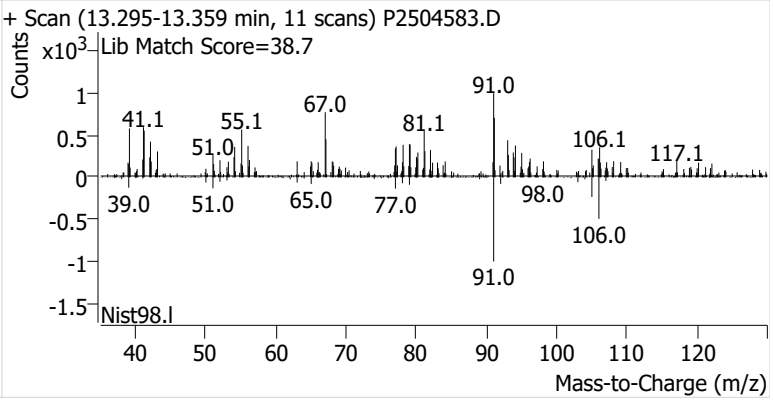
Ethylbenzene



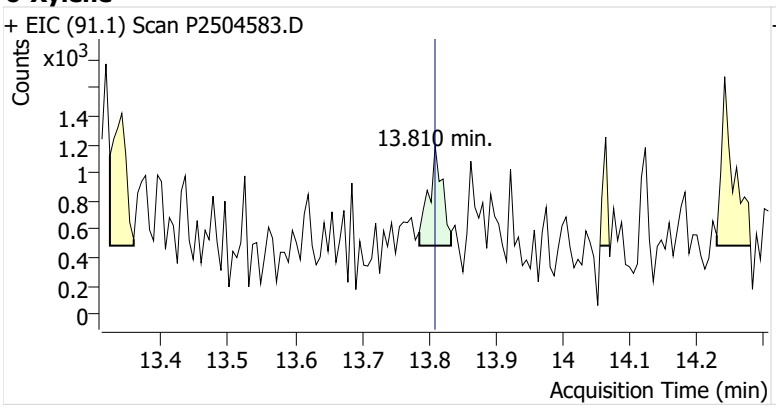


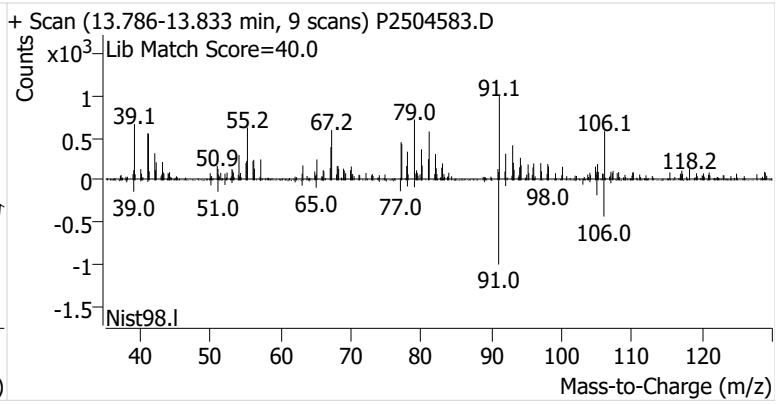
m-/p-Xylenes





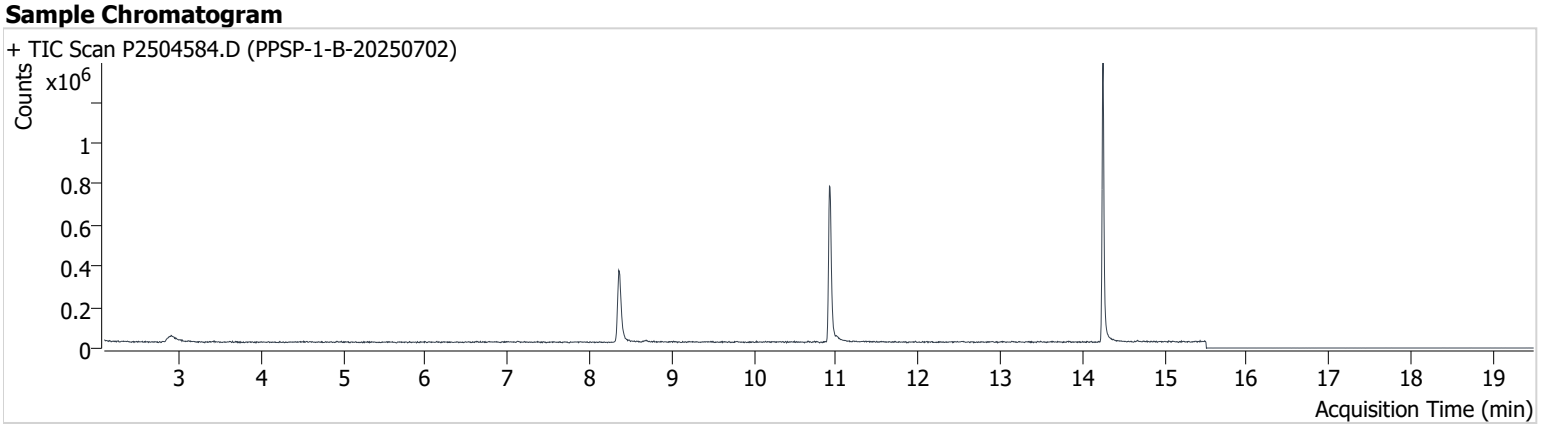
o-Xylene


+ EIC (91.1) Scan P2504583.D
Counts
x10^3
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.810 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.786-13.833 min, 9 scans) P2504583.D
Lib Match Score=40.0
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
39.1
55.2
67.2
79.0
91.1
106.1
118.2
50.9
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

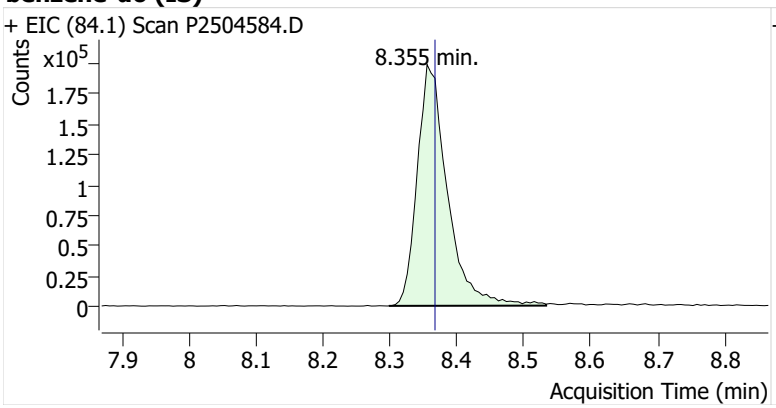
Name	PPSP-1-B-20250702
Comment	C40100
Data File	P2504584.D
Acq. Date-Time	7/21/2025 1:54:58 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

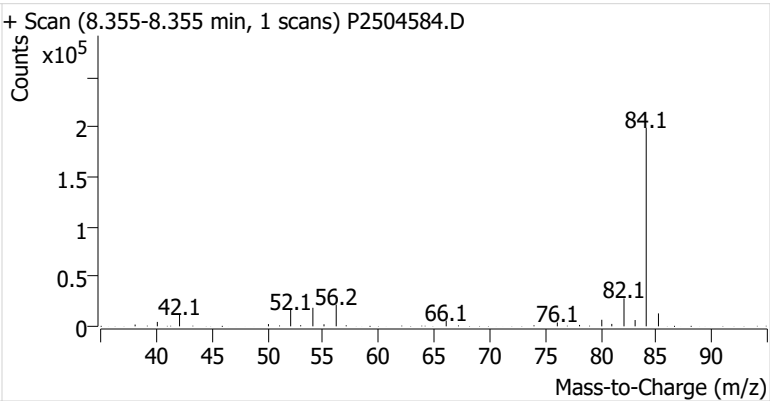
Sample Chromatogram



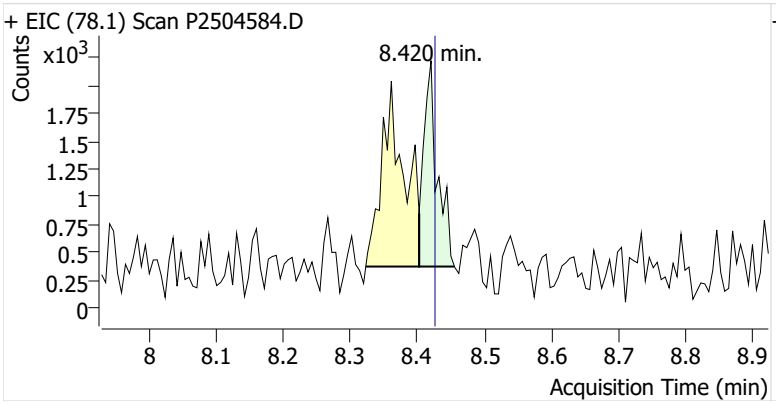
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.355	8.367	624,275	
Benzene	benzene-d6 (IS)	8.420	8.426	2,634	
Toluene-d8 (IS)		10.919	10.931	747,327	
Toluene	Toluene-d8 (IS)	11.008	11.020	13,321	
Ethylbenzene	Toluene-d8 (IS)	13.163	13.151	1,630	
m-/p-Xylenes	Toluene-d8 (IS)	13.335	13.341	647	
o-Xylene	Toluene-d8 (IS)	13.821	13.809	949	

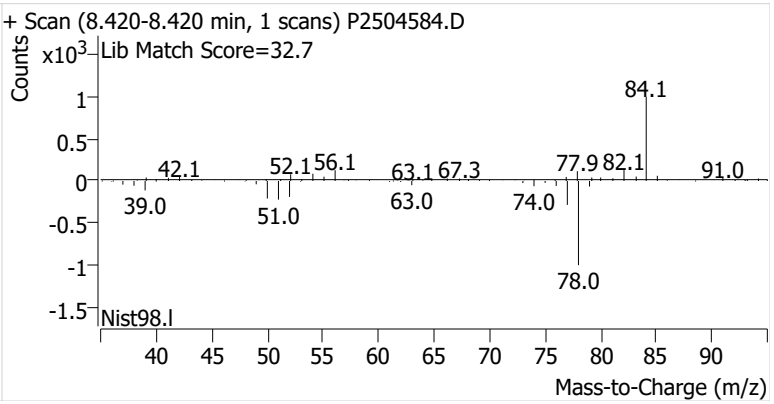
benzene-d6 (IS)



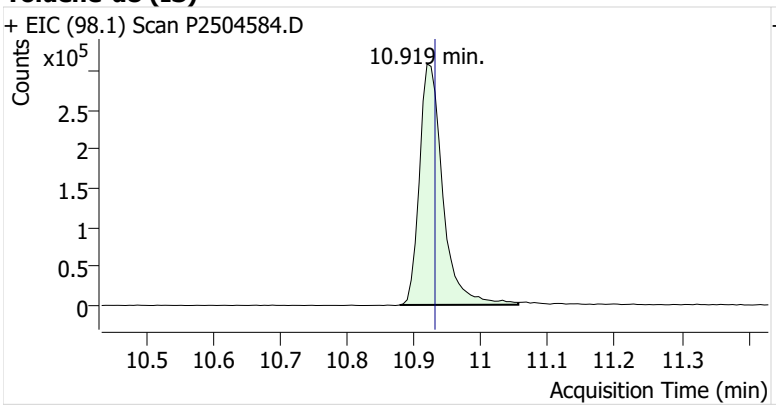


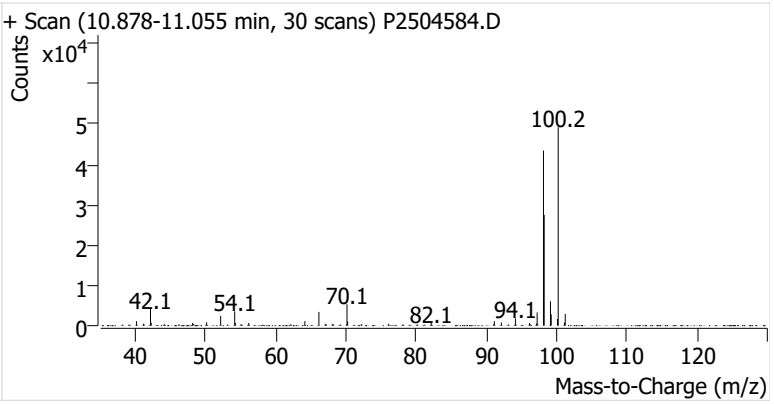
Benzene



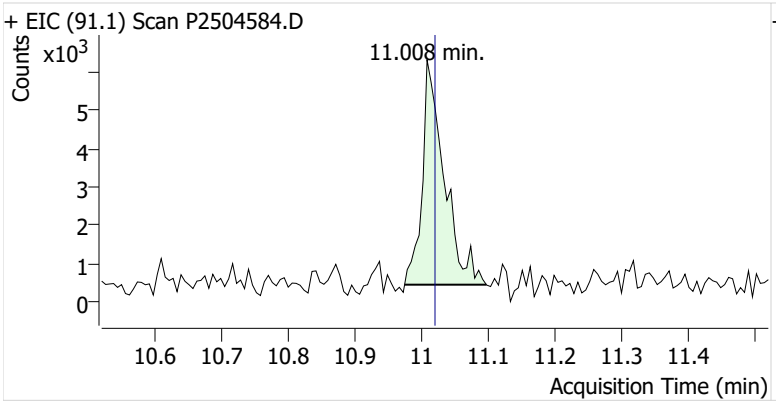


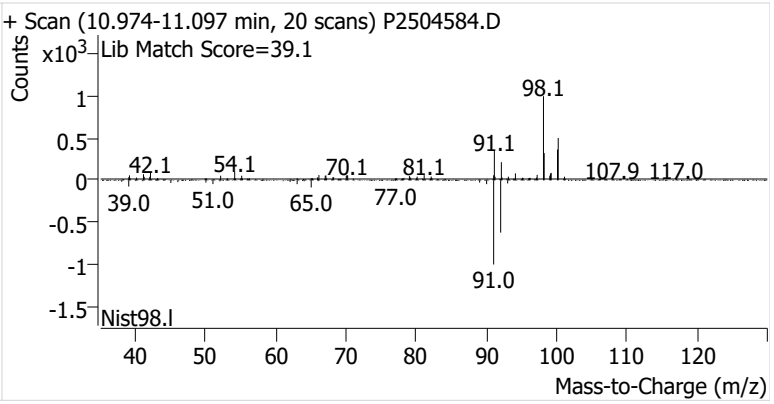
Toluene-d8 (IS)



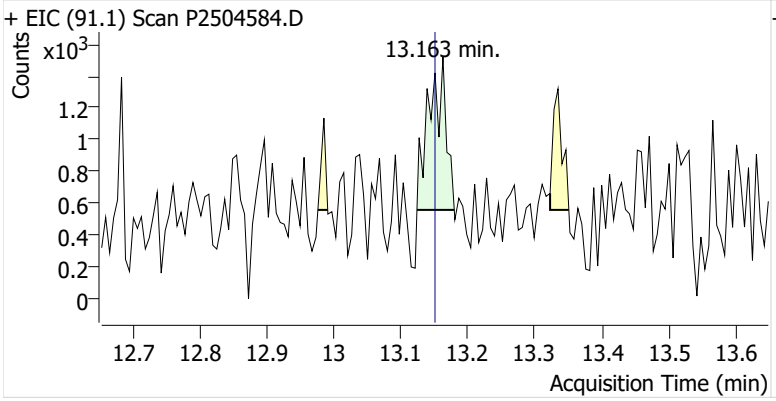


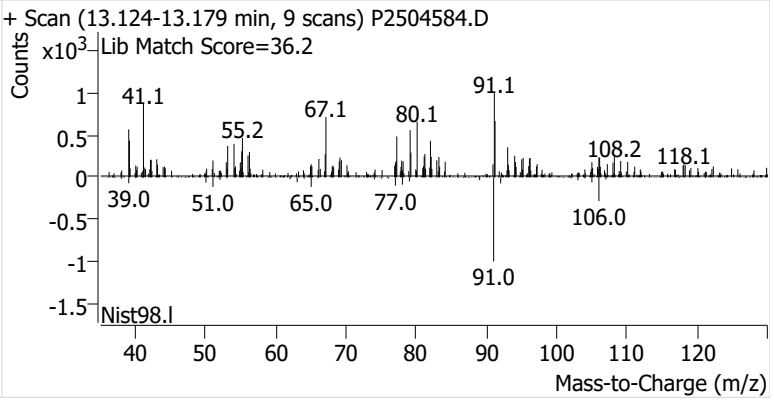
Toluene



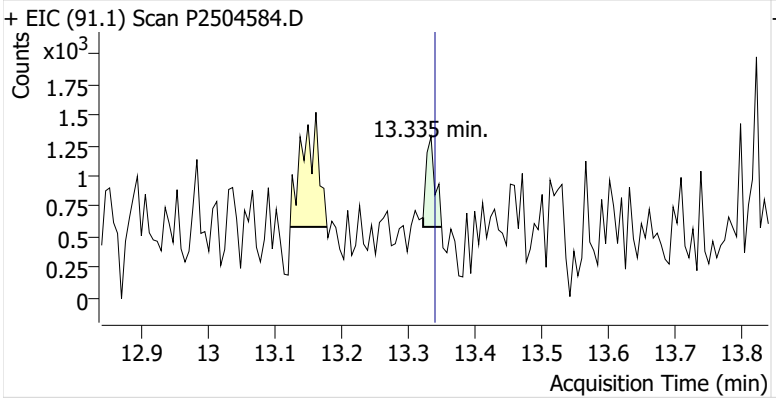


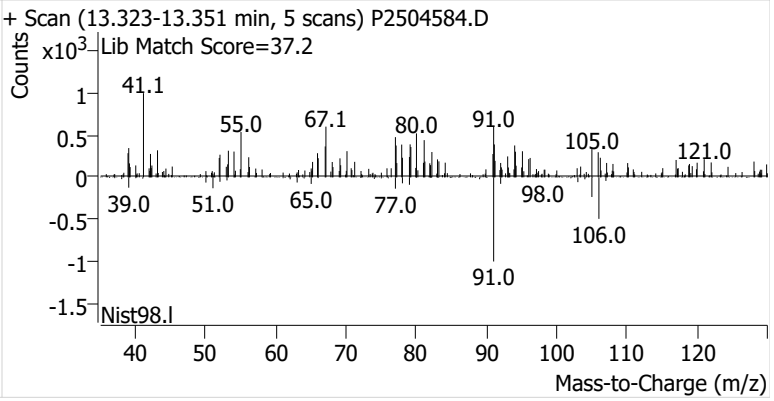
Ethylbenzene



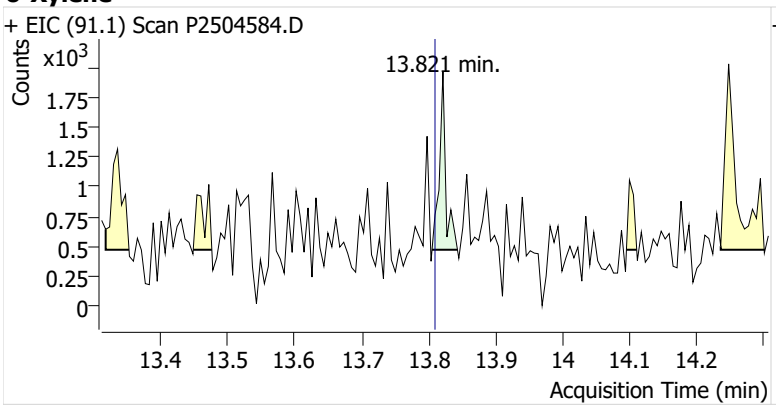


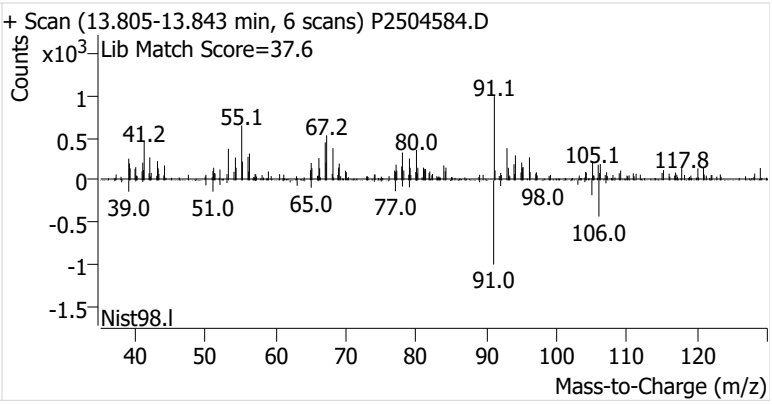
m-/p-Xylenes





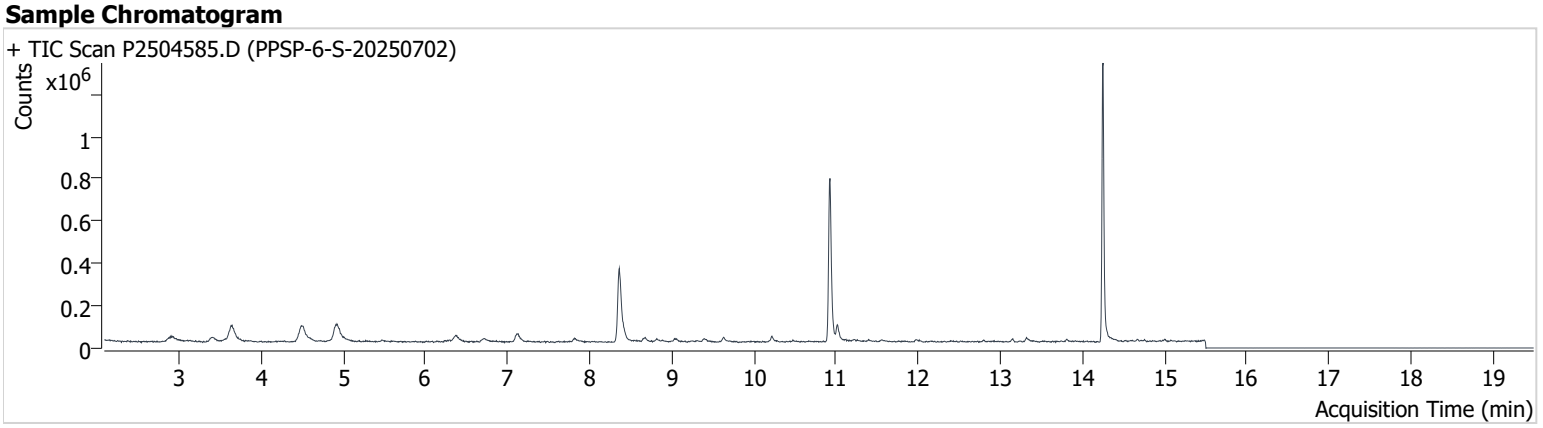
o-Xylene


+ EIC (91.1) Scan P2504584.D
Counts
x10^3
13.821 min.
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.805-13.843 min, 6 scans) P2504584.D
Counts
x10^3
Lib Match Score=37.6
91.1
55.1
41.2
67.2
80.0
105.1
117.8
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

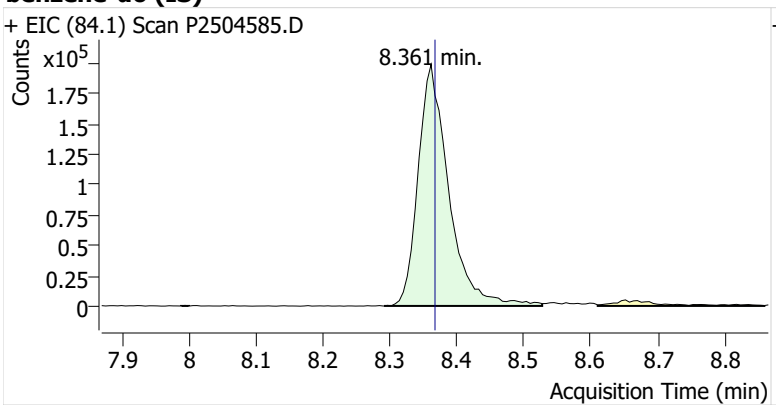
Name	PPSP-6-S-20250702
Comment	B38395
Data File	P2504585.D
Acq. Date-Time	7/21/2025 2:32:50 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

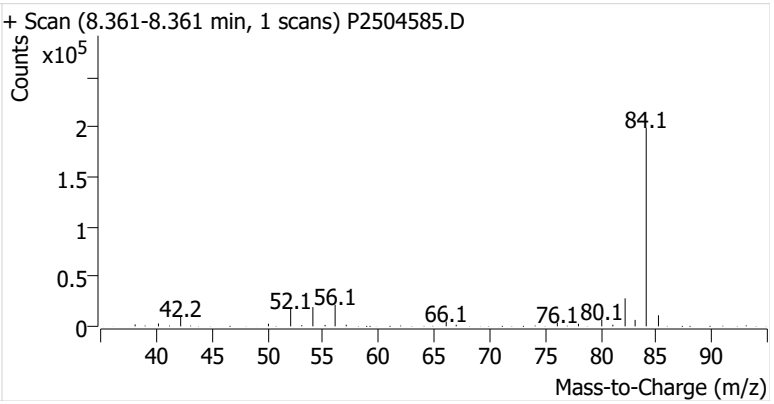
Sample Chromatogram



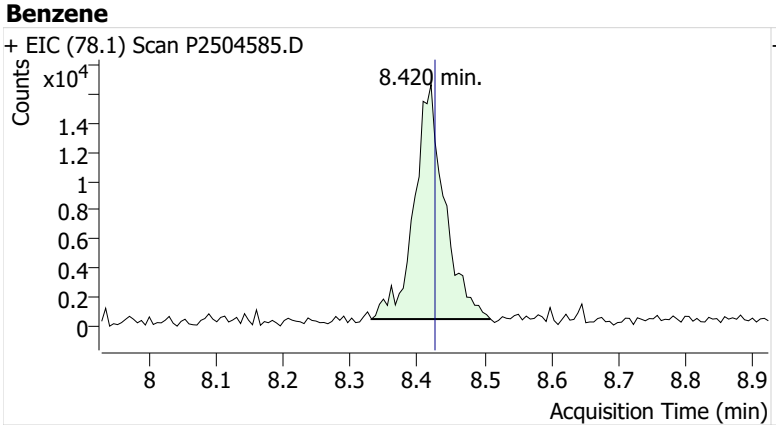
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.361	8.367	631,950	
Benzene	benzene-d6 (IS)	8.420	8.426	51,095	
Toluene-d8 (IS)		10.919	10.931	750,192	
Toluene	Toluene-d8 (IS)	11.014	11.020	66,335	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.151	8,491	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	17,147	
o-Xylene	Toluene-d8 (IS)	13.804	13.809	7,302	

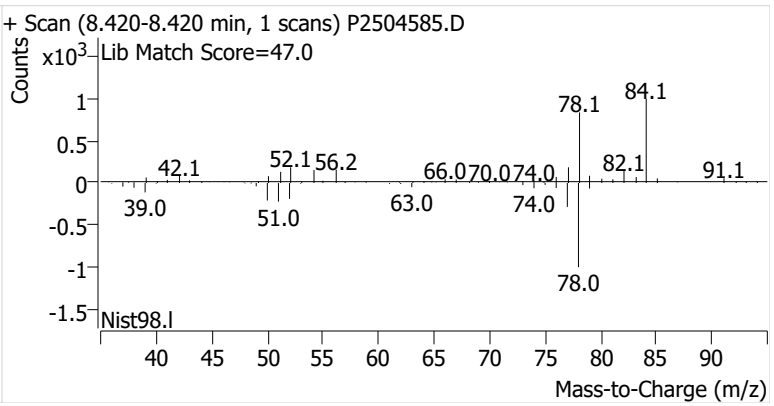
benzene-d6 (IS)



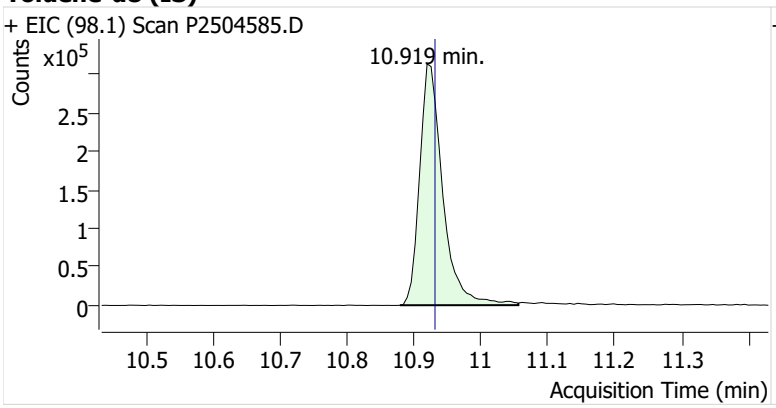


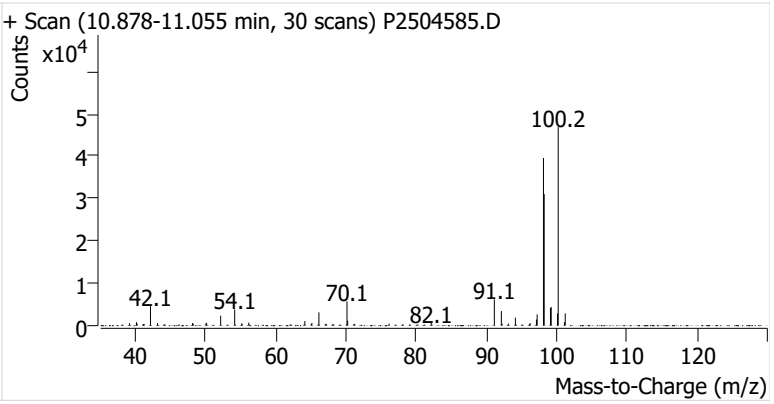
Benzene



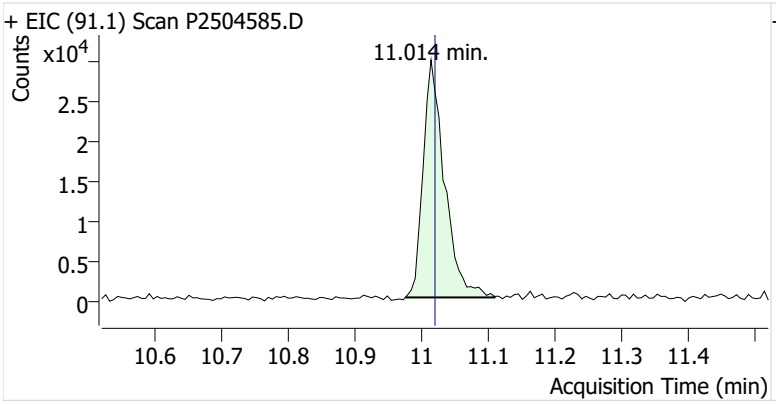


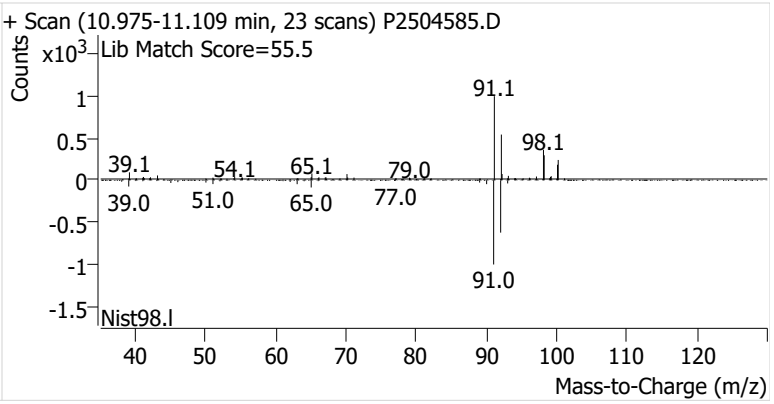
Toluene-d8 (IS)



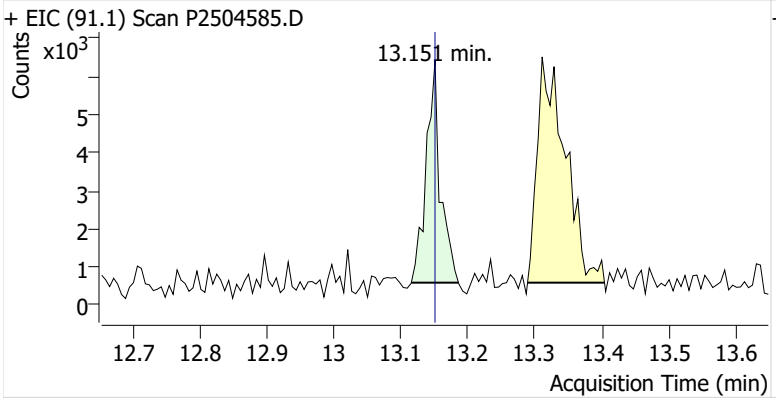


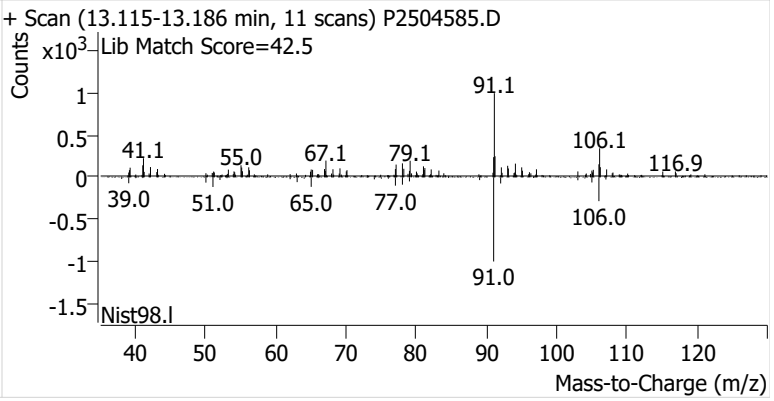
Toluene



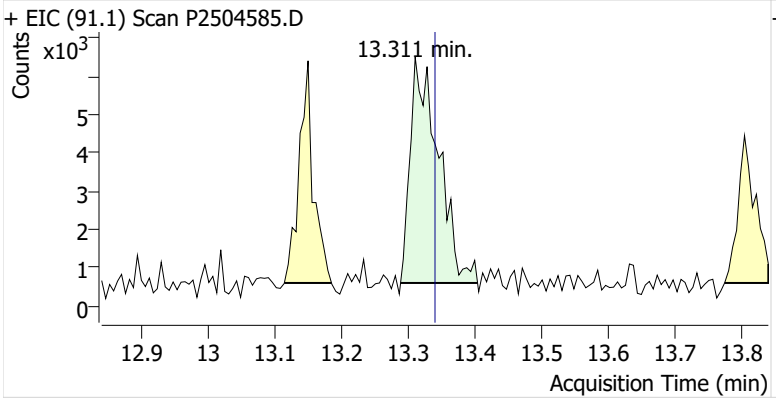


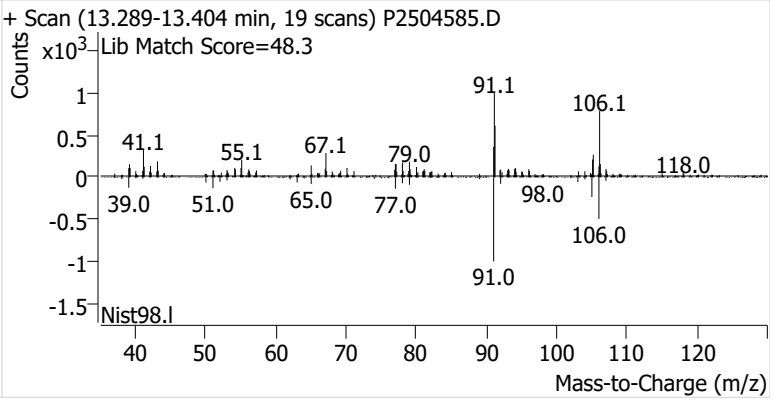
Ethylbenzene



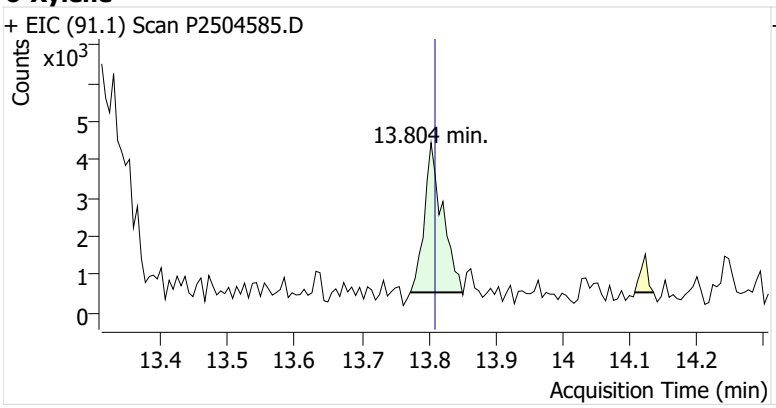


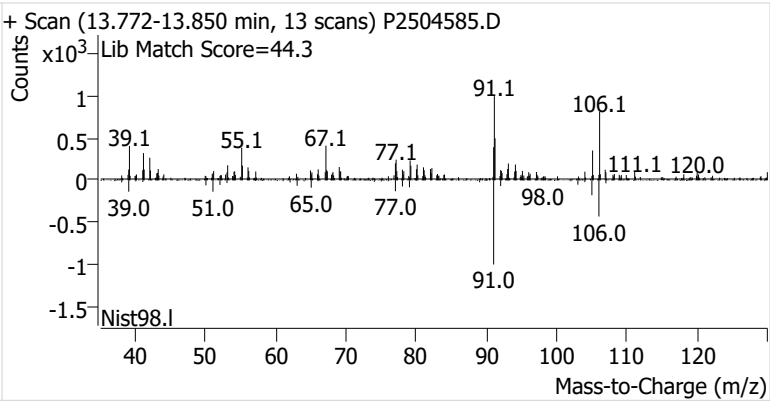
m-/p-Xylenes





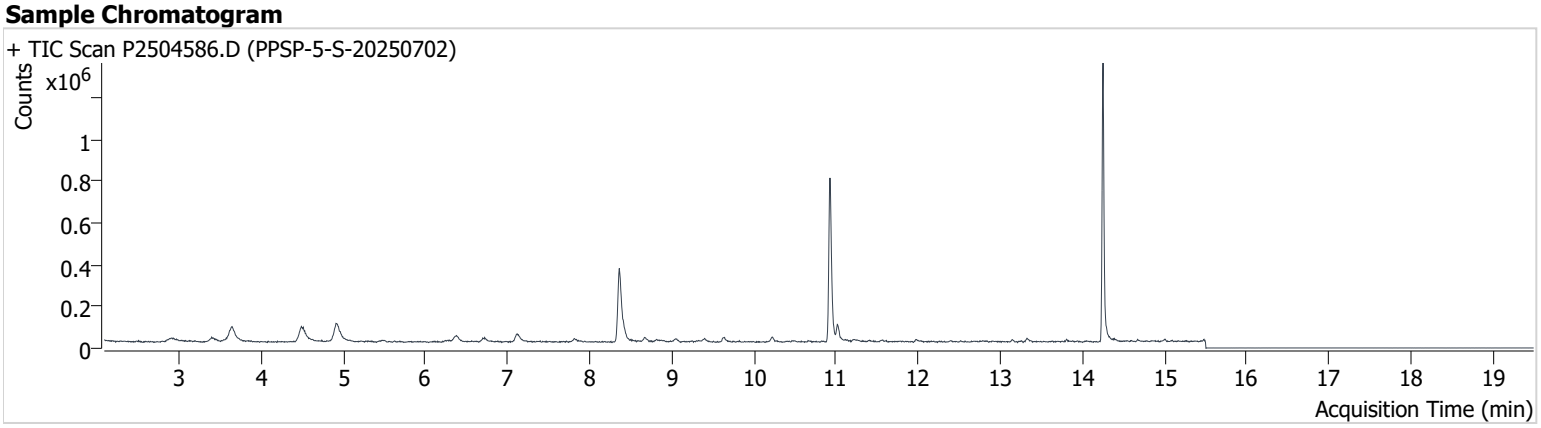
o-Xylene


+ EIC (91.1) Scan P2504585.D
Counts
x10^3
13.804 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.772-13.850 min, 13 scans) P2504585.D
Lib Match Score=44.3
Counts
x10^3
91.1
106.1
39.1
55.1
67.1
77.1
111.1 120.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

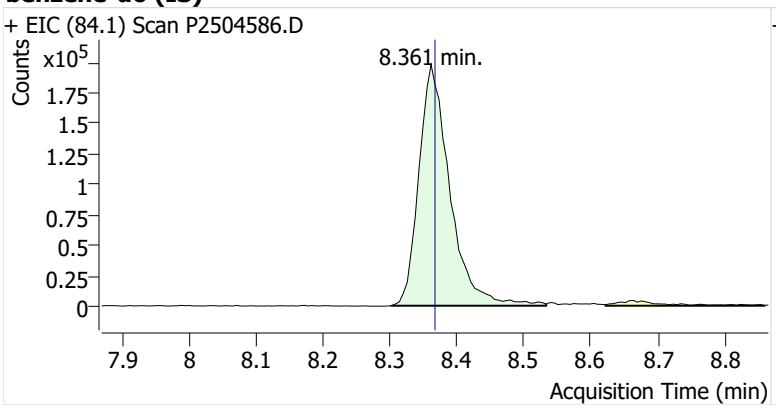
Name	PPSP-5-S-20250702
Comment	B48568
Data File	P2504586.D
Acq. Date-Time	7/21/2025 3:10:08 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

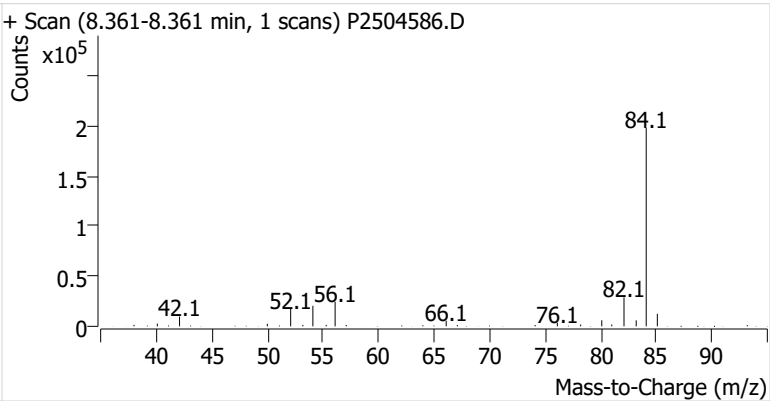
Sample Chromatogram



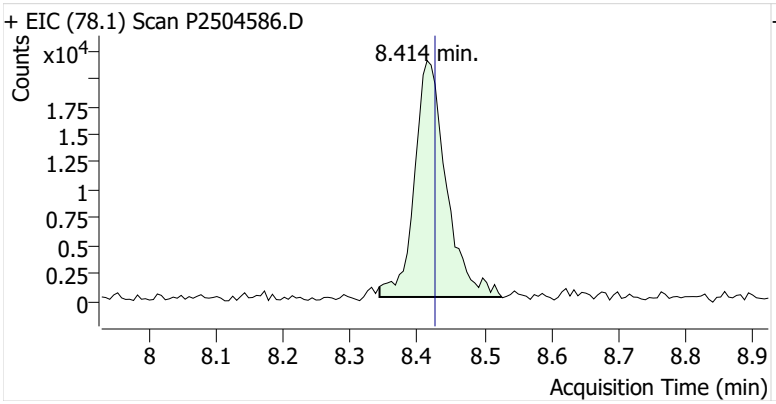
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.361	8.367	635,628	
Benzene	benzene-d6 (IS)	8.414	8.426	69,873	
Toluene-d8 (IS)		10.925	10.931	751,282	
Toluene	Toluene-d8 (IS)	11.014	11.020	68,594	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.151	8,096	
m-/p-Xylenes	Toluene-d8 (IS)	13.323	13.341	14,429	
o-Xylene	Toluene-d8 (IS)	13.810	13.809	5,724	

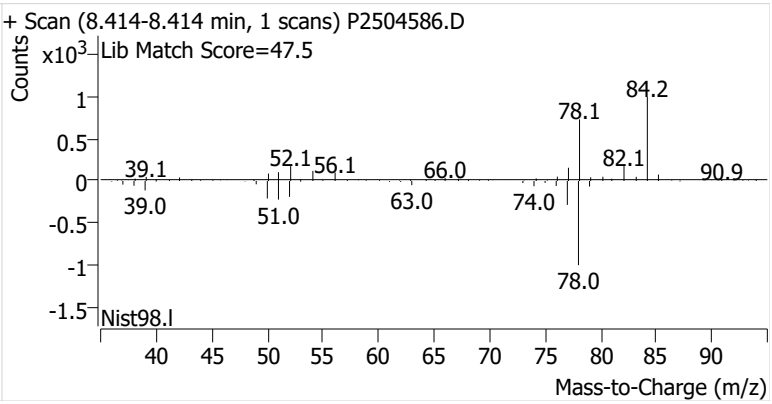
benzene-d6 (IS)



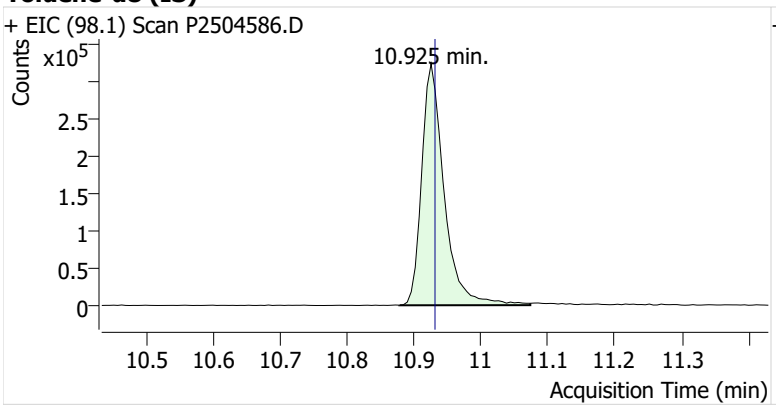


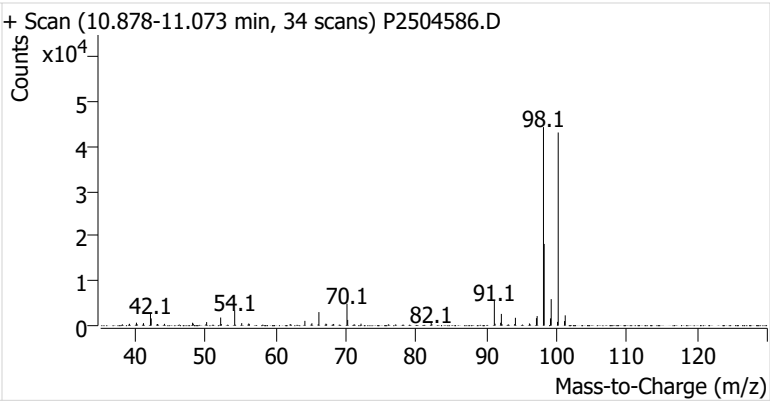
Benzene



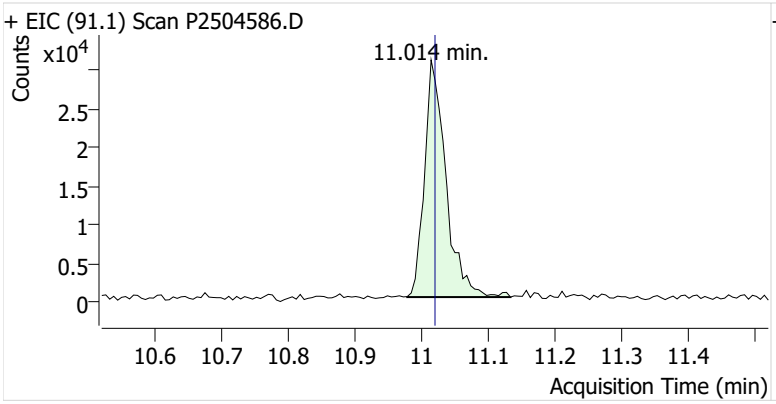


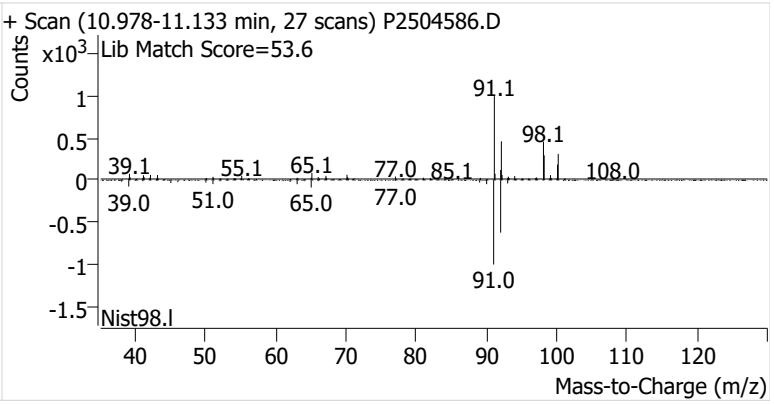
Toluene-d8 (IS)



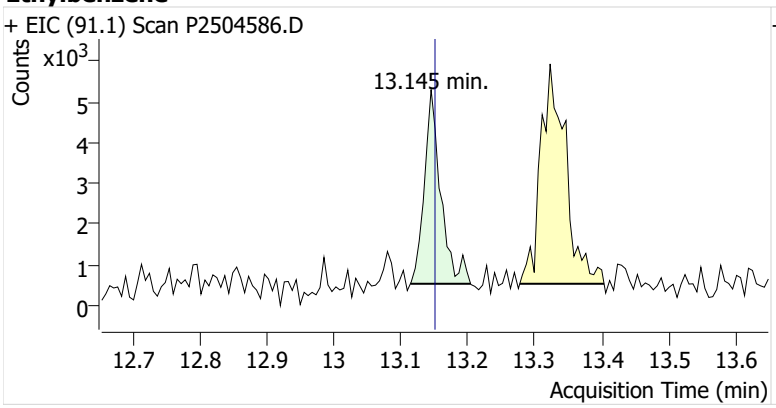


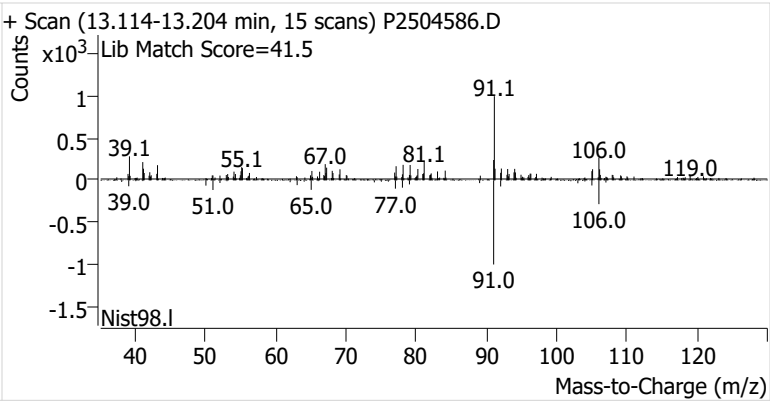
Toluene



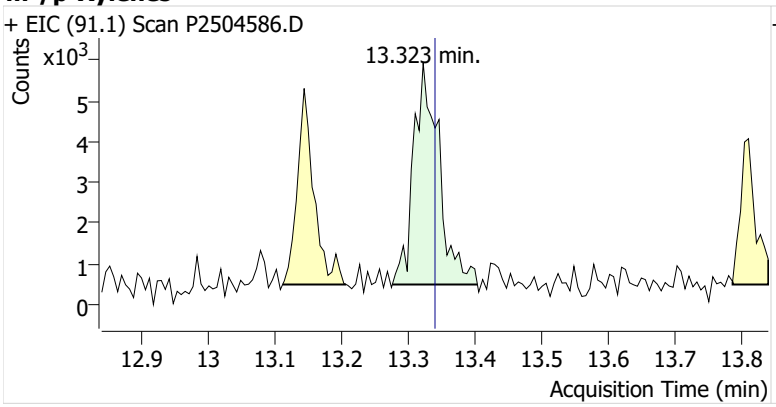


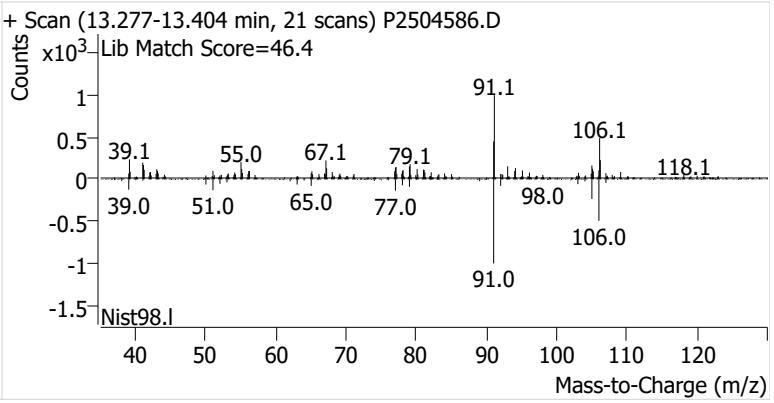
Ethylbenzene



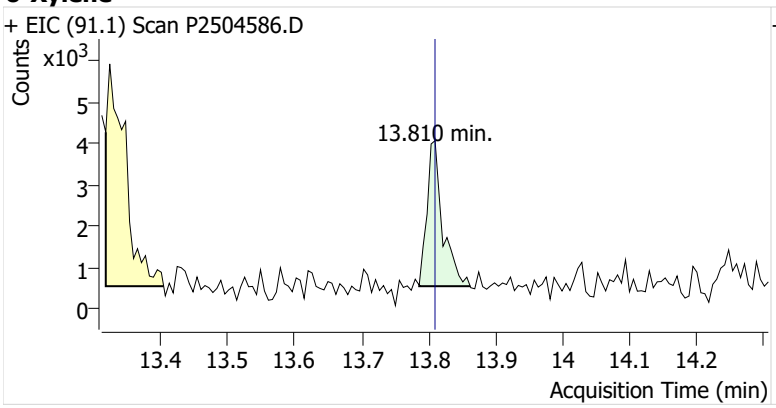


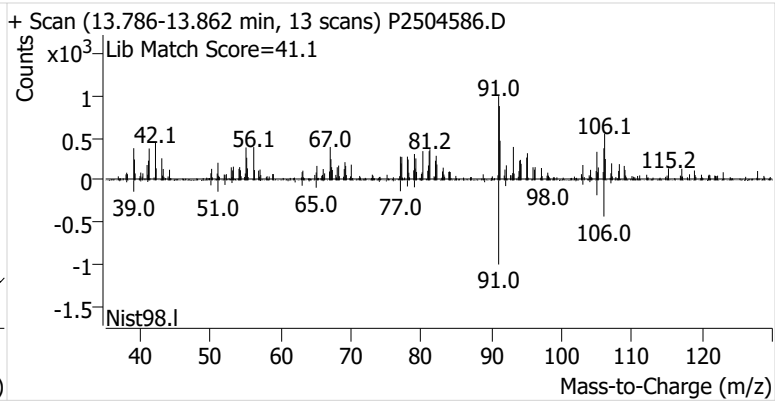
m-/p-Xylenes





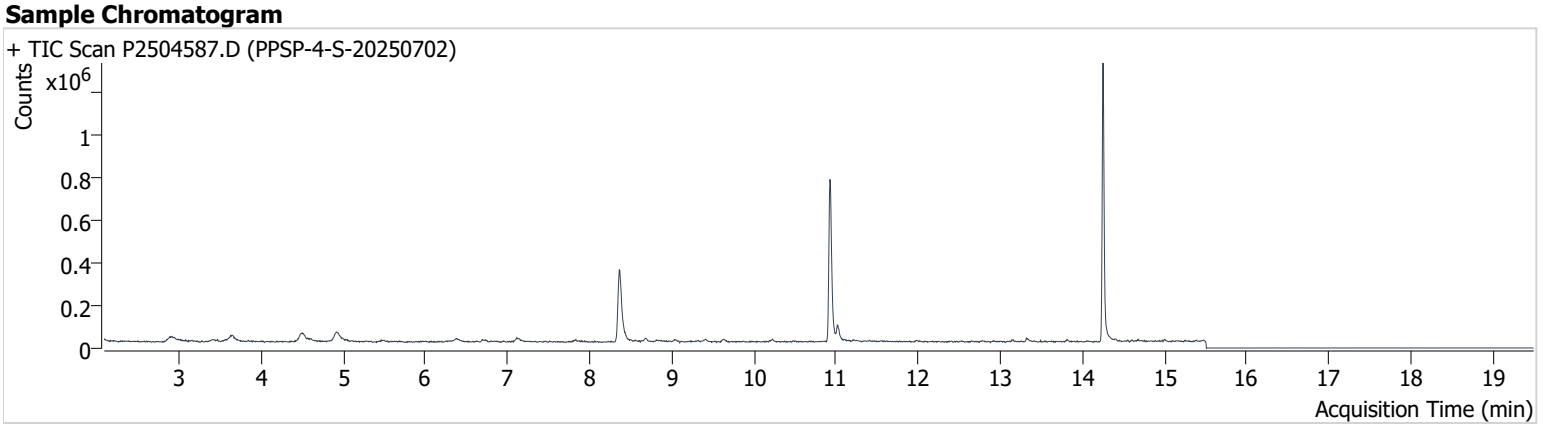
o-Xylene


+ EIC (91.1) Scan P2504586.D
Counts
x10^3
5
4
3
2
1
0
13.810 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.786-13.862 min, 13 scans) P2504586.D
Lib Match Score=41.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.0
42.1
56.1
67.0
81.2
106.1
115.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

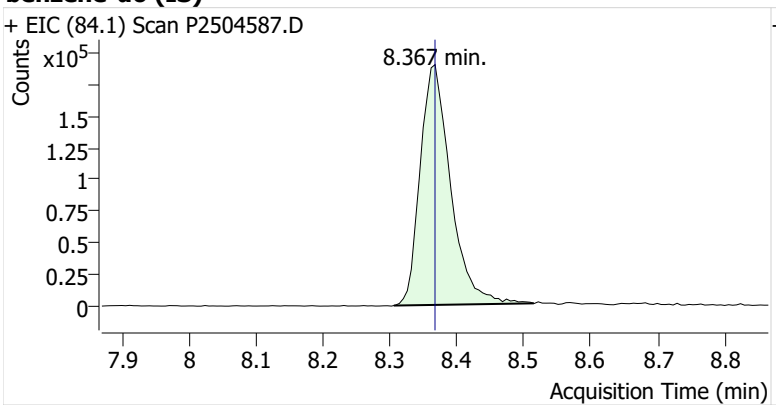
Name	PPSP-4-S-20250702
Comment	C16157
Data File	P2504587.D
Acq. Date-Time	7/21/2025 3:47:28 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

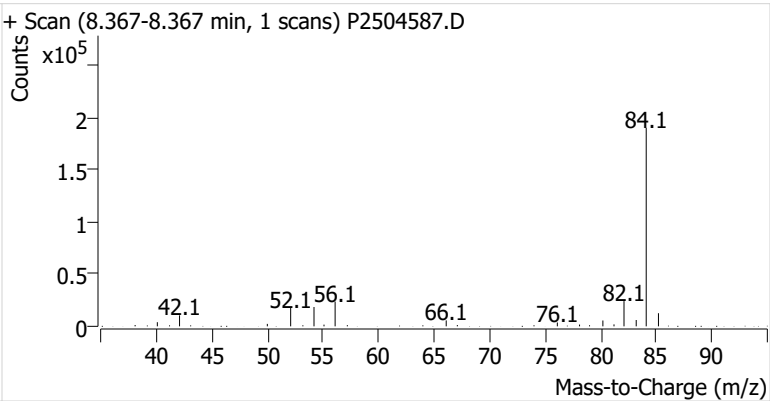
Sample Chromatogram



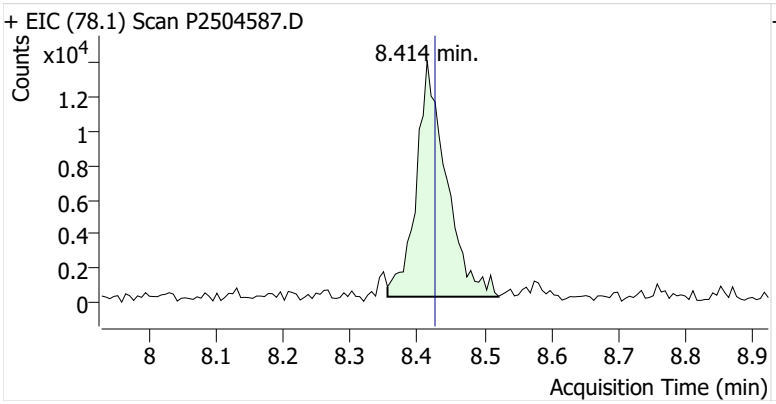
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.367	8.367	600,282	
Benzene	benzene-d6 (IS)	8.414	8.426	43,091	
Toluene-d8 (IS)		10.925	10.931	746,599	
Toluene	Toluene-d8 (IS)	11.014	11.020	61,869	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.151	8,783	
m-/p-Xylenes	Toluene-d8 (IS)	13.323	13.341	12,806	
o-Xylene	Toluene-d8 (IS)	13.804	13.809	4,345	

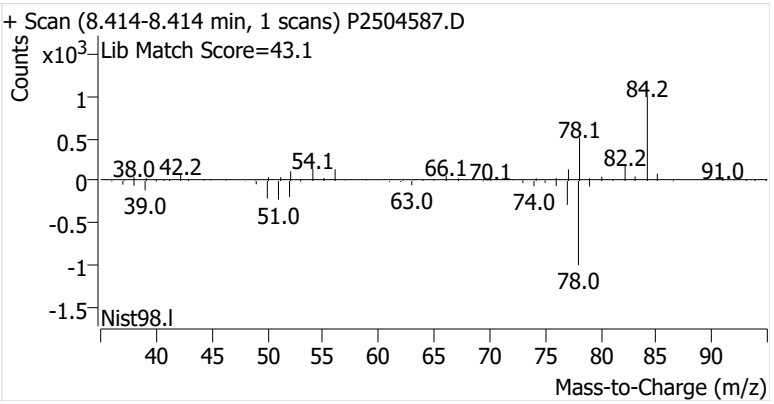
benzene-d6 (IS)



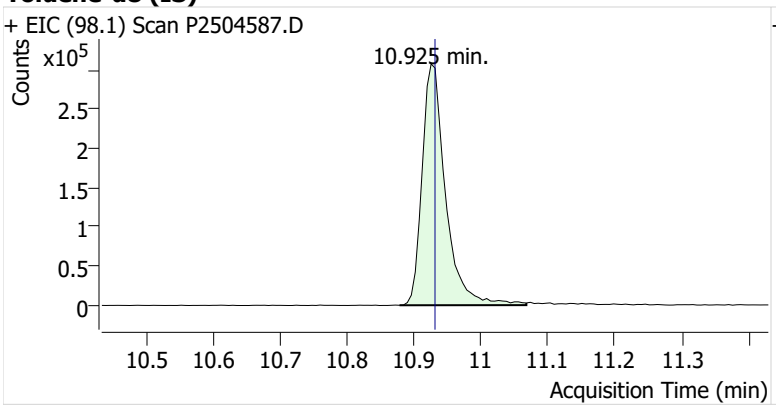


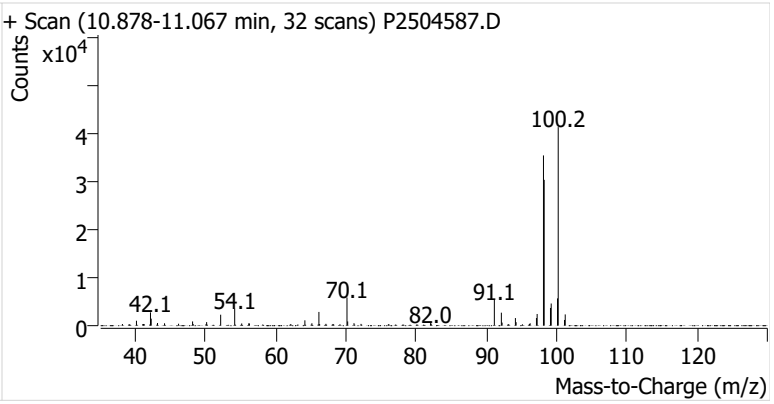
Benzene



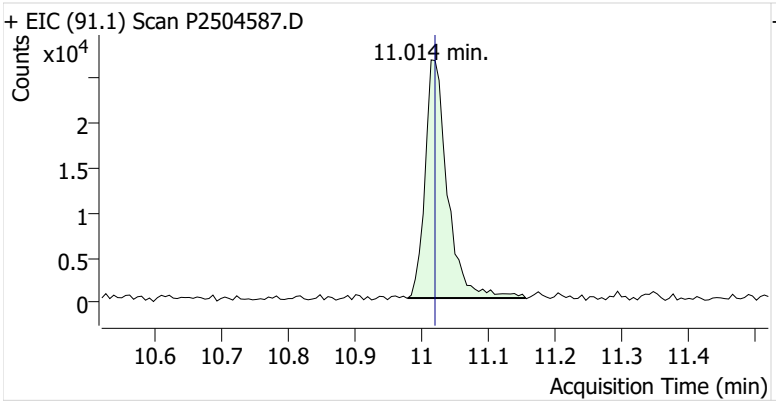


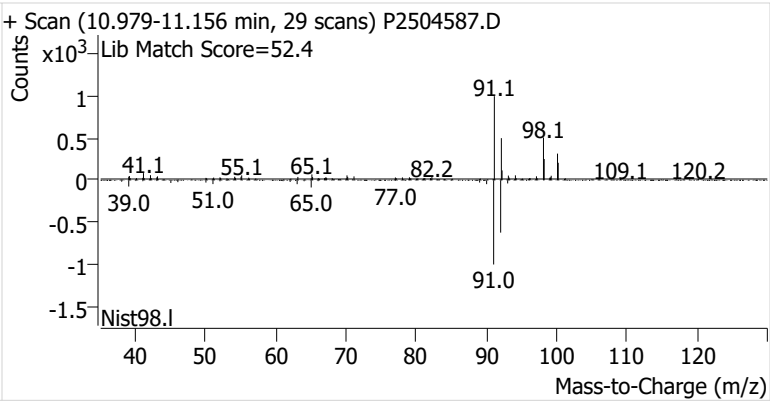
Toluene-d8 (IS)



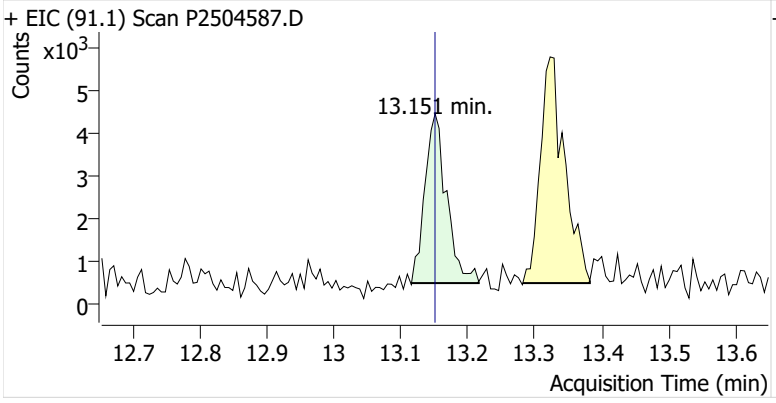


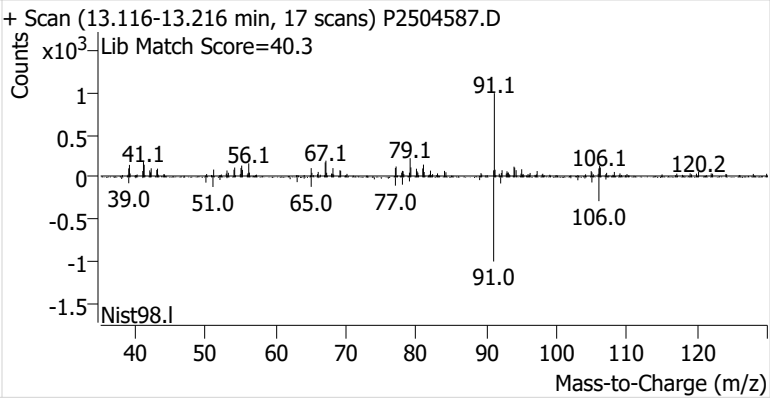
Toluene



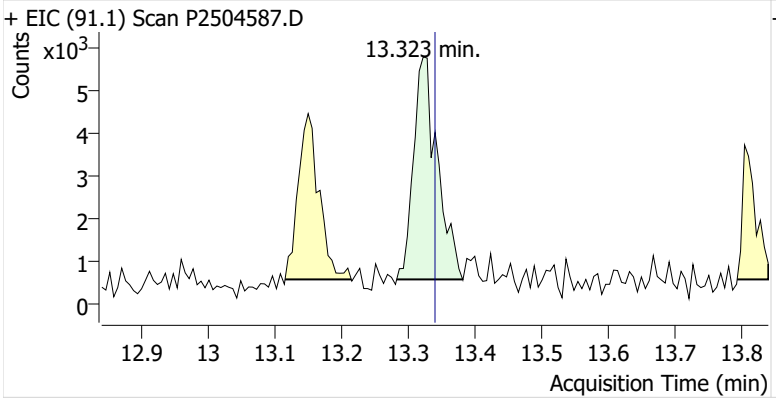


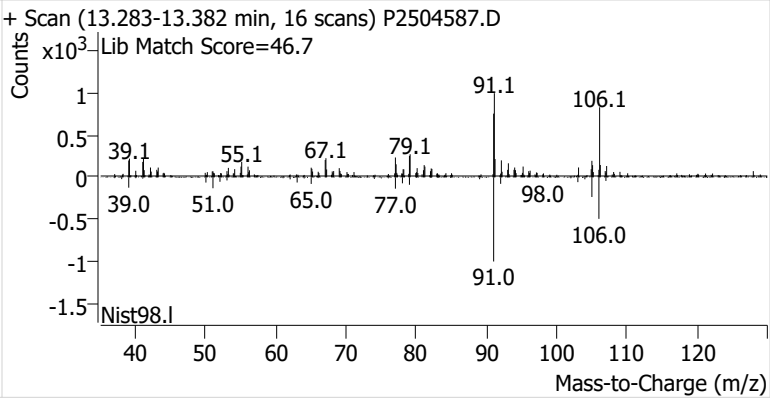
Ethylbenzene



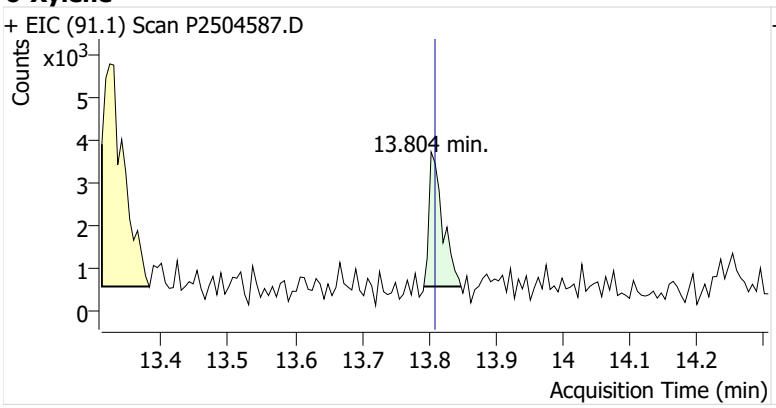


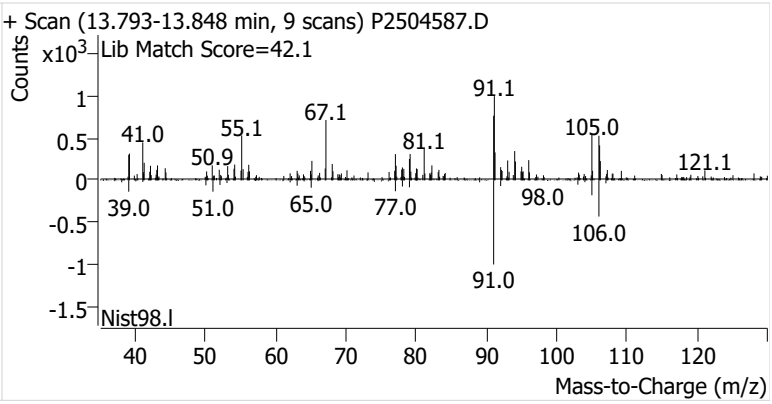
m-/p-Xylenes





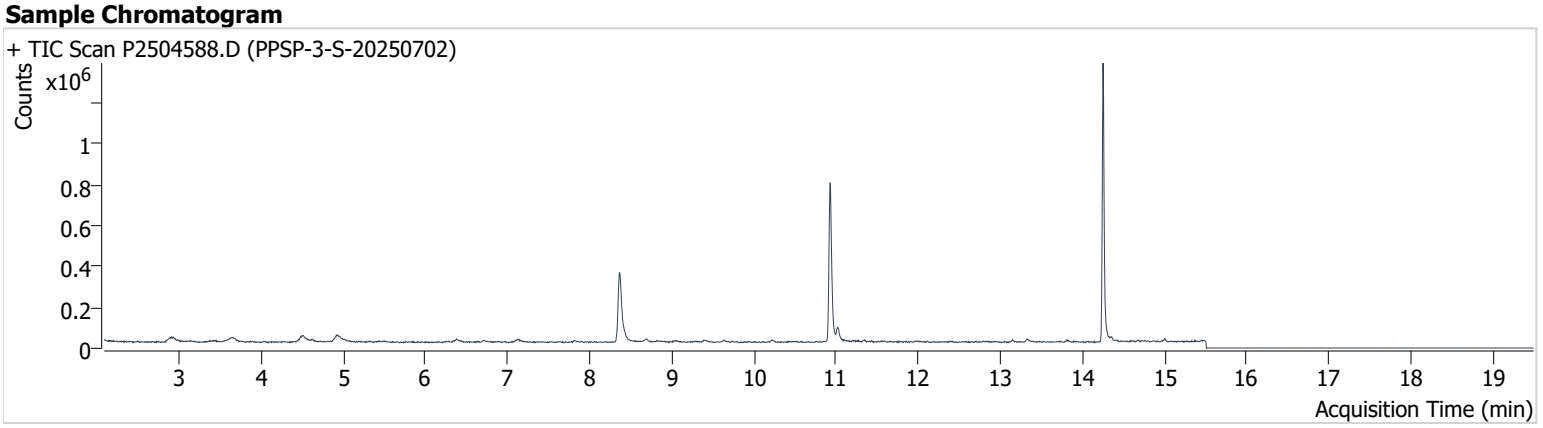
o-Xylene


+ EIC (91.1) Scan P2504587.D
Counts
x10^3
5
4
3
2
1
0
13.804 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.793-13.848 min, 9 scans) P2504587.D
Counts
x10^3
Lib Match Score=42.1
1
0.5
0
-0.5
-1
-1.5
41.0
55.1
67.1
91.1
105.0
121.1
50.9
81.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

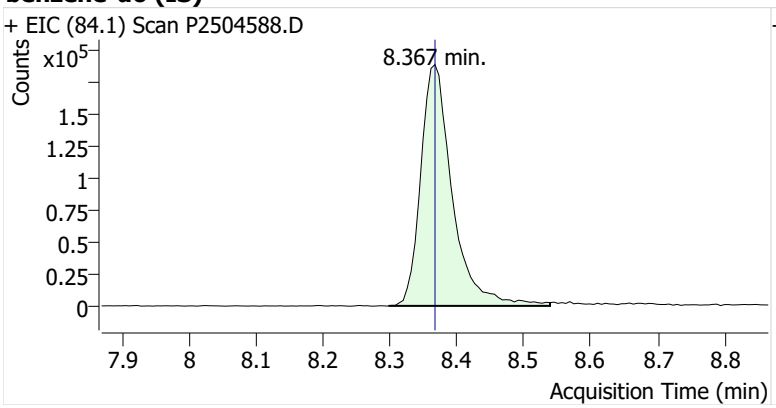
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Comment	C01977
Data File	P2504588.D
Acq. Date-Time	7/21/2025 4:24:47 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

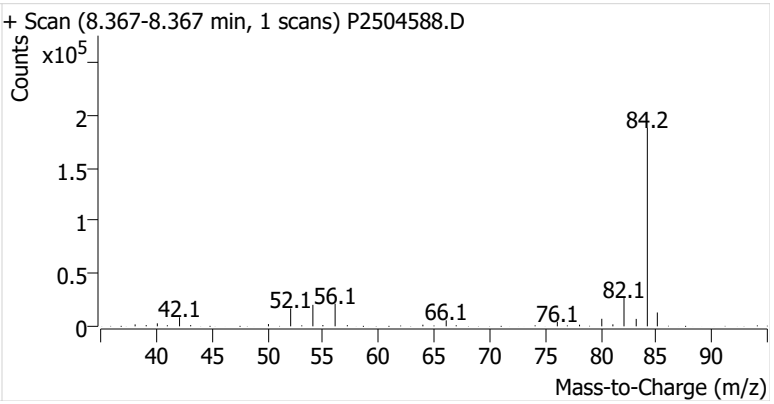
Sample Chromatogram



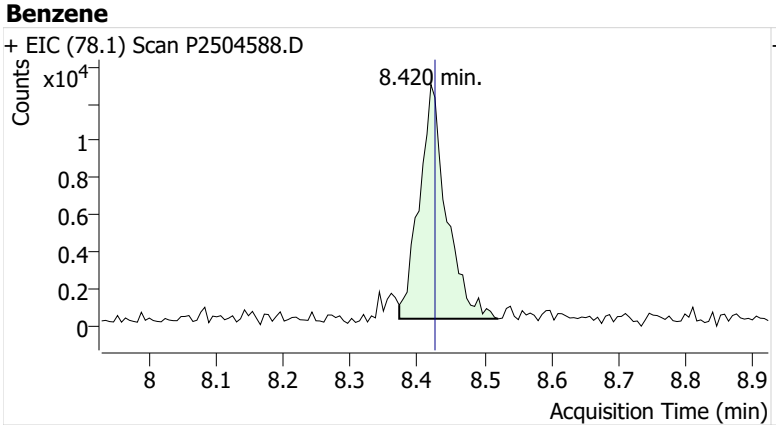
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.367	8.367	618,141	
Benzene	benzene-d6 (IS)	8.420	8.426	35,701	
Toluene-d8 (IS)		10.925	10.931	748,135	
Toluene	Toluene-d8 (IS)	11.020	11.020	55,767	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.151	8,671	
m-/p-Xylenes	Toluene-d8 (IS)	13.317	13.341	13,794	
o-Xylene	Toluene-d8 (IS)	13.809	13.809	4,917	

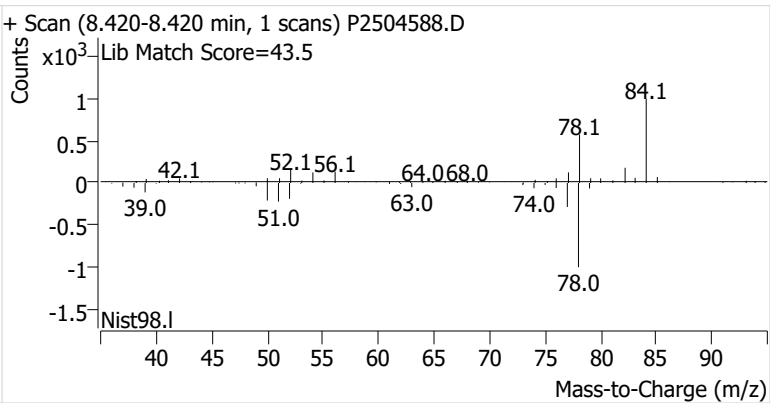
benzene-d6 (IS)



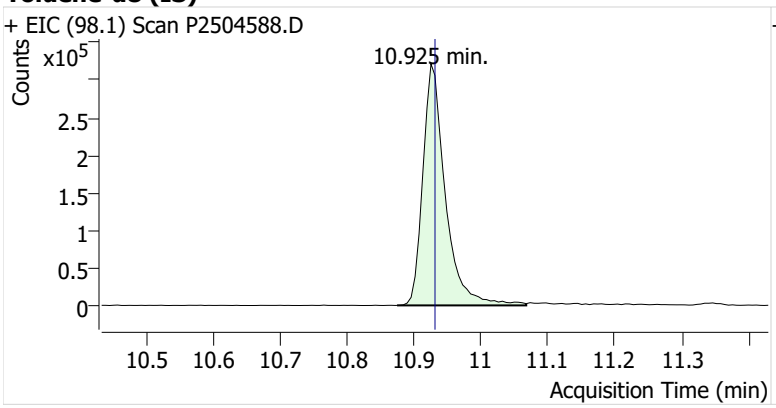


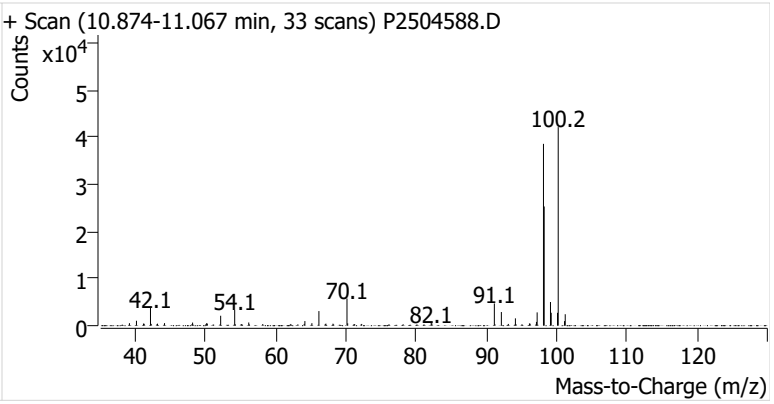
Benzene



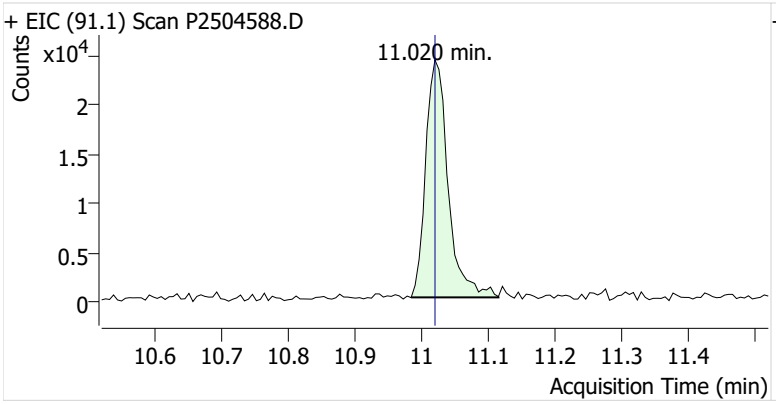


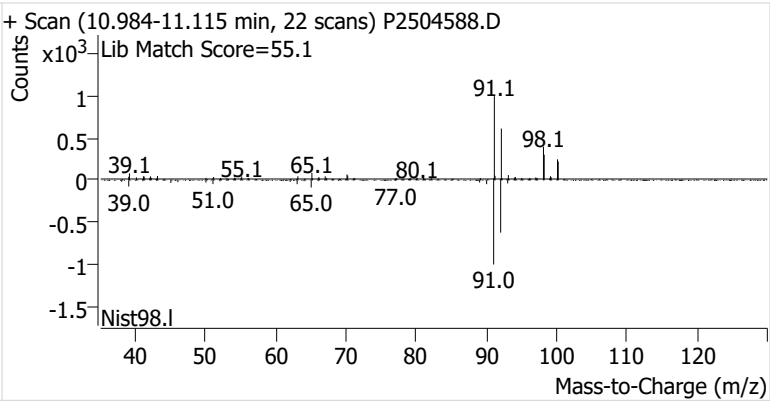
Toluene-d8 (IS)



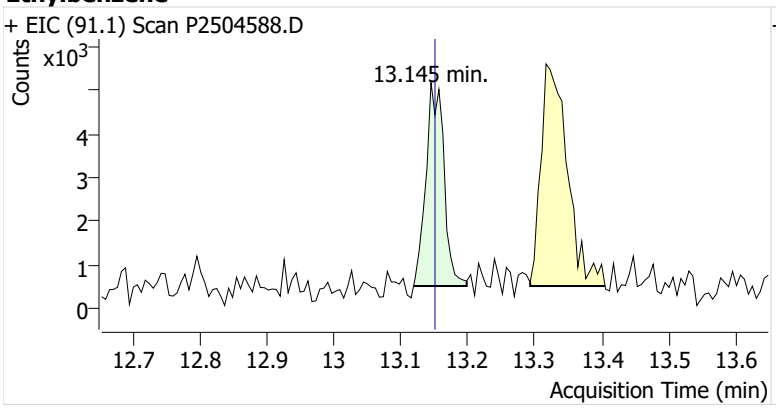


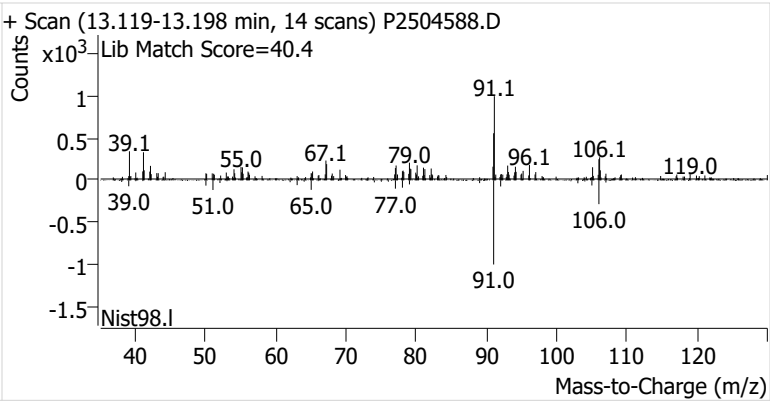
Toluene



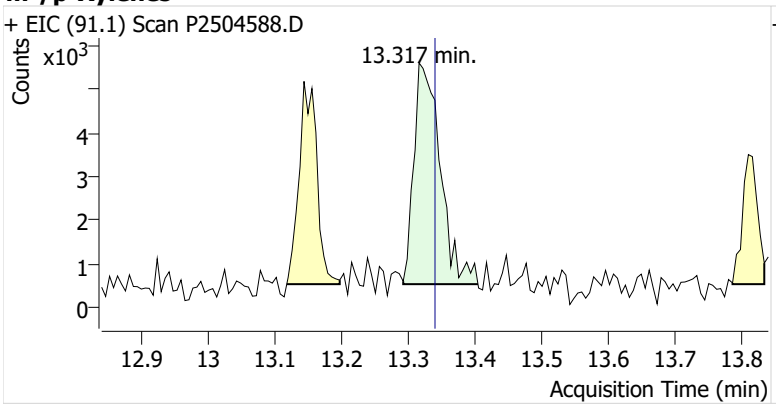


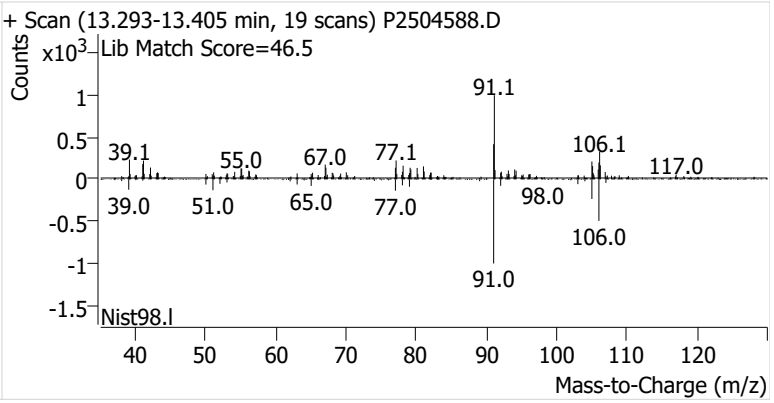
Ethylbenzene



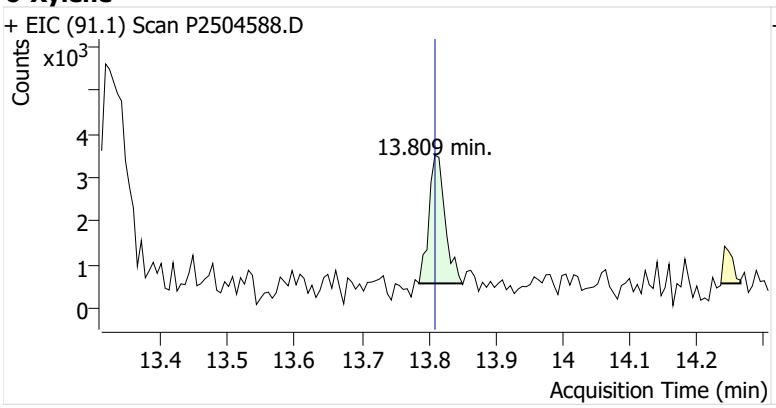


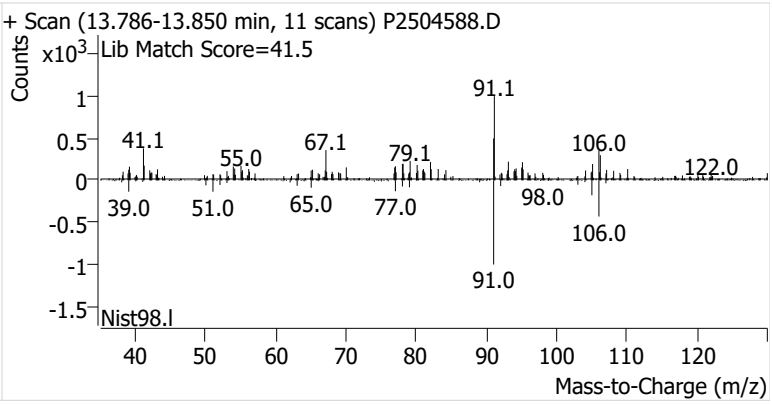
m-/p-Xylenes





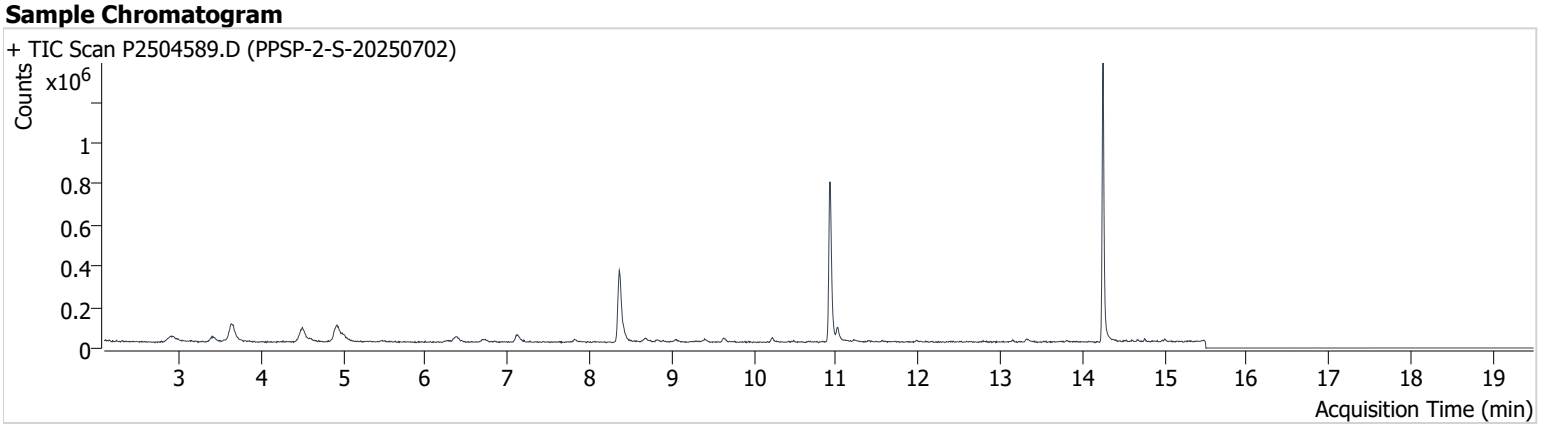
o-Xylene


+ EIC (91.1) Scan P2504588.D
Counts
x10^3
4
3
2
1
0
13.809 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.786-13.850 min, 11 scans) P2504588.D
Lib Match Score=41.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.0
67.1
79.1
106.0
122.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

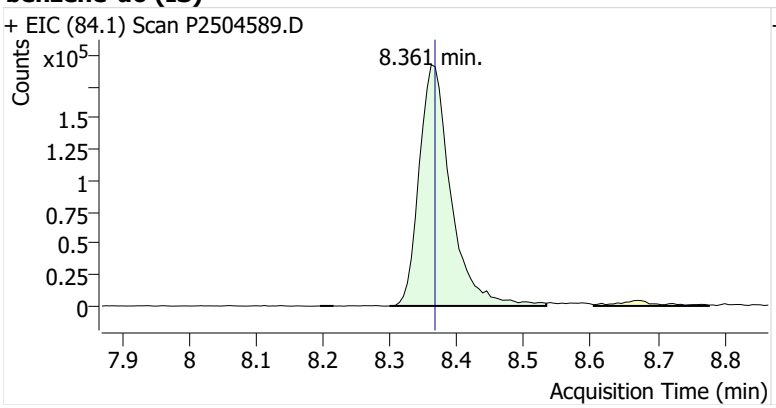
Name	PPSP-2-S-20250702
Comment	B16347
Data File	P2504589.D
Acq. Date-Time	7/21/2025 5:02:04 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

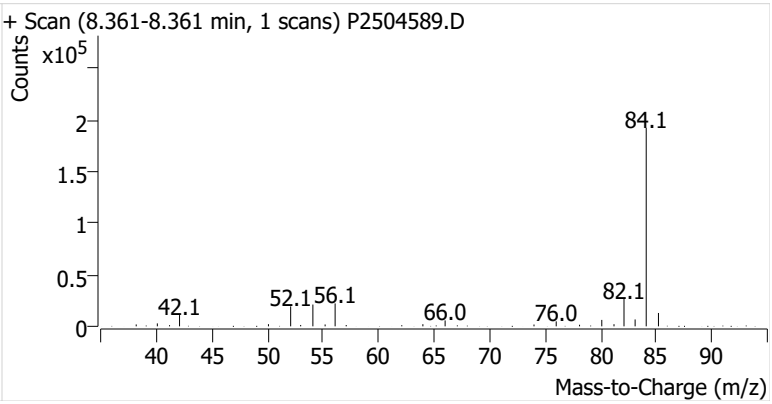
Sample Chromatogram



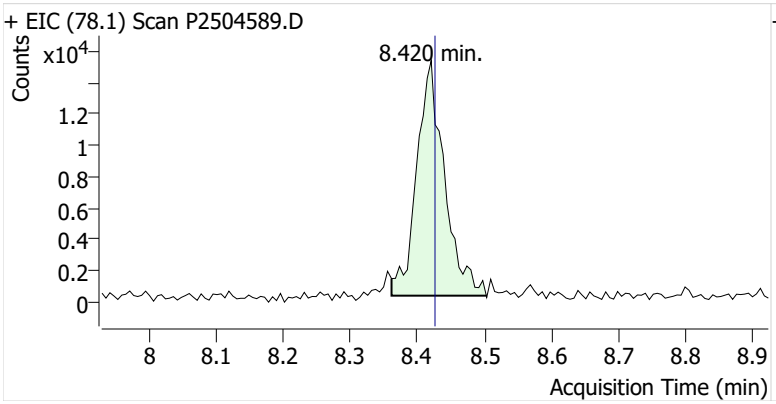
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.361	8.367	632,360	
Benzene	benzene-d6 (IS)	8.420	8.426	43,075	
Toluene-d8 (IS)		10.925	10.931	757,781	
Toluene	Toluene-d8 (IS)	11.020	11.020	56,555	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.151	7,001	
m-/p-Xylenes	Toluene-d8 (IS)	13.323	13.341	14,068	
o-Xylene	Toluene-d8 (IS)	13.804	13.809	5,443	

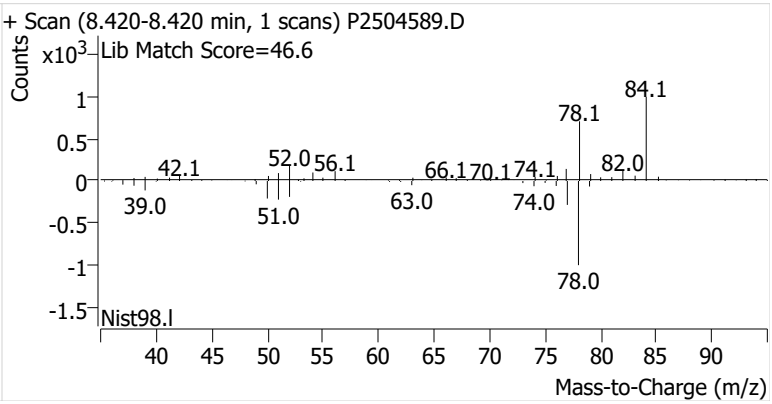
benzene-d6 (IS)



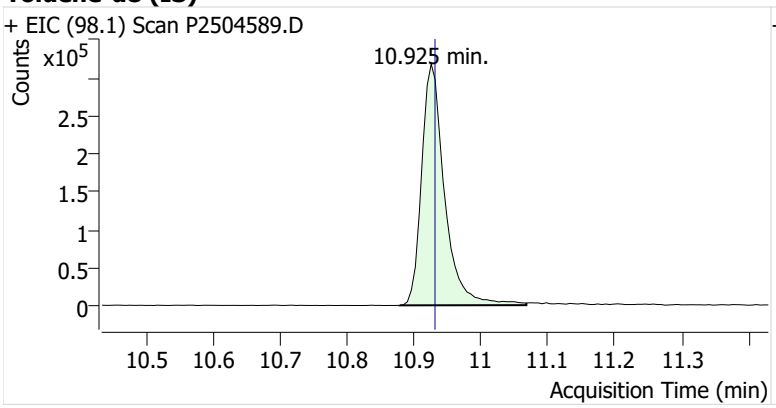


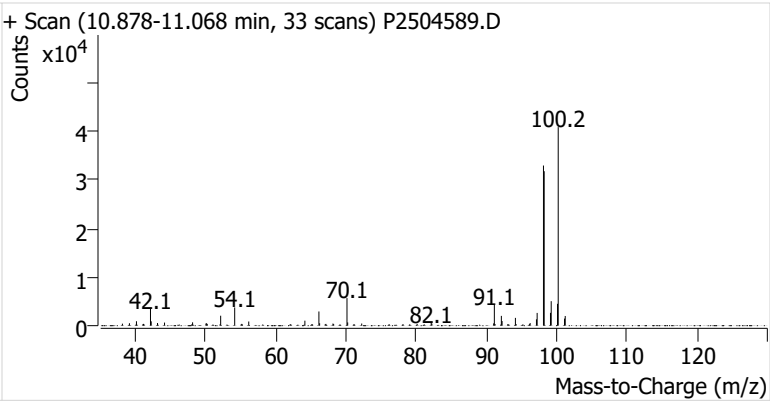
Benzene



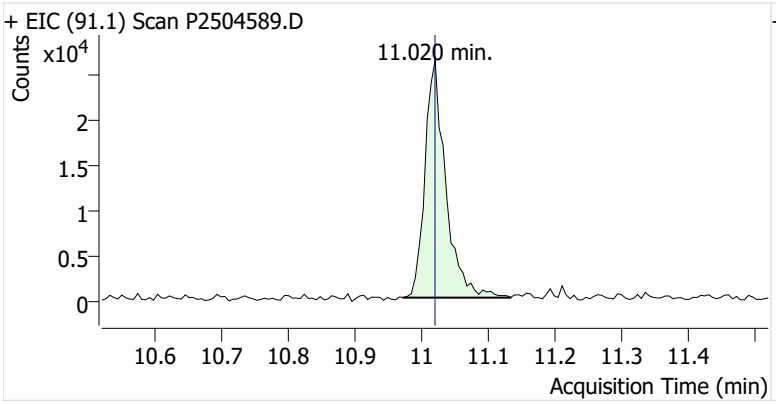


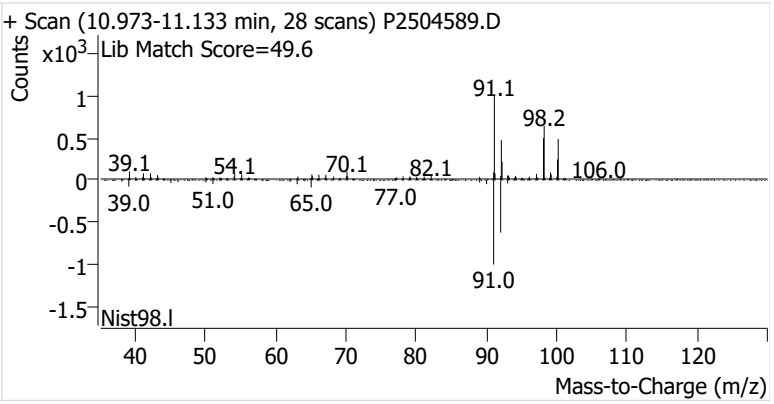
Toluene-d8 (IS)



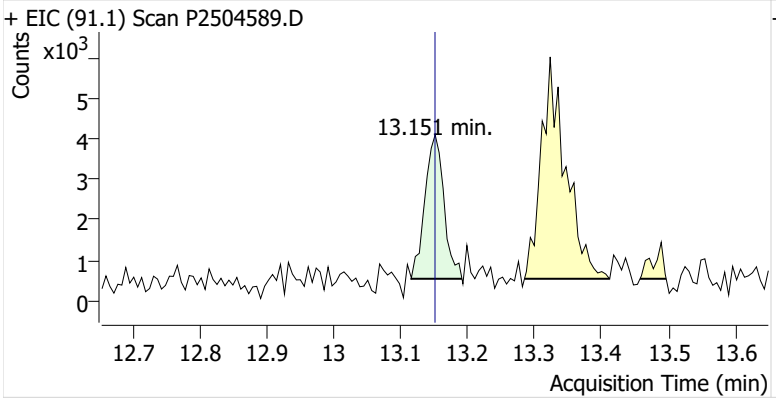


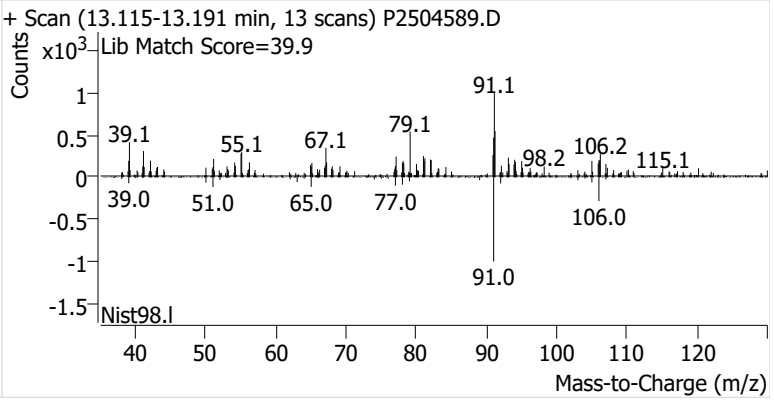
Toluene



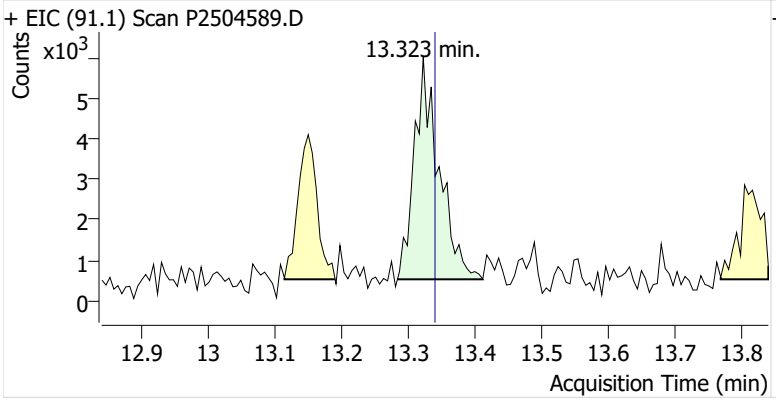


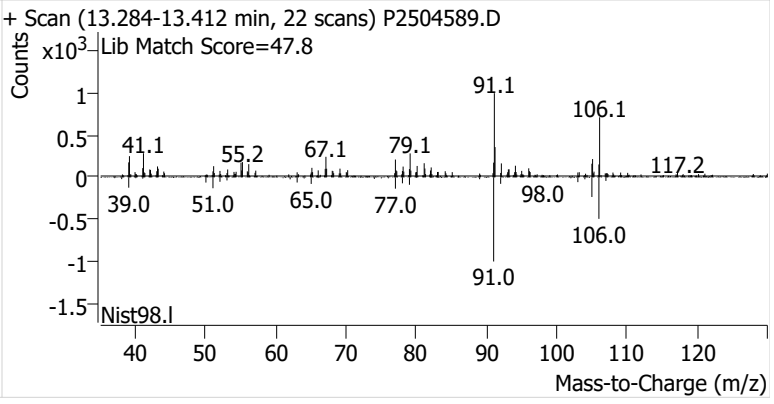
Ethylbenzene



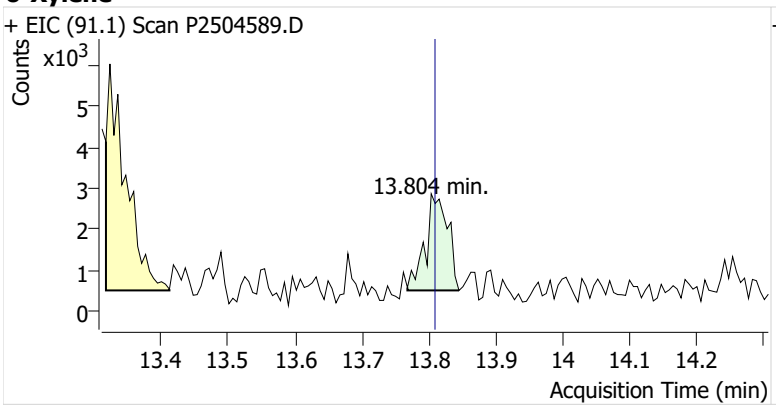


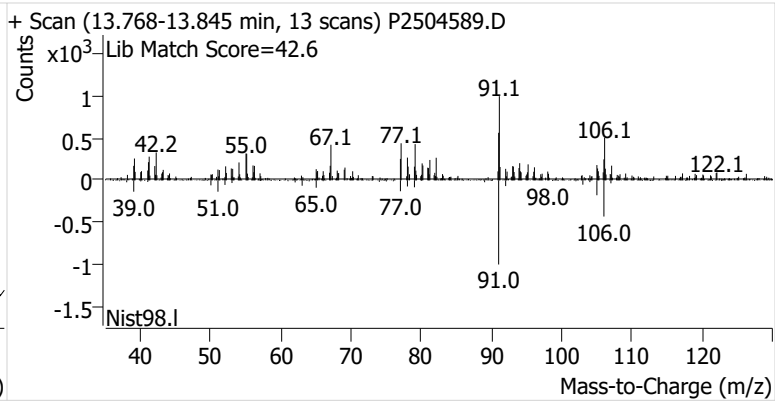
m-/p-Xylenes





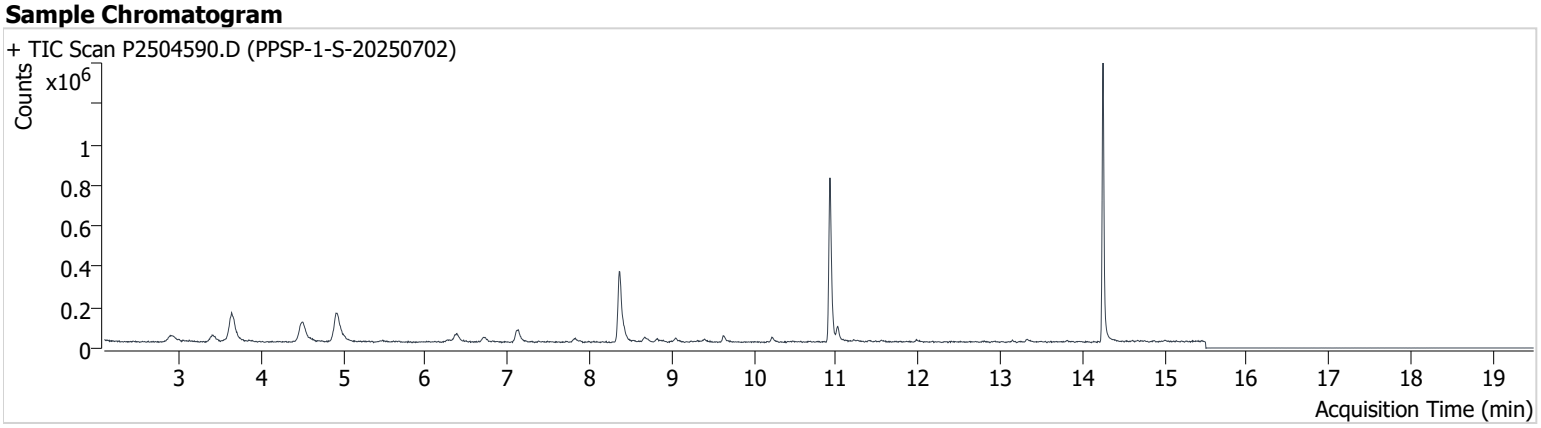
o-Xylene


+ EIC (91.1) Scan P2504589.D
Counts
x10^3
5
4
3
2
1
0
13.804 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.768-13.845 min, 13 scans) P2504589.D
Lib Match Score=42.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
42.2
55.0
67.1
77.1
106.1
122.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

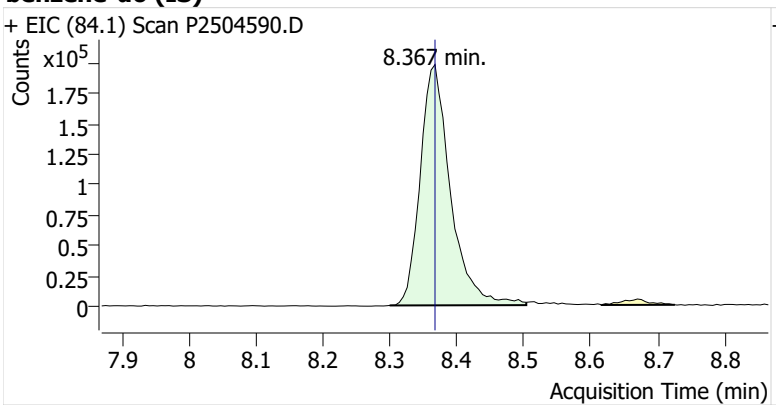
Name	PPSP-1-S-20250702
Comment	C43890
Data File	P2504590.D
Acq. Date-Time	7/21/2025 5:39:45 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

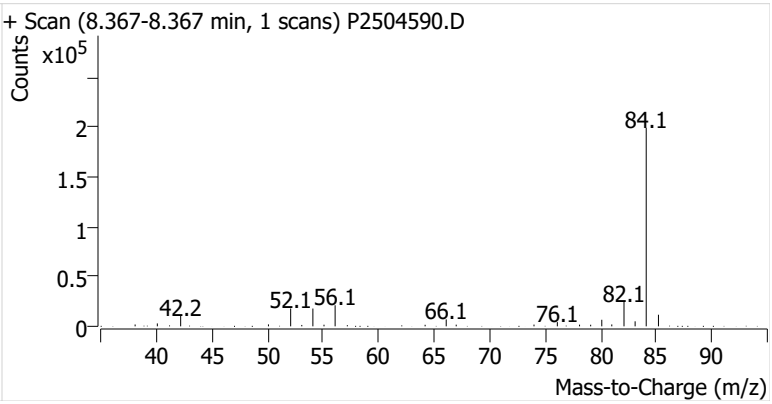
Sample Chromatogram



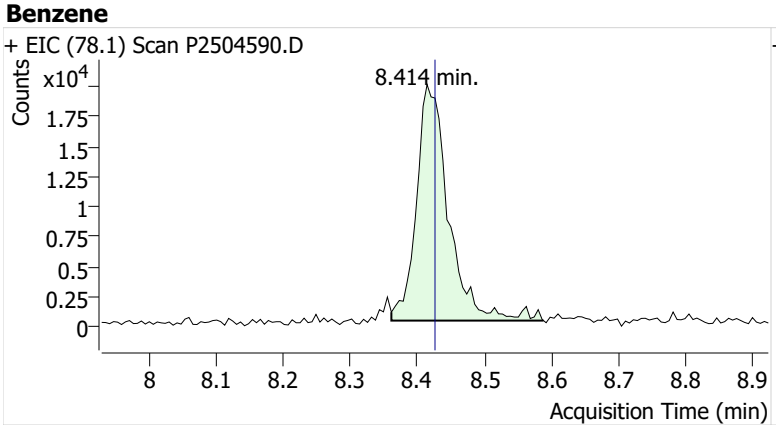
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.367	8.367	623,804	
Benzene	benzene-d6 (IS)	8.414	8.426	66,023	
Toluene-d8 (IS)		10.925	10.931	752,031	
Toluene	Toluene-d8 (IS)	11.020	11.020	60,142	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.151	6,159	
m-/p-Xylenes	Toluene-d8 (IS)	13.323	13.341	11,548	
o-Xylene	Toluene-d8 (IS)	13.815	13.809	4,487	

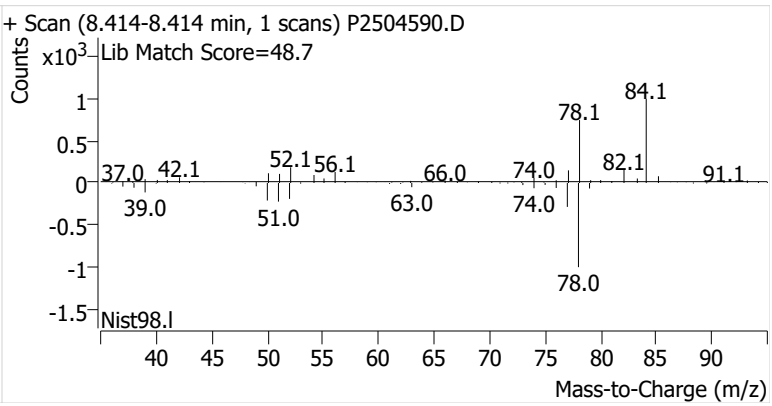
benzene-d6 (IS)



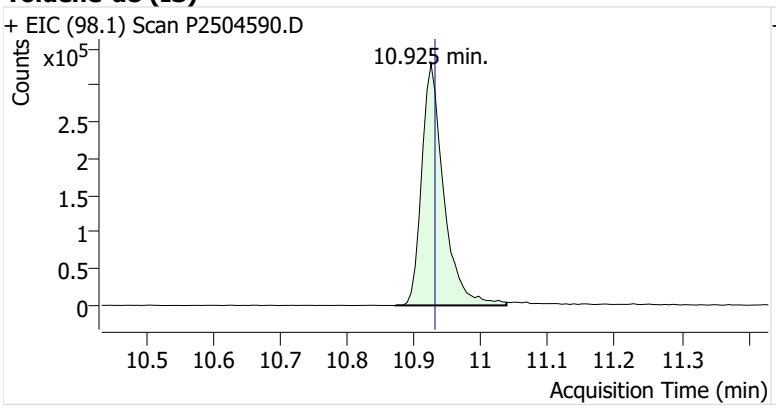


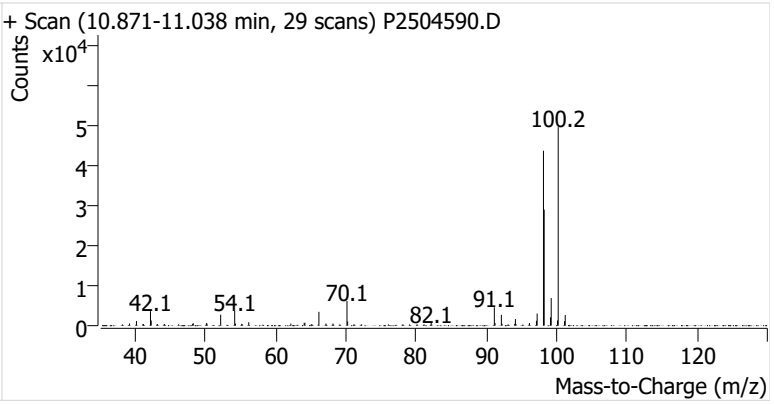
Benzene



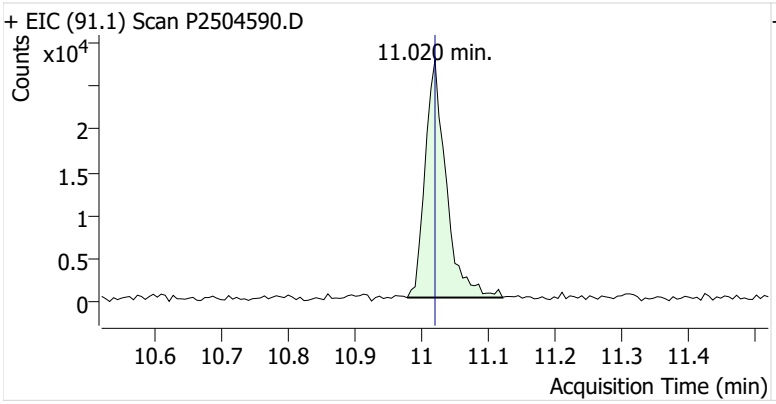


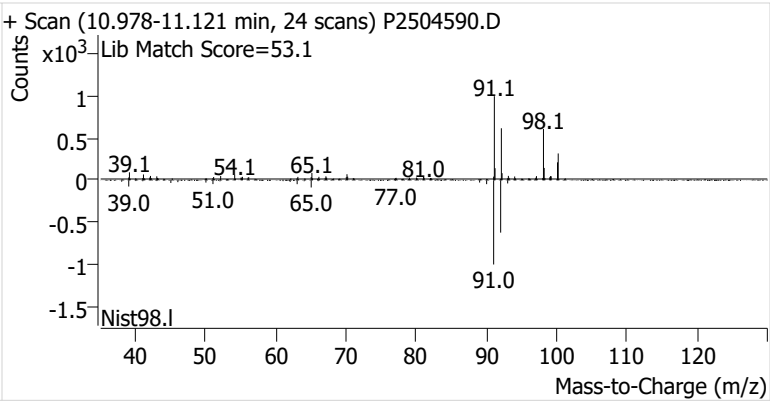
Toluene-d8 (IS)



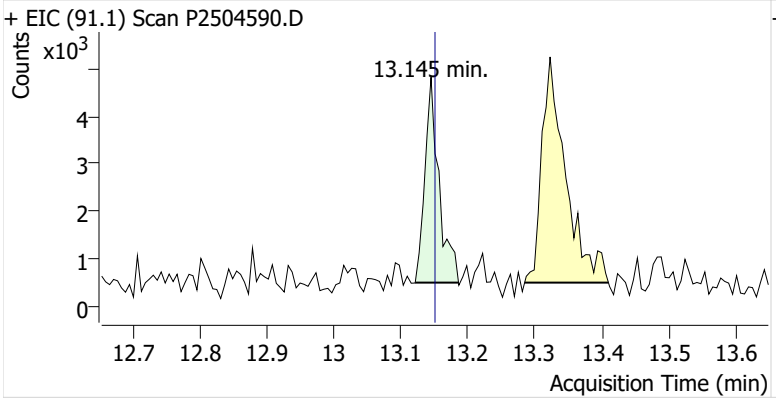


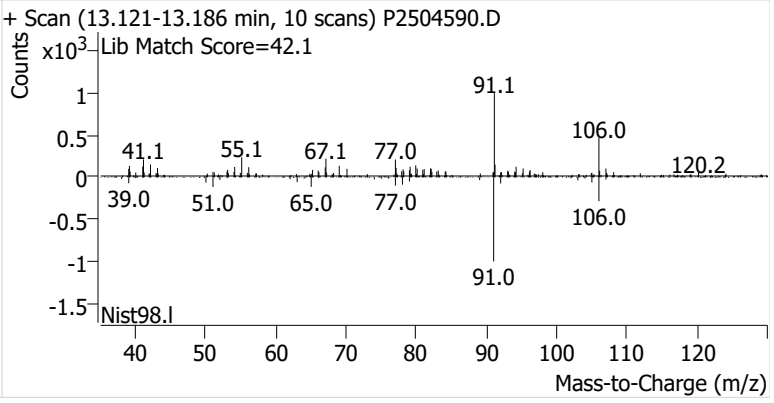
Toluene



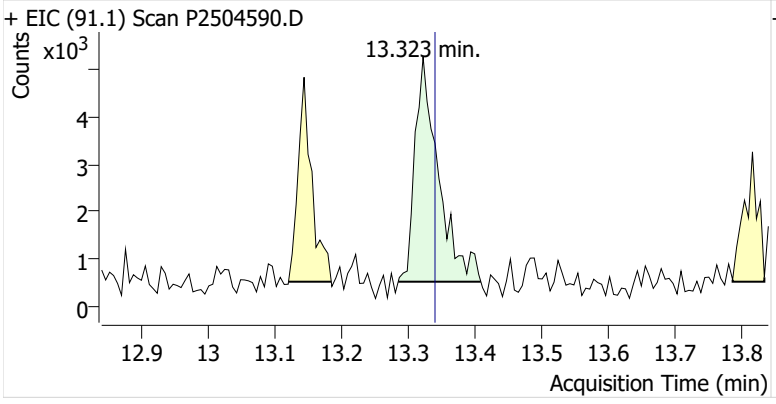


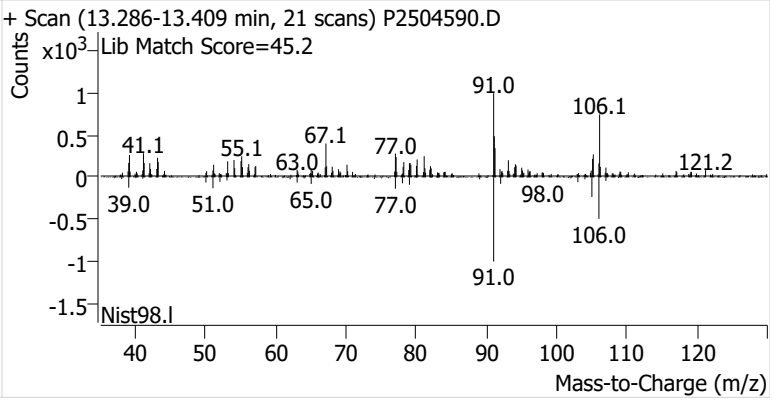
Ethylbenzene



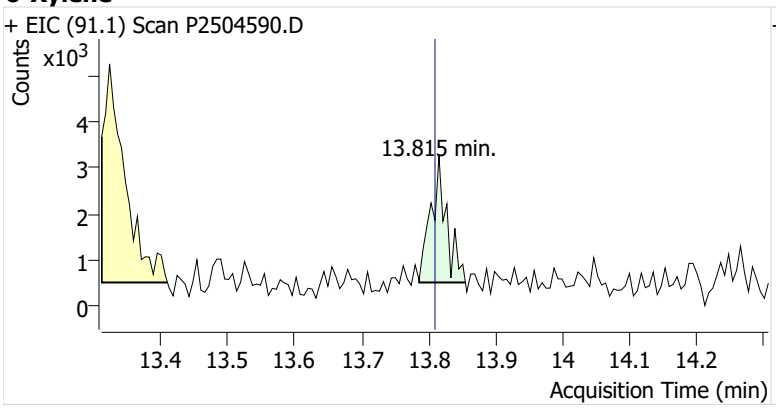


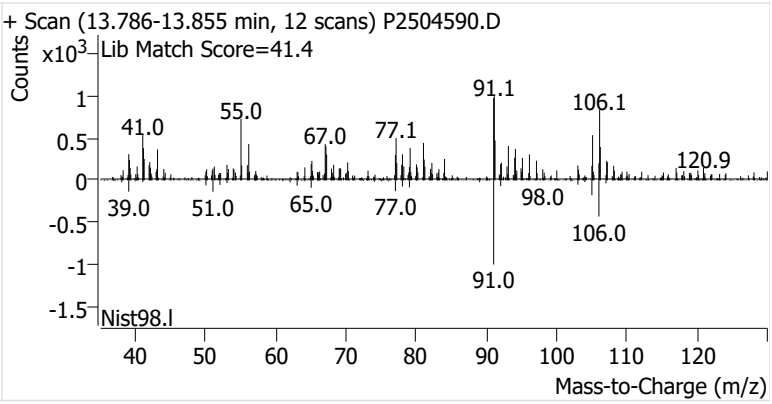
m-/p-Xylenes





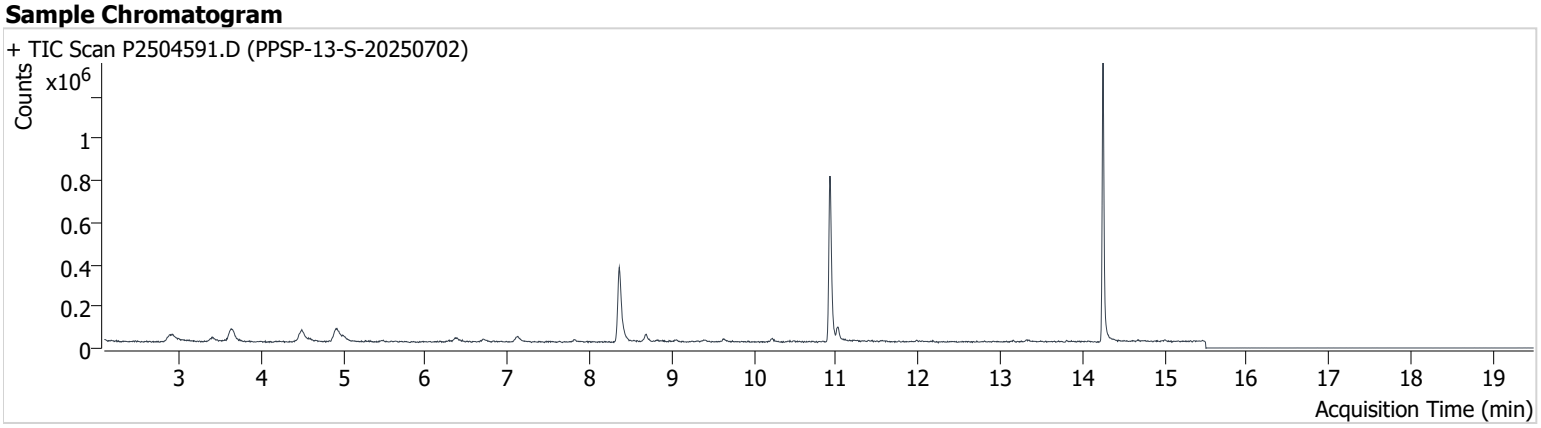
o-Xylene


+ EIC (91.1) Scan P2504590.D
Counts
x10^3
4
3
2
1
0
13.815 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.786-13.855 min, 12 scans) P2504590.D
Lib Match Score=41.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.0
55.0
67.0
77.1
91.1
106.1
120.9
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

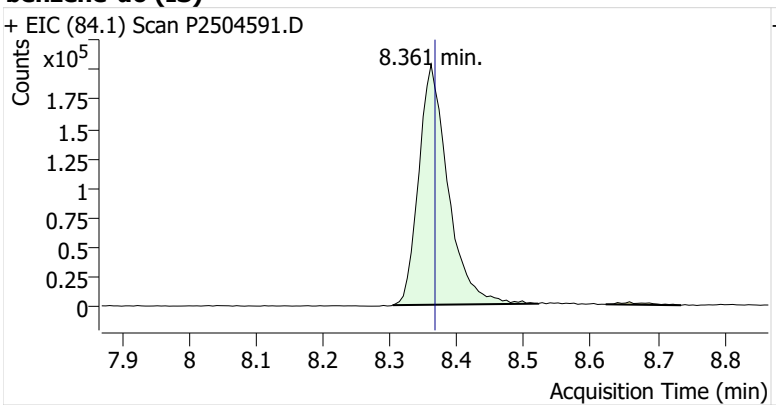
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Comment	C39020
Data File	P2504591.D
Acq. Date-Time	7/21/2025 6:17:16 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

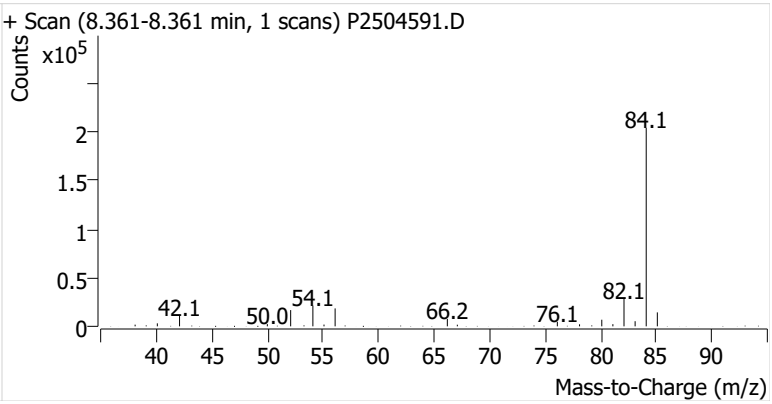
Sample Chromatogram



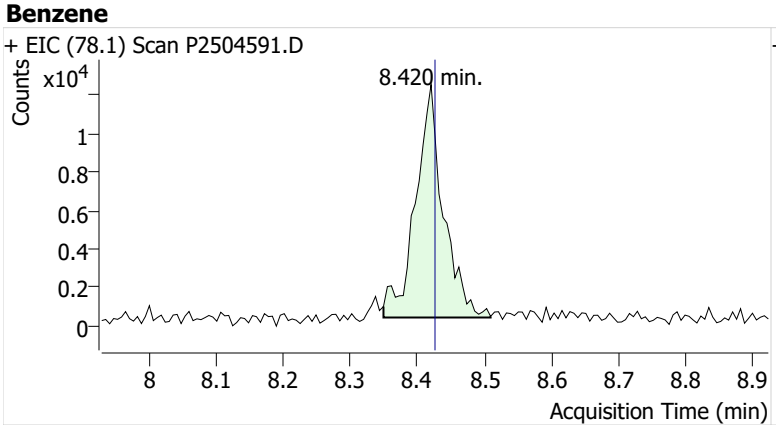
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.361	8.367	621,012	
Benzene	benzene-d6 (IS)	8.420	8.426	34,998	
Toluene-d8 (IS)		10.925	10.931	753,991	
Toluene	Toluene-d8 (IS)	11.020	11.020	55,203	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.151	5,487	
m-/p-Xylenes	Toluene-d8 (IS)	13.317	13.341	9,077	m
o-Xylene	Toluene-d8 (IS)	13.804	13.809	4,029	

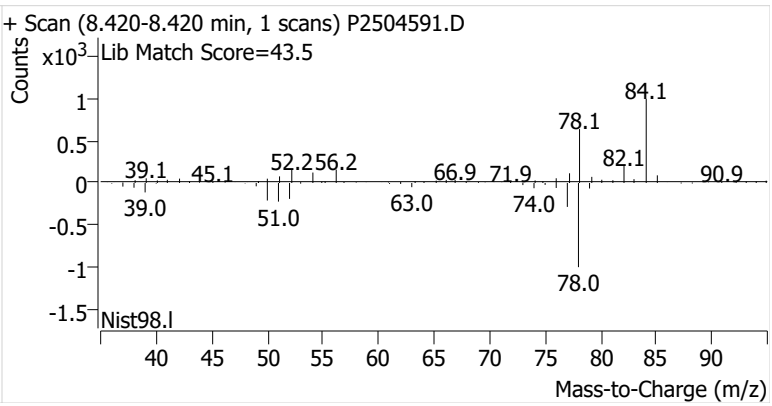
benzene-d6 (IS)



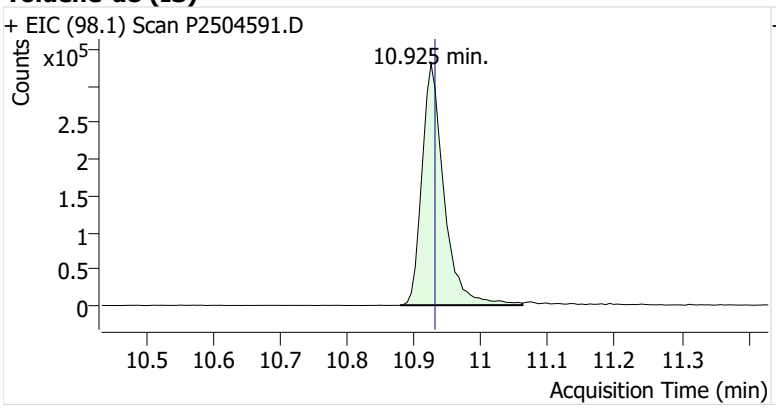


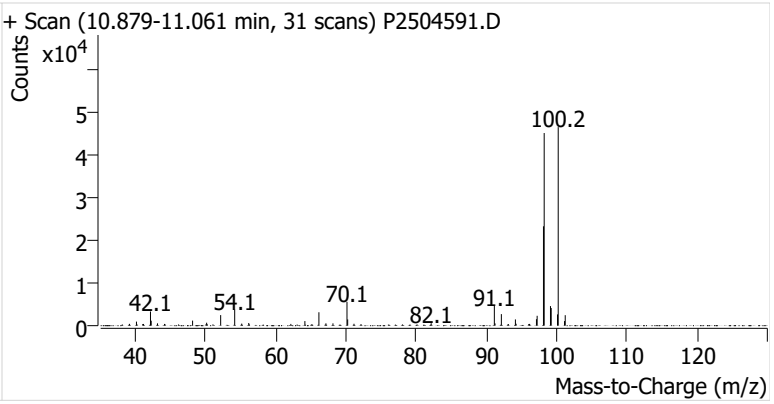
Benzene



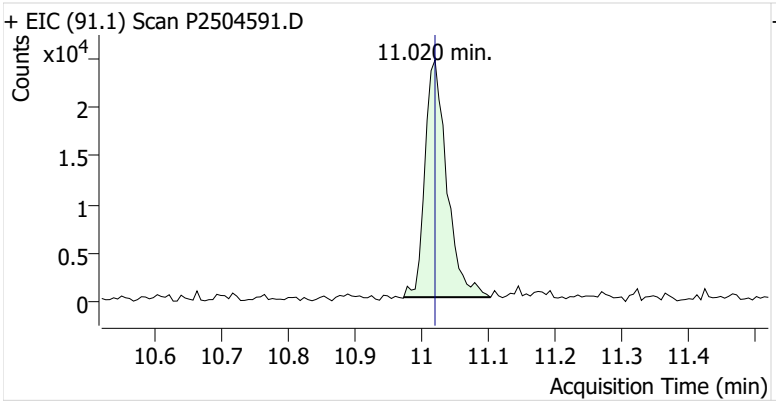


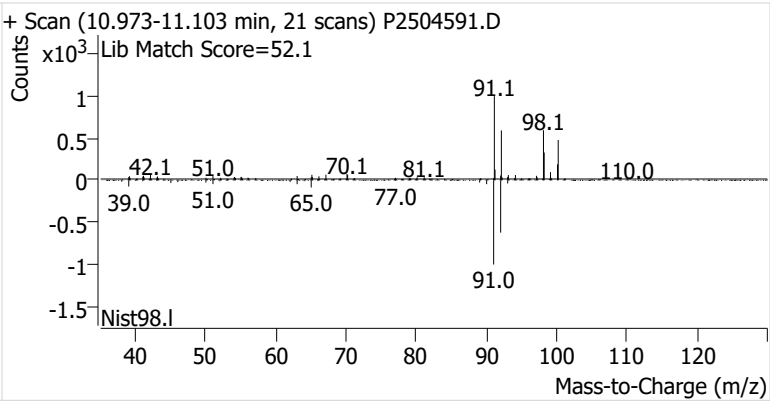
Toluene-d8 (IS)



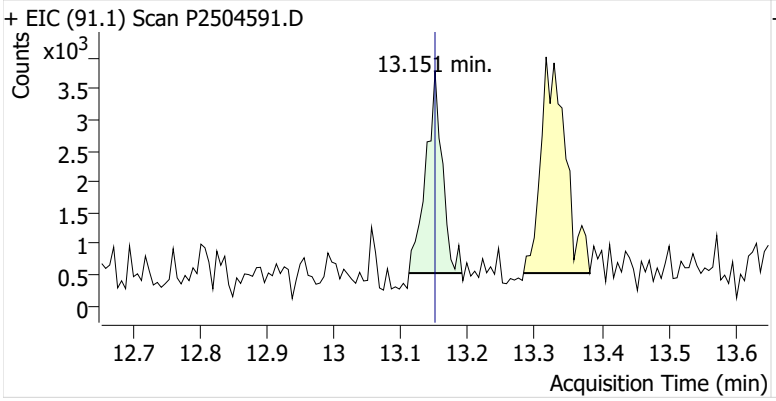


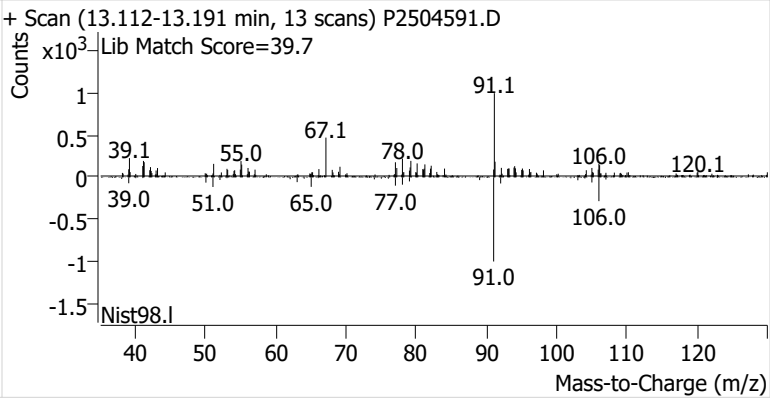
Toluene



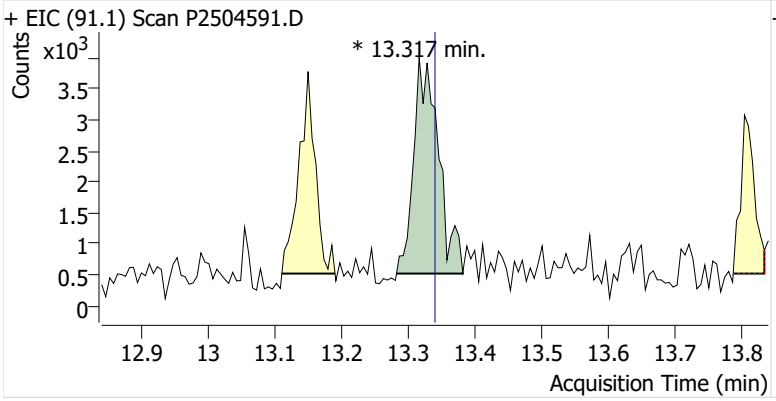


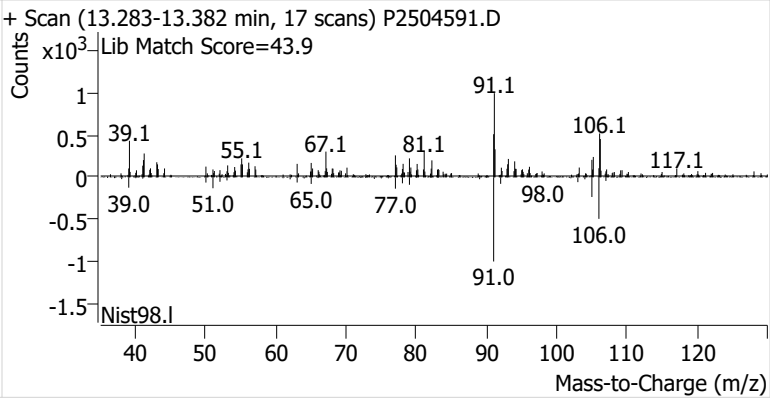
Ethylbenzene



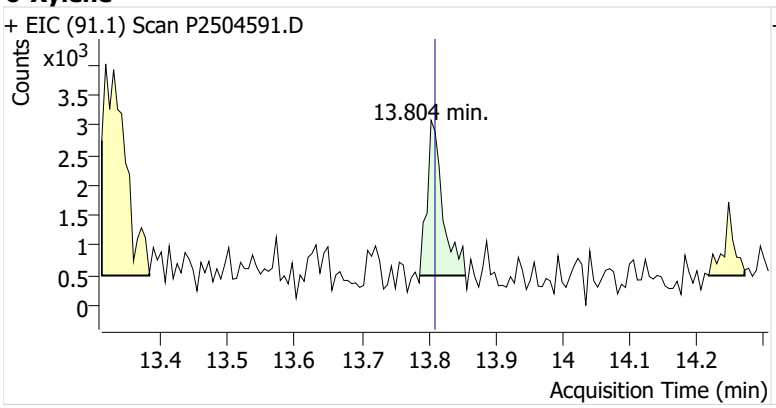


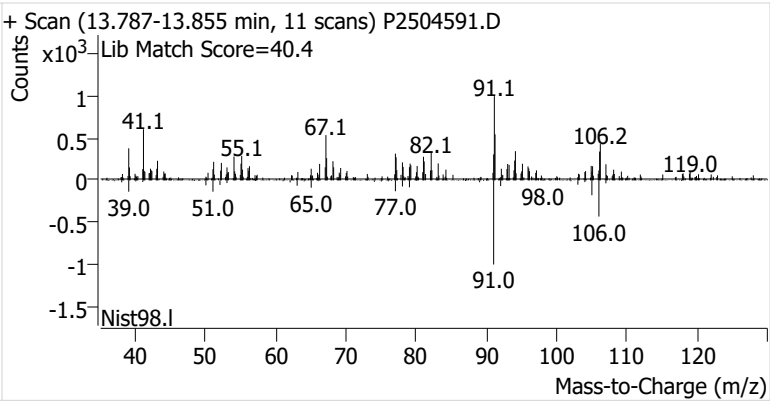
m-/p-Xylenes





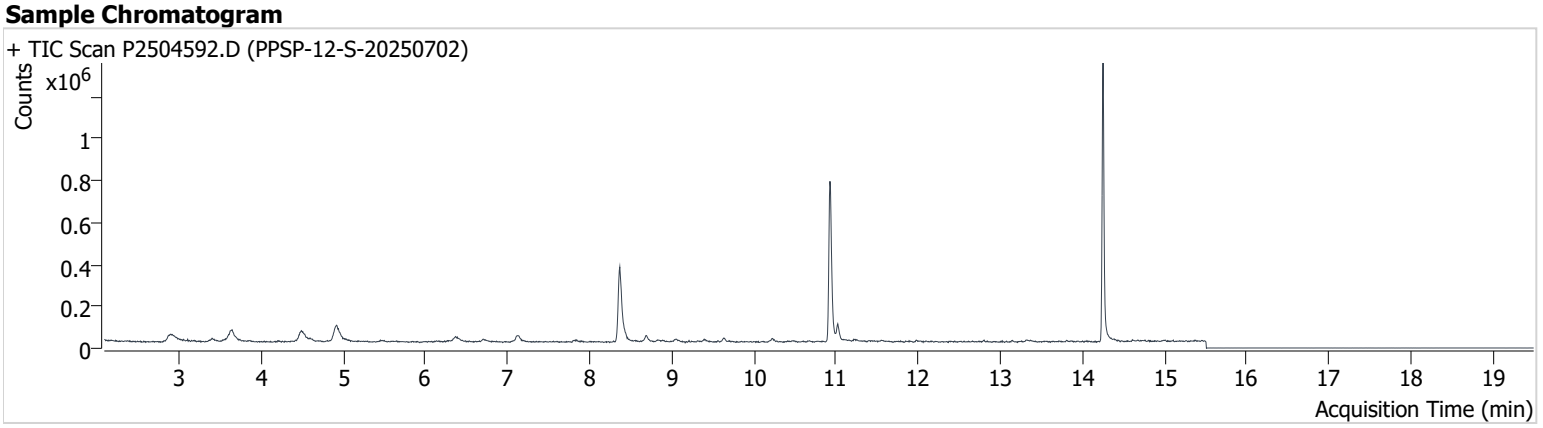
o-Xylene


+ EIC (91.1) Scan P2504591.D
Counts
x10^3
3.5
3
2.5
2
1.5
1
0.5
0
13.804 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.787-13.855 min, 11 scans) P2504591.D
Counts
x10^3
Lib Match Score=40.4
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
67.1
82.1
91.1
106.2
119.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

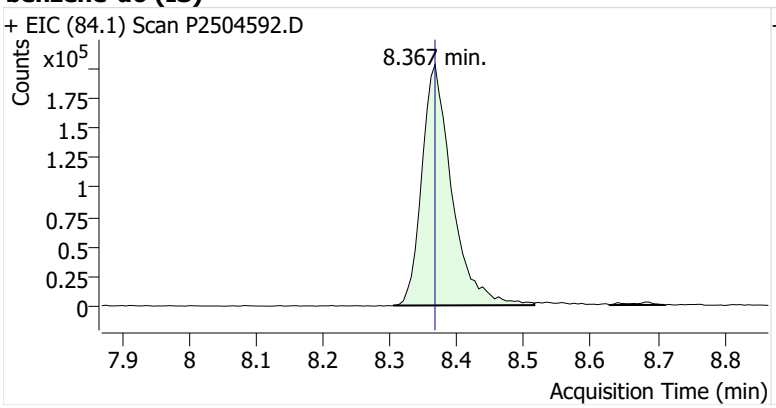
Name	PPSP-12-S-20250702
Comment	C55340
Data File	P2504592.D
Acq. Date-Time	7/21/2025 6:54:54 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

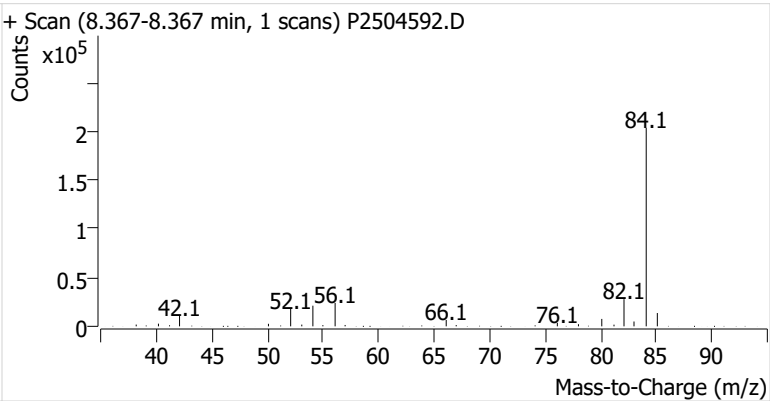
Sample Chromatogram



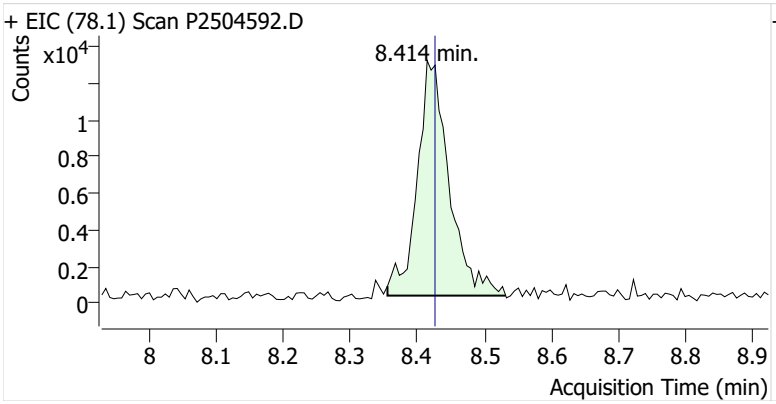
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.367	8.367	632,464	
Benzene	benzene-d6 (IS)	8.414	8.426	42,816	
Toluene-d8 (IS)		10.925	10.931	755,358	
Toluene	Toluene-d8 (IS)	11.020	11.020	66,971	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.151	4,129	
m-/p-Xylenes	Toluene-d8 (IS)	13.329	13.341	8,911	
o-Xylene	Toluene-d8 (IS)	13.810	13.809	3,532	

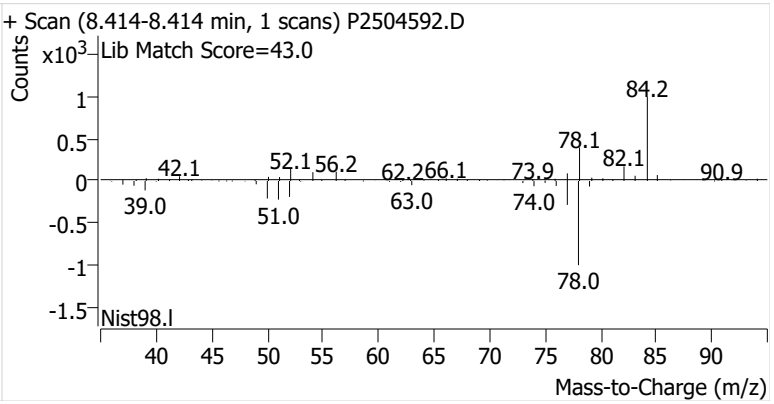
benzene-d6 (IS)



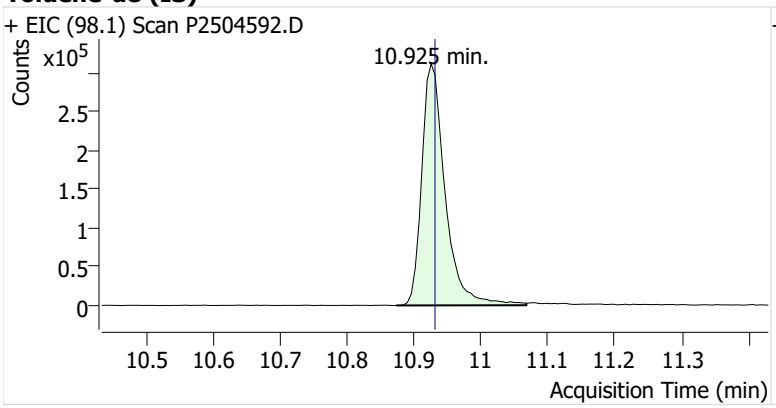


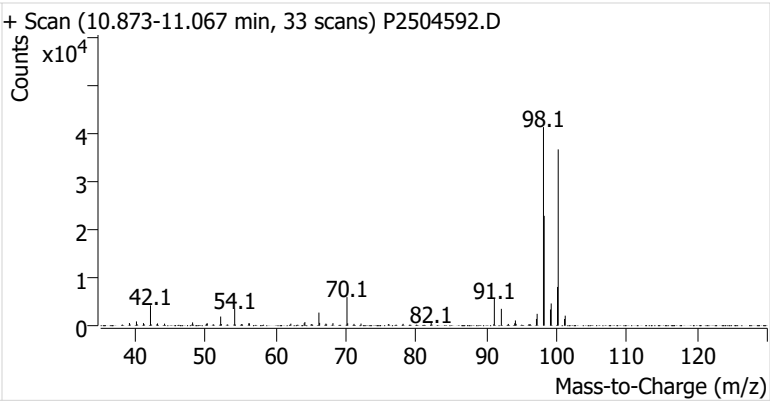
Benzene



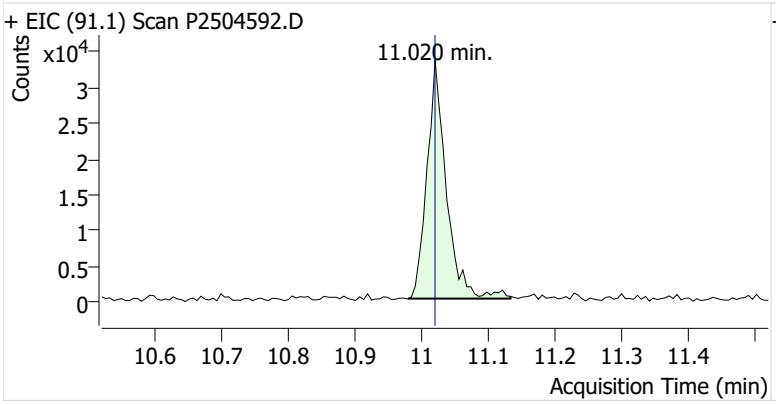


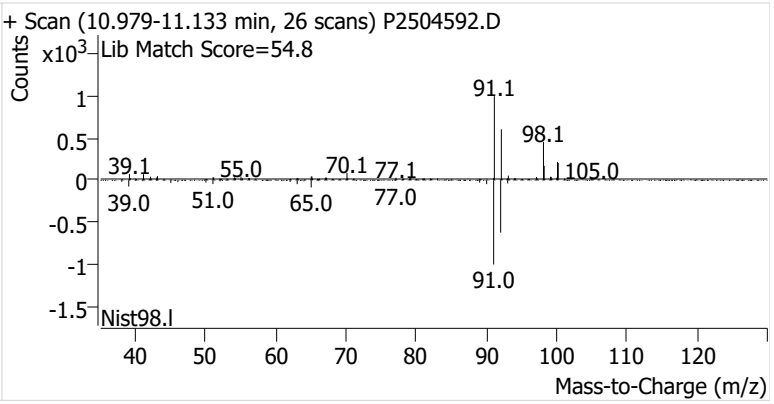
Toluene-d8 (IS)



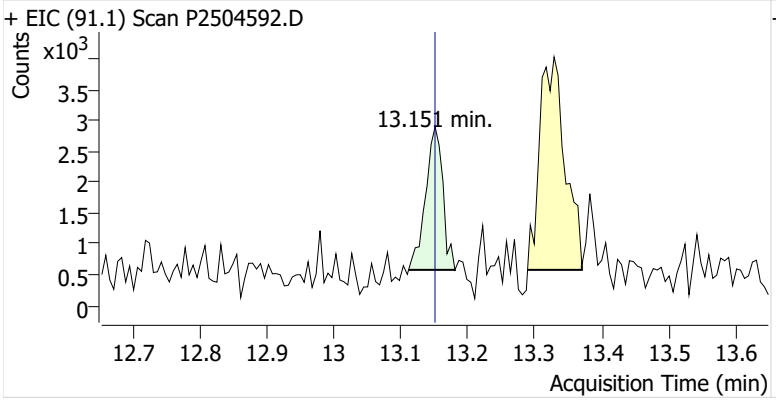


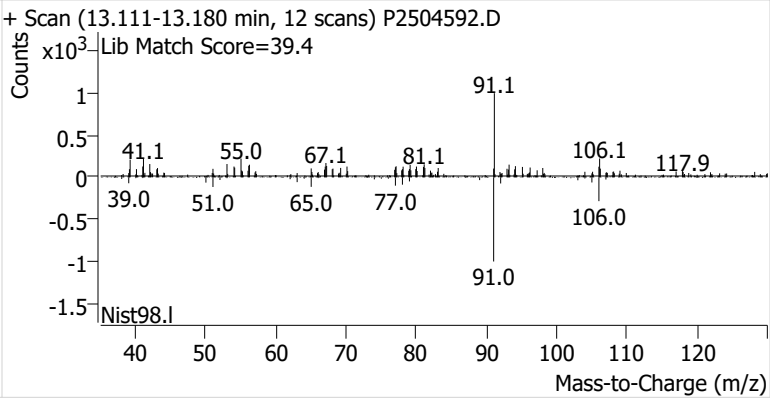
Toluene



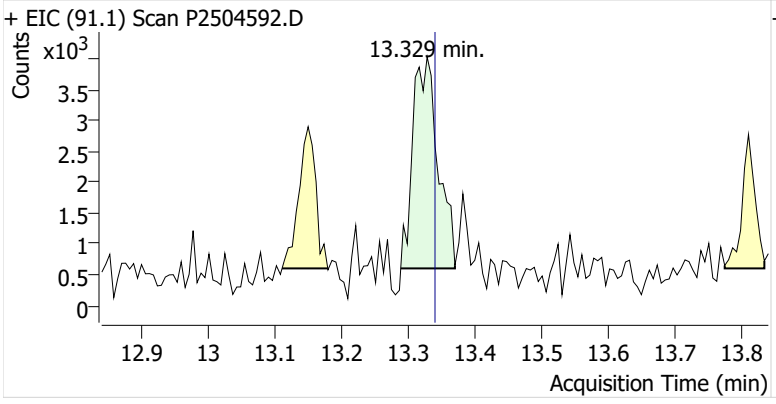


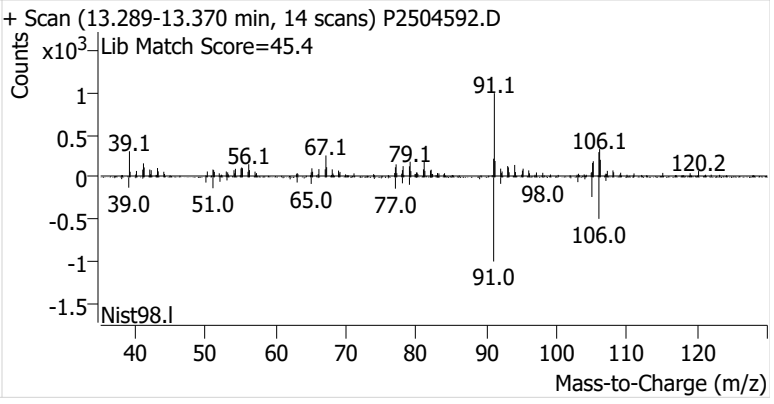
Ethylbenzene



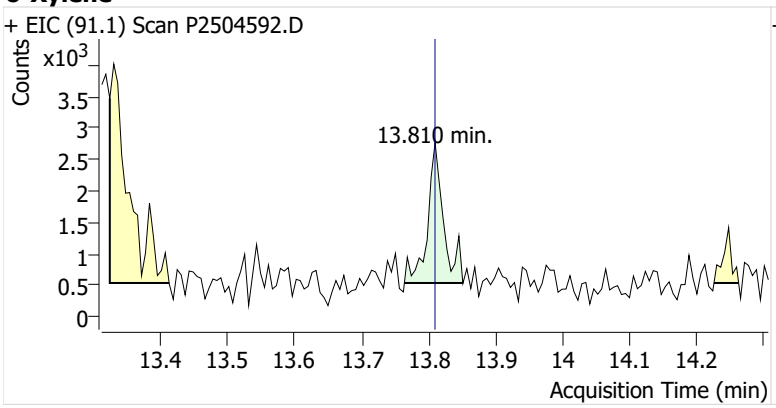


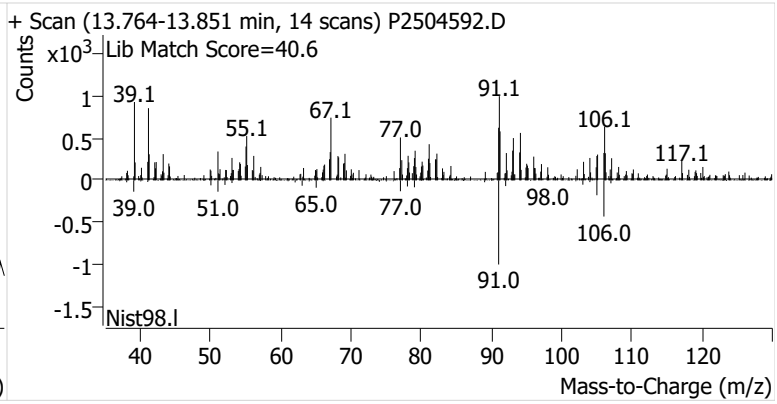
m-/p-Xylenes





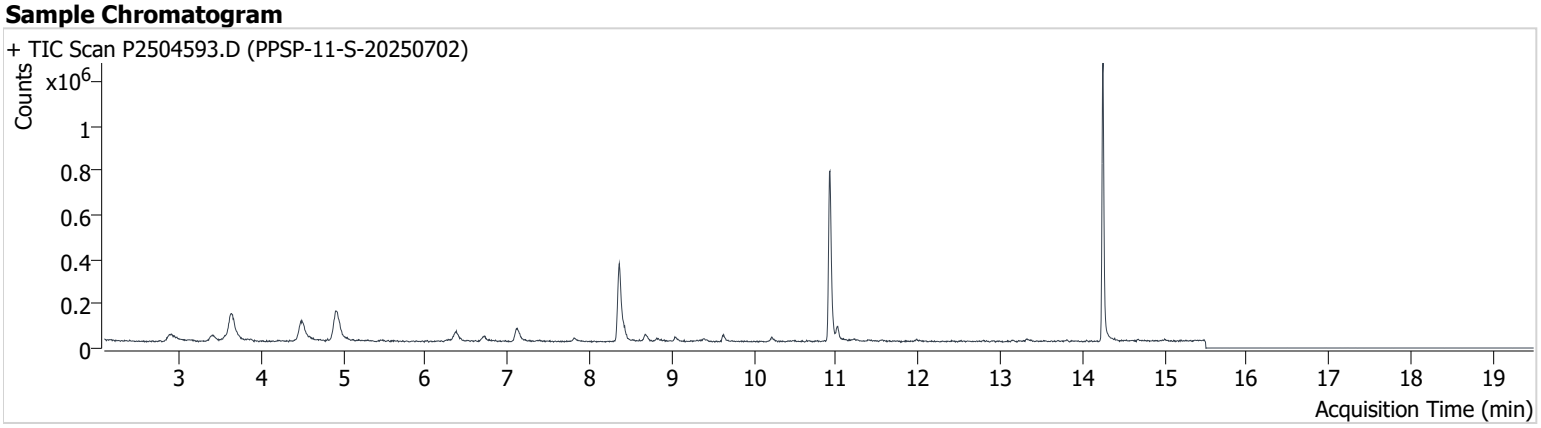
o-Xylene


+ EIC (91.1) Scan P2504592.D
Counts
x10^3
3.5
3
2.5
2
1.5
1
0.5
0
13.810 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.764-13.851 min, 14 scans) P2504592.D
Lib Match Score=40.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
39.1
55.1
67.1
77.0
91.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

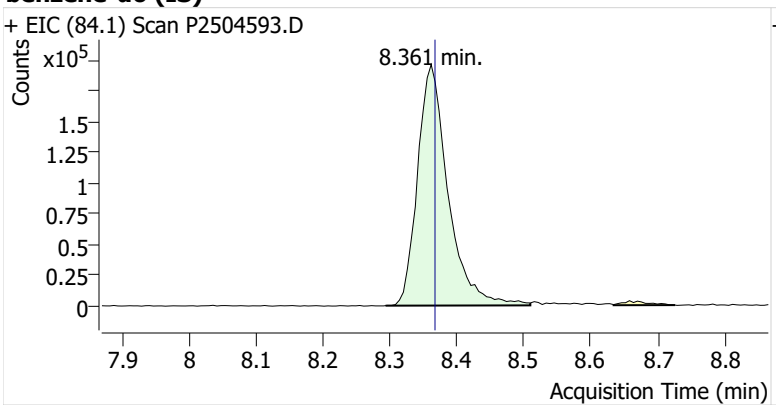
Name	PPSP-11-S-20250702
Comment	C39218
Data File	P2504593.D
Acq. Date-Time	7/21/2025 7:32:13 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

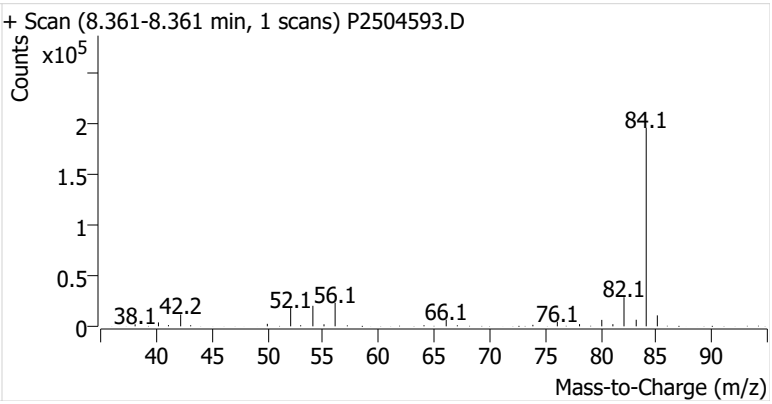
Sample Chromatogram



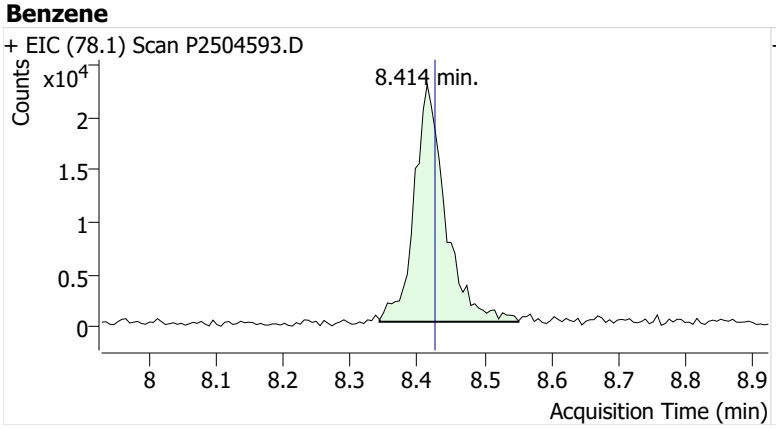
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.361	8.367	619,089	
Benzene	benzene-d6 (IS)	8.414	8.426	74,032	
Toluene-d8 (IS)		10.919	10.931	752,968	
Toluene	Toluene-d8 (IS)	11.020	11.020	53,536	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	5,140	
m-/p-Xylenes	Toluene-d8 (IS)	13.317	13.341	10,030	
o-Xylene	Toluene-d8 (IS)	13.810	13.809	3,770	

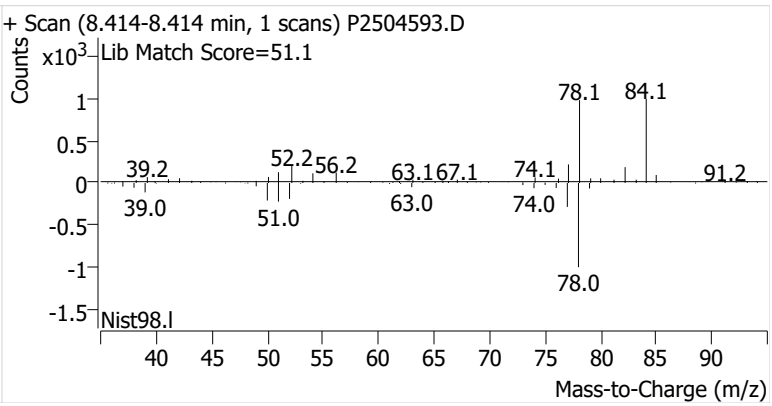
benzene-d6 (IS)



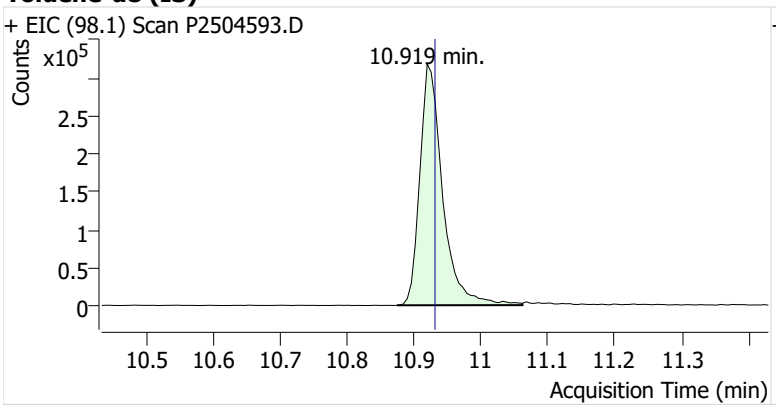


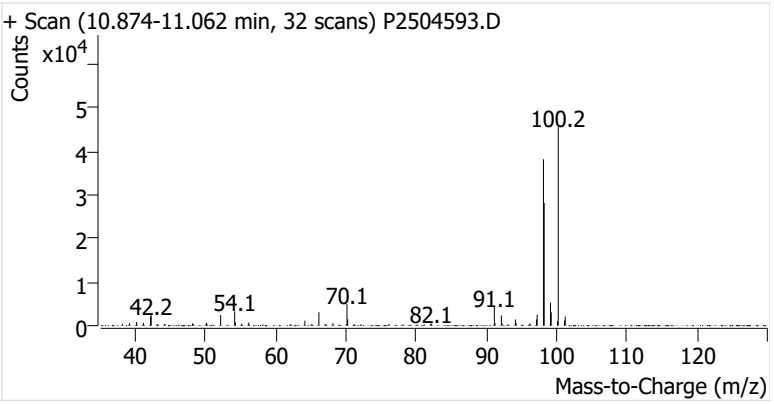
Benzene



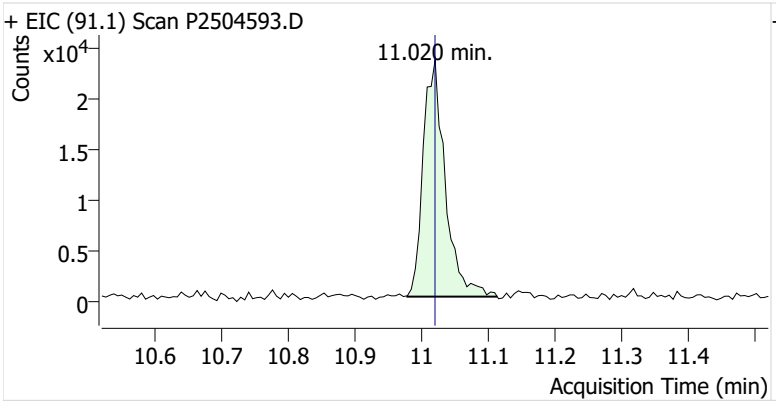


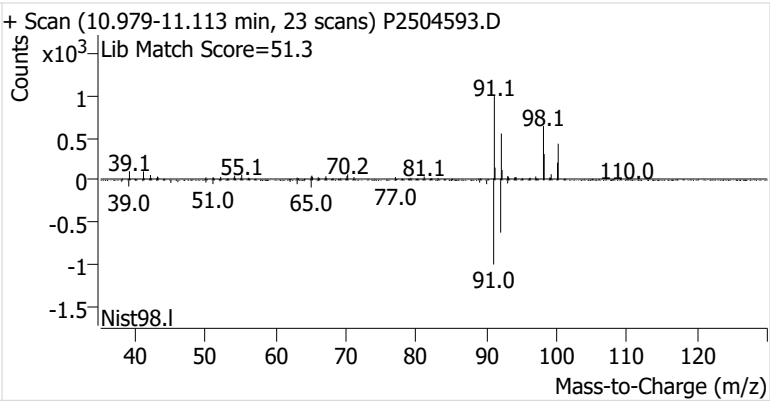
Toluene-d8 (IS)



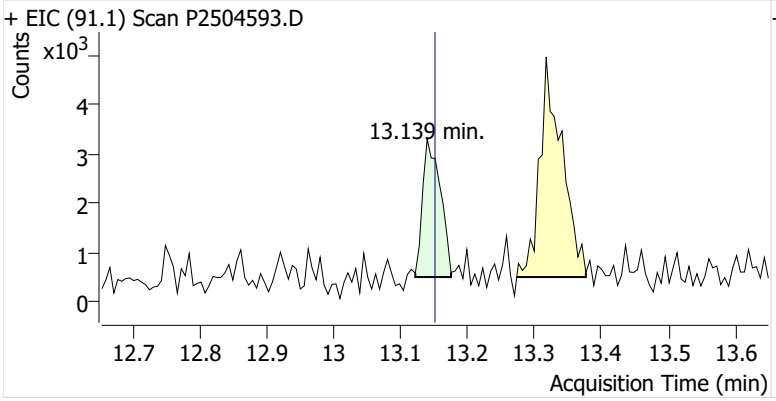


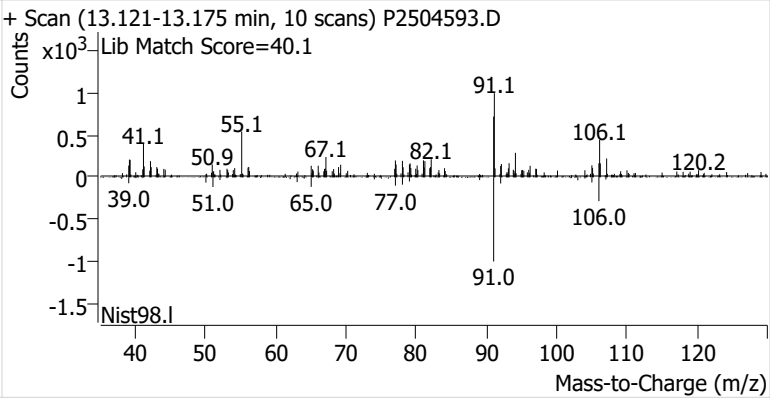
Toluene



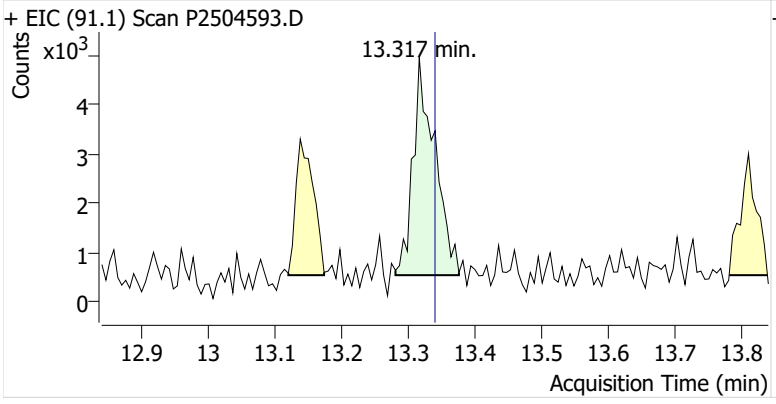


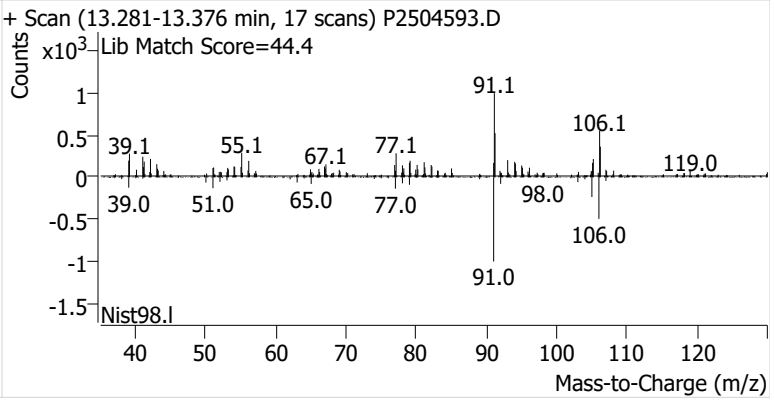
Ethylbenzene



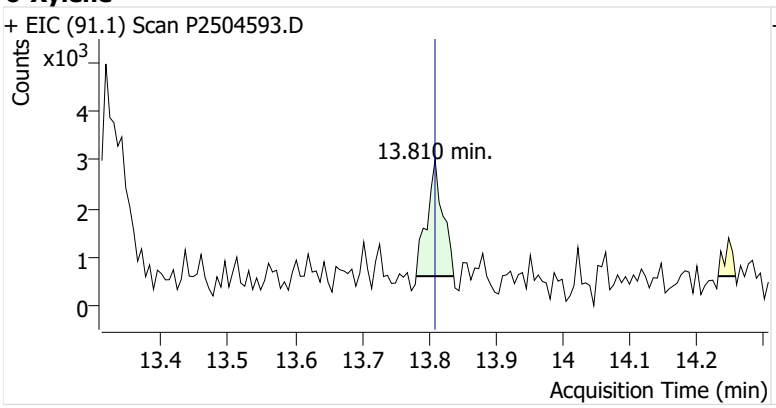


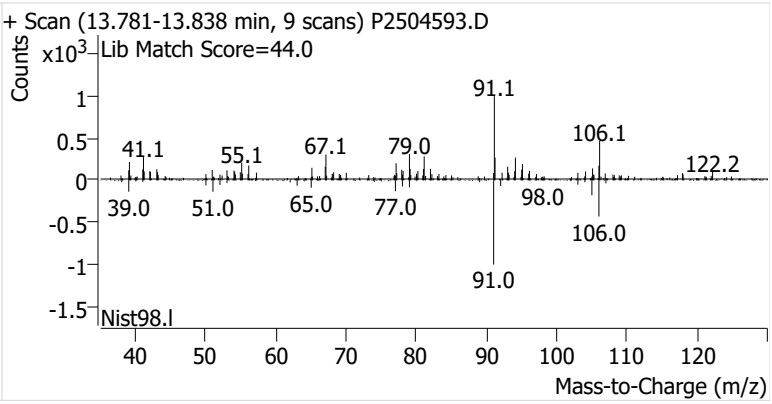
m-/p-Xylenes





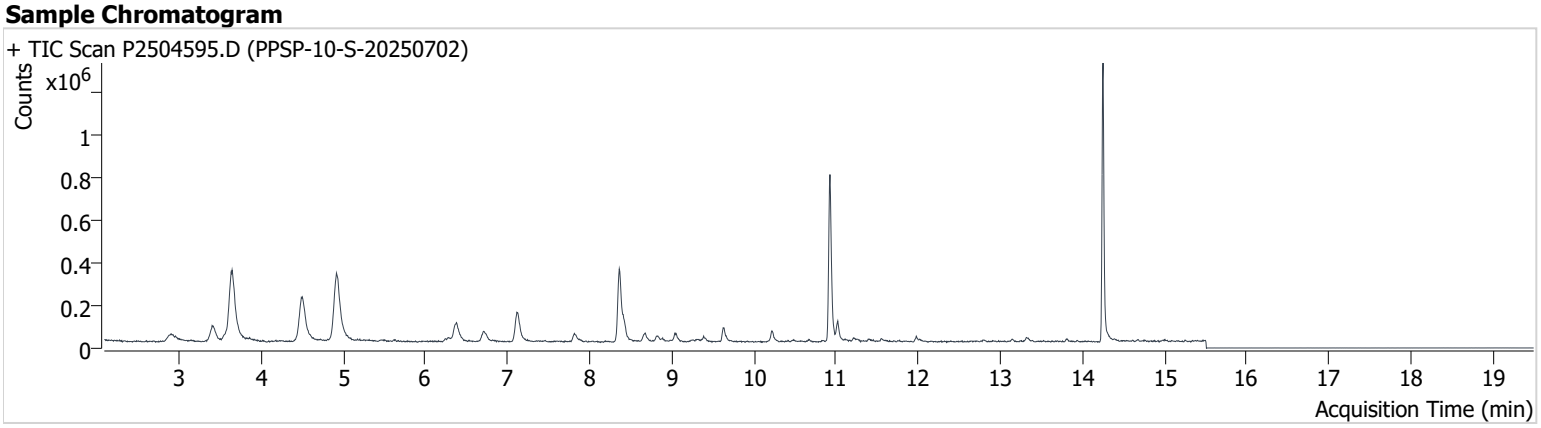
o-Xylene


+ EIC (91.1) Scan P2504593.D
Counts
x10^3
4
3
2
1
0
13.810 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.781-13.838 min, 9 scans) P2504593.D
Lib Match Score=44.0
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.0
122.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

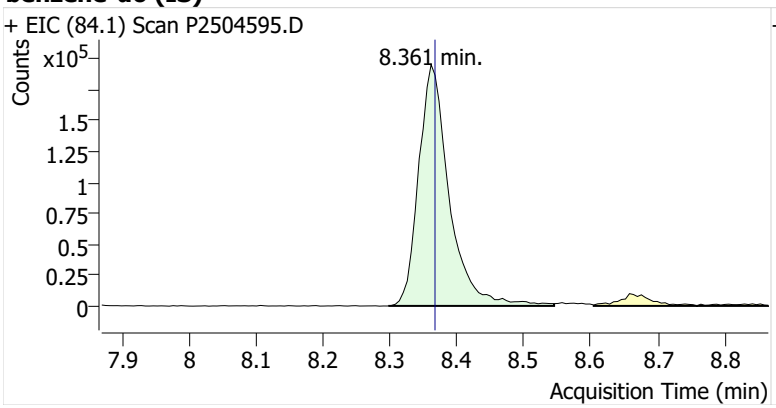
Name	PPSP-10-S-20250702
Comment	C38896
Data File	P2504595.D
Acq. Date-Time	7/21/2025 8:46:47 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

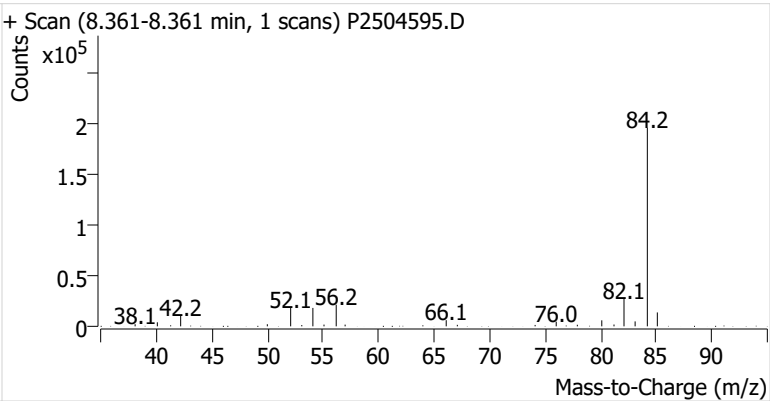
Sample Chromatogram



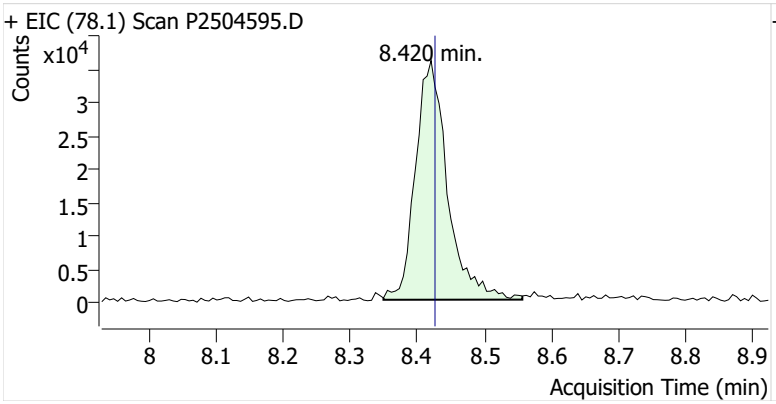
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.361	8.367	618,905	
Benzene	benzene-d6 (IS)	8.420	8.426	120,052	
Toluene-d8 (IS)		10.925	10.931	738,828	
Toluene	Toluene-d8 (IS)	11.020	11.020	77,890	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.151	11,564	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	18,990	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	10,177	

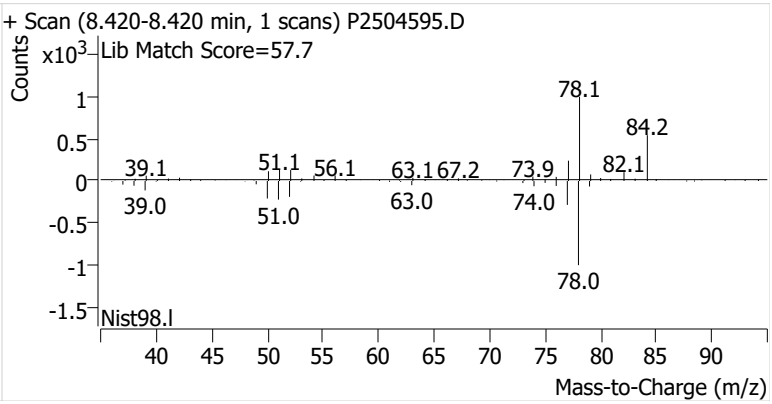
benzene-d6 (IS)



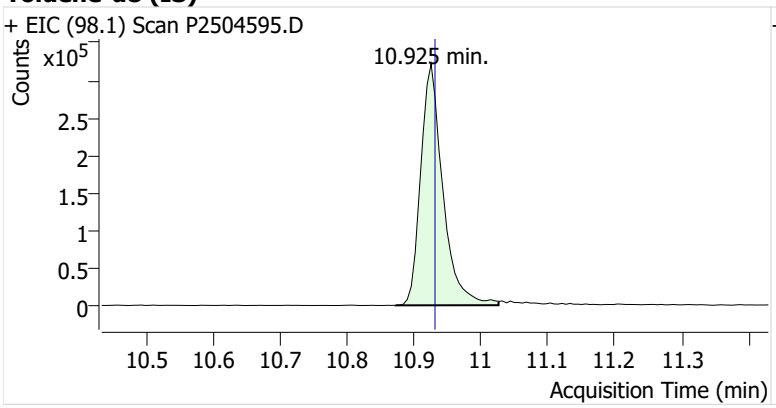


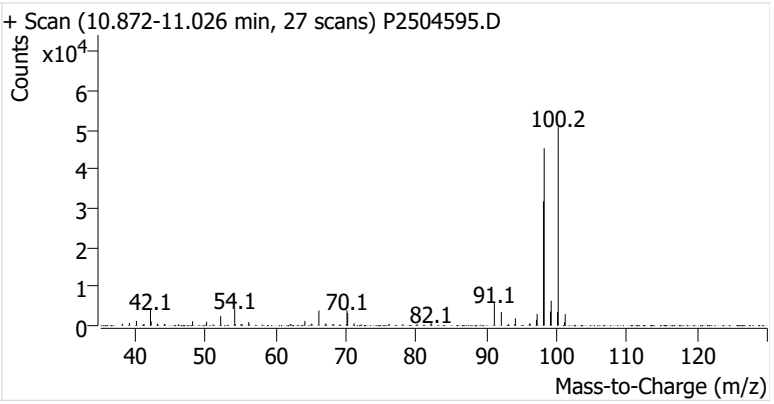
Benzene



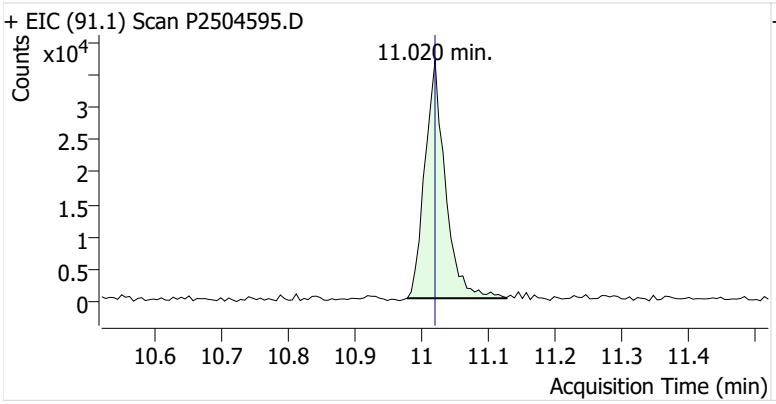


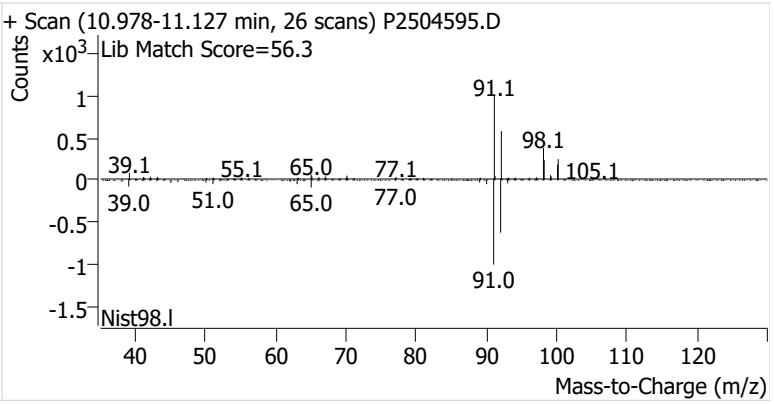
Toluene-d8 (IS)



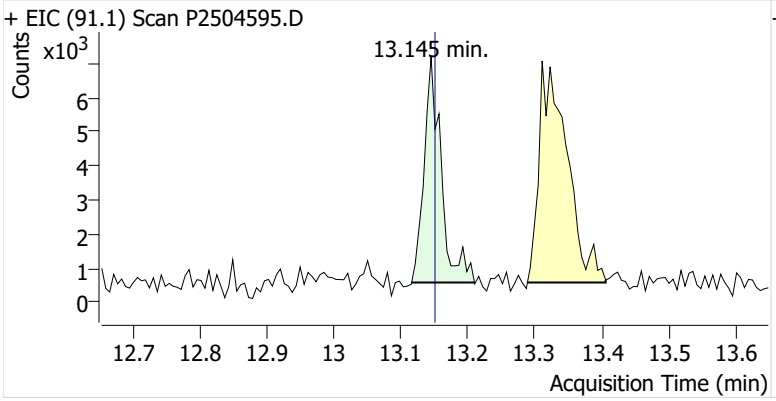


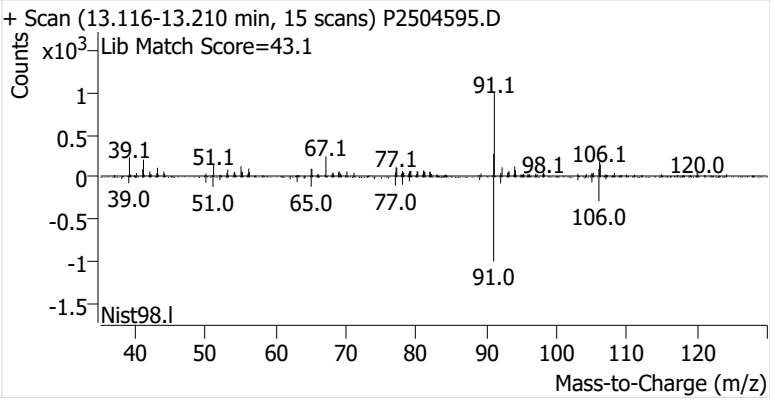
Toluene



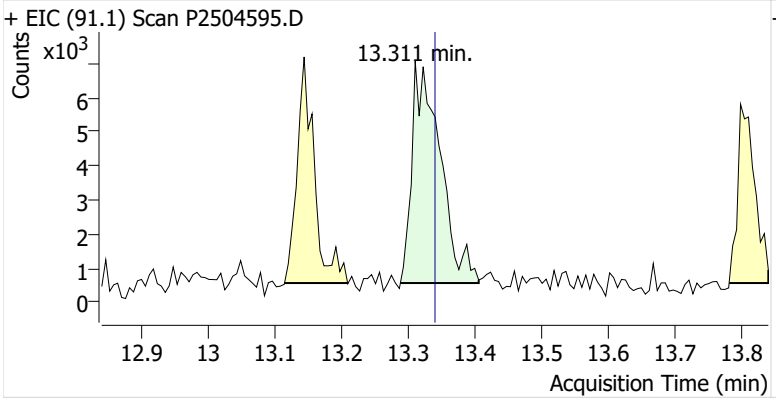


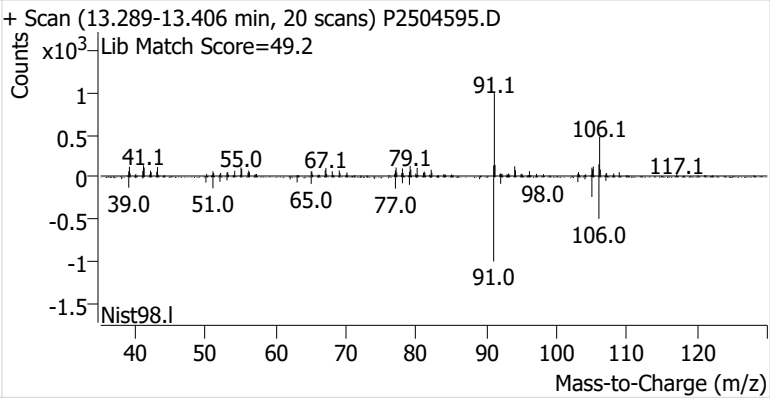
Ethylbenzene



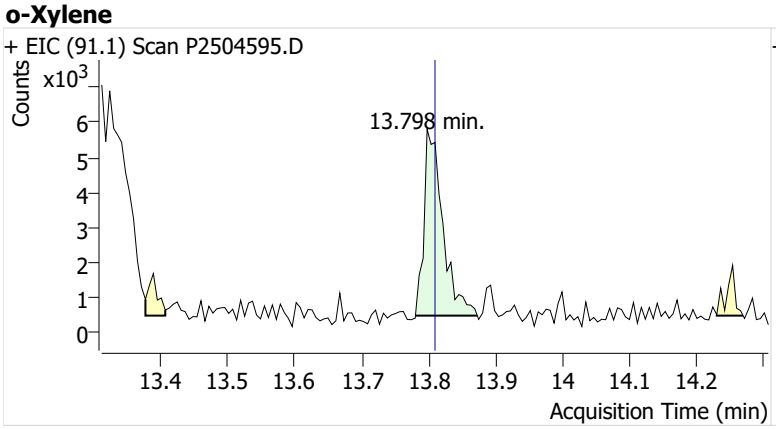


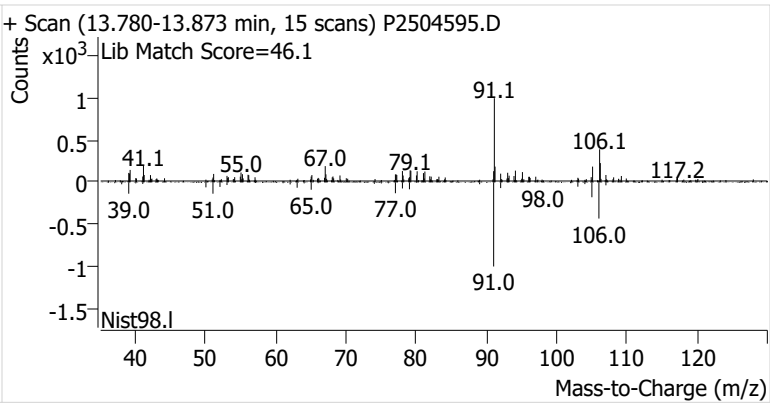
m-/p-Xylenes





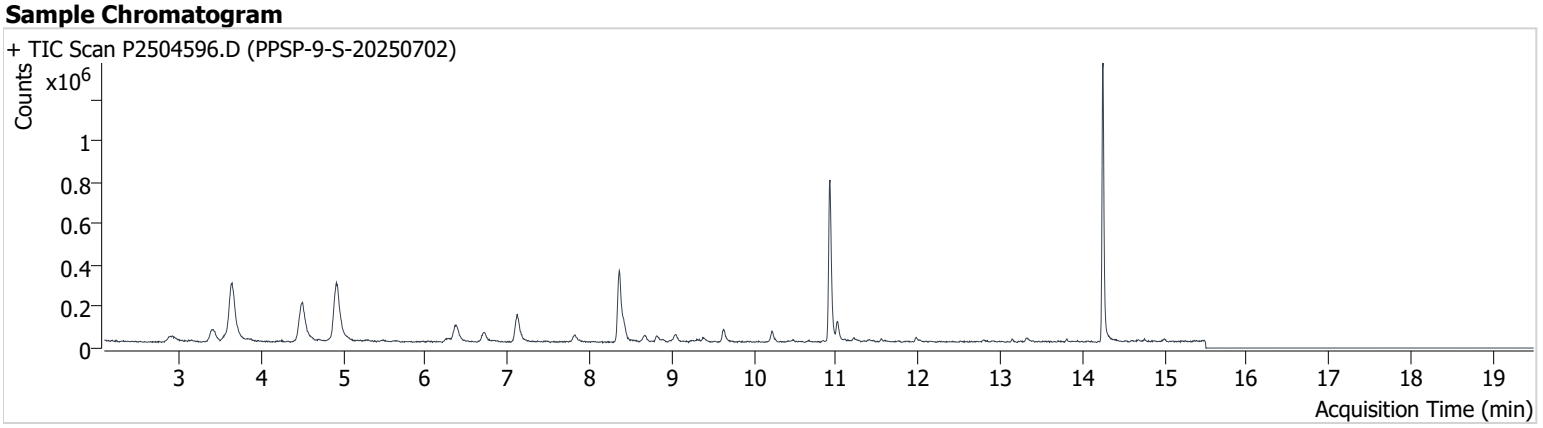
o-Xylene


+ EIC (91.1) Scan P2504595.D
Counts
x10^3
6
5
4
3
2
1
0
13.798 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.780-13.873 min, 15 scans) P2504595.D
Lib Match Score=46.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.0
67.0
79.1
117.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

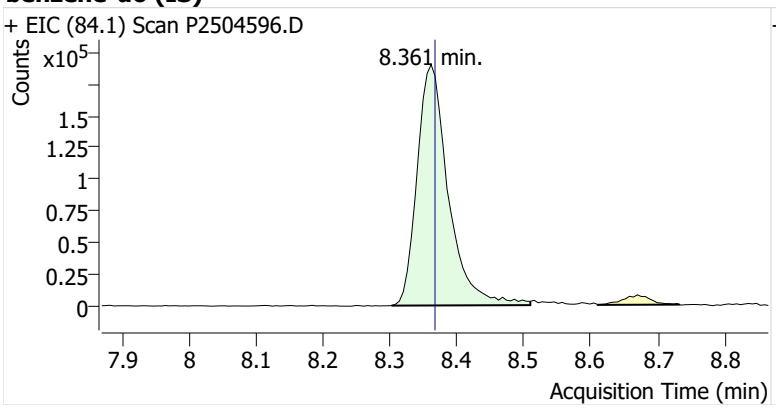
Name	PPSP-9-S-20250702
Comment	B35588
Data File	P2504596.D
Acq. Date-Time	7/21/2025 9:24:03 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

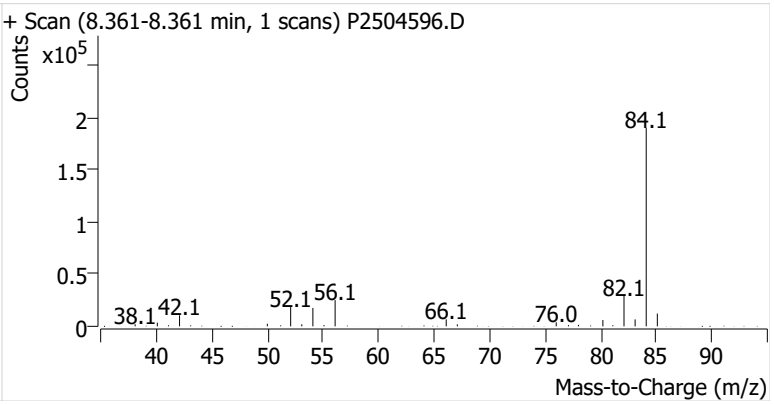
Sample Chromatogram



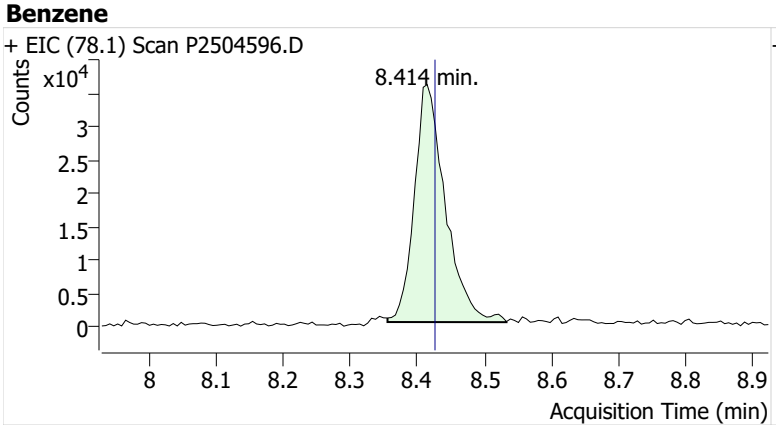
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.361	8.367	614,742	
Benzene	benzene-d6 (IS)	8.414	8.426	115,243	
Toluene-d8 (IS)		10.925	10.931	747,451	
Toluene	Toluene-d8 (IS)	11.020	11.020	87,728	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.151	9,396	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	18,756	
o-Xylene	Toluene-d8 (IS)	13.810	13.809	7,228	

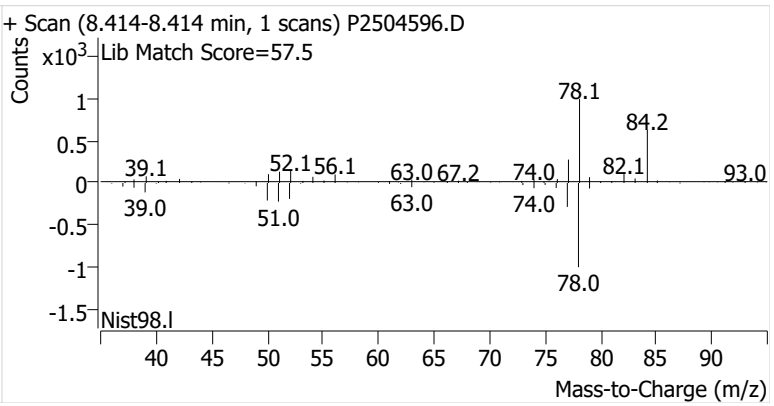
benzene-d6 (IS)



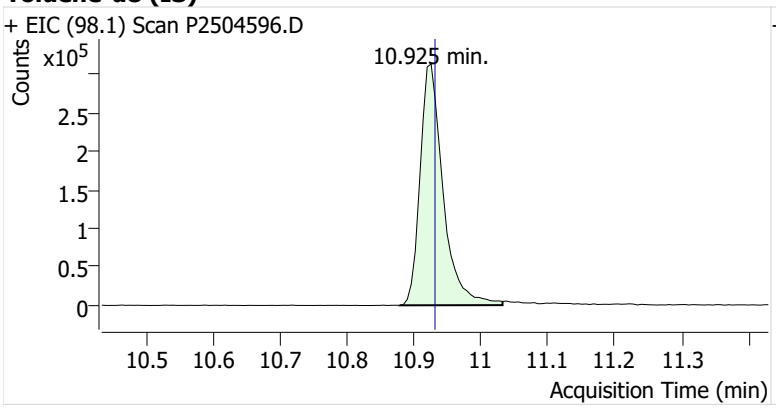


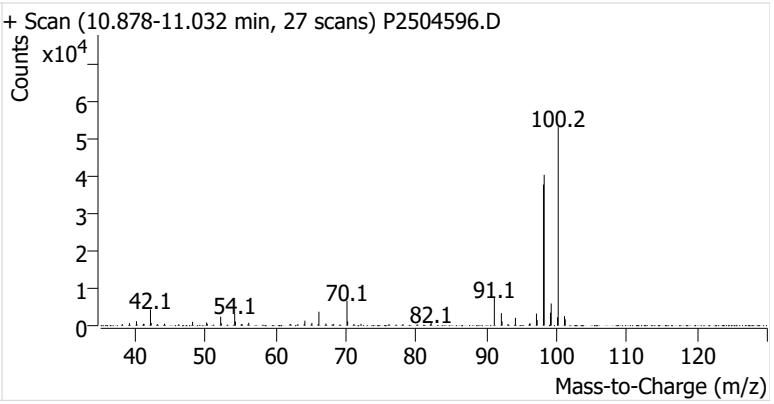
Benzene



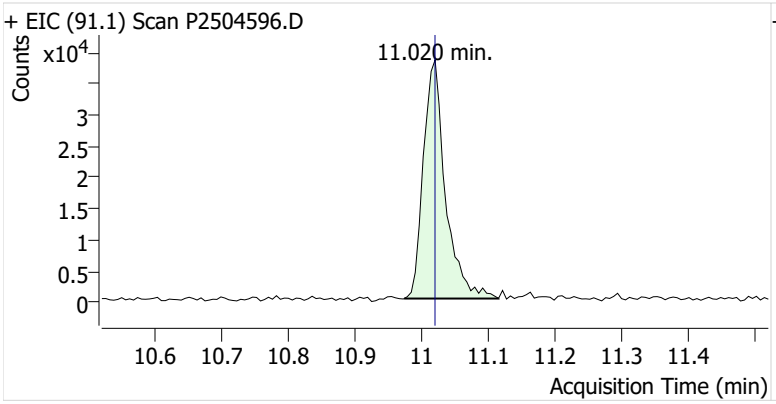


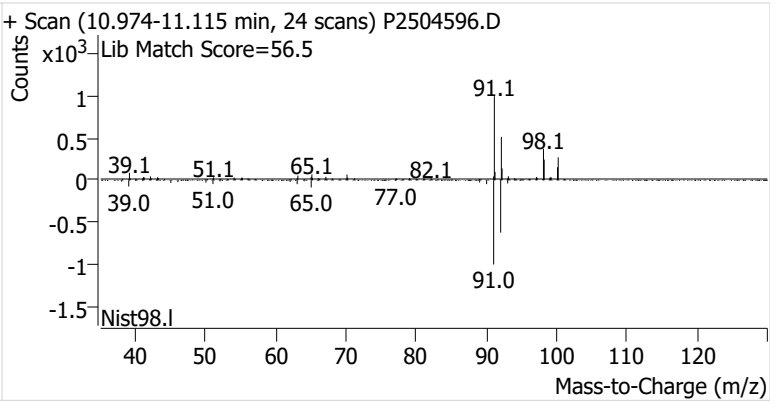
Toluene-d8 (IS)



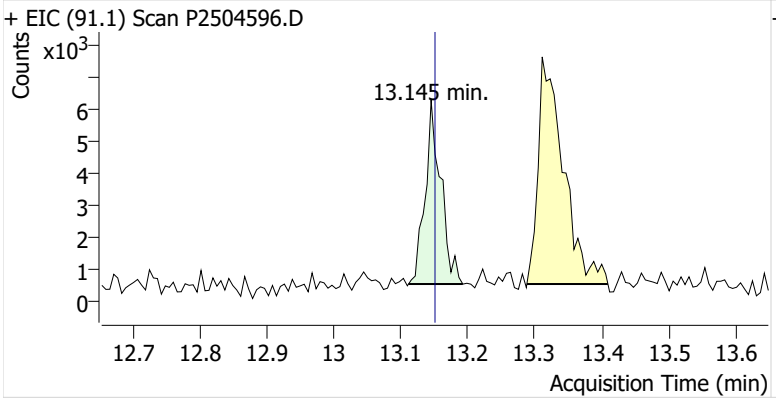


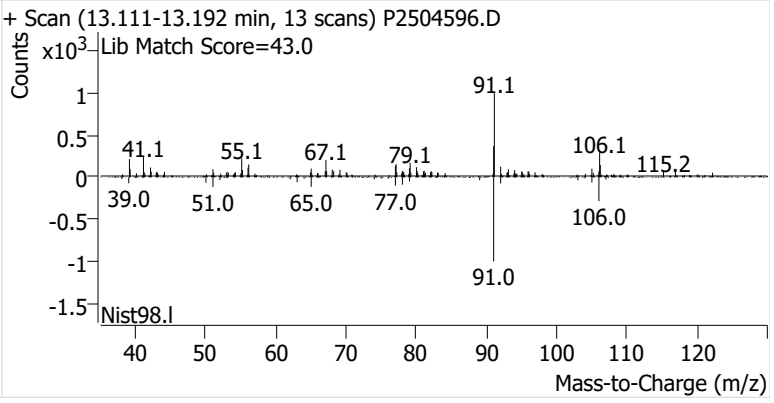
Toluene



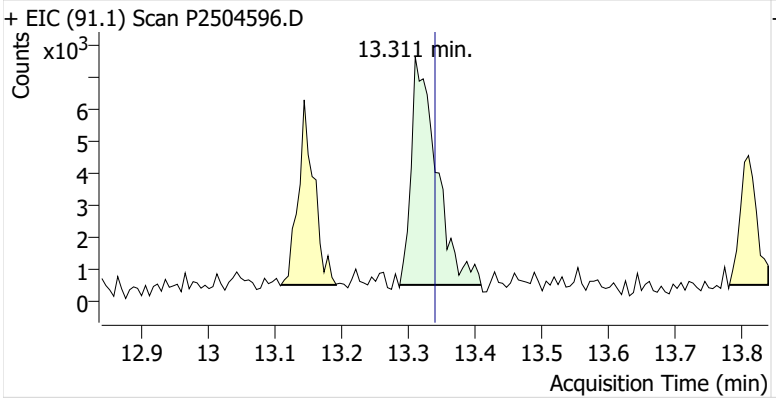


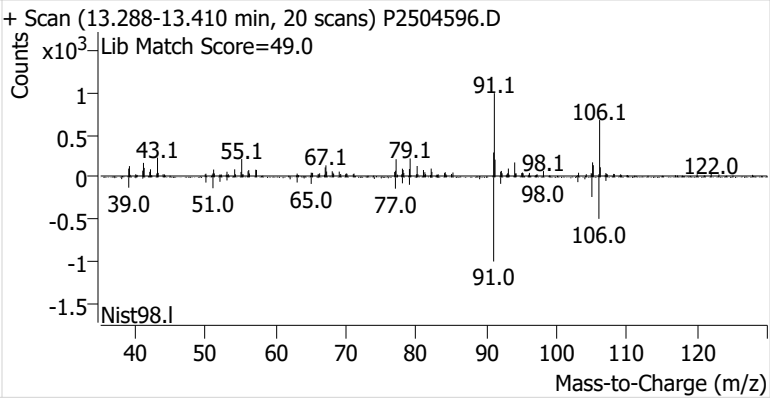
Ethylbenzene



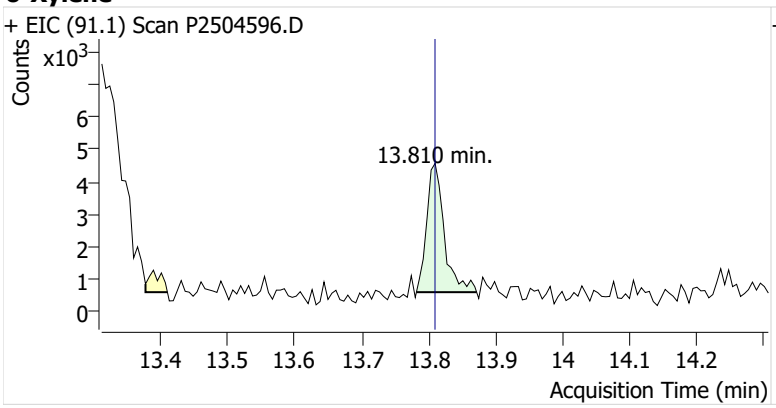


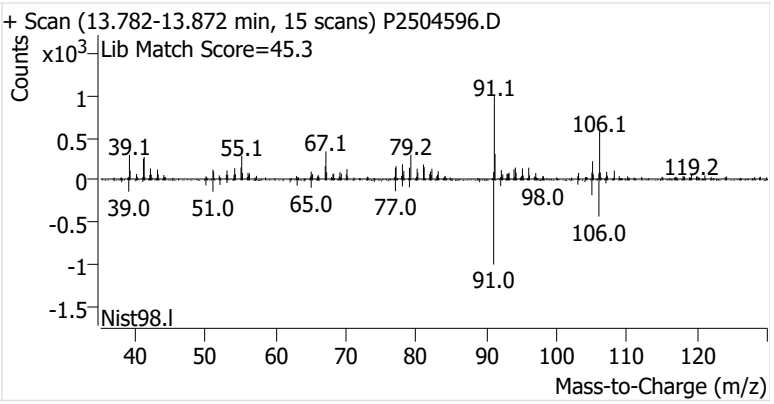
m-/p-Xylenes





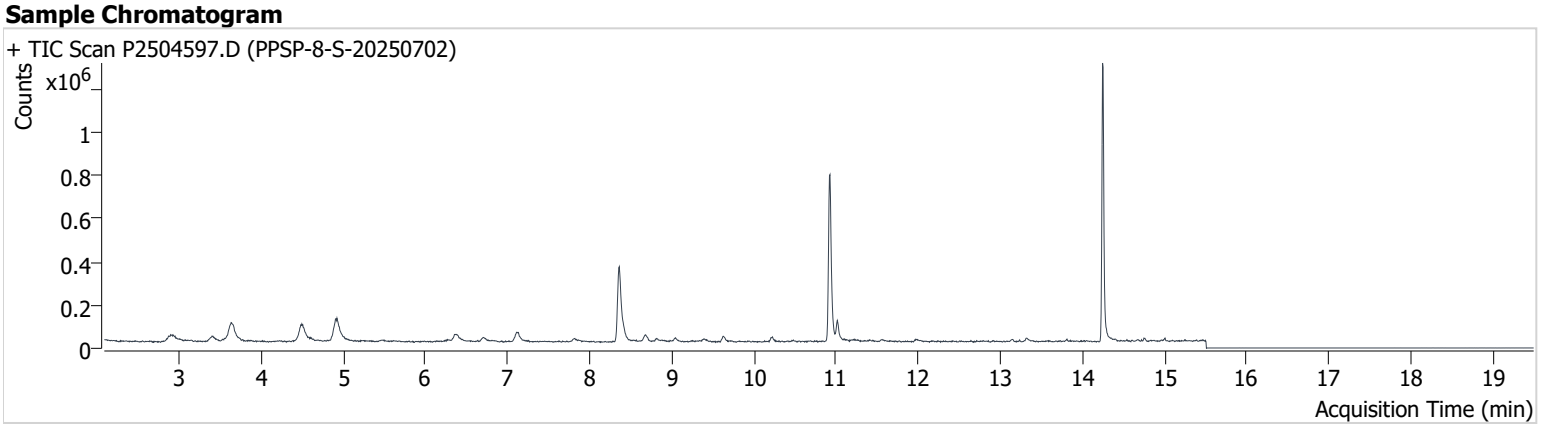
o-Xylene


+ EIC (91.1) Scan P2504596.D
Counts
x10^3
13.810 min.
Acquisition Time (min)


+ Scan (13.782-13.872 min, 15 scans) P2504596.D
Lib Match Score=45.3
Counts
x10^3
91.1
106.1
39.1
55.1
67.1
79.2
119.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

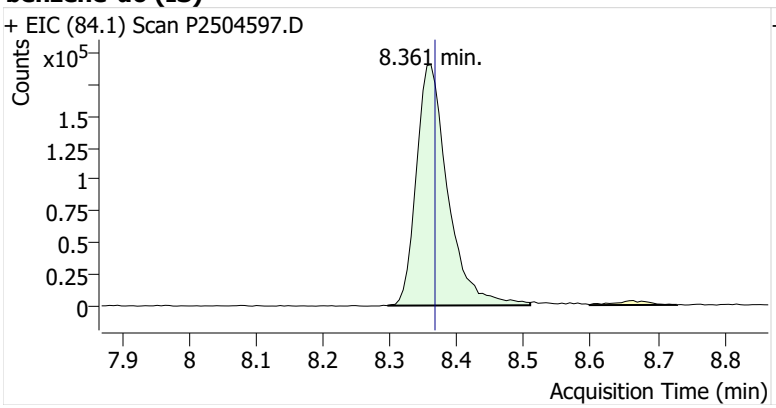
Name	PPSP-8-S-20250702
Comment	C38590
Data File	P2504597.D
Acq. Date-Time	7/21/2025 10:01:20 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

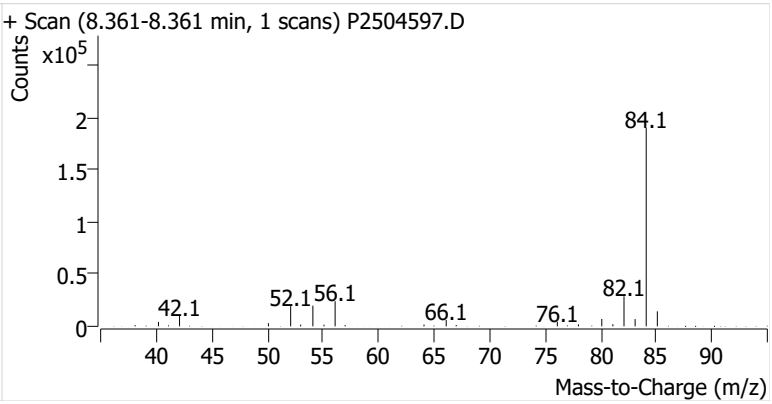
Sample Chromatogram



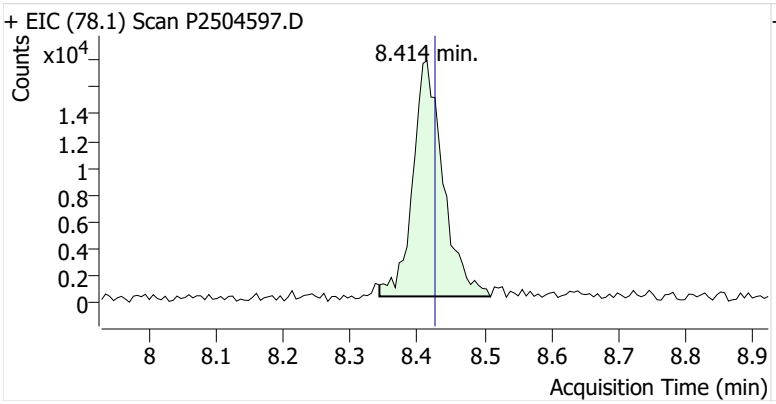
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.361	8.367	622,052	
Benzene	benzene-d6 (IS)	8.414	8.426	55,381	
Toluene-d8 (IS)		10.925	10.931	744,742	
Toluene	Toluene-d8 (IS)	11.014	11.020	78,571	
Ethylbenzene	Toluene-d8 (IS)	13.151	13.151	7,576	
m-/p-Xylenes	Toluene-d8 (IS)	13.323	13.341	15,003	
o-Xylene	Toluene-d8 (IS)	13.803	13.809	5,132	

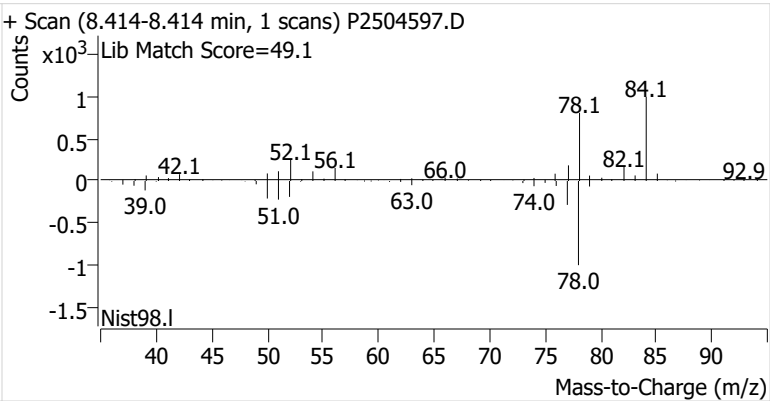
benzene-d6 (IS)



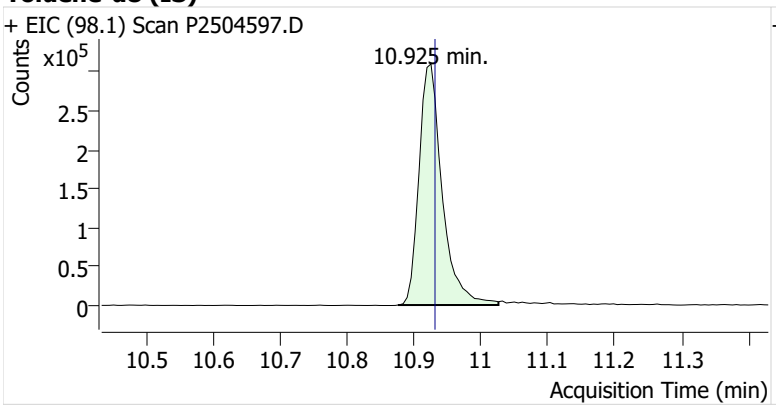


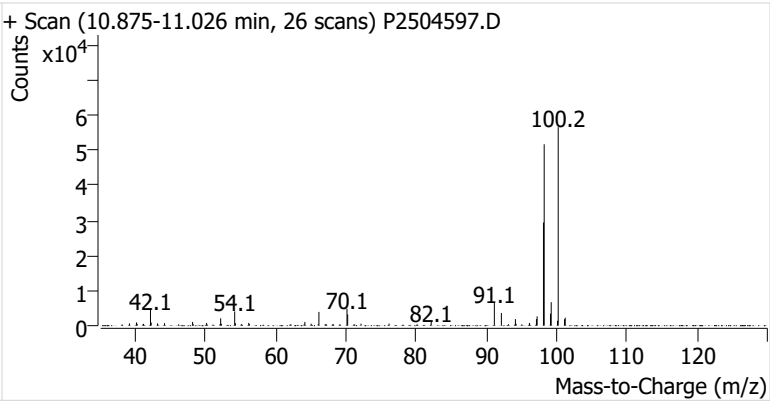
Benzene



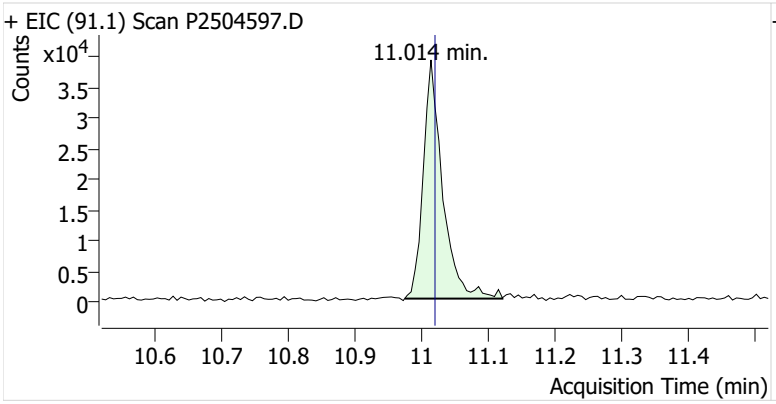


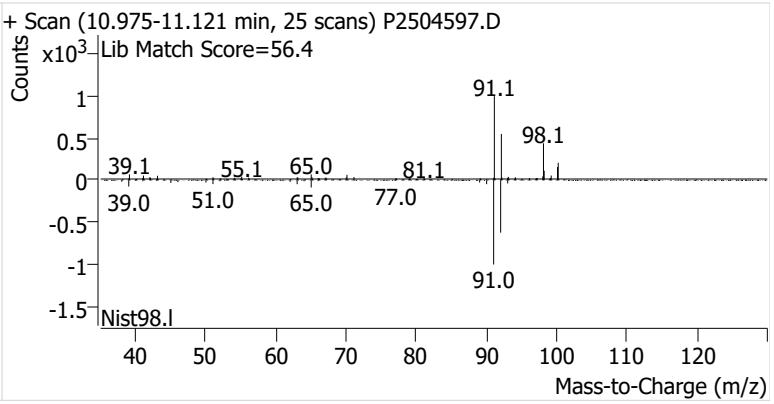
Toluene-d8 (IS)



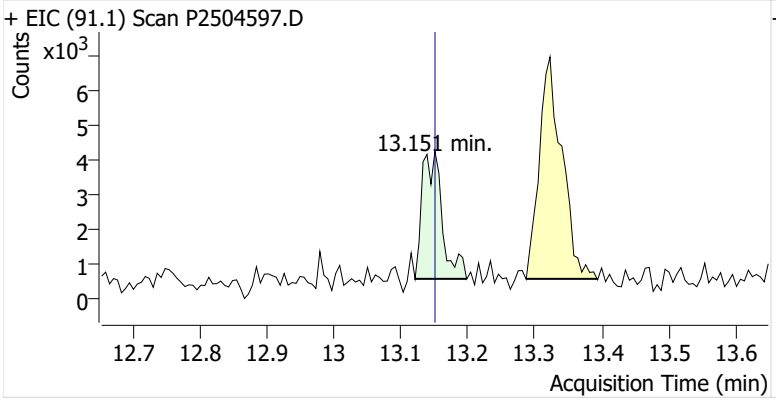


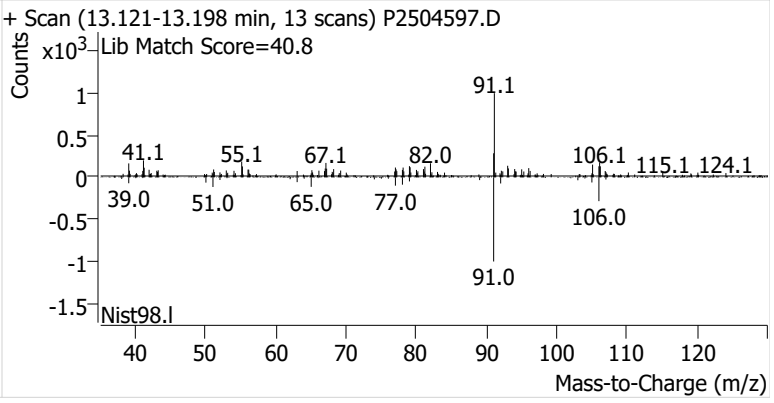
Toluene



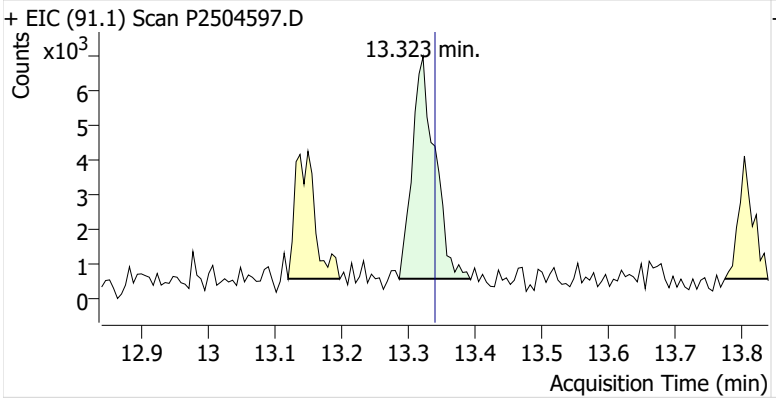


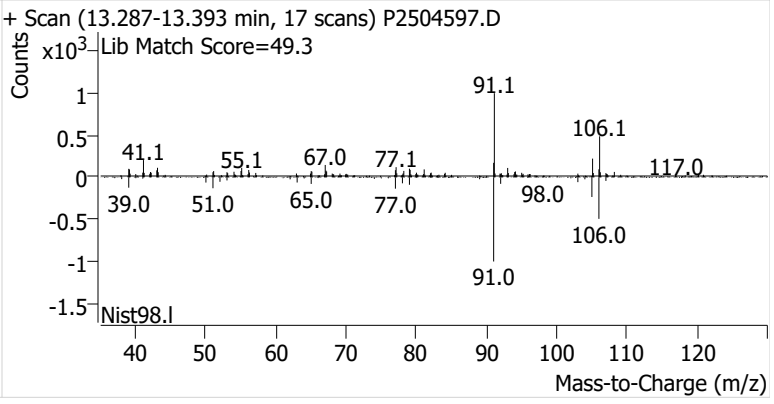
Ethylbenzene



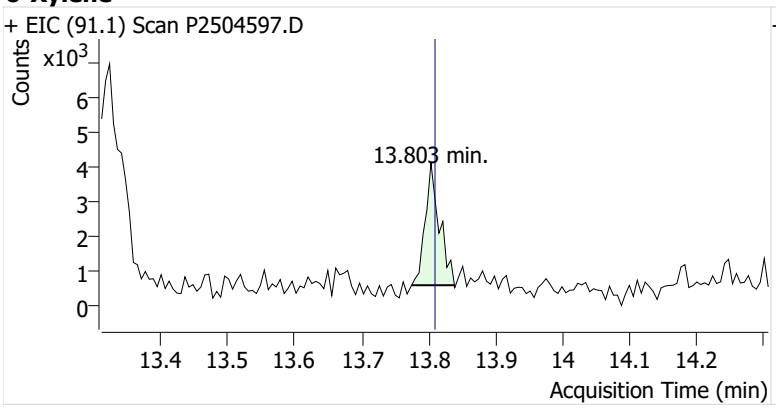


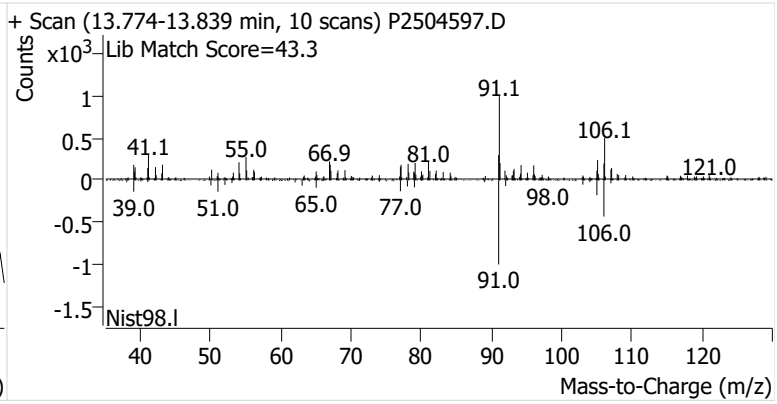
m-/p-Xylenes





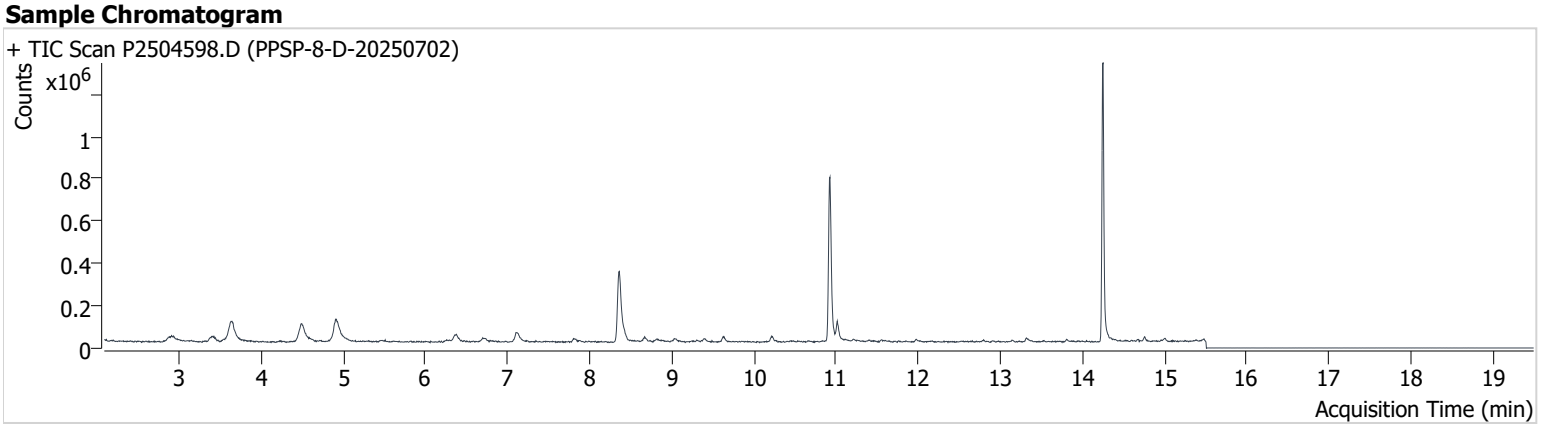
o-Xylene


+ EIC (91.1) Scan P2504597.D
Counts
x10^3
6
5
4
3
2
1
0
13.803 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.774-13.839 min, 10 scans) P2504597.D
Lib Match Score=43.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.0
66.9
81.0
121.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

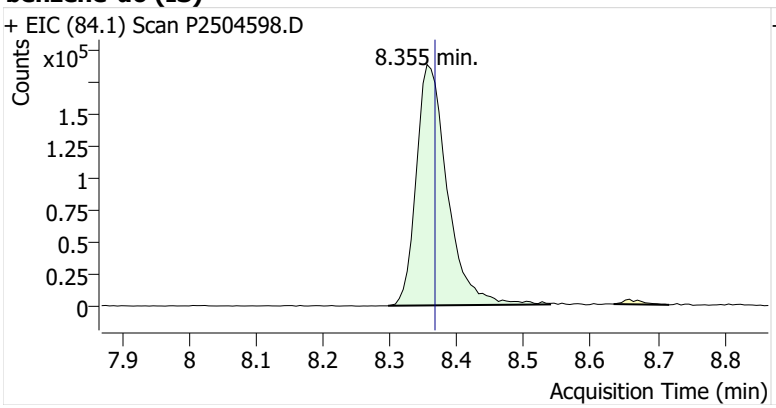
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Comment	B50582
Data File	P2504598.D
Acq. Date-Time	7/21/2025 10:38:36 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

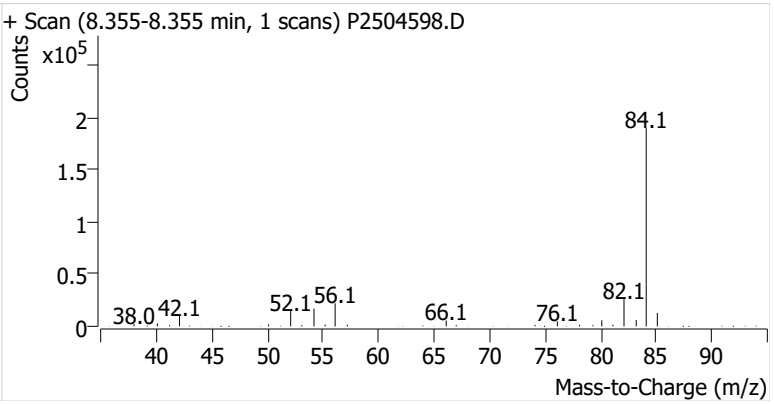
Sample Chromatogram



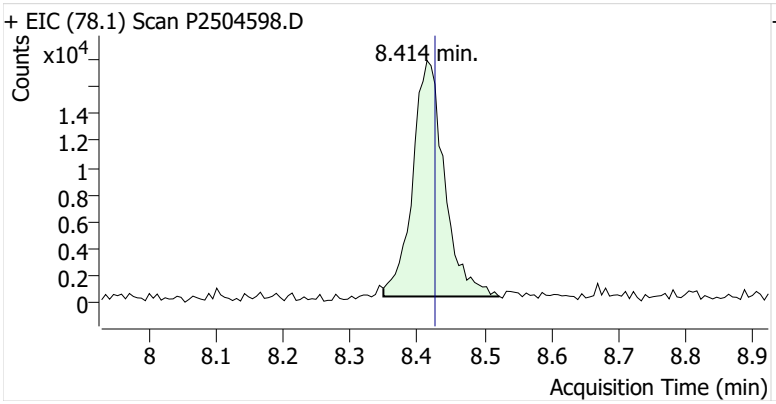
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.355	8.367	611,062	
Benzene	benzene-d6 (IS)	8.414	8.426	57,876	
Toluene-d8 (IS)		10.919	10.931	760,110	
Toluene	Toluene-d8 (IS)	11.014	11.020	77,221	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.151	7,139	
m-/p-Xylenes	Toluene-d8 (IS)	13.317	13.341	15,838	
o-Xylene	Toluene-d8 (IS)	13.809	13.809	5,926	

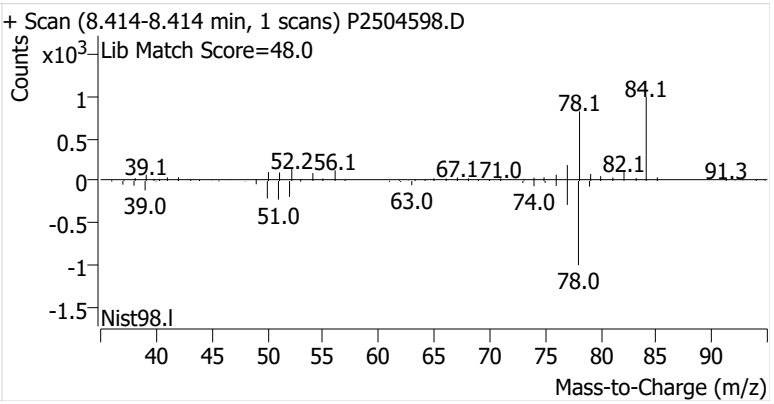
benzene-d6 (IS)



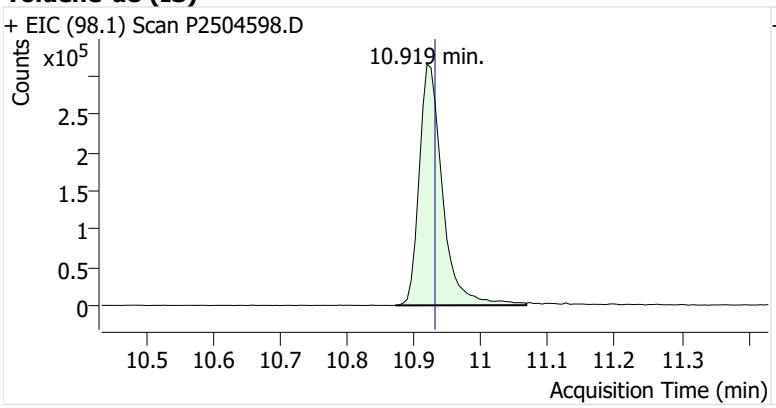


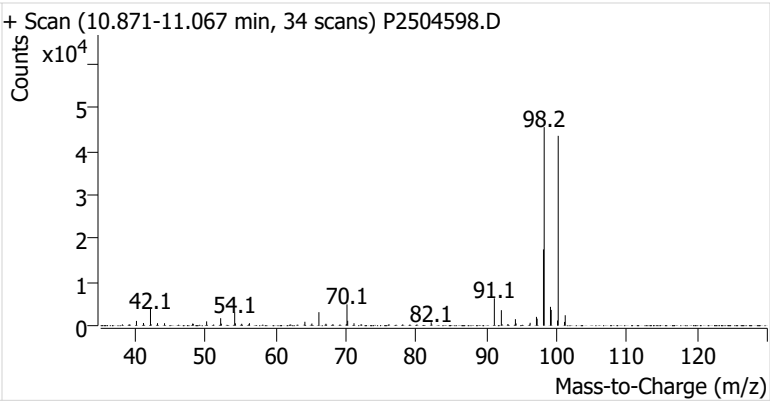
Benzene



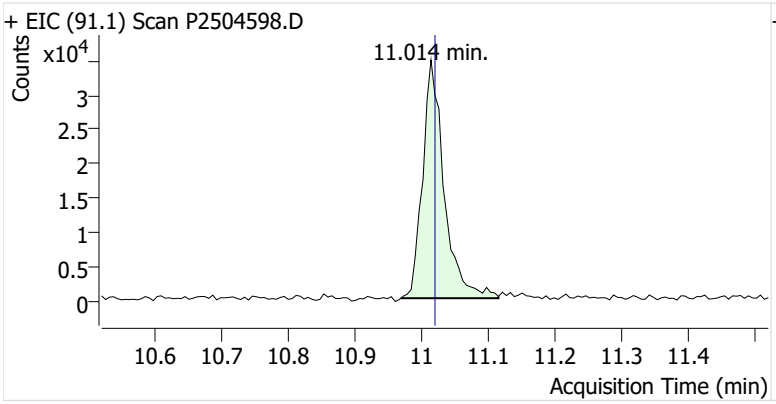


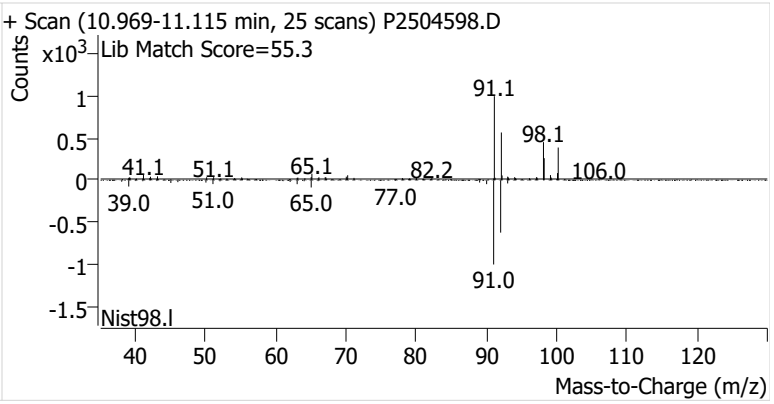
Toluene-d8 (IS)



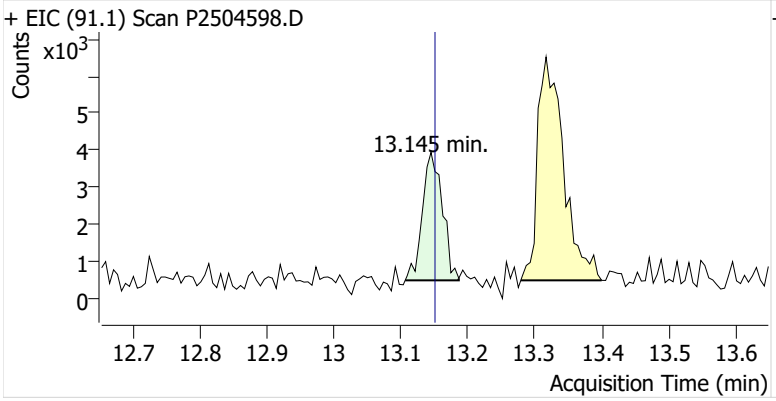


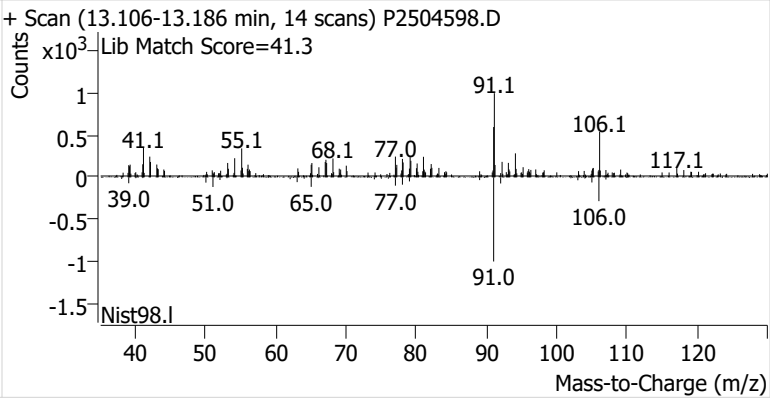
Toluene



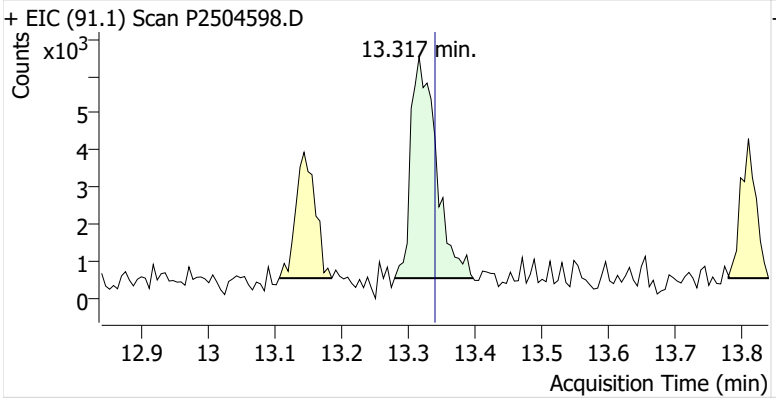


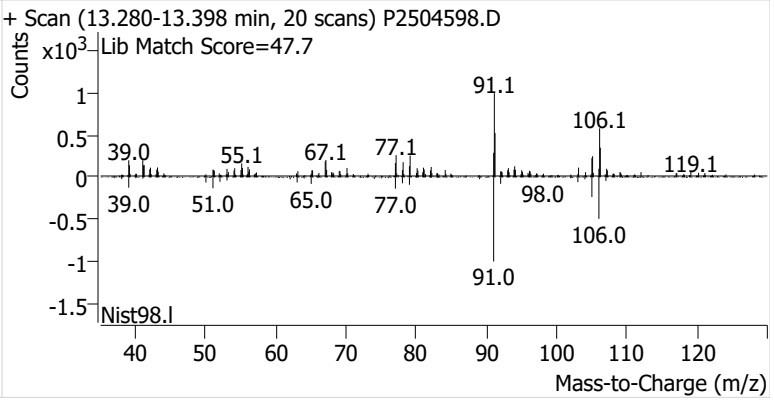
Ethylbenzene



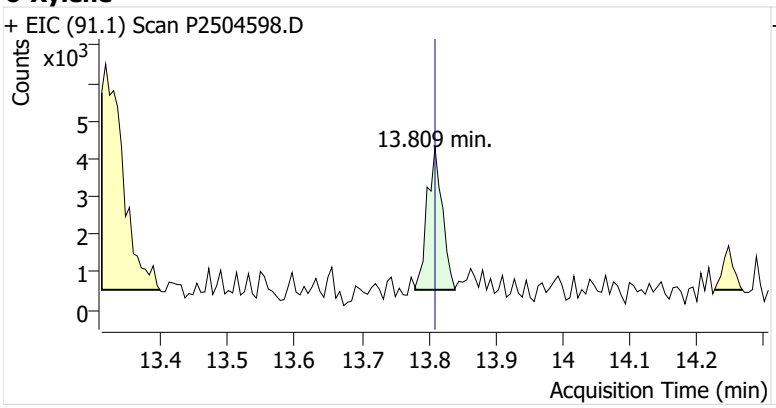


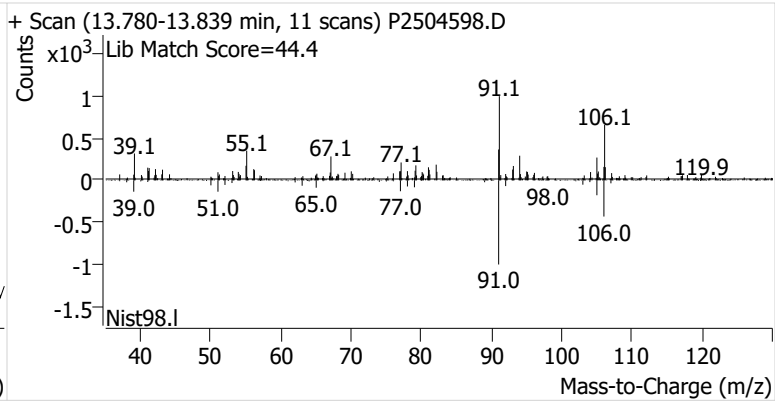
m-/p-Xylenes





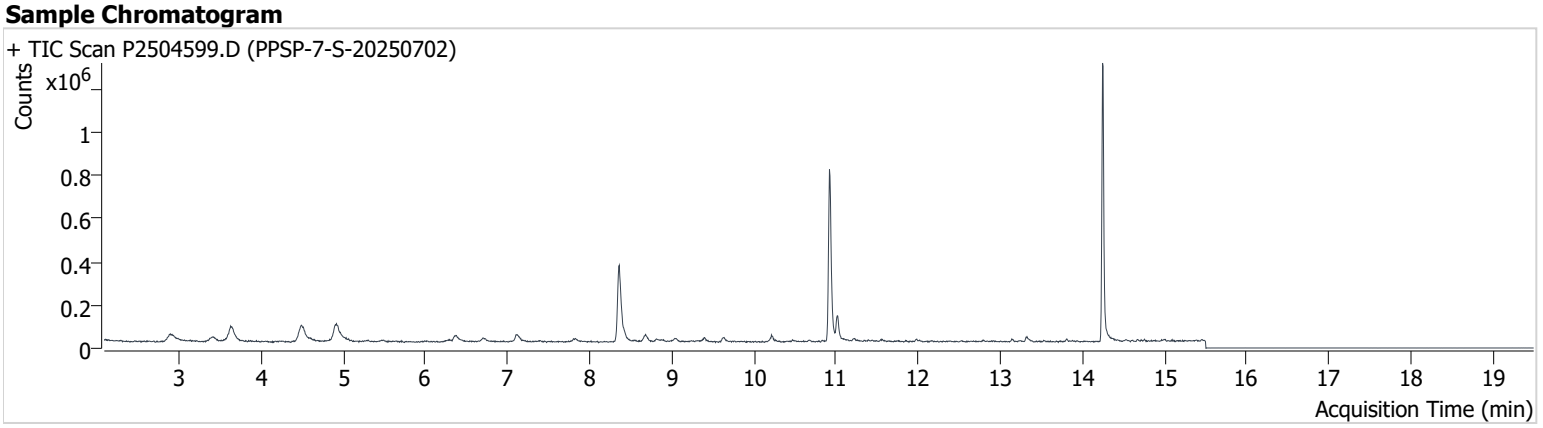
o-Xylene


+ EIC (91.1) Scan P2504598.D
Counts
x10^3
5
4
3
2
1
0
13.809 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.780-13.839 min, 11 scans) P2504598.D
Lib Match Score=44.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
67.1
77.1
119.9
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

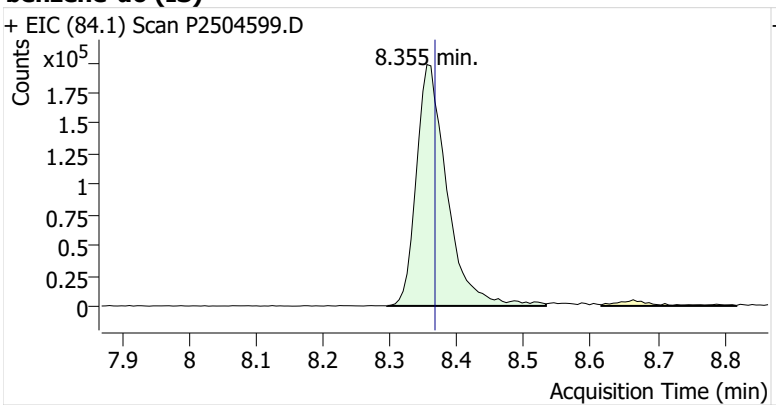
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Comment	C36894
Data File	P2504599.D
Acq. Date-Time	7/21/2025 11:15:51 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

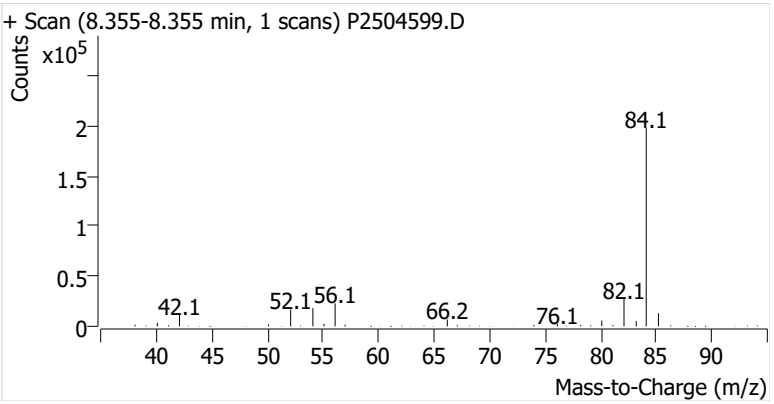
Sample Chromatogram



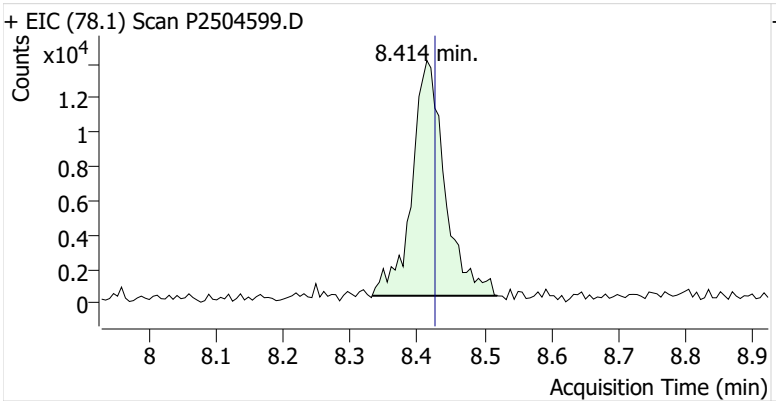
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.355	8.367	630,142	
Benzene	benzene-d6 (IS)	8.414	8.426	47,177	
Toluene-d8 (IS)		10.919	10.931	762,013	
Toluene	Toluene-d8 (IS)	11.014	11.020	105,913	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	9,626	
m-/p-Xylenes	Toluene-d8 (IS)	13.323	13.341	18,455	
o-Xylene	Toluene-d8 (IS)	13.809	13.809	6,680	

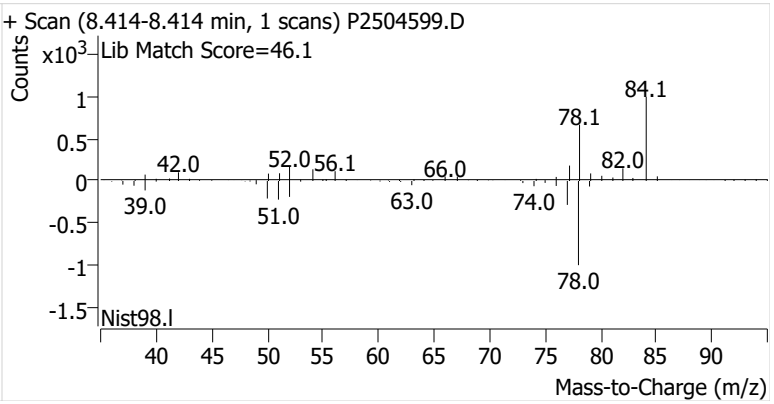
benzene-d6 (IS)



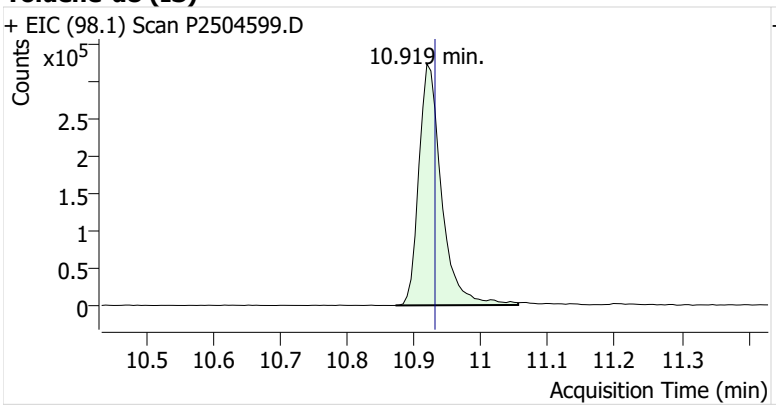


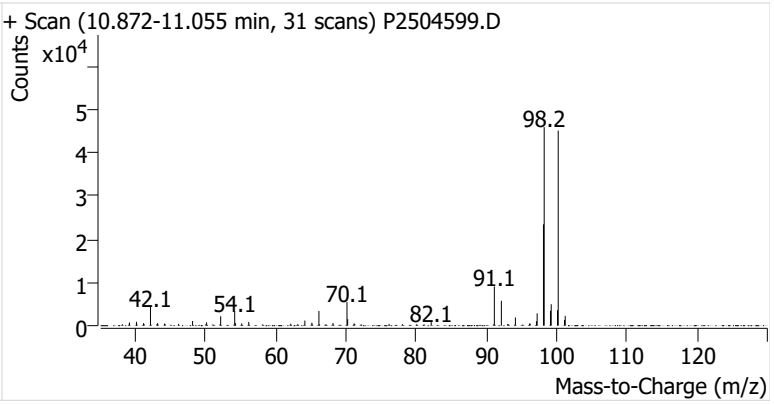
Benzene



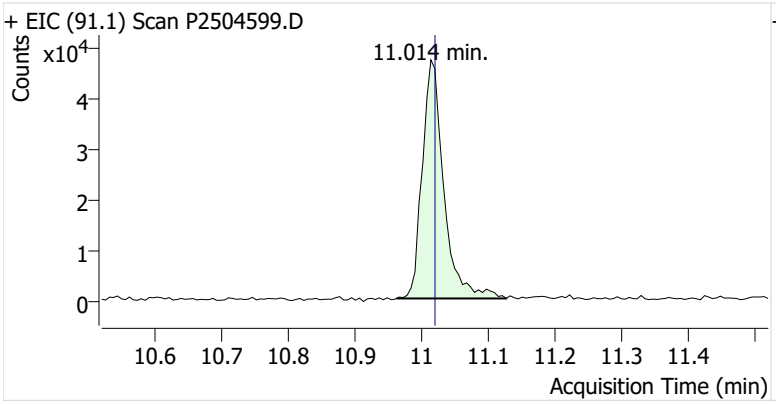


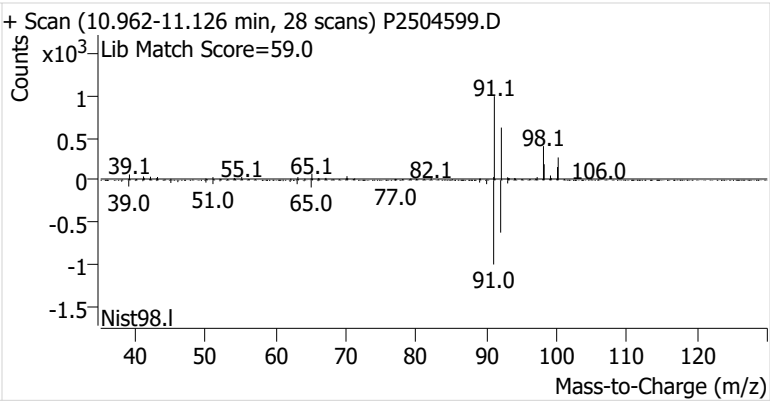
Toluene-d8 (IS)



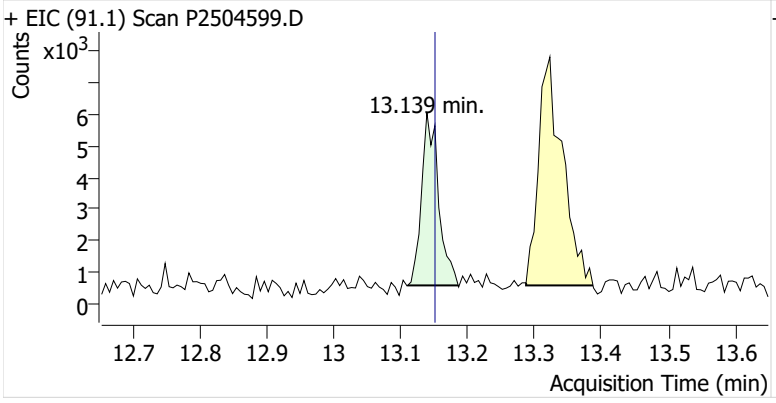


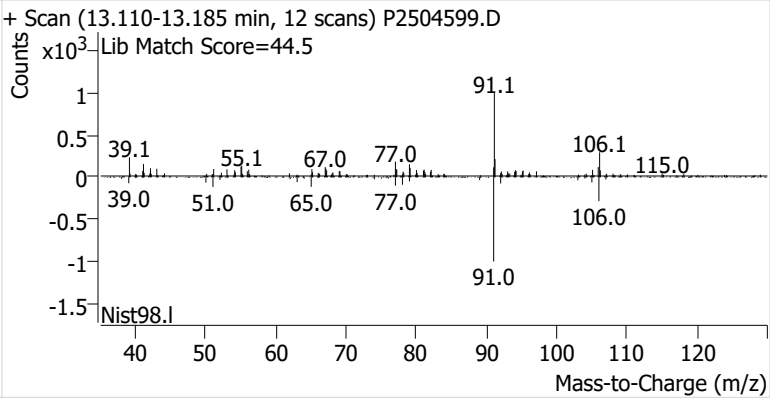
Toluene



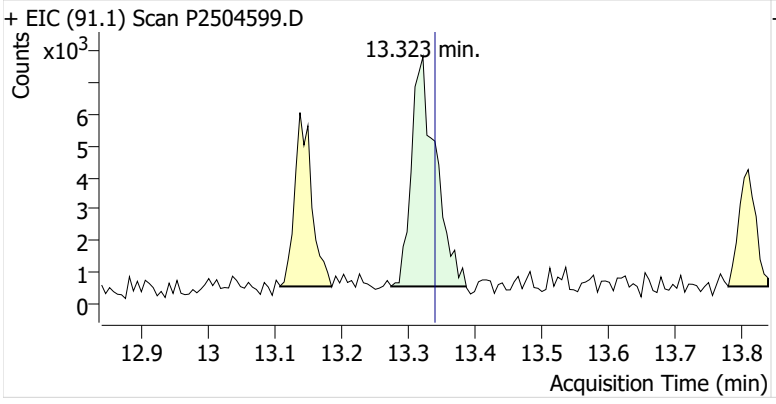


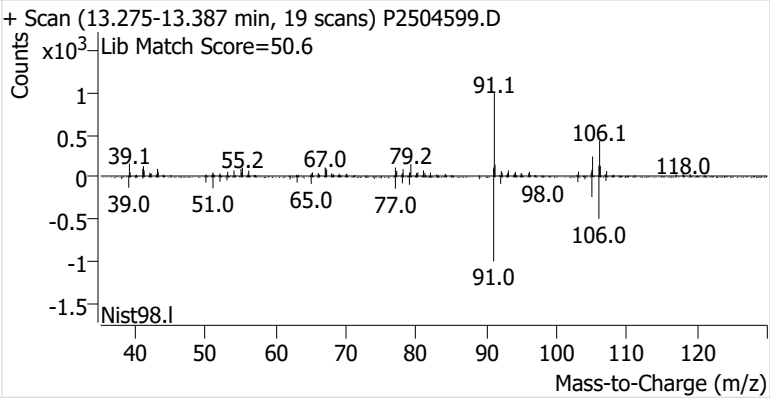
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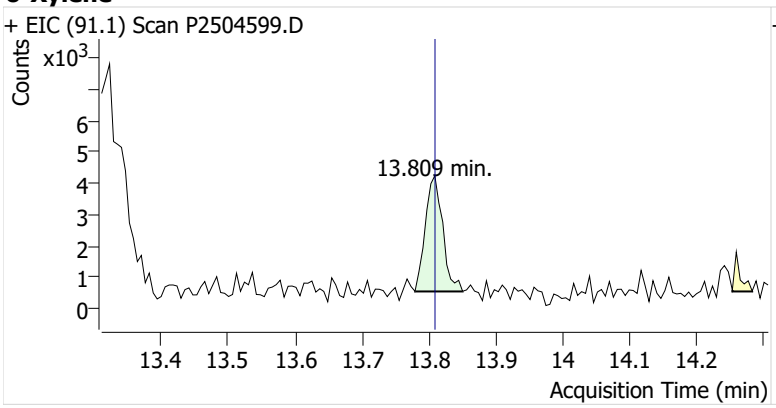


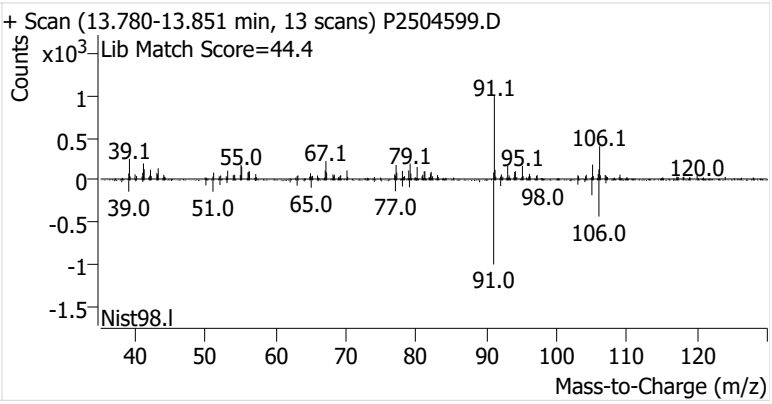
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan P2504599.D
Counts
x10^3
6
5
4
3
2
1
0
13.809 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.780-13.851 min, 13 scans) P2504599.D
Lib Match Score=44.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.0
67.1
79.1
95.1
120.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Initial Calibration

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW302-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679	Benzene	1	P2502258.D	4.96	47440	90.3	798559	1.081	0.21
P041125A_CC252679	Benzene	2	P2502259.D	9.92	81580	90.3	784474	0.946	0.056
P041125A_CC252679	Benzene	3	P2502260.D	19.85	154990	90.3	766291	0.920	0.027
P041125A_CC252679	Benzene	4	P2502261.D	39.70	307006	90.3	776135	0.900	0.0043
P041125A_CC252679	Benzene	5	P2502262.D	99.25	682063	90.3	768529	0.807	-0.099
P041125A_CC252679	Benzene	6	P2502263.D	198.49	1383026	90.3	766391	0.821	-0.084
P041125A_CC252679	Benzene	7	P2502264.D	595.47	3847989	90.3	733331	0.796	-0.11
						Avg:	770530	0.896	
						%RSD:	2.6%	11.2%	
P041125A_CC252679	Toluene	1	P2502258.D	5.37	53462	105.3	981002	1.069	0.21
P041125A_CC252679	Toluene	2	P2502259.D	10.73	93718	105.3	977723	0.940	0.061
P041125A_CC252679	Toluene	3	P2502260.D	21.46	177517	105.3	952641	0.914	0.031
P041125A_CC252679	Toluene	4	P2502261.D	42.92	366700	105.3	958584	0.938	0.058
P041125A_CC252679	Toluene	5	P2502262.D	107.31	751020	105.3	937774	0.786	-0.11
P041125A_CC252679	Toluene	6	P2502263.D	214.62	1544431	105.3	950212	0.797	-0.1
P041125A_CC252679	Toluene	7	P2502264.D	643.86	4297415	105.3	923104	0.761	-0.14
						Avg:	954434	0.887	
						%RSD:	2.2%	12.5%	
P041125A_CC252679	Ethylbenzene	1	P2502258.D	5.16	56966	105.3	981002	1.185	0.15
P041125A_CC252679	Ethylbenzene	2	P2502259.D	10.32	108870	105.3	977723	1.137	0.1
P041125A_CC252679	Ethylbenzene	3	P2502260.D	20.63	213920	105.3	952641	1.146	0.11
P041125A_CC252679	Ethylbenzene	4	P2502261.D	41.26	422263	105.3	958584	1.124	0.088
P041125A_CC252679	Ethylbenzene	5	P2502262.D	103.15	801782	105.3	937774	0.873	-0.16
P041125A_CC252679	Ethylbenzene	6	P2502263.D	206.30	1736097	105.3	950212	0.932	-0.098
P041125A_CC252679	Ethylbenzene	7	P2502264.D	618.90	4543663	105.3	923104	0.837	-0.19
						Avg:	954434	1.034	
						%RSD:	2.2%	14.2%	
P041125A_CC252679	m-/p-Xylenes	1	P2502258.D	4.87	38899	105.3	981002	0.857	0.083
P041125A_CC252679	m-/p-Xylenes	2	P2502259.D	9.74	73807	105.3	977723	0.816	0.03
P041125A_CC252679	m-/p-Xylenes	3	P2502260.D	19.48	153415	105.3	952641	0.870	0.099
P041125A_CC252679	m-/p-Xylenes	4	P2502261.D	38.97	310930	105.3	958584	0.876	0.11
P041125A_CC252679	m-/p-Xylenes	5	P2502262.D	97.42	591523	105.3	937774	0.682	-0.14
P041125A_CC252679	m-/p-Xylenes	6	P2502263.D	194.84	1339681	105.3	950212	0.762	-0.038
P041125A_CC252679	m-/p-Xylenes	7	P2502264.D	584.52	3480142	105.3	923104	0.679	-0.14
						Avg:	954434	0.792	
						%RSD:	2.2%	10.8%	
P041125A_CC252679	o-Xylene	1	P2502258.D	5.08	44039	105.3	981002	0.930	0.12
P041125A_CC252679	o-Xylene	2	P2502259.D	10.16	84765	105.3	977723	0.898	0.078
P041125A_CC252679	o-Xylene	3	P2502260.D	20.32	174712	105.3	952641	0.950	0.14

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW302-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679	o-Xylene	4	P2502261.D	40.64	330869	105.3	958584	0.894	0.073
P041125A_CC252679	o-Xylene	5	P2502262.D	101.61	648711	105.3	937774	0.717	-0.14
P041125A_CC252679	o-Xylene	6	P2502263.D	203.21	1413541	105.3	950212	0.771	-0.075
P041125A_CC252679	o-Xylene	7	P2502264.D	609.64	3599376	105.3	923104	0.673	-0.19
						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	Benzene	ICV	P2502265.D	64.22	465786	90.3	753743	0.869	-3.0%
P041125A_CC252679	Toluene	ICV	P2502265.D	76.59	610878	105.3	957560	0.877	-1.1%
P041125A_CC252679	Ethylbenzene	ICV	P2502265.D	86.22	753297	105.3	957560	0.961	-7.1%
P041125A_CC252679	m-/p-Xylenes	ICV	P2502265.D	89.75	613496	105.3	957560	0.752	-5.1%
P041125A_CC252679	o-Xylene	ICV	P2502265.D	88.34	625434	105.3	957560	0.778	-6.6%

M325B PDF Report ver.20250630

Sample Custody

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

ENTHALPY ANALYTICAL 2025FW302

Page # 1 of # 2

☑ Standard Turn Around Time (7 business days)

☐ Rush Turn Around Time

• All TATs Subject to Approval by Enthalpy Analytical, LLC

• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	Client Name:	Portland Pipe Line	PO#:	
Site Address:		Project Number:		Sample Event #	
City:		Project Manager:	Tom Rolfson	Sorbent:	
State		Email Address:	tom.rolfson@powererg.com		
Zip:		Telephone #:			

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)
6	B38395	sample	7/2/25	10:20 AM	7/16/25	10:42 AM	JB / JB		
5	B48568	sample	7/2/25	10:26 AM	7/16/25	10:47 AM	JB / JB		
4	C16157	sample	7/2/25	10:32 AM	7/16/25	10:51 AM	JB / JB		
3	C01977	sample	7/2/25	10:37 AM	7/16/25	10:56 AM	JB / JB		
2	B16347	sample	7/2/25	10:42 AM	7/16/25	11:01 AM	JB / JB		
1	C43890	sample	7/2/25	10:46 AM	7/16/25	11:05 AM	JB / JB		
1	C40100	blank	7/2/25	10:46 AM	7/16/25	11:05 AM	JB / JB		
13	C39020	sample	7/2/25	10:51 AM	7/16/25	11:10 AM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	7/16/2025	
Recieved By (printed):	Recieved By (signature):	Receipt Date:	Receipt Time:
David Taylor		7/17/25	10:45
Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good	BTEX	Y	
Ice Temp: / Blank Temp: 13.1 / Fluke4		Add Custody Seal # below: 24A1142	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

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

ENTHALPY ANALYTICAL 2025FW302 Page # 2 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	Client Name:	Portland Pipe Line	PO#:	
Site Address:		Project Number:		Sample Event #:	
City:		Project Manager:	Tom Rolfson	Sorbent:	
State		Email Address:	tom.rolfson@powererg.com		
Zip:		Telephone #:			

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)
12	C55340	sample	7/2/25	10:58 AM	7/16/25	11:17 AM	JB / JB		
11	C39218	sample	7/2/25	11:03 AM	7/16/25	11:22 AM	JB / JB		
10	C38896	sample	7/2/25	11:08 AM	7/16/25	11:27 AM	JB / JB		
9	B35588	sample	7/2/25	11:12 AM	7/16/25	11:31 AM	JB / JB		
8	C38590	sample	7/2/25	11:19 AM	7/16/25	11:36 AM	JB / JB		
8	B50582	duplicate	7/2/25	11:19 AM	7/16/25	11:36 AM	JB / JB		
7	C36894	sample	7/2/25	11:22 AM	7/16/25	11:40 AM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	7/16/2025	
Recieved By (printed):	Recieved By (signature):	Receipt Date:	Receipt Time:
David Taylor		7/17/25	10:45
Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good	BTEX	Y	
Ice Temp: / Blank Temp: 13.7 / FV/LC4		Add Custody Seal # below: 24M1421	

Comments: Please pull the ambient temp from the KPWM NOAA station. Thank you

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This Is The Last Page Of This Report.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 8/1/2025

Analytical Report
2025FW303

EPA Method 325B Analysis

Report Issue Date: 8/11/2025

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

ENTHALPY ANALYTICAL

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

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW303-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Enthalpy Analytical on August 1, 2025 at 22.5 °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
PPSP-6-S-20250716	C56958	Sample
PPSP-5-S-20250716	C43709	Sample
PPSP-4-S-20250716	B17518	Sample
PPSP-3-S-20250716	C35759	Sample
PPSP-2-S-20250716	B14990	Sample
PPSP-1-S-20250716	C53574	Sample
PPSP-1-B-20250716	C34276	Blank
PPSP-13-S-20250716	B14933	Sample
PPSP-12-S-20250716	B15112	Sample
PPSP-11-S-20250716	B47140	Sample
PPSP-10-S-20250716	C36875	Sample
PPSP-9-S-20250716	B37594	Sample
PPSP-8-S-20250716	B15197	Sample
PPSP-8-D-20250716	C59955	Duplicate
PPSP-7-S-20250716	B48129	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.

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (P041125A_CC252679_R1) 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.

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW303-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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 PPSP-8-S-20250716 (tube ID B15197) and its corresponding duplicate PPSP-8-D-20250716 (tube ID C59955) failed to meet the 30% difference criterion for Toluene as specified by the method. All samples in the data set have been flagged “P” for Toluene 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: Power Engineers, Inc.
Job No.: 2025FW303-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250716	C56958	0.812		1.84	P		ND	0.648		0.288	J
PPSP-5-S-20250716	C43709	0.711		1.50	P		ND	0.589			ND
PPSP-4-S-20250716	B17518	0.732		1.38	P		ND	0.456	J		ND
PPSP-3-S-20250716	C35759	0.722		2.20	P		ND	0.432	J		ND
PPSP-2-S-20250716	B14990	1.21		1.42	P		ND	0.424	J		ND
PPSP-1-S-20250716	C53574	1.63		1.95	P		ND	0.511	J		ND
PPSP-1-B-20250716	C34276		ND		ND,P		ND		ND		ND
PPSP-13-S-20250716	B14933	1.00		2.73	P		ND	0.346	J		ND
PPSP-12-S-20250716	B15112	1.33		1.45	P		ND	0.384	J		ND
PPSP-11-S-20250716	B47140	1.84		1.98	P		ND	0.327	J		ND
PPSP-10-S-20250716	C36875	2.14		2.55	P	0.290	J	0.754		0.306	J
PPSP-9-S-20250716	B37594	1.94		1.78	P		ND	0.592			ND
PPSP-8-S-20250716	B15197	1.07		1.50	P		ND	0.482	J		ND
PPSP-8-D-20250716	C59955	1.06		2.35	P		ND	0.654		0.285	J
PPSP-7-S-20250716	B48129	0.979		1.78	P		ND	0.514	J		ND

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

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW303-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250716	C56958	0.812	0.254	10.9	71.6	0.667	20189	0.186	0.369	0.0582	0.115		P2504893.D	2025-08-02 14:33	0.760	8.391	74582	810612	90.3	8.337	0.4%
PPSP-5-S-20250716	C43709	0.711	0.223	9.58	71.6	0.667	20188	0.186	0.369	0.0582	0.115		P2504894.D	2025-08-02 15:10	0.760	8.391	64529	800847	90.3	8.337	-0.8%
PPSP-4-S-20250716	B17518	0.732	0.229	9.86	71.6	0.667	20189	0.186	0.369	0.0582	0.115		P2504895.D	2025-08-02 15:47	0.760	8.391	67027	808106	90.3	8.337	0.1%
PPSP-3-S-20250716	C35759	0.722	0.226	9.72	71.6	0.667	20188	0.186	0.369	0.0582	0.115		P2504896.D	2025-08-02 16:24	0.760	8.397	65147	796634	90.3	8.343	-1.3%
PPSP-2-S-20250716	B14990	1.21	0.377	16.2	71.6	0.667	20188	0.186	0.369	0.0582	0.115		P2504897.D	2025-08-02 17:02	0.760	8.391	111786	819025	90.3	8.337	1.5%
PPSP-1-S-20250716	C53574	1.63	0.511	22.0	71.6	0.667	20188	0.186	0.369	0.0582	0.115		P2504898.D	2025-08-02 17:39	0.760	8.396	146541	792525	90.3	8.343	-1.8%
PPSP-1-B-20250716	C34276				71.6	0.667	20188	0.186	0.369	0.0582	0.115	ND	P2504892.D	2025-08-02 13:55	0.760	8.337	7082	815116	90.3	8.337	1.0%
PPSP-13-S-20250716	B14933	1.00	0.314	13.5	71.6	0.667	20188	0.186	0.369	0.0582	0.115		P2504899.D	2025-08-02 18:17	0.760	8.397	92558	815816	90.3	8.343	1.1%
PPSP-12-S-20250716	B15112	1.33	0.417	17.9	71.6	0.667	20189	0.186	0.369	0.0582	0.115		P2504900.D	2025-08-02 18:54	0.760	8.391	123661	819661	90.3	8.337	1.6%
PPSP-11-S-20250716	B47140	1.84	0.577	24.8	71.6	0.667	20191	0.186	0.369	0.0582	0.115		P2504901.D	2025-08-02 19:31	0.760	8.402	168303	807181	90.3	8.343	0.0%
PPSP-10-S-20250716	C36875	2.14	0.669	28.7	71.6	0.667	20191	0.186	0.369	0.0582	0.115		P2504903.D	2025-08-02 20:46	0.760	8.397	189834	784712	90.3	8.337	-2.8%
PPSP-9-S-20250716	B37594	1.94	0.607	26.1	71.6	0.667	20191	0.186	0.369	0.0582	0.115		P2504904.D	2025-08-02 21:23	0.760	8.396	181946	828577	90.3	8.343	2.7%
PPSP-8-S-20250716	B15197	1.07	0.335	14.4	71.6	0.667	20192	0.186	0.369	0.0582	0.115		P2504905.D	2025-08-02 22:00	0.760	8.396	96789	798806	90.3	8.337	-1.0%
PPSP-8-D-20250716	C59955	1.06	0.334	14.3	71.6	0.667	20192	0.186	0.369	0.0582	0.115		P2504906.D	2025-08-02 22:38	0.760	8.391	94964	787272	90.3	8.337	-2.5%
PPSP-7-S-20250716	B48129	0.979	0.307	13.2	71.6	0.667	20192	0.186	0.369	0.0582	0.115		P2504907.D	2025-08-02 23:15	0.760	8.396	88253	795639	90.3	8.337	-1.4%

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
PPSP-6-S-20250716	C56958	1.84	0.488	19.2	71.6	0.517	20189	0.239	0.514	0.0635	0.136	P	P2504893.D	2025-08-02 14:33	0.744	10.990	134864	994488	105.3	10.901	1.1%
PPSP-5-S-20250716	C43709	1.50	0.397	15.6	71.6	0.517	20188	0.239	0.514	0.0636	0.136	P	P2504894.D	2025-08-02 15:10	0.744	10.996	108557	982635	105.3	10.901	-0.1%
PPSP-4-S-20250716	B17518	1.38	0.367	14.4	71.6	0.517	20189	0.239	0.514	0.0635	0.136	P	P2504895.D	2025-08-02 15:47	0.744	10.990	100106	981049	105.3	10.901	-0.2%
PPSP-3-S-20250716	C35759	2.20	0.585	23.0	71.6	0.517	20188	0.239	0.514	0.0636	0.136	P	P2504896.D	2025-08-02 16:24	0.744	10.990	160706	987508	105.3	10.901	0.4%
PPSP-2-S-20250716	B14990	1.42	0.378	14.9	71.6	0.517	20188	0.239	0.514	0.0636	0.136	P	P2504897.D	2025-08-02 17:02	0.744	10.996	106106	1009147	105.3	10.901	2.6%
PPSP-1-S-20250716	C53574	1.95	0.517	20.3	71.6	0.517	20188	0.239	0.514	0.0636	0.136	P	P2504898.D	2025-08-02 17:39	0.744	10.996	140984	980830	105.3	10.901	-0.3%
PPSP-1-B-20250716	C34276				71.6	0.517	20188	0.239	0.514	0.0636	0.136	ND,P	P2504892.D	2025-08-02 13:55	0.744	10.996	5686	965814	105.3	10.901	-1.8%
PPSP-13-S-20250716	B14933	2.73	0.726	28.6	71.6	0.517	20188	0.239	0.514	0.0636	0.136	P	P2504899.D	2025-08-02 18:17	0.744	10.996	202667	1003767	105.3	10.901	2.1%
PPSP-12-S-20250716	B15112	1.45	0.384	15.1	71.6	0.517	20189	0.239	0.514	0.0635	0.136	P	P2504900.D	2025-08-02 18:54	0.744	10.996	105831	991451	105.3	10.901	0.8%
PPSP-11-S-20250716	B47140	1.98	0.527	20.7	71.6	0.517	20191	0.239	0.514	0.0635	0.136	P	P2504901.D	2025-08-02 19:31	0.744	10.996	145059	989420	105.3	10.901	0.6%
PPSP-10-S-20250716	C36875	2.55	0.677	26.6	71.6	0.517	20191	0.239	0.514	0.0635	0.136	P	P2504903.D	2025-08-02 20:46	0.744	11.002	185390	984568	105.3	10.901	0.1%
PPSP-9-S-20250716	B37594	1.78	0.472	18.6	71.6	0.517	20191	0.239	0.514	0.0635	0.136	P	P2504904.D	2025-08-02 21:23	0.744	10.996	131313	999610	105.3	10.901	1.6%
PPSP-8-S-20250716	B15197	1.50	0.398	15.6	71.6	0.517	20192	0.239	0.514	0.0635	0.136	P	P2504905.D	2025-08-02 22:00	0.744	10.996	110276	997259	105.3	10.901	1.4%
PPSP-8-D-20250716	C59955	2.35	0.623	24.5	71.6	0.517	20192	0.239	0.514	0.0635	0.136	P	P2504906.D	2025-08-02 22:38	0.744	10.996	170338	982804	105.3	10.901	-0.1%
PPSP-7-S-20250716	B48129	1.78	0.471	18.5	71.6	0.517	20192	0.239	0.514	0.0635	0.136	P	P2504907.D	2025-08-02 23:15	0.744	10.996	126023	960981	105.3	10.901	-2.3%

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
PPSP-6-S-20250716	C56958				71.6	0.458	20189	0.271	0.558	0.0623	0.129	ND	P2504893.D	2025-08-02 14:33	0.859	13.127	18754	994488	105.3	10.901	1.1%
PPSP-5-S-20250716	C43709				71.6	0.458	20188	0.271	0.558	0.0624	0.129	ND	P2504894.D	2025-08-02 15:10	0.859	13.127	14671	982635	105.3	10.901	-0.1%
PPSP-4-S-20250716	B17518				71.6	0.458	20189	0.271	0.558	0.0623	0.129	ND	P2504895.D	2025-08-02 15:47	0.859	13.121	15885	981049	105.3	10.901	-0.2%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW303-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20250716	C35759				71.6	0.458	20188	0.271	0.558	0.0624	0.129	ND	P2504896.D	2025-08-02 16:24	0.859	13.127	13243	987508	105.3	10.901	0.4%
PPSP-2-S-20250716	B14990				71.6	0.458	20188	0.271	0.558	0.0624	0.129	ND	P2504897.D	2025-08-02 17:02	0.859	13.121	13593	1009147	105.3	10.901	2.6%
PPSP-1-S-20250716	C53574				71.6	0.458	20188	0.271	0.558	0.0624	0.129	ND	P2504898.D	2025-08-02 17:39	0.859	13.127	11578	980830	105.3	10.901	-0.3%
PPSP-1-B-20250716	C34276				71.6	0.458	20188	0.271	0.558	0.0624	0.129	ND	P2504892.D	2025-08-02 13:55	0.859	13.121	1420	965814	105.3	10.901	-1.8%
PPSP-13-S-20250716	B14933				71.6	0.458	20188	0.271	0.558	0.0624	0.129	ND	P2504899.D	2025-08-02 18:17	0.859	13.127	11992	1003767	105.3	10.901	2.1%
PPSP-12-S-20250716	B15112				71.6	0.458	20189	0.271	0.558	0.0623	0.129	ND	P2504900.D	2025-08-02 18:54	0.859	13.127	14217	991451	105.3	10.901	0.8%
PPSP-11-S-20250716	B47140				71.6	0.458	20191	0.271	0.558	0.0623	0.129	ND	P2504901.D	2025-08-02 19:31	0.859	13.127	10547	989420	105.3	10.901	0.6%
PPSP-10-S-20250716	C36875	0.290	0.0668	2.68	71.6	0.458	20191	0.271	0.558	0.0623	0.129	J	P2504903.D	2025-08-02 20:46	0.859	13.127	21545	984568	105.3	10.901	0.1%
PPSP-9-S-20250716	B37594				71.6	0.458	20191	0.271	0.558	0.0623	0.129	ND	P2504904.D	2025-08-02 21:23	0.859	13.127	19969	999610	105.3	10.901	1.6%
PPSP-8-S-20250716	B15197				71.6	0.458	20192	0.271	0.558	0.0623	0.129	ND	P2504905.D	2025-08-02 22:00	0.859	13.121	16585	997259	105.3	10.901	1.4%
PPSP-8-D-20250716	C59955				71.6	0.458	20192	0.271	0.558	0.0623	0.129	ND	P2504906.D	2025-08-02 22:38	0.859	13.127	15128	982804	105.3	10.901	-0.1%
PPSP-7-S-20250716	B48129				71.6	0.458	20192	0.271	0.558	0.0623	0.129	ND	P2504907.D	2025-08-02 23:15	0.859	13.121	13561	960981	105.3	10.901	-2.3%

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
PPSP-6-S-20250716	C56958	0.648	0.149	5.99	71.6	0.458	20189	0.271	0.527	0.0623	0.121		P2504893.D	2025-08-02 14:33	0.724	13.305	40921	994488	105.3	10.901	1.1%
PPSP-5-S-20250716	C43709	0.589	0.136	5.44	71.6	0.458	20188	0.271	0.527	0.0624	0.121		P2504894.D	2025-08-02 15:10	0.724	13.305	36767	982635	105.3	10.901	-0.1%
PPSP-4-S-20250716	B17518	0.456	0.105	4.22	71.6	0.458	20189	0.271	0.527	0.0623	0.121	J	P2504895.D	2025-08-02 15:47	0.724	13.293	28423	981049	105.3	10.901	-0.2%
PPSP-3-S-20250716	C35759	0.432	0.0995	3.99	71.6	0.458	20188	0.271	0.527	0.0624	0.121	J	P2504896.D	2025-08-02 16:24	0.724	13.305	27067	987508	105.3	10.901	0.4%
PPSP-2-S-20250716	B14990	0.424	0.0977	3.92	71.6	0.458	20188	0.271	0.527	0.0624	0.121	J	P2504897.D	2025-08-02 17:02	0.724	13.305	27158	1009147	105.3	10.901	2.6%
PPSP-1-S-20250716	C53574	0.511	0.118	4.73	71.6	0.458	20188	0.271	0.527	0.0624	0.121	J	P2504898.D	2025-08-02 17:39	0.724	13.299	31858	980830	105.3	10.901	-0.3%
PPSP-1-B-20250716	C34276				71.6	0.458	20188	0.271	0.527	0.0624	0.121	ND	P2504892.D	2025-08-02 13:55	0.724	13.293	801	965814	105.3	10.901	-1.8%
PPSP-13-S-20250716	B14933	0.346	0.0798	3.20	71.6	0.458	20188	0.271	0.527	0.0624	0.121	J	P2504899.D	2025-08-02 18:17	0.724	13.305	22078	1003767	105.3	10.901	2.1%
PPSP-12-S-20250716	B15112	0.384	0.0885	3.55	71.6	0.458	20189	0.271	0.527	0.0623	0.121	J	P2504900.D	2025-08-02 18:54	0.724	13.305	24181	991451	105.3	10.901	0.8%
PPSP-11-S-20250716	B47140	0.327	0.0755	3.03	71.6	0.458	20191	0.271	0.527	0.0623	0.121	J	P2504901.D	2025-08-02 19:31	0.724	13.299	20576	989420	105.3	10.901	0.6%
PPSP-10-S-20250716	C36875	0.754	0.174	6.97	71.6	0.458	20191	0.271	0.527	0.0623	0.121		P2504903.D	2025-08-02 20:46	0.724	13.305	47163	984568	105.3	10.901	0.1%
PPSP-9-S-20250716	B37594	0.592	0.136	5.47	71.6	0.458	20191	0.271	0.527	0.0623	0.121		P2504904.D	2025-08-02 21:23	0.724	13.299	37563	999610	105.3	10.901	1.6%
PPSP-8-S-20250716	B15197	0.482	0.111	4.46	71.6	0.458	20192	0.271	0.527	0.0623	0.121	J	P2504905.D	2025-08-02 22:00	0.724	13.299	30536	997259	105.3	10.901	1.4%
PPSP-8-D-20250716	C59955	0.654	0.151	6.05	71.6	0.458	20192	0.271	0.527	0.0623	0.121		P2504906.D	2025-08-02 22:38	0.724	13.305	40842	982804	105.3	10.901	-0.1%
PPSP-7-S-20250716	B48129	0.514	0.118	4.75	71.6	0.458	20192	0.271	0.527	0.0623	0.121	J	P2504907.D	2025-08-02 23:15	0.724	13.305	31375	960981	105.3	10.901	-2.3%

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
PPSP-6-S-20250716	C56958	0.288	0.0664	2.66	71.6	0.458	20189	0.271	0.550	0.0623	0.127	J	P2504893.D	2025-08-02 14:33	0.688	13.792	17299	994488	105.3	10.901	1.1%
PPSP-5-S-20250716	C43709				71.6	0.458	20188	0.271	0.550	0.0624	0.127	ND	P2504894.D	2025-08-02 15:10	0.688	13.786	11893	982635	105.3	10.901	-0.1%
PPSP-4-S-20250716	B17518				71.6	0.458	20189	0.271	0.550	0.0623	0.127	ND	P2504895.D	2025-08-02 15:47	0.688	13.786	11398	981049	105.3	10.901	-0.2%
PPSP-3-S-20250716	C35759				71.6	0.458	20188	0.271	0.550	0.0624	0.127	ND	P2504896.D	2025-08-02 16:24	0.688	13.792	7599	987508	105.3	10.901	0.4%
PPSP-2-S-20250716	B14990				71.6	0.458	20188	0.271	0.550	0.0624	0.127	ND	P2504897.D	2025-08-02 17:02	0.688	13.792	9137	1009147	105.3	10.901	2.6%
PPSP-1-S-20250716	C53574				71.6	0.458	20188	0.271	0.550	0.0624	0.127	ND	P2504898.D	2025-08-02 17:39	0.688	13.791	12379	980830	105.3	10.901	-0.3%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW303-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20250716	C34276				71.6	0.458	20188	0.271	0.550	0.0624	0.127	ND	P2504892.D	2025-08-02 13:55	0.688	14.231	0	965814	105.3	10.901	-1.8%
PPSP-13-S-20250716	B14933				71.6	0.458	20188	0.271	0.550	0.0624	0.127	ND	P2504899.D	2025-08-02 18:17	0.688	13.786	9232	1003767	105.3	10.901	2.1%
PPSP-12-S-20250716	B15112				71.6	0.458	20189	0.271	0.550	0.0623	0.127	ND	P2504900.D	2025-08-02 18:54	0.688	13.792	10384	991451	105.3	10.901	0.8%
PPSP-11-S-20250716	B47140				71.6	0.458	20191	0.271	0.550	0.0623	0.127	ND	P2504901.D	2025-08-02 19:31	0.688	13.798	9093	989420	105.3	10.901	0.6%
PPSP-10-S-20250716	C36875	0.306	0.0705	2.83	71.6	0.458	20191	0.271	0.550	0.0623	0.127	J	P2504903.D	2025-08-02 20:46	0.688	13.792	18190	984568	105.3	10.901	0.1%
PPSP-9-S-20250716	B37594				71.6	0.458	20191	0.271	0.550	0.0623	0.127	ND	P2504904.D	2025-08-02 21:23	0.688	13.792	13860	999610	105.3	10.901	1.6%
PPSP-8-S-20250716	B15197				71.6	0.458	20192	0.271	0.550	0.0623	0.127	ND	P2504905.D	2025-08-02 22:00	0.688	13.786	14367	997259	105.3	10.901	1.4%
PPSP-8-D-20250716	C59955	0.285	0.0658	2.64	71.6	0.458	20192	0.271	0.550	0.0623	0.127	J	P2504906.D	2025-08-02 22:38	0.688	13.786	16944	982804	105.3	10.901	-0.1%
PPSP-7-S-20250716	B48129				71.6	0.458	20192	0.271	0.550	0.0623	0.127	ND	P2504907.D	2025-08-02 23:15	0.688	13.792	12891	960981	105.3	10.901	-2.3%

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

QC Data

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW303-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250716	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250716	0.45%	Pass	44%	Fail	ND	Pass	30%	Pass	ND	Pass

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW303-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	P2504890.D	C70840	Cal	0.760	0.896	0.760	-15%	4.7%		Pass	
2025FW303 Method Blank-1	P2504891.D	C16084	Blank		0.896	0.760			1.3%	Pass	ND
M325B CCV 5	P2504902.D	C70835	Check	0.794	0.896	0.760	-11%		3.0%	Pass	
M325B CCV 5	P2504908.D	C70603	Check	0.799	0.896	0.760	-11%		2.3%	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	P2504890.D	C70840	Cal	0.744	0.887	0.744	-16%	3.0%		Pass	
2025FW303 Method Blank-1	P2504891.D	C16084	Blank		0.887	0.744			-0.14%	Pass	ND
M325B CCV 5	P2504902.D	C70835	Check	0.781	0.887	0.744	-12%		3.4%	Pass	
M325B CCV 5	P2504908.D	C70603	Check	0.797	0.887	0.744	-10%		-1.1%	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	P2504890.D	C70840	Cal	0.859	1.034	0.859	-17%	3.0%		Pass	
2025FW303 Method Blank-1	P2504891.D	C16084	Blank		1.034	0.859			-0.14%	Pass	ND
M325B CCV 5	P2504902.D	C70835	Check	0.906	1.034	0.859	-12%		3.4%	Pass	
M325B CCV 5	P2504908.D	C70603	Check	0.930	1.034	0.859	-10%		-1.1%	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	P2504890.D	C70840	Cal	0.724	0.792	0.724	-8.6%	3.0%		Pass	
2025FW303 Method Blank-1	P2504891.D	C16084	Blank		0.792	0.724			-0.14%	Pass	ND
M325B CCV 5	P2504902.D	C70835	Check	0.733	0.792	0.724	-7.4%		3.4%	Pass	
M325B CCV 5	P2504908.D	C70603	Check	0.740	0.792	0.724	-6.5%		-1.1%	Pass	

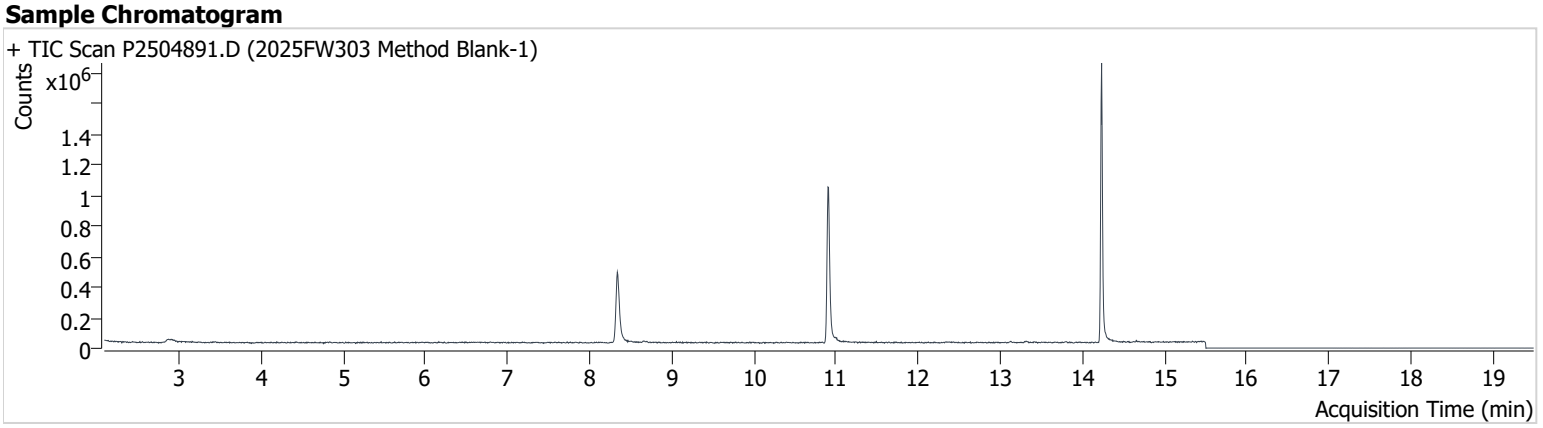
o-Xylene Calibration and Blanks

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	P2504890.D	C70840	Cal	0.688	0.833	0.688	-17%	3.0%		Pass	
2025FW303 Method Blank-1	P2504891.D	C16084	Blank		0.833	0.688			-0.14%	Pass	ND
M325B CCV 5	P2504902.D	C70835	Check	0.731	0.833	0.688	-12%		3.4%	Pass	
M325B CCV 5	P2504908.D	C70603	Check	0.756	0.833	0.688	-9.3%		-1.1%	Pass	

Chromatograms

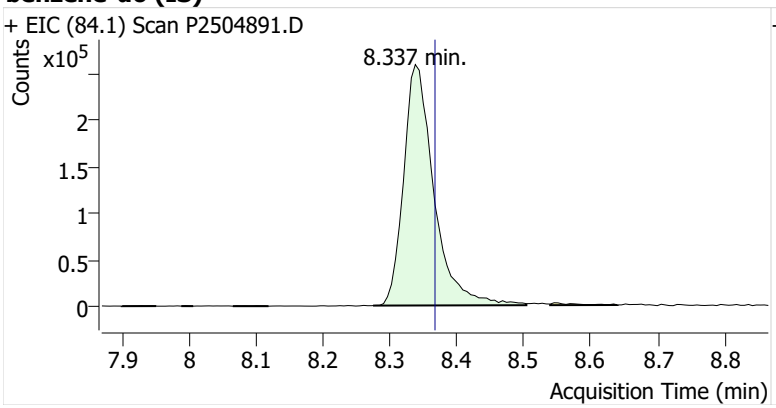
Name	2025FW303 Method Blank-1
Comment	C16084
Data File	P2504891.D
Acq. Date-Time	8/2/2025 1:18:34 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

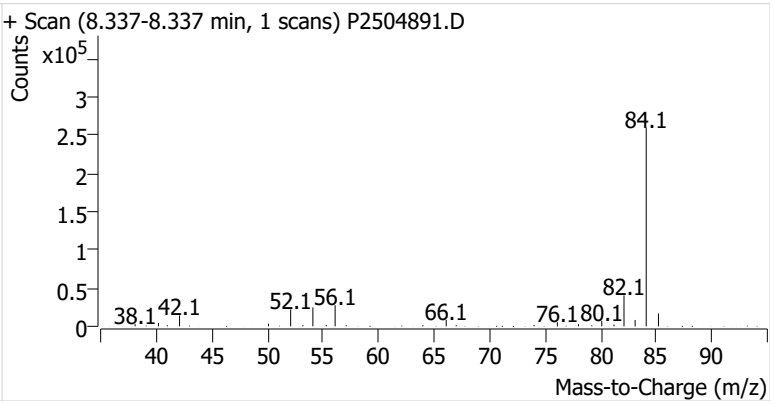
Sample Chromatogram



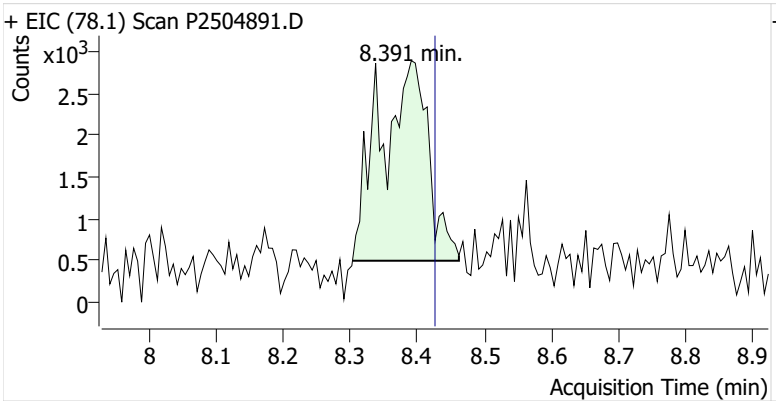
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	817,575	
Benzene	benzene-d6 (IS)	8.391	8.426	11,943	
Toluene-d8 (IS)		10.901	10.931	982,010	
Toluene	Toluene-d8 (IS)	10.996	11.020	10,783	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	6,696	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	4,476	m
o-Xylene	Toluene-d8 (IS)	13.792	13.809	3,805	

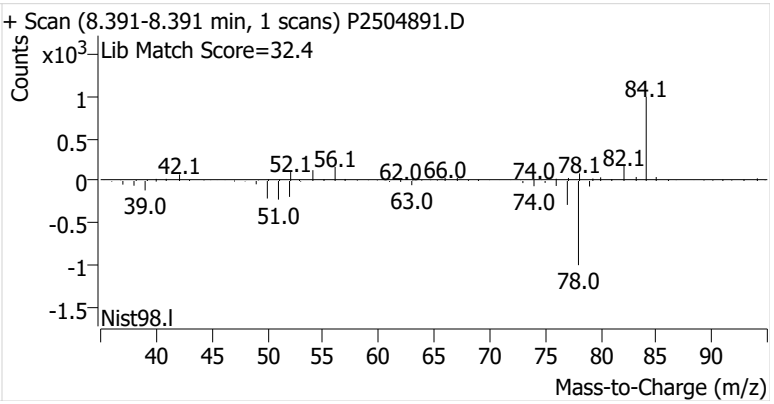
benzene-d6 (IS)



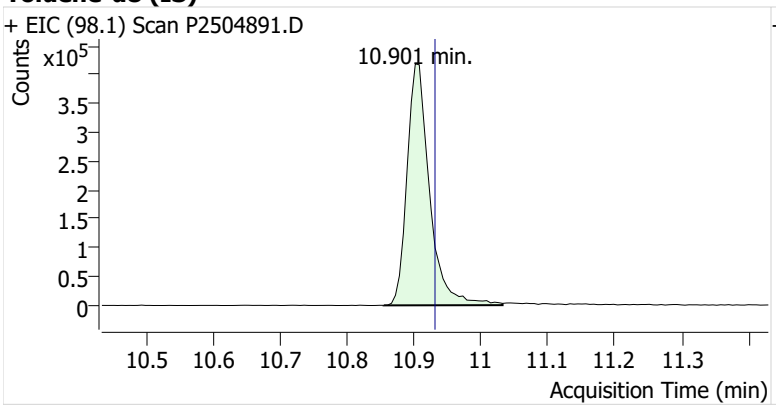


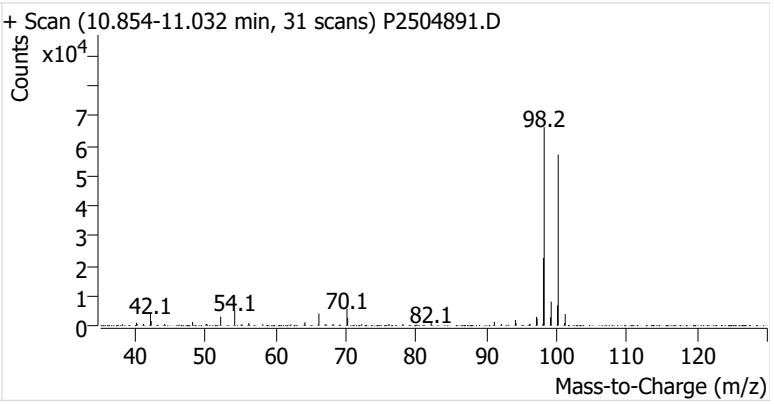
Benzene



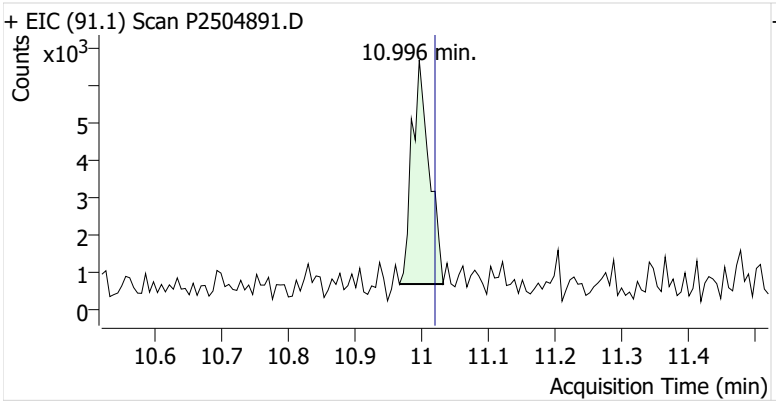


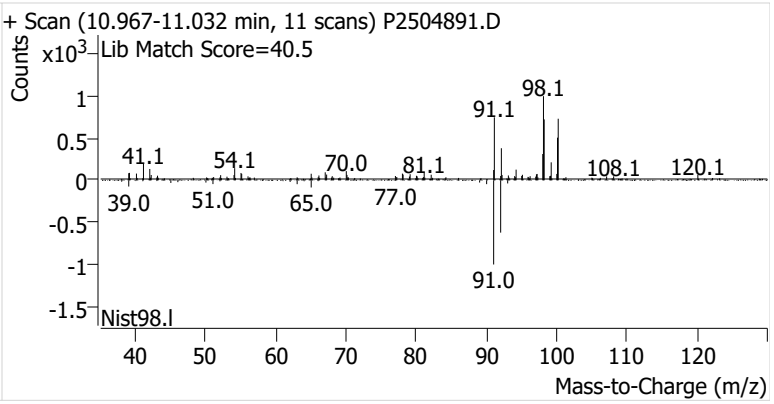
Toluene-d8 (IS)



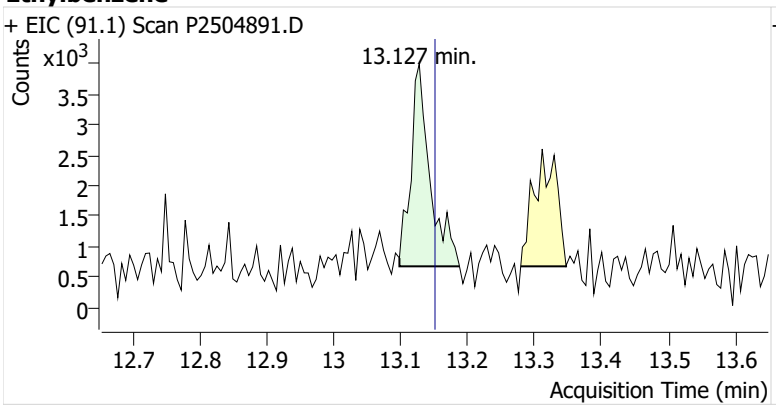


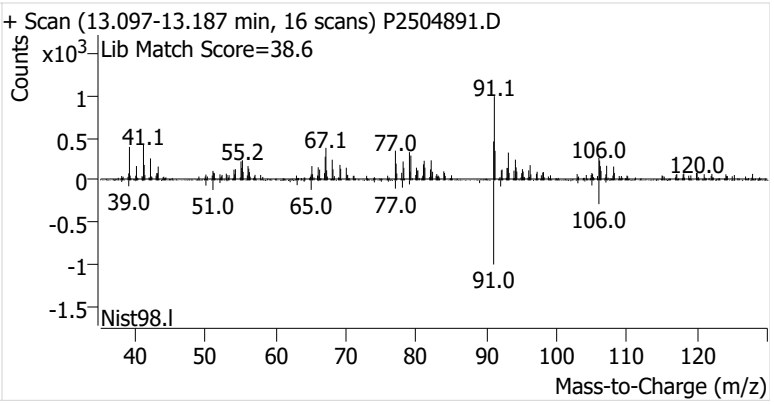
Toluene



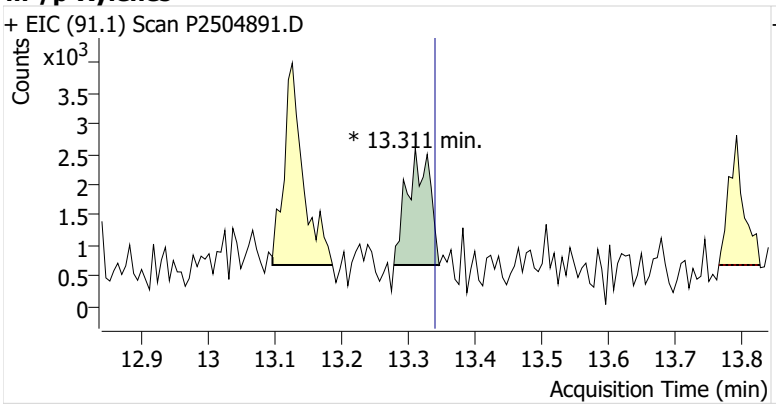


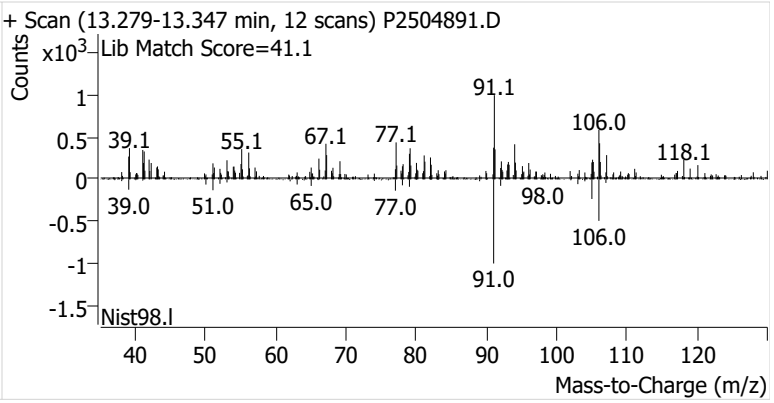
Ethylbenzene



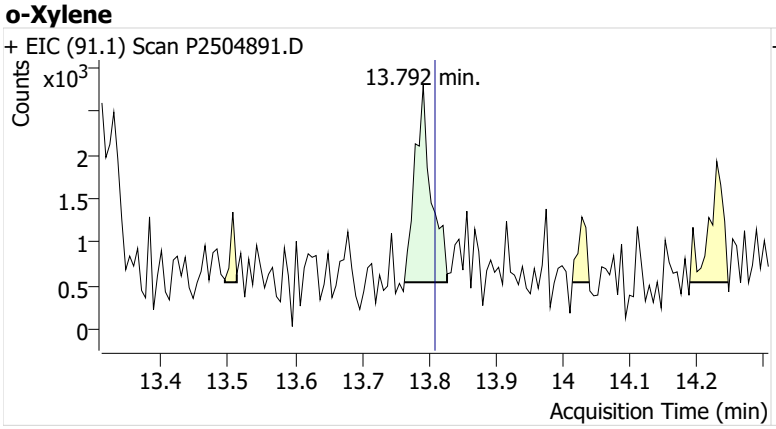


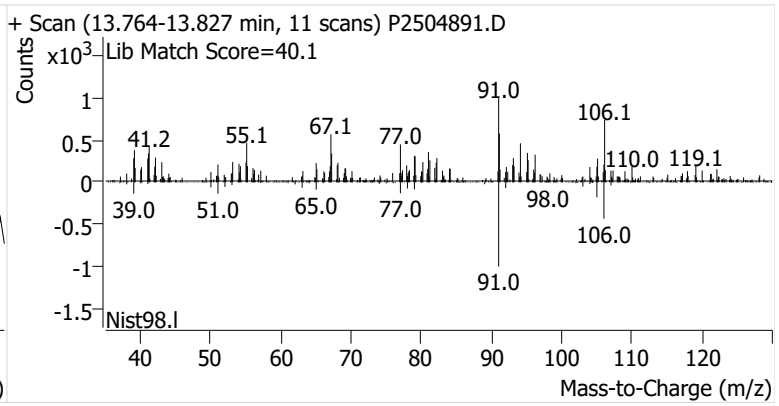
m-/p-Xylenes





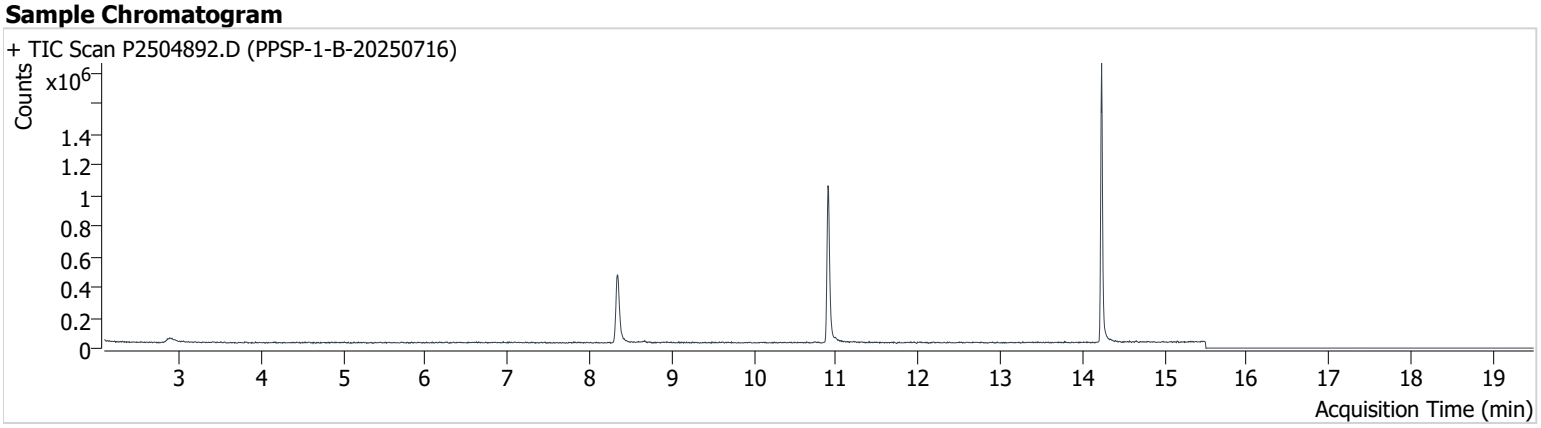
o-Xylene


+ EIC (91.1) Scan P2504891.D
Counts
x10^3
13.792 min.
2
1.5
1
0.5
0
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.764-13.827 min, 11 scans) P2504891.D
Counts
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Lib Match Score=40.1
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0
-0.5
-1
-1.5
91.0
106.1
41.2
55.1
67.1
77.0
110.0 119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

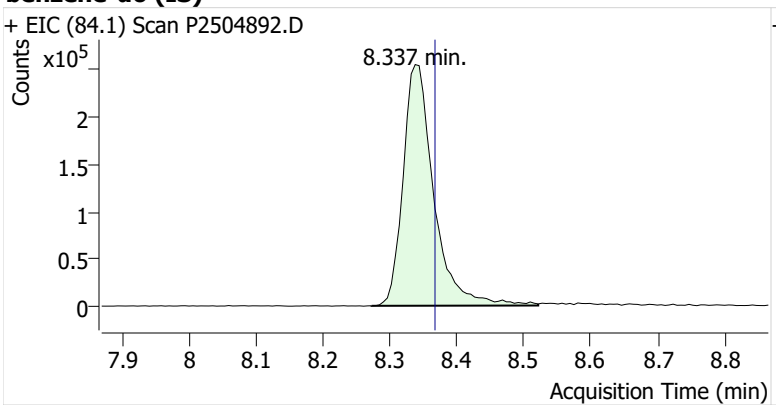
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Comment	C34276
Data File	P2504892.D
Acq. Date-Time	8/2/2025 1:55:49 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

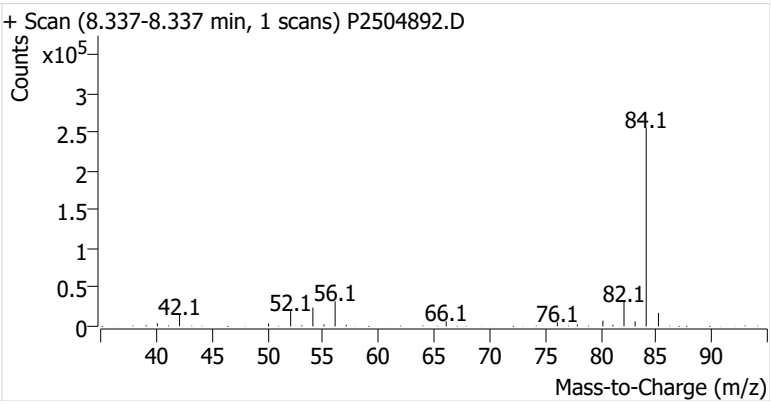
Sample Chromatogram



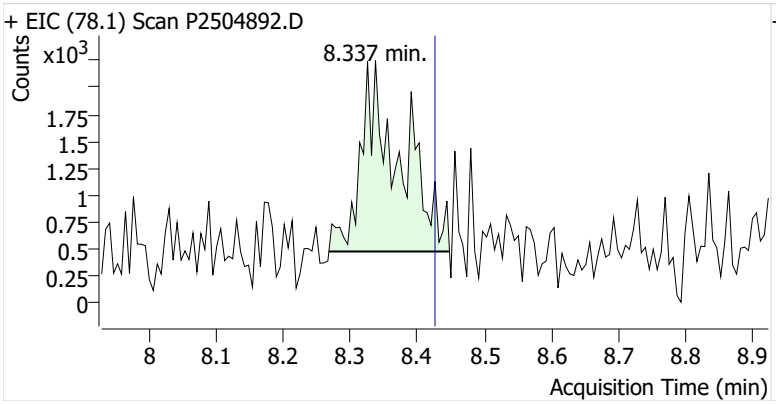
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	815,116	
Benzene	benzene-d6 (IS)	8.337	8.426	7,082	
Toluene-d8 (IS)		10.901	10.931	965,814	
Toluene	Toluene-d8 (IS)	10.996	11.020	5,686	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	1,420	
m-/p-Xylenes	Toluene-d8 (IS)	13.293	13.341	801	
o-Xylene	Toluene-d8 (IS)	14.231	13.809	ND	m

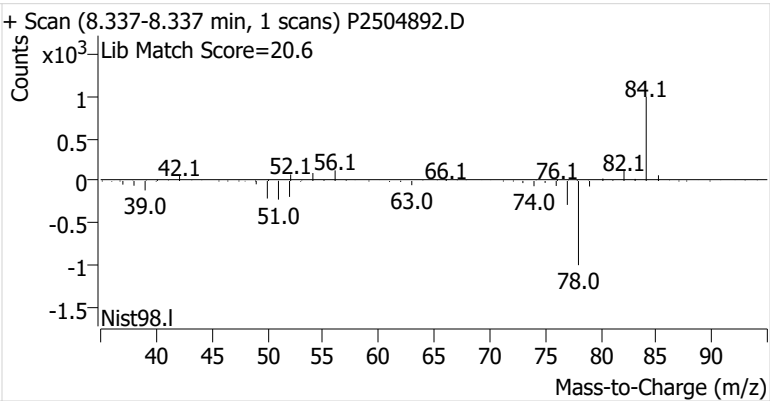
benzene-d6 (IS)



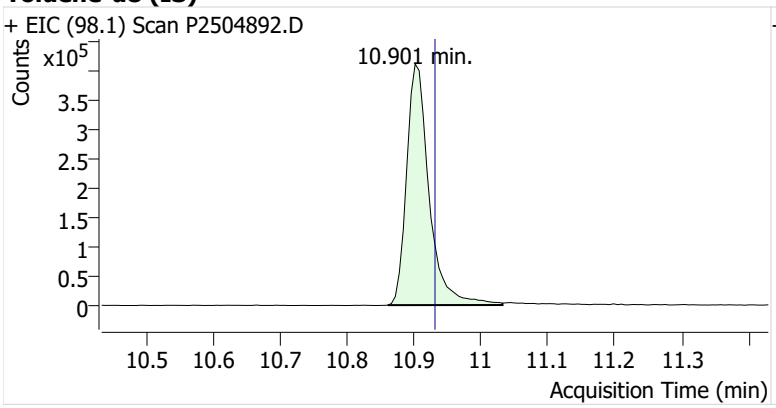


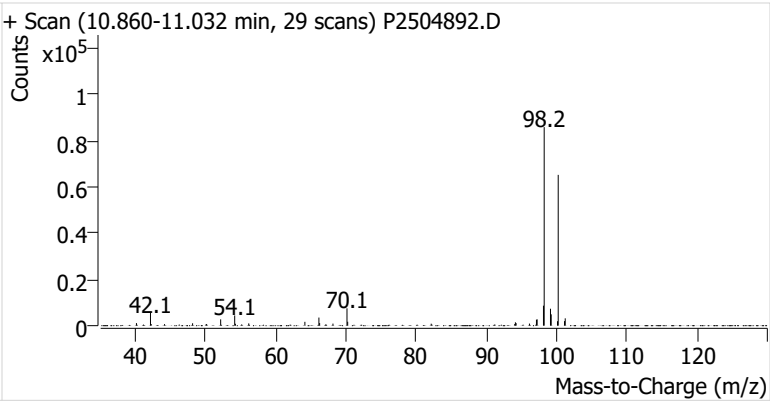
Benzene



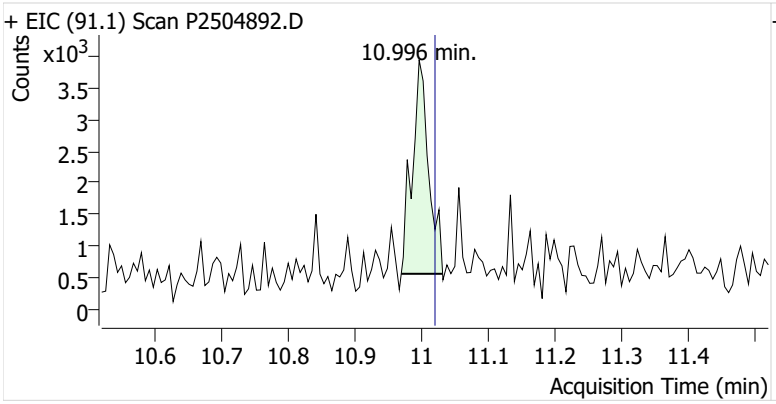


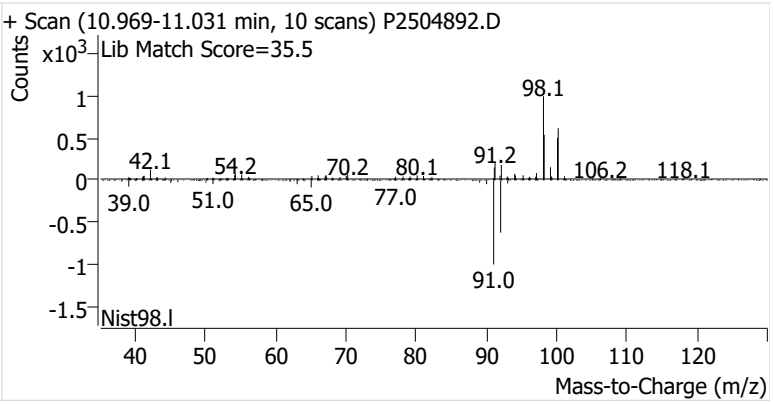
Toluene-d8 (IS)



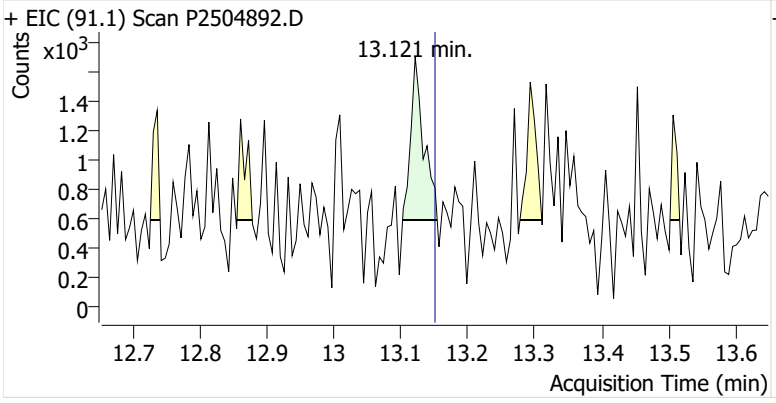


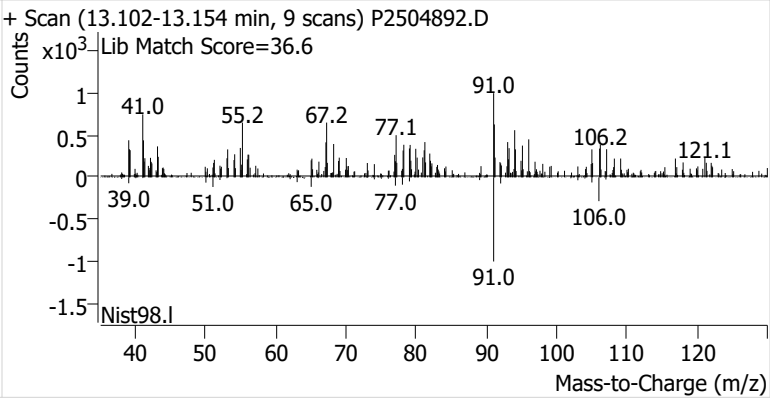
Toluene



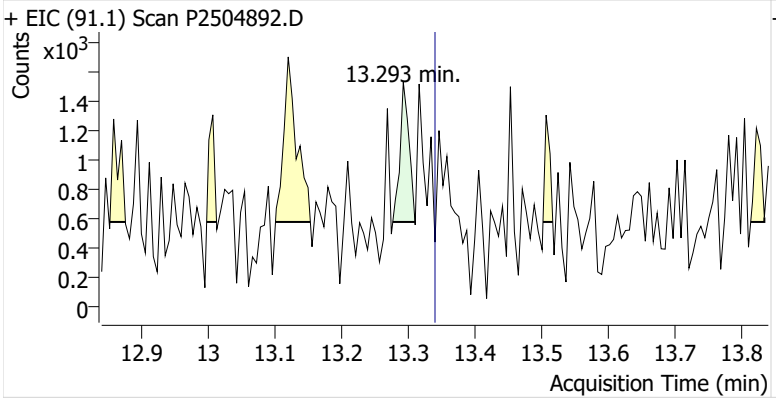


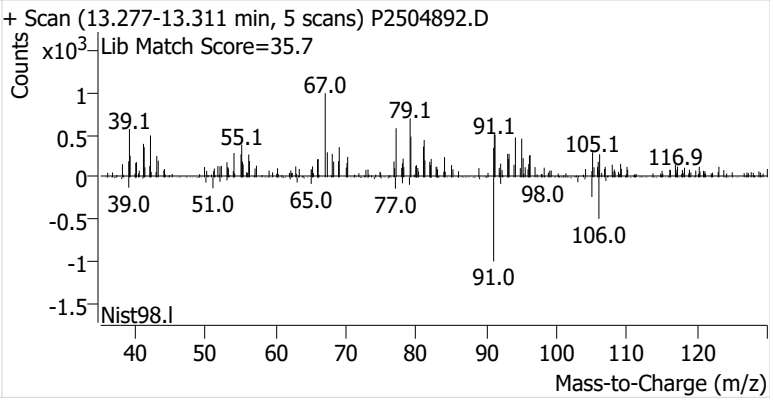
Ethylbenzene



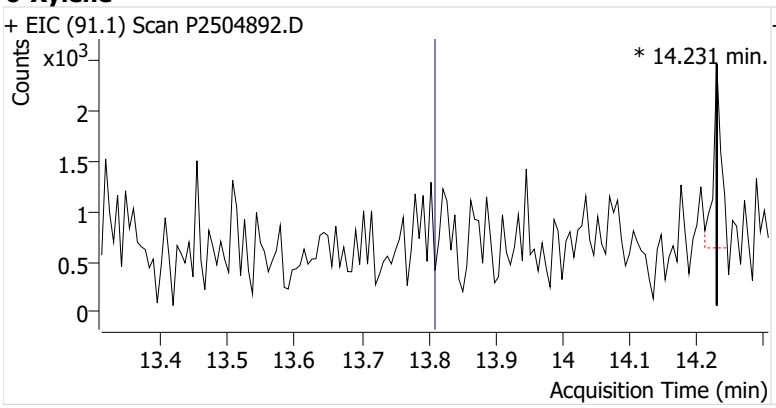


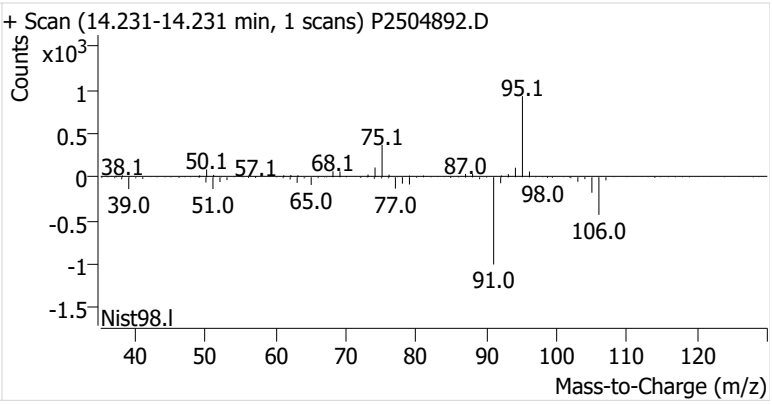
m-/p-Xylenes





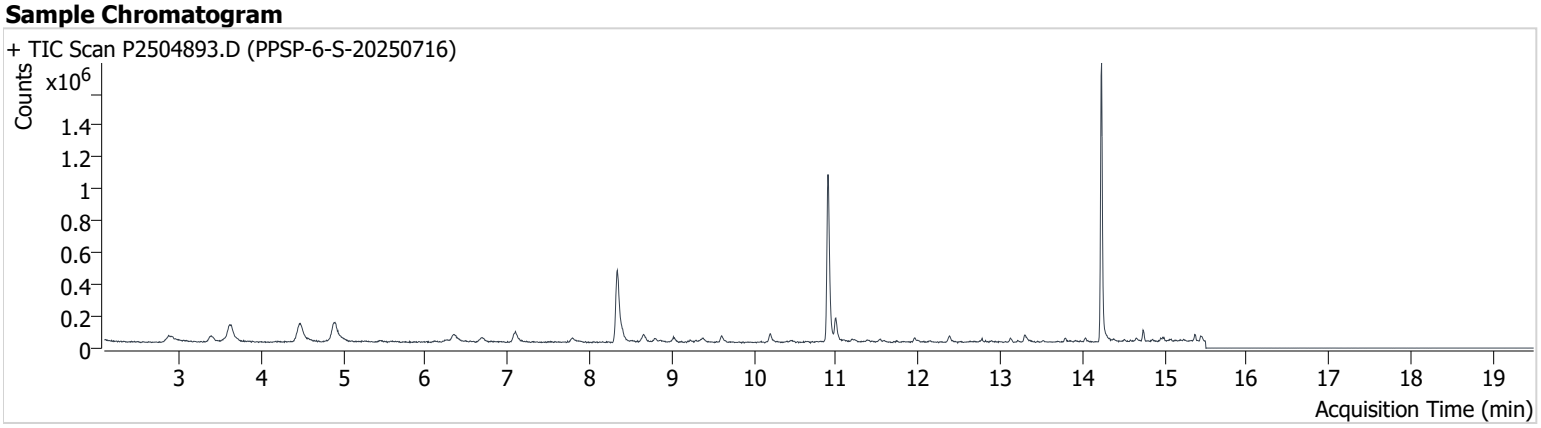
o-Xylene


+ EIC (91.1) Scan P2504892.D
Counts
x10^3
* 14.231 min.
2
1.5
1
0.5
0
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (14.231-14.231 min, 1 scans) P2504892.D
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
95.1
75.1
38.1
50.1
57.1
68.1
87.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

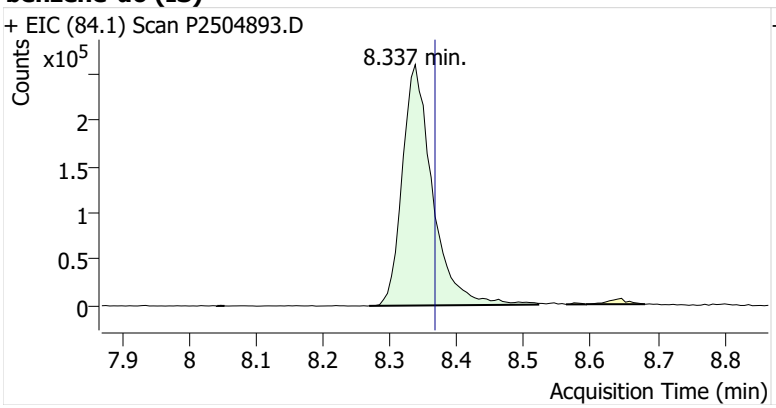
Name	PPSP-6-S-20250716
Comment	C56958
Data File	P2504893.D
Acq. Date-Time	8/2/2025 2:33:06 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

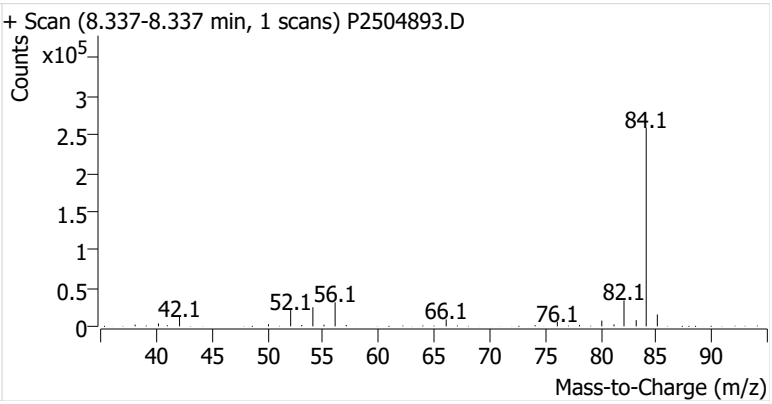
Sample Chromatogram



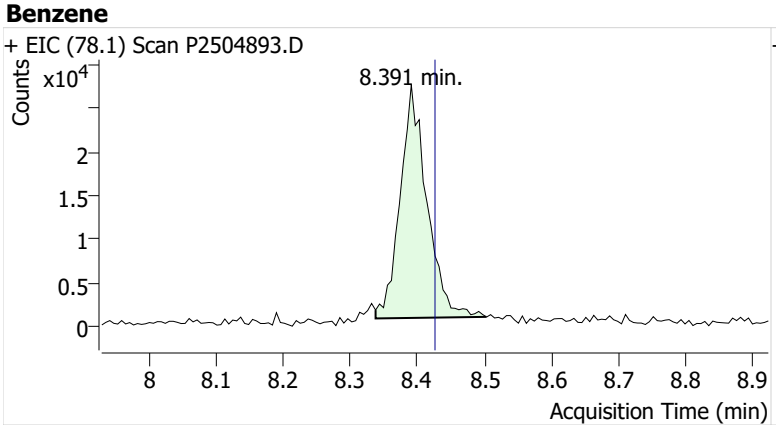
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	810,612	
Benzene	benzene-d6 (IS)	8.391	8.426	74,582	
Toluene-d8 (IS)		10.901	10.931	994,488	
Toluene	Toluene-d8 (IS)	10.990	11.020	134,864	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	18,754	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	40,921	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	17,299	

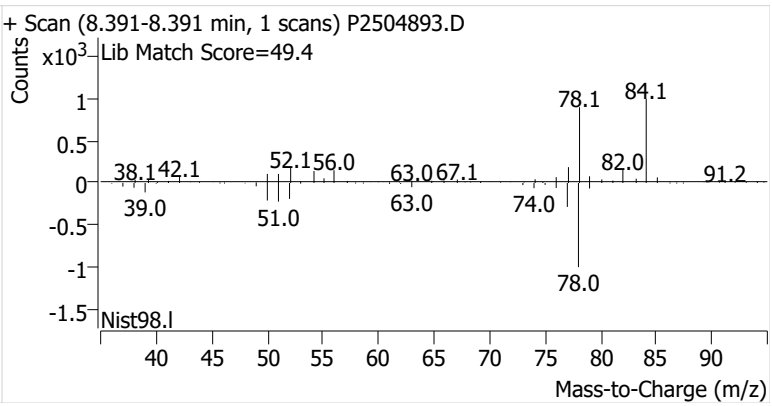
benzene-d6 (IS)



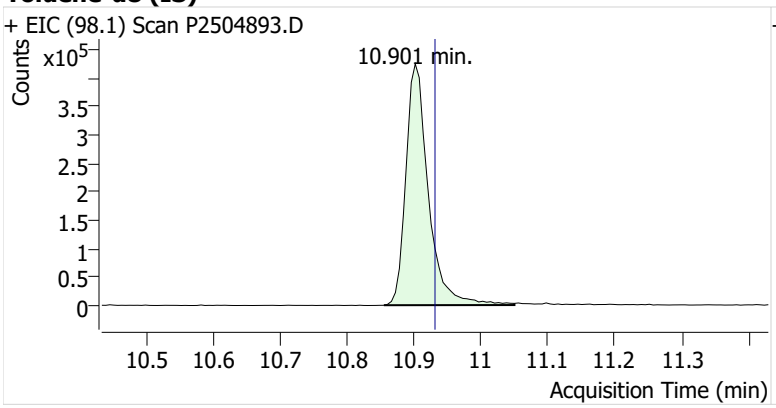


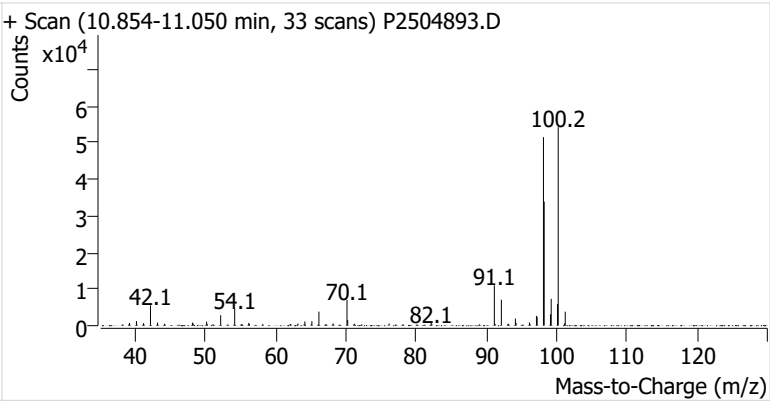
Benzene



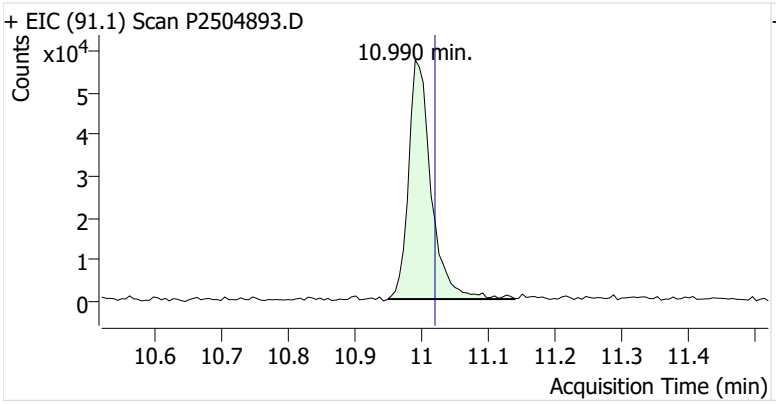


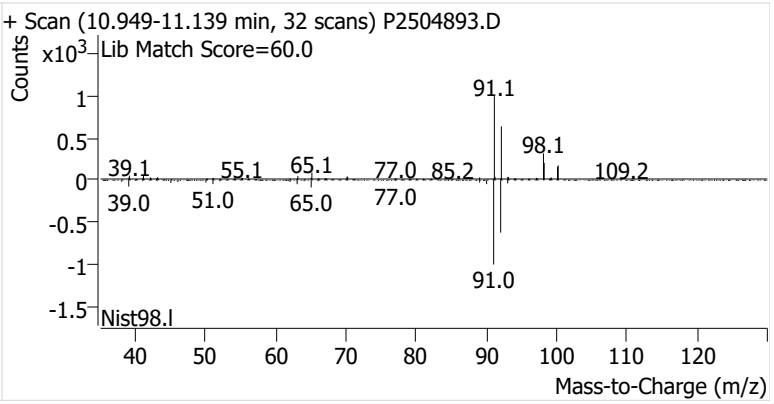
Toluene-d8 (IS)



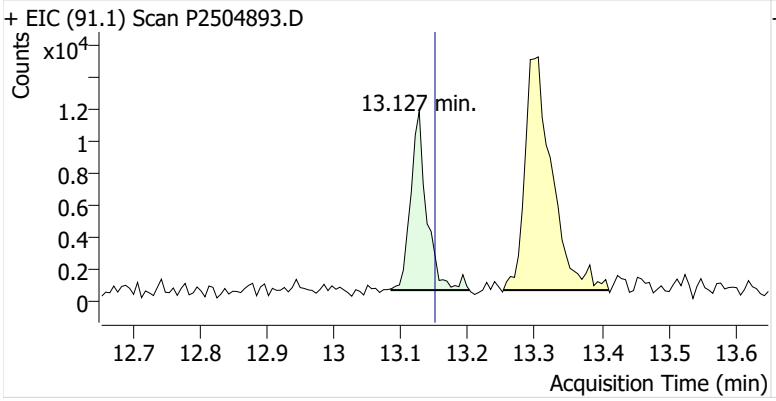


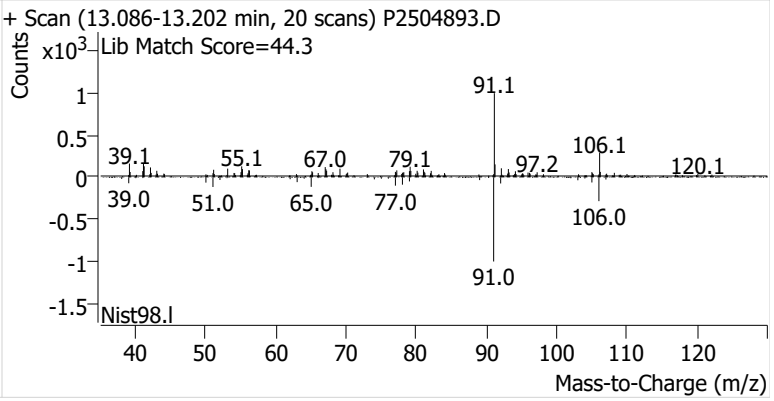
Toluene



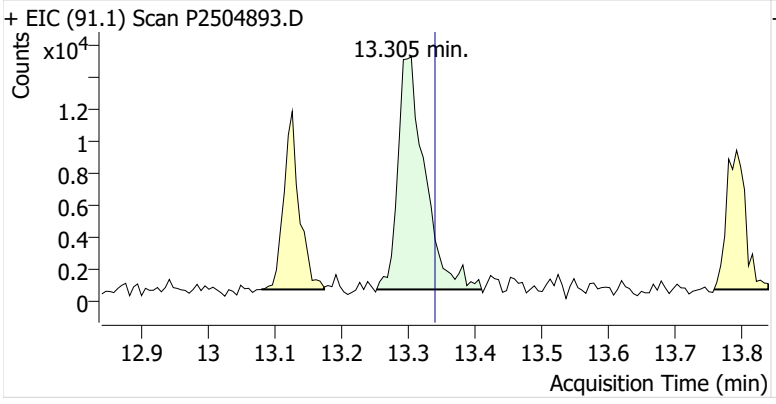


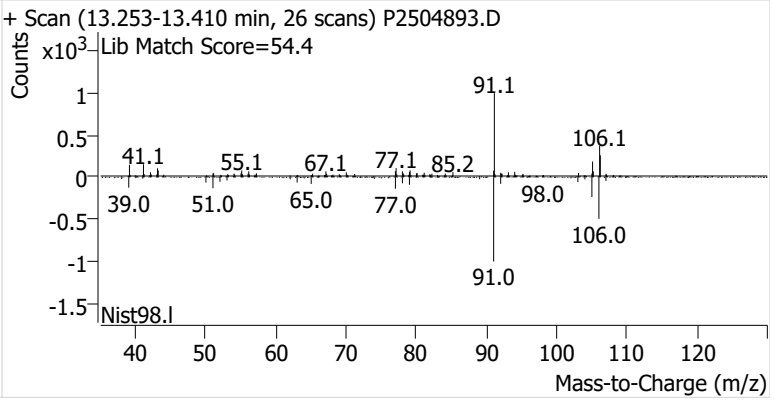
Ethylbenzene



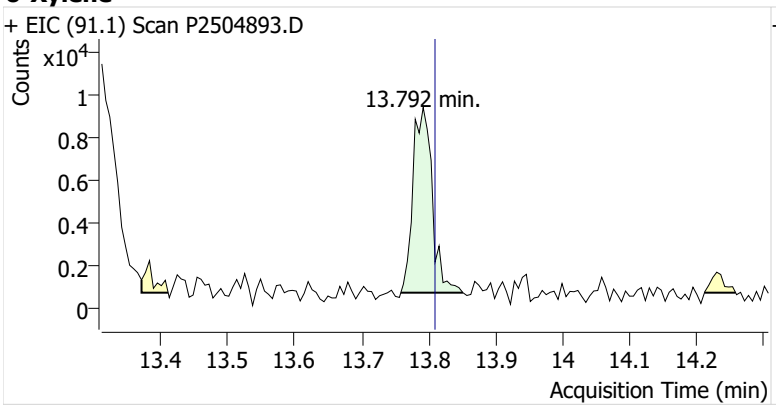


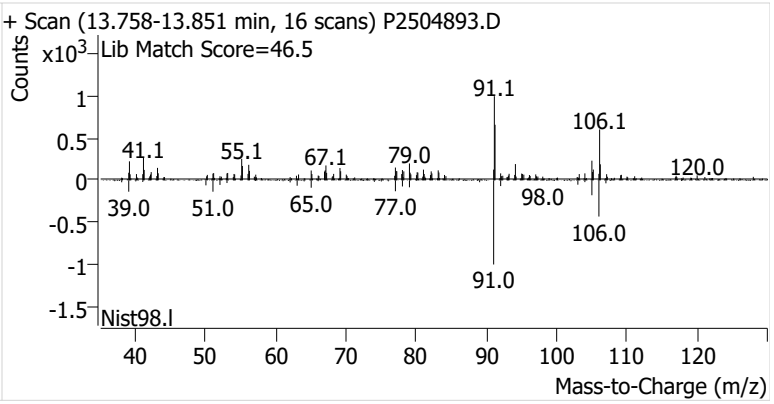
m-/p-Xylenes





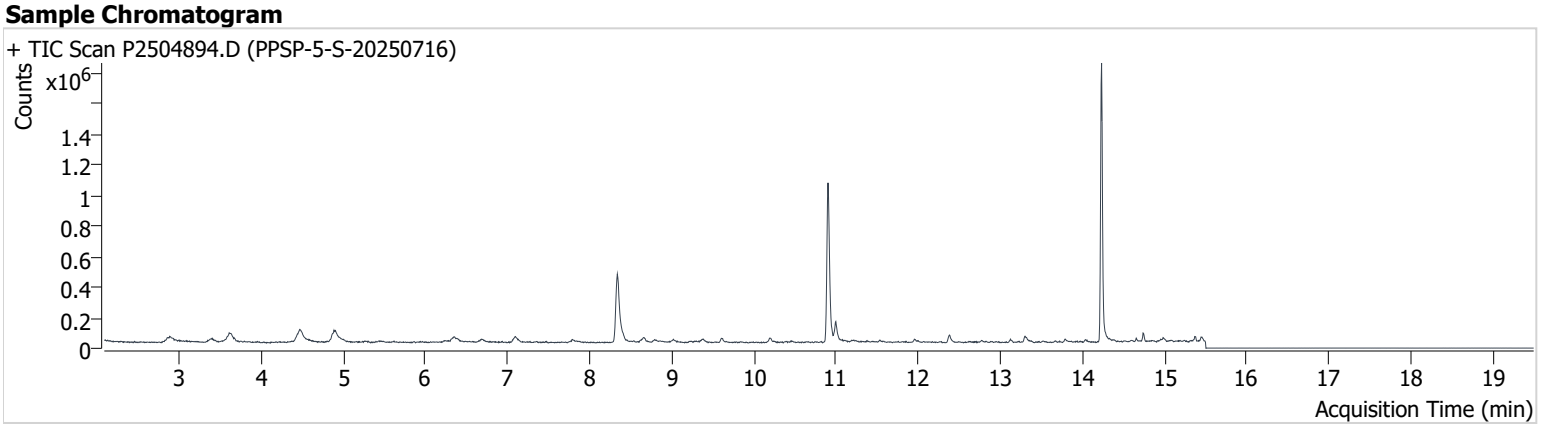
o-Xylene


+ EIC (91.1) Scan P2504893.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.792 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.758-13.851 min, 16 scans) P2504893.D
Lib Match Score=46.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.0
120.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

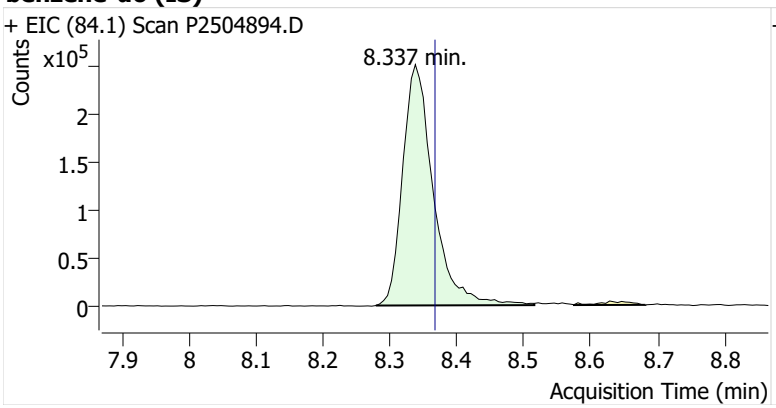
Name	PPSP-5-S-20250716
Comment	C43709
Data File	P2504894.D
Acq. Date-Time	8/2/2025 3:10:23 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

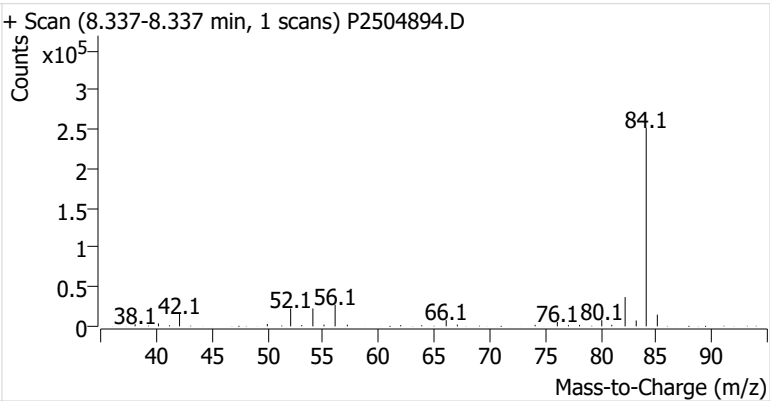
Sample Chromatogram



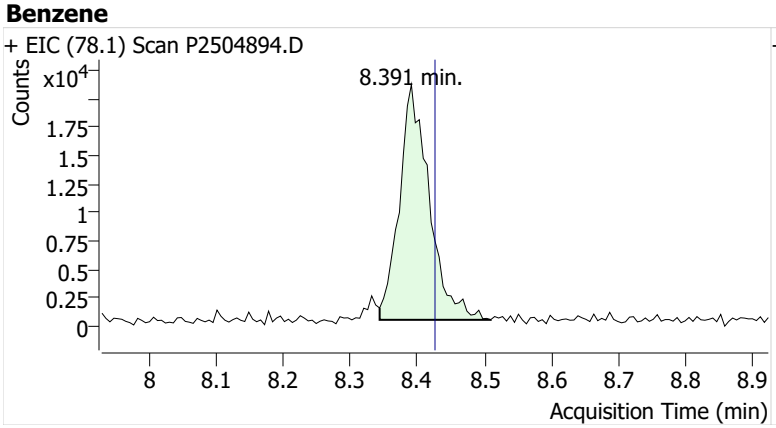
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	800,847	
Benzene	benzene-d6 (IS)	8.391	8.426	64,529	
Toluene-d8 (IS)		10.901	10.931	982,635	
Toluene	Toluene-d8 (IS)	10.996	11.020	108,557	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	14,671	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	36,767	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	11,893	

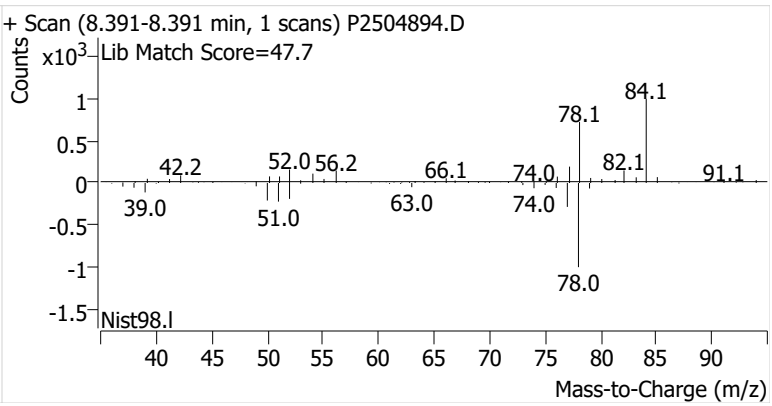
benzene-d6 (IS)



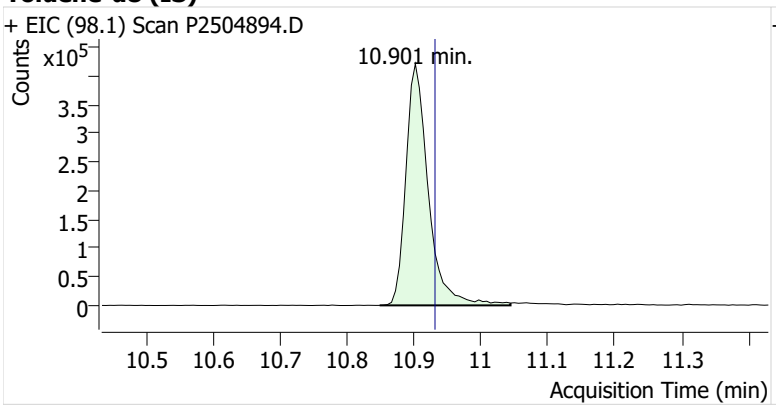


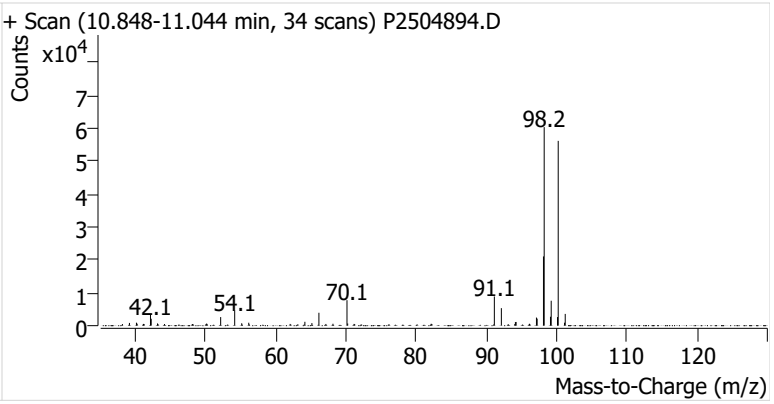
Benzene



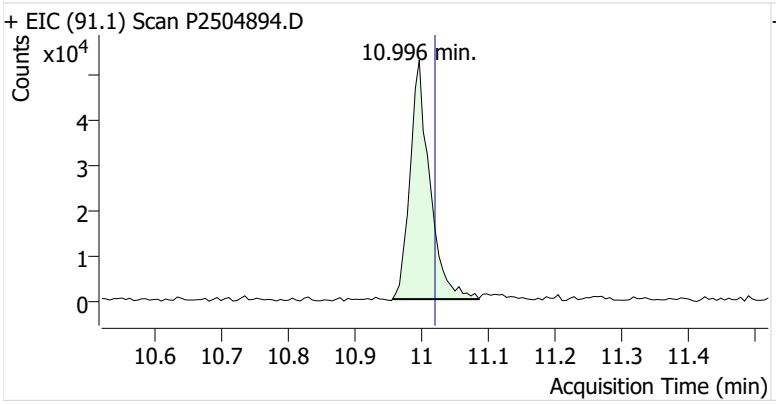


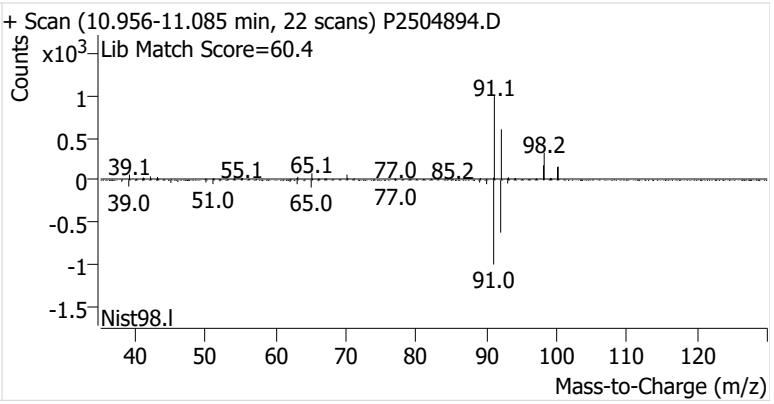
Toluene-d8 (IS)



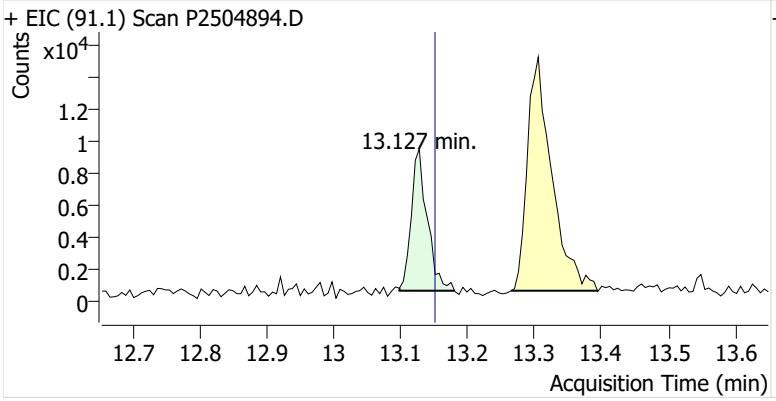


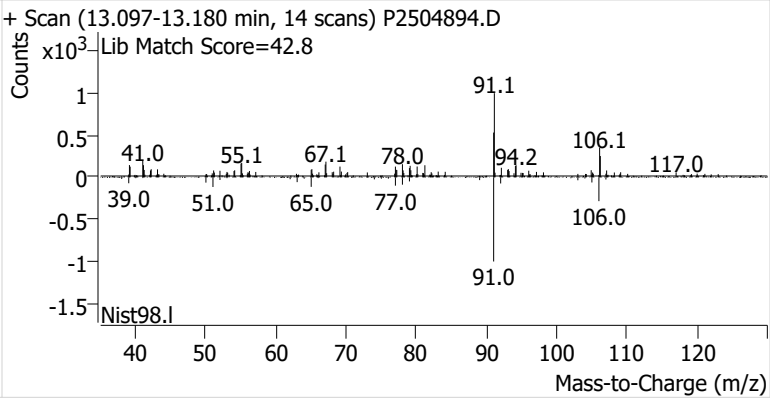
Toluene



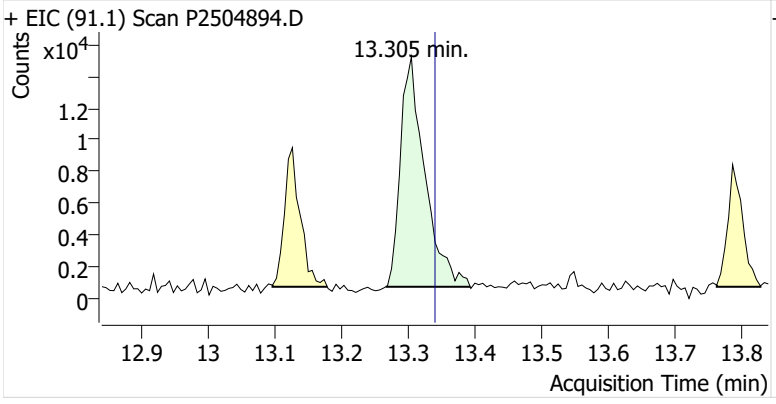


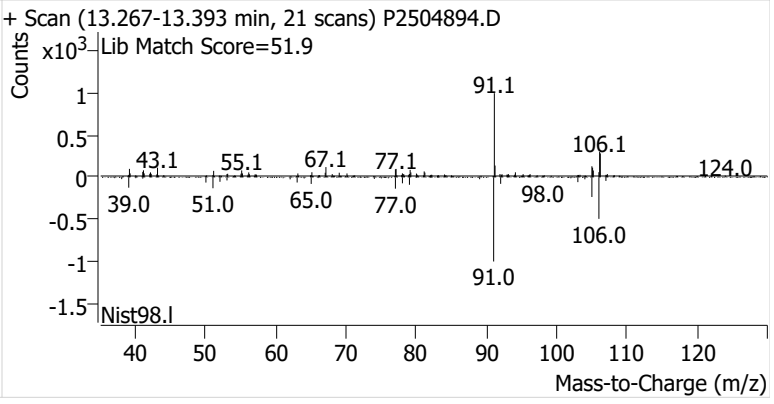
Ethylbenzene



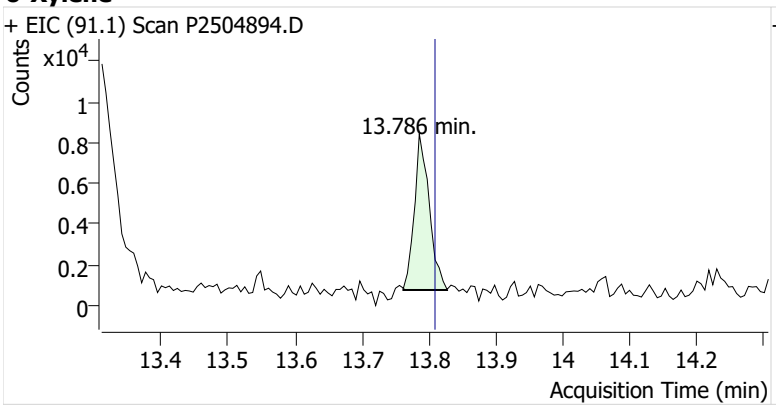


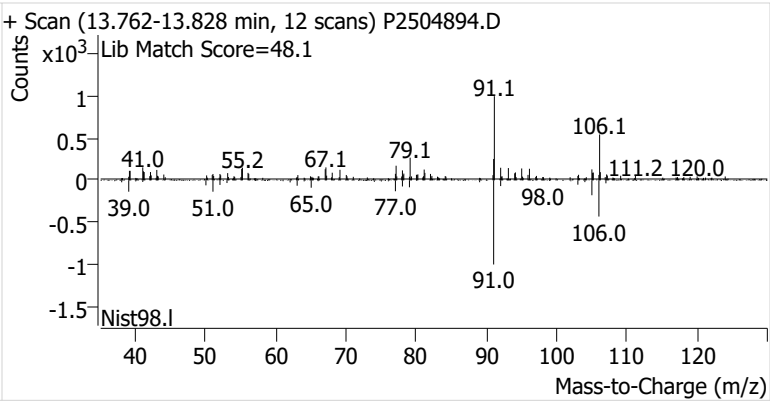
m-/p-Xylenes





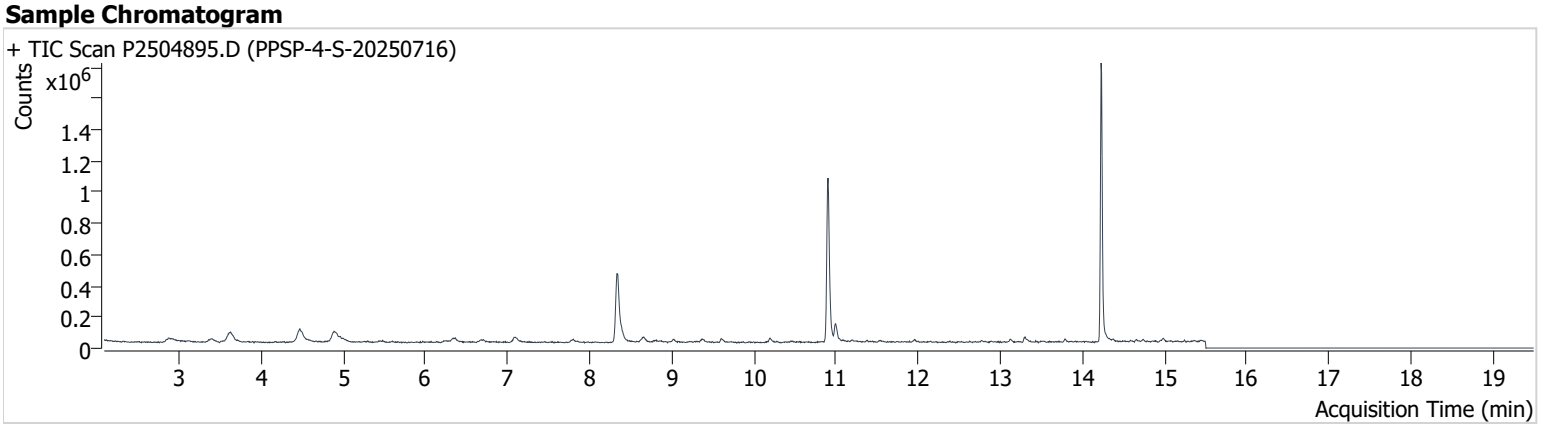
o-Xylene


+ EIC (91.1) Scan P2504894.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.786 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.762-13.828 min, 12 scans) P2504894.D
Lib Match Score=48.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.0
55.2
67.1
79.1
111.2 120.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

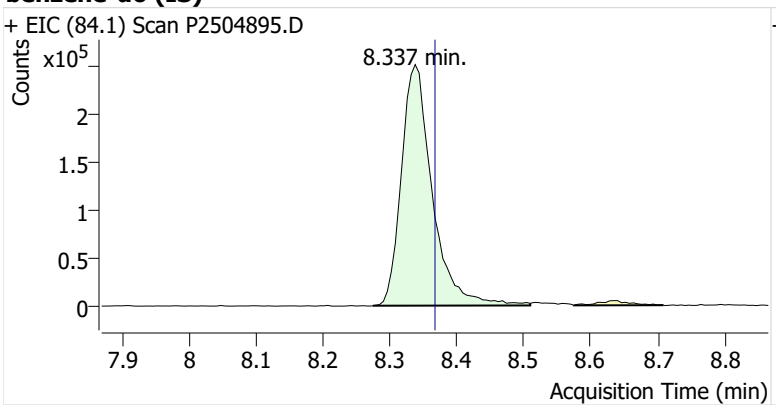
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Comment	B17518
Data File	P2504895.D
Acq. Date-Time	8/2/2025 3:47:41 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

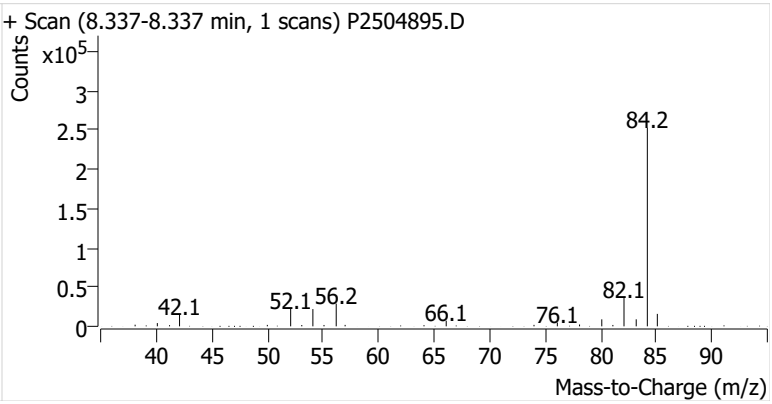
Sample Chromatogram



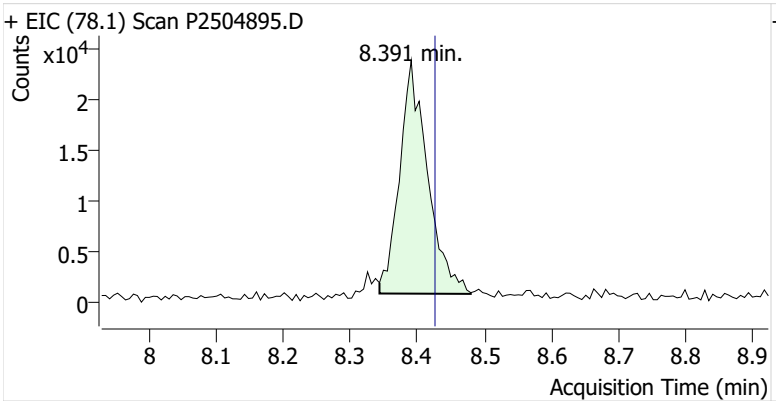
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	808,106	
Benzene	benzene-d6 (IS)	8.391	8.426	67,027	
Toluene-d8 (IS)		10.901	10.931	981,049	
Toluene	Toluene-d8 (IS)	10.990	11.020	100,106	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	15,885	
m-/p-Xylenes	Toluene-d8 (IS)	13.293	13.341	28,423	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	11,398	

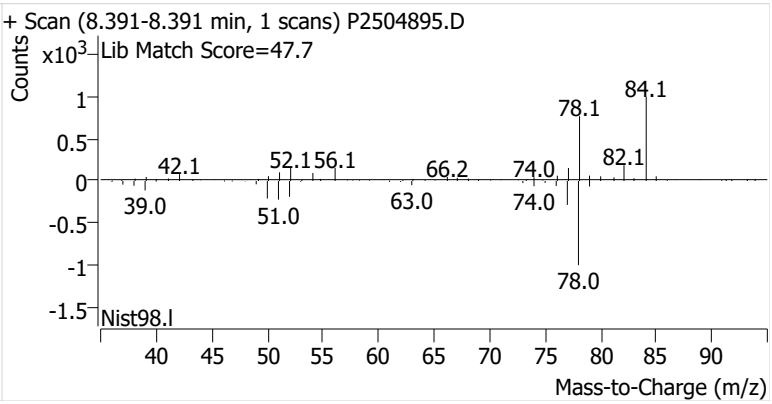
benzene-d6 (IS)



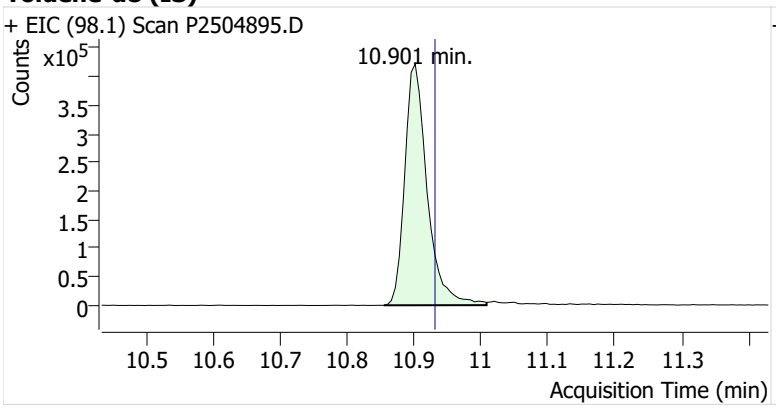


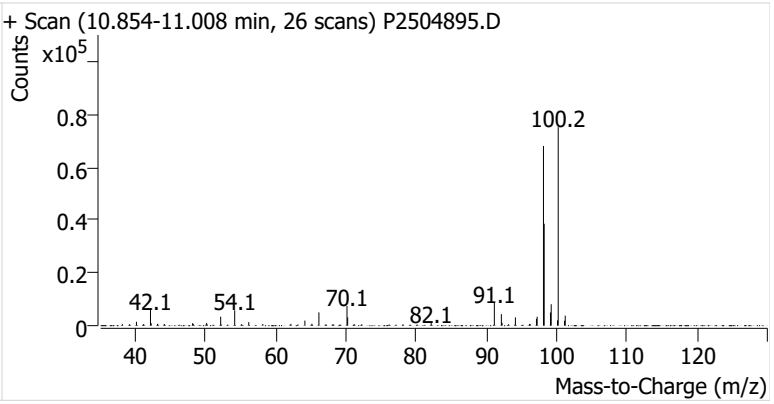
Benzene



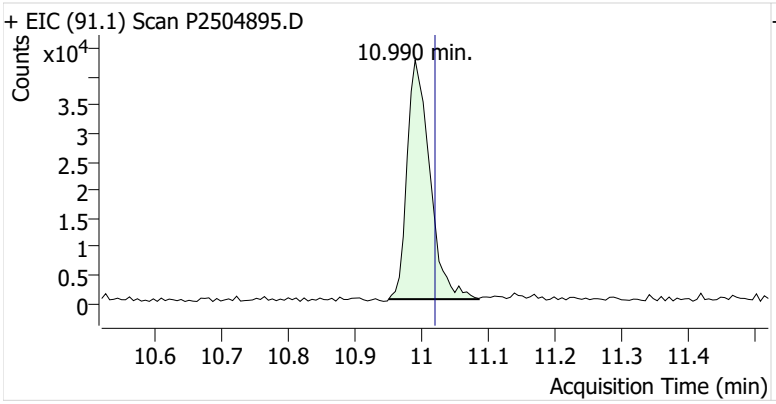


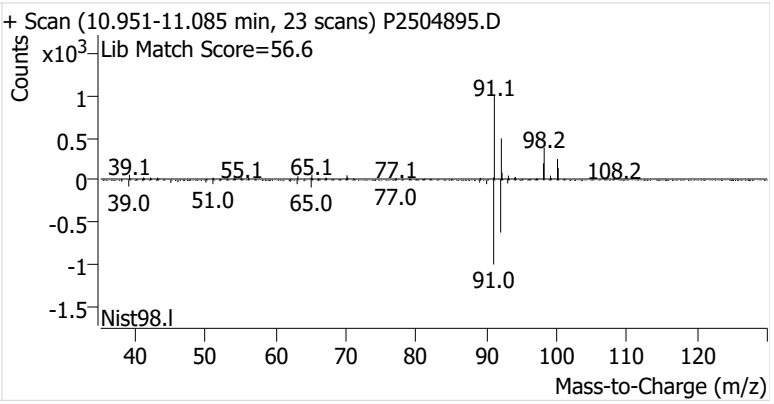
Toluene-d8 (IS)



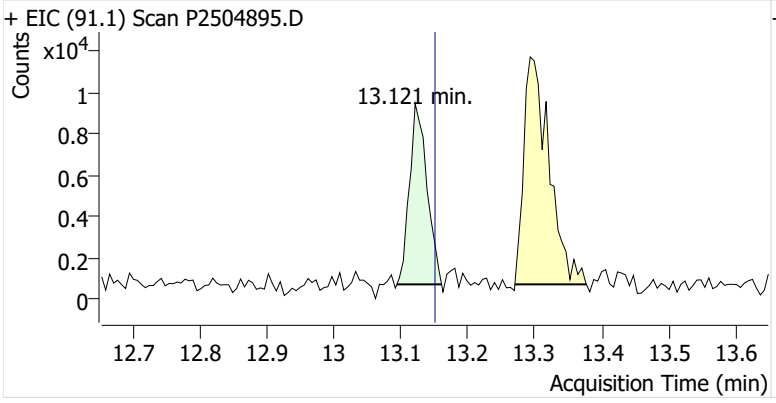


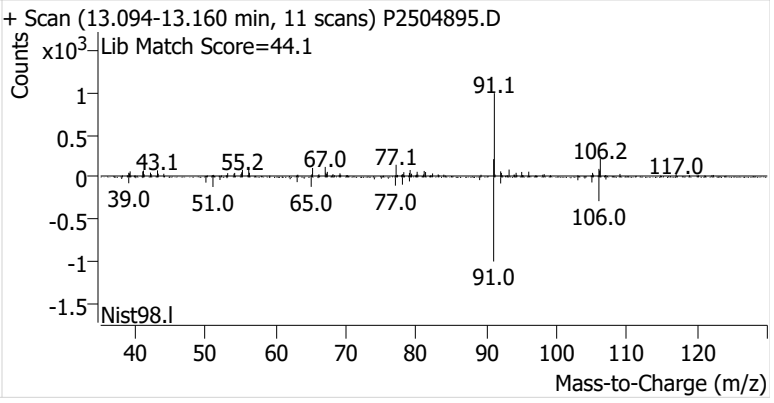
Toluene



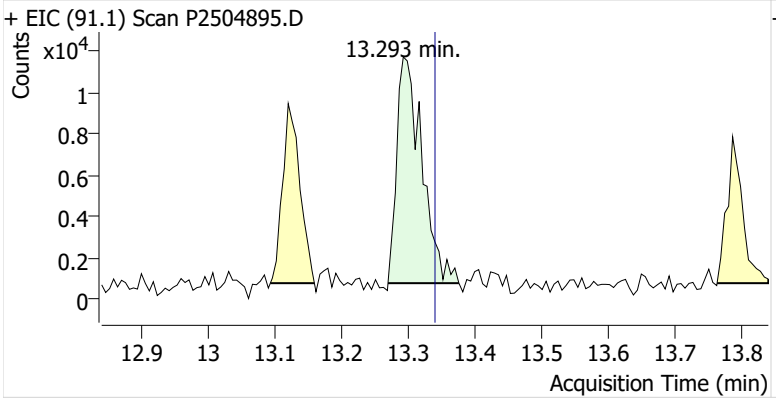


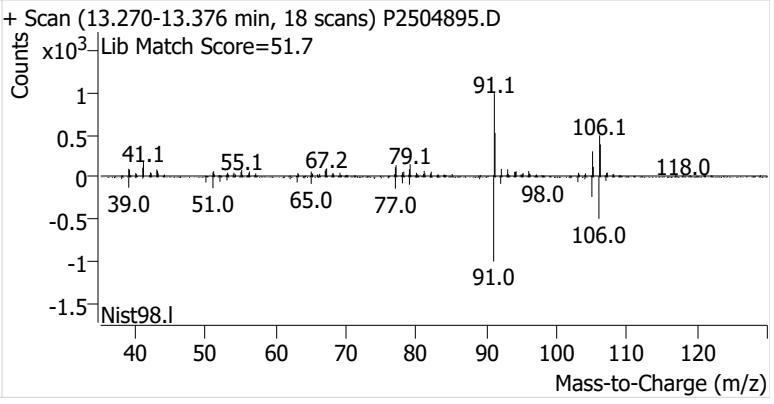
Ethylbenzene



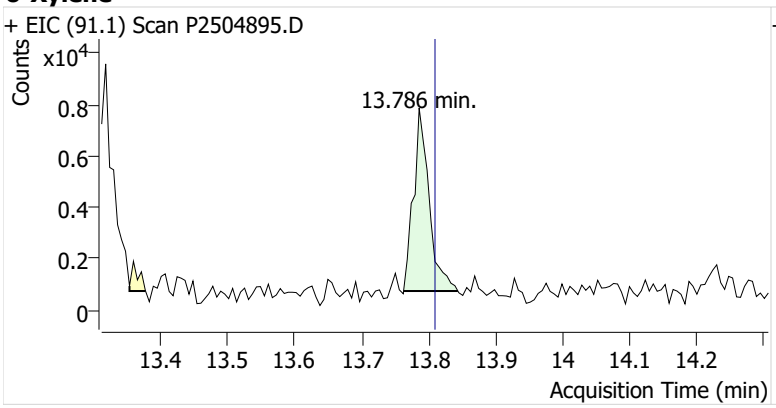


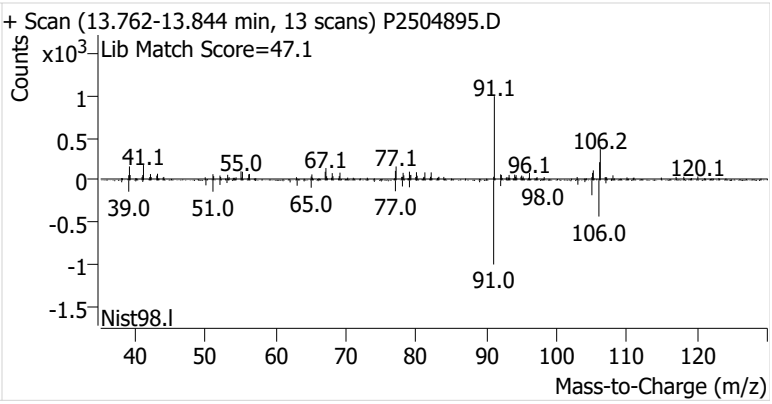
m-/p-Xylenes





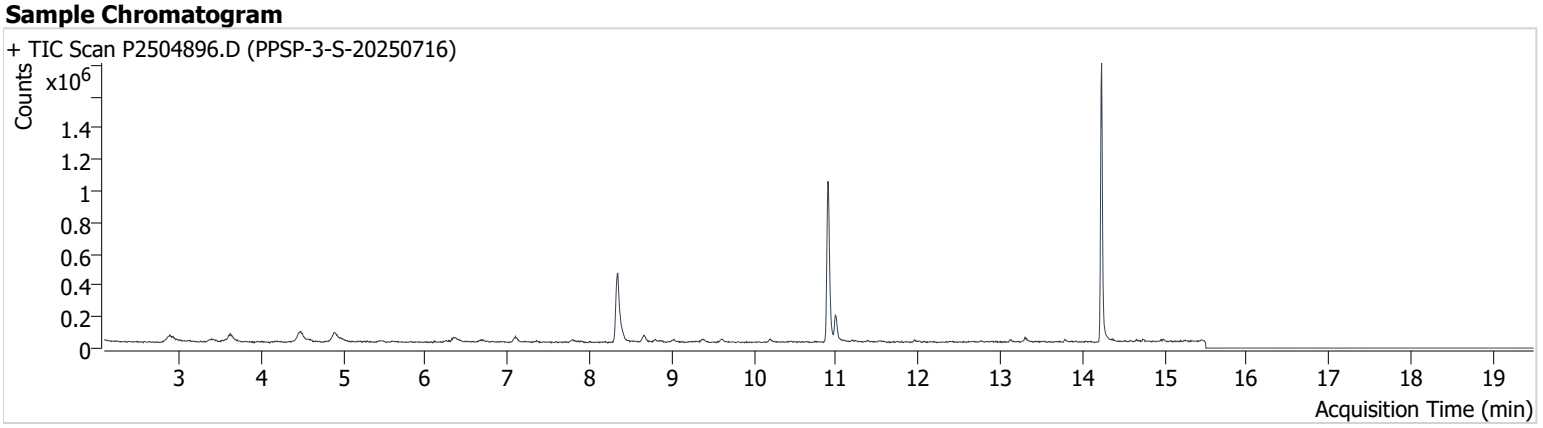
o-Xylene


+ EIC (91.1) Scan P2504895.D
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.786 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.762-13.844 min, 13 scans) P2504895.D
Counts
x10^3
Lib Match Score=47.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.1
55.0
67.1
77.1
96.1
120.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

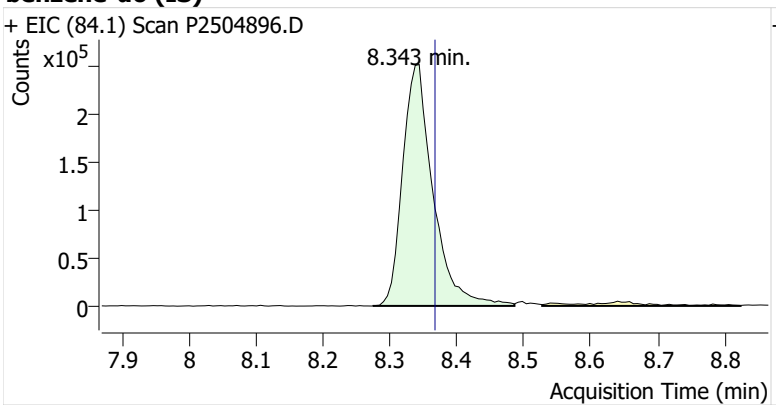
Name	PPSP-3-S-20250716
Comment	C35759
Data File	P2504896.D
Acq. Date-Time	8/2/2025 4:24:58 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

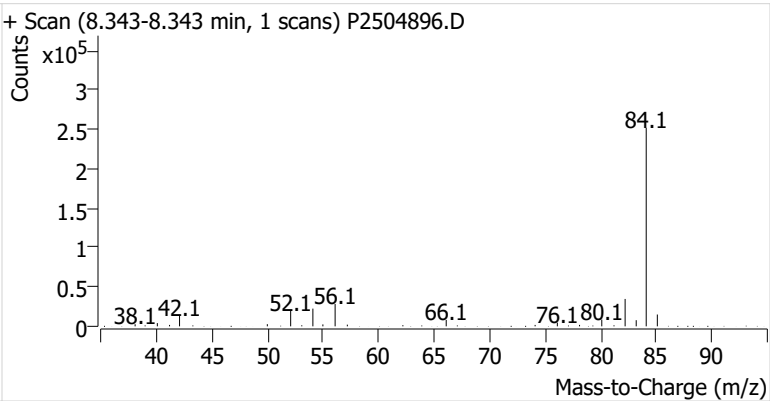
Sample Chromatogram



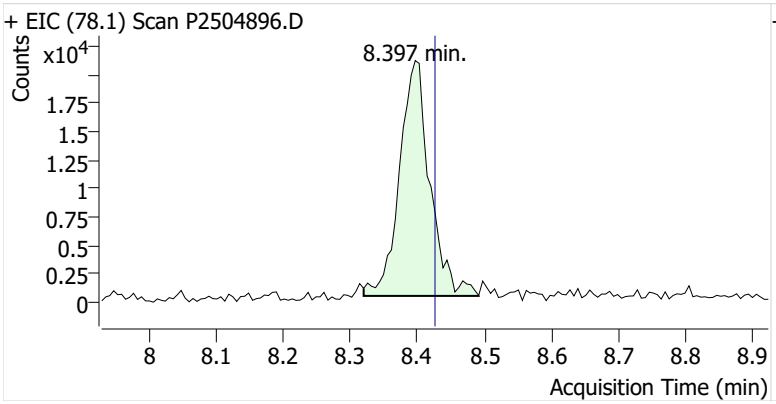
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	796,634	
Benzene	benzene-d6 (IS)	8.397	8.426	65,147	
Toluene-d8 (IS)		10.901	10.931	987,508	
Toluene	Toluene-d8 (IS)	10.990	11.020	160,706	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	13,243	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	27,067	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	7,599	

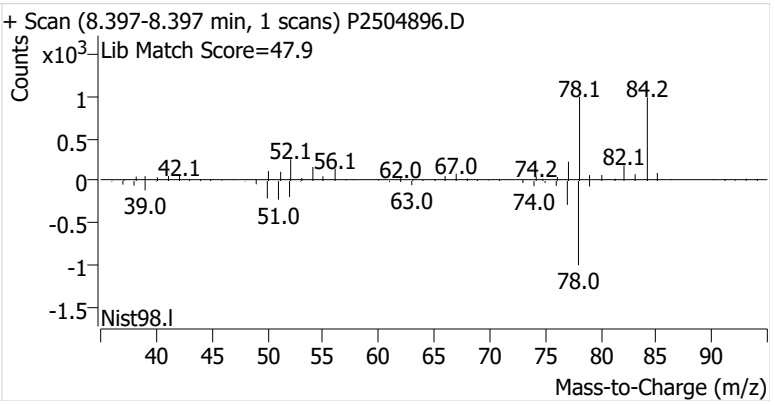
benzene-d6 (IS)



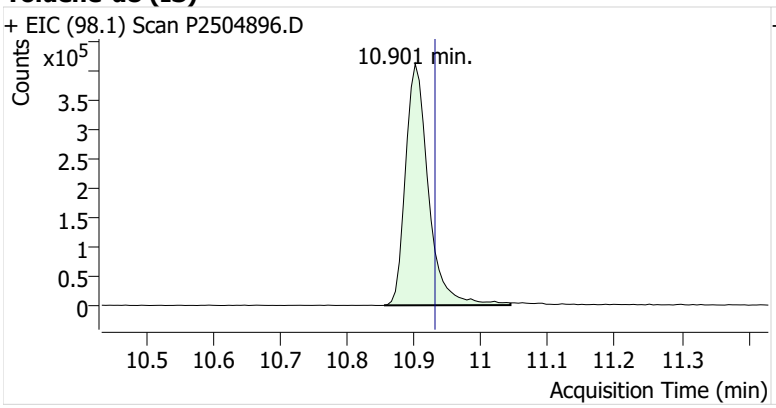


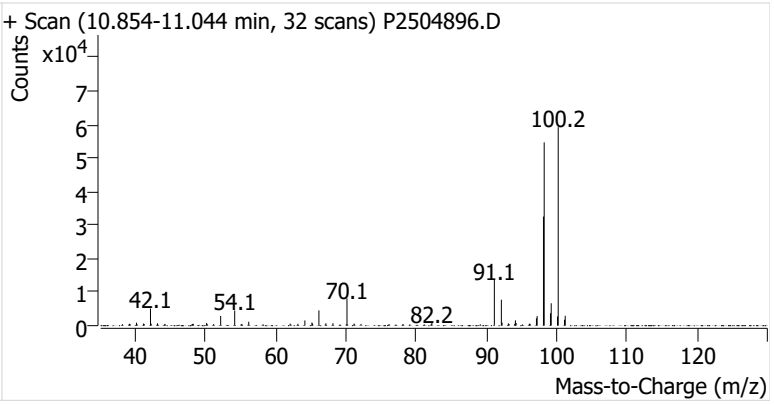
Benzene



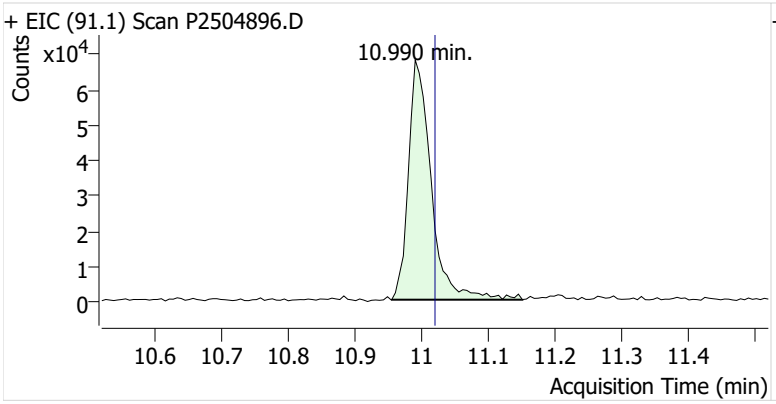


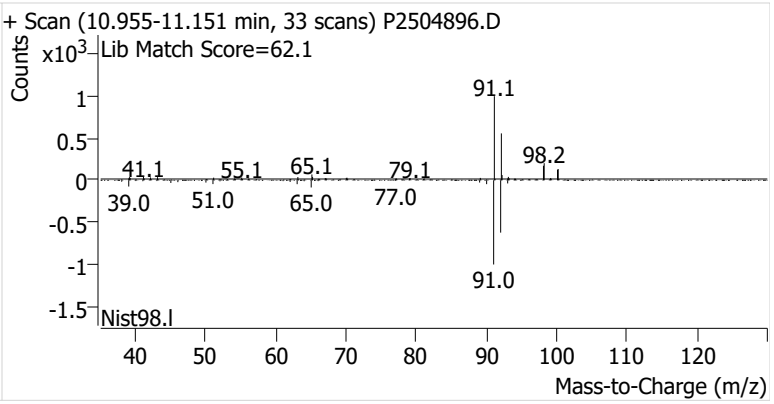
Toluene-d8 (IS)



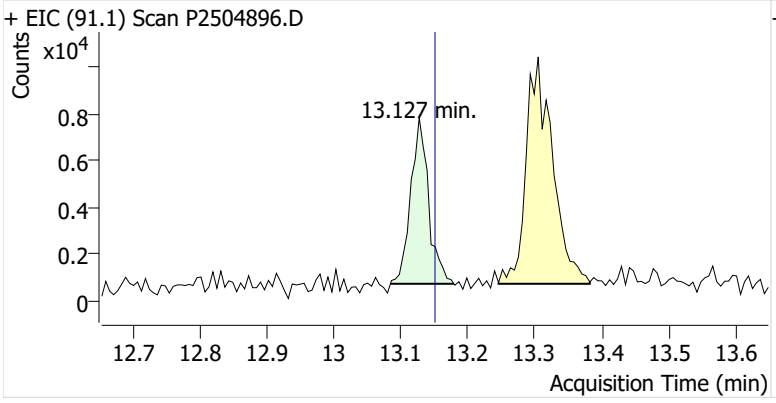


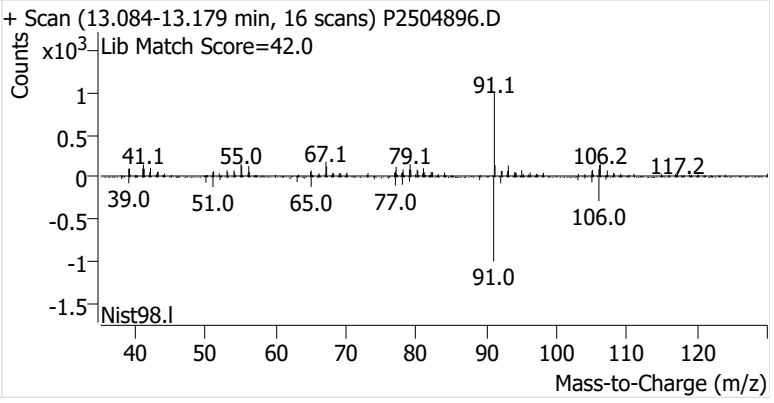
Toluene



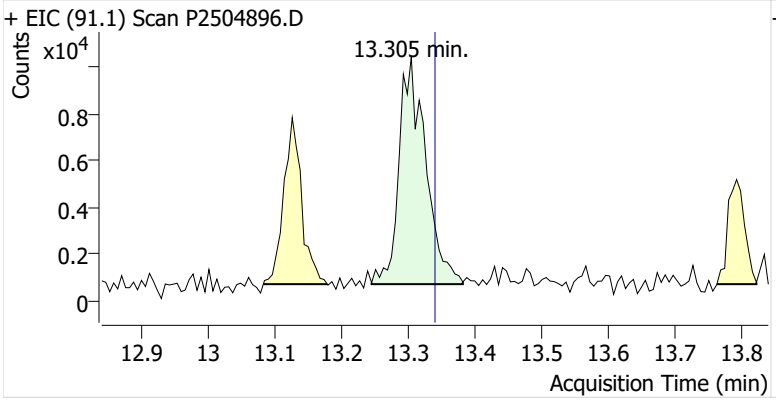


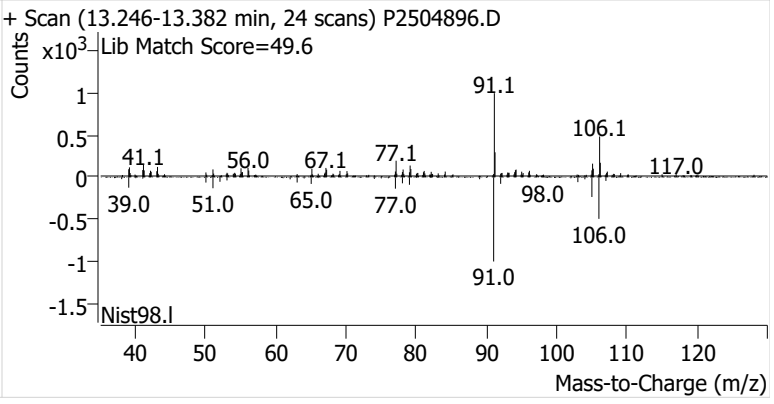
Ethylbenzene



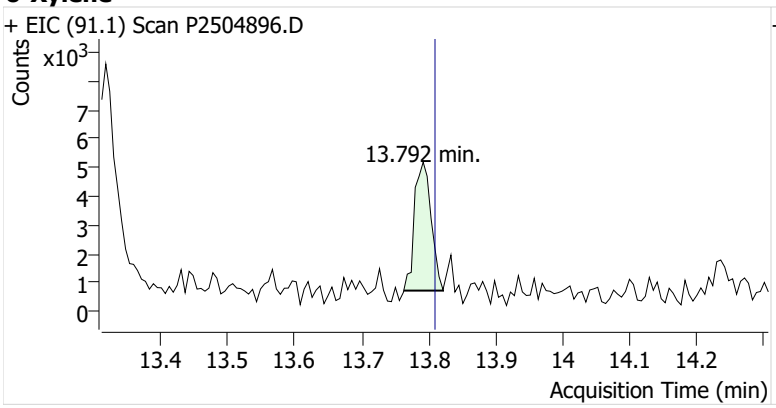


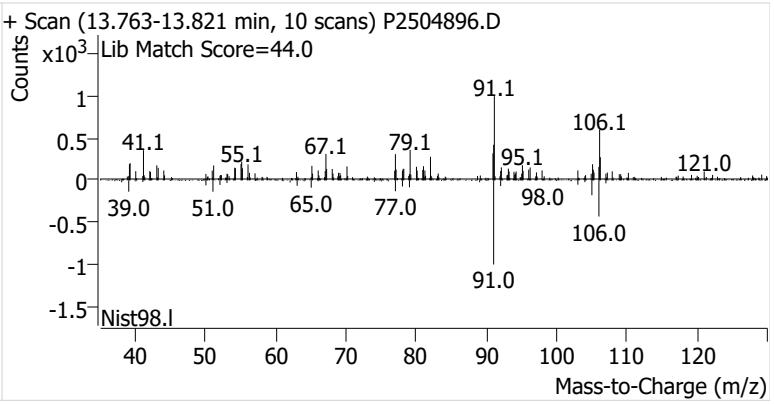
m-/p-Xylenes





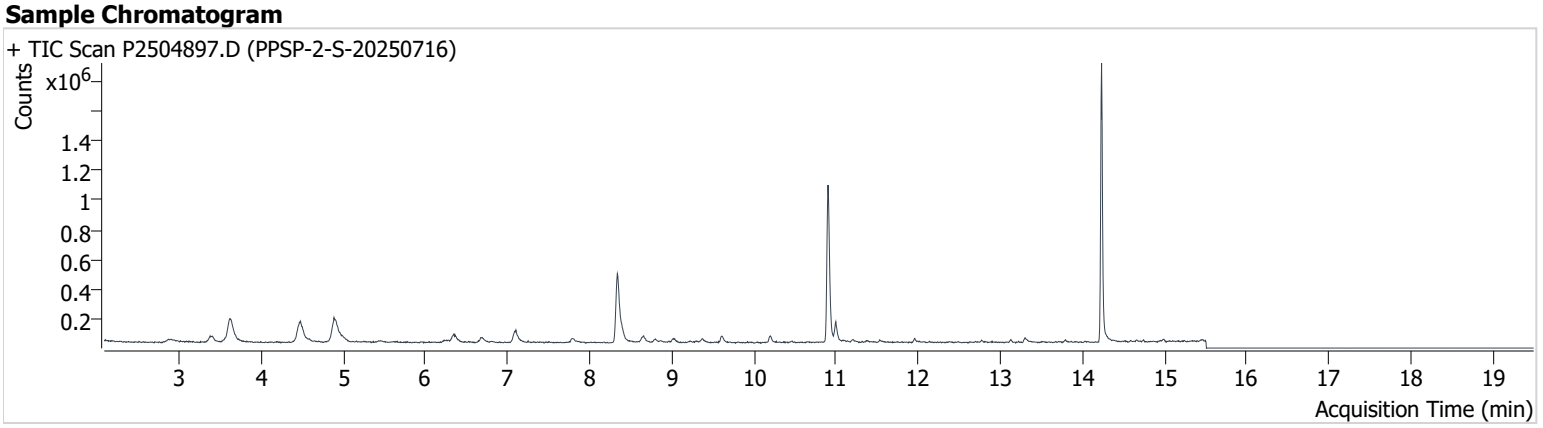
o-Xylene


+ EIC (91.1) Scan P2504896.D
Counts
x10^3
13.792 min.
Acquisition Time (min)


+ Scan (13.763-13.821 min, 10 scans) P2504896.D
Lib Match Score=44.0
Counts
x10^3
91.1
106.1
41.1
55.1
67.1
79.1
95.1
121.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

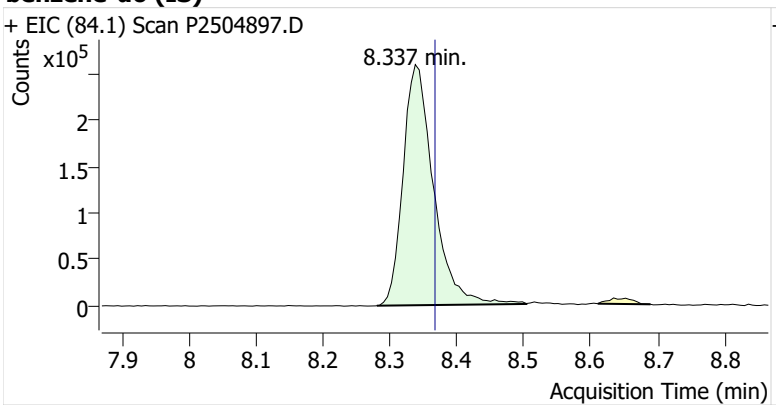
Name	PPSP-2-S-20250716
Comment	B14990
Data File	P2504897.D
Acq. Date-Time	8/2/2025 5:02:23 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

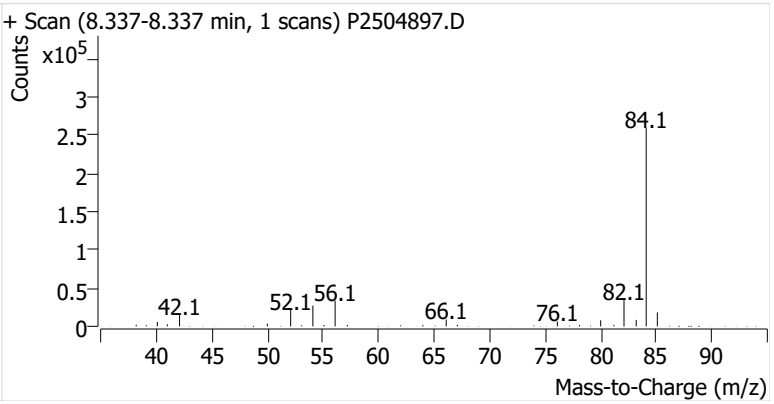
Sample Chromatogram



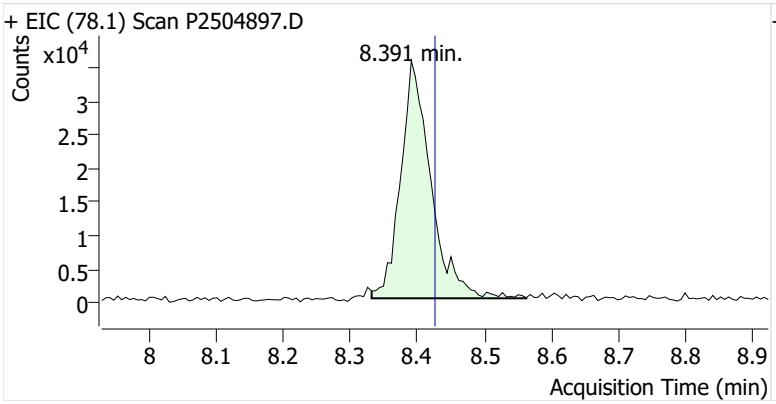
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	819,025	
Benzene	benzene-d6 (IS)	8.391	8.426	111,786	
Toluene-d8 (IS)		10.901	10.931	1,009,147	
Toluene	Toluene-d8 (IS)	10.996	11.020	106,106	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	13,593	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	27,158	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	9,137	

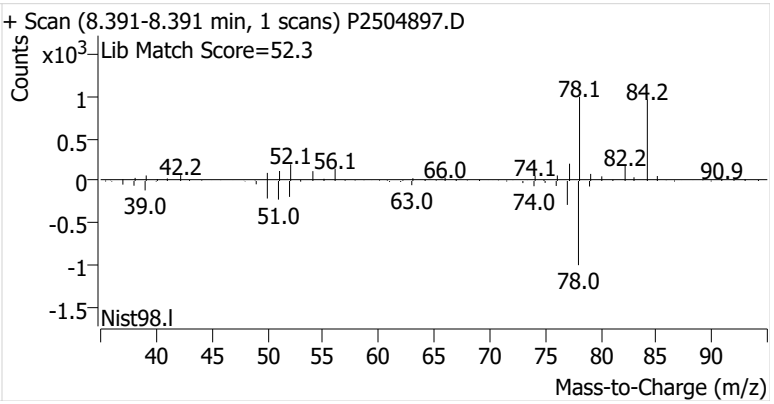
benzene-d6 (IS)



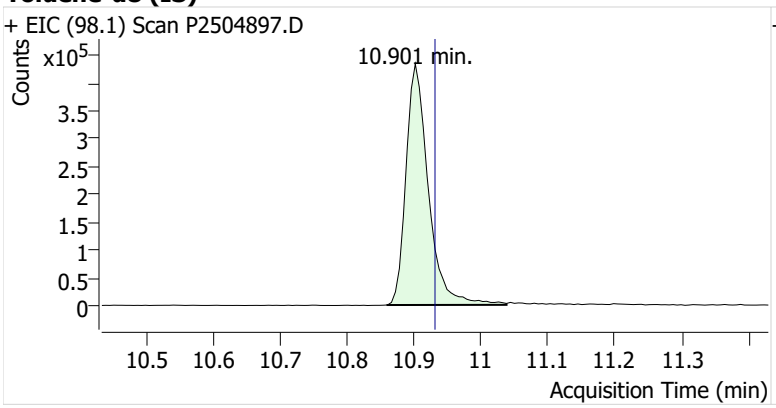


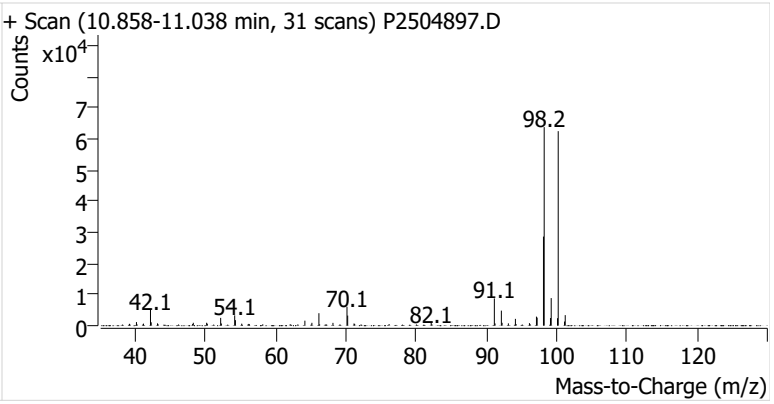
Benzene



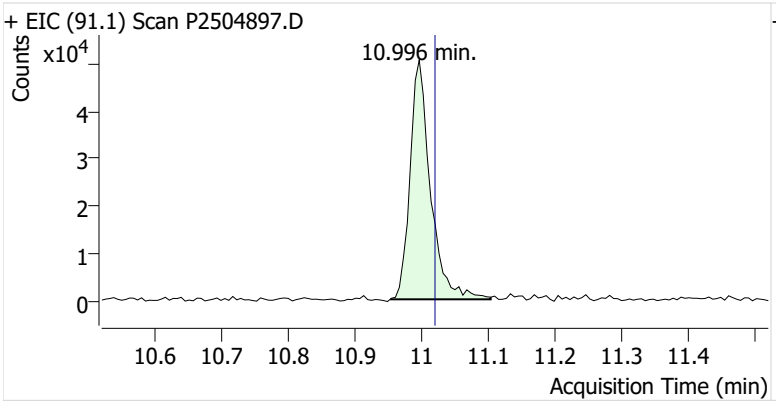


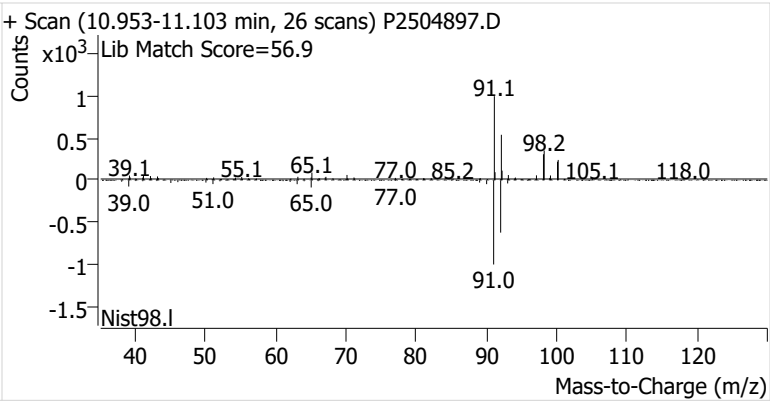
Toluene-d8 (IS)



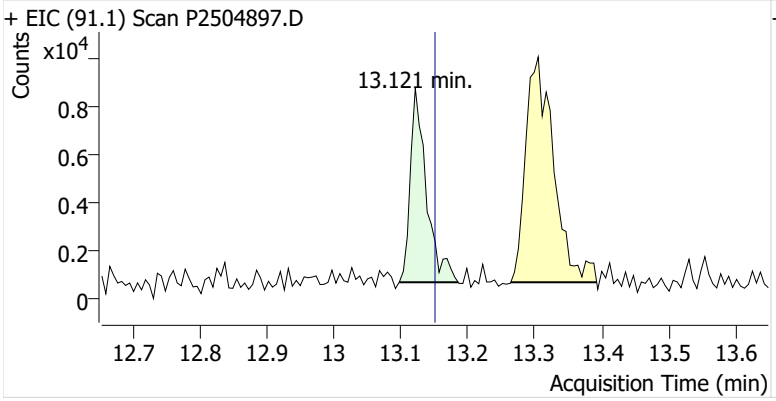


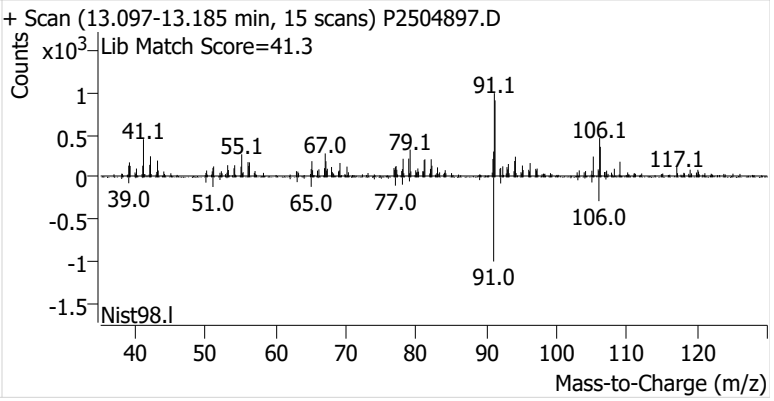
Toluene



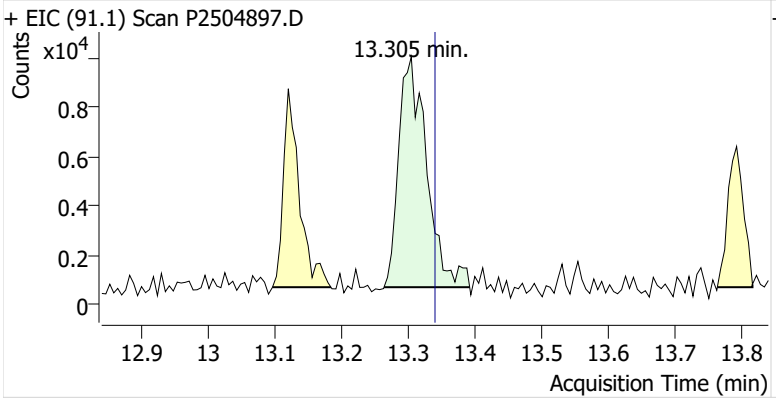


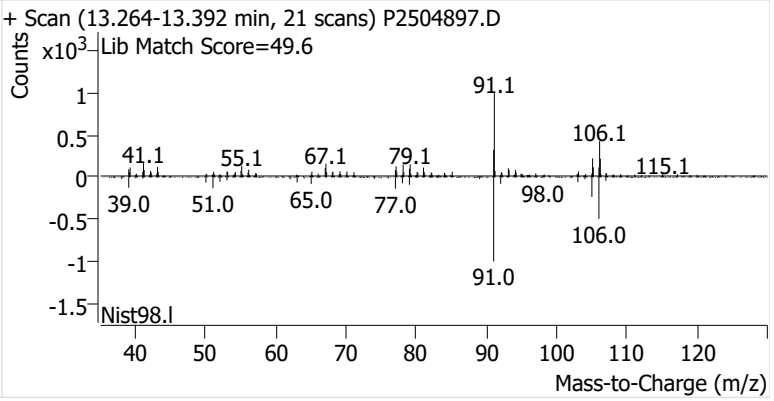
Ethylbenzene



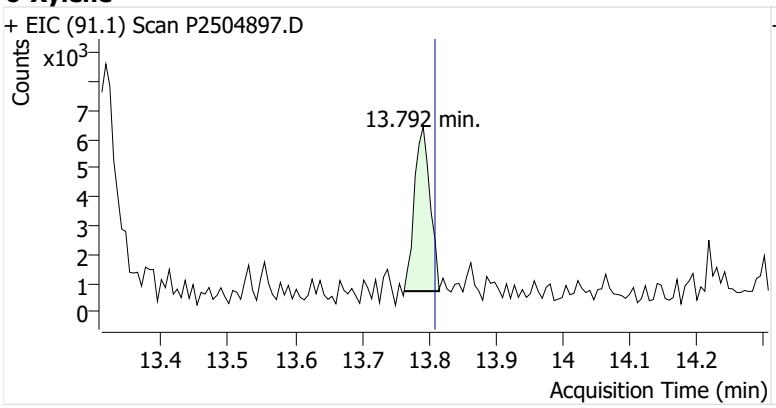


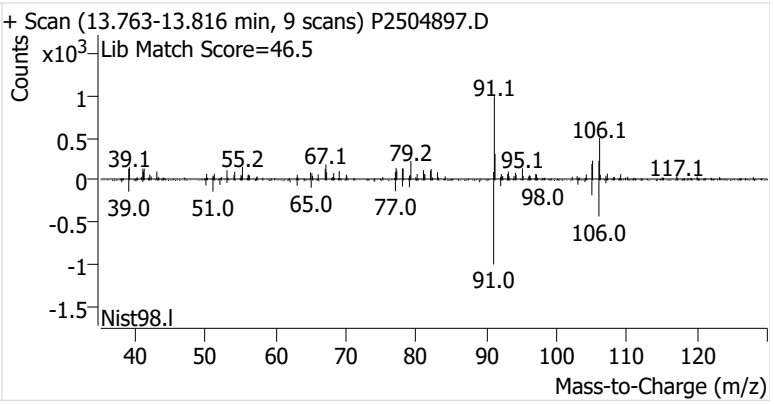
m-/p-Xylenes





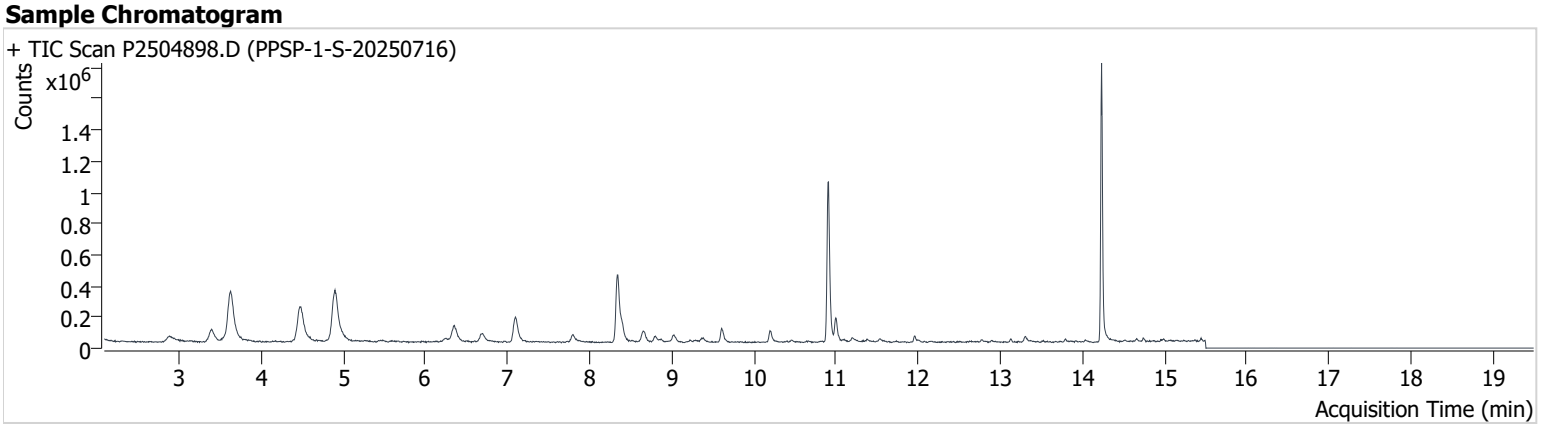
o-Xylene


+ EIC (91.1) Scan P2504897.D
Counts
x10^3
13.792 min.
Acquisition Time (min)


+ Scan (13.763-13.816 min, 9 scans) P2504897.D
Lib Match Score=46.5
Counts
x10^3
91.1
106.1
39.1
55.2
67.1
79.2
95.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

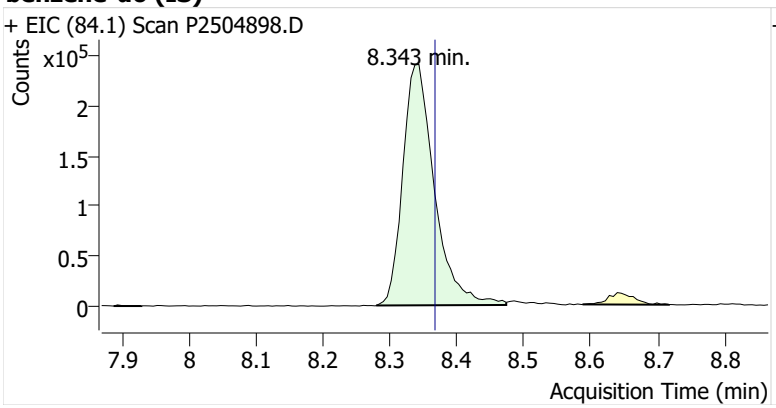
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Comment	C53574
Data File	P2504898.D
Acq. Date-Time	8/2/2025 5:39:41 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

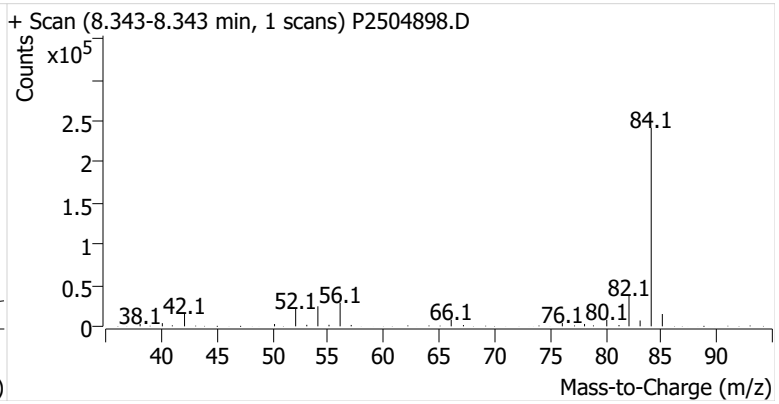
Sample Chromatogram



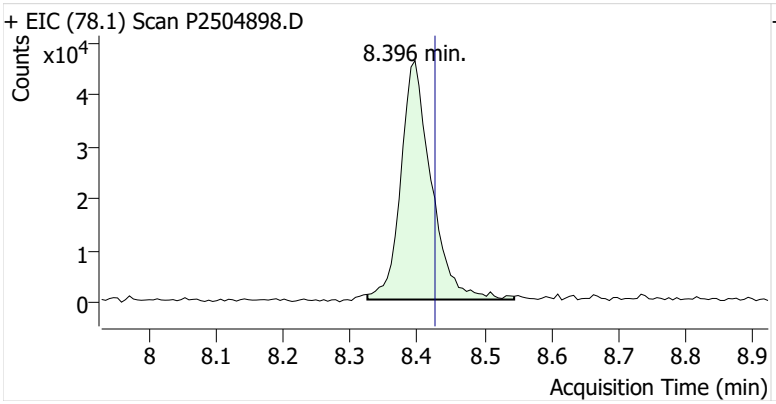
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	792,525	
Benzene	benzene-d6 (IS)	8.396	8.426	146,541	
Toluene-d8 (IS)		10.901	10.931	980,830	
Toluene	Toluene-d8 (IS)	10.996	11.020	140,984	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	11,578	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	31,858	
o-Xylene	Toluene-d8 (IS)	13.791	13.809	12,379	

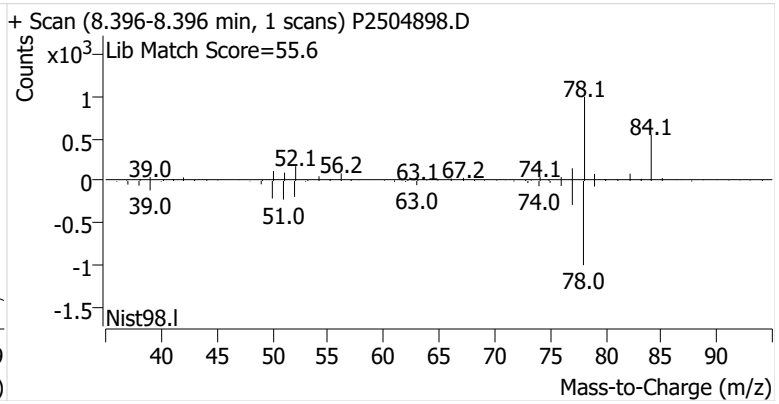
benzene-d6 (IS)



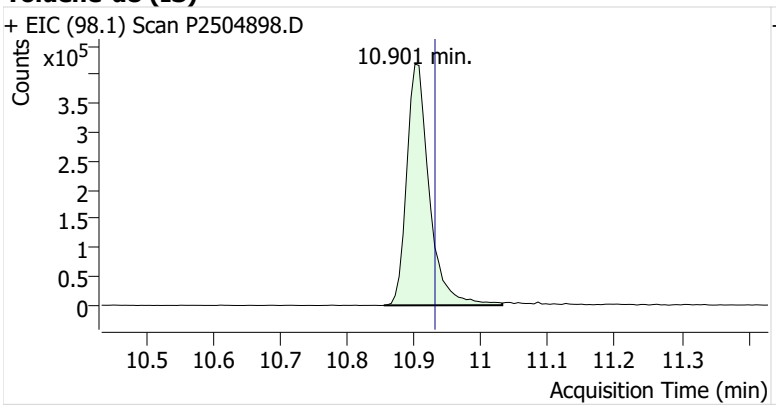


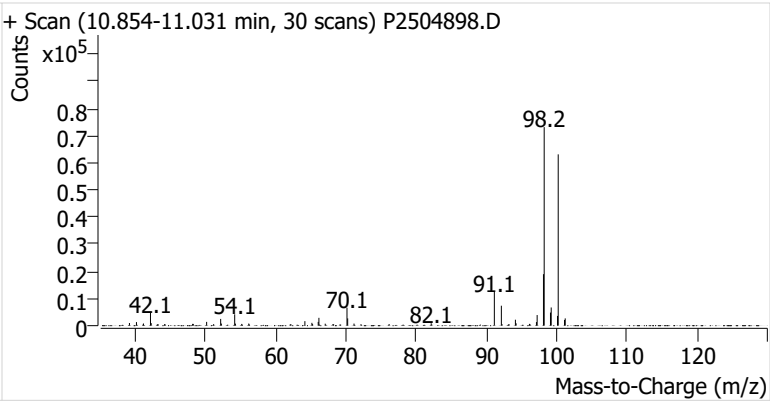
Benzene



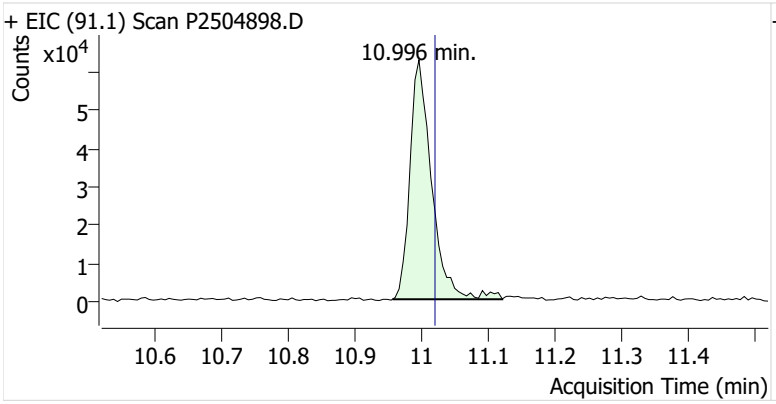


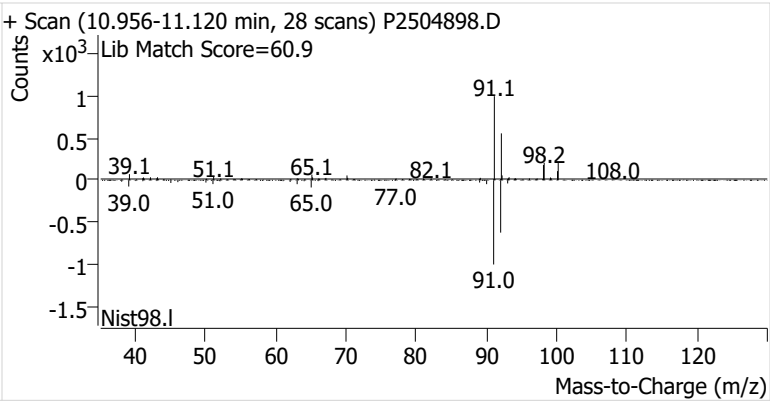
Toluene-d8 (IS)



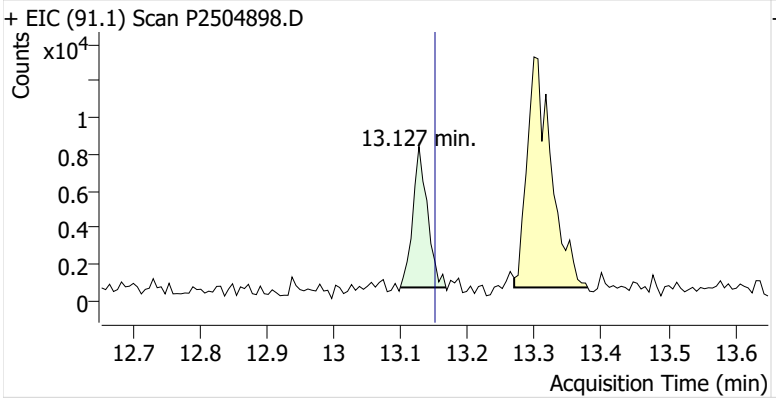


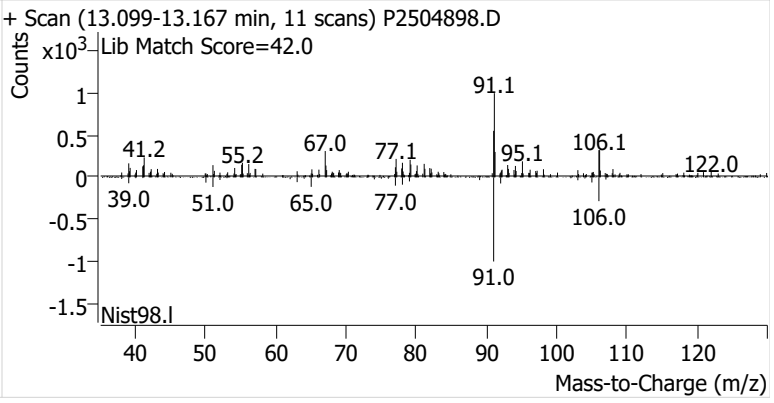
Toluene



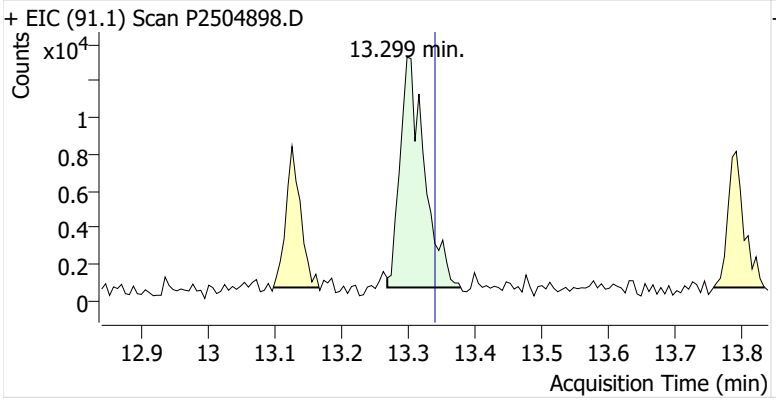


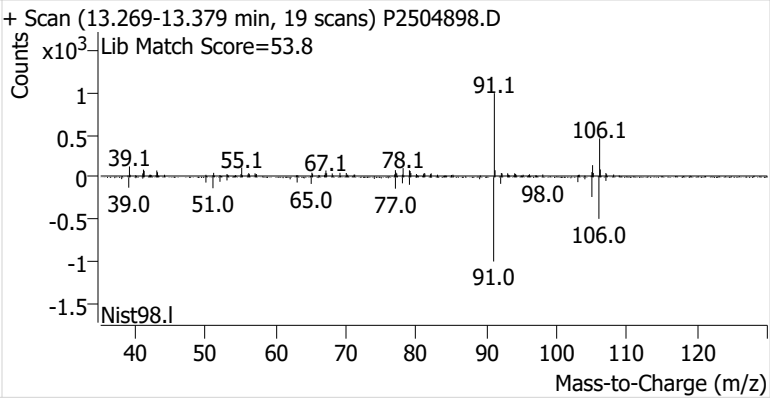
Ethylbenzene



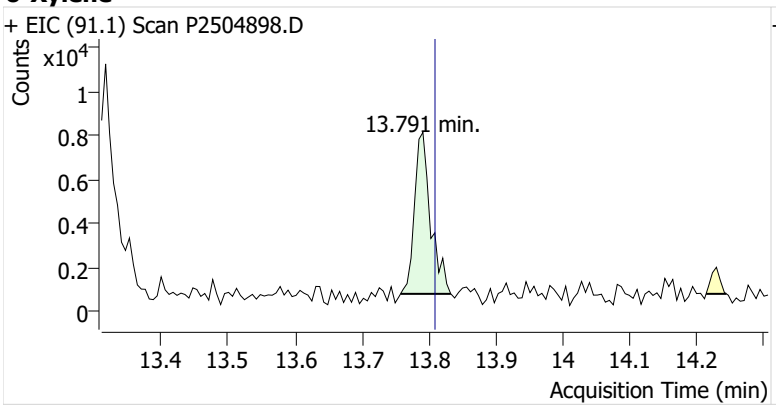


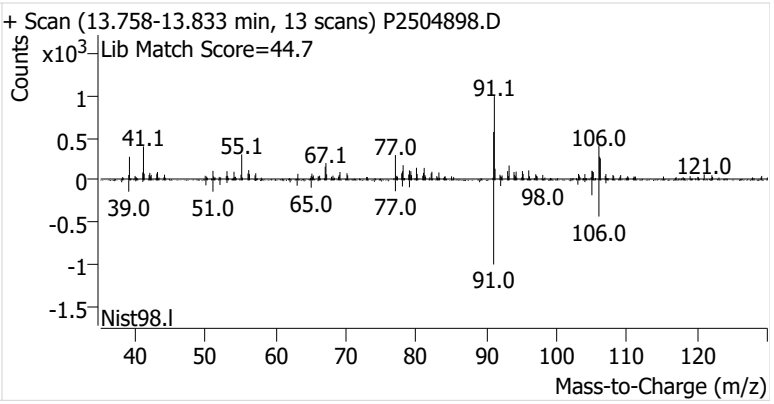
m-/p-Xylenes





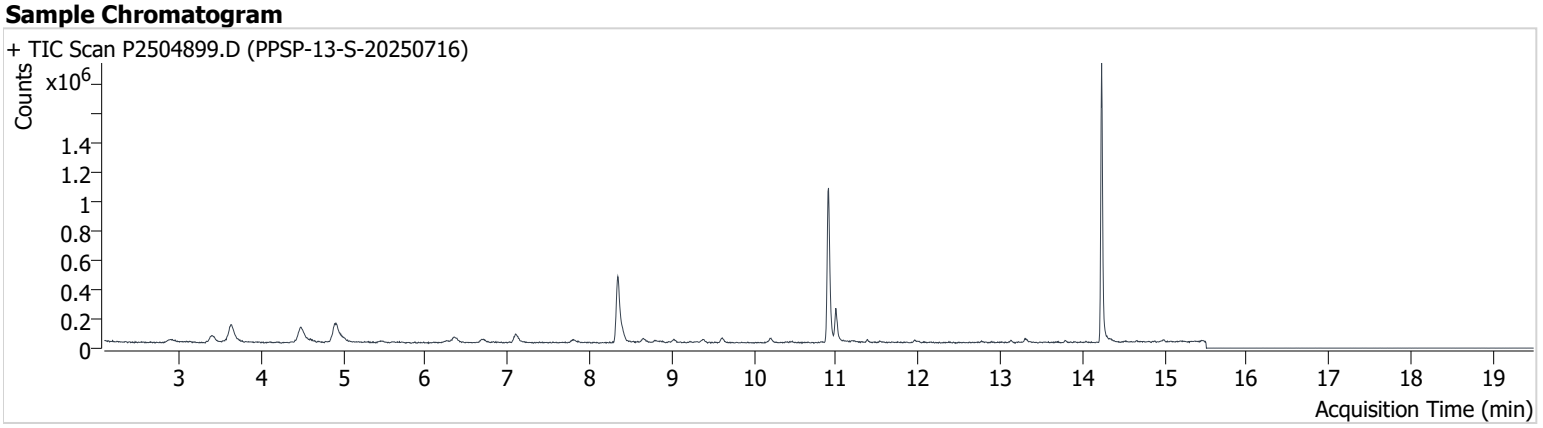
o-Xylene


+ EIC (91.1) Scan P2504898.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.791 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.758-13.833 min, 13 scans) P2504898.D
Counts
x10^3
Lib Match Score=44.7
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
77.0
106.0
121.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

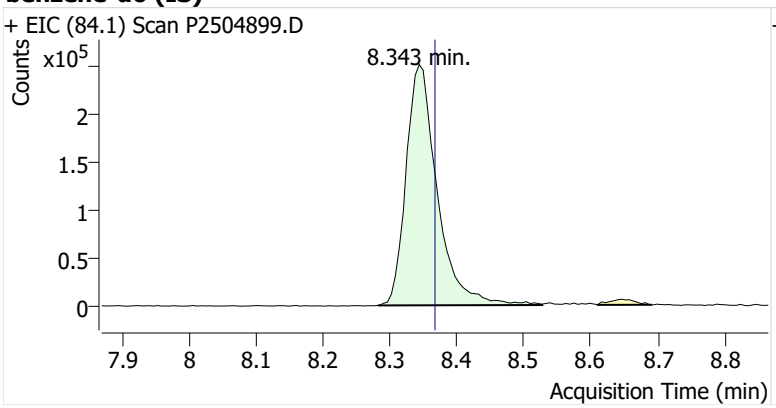
Name	PPSP-13-S-20250716
Comment	B14933
Data File	P2504899.D
Acq. Date-Time	8/2/2025 6:17:07 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

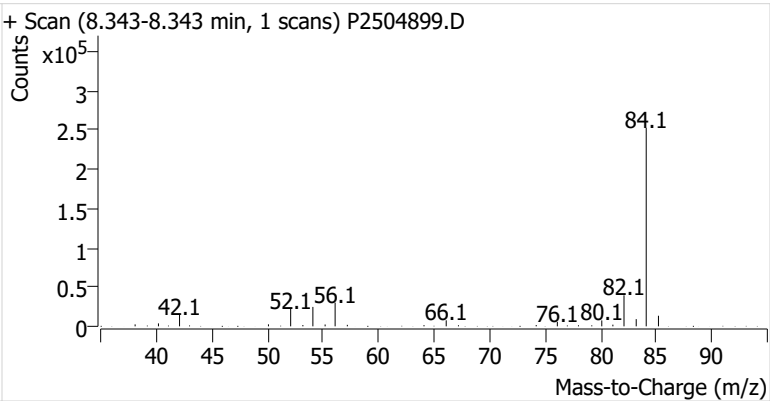
Sample Chromatogram



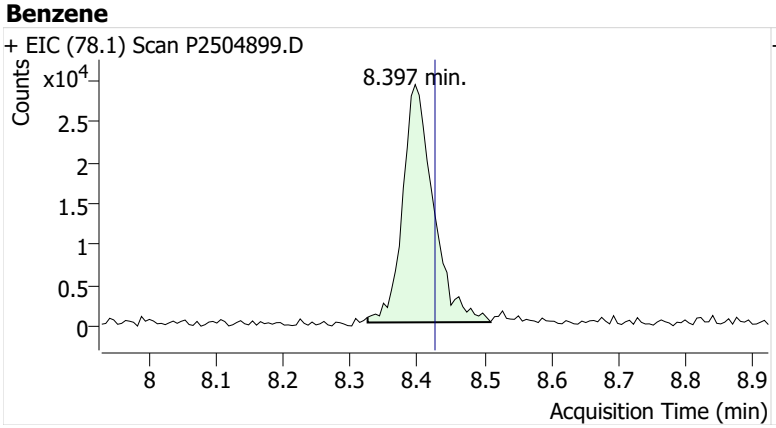
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	815,816	
Benzene	benzene-d6 (IS)	8.397	8.426	92,558	
Toluene-d8 (IS)		10.901	10.931	1,003,767	
Toluene	Toluene-d8 (IS)	10.996	11.020	202,667	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	11,992	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	22,078	m
o-Xylene	Toluene-d8 (IS)	13.786	13.809	9,232	

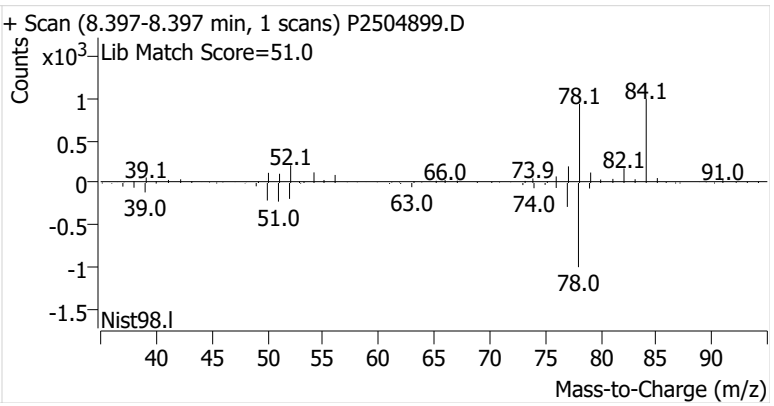
benzene-d6 (IS)



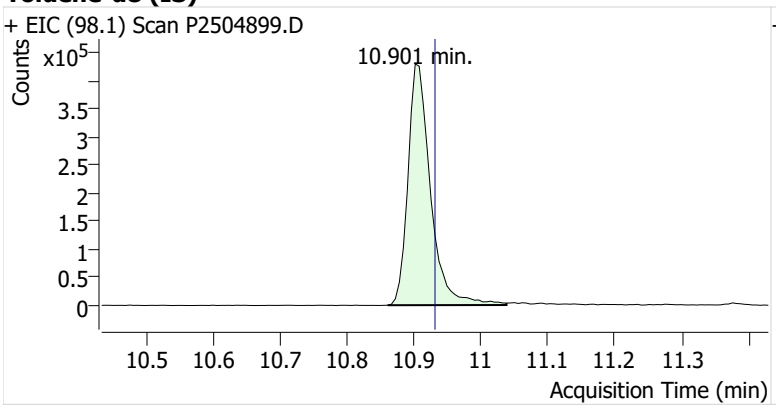


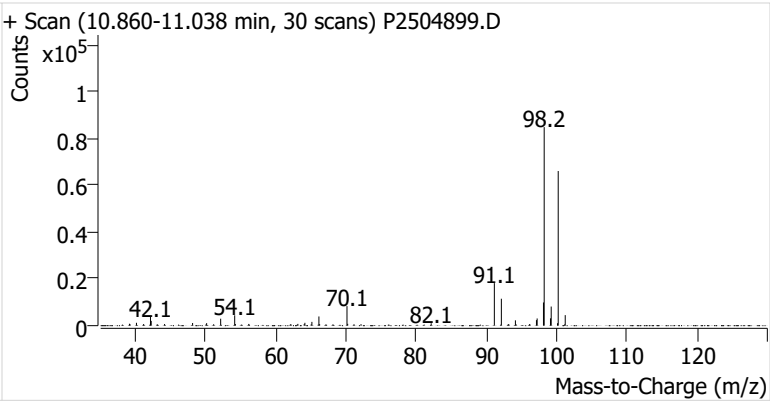
Benzene



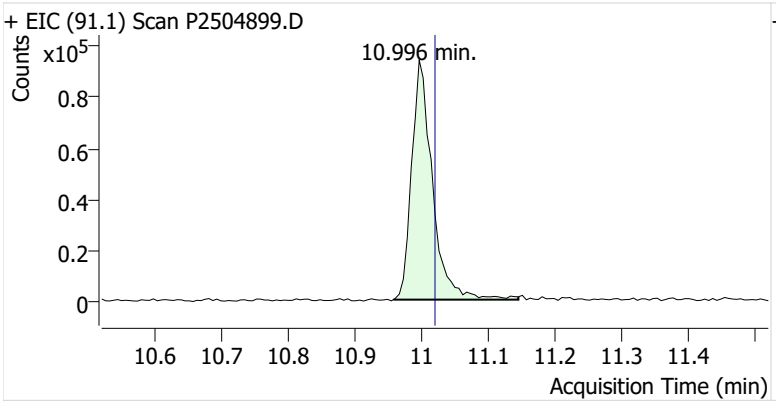


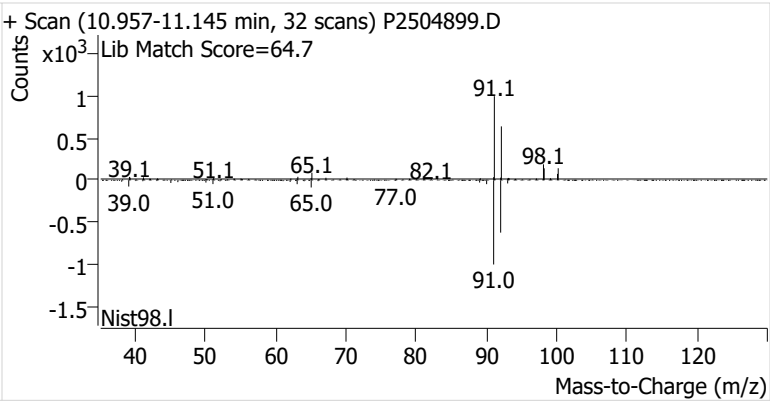
Toluene-d8 (IS)



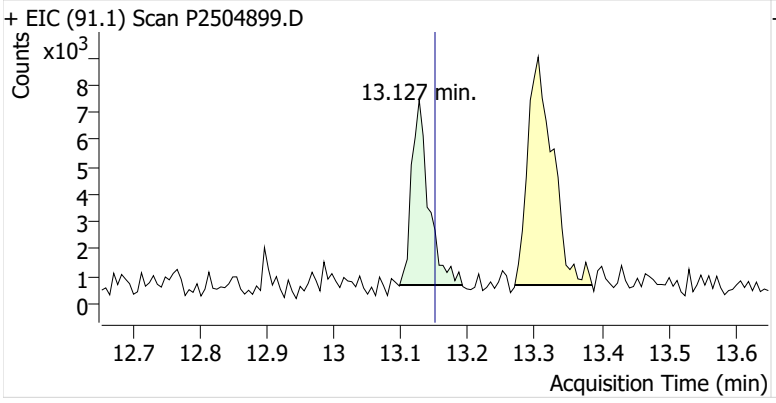


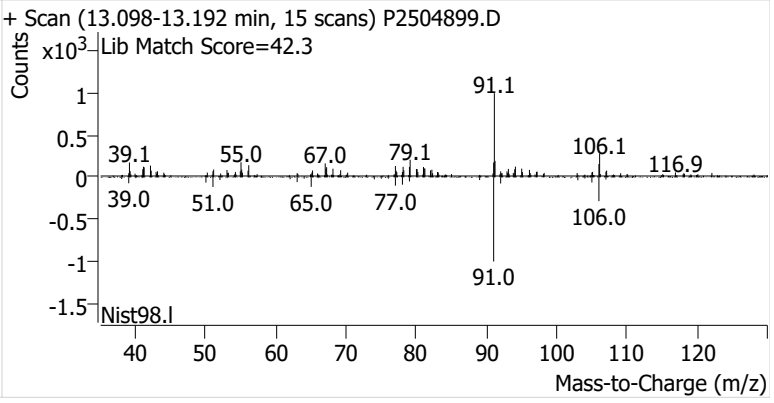
Toluene



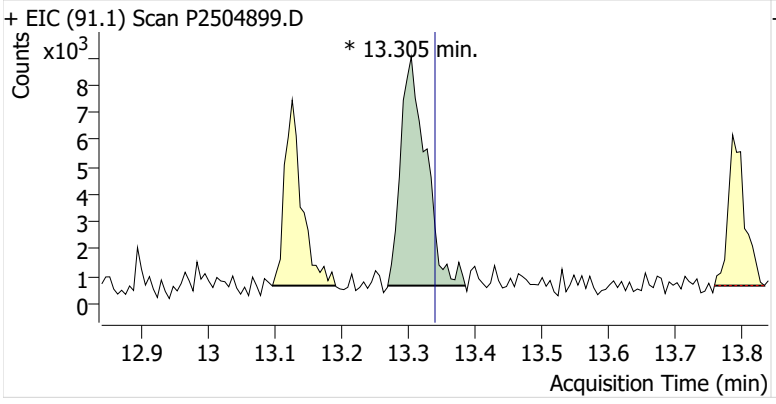


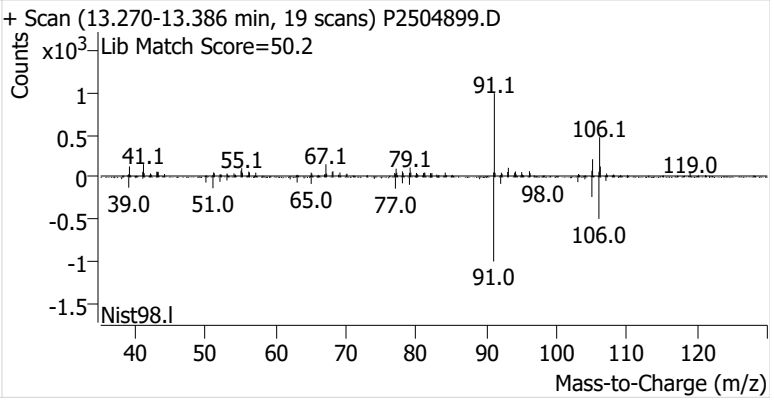
Ethylbenzene



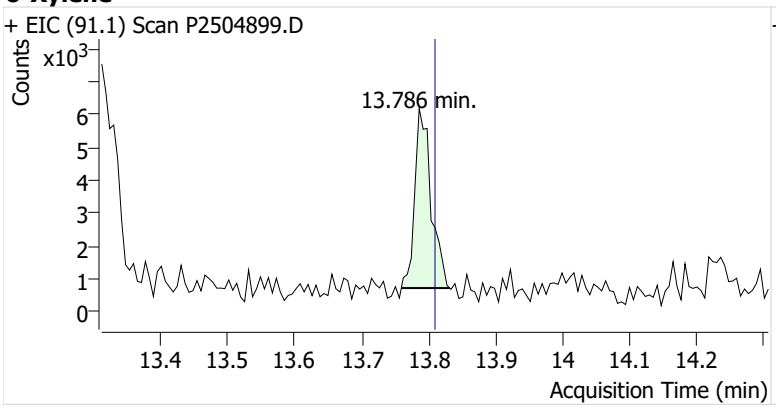


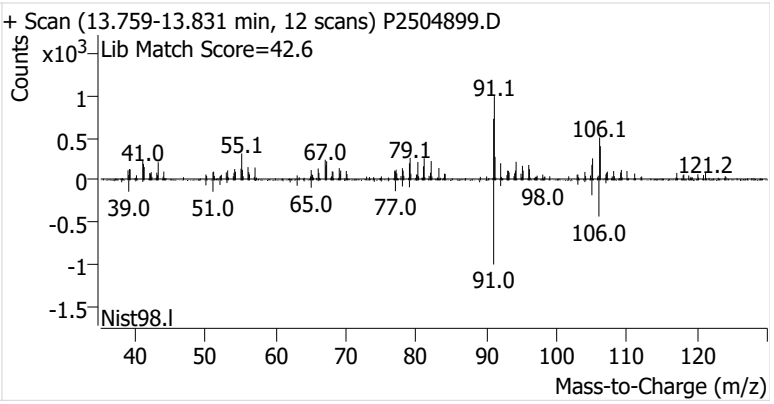
m-/p-Xylenes





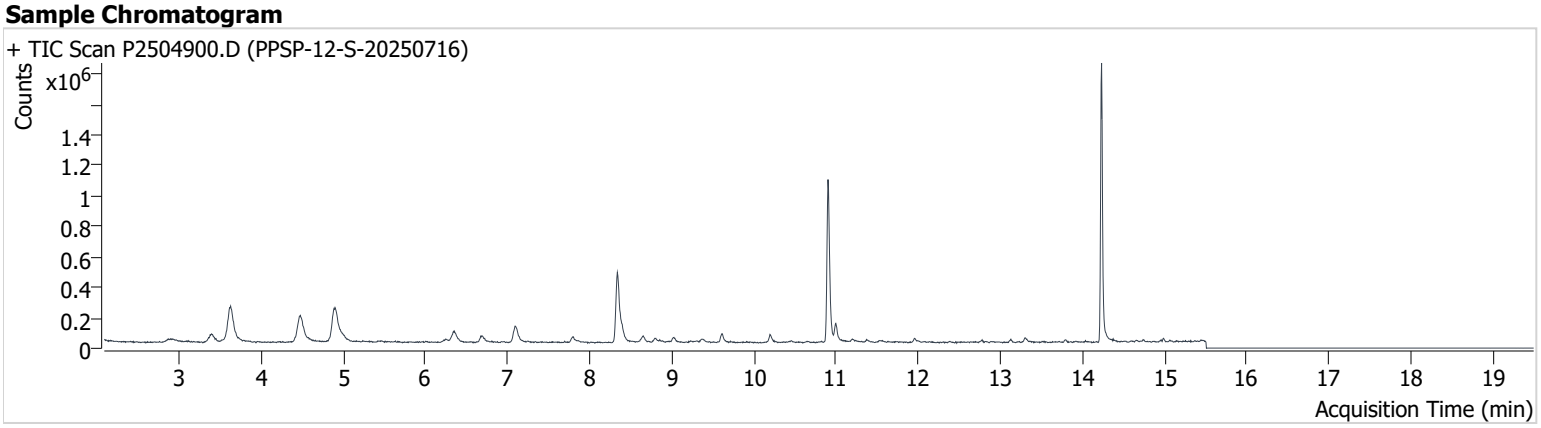
o-Xylene


+ EIC (91.1) Scan P2504899.D
Counts
x10^3
13.786 min.
Acquisition Time (min)


+ Scan (13.759-13.831 min, 12 scans) P2504899.D
Lib Match Score=42.6
Counts
x10^3
91.1
106.1
41.0
55.1
67.0
79.1
121.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

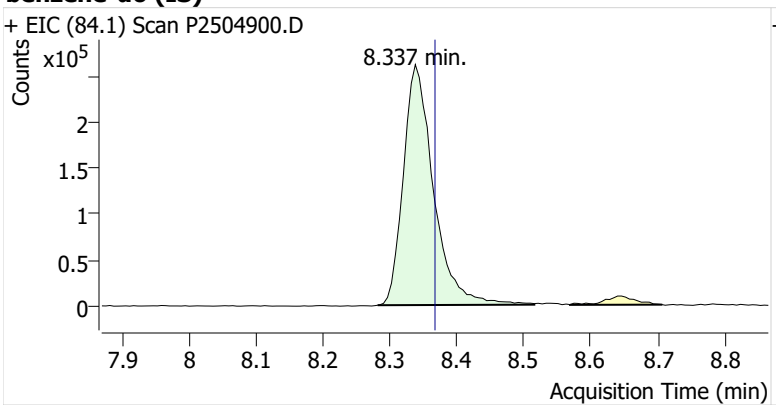
Name	PPSP-12-S-20250716
Comment	B15112
Data File	P2504900.D
Acq. Date-Time	8/2/2025 6:54:25 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

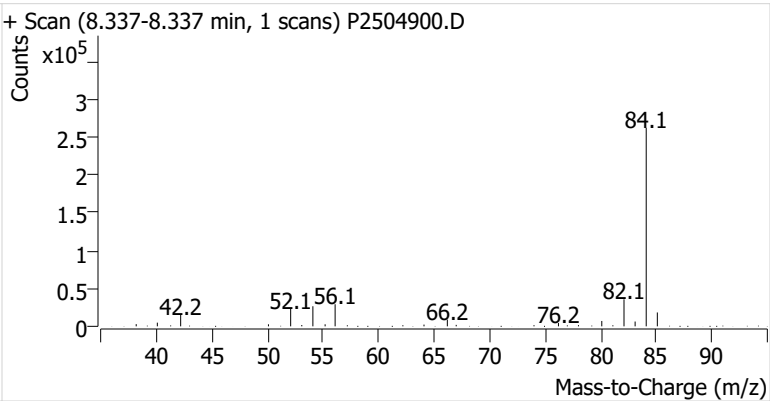
Sample Chromatogram



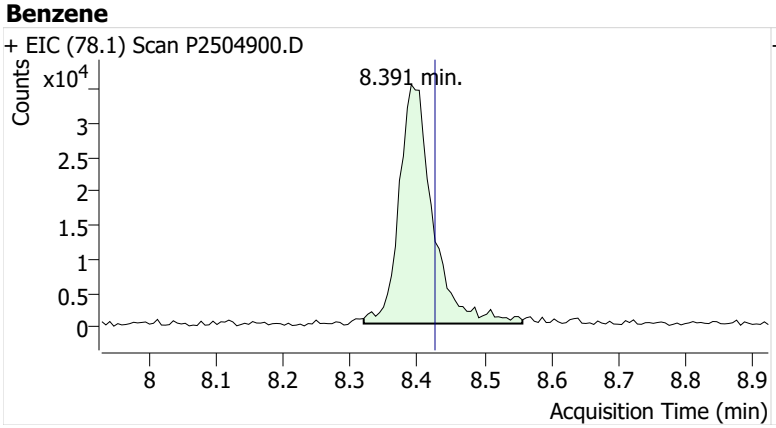
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	819,661	
Benzene	benzene-d6 (IS)	8.391	8.426	123,661	
Toluene-d8 (IS)		10.901	10.931	991,451	
Toluene	Toluene-d8 (IS)	10.996	11.020	105,831	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	14,217	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	24,181	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	10,384	

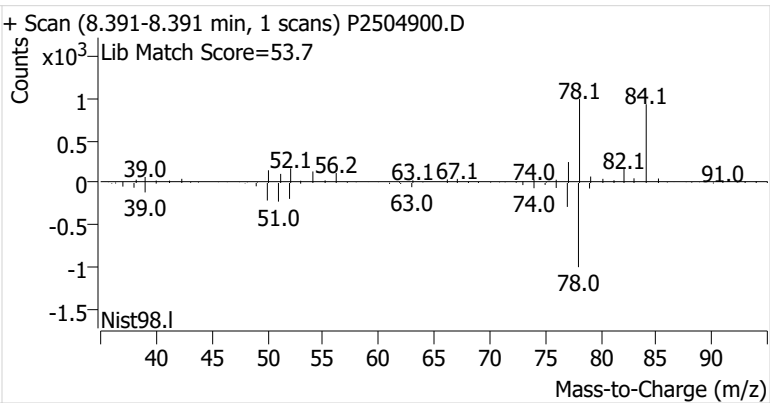
benzene-d6 (IS)



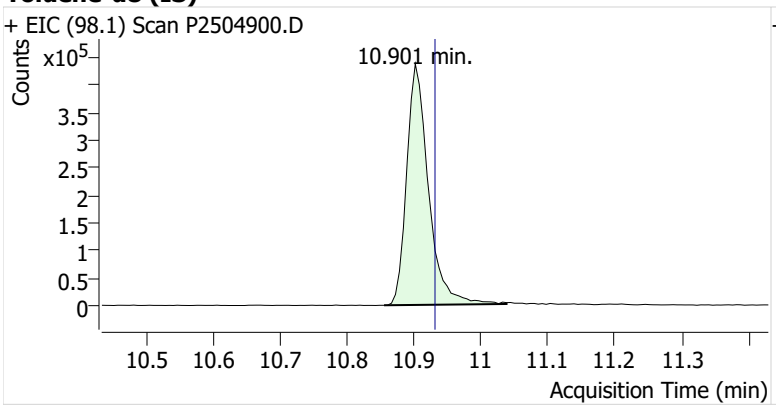


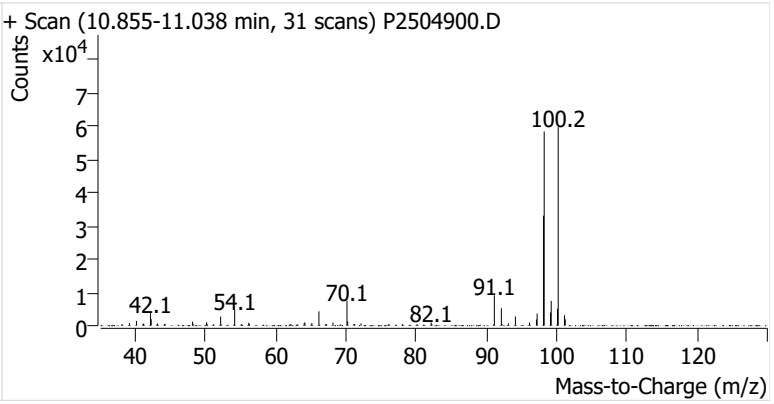
Benzene



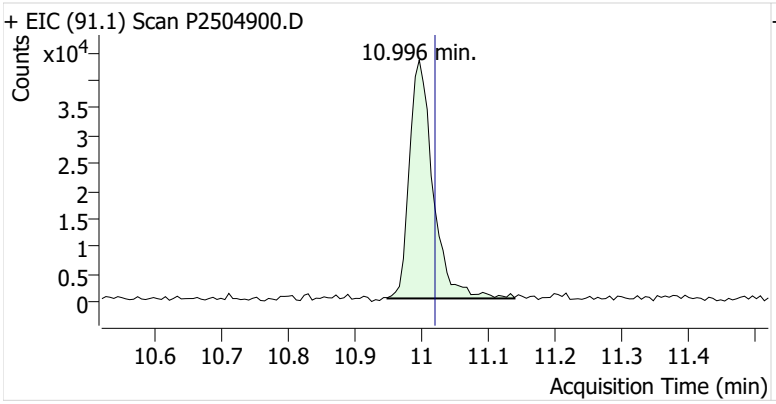


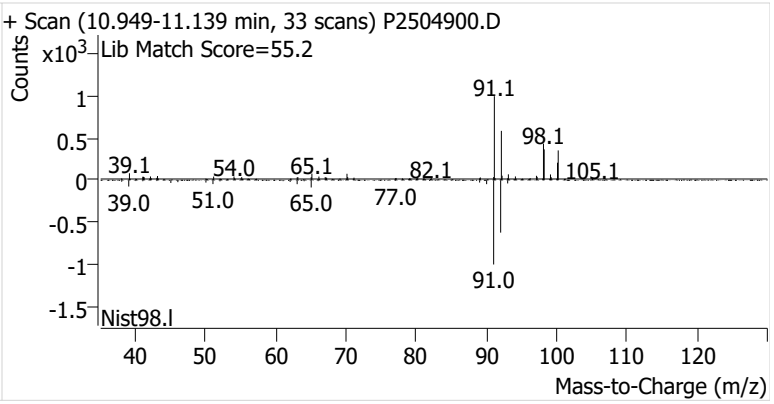
Toluene-d8 (IS)



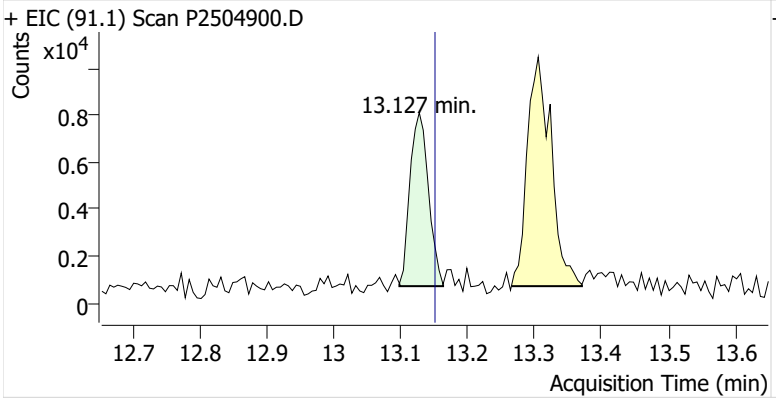


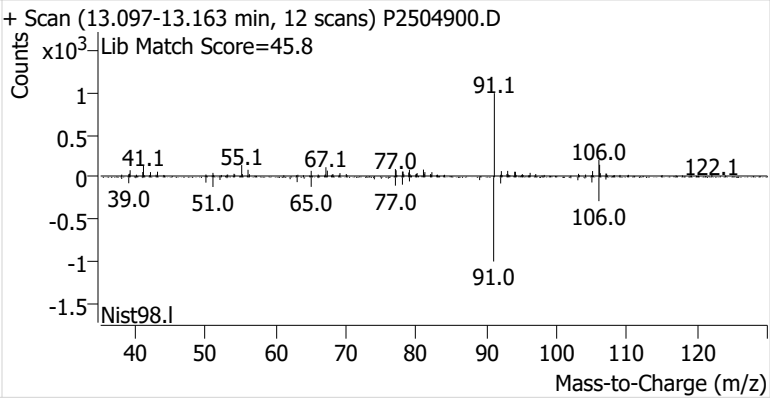
Toluene



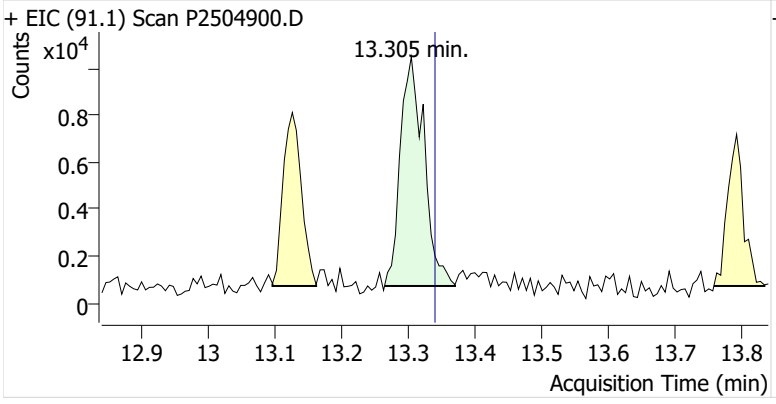


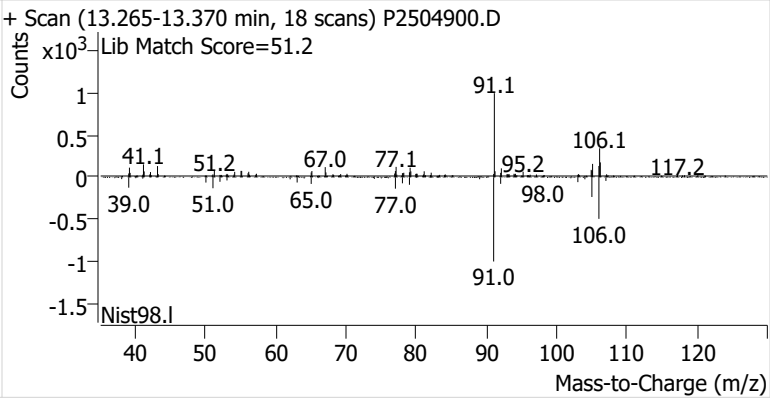
Ethylbenzene



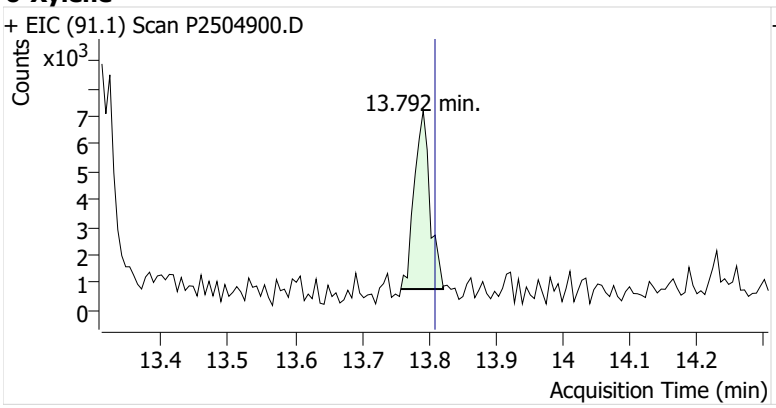


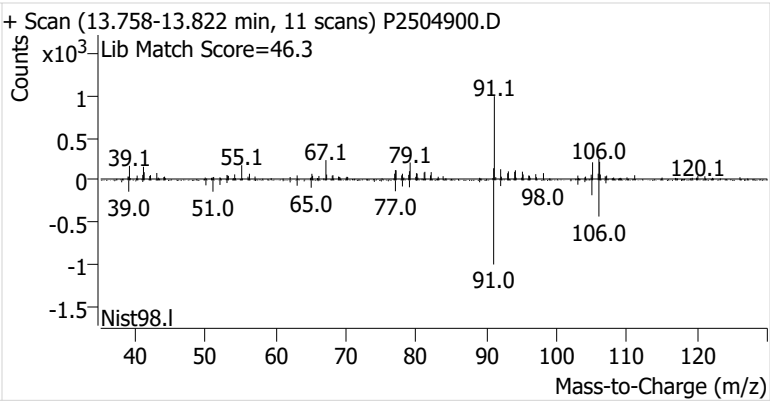
m-/p-Xylenes





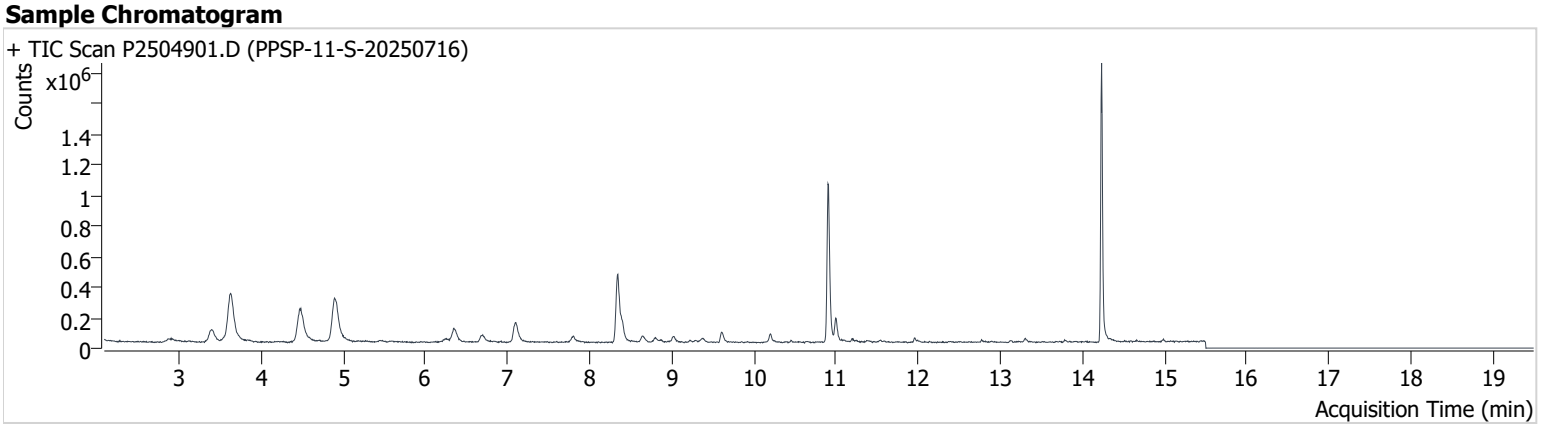
o-Xylene


+ EIC (91.1) Scan P2504900.D
Counts
x10^3
13.792 min.
Acquisition Time (min)


+ Scan (13.758-13.822 min, 11 scans) P2504900.D
Lib Match Score=46.3
Counts
x10^3
91.1
39.1
55.1
67.1
79.1
106.0
120.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

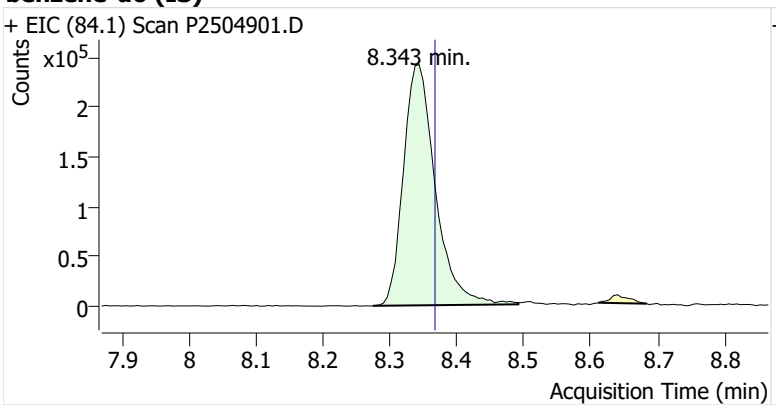
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Comment	B47140
Data File	P2504901.D
Acq. Date-Time	8/2/2025 7:31:42 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

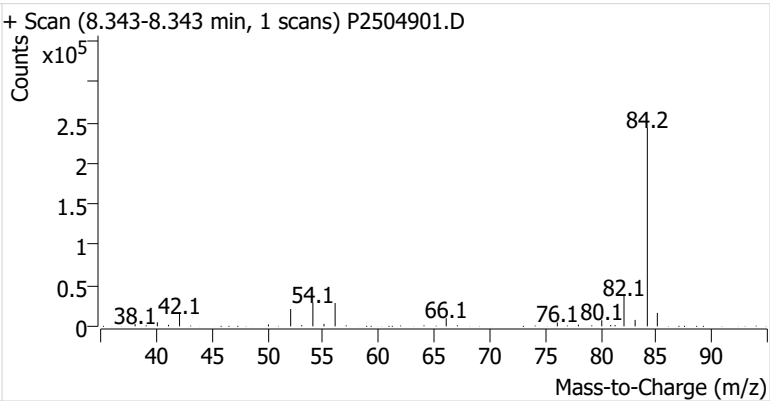
Sample Chromatogram



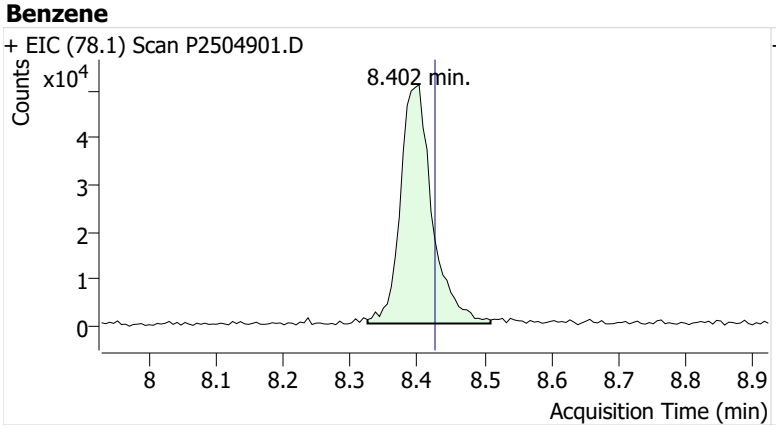
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	807,181	
Benzene	benzene-d6 (IS)	8.402	8.426	168,303	
Toluene-d8 (IS)		10.901	10.931	989,420	
Toluene	Toluene-d8 (IS)	10.996	11.020	145,059	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	10,547	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	20,576	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	9,093	

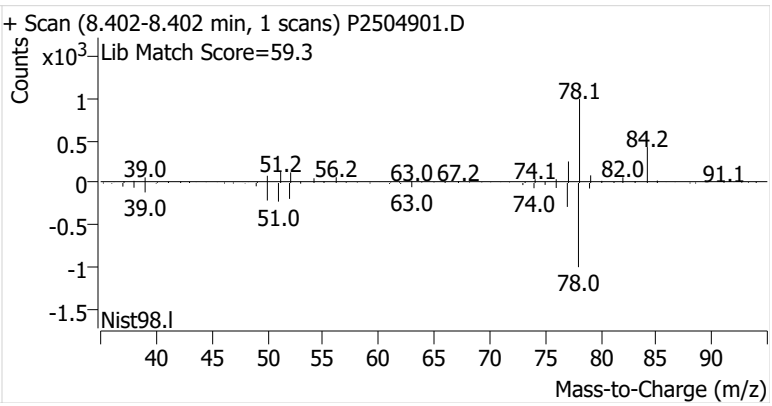
benzene-d6 (IS)



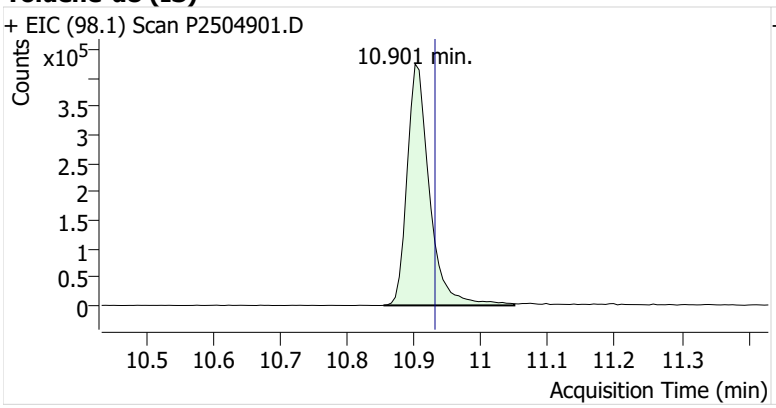


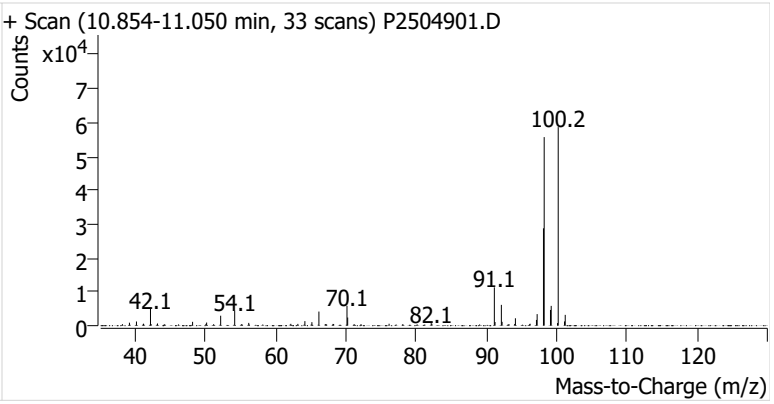
Benzene



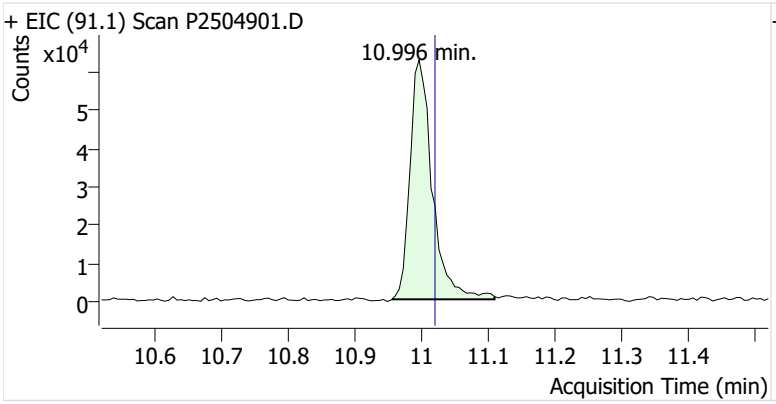


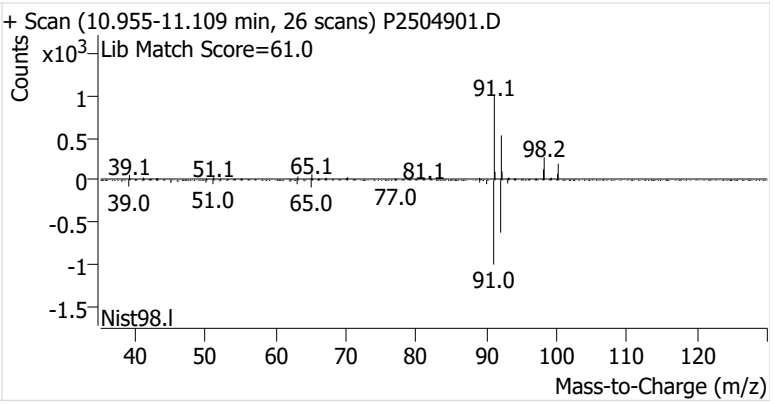
Toluene-d8 (IS)



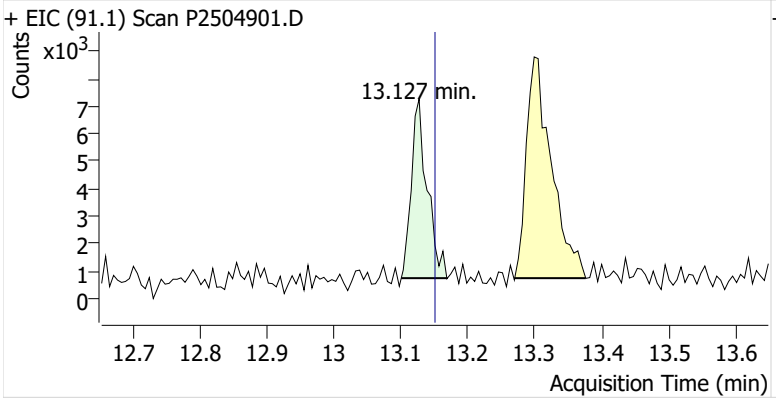


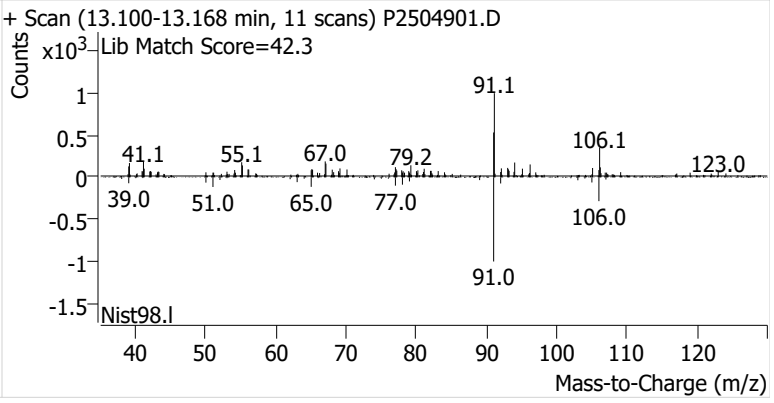
Toluene



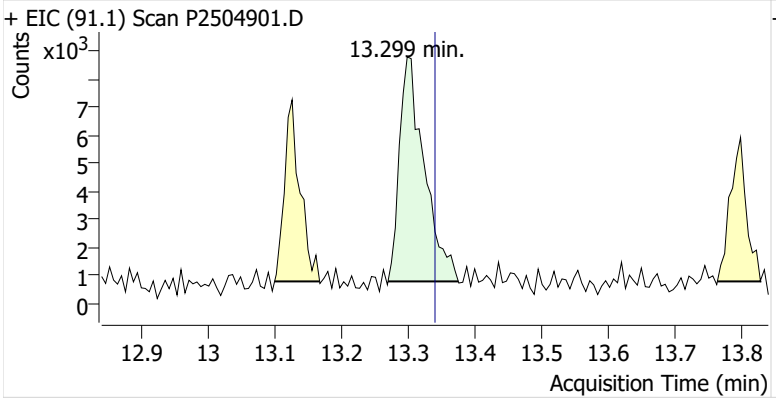


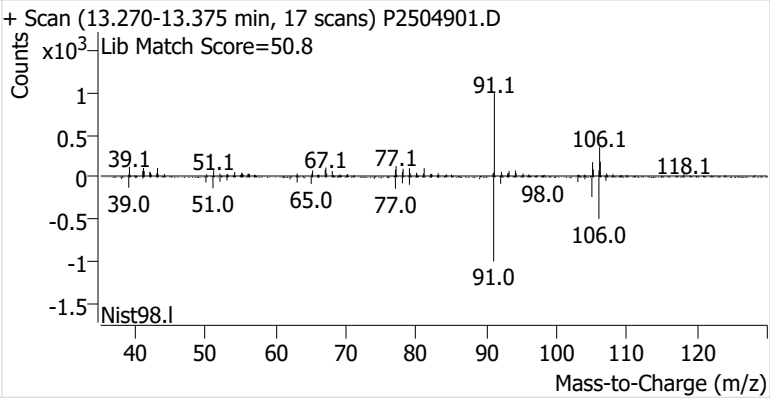
Ethylbenzene



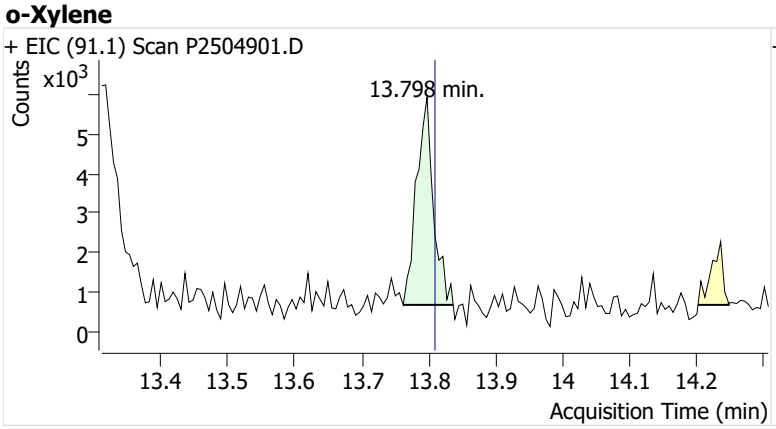


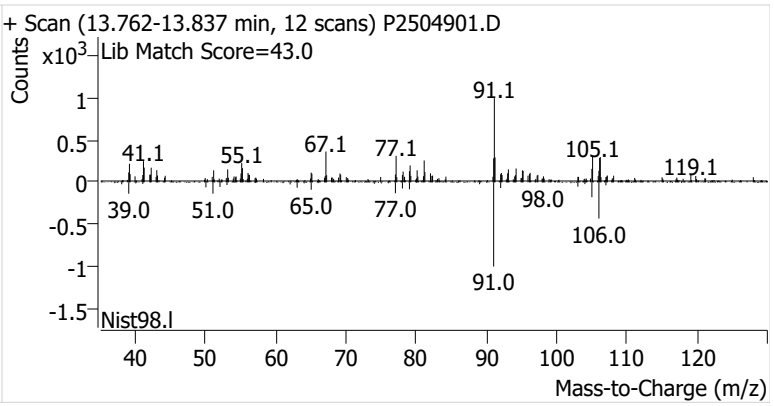
m-/p-Xylenes





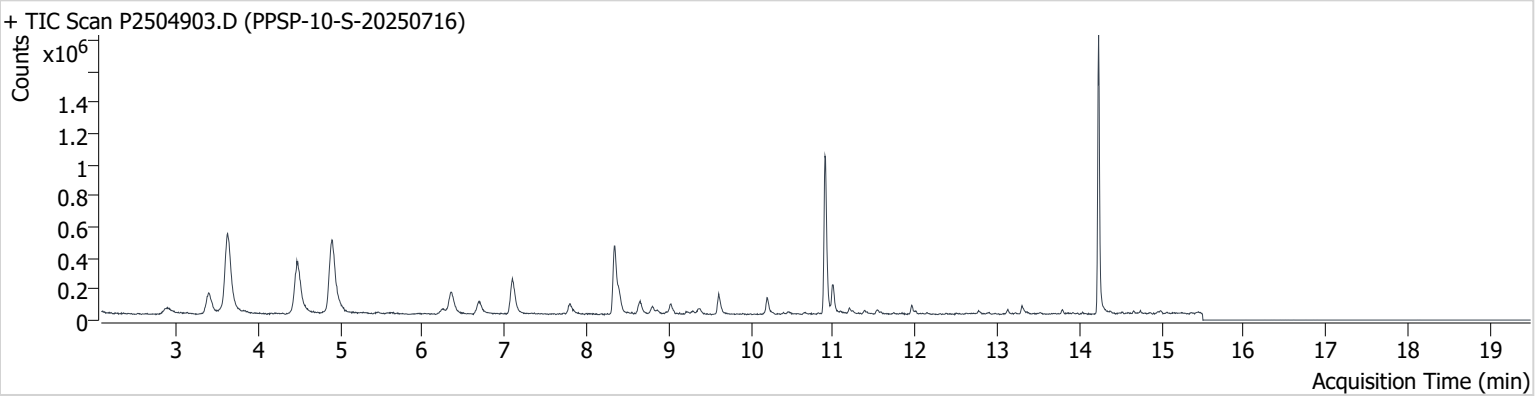
o-Xylene


+ EIC (91.1) Scan P2504901.D
Counts
x10^3
13.798 min.
Acquisition Time (min)


+ Scan (13.762-13.837 min, 12 scans) P2504901.D
Counts
x10^3
Lib Match Score=43.0
91.1
41.1
55.1
67.1
77.1
105.1
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

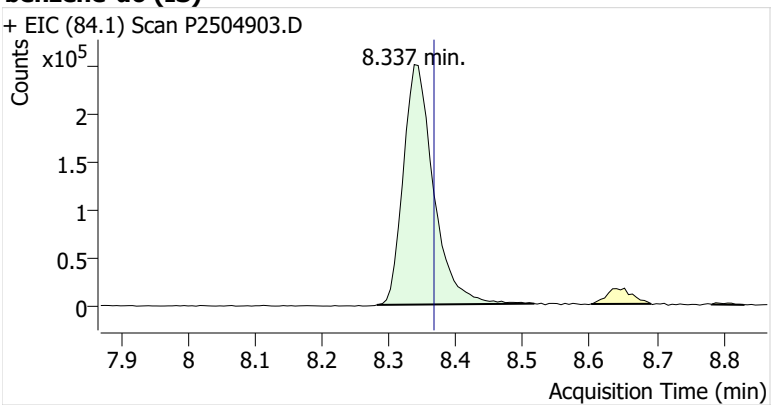
Name	PPSP-10-S-20250716
Comment	C36875
Data File	P2504903.D
Acq. Date-Time	8/2/2025 8:46:15 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

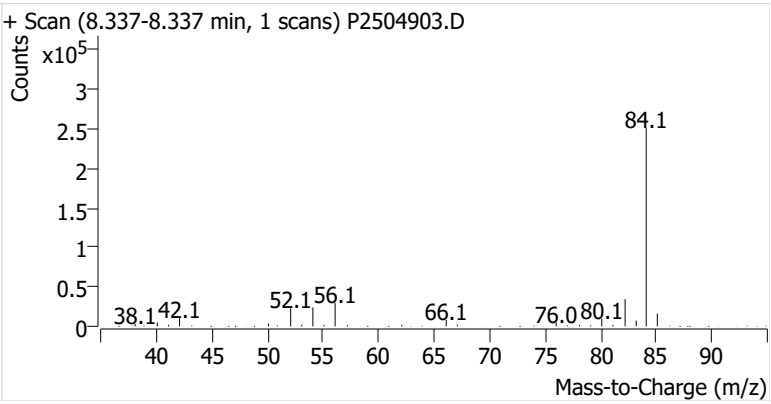
Sample Chromatogram



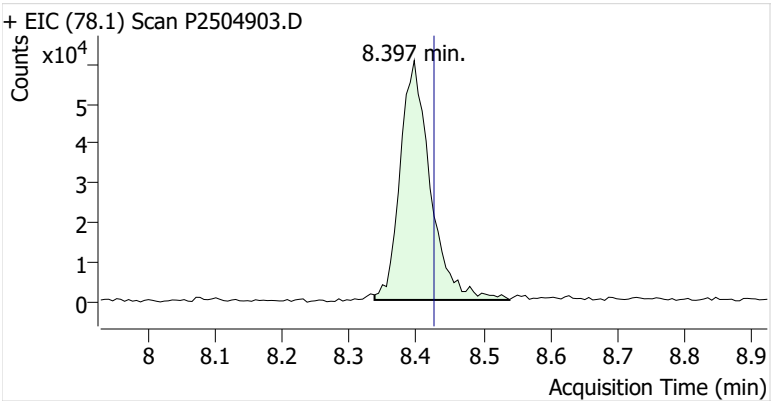
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	784,712	
Benzene	benzene-d6 (IS)	8.397	8.426	189,834	
Toluene-d8 (IS)		10.901	10.931	984,568	
Toluene	Toluene-d8 (IS)	11.002	11.020	185,390	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	21,545	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	47,163	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	18,190	

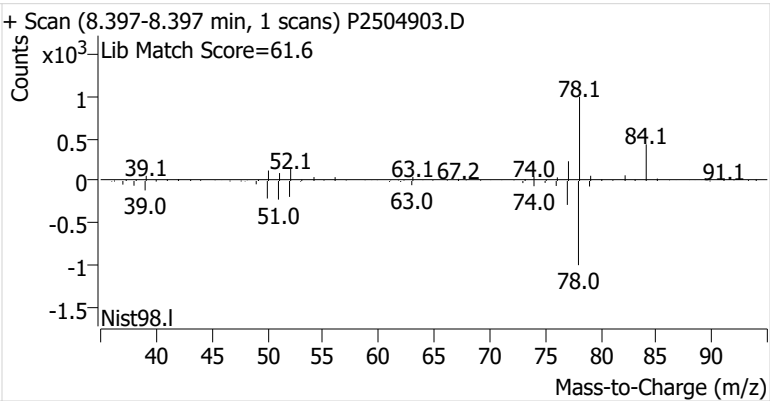
benzene-d6 (IS)



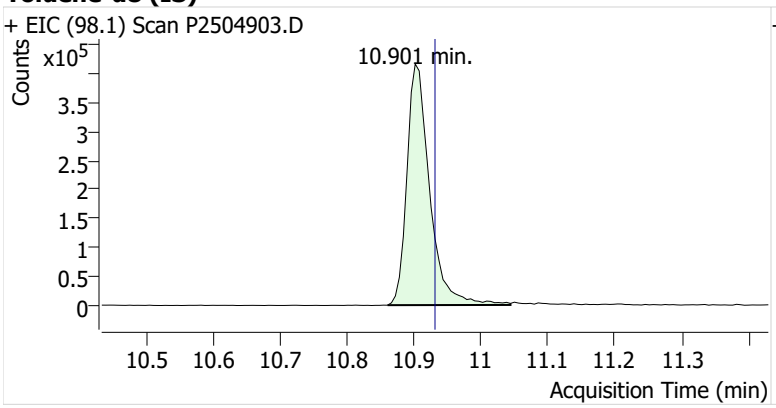


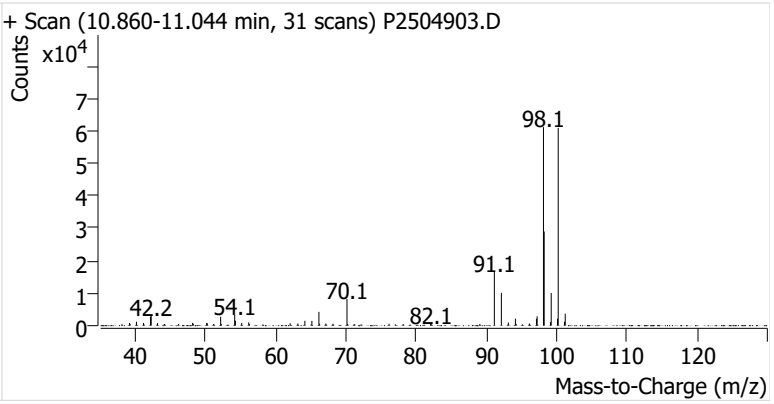
Benzene



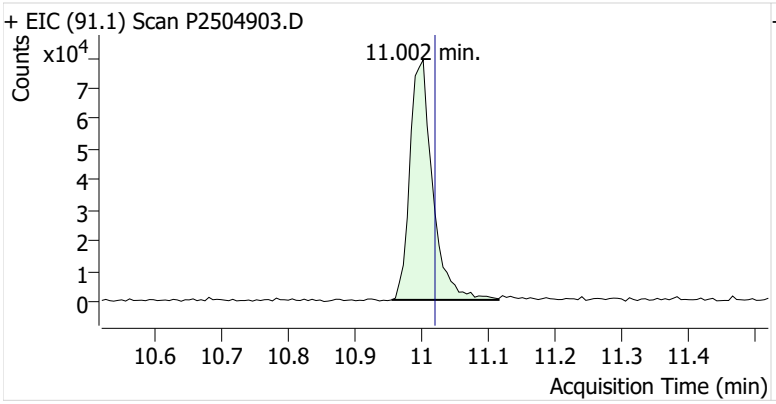


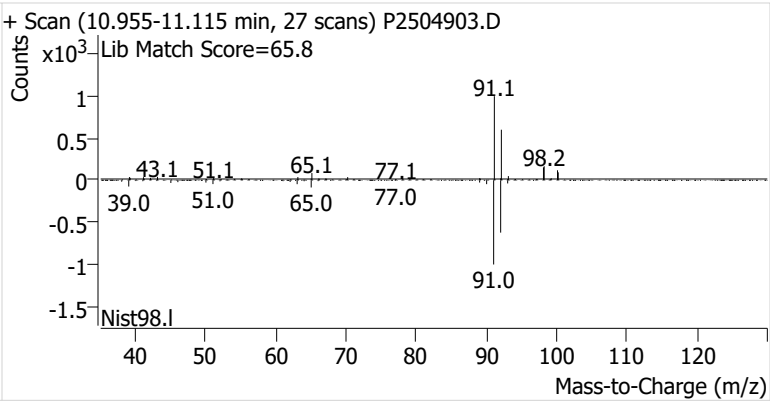
Toluene-d8 (IS)



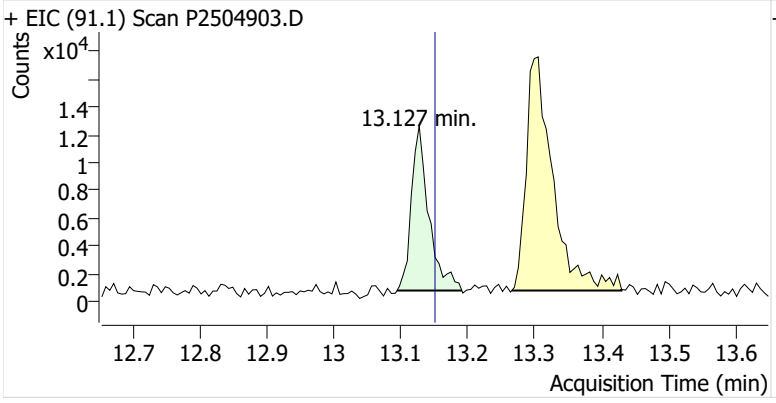


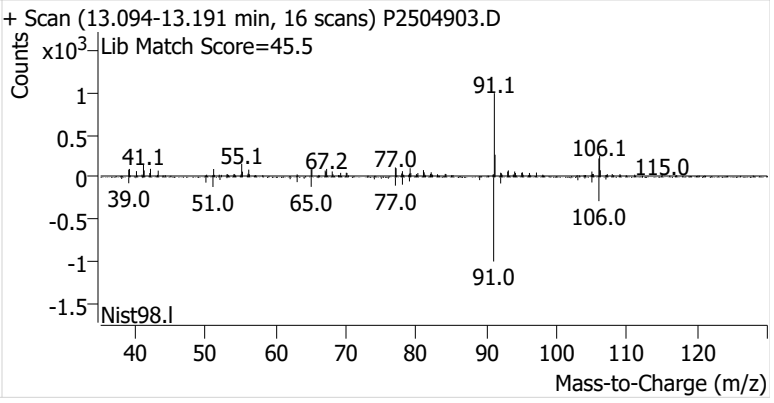
Toluene



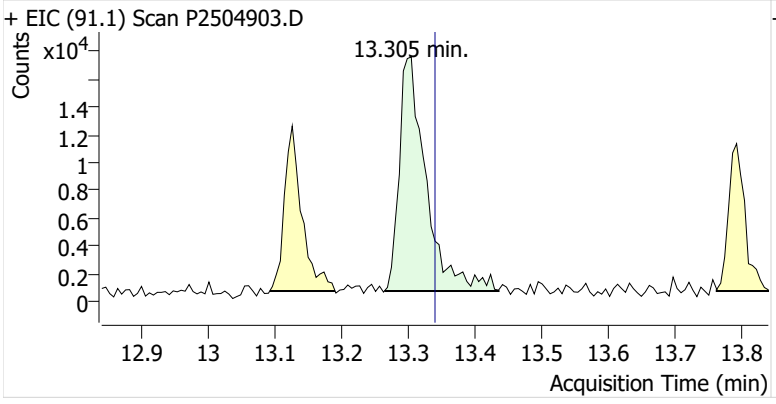


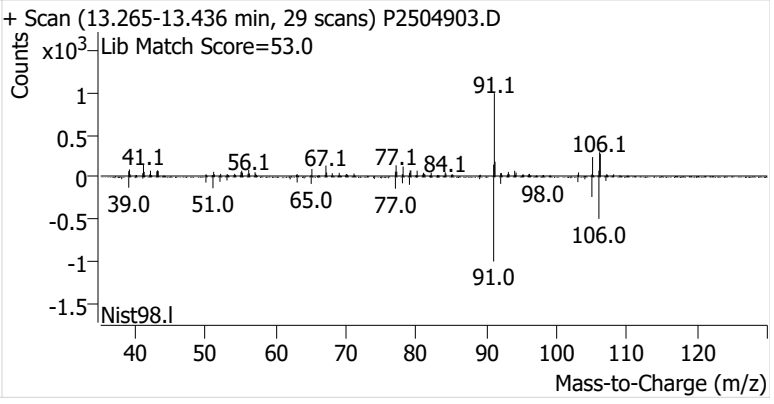
Ethylbenzene



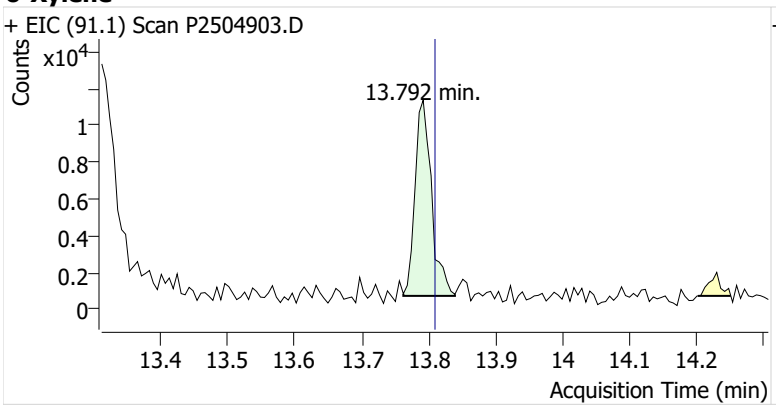


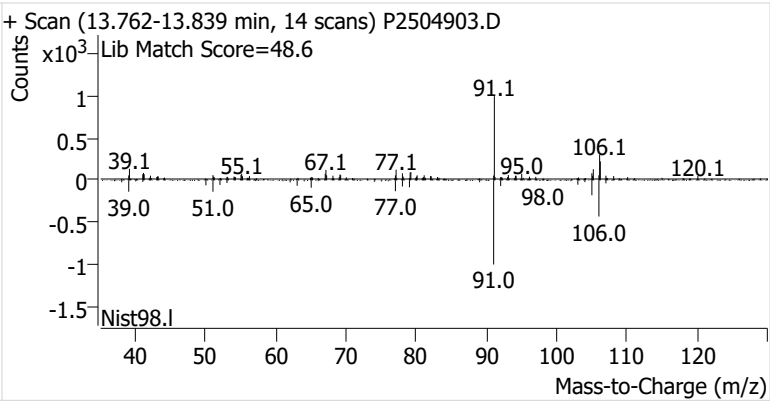
m-/p-Xylenes





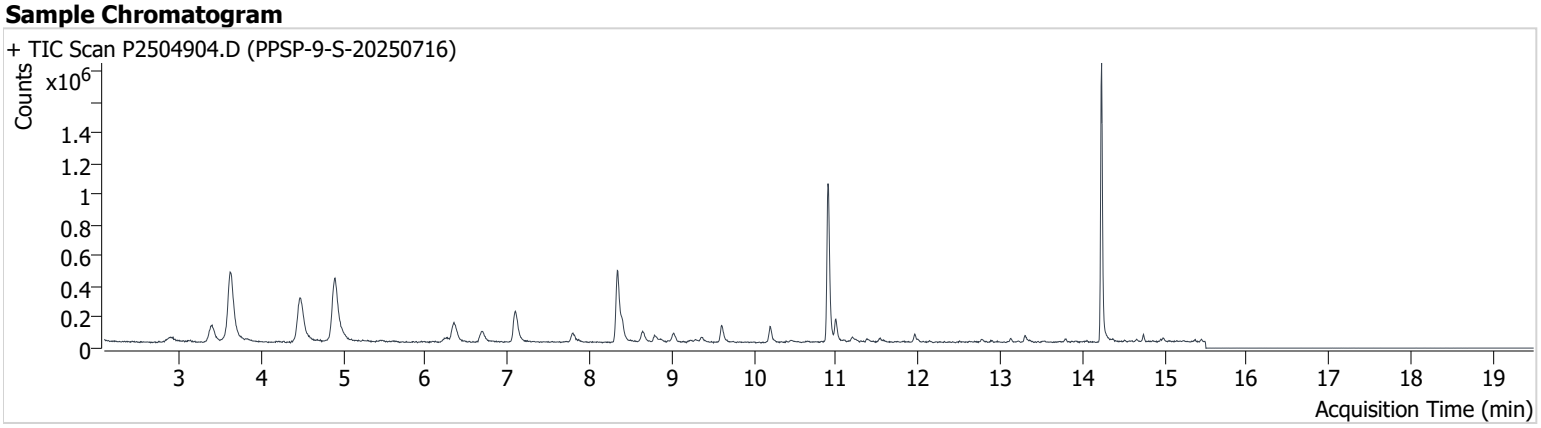
o-Xylene


+ EIC (91.1) Scan P2504903.D
Counts
x10^4
13.792 min.
Acquisition Time (min)


+ Scan (13.762-13.839 min, 14 scans) P2504903.D
Lib Match Score=48.6
Counts
x10^3
91.1
106.1
39.1
55.1
67.1
77.1
95.0
120.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

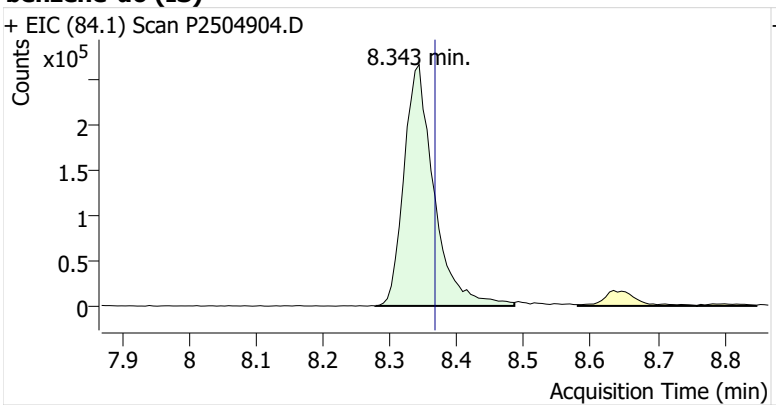
Name	PPSP-9-S-20250716
Comment	B37594
Data File	P2504904.D
Acq. Date-Time	8/2/2025 9:23:34 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

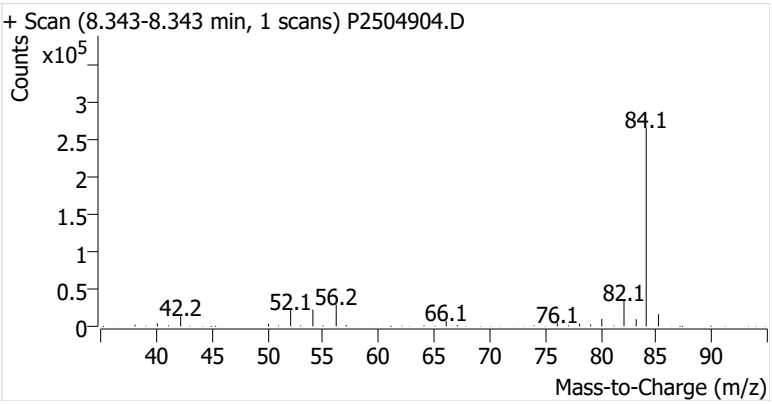
Sample Chromatogram



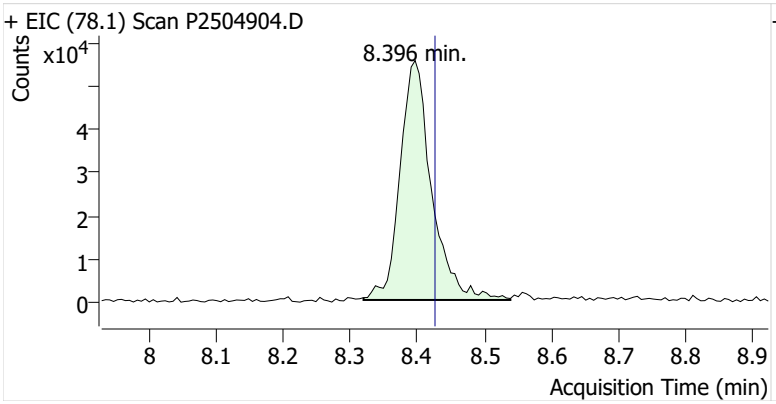
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	828,577	
Benzene	benzene-d6 (IS)	8.396	8.426	181,946	
Toluene-d8 (IS)		10.901	10.931	999,610	
Toluene	Toluene-d8 (IS)	10.996	11.020	131,313	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	19,969	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	37,563	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	13,860	

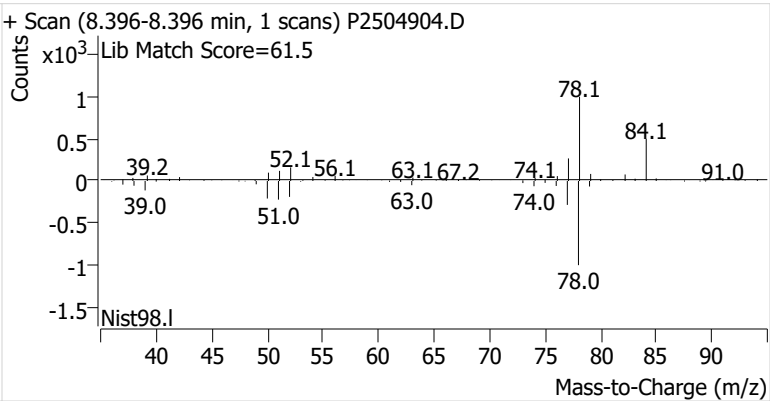
benzene-d6 (IS)



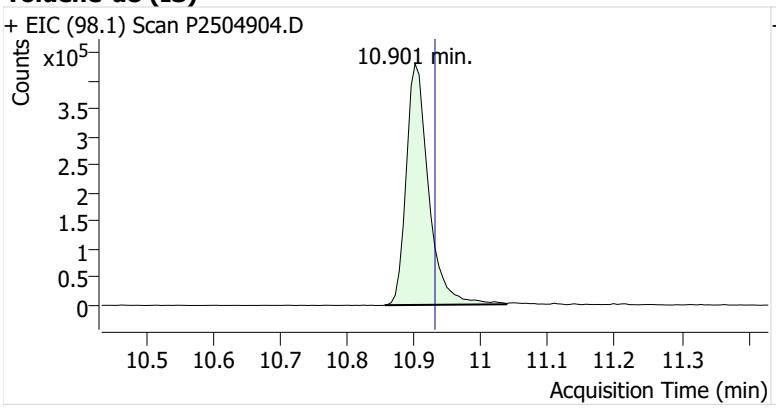


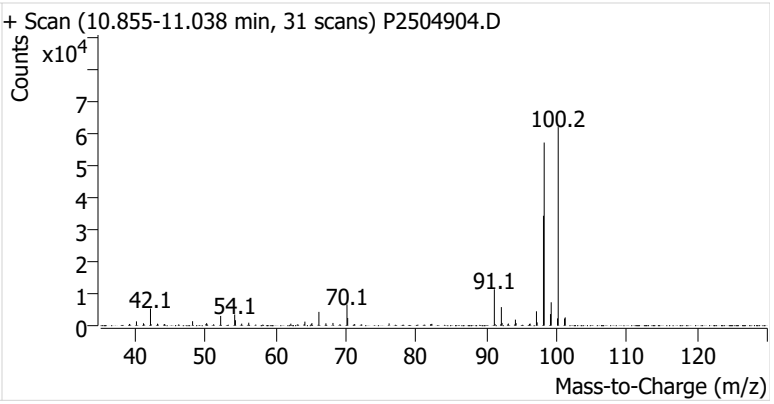
Benzene



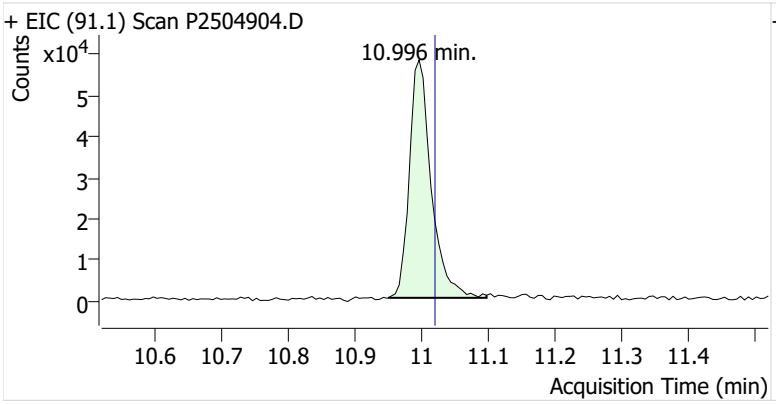


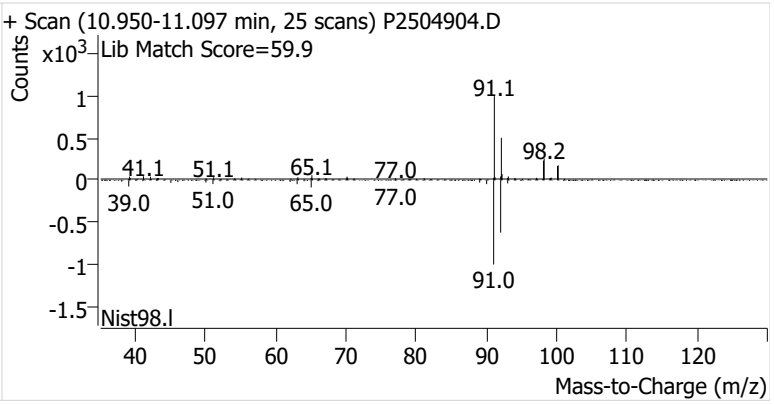
Toluene-d8 (IS)



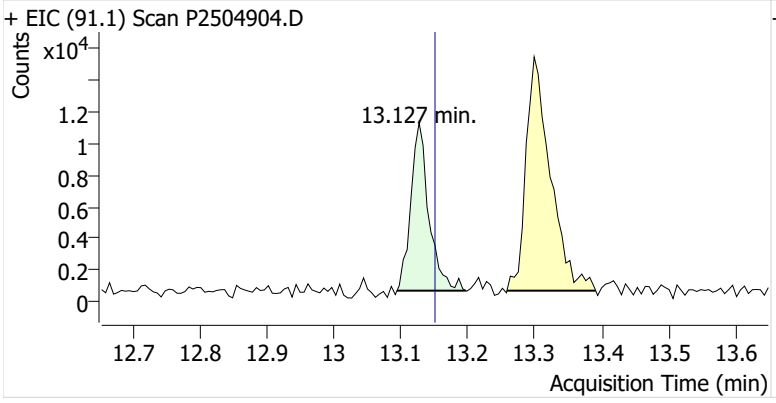


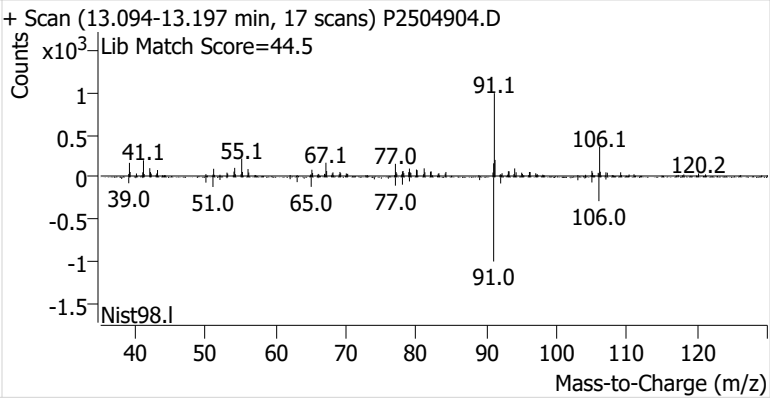
Toluene



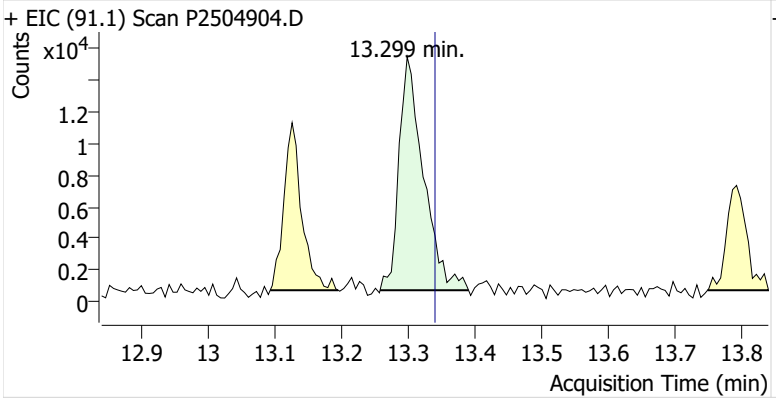


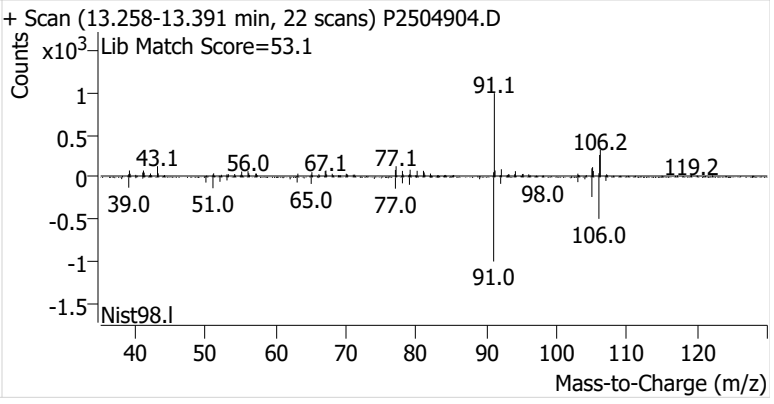
Ethylbenzene



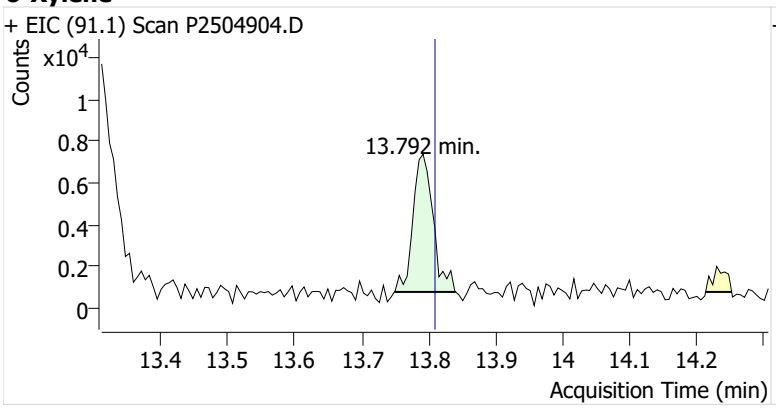


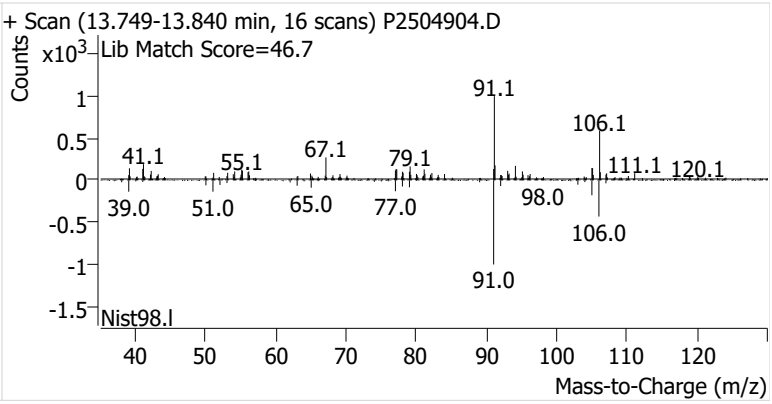
m-/p-Xylenes





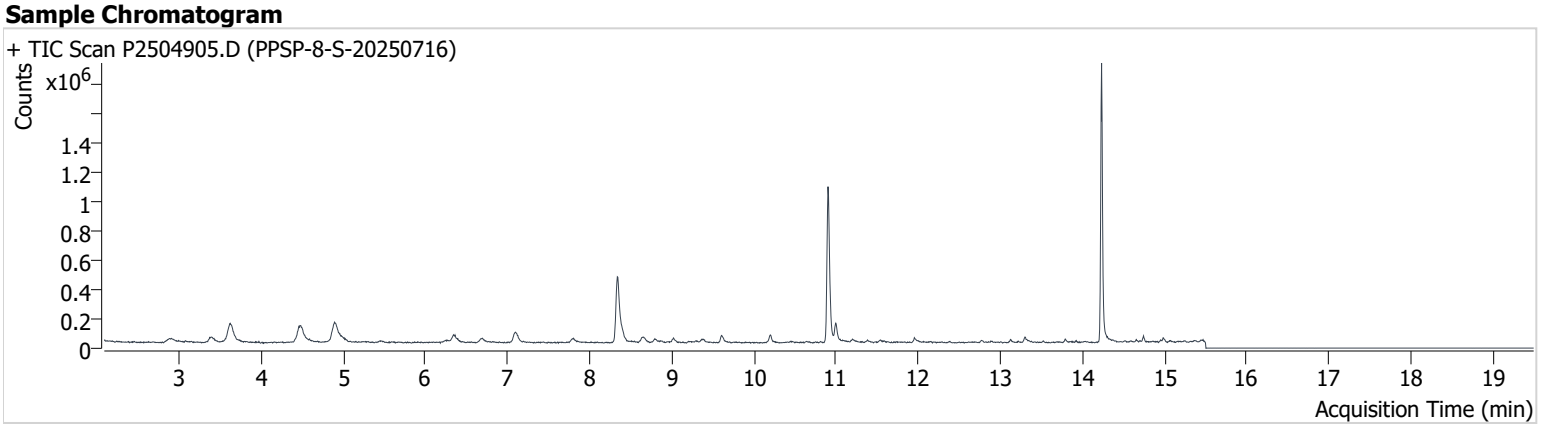
o-Xylene


+ EIC (91.1) Scan P2504904.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.792 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.749-13.840 min, 16 scans) P2504904.D
Lib Match Score=46.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.1
111.1
120.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

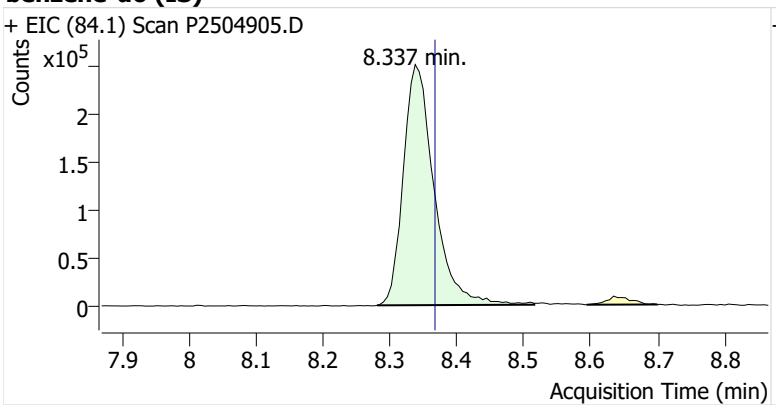
Name	PPSP-8-S-20250716
Comment	B15197
Data File	P2504905.D
Acq. Date-Time	8/2/2025 10:00:51 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

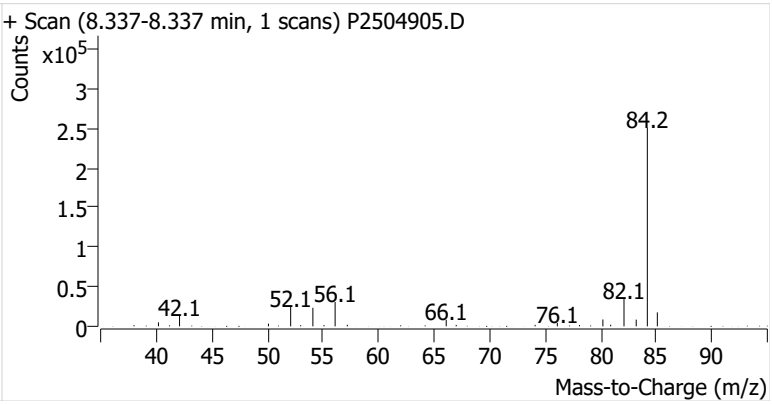
Sample Chromatogram



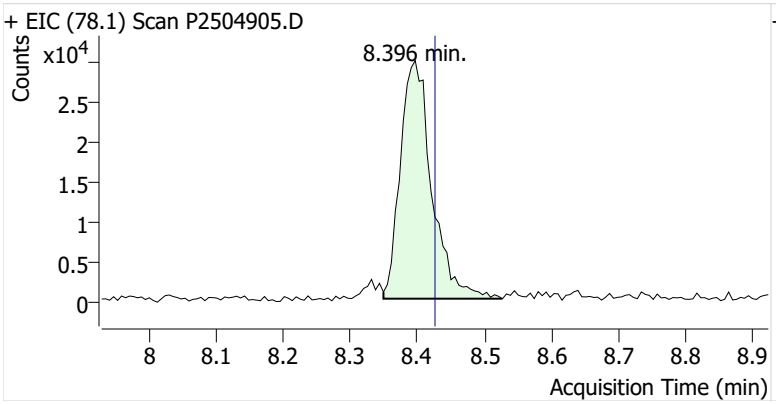
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	798,806	
Benzene	benzene-d6 (IS)	8.396	8.426	96,789	
Toluene-d8 (IS)		10.901	10.931	997,259	
Toluene	Toluene-d8 (IS)	10.996	11.020	110,276	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	16,585	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	30,536	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	14,367	

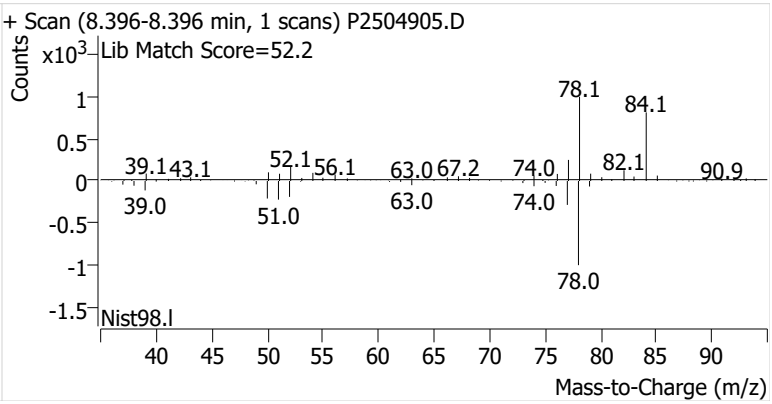
benzene-d6 (IS)



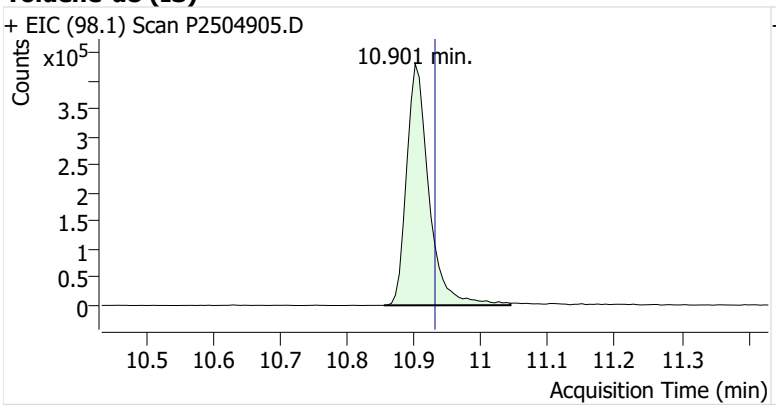


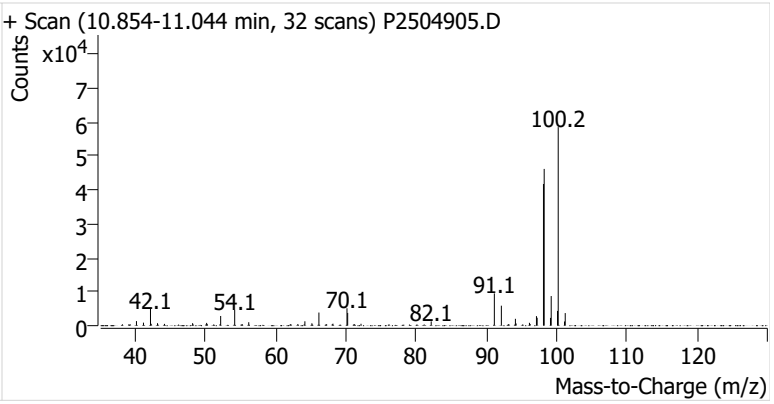
Benzene



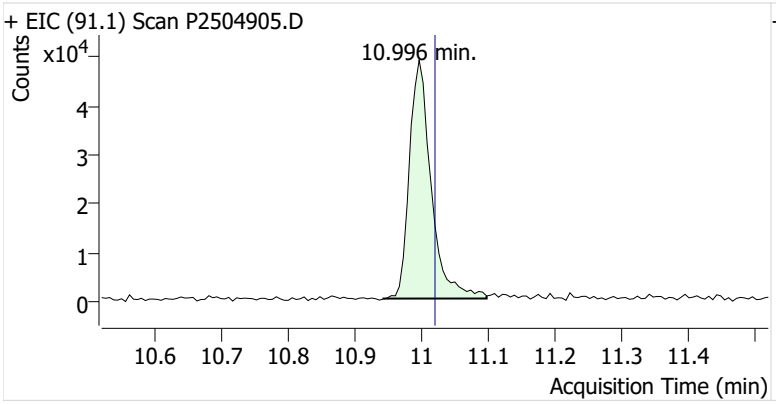


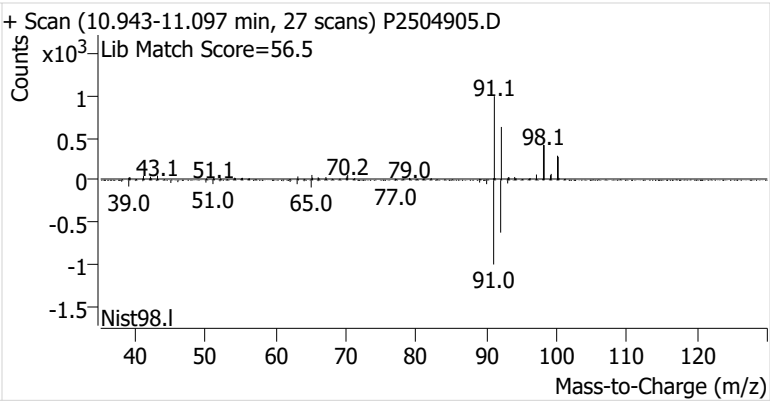
Toluene-d8 (IS)



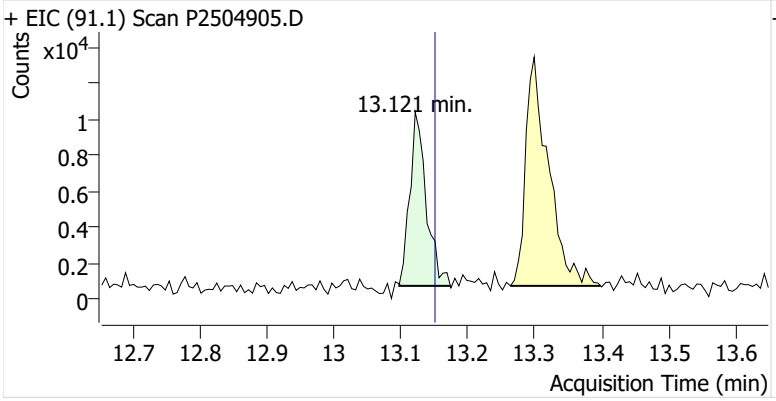


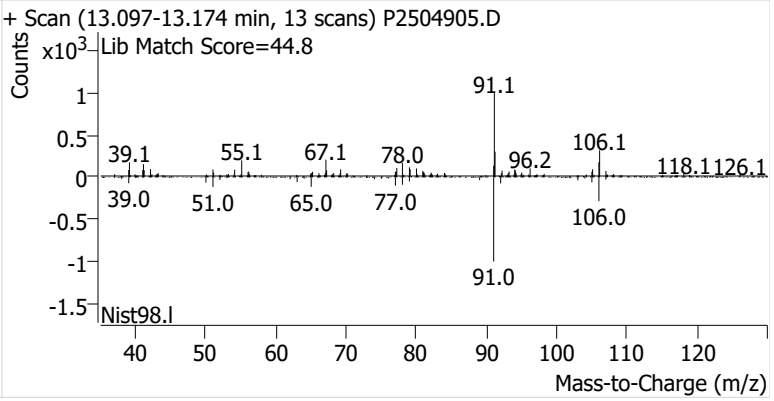
Toluene



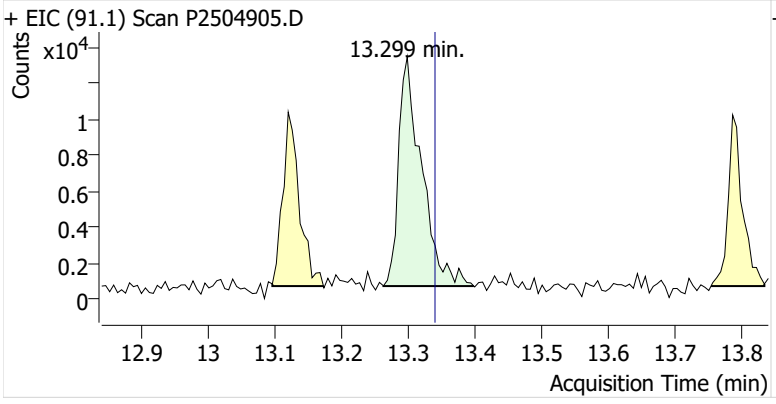


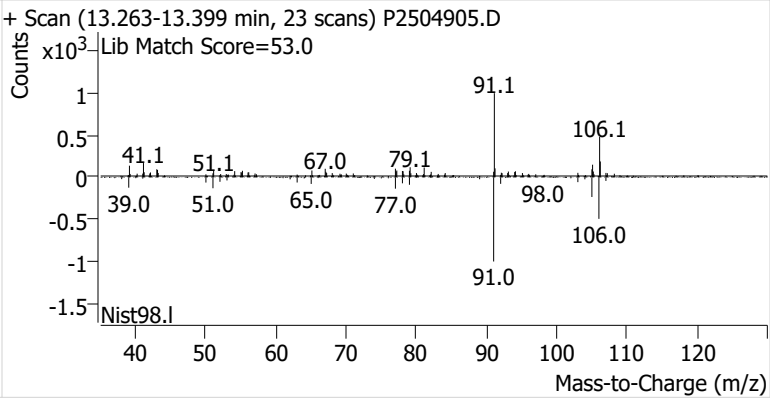
Ethylbenzene



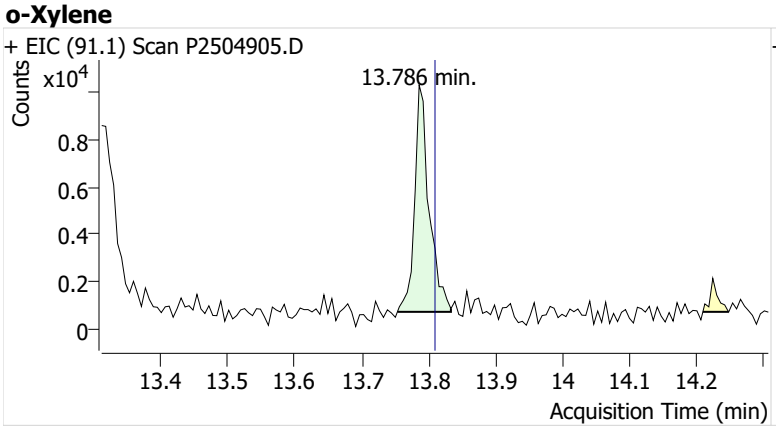


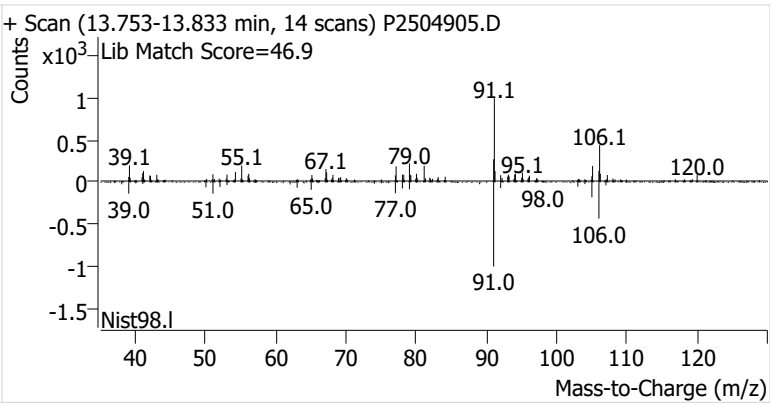
m-/p-Xylenes





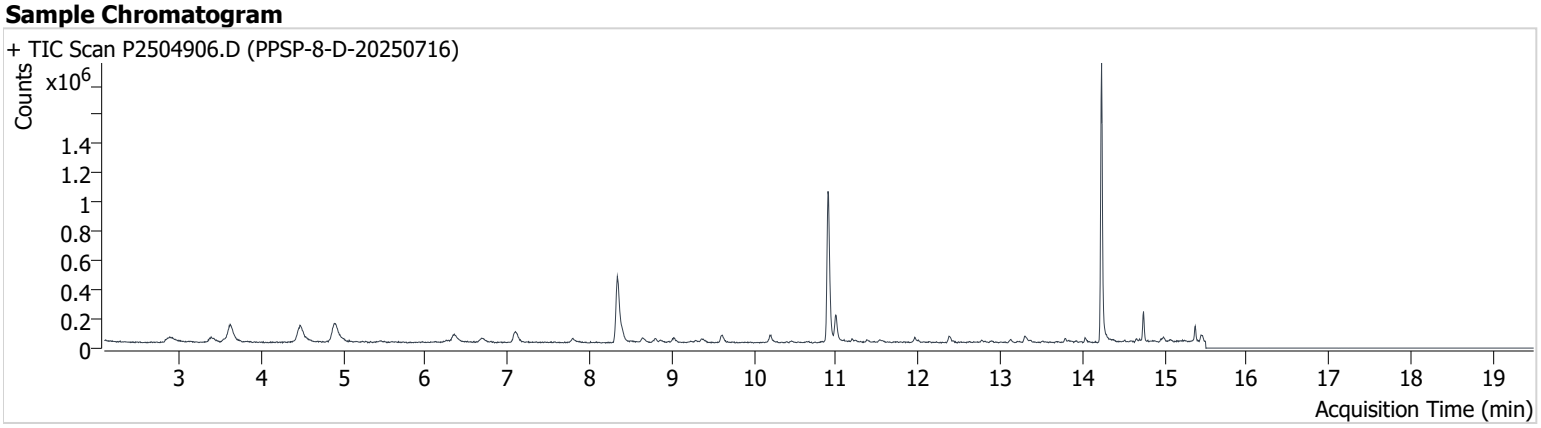
o-Xylene


+ EIC (91.1) Scan P2504905.D
Counts
x10^4
13.786 min.
0.8
0.6
0.4
0.2
0
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.753-13.833 min, 14 scans) P2504905.D
Counts
x10^3
Lib Match Score=46.9
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
67.1
79.0
95.1
120.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

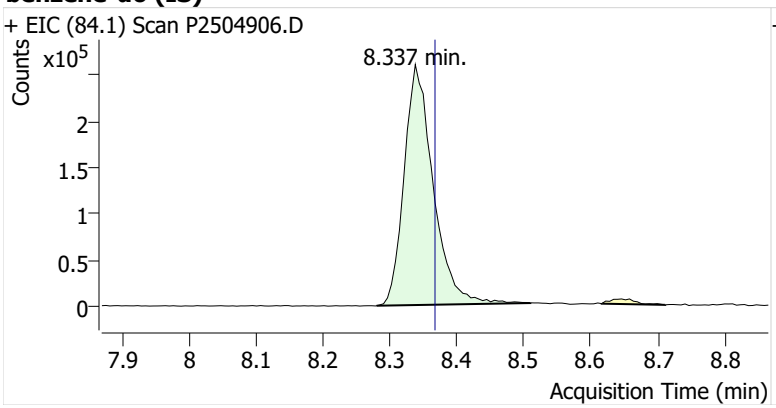
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Comment	C59955
Data File	P2504906.D
Acq. Date-Time	8/2/2025 10:38:09 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

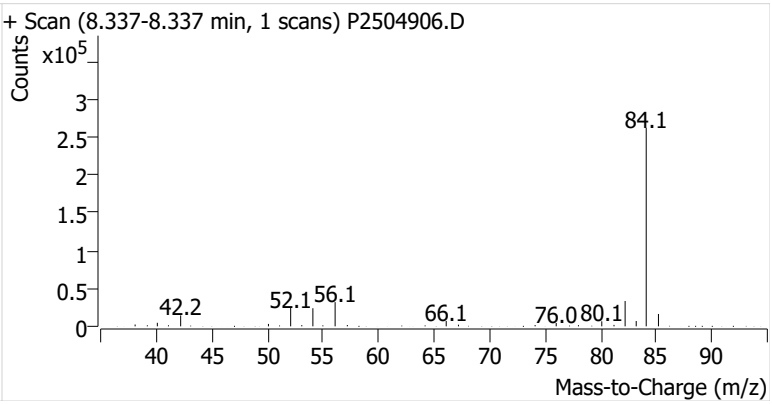
Sample Chromatogram



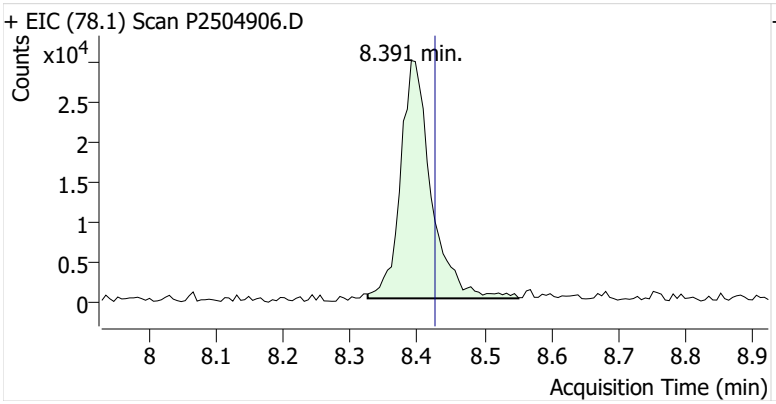
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	787,272	
Benzene	benzene-d6 (IS)	8.391	8.426	94,964	
Toluene-d8 (IS)		10.901	10.931	982,804	
Toluene	Toluene-d8 (IS)	10.996	11.020	170,338	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	15,128	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	40,842	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	16,944	

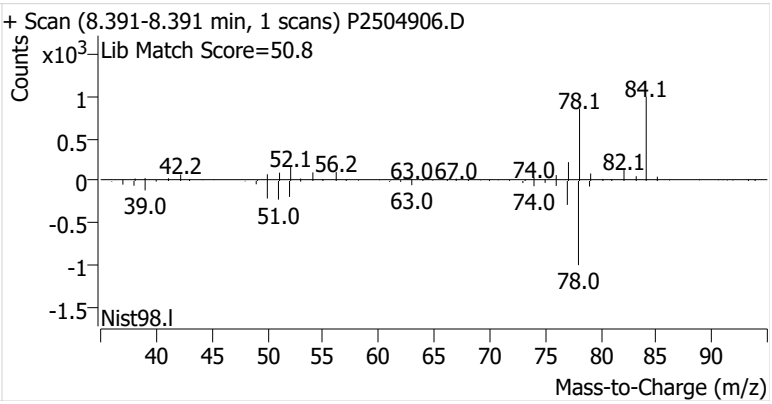
benzene-d6 (IS)



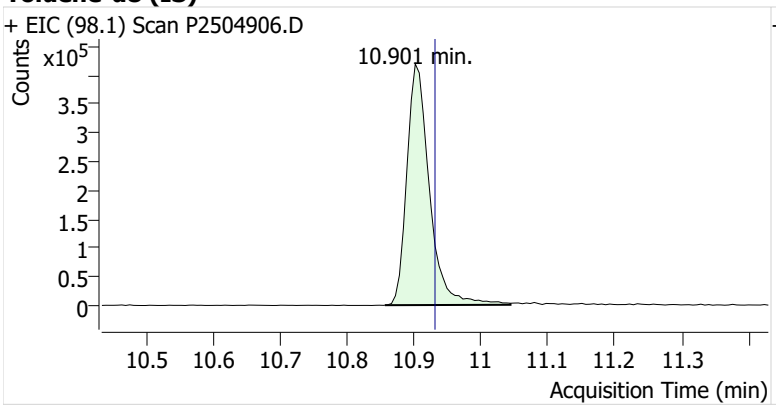


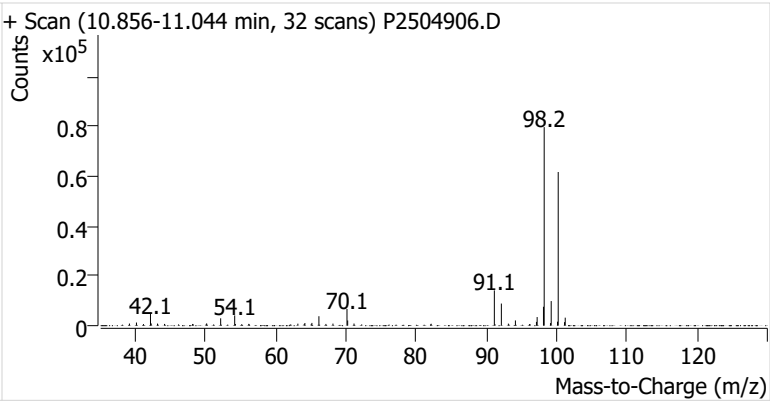
Benzene



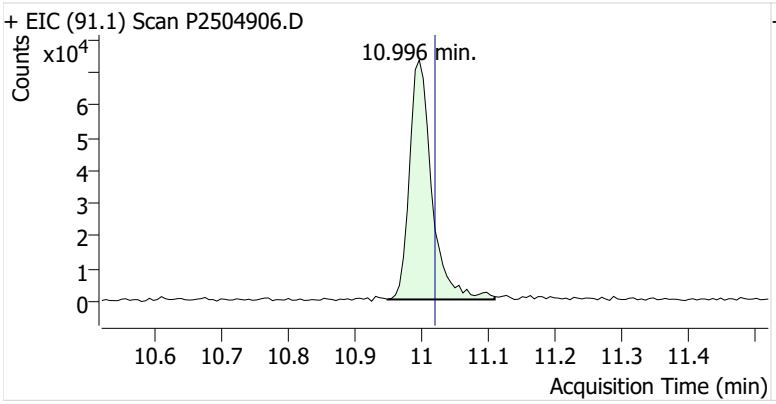


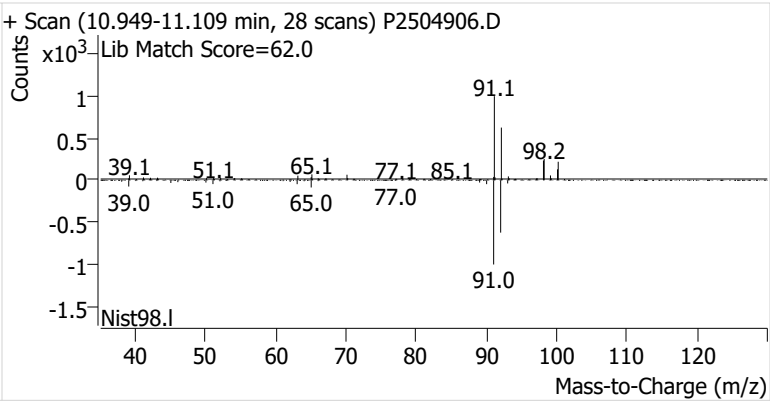
Toluene-d8 (IS)



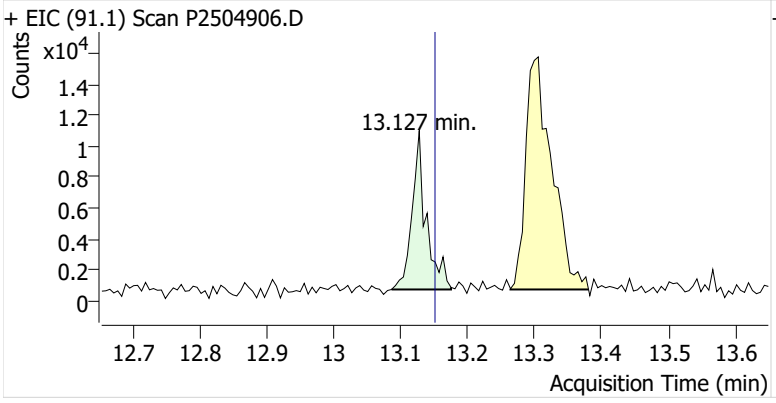


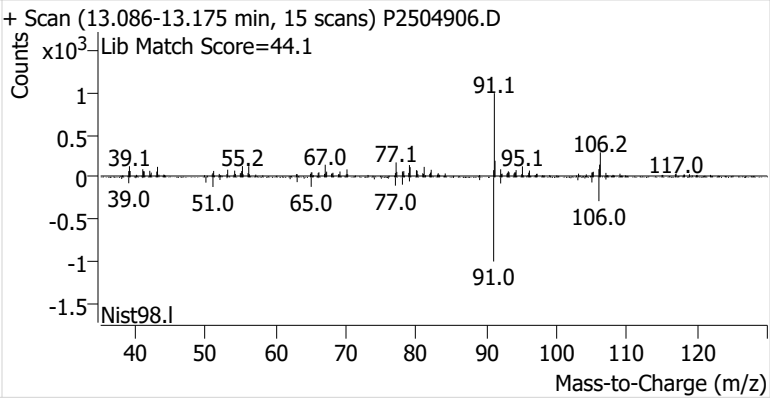
Toluene



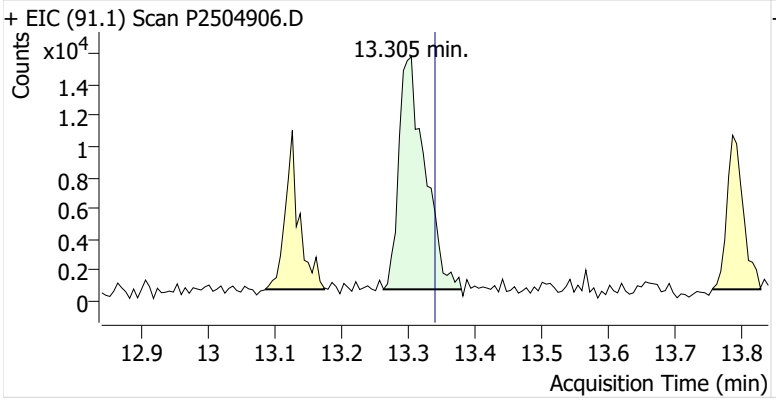


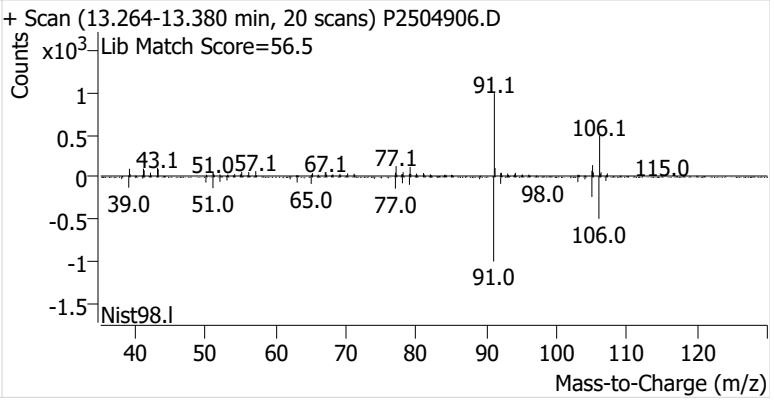
Ethylbenzene



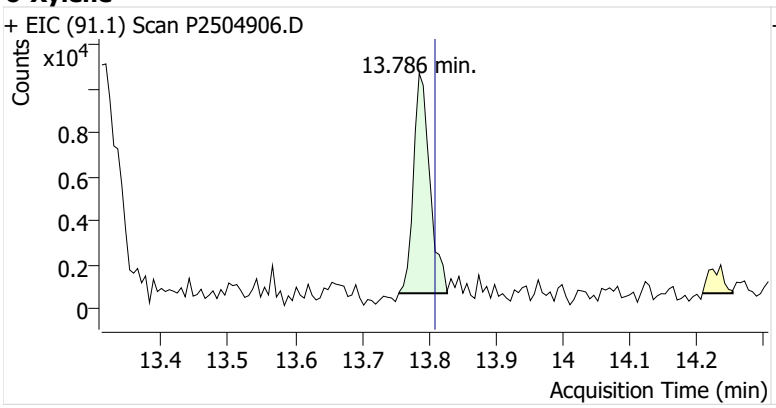


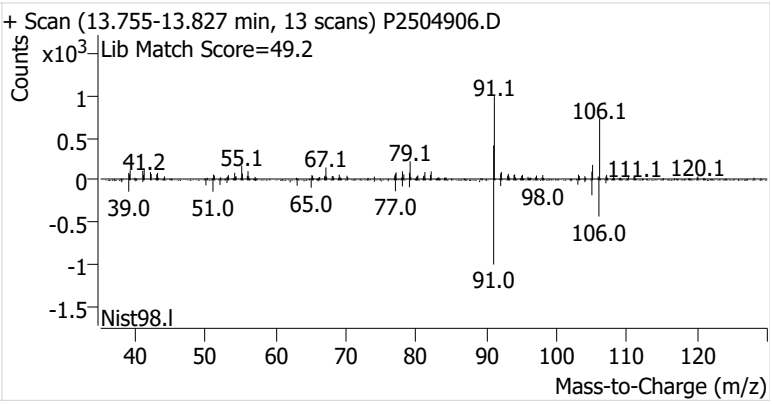
m-/p-Xylenes





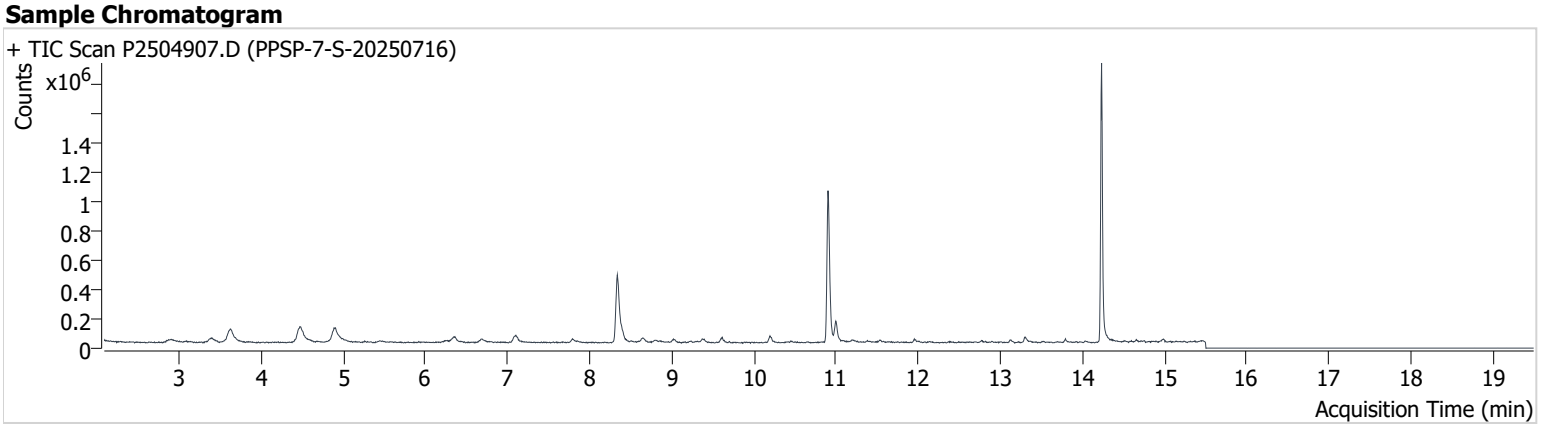
o-Xylene


+ EIC (91.1) Scan P2504906.D
Counts
x10^4
13.786 min.
0.8
0.6
0.4
0.2
0
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.755-13.827 min, 13 scans) P2504906.D
Counts
x10^3
Lib Match Score=49.2
91.1
106.1
41.2
55.1
67.1
79.1
111.1 120.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

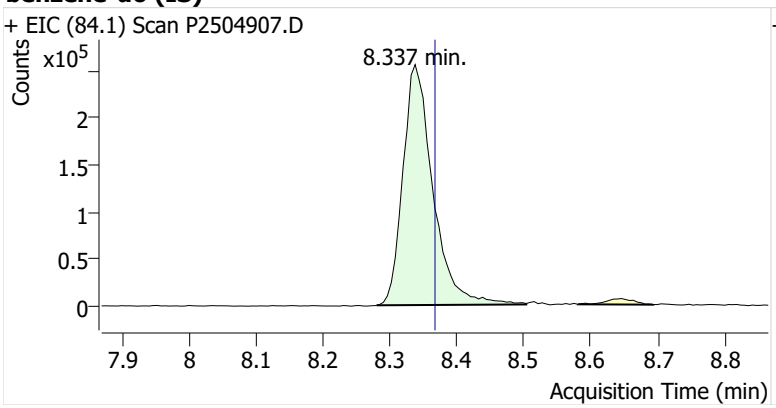
Name	PPSP-7-S-20250716
Comment	B48129
Data File	P2504907.D
Acq. Date-Time	8/2/2025 11:15:26 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

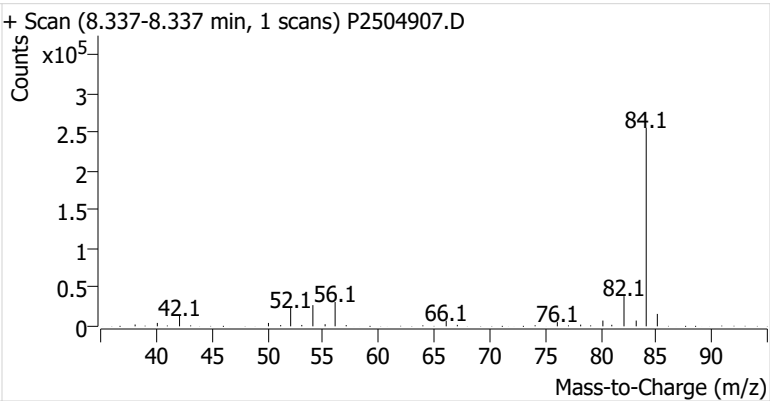
Sample Chromatogram



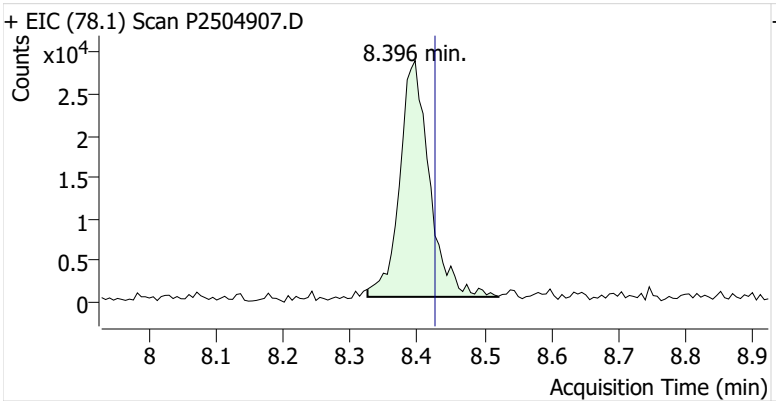
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.337	8.367	795,639	
Benzene	benzene-d6 (IS)	8.396	8.426	88,253	
Toluene-d8 (IS)		10.901	10.931	960,981	
Toluene	Toluene-d8 (IS)	10.996	11.020	126,023	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	13,561	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	31,375	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	12,891	

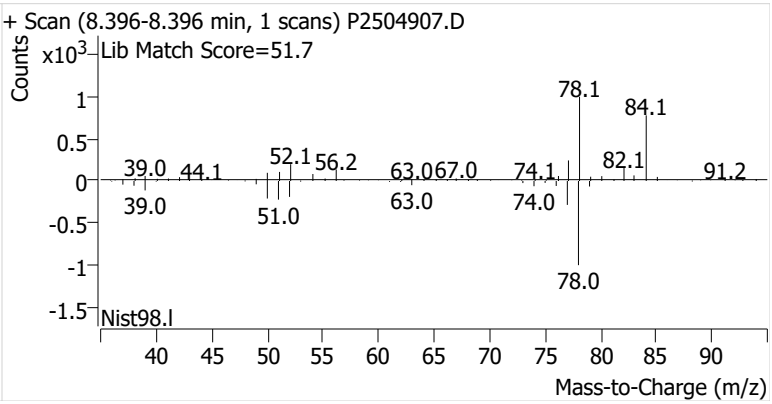
benzene-d6 (IS)



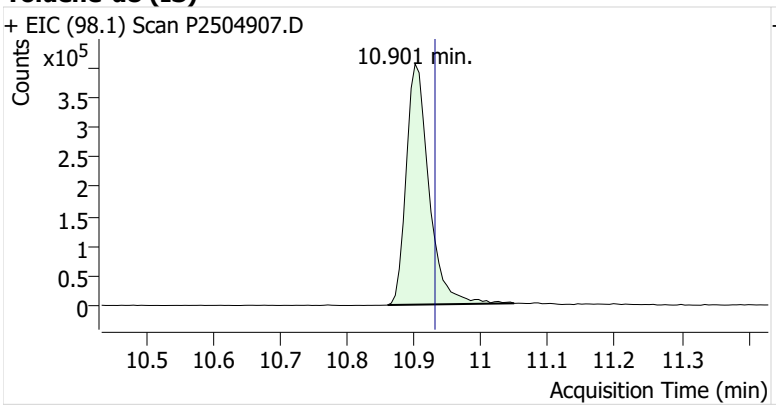


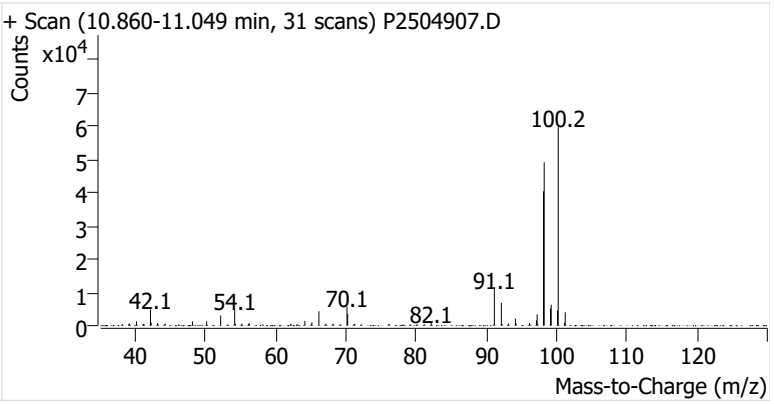
Benzene



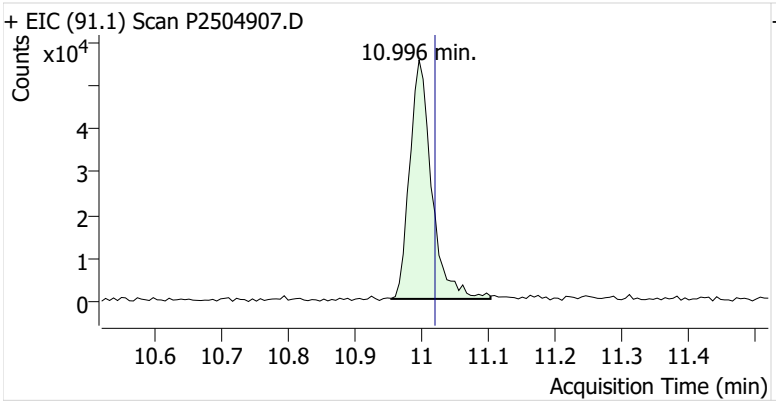


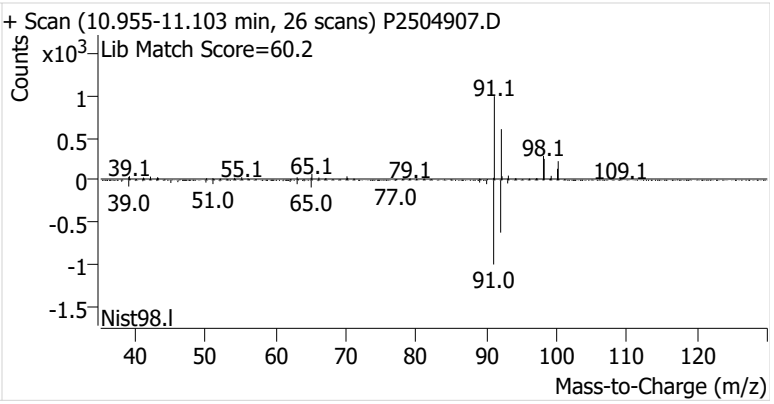
Toluene-d8 (IS)



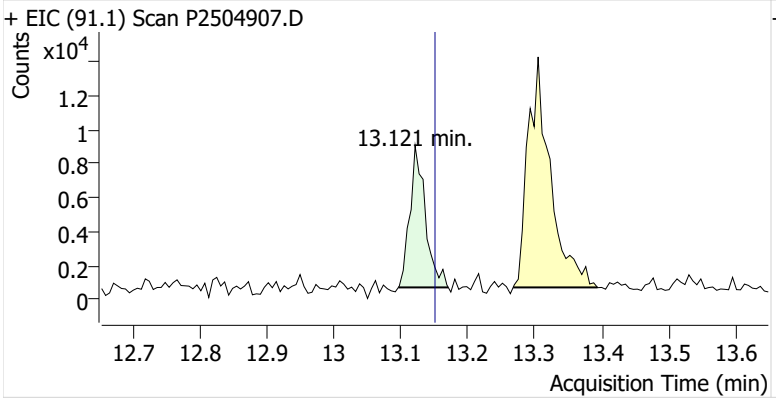


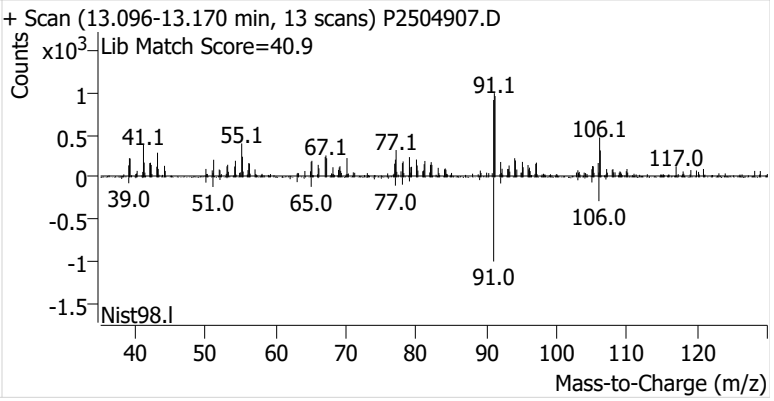
Toluene



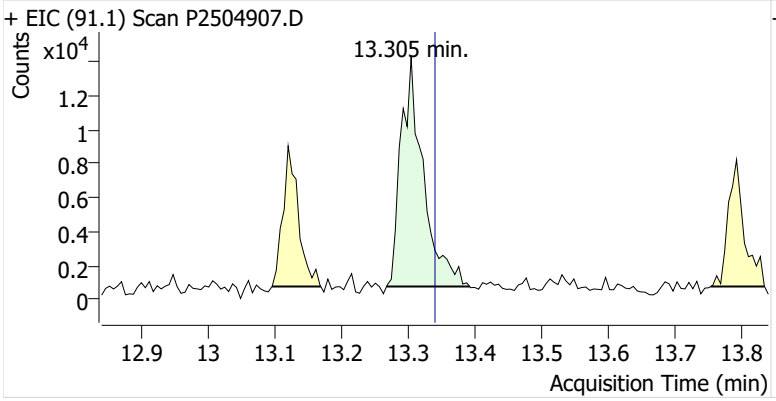


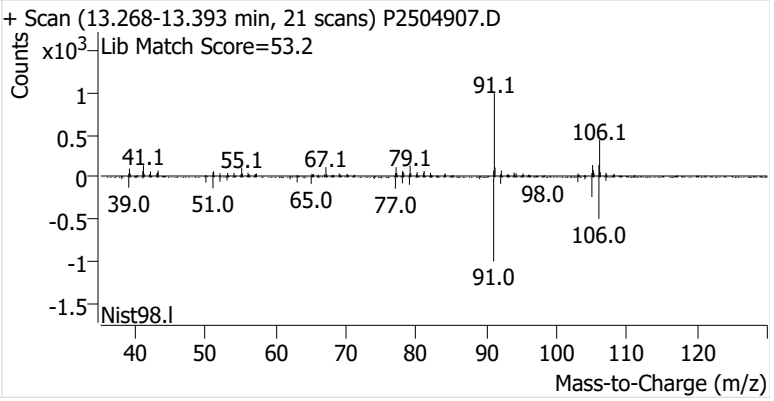
Ethylbenzene



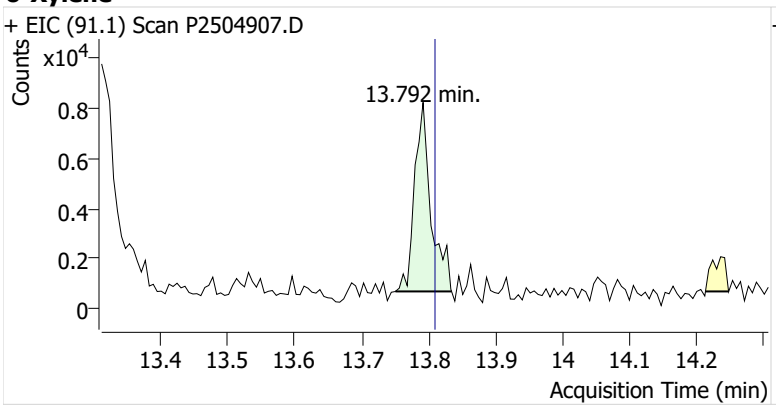


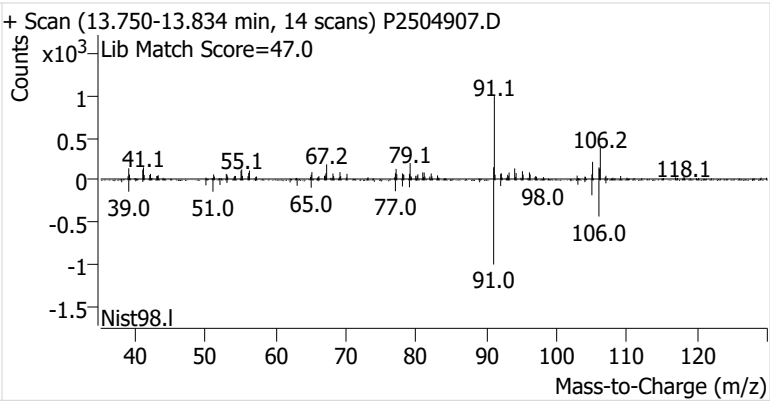
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan P2504907.D
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.792 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.750-13.834 min, 14 scans) P2504907.D
Lib Match Score=47.0
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
118.1
41.1
55.1
67.2
79.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Initial Calibration

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW303-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679_R1	Benzene	1	P2502258.D	4.96	47440	90.3	798559	1.081	0.21
P041125A_CC252679_R1	Benzene	2	P2502259.D	9.92	81580	90.3	784474	0.946	0.056
P041125A_CC252679_R1	Benzene	3	P2502260.D	19.85	154990	90.3	766291	0.920	0.027
P041125A_CC252679_R1	Benzene	4	P2502261.D	39.70	307006	90.3	776135	0.900	0.0043
P041125A_CC252679_R1	Benzene	5	P2502262.D	99.25	682063	90.3	768529	0.807	-0.099
P041125A_CC252679_R1	Benzene	6	P2502263.D	198.49	1383026	90.3	766391	0.821	-0.084
P041125A_CC252679_R1	Benzene	7	P2502264.D	595.47	3847989	90.3	733331	0.796	-0.11
						Avg:	770530	0.896	
						%RSD:	2.6%	11.2%	
P041125A_CC252679_R1	Toluene	1	P2502258.D	5.37	53462	105.3	981002	1.069	0.21
P041125A_CC252679_R1	Toluene	2	P2502259.D	10.73	93718	105.3	977723	0.940	0.061
P041125A_CC252679_R1	Toluene	3	P2502260.D	21.46	177517	105.3	952641	0.914	0.031
P041125A_CC252679_R1	Toluene	4	P2502261.D	42.92	366700	105.3	958584	0.938	0.058
P041125A_CC252679_R1	Toluene	5	P2502262.D	107.31	751020	105.3	937774	0.786	-0.11
P041125A_CC252679_R1	Toluene	6	P2502263.D	214.62	1544431	105.3	950212	0.797	-0.1
P041125A_CC252679_R1	Toluene	7	P2502264.D	643.86	4297415	105.3	923104	0.761	-0.14
						Avg:	954434	0.887	
						%RSD:	2.2%	12.5%	
P041125A_CC252679_R1	Ethylbenzene	1	P2502258.D	5.16	56966	105.3	981002	1.185	0.15
P041125A_CC252679_R1	Ethylbenzene	2	P2502259.D	10.32	108870	105.3	977723	1.137	0.1
P041125A_CC252679_R1	Ethylbenzene	3	P2502260.D	20.63	213920	105.3	952641	1.146	0.11
P041125A_CC252679_R1	Ethylbenzene	4	P2502261.D	41.26	422263	105.3	958584	1.124	0.088
P041125A_CC252679_R1	Ethylbenzene	5	P2502262.D	103.15	801782	105.3	937774	0.873	-0.16
P041125A_CC252679_R1	Ethylbenzene	6	P2502263.D	206.30	1736097	105.3	950212	0.932	-0.098
P041125A_CC252679_R1	Ethylbenzene	7	P2502264.D	618.90	4543663	105.3	923104	0.837	-0.19
						Avg:	954434	1.034	
						%RSD:	2.2%	14.2%	
P041125A_CC252679_R1	m-/p-Xylenes	1	P2502258.D	4.87	38899	105.3	981002	0.857	0.083
P041125A_CC252679_R1	m-/p-Xylenes	2	P2502259.D	9.74	73807	105.3	977723	0.816	0.03
P041125A_CC252679_R1	m-/p-Xylenes	3	P2502260.D	19.48	153415	105.3	952641	0.870	0.099
P041125A_CC252679_R1	m-/p-Xylenes	4	P2502261.D	38.97	310930	105.3	958584	0.876	0.11
P041125A_CC252679_R1	m-/p-Xylenes	5	P2502262.D	97.42	591523	105.3	937774	0.682	-0.14
P041125A_CC252679_R1	m-/p-Xylenes	6	P2502263.D	194.84	1339681	105.3	950212	0.762	-0.038
P041125A_CC252679_R1	m-/p-Xylenes	7	P2502264.D	584.52	3480142	105.3	923104	0.679	-0.14
						Avg:	954434	0.792	
						%RSD:	2.2%	10.8%	
P041125A_CC252679_R1	o-Xylene	1	P2502258.D	5.08	44039	105.3	981002	0.930	0.12
P041125A_CC252679_R1	o-Xylene	2	P2502259.D	10.16	84765	105.3	977723	0.898	0.078
P041125A_CC252679_R1	o-Xylene	3	P2502260.D	20.32	174712	105.3	952641	0.950	0.14

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW303-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
P041125A_CC252679_R1	o-Xylene	4	P2502261.D	40.64	330869	105.3	958584	0.894	0.073
P041125A_CC252679_R1	o-Xylene	5	P2502262.D	101.61	648711	105.3	937774	0.717	-0.14
P041125A_CC252679_R1	o-Xylene	6	P2502263.D	203.21	1413541	105.3	950212	0.771	-0.075
P041125A_CC252679_R1	o-Xylene	7	P2502264.D	609.64	3599376	105.3	923104	0.673	-0.19
						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	Benzene	ICV	P2502265.D	64.22	465786	90.3	753743	0.869	-3.0%
P041125A_CC252679_R1	Toluene	ICV	P2502265.D	76.59	610878	105.3	957560	0.877	-1.1%
P041125A_CC252679_R1	Ethylbenzene	ICV	P2502265.D	86.22	753297	105.3	957560	0.961	-7.1%
P041125A_CC252679_R1	m-/p-Xylenes	ICV	P2502265.D	89.75	613496	105.3	957560	0.752	-5.1%
P041125A_CC252679_R1	o-Xylene	ICV	P2502265.D	88.34	625434	105.3	957560	0.778	-6.6%

M325B PDF Report ver.20250630

Sample Custody

2025 FW 303

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

Page # 1 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	Client Name:	Portland Pipe Line	PO#:	
Site Address:		Project Number:		Sample Event #	
City:		Project Manager:	Tom Rolfson	Sorbent:	
State		Email Address:	tom.rolfson@powererg.com		
Zip:		Telephone #:			

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)
6	C56958	sample	7/16/25	10:42 AM	7/30/25	11:11 AM	JB / JB		
5	C43709	sample	7/16/25	10:47 AM	7/30/25	11:15 AM	JB / JB		
4	B17518	sample	7/16/25	10:51 AM	7/30/25	11:20 AM	JB / JB		
3	C35759	sample	7/16/25	10:56 AM	7/30/25	11:24 AM	JB / JB		
2	B14990	sample	7/16/25	11:01 AM	7/30/25	11:29 AM	JB / JB		
1	C53574	sample	7/16/25	11:05 AM	7/30/25	11:33 AM	JB / JB		
1	C34276	blank	7/16/25	11:05 AM	7/30/25	11:33 AM	JB / JB		
13	B14933	sample	7/16/25	11:10 AM	7/30/25	11:38 AM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	7/31/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson	Daniel	8/1/25	10:45 AM

Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good	BTEX	N	
Ice Temp: — / **Blank Temp:** 22.5 / Fluke 4		Add Custody Seal # below:	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

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

Page # 2 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipe Line	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #:**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
12	B15112	sample	7/16/25	11:17 AM	7/30/25	11:46 AM	JB / JB		
11	B47140	sample	7/16/25	11:22 AM	7/30/25	11:53 AM	JB / JB		
10	C36875	sample	7/16/25	11:27 AM	7/30/25	11:58 AM	JB / JB		
9	B37594	sample	7/16/25	11:31 AM	7/30/25	12:02 PM	JB / JB		
8	B15197	sample	7/16/25	11:36 AM	7/30/25	12:08 PM	JB / JB		
8	C59955	duplicate	7/16/25	11:36 AM	7/30/25	12:08 PM	JB / JB		
7	B48129	sample	7/16/25	11:40 AM	7/30/25	12:12 PM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	7/31/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Daniel Simpson		8/1/25	10:45 AM

Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good	BTEX	N	
Ice Temp: → **Blank Temp:** 22.5 Fluke4		Add Custody Seal # below:	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

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This Is The Last Page Of This Report.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 8/14/2025

Analytical Report
2025FW304

EPA Method 325B Analysis

Report Issue Date: 8/25/2025

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:



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

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

ENTHALPY
ANALYTICAL

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW304-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Enthalpy Analytical on August 14, 2025 at 12.1 °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
PPSP-6-S-20250730	C20572	Sample
PPSP-5-S-20250730	B18384	Sample
PPSP-4-S-20250730	B18431	Sample
PPSP-3-S-20250730	B50656	Sample
PPSP-2-S-20250730	C56896	Sample
PPSP-1-S-20250730	C01466	Sample
PPSP-1-B-20250730	C15910	Blank
PPSP-13-S-20250730	B18429	Sample
PPSP-12-S-20250730	C55445	Sample
PPSP-11-S-20250730	B52810	Sample
PPSP-10-S-20250730	B27924	Sample
PPSP-9-S-20250730	B47919	Sample
PPSP-8-S-20250730	B46079	Sample
PPSP-8-D-20250730	C17122	Duplicate
PPSP-7-S-20250730	B17555	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 CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

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.

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW304-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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 PPSP-8-S-20250730 (tube ID B46079) and its corresponding duplicate PPSP-8-D-20250730 (tube ID C17122) failed to meet the 30% difference criterion for Toluene as specified by the method. All samples in the data set have been flagged “P” for Toluene 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: Power Engineers, Inc.

Job No.: 2025FW304-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250730	C20572	0.795		1.17	P		ND	0.504	J		ND
PPSP-5-S-20250730	B18384	0.824		1.34	P		ND	0.587			ND
PPSP-4-S-20250730	B18431	0.700		1.16	P		ND	0.650			ND
PPSP-3-S-20250730	B50656	0.580		0.886	P		ND	0.482	J		ND
PPSP-2-S-20250730	C56896	0.859		1.89	P		ND	0.586			ND
PPSP-1-S-20250730	C01466	0.865		1.04	P		ND	0.503	J		ND
PPSP-1-B-20250730	C15910		ND		ND,P		ND		ND		ND
PPSP-13-S-20250730	B18429	0.809		1.73	P		ND	0.515	J		ND
PPSP-12-S-20250730	C55445	0.671		1.29	P		ND	0.438	J		ND
PPSP-11-S-20250730	B52810	0.918		1.47	P		ND	0.420	J		ND
PPSP-10-S-20250730	B27924	1.37		1.27	P		ND	0.630			ND
PPSP-9-S-20250730	B47919	1.41		1.43	P		ND	0.615			ND
PPSP-8-S-20250730	B46079	0.803		1.36	P		ND	0.651			ND
PPSP-8-D-20250730	C17122	0.824		2.25	P		ND	0.602			ND
PPSP-7-S-20250730	B17555	0.857		1.41	P	0.281	J	0.737			ND

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

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW304-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250730	C20572	0.795	0.249	10.7	69.9	0.666	20120	0.187	0.369	0.0585	0.115		E2502572.d	2025-08-14 17:06	0.995	8.102	85655	437728	54.2	8.045	-1.7%
PPSP-5-S-20250730	B18384	0.824	0.258	11.0	69.9	0.666	20121	0.187	0.369	0.0585	0.115		E2502573.d	2025-08-14 17:32	0.995	8.102	88490	436603	54.2	8.045	-2.0%
PPSP-4-S-20250730	B18431	0.700	0.219	9.37	69.9	0.666	20120	0.187	0.369	0.0585	0.115		E2502574.d	2025-08-14 17:57	0.995	8.102	74923	435193	54.2	8.045	-2.3%
PPSP-3-S-20250730	B50656	0.580	0.182	7.76	69.9	0.666	20120	0.187	0.369	0.0585	0.115		E2502575.d	2025-08-14 18:23	0.995	8.102	63102	442435	54.2	8.045	-0.6%
PPSP-2-S-20250730	C56896	0.859	0.269	11.5	69.9	0.666	20120	0.187	0.369	0.0585	0.115		E2502576.d	2025-08-14 18:49	0.995	8.102	91440	432455	54.2	8.045	-2.9%
PPSP-1-S-20250730	C01466	0.865	0.271	11.6	69.9	0.666	20119	0.187	0.369	0.0585	0.115		E2502577.d	2025-08-14 19:15	0.995	8.102	92029	432440	54.2	8.045	-2.9%
PPSP-1-B-20250730	C15910				69.9	0.666	20119	0.187	0.369	0.0585	0.115	ND	E2502571.d	2025-08-14 16:40	0.995	8.110	7295	440339	54.2	8.045	-1.1%
PPSP-13-S-20250730	B18429	0.809	0.253	10.8	69.9	0.666	20118	0.187	0.369	0.0585	0.115		E2502578.d	2025-08-14 19:41	0.995	8.102	87673	440594	54.2	8.045	-1.1%
PPSP-12-S-20250730	C55445	0.671	0.210	8.98	69.9	0.666	20117	0.187	0.369	0.0585	0.115		E2502579.d	2025-08-14 20:07	0.995	8.102	71965	436106	54.2	8.045	-2.1%
PPSP-11-S-20250730	B52810	0.918	0.287	12.3	69.9	0.666	20118	0.187	0.369	0.0585	0.115		E2502580.d	2025-08-14 20:33	0.995	8.103	99371	440276	54.2	8.045	-1.1%
PPSP-10-S-20250730	B27924	1.37	0.429	18.3	69.9	0.666	20119	0.187	0.369	0.0585	0.115		E2502581.d	2025-08-14 20:59	0.995	8.102	146214	434064	54.2	8.045	-2.5%
PPSP-9-S-20250730	B47919	1.41	0.443	18.9	69.9	0.666	20118	0.187	0.369	0.0585	0.115		E2502583.d	2025-08-14 21:50	0.995	8.102	151592	435984	54.2	8.045	-2.1%
PPSP-8-S-20250730	B46079	0.803	0.252	10.8	69.9	0.666	20119	0.187	0.369	0.0585	0.115		E2502584.d	2025-08-14 22:16	0.995	8.102	86407	437209	54.2	8.045	-1.8%
PPSP-8-D-20250730	C17122	0.824	0.258	11.0	69.9	0.666	20119	0.187	0.369	0.0585	0.115		E2502585.d	2025-08-14 22:42	0.995	8.102	88852	438365	54.2	8.045	-1.6%
PPSP-7-S-20250730	B17555	0.857	0.268	11.5	69.9	0.666	20119	0.187	0.369	0.0585	0.115		E2502586.d	2025-08-14 23:07	0.995	8.103	92422	438584	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
PPSP-6-S-20250730	C20572	1.17	0.311	12.2	69.9	0.517	20120	0.241	0.514	0.0639	0.136	P	E2502572.d	2025-08-14 17:06	1.161	10.839	109624	490807	63.2	10.746	-2.2%
PPSP-5-S-20250730	B18384	1.34	0.356	13.9	69.9	0.517	20121	0.241	0.514	0.0639	0.136	P	E2502573.d	2025-08-14 17:32	1.161	10.839	126248	493566	63.2	10.746	-1.7%
PPSP-4-S-20250730	B18431	1.16	0.309	12.1	69.9	0.517	20120	0.241	0.514	0.0639	0.136	P	E2502574.d	2025-08-14 17:57	1.161	10.839	109163	491408	63.2	10.746	-2.1%
PPSP-3-S-20250730	B50656	0.886	0.235	9.21	69.9	0.517	20120	0.241	0.514	0.0639	0.136	P	E2502575.d	2025-08-14 18:23	1.161	10.846	84712	500443	63.2	10.745	-0.3%
PPSP-2-S-20250730	C56896	1.89	0.501	19.6	69.9	0.517	20120	0.241	0.514	0.0639	0.136	P	E2502576.d	2025-08-14 18:49	1.161	10.839	174865	484846	63.2	10.746	-3.4%
PPSP-1-S-20250730	C01466	1.04	0.276	10.8	69.9	0.517	20119	0.241	0.514	0.0639	0.136	P	E2502577.d	2025-08-14 19:15	1.161	10.846	97223	489504	63.2	10.746	-2.5%
PPSP-1-B-20250730	C15910				69.9	0.517	20119	0.241	0.514	0.0639	0.136	ND,P	E2502571.d	2025-08-14 16:40	1.161	10.839	8022	502053	63.2	10.746	0.0%
PPSP-13-S-20250730	B18429	1.73	0.459	18.0	69.9	0.517	20118	0.241	0.514	0.0639	0.136	P	E2502578.d	2025-08-14 19:41	1.161	10.839	161658	489633	63.2	10.746	-2.5%
PPSP-12-S-20250730	C55445	1.29	0.344	13.4	69.9	0.517	20117	0.241	0.514	0.0639	0.136	P	E2502579.d	2025-08-14 20:07	1.161	10.838	120083	485961	63.2	10.745	-3.2%
PPSP-11-S-20250730	B52810	1.47	0.391	15.3	69.9	0.517	20118	0.241	0.514	0.0639	0.136	P	E2502580.d	2025-08-14 20:33	1.161	10.839	138236	491921	63.2	10.746	-2.0%
PPSP-10-S-20250730	B27924	1.27	0.338	13.2	69.9	0.517	20119	0.241	0.514	0.0639	0.136	P	E2502581.d	2025-08-14 20:59	1.161	10.839	118818	488815	63.2	10.746	-2.6%
PPSP-9-S-20250730	B47919	1.43	0.380	14.9	69.9	0.517	20118	0.241	0.514	0.0639	0.136	P	E2502583.d	2025-08-14 21:50	1.161	10.839	133709	488731	63.2	10.746	-2.7%
PPSP-8-S-20250730	B46079	1.36	0.361	14.1	69.9	0.517	20119	0.241	0.514	0.0639	0.136	P	E2502584.d	2025-08-14 22:16	1.161	10.846	126288	485950	63.2	10.745	-3.2%
PPSP-8-D-20250730	C17122	2.25	0.598	23.4	69.9	0.517	20119	0.241	0.514	0.0639	0.136	P	E2502585.d	2025-08-14 22:42	1.161	10.846	212382	493753	63.2	10.746	-1.7%
PPSP-7-S-20250730	B17555	1.41	0.376	14.7	69.9	0.517	20119	0.241	0.514	0.0639	0.136	P	E2502586.d	2025-08-14 23:07	1.161	10.846	132070	488869	63.2	10.746	-2.6%

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
PPSP-6-S-20250730	C20572				69.9	0.457	20120	0.272	0.558	0.0627	0.129	ND	E2502572.d	2025-08-14 17:06	1.268	13.031	20831	490807	63.2	10.746	-2.2%
PPSP-5-S-20250730	B18384				69.9	0.457	20121	0.272	0.558	0.0627	0.129	ND	E2502573.d	2025-08-14 17:32	1.268	13.031	19354	493566	63.2	10.746	-1.7%
PPSP-4-S-20250730	B18431				69.9	0.457	20120	0.272	0.558	0.0627	0.129	ND	E2502574.d	2025-08-14 17:57	1.268	13.031	20629	491408	63.2	10.746	-2.1%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW304-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20250730	B50656				69.9	0.457	20120	0.272	0.558	0.0627	0.129	ND	E2502575.d	2025-08-14 18:23	1.268	13.038	16794	500443	63.2	10.745	-0.3%
PPSP-2-S-20250730	C56896				69.9	0.457	20120	0.272	0.558	0.0627	0.129	ND	E2502576.d	2025-08-14 18:49	1.268	13.031	16870	484846	63.2	10.746	-3.4%
PPSP-1-S-20250730	C01466				69.9	0.457	20119	0.272	0.558	0.0627	0.129	ND	E2502577.d	2025-08-14 19:15	1.268	13.031	17040	489504	63.2	10.746	-2.5%
PPSP-1-B-20250730	C15910				69.9	0.457	20119	0.272	0.558	0.0627	0.129	ND	E2502571.d	2025-08-14 16:40	1.268	13.031	2228	502053	63.2	10.746	0.0%
PPSP-13-S-20250730	B18429				69.9	0.457	20118	0.272	0.558	0.0627	0.129	ND	E2502578.d	2025-08-14 19:41	1.268	13.031	17083	489633	63.2	10.746	-2.5%
PPSP-12-S-20250730	C55445				69.9	0.457	20117	0.272	0.558	0.0627	0.129	ND	E2502579.d	2025-08-14 20:07	1.268	13.030	16226	485961	63.2	10.745	-3.2%
PPSP-11-S-20250730	B52810				69.9	0.457	20118	0.272	0.558	0.0627	0.129	ND	E2502580.d	2025-08-14 20:33	1.268	13.038	15099	491921	63.2	10.746	-2.0%
PPSP-10-S-20250730	B27924				69.9	0.457	20119	0.272	0.558	0.0627	0.129	ND	E2502581.d	2025-08-14 20:59	1.268	13.031	20486	488815	63.2	10.746	-2.6%
PPSP-9-S-20250730	B47919				69.9	0.457	20118	0.272	0.558	0.0627	0.129	ND	E2502583.d	2025-08-14 21:50	1.268	13.038	19091	488731	63.2	10.746	-2.7%
PPSP-8-S-20250730	B46079				69.9	0.457	20119	0.272	0.558	0.0627	0.129	ND	E2502584.d	2025-08-14 22:16	1.268	13.030	22607	485950	63.2	10.745	-3.2%
PPSP-8-D-20250730	C17122				69.9	0.457	20119	0.272	0.558	0.0627	0.129	ND	E2502585.d	2025-08-14 22:42	1.268	13.038	20364	493753	63.2	10.746	-1.7%
PPSP-7-S-20250730	B17555	0.281	0.0647	2.58	69.9	0.457	20119	0.272	0.558	0.0627	0.129	J	E2502586.d	2025-08-14 23:07	1.268	13.038	25304	488869	63.2	10.746	-2.6%

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
PPSP-6-S-20250730	C20572	0.504	0.116	4.63	69.9	0.457	20120	0.272	0.527	0.0627	0.121	J	E2502572.d	2025-08-14 17:06	0.957	13.210	34464	490807	63.2	10.746	-2.2%
PPSP-5-S-20250730	B18384	0.587	0.135	5.40	69.9	0.457	20121	0.272	0.527	0.0627	0.121		E2502573.d	2025-08-14 17:32	0.957	13.210	40349	493566	63.2	10.746	-1.7%
PPSP-4-S-20250730	B18431	0.650	0.150	5.97	69.9	0.457	20120	0.272	0.527	0.0627	0.121		E2502574.d	2025-08-14 17:57	0.957	13.210	44485	491408	63.2	10.746	-2.1%
PPSP-3-S-20250730	B50656	0.482	0.111	4.43	69.9	0.457	20120	0.272	0.527	0.0627	0.121	J	E2502575.d	2025-08-14 18:23	0.957	13.210	33603	500443	63.2	10.745	-0.3%
PPSP-2-S-20250730	C56896	0.586	0.135	5.39	69.9	0.457	20120	0.272	0.527	0.0627	0.121		E2502576.d	2025-08-14 18:49	0.957	13.210	39594	484846	63.2	10.746	-3.4%
PPSP-1-S-20250730	C01466	0.503	0.116	4.63	69.9	0.457	20119	0.272	0.527	0.0627	0.121	J	E2502577.d	2025-08-14 19:15	0.957	13.210	34328	489504	63.2	10.746	-2.5%
PPSP-1-B-20250730	C15910				69.9	0.457	20119	0.272	0.527	0.0627	0.121	ND	E2502571.d	2025-08-14 16:40	0.957	13.217	1460	502053	63.2	10.746	0.0%
PPSP-13-S-20250730	B18429	0.515	0.119	4.74	69.9	0.457	20118	0.272	0.527	0.0627	0.121	J	E2502578.d	2025-08-14 19:41	0.957	13.210	35140	489633	63.2	10.746	-2.5%
PPSP-12-S-20250730	C55445	0.438	0.101	4.03	69.9	0.457	20117	0.272	0.527	0.0627	0.121	J	E2502579.d	2025-08-14 20:07	0.957	13.209	29646	485961	63.2	10.745	-3.2%
PPSP-11-S-20250730	B52810	0.420	0.0968	3.86	69.9	0.457	20118	0.272	0.527	0.0627	0.121	J	E2502580.d	2025-08-14 20:33	0.957	13.210	28778	491921	63.2	10.746	-2.0%
PPSP-10-S-20250730	B27924	0.630	0.145	5.79	69.9	0.457	20119	0.272	0.527	0.0627	0.121		E2502581.d	2025-08-14 20:59	0.957	13.210	42884	488815	63.2	10.746	-2.6%
PPSP-9-S-20250730	B47919	0.615	0.142	5.65	69.9	0.457	20118	0.272	0.527	0.0627	0.121		E2502583.d	2025-08-14 21:50	0.957	13.210	41866	488731	63.2	10.746	-2.7%
PPSP-8-S-20250730	B46079	0.651	0.150	5.99	69.9	0.457	20119	0.272	0.527	0.0627	0.121		E2502584.d	2025-08-14 22:16	0.957	13.209	44077	485950	63.2	10.745	-3.2%
PPSP-8-D-20250730	C17122	0.602	0.139	5.54	69.9	0.457	20119	0.272	0.527	0.0627	0.121		E2502585.d	2025-08-14 22:42	0.957	13.210	41427	493753	63.2	10.746	-1.7%
PPSP-7-S-20250730	B17555	0.737	0.170	6.78	69.9	0.457	20119	0.272	0.527	0.0627	0.121		E2502586.d	2025-08-14 23:07	0.957	13.210	50194	488869	63.2	10.746	-2.6%

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
PPSP-6-S-20250730	C20572				69.9	0.457	20120	0.272	0.550	0.0627	0.127	ND	E2502572.d	2025-08-14 17:06	0.932	13.711	12086	490807	63.2	10.746	-2.2%
PPSP-5-S-20250730	B18384				69.9	0.457	20121	0.272	0.550	0.0627	0.127	ND	E2502573.d	2025-08-14 17:32	0.932	13.711	13948	493566	63.2	10.746	-1.7%
PPSP-4-S-20250730	B18431				69.9	0.457	20120	0.272	0.550	0.0627	0.127	ND	E2502574.d	2025-08-14 17:57	0.932	13.711	15255	491408	63.2	10.746	-2.1%
PPSP-3-S-20250730	B50656				69.9	0.457	20120	0.272	0.550	0.0627	0.127	ND	E2502575.d	2025-08-14 18:23	0.932	13.711	11299	500443	63.2	10.745	-0.3%
PPSP-2-S-20250730	C56896				69.9	0.457	20120	0.272	0.550	0.0627	0.127	ND	E2502576.d	2025-08-14 18:49	0.932	13.711	14287	484846	63.2	10.746	-3.4%
PPSP-1-S-20250730	C01466				69.9	0.457	20119	0.272	0.550	0.0627	0.127	ND	E2502577.d	2025-08-14 19:15	0.932	13.711	12514	489504	63.2	10.746	-2.5%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW304-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20250730	C15910				69.9	0.457	20119	0.272	0.550	0.0627	0.127	ND	E2502571.d	2025-08-14 16:40	0.932	13.718	442	502053	63.2	10.746	0.0%
PPSP-13-S-20250730	B18429				69.9	0.457	20118	0.272	0.550	0.0627	0.127	ND	E2502578.d	2025-08-14 19:41	0.932	13.711	12853	489633	63.2	10.746	-2.5%
PPSP-12-S-20250730	C55445				69.9	0.457	20117	0.272	0.550	0.0627	0.127	ND	E2502579.d	2025-08-14 20:07	0.932	13.711	9507	485961	63.2	10.745	-3.2%
PPSP-11-S-20250730	B52810				69.9	0.457	20118	0.272	0.550	0.0627	0.127	ND	E2502580.d	2025-08-14 20:33	0.932	13.711	10594	491921	63.2	10.746	-2.0%
PPSP-10-S-20250730	B27924				69.9	0.457	20119	0.272	0.550	0.0627	0.127	ND	E2502581.d	2025-08-14 20:59	0.932	13.711	15293	488815	63.2	10.746	-2.6%
PPSP-9-S-20250730	B47919				69.9	0.457	20118	0.272	0.550	0.0627	0.127	ND	E2502583.d	2025-08-14 21:50	0.932	13.711	16174	488731	63.2	10.746	-2.7%
PPSP-8-S-20250730	B46079				69.9	0.457	20119	0.272	0.550	0.0627	0.127	ND	E2502584.d	2025-08-14 22:16	0.932	13.711	15446	485950	63.2	10.745	-3.2%
PPSP-8-D-20250730	C17122				69.9	0.457	20119	0.272	0.550	0.0627	0.127	ND	E2502585.d	2025-08-14 22:42	0.932	13.711	14392	493753	63.2	10.746	-1.7%
PPSP-7-S-20250730	B17555				69.9	0.457	20119	0.272	0.550	0.0627	0.127	ND	E2502586.d	2025-08-14 23:07	0.932	13.711	16815	488869	63.2	10.746	-2.6%

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

QC Data

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW304-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250730	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250730	2.5%	Pass	49%	Fail	ND	Pass	7.8%	Pass	ND	Pass

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW304-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	E2502569.d	C71504	Cal	0.995	0.877	0.995	14%	-14%		Pass	
2025FW304 Method Blank-1	E2502570.d	C39286	Blank		0.877	0.995			1.9%	Pass	ND
M325B CCV 5	E2502582.d	C69438	Check	0.988	0.877	0.995	13%		-2.2%	Pass	
M325B CCV 5 REC	E2502587.d	C71469	Check	0.982	0.877	0.995	12%		-0.48%	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	E2502569.d	C71504	Cal	1.161	0.989	1.161	17%	-7.7%		Pass	
2025FW304 Method Blank-1	E2502570.d	C39286	Blank		0.989	1.161			2.6%	Pass	ND
M325B CCV 5	E2502582.d	C69438	Check	1.093	0.989	1.161	10%		-1.3%	Pass	
M325B CCV 5 REC	E2502587.d	C71469	Check	1.150	0.989	1.161	16%		-0.63%	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	E2502569.d	C71504	Cal	1.268	1.195	1.268	6.1%	-7.7%		Pass	
2025FW304 Method Blank-1	E2502570.d	C39286	Blank		1.195	1.268			2.6%	Pass	ND
M325B CCV 5	E2502582.d	C69438	Check	1.034	1.195	1.268	-13%		-1.3%	Pass	
M325B CCV 5 REC	E2502587.d	C71469	Check	1.240	1.195	1.268	3.8%		-0.63%	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	E2502569.d	C71504	Cal	0.957	1.037	0.957	-7.7%	-7.7%		Pass	
2025FW304 Method Blank-1	E2502570.d	C39286	Blank		1.037	0.957			2.6%	Pass	ND
M325B CCV 5	E2502582.d	C69438	Check	0.756	1.037	0.957	-27%		-1.3%	Pass	
M325B CCV 5 REC	E2502587.d	C71469	Check	0.938	1.037	0.957	-9.6%		-0.63%	Pass	

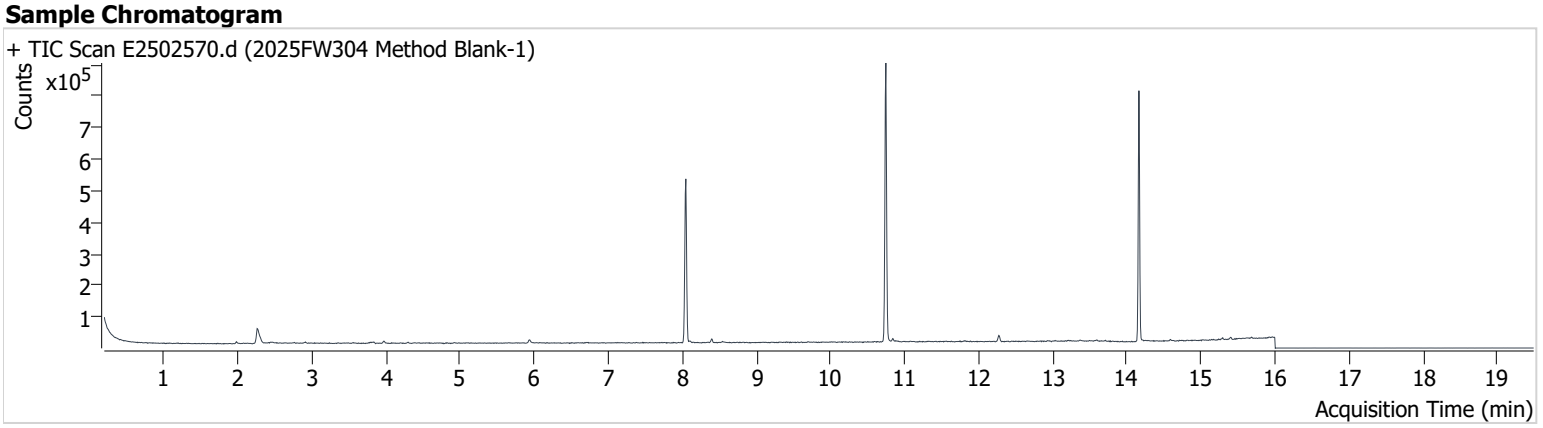
o-Xylene Calibration and Blanks

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	E2502569.d	C71504	Cal	0.932	0.950	0.932	-1.9%	-7.7%		Pass	
2025FW304 Method Blank-1	E2502570.d	C39286	Blank		0.950	0.932			2.6%	Pass	ND
M325B CCV 5	E2502582.d	C69438	Check	0.772	0.950	0.932	-19%		-1.3%	Pass	
M325B CCV 5 REC	E2502587.d	C71469	Check	0.933	0.950	0.932	-1.8%		-0.63%	Pass	

Chromatograms

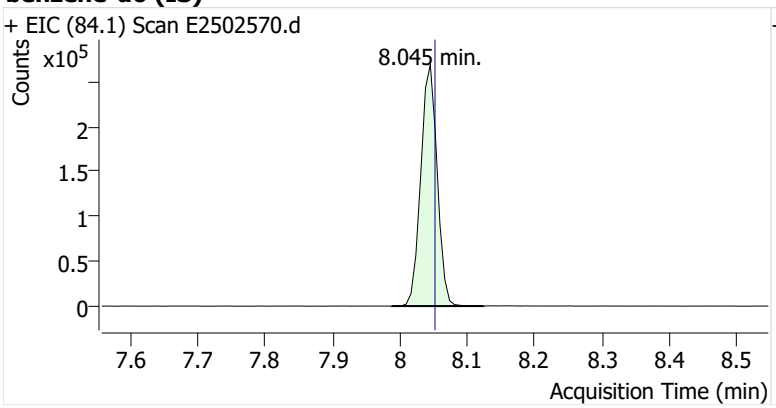
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Comment	C39286
Data File	E2502570.d
Acq. Date-Time	8/14/2025 4:14:42 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

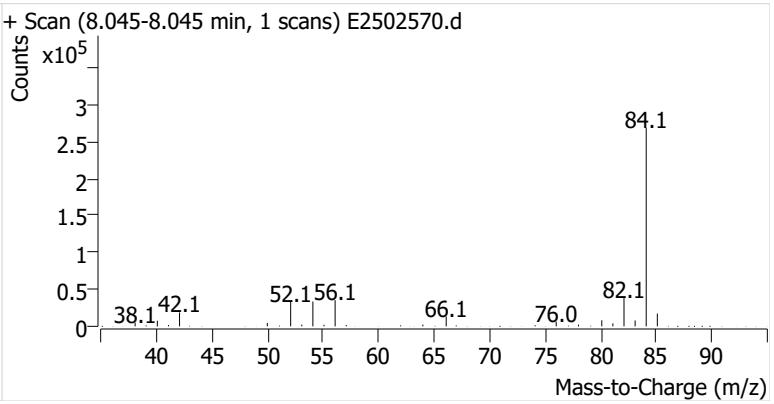
Sample Chromatogram



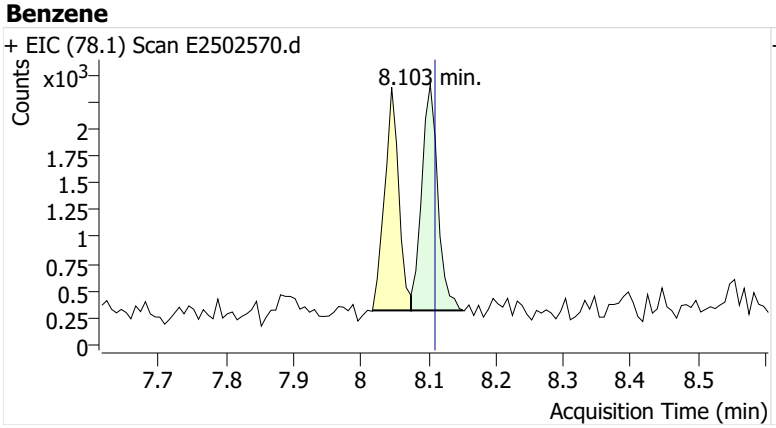
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	453,614	
Benzene	benzene-d6 (IS)	8.103	8.110	3,478	
Toluene-d8 (IS)		10.746	10.753	514,990	
Toluene	Toluene-d8 (IS)	10.839	10.846	5,886	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	880	
m-/p-Xylenes	Toluene-d8 (IS)	13.231	13.217	1,053	m
o-Xylene	Toluene-d8 (IS)	13.661	13.718	93	

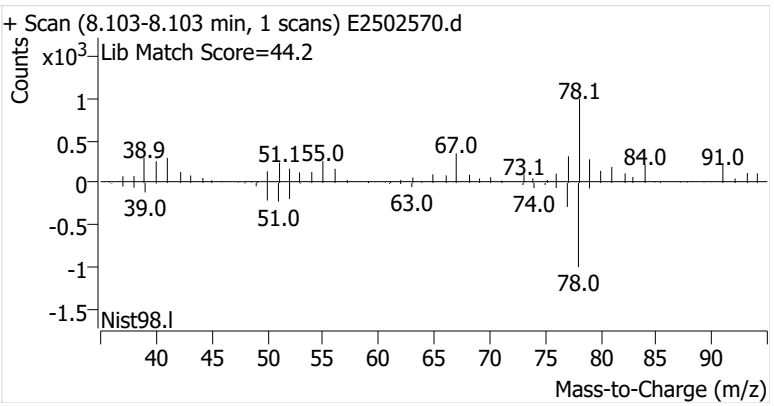
benzene-d6 (IS)



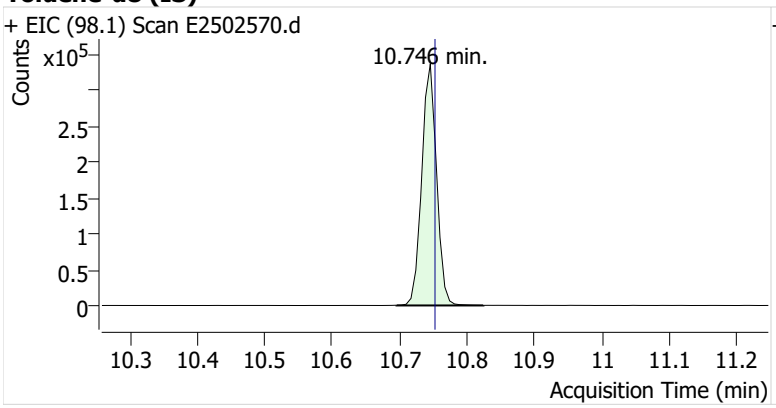


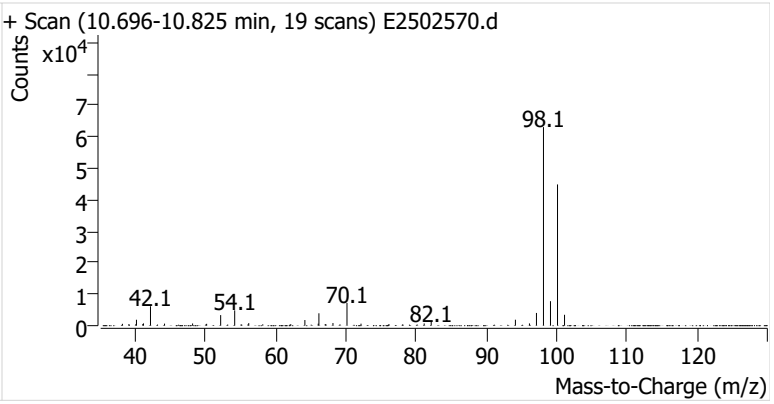
Benzene



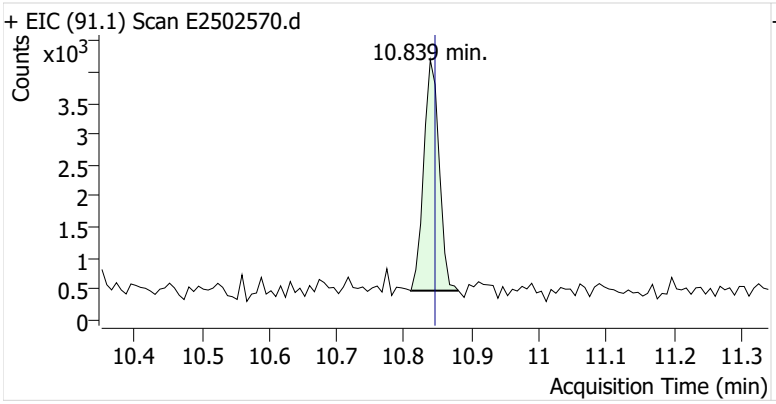


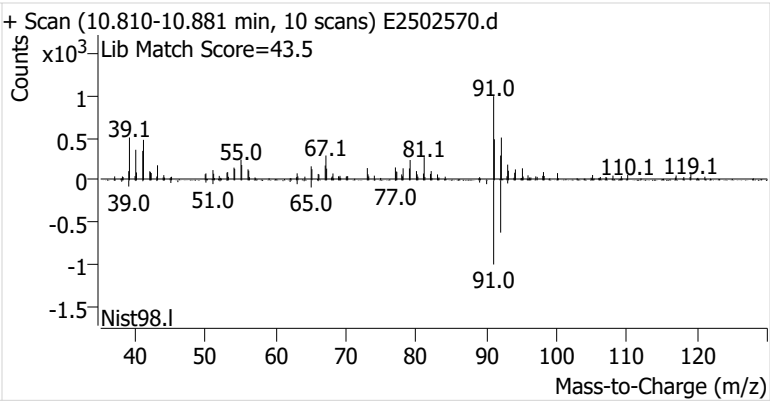
Toluene-d8 (IS)



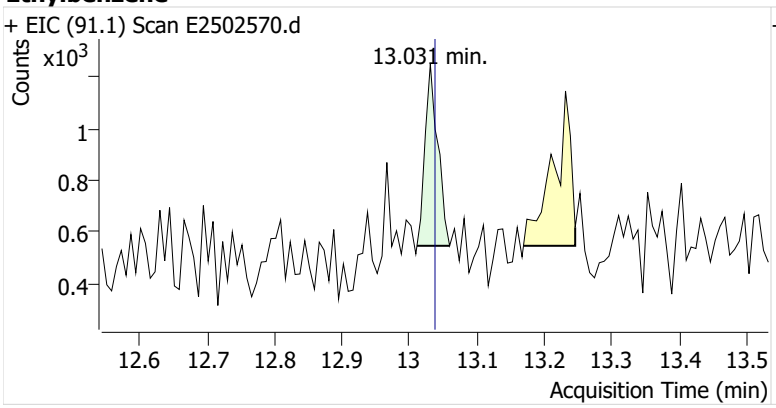


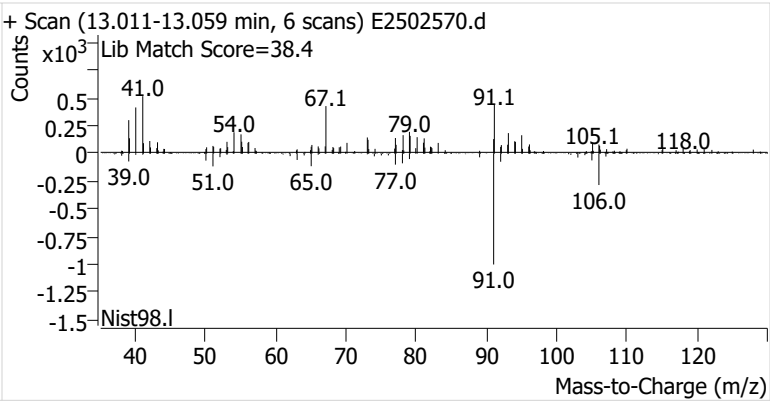
Toluene



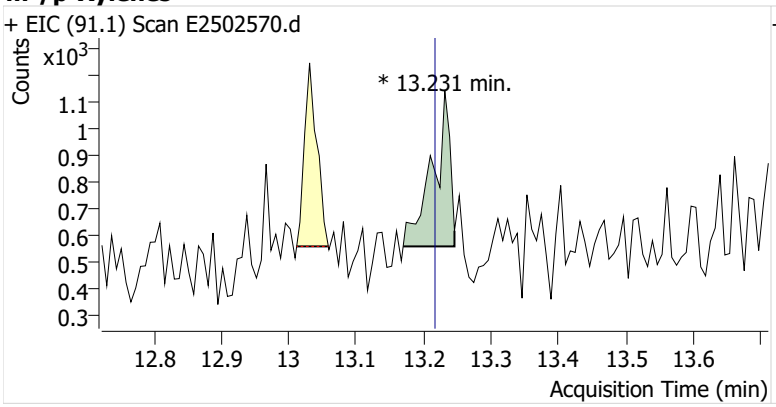


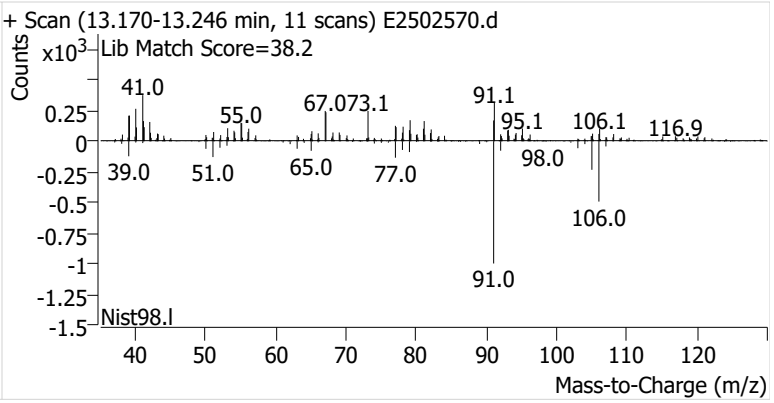
Ethylbenzene



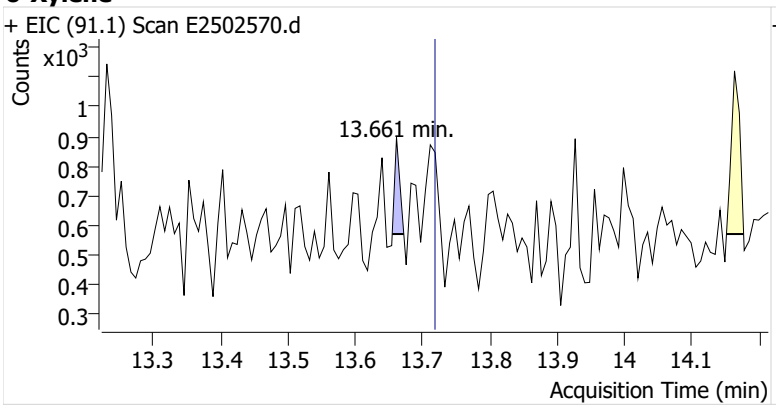


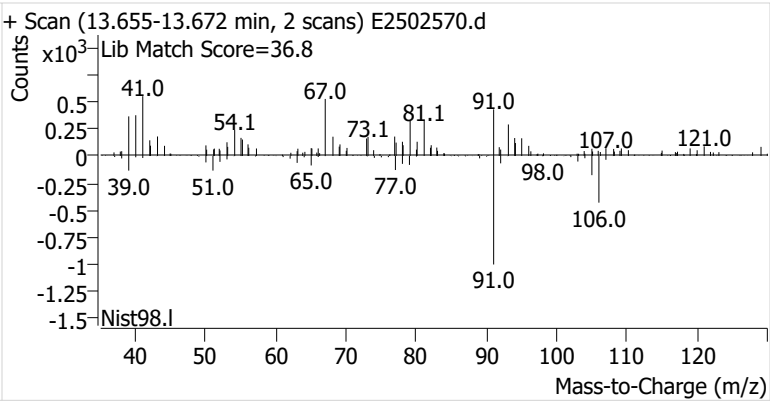
m-/p-Xylenes





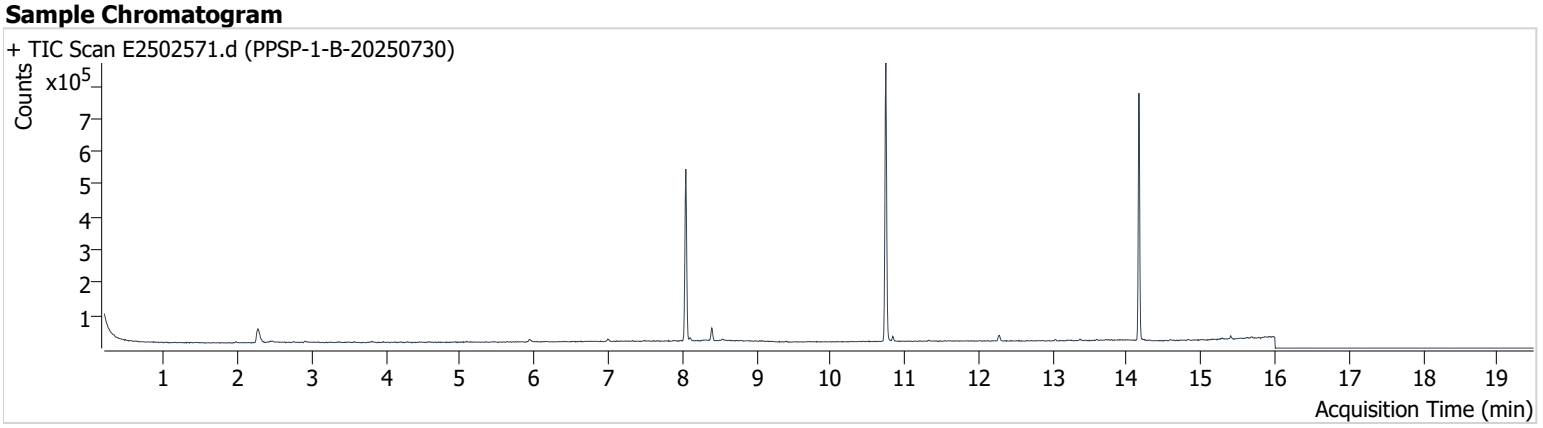
o-Xylene


+ EIC (91.1) Scan E2502570.d
Counts
x10^3
13.661 min.
Acquisition Time (min)


+ Scan (13.655-13.672 min, 2 scans) E2502570.d
Lib Match Score=36.8
Counts
x10^3
41.0
67.0
91.0
54.1
73.1
81.1
107.0
121.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

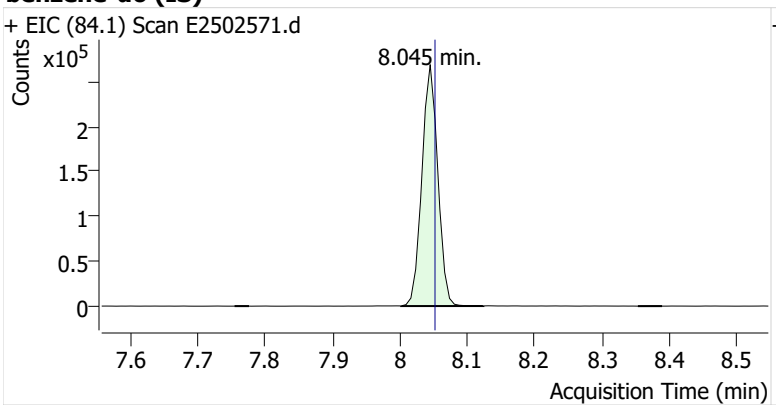
Name	PPSP-1-B-20250730
Comment	C15910
Data File	E2502571.d
Acq. Date-Time	8/14/2025 4:40:29 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

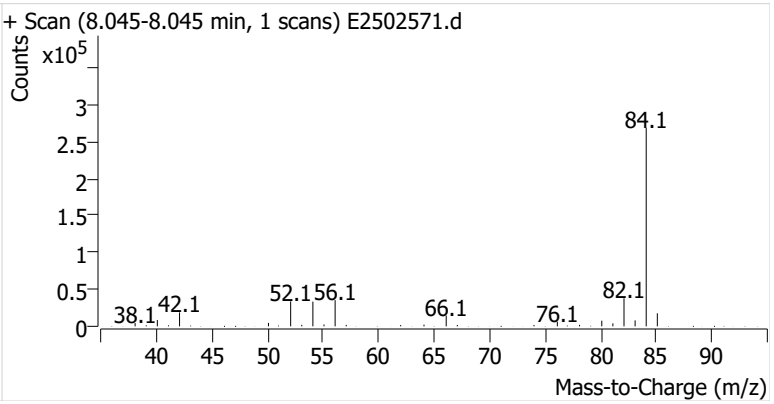
Sample Chromatogram



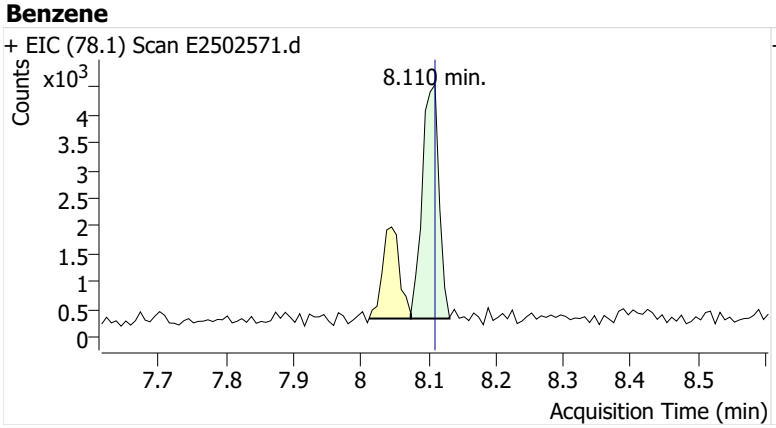
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	440,339	
Benzene	benzene-d6 (IS)	8.110	8.110	7,295	
Toluene-d8 (IS)		10.746	10.753	502,053	
Toluene	Toluene-d8 (IS)	10.839	10.846	8,022	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	2,228	
m-/p-Xylenes	Toluene-d8 (IS)	13.217	13.217	1,460	
o-Xylene	Toluene-d8 (IS)	13.718	13.718	442	

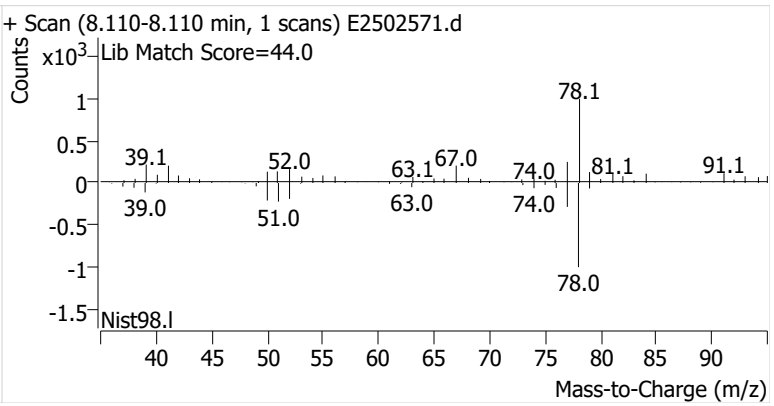
benzene-d6 (IS)



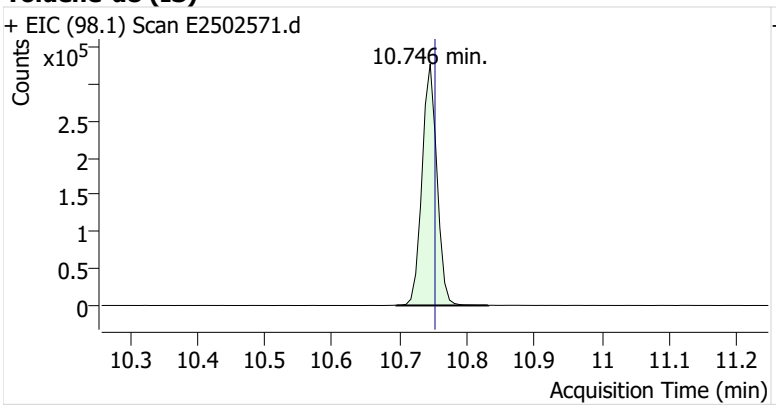


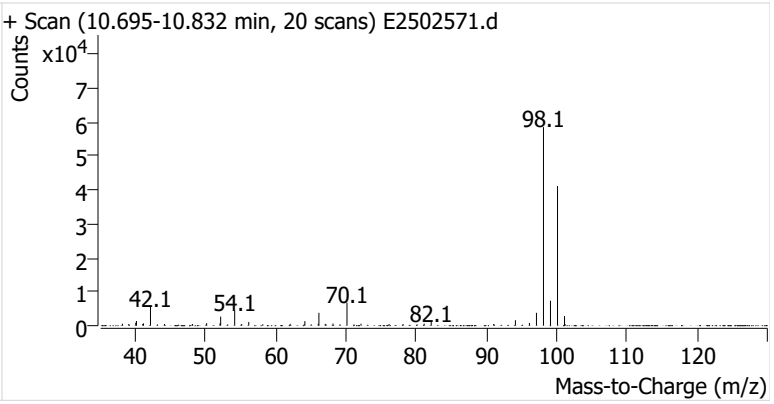
Benzene



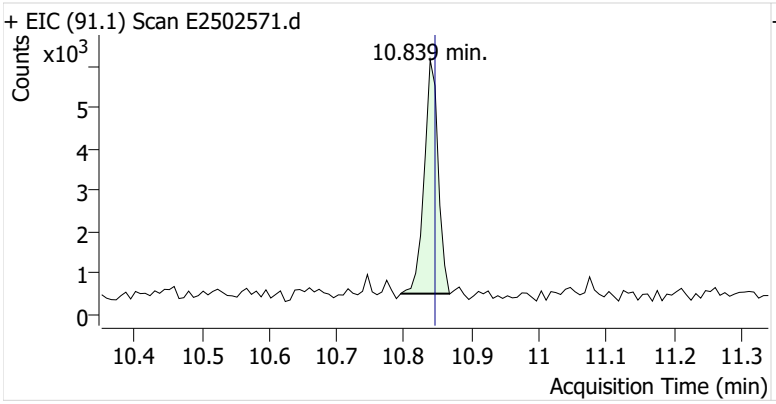


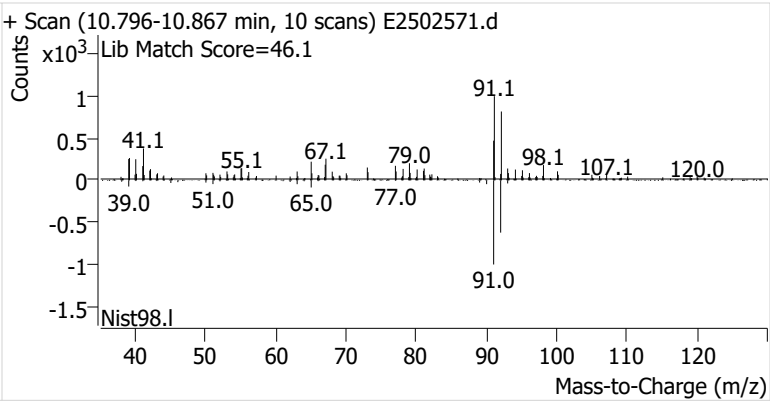
Toluene-d8 (IS)



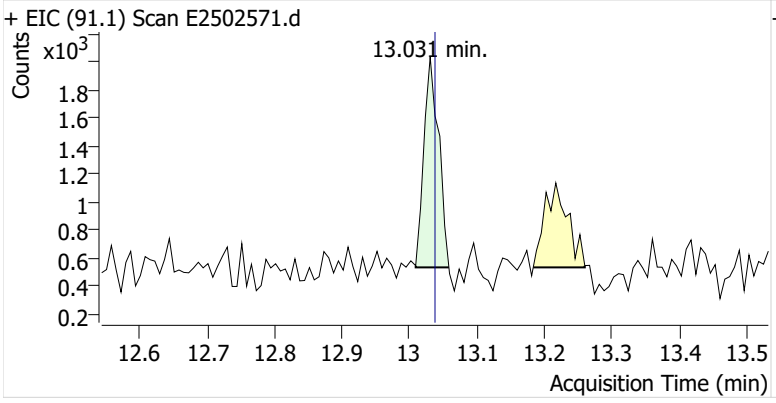


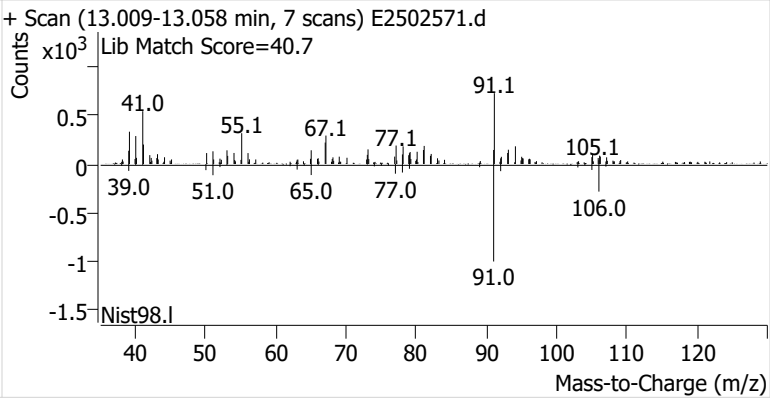
Toluene



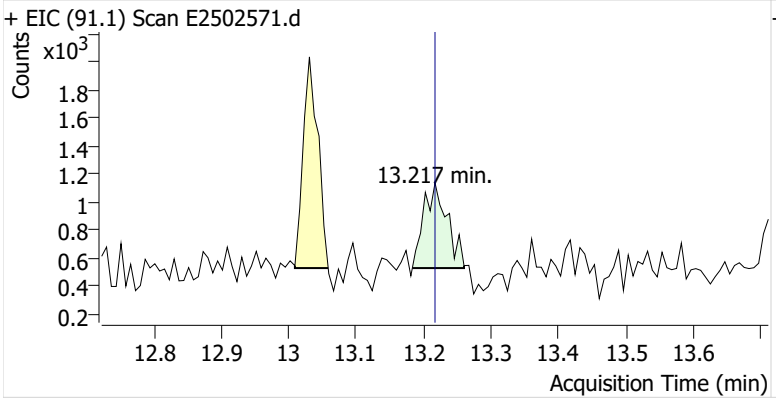


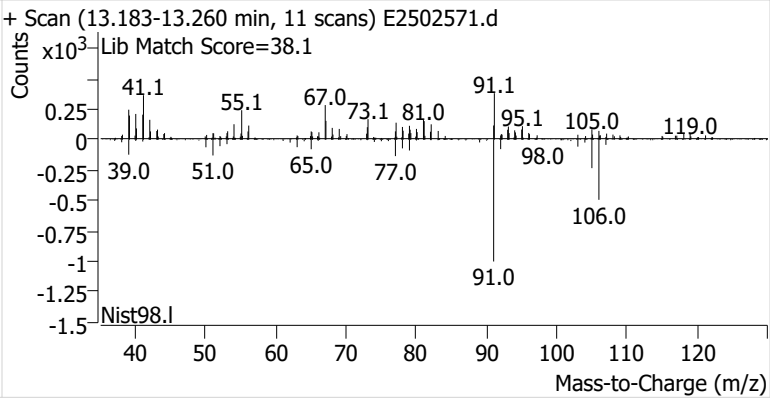
Ethylbenzene



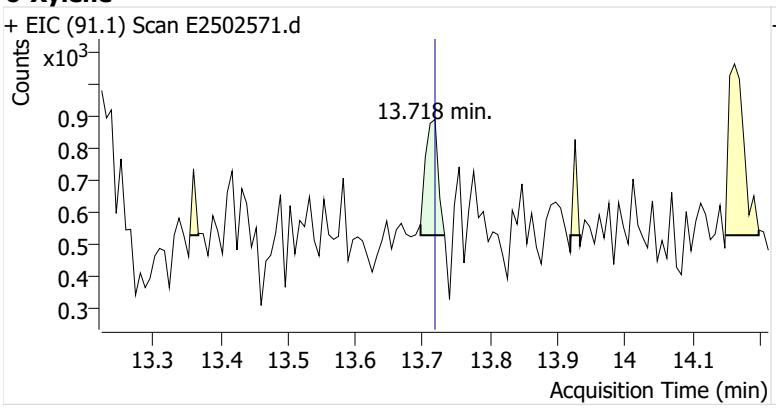


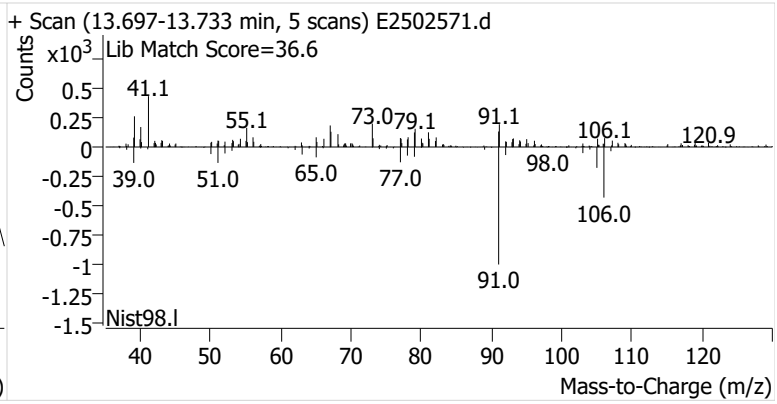
m-/p-Xylenes





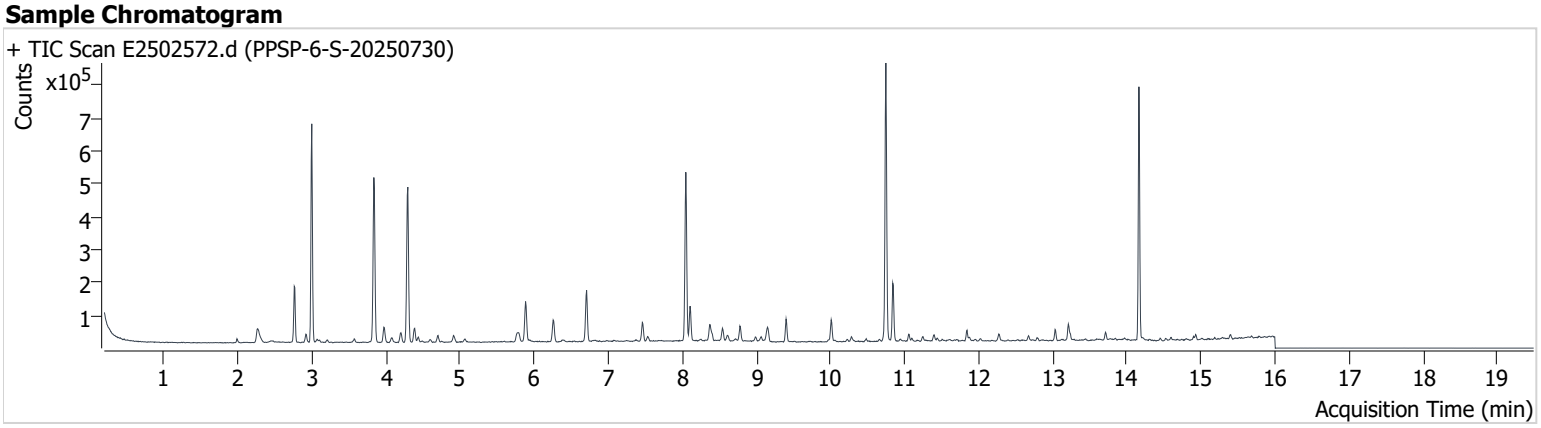
o-Xylene


+ EIC (91.1) Scan E2502571.d
Counts
x10^3
0.9
0.8
0.7
0.6
0.5
0.4
0.3
13.718 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.697-13.733 min, 5 scans) E2502571.d
Counts
x10^3
Lib Match Score=36.6
0.5
0.25
0
-0.25
-0.5
-0.75
-1
-1.25
-1.5
41.1
55.1
73.0
79.1
91.1
106.1
120.9
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

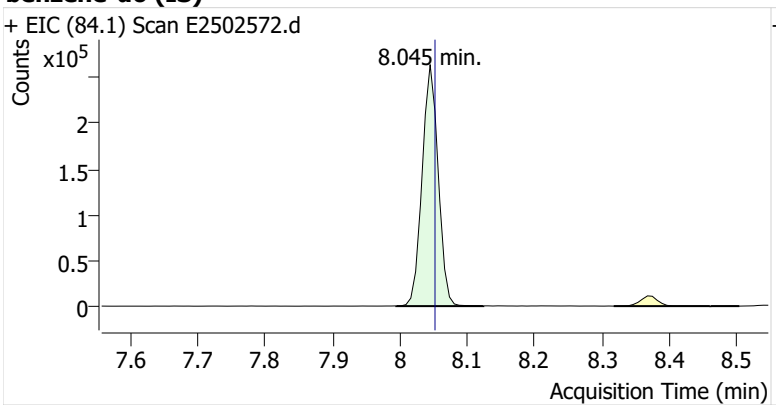
Name	PPSP-6-S-20250730
Comment	C20572
Data File	E2502572.d
Acq. Date-Time	8/14/2025 5:06:15 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

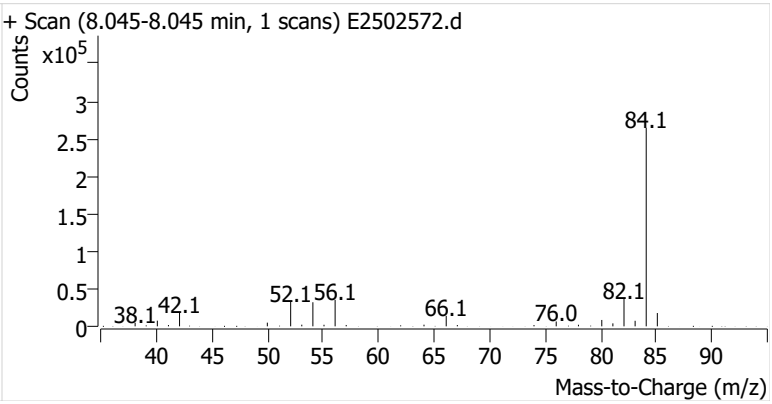
Sample Chromatogram



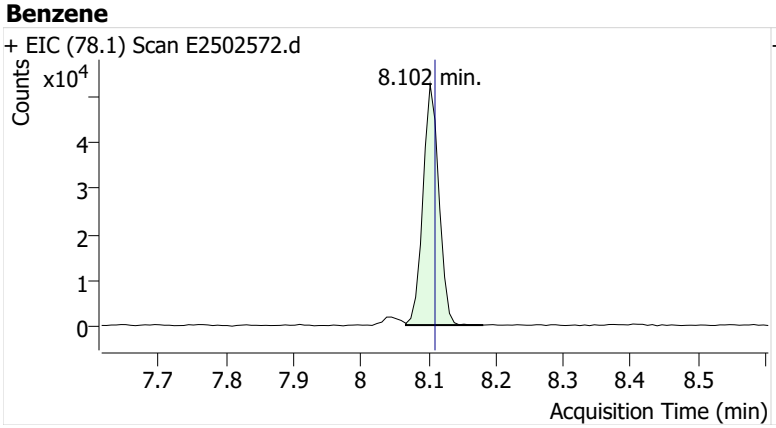
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	437,728	
Benzene	benzene-d6 (IS)	8.102	8.110	85,655	
Toluene-d8 (IS)		10.746	10.753	490,807	
Toluene	Toluene-d8 (IS)	10.839	10.846	109,624	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	20,831	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	34,464	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	12,086	

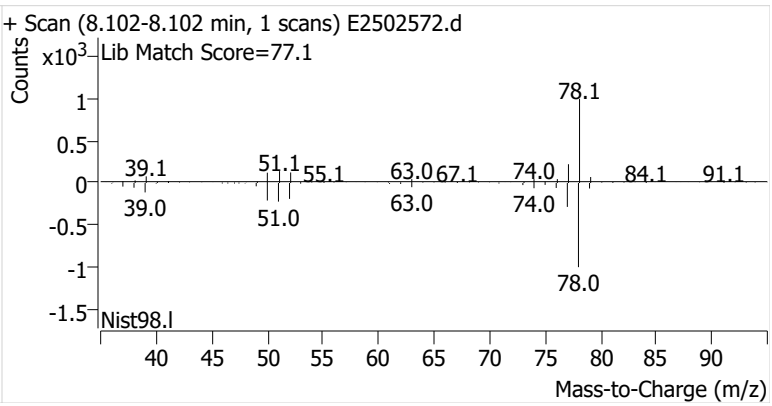
benzene-d6 (IS)



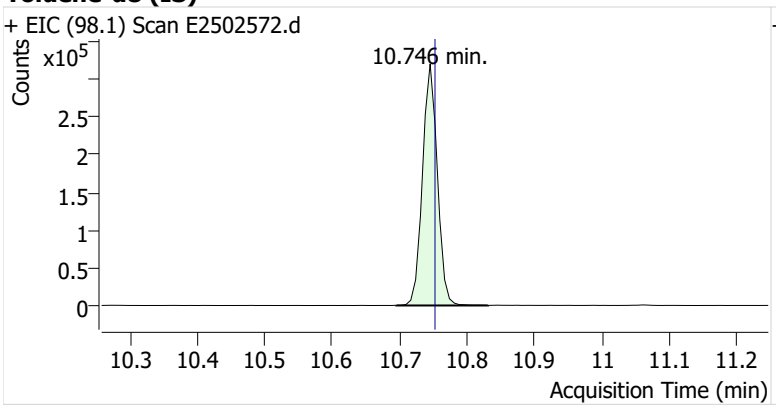


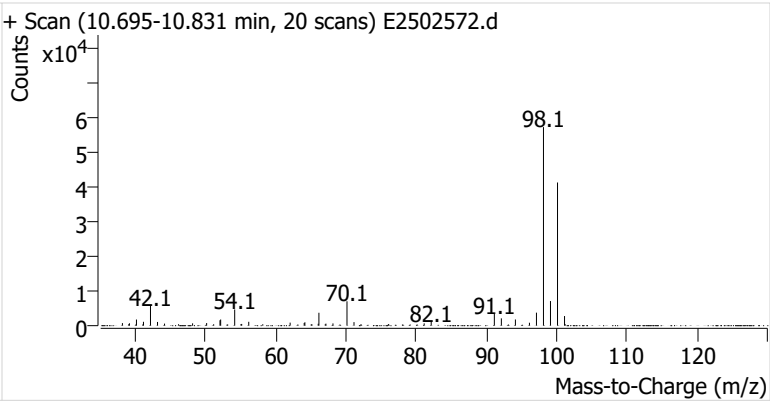
Benzene



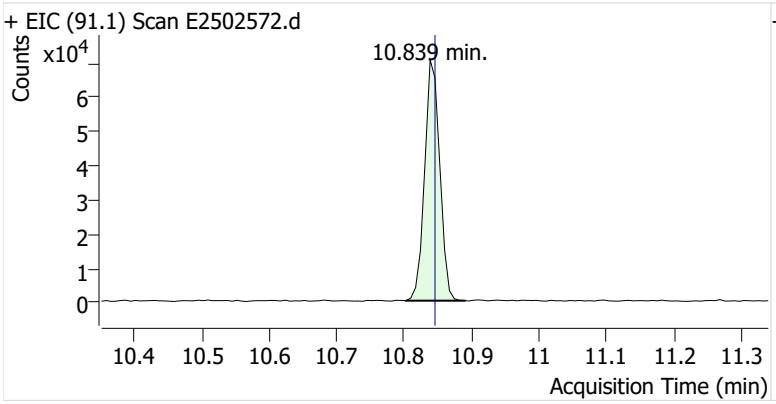


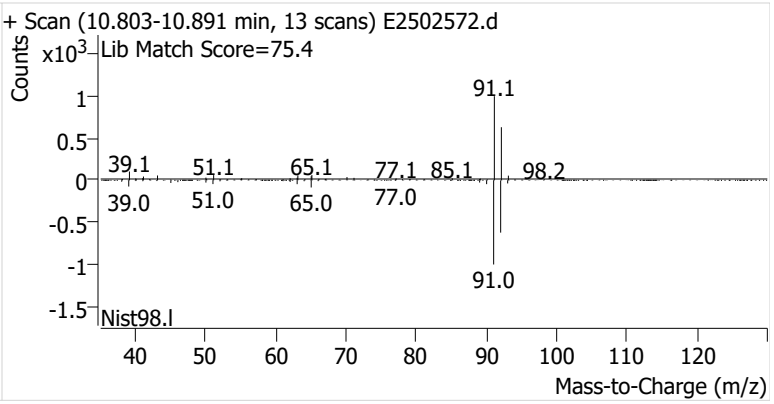
Toluene-d8 (IS)



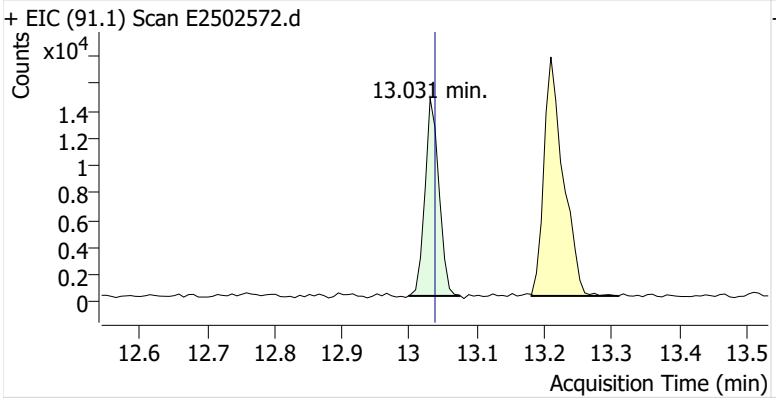


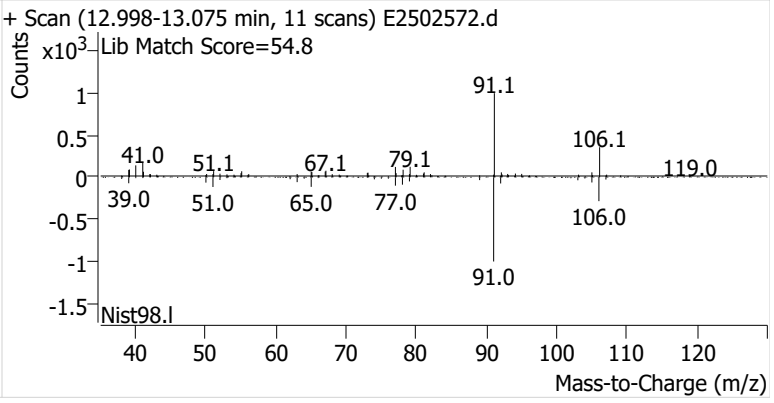
Toluene



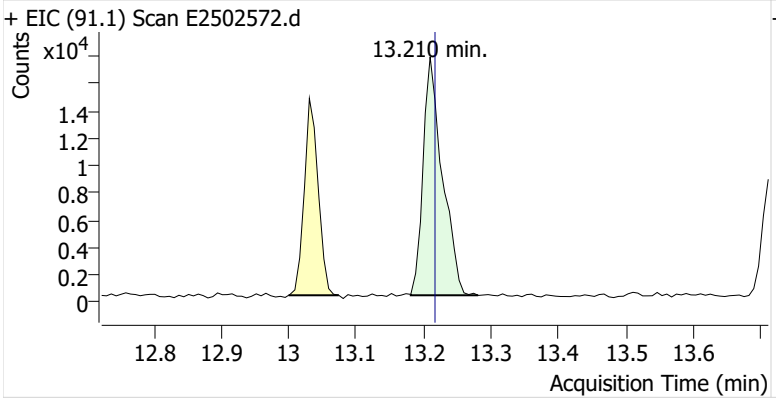


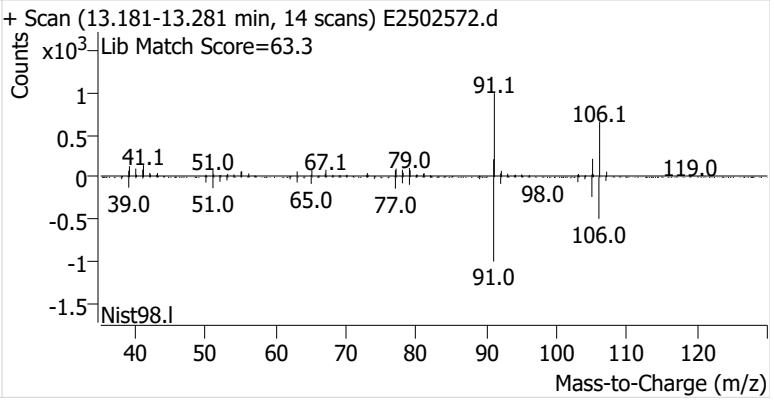
Ethylbenzene



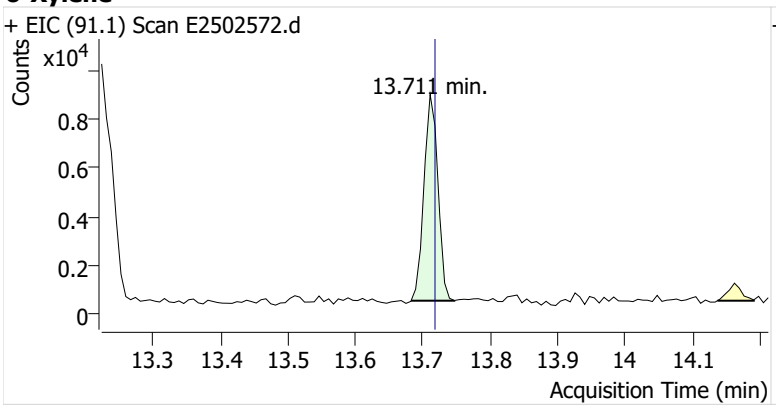


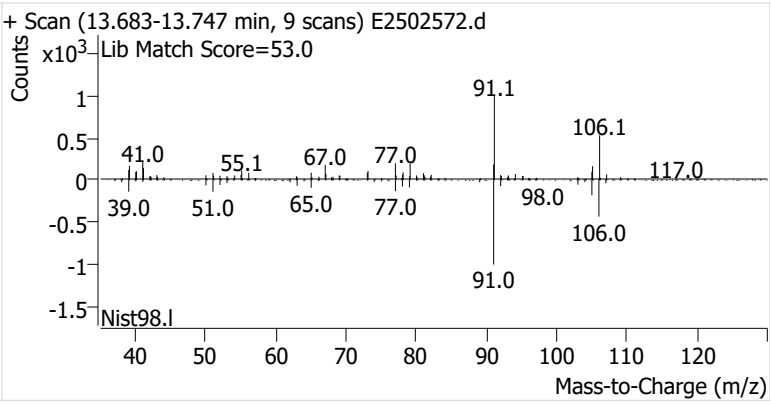
m-/p-Xylenes





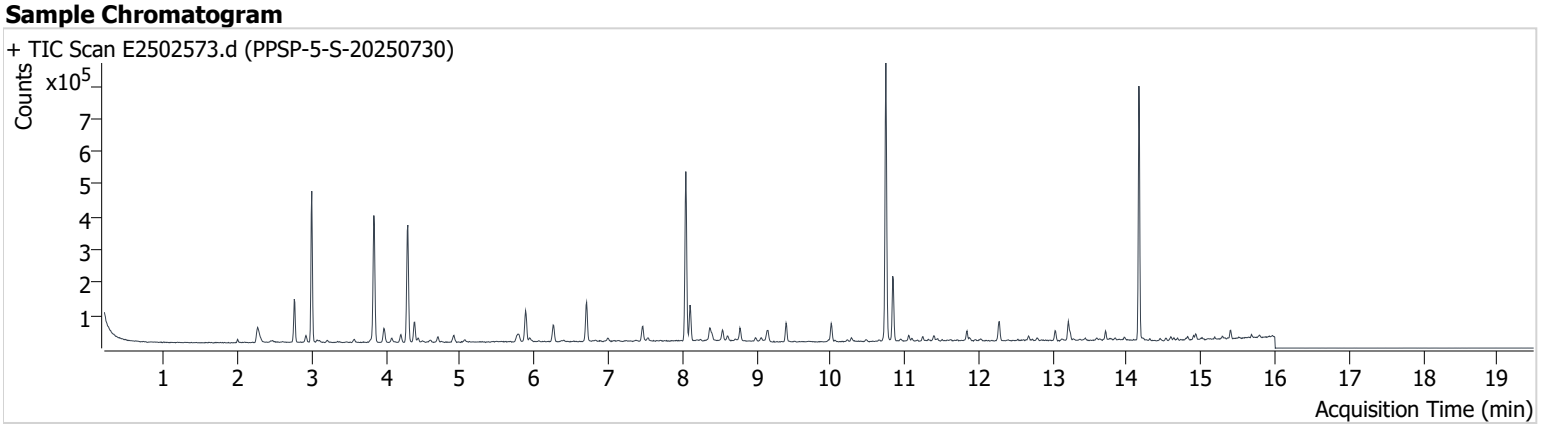
o-Xylene


+ EIC (91.1) Scan E2502572.d
Counts
x10^4
13.711 min.
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.683-13.747 min, 9 scans) E2502572.d
Counts
x10^3
Lib Match Score=53.0
91.1
106.1
41.0
55.1
67.0
77.0
117.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

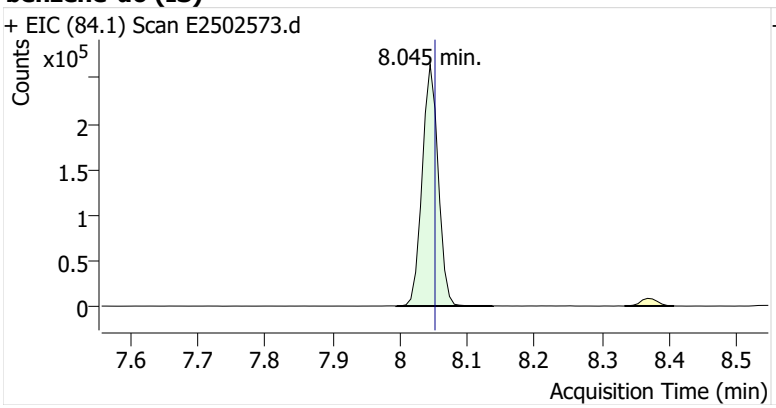
Name	PPSP-5-S-20250730
Comment	B18384
Data File	E2502573.d
Acq. Date-Time	8/14/2025 5:32:06 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

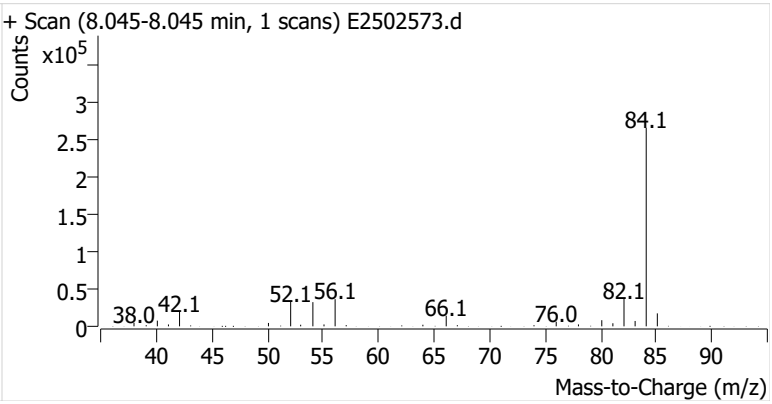
Sample Chromatogram



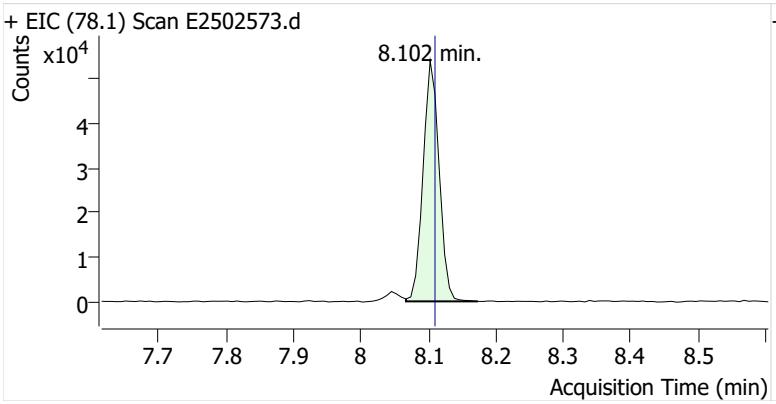
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	436,603	
Benzene	benzene-d6 (IS)	8.102	8.110	88,490	
Toluene-d8 (IS)		10.746	10.753	493,566	
Toluene	Toluene-d8 (IS)	10.839	10.846	126,248	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	19,354	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	40,349	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	13,948	

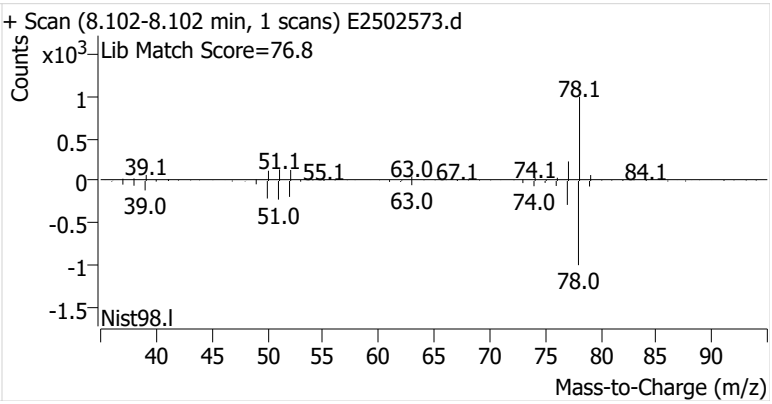
benzene-d6 (IS)



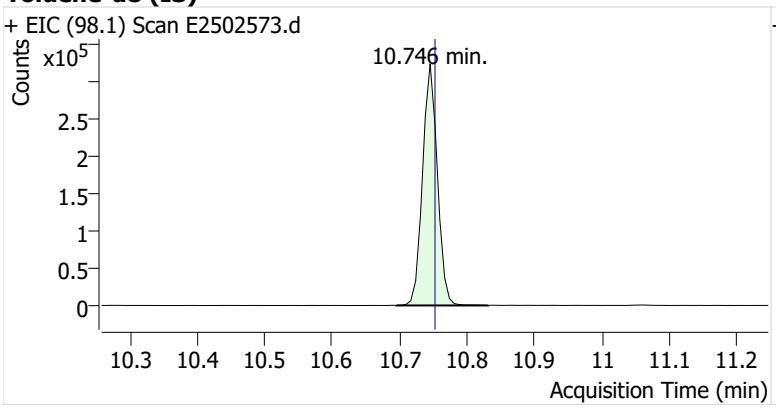


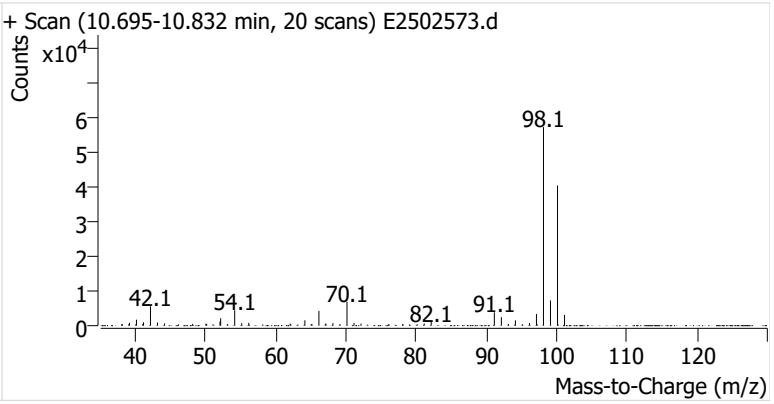
Benzene



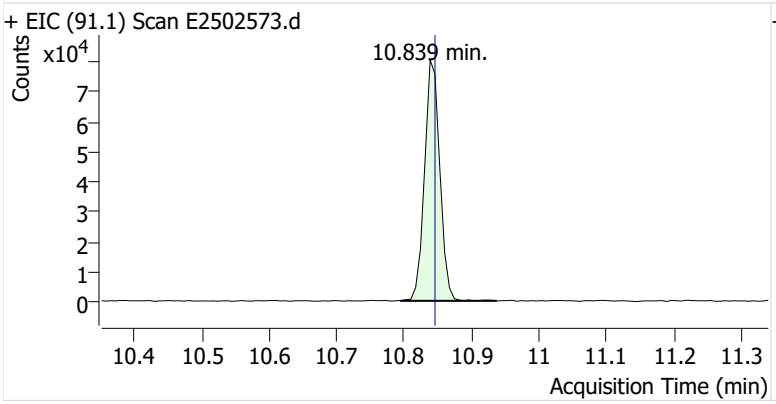


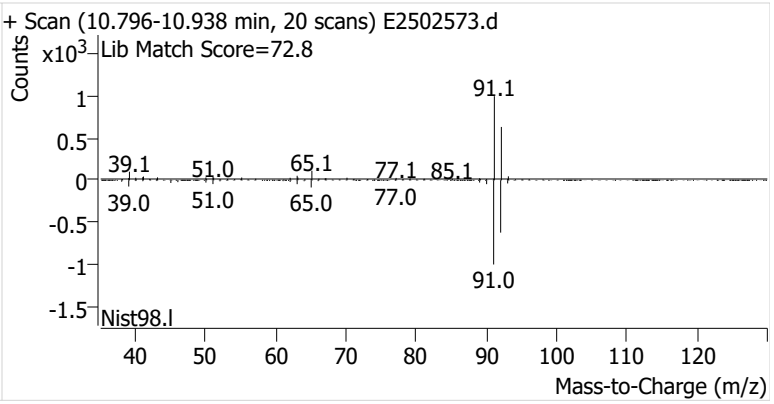
Toluene-d8 (IS)



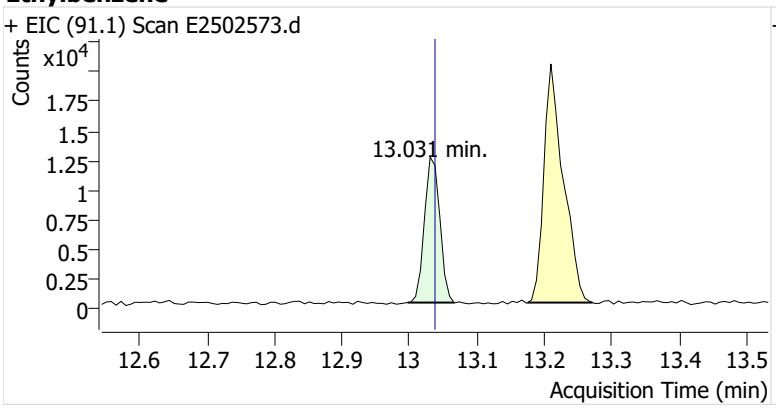


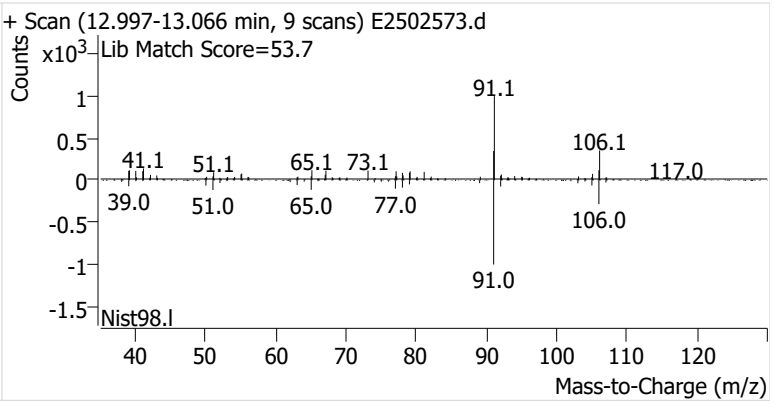
Toluene



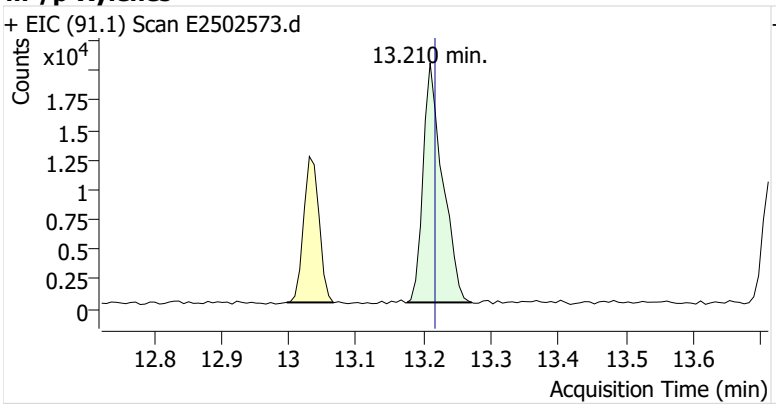


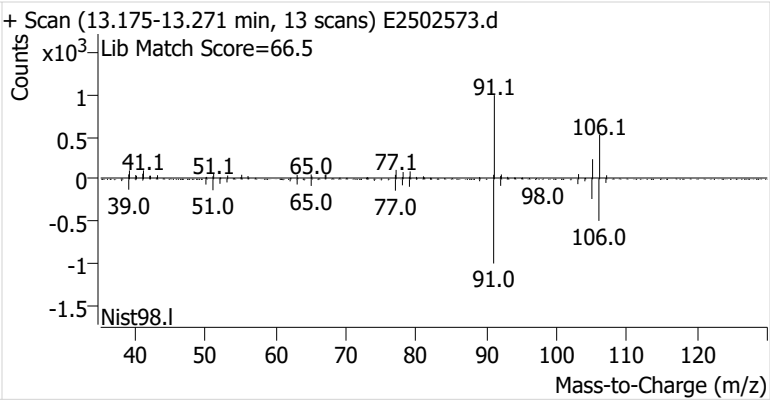
Ethylbenzene



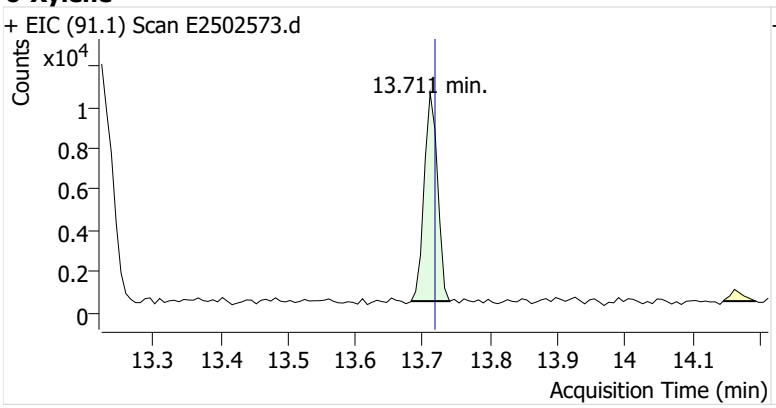


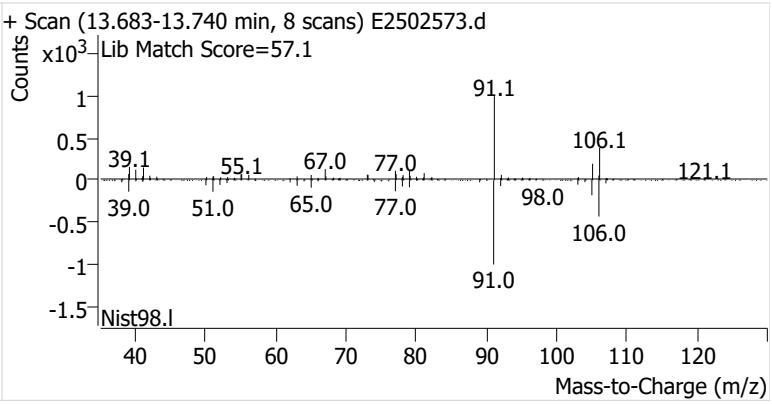
m-/p-Xylenes





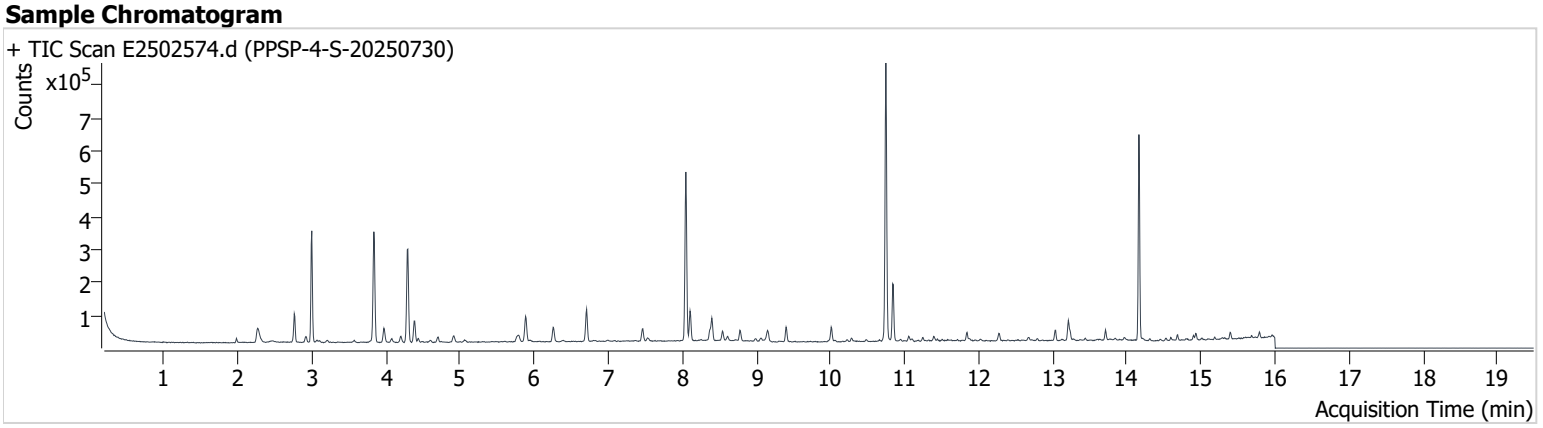
o-Xylene


+ EIC (91.1) Scan E2502573.d
Counts
x10^4
13.711 min.
1
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.683-13.740 min, 8 scans) E2502573.d
Lib Match Score=57.1
Counts
x10^3
91.1
106.1
39.1
55.1
67.0
77.0
121.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
1
0.5
0
-0.5
-1
-1.5
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

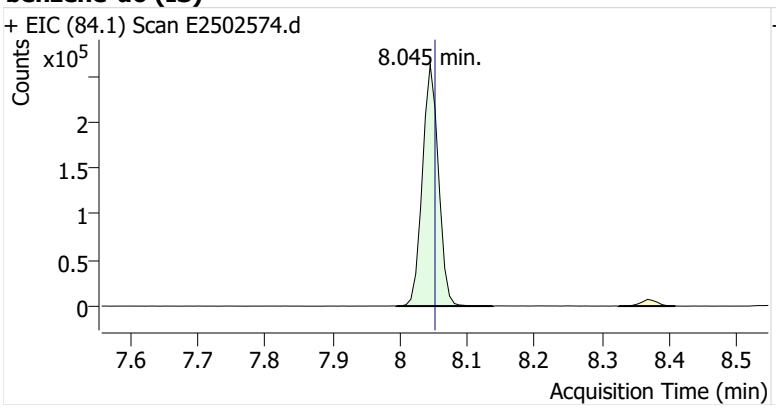
Name	PPSP-4-S-20250730
Comment	B18431
Data File	E2502574.d
Acq. Date-Time	8/14/2025 5:57:55 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

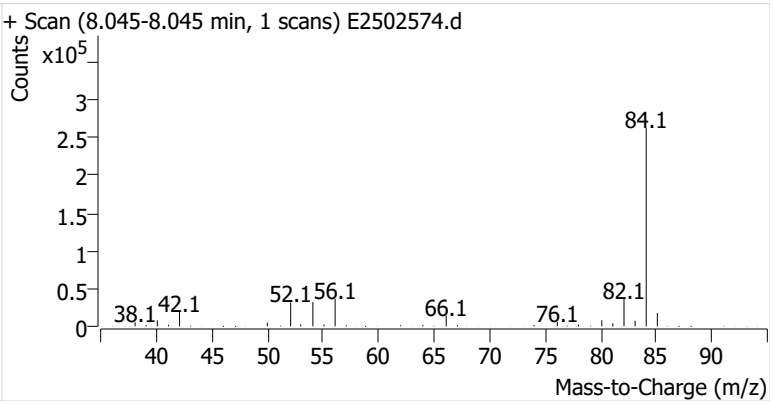
Sample Chromatogram



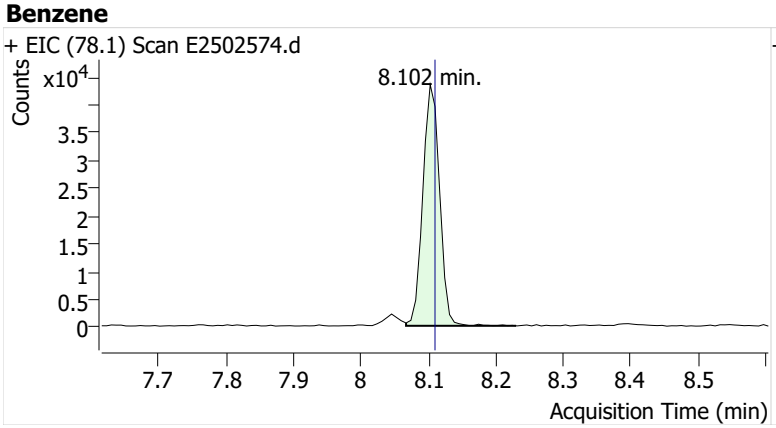
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	435,193	
Benzene	benzene-d6 (IS)	8.102	8.110	74,923	
Toluene-d8 (IS)		10.746	10.753	491,408	
Toluene	Toluene-d8 (IS)	10.839	10.846	109,163	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	20,629	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	44,485	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	15,255	

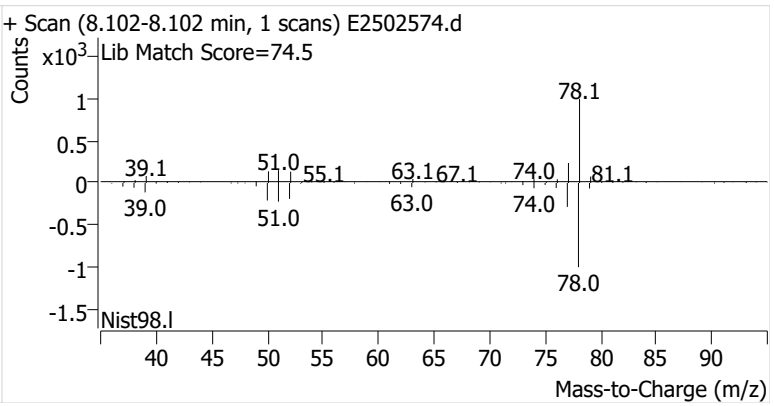
benzene-d6 (IS)



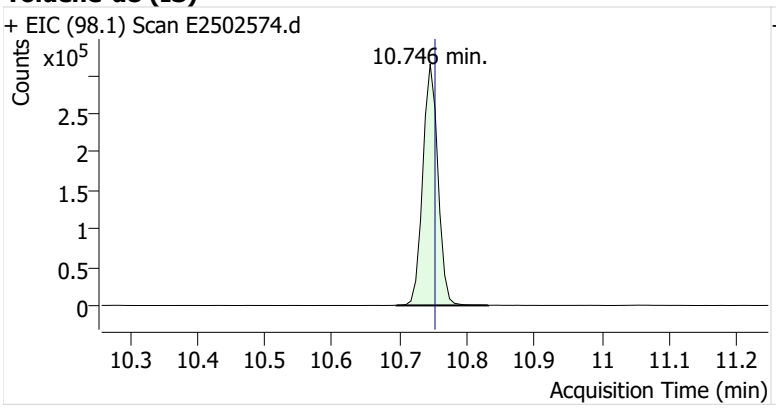


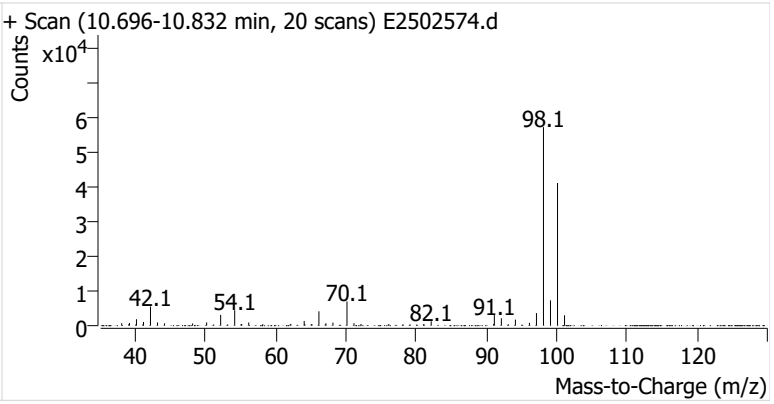
Benzene



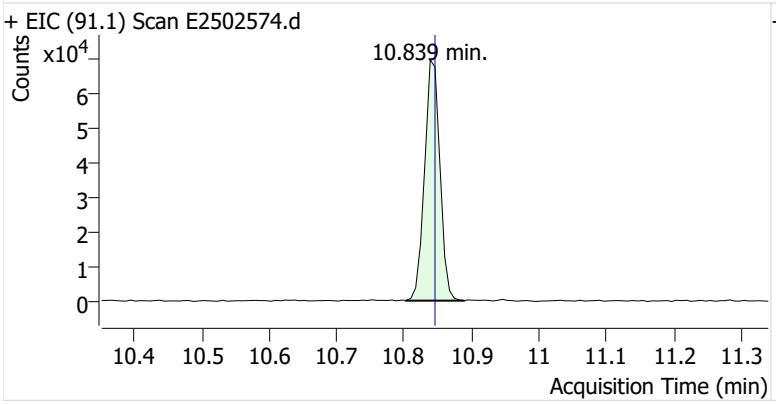


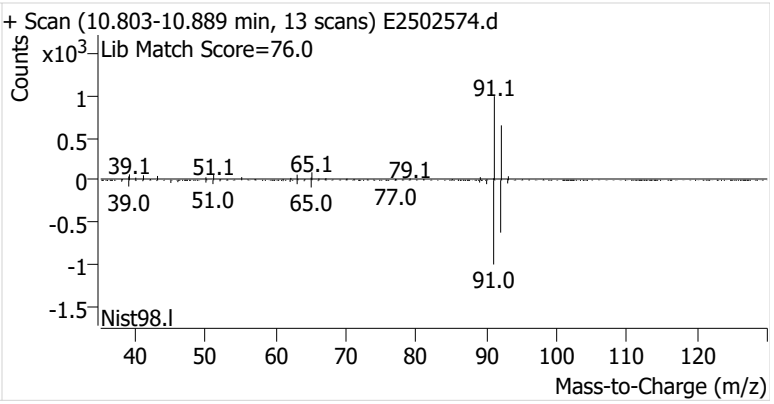
Toluene-d8 (IS)



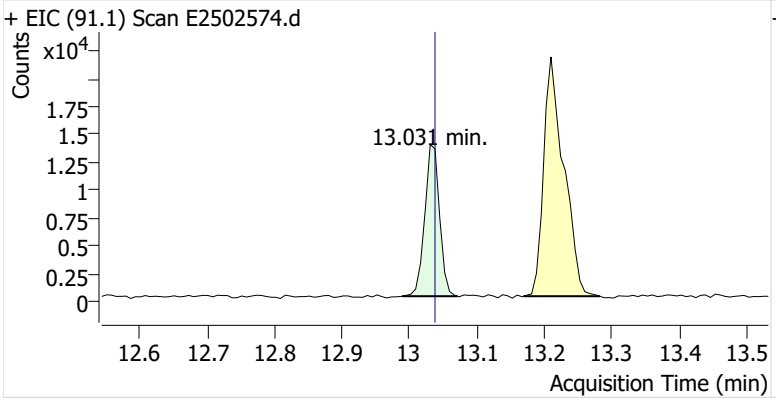


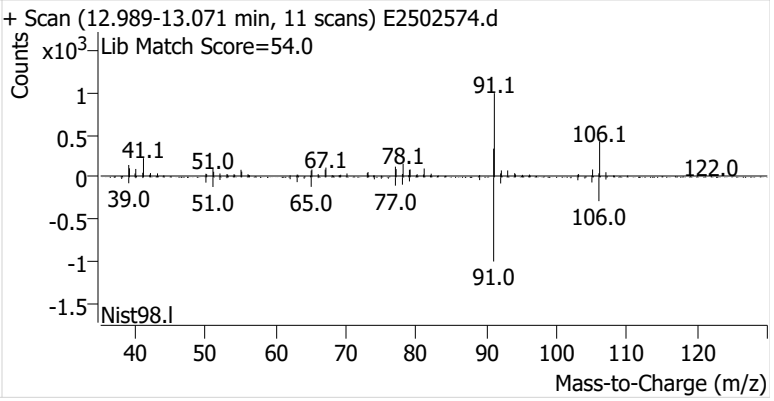
Toluene



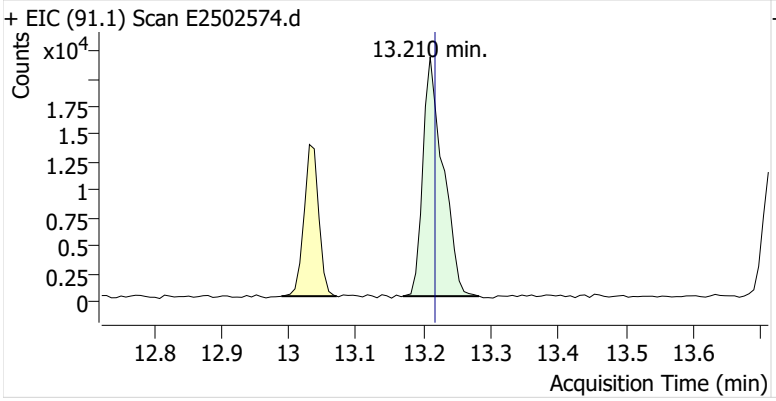


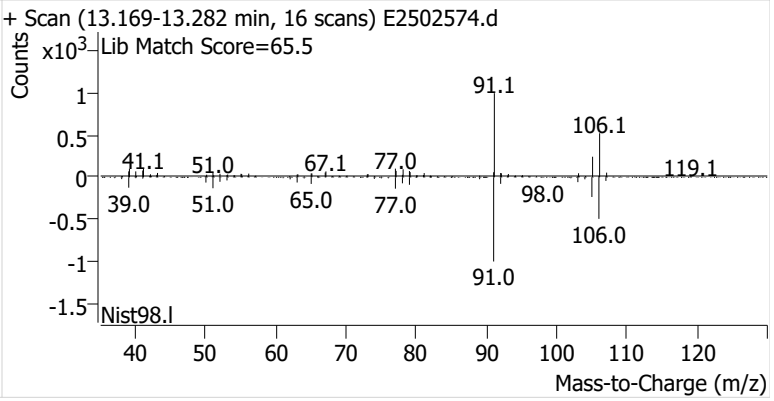
Ethylbenzene



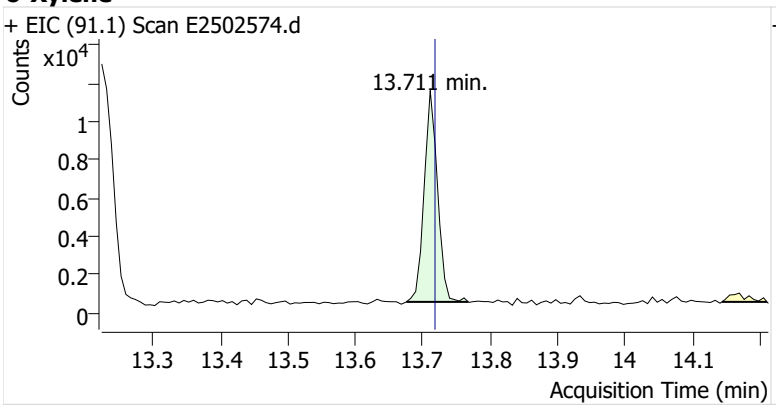


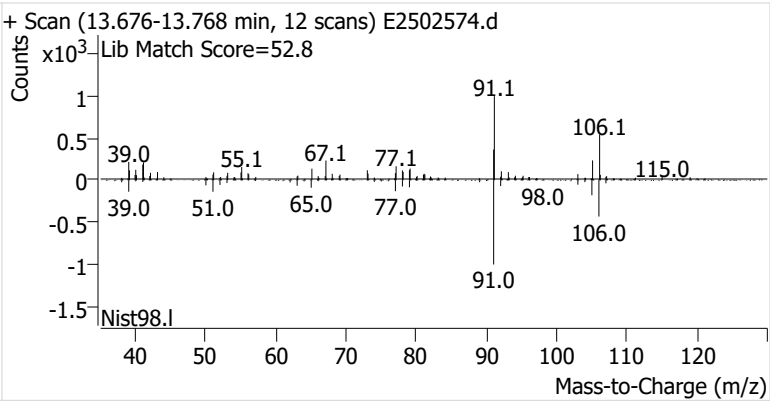
m-/p-Xylenes





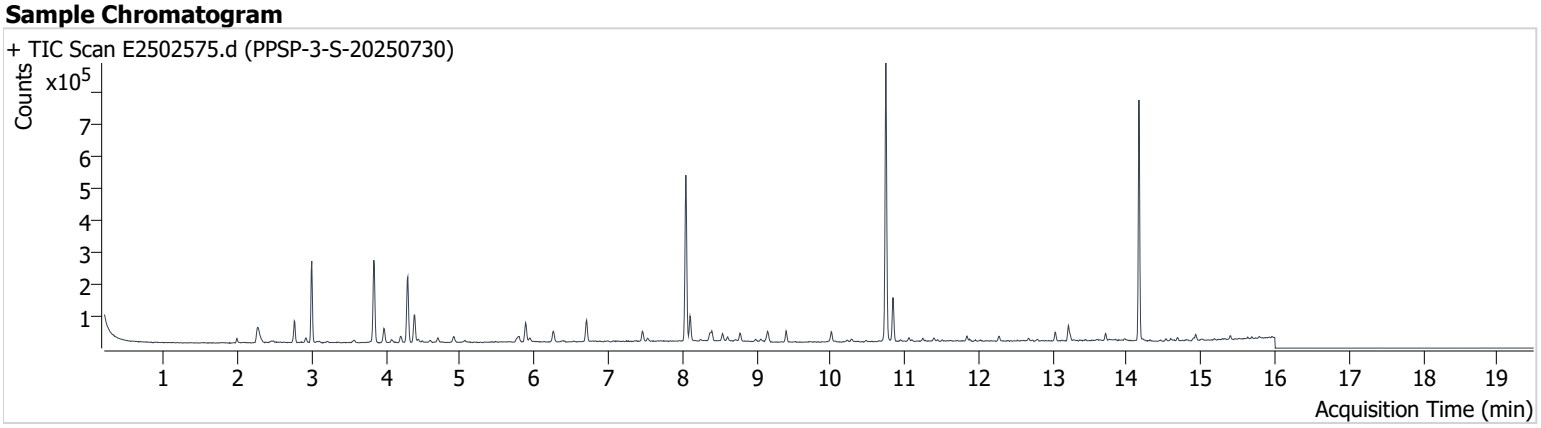
o-Xylene


+ EIC (91.1) Scan E2502574.d
Counts
x10^4
13.711 min.
Acquisition Time (min)


+ Scan (13.676-13.768 min, 12 scans) E2502574.d
Lib Match Score=52.8
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

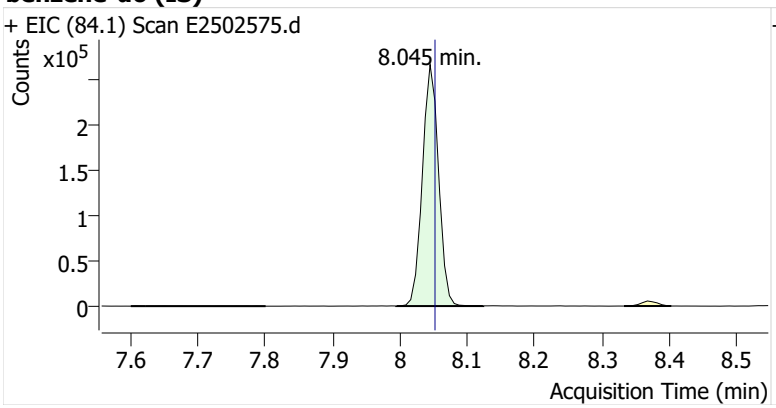
Name	PPSP-3-S-20250730
Comment	B50656
Data File	E2502575.d
Acq. Date-Time	8/14/2025 6:23:48 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

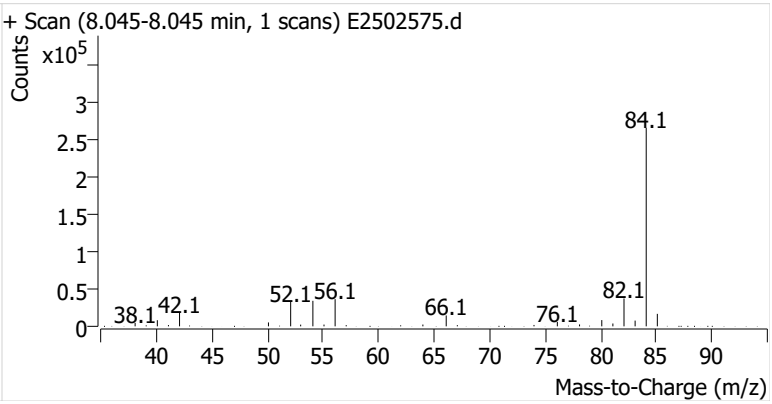
Sample Chromatogram



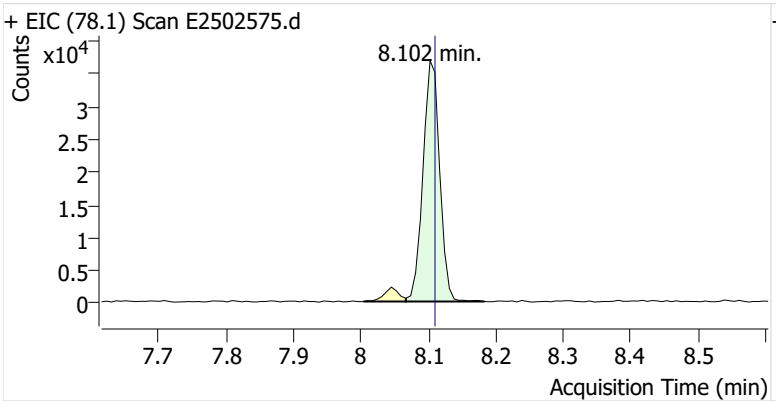
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	442,435	
Benzene	benzene-d6 (IS)	8.102	8.110	63,102	
Toluene-d8 (IS)		10.745	10.753	500,443	
Toluene	Toluene-d8 (IS)	10.846	10.846	84,712	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	16,794	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	33,603	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	11,299	

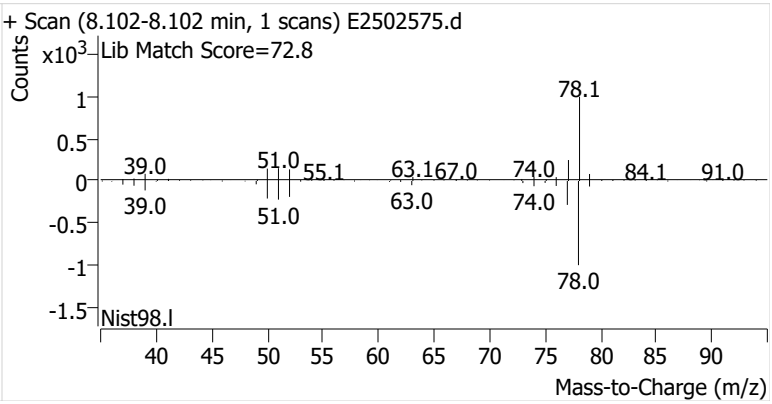
benzene-d6 (IS)



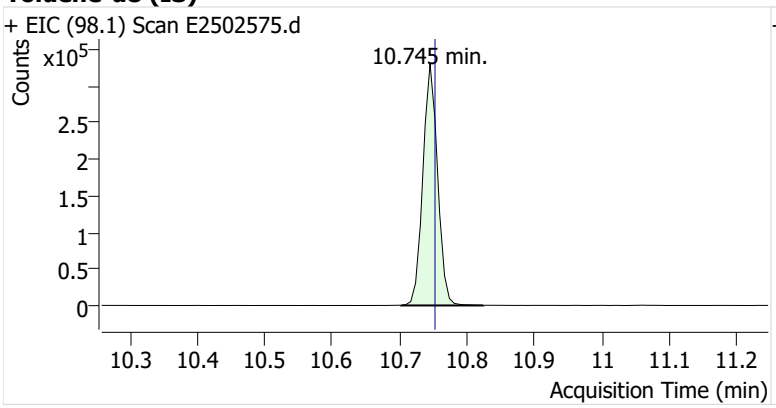


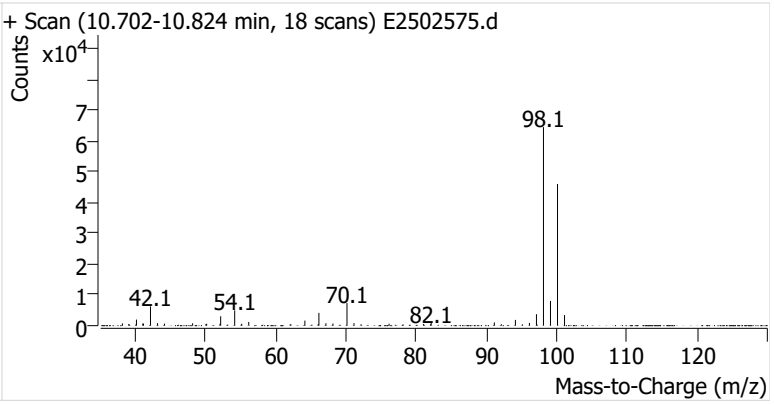
Benzene



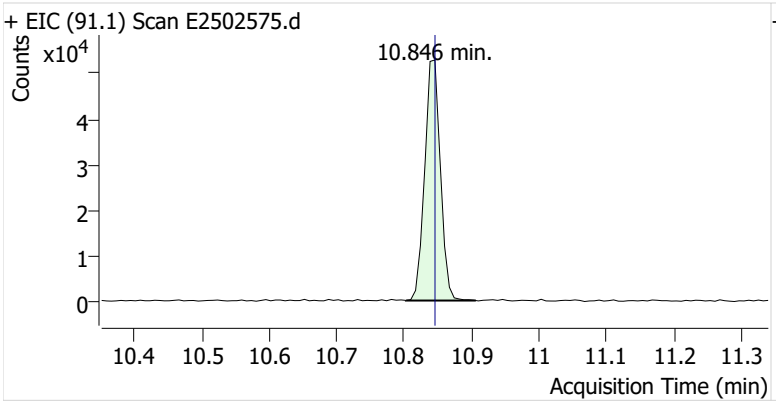


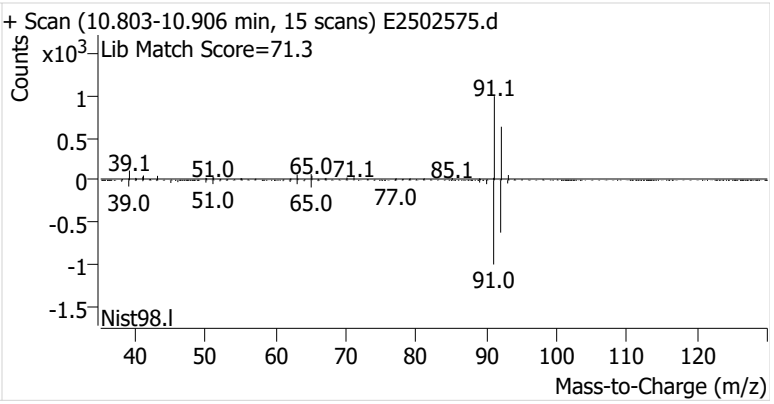
Toluene-d8 (IS)



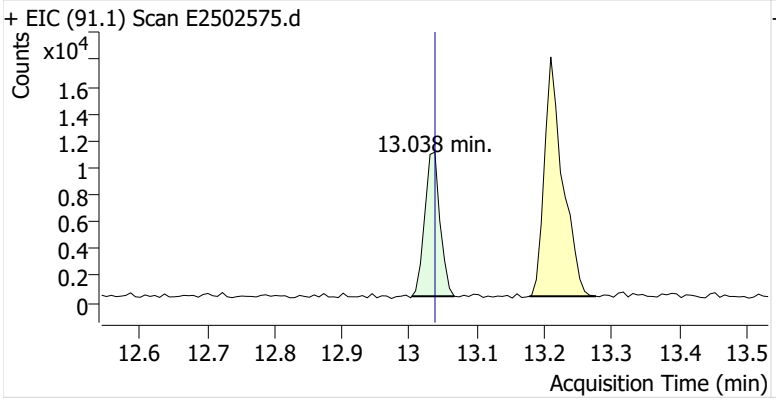


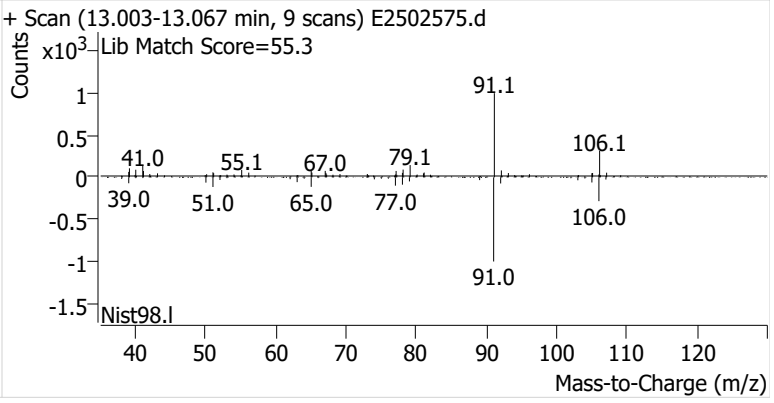
Toluene



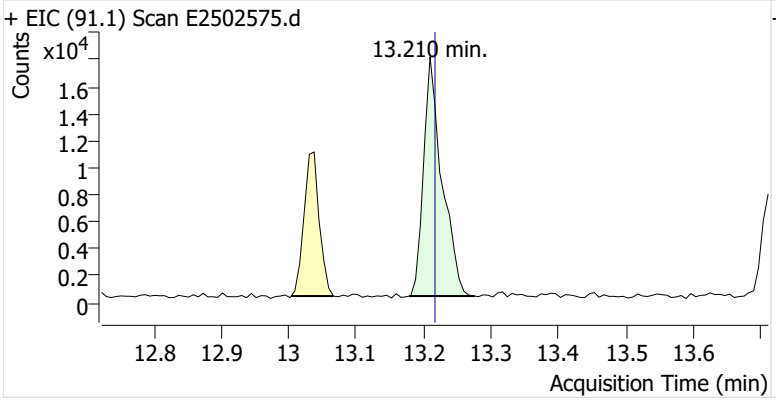


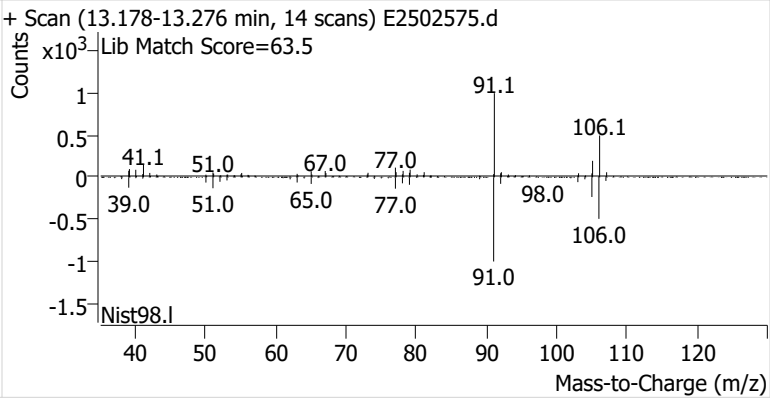
Ethylbenzene



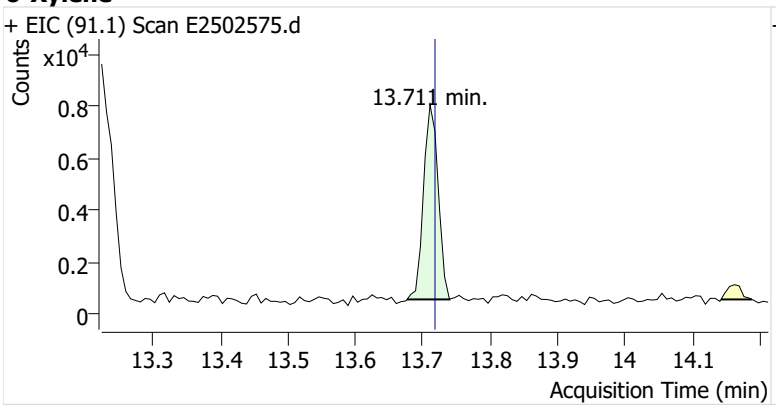


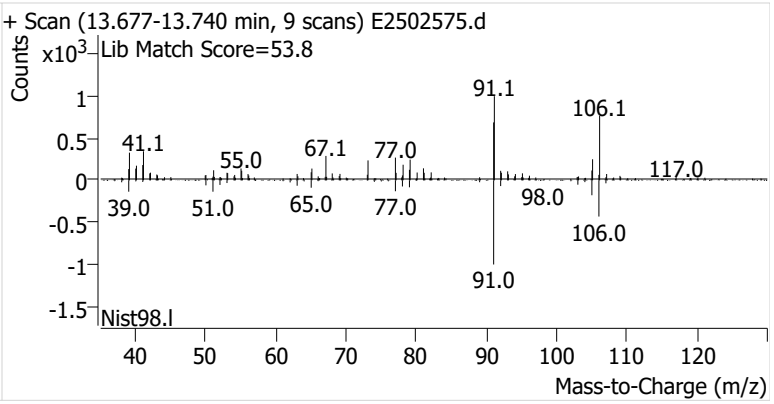
m-/p-Xylenes





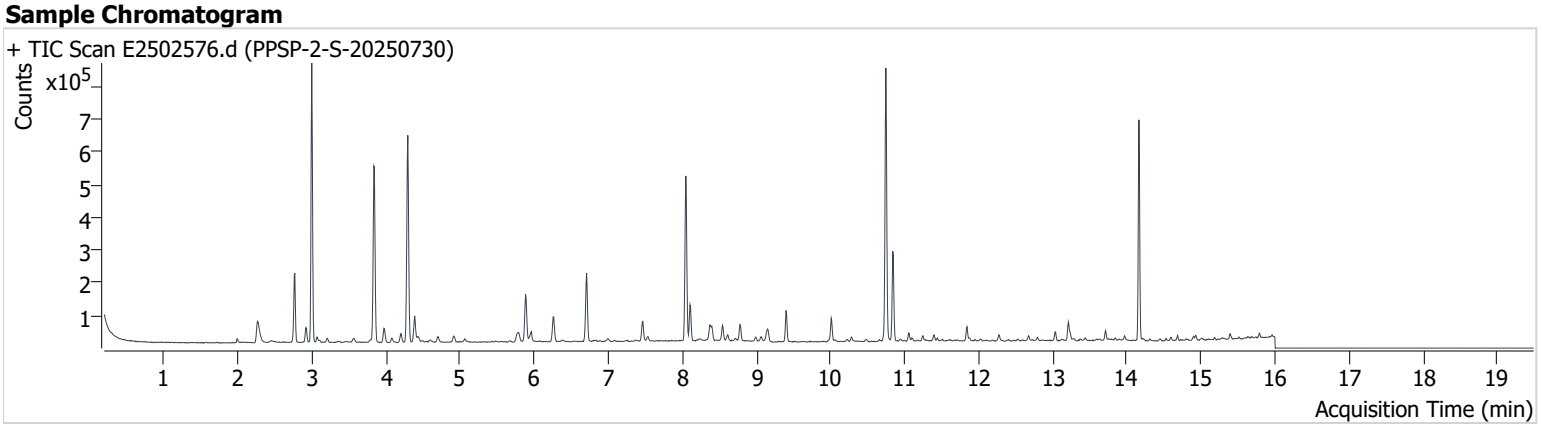
o-Xylene


+ EIC (91.1) Scan E2502575.d
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.711 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.677-13.740 min, 9 scans) E2502575.d
Counts
x10^3
Lib Match Score=53.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.0
67.1
77.0
117.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

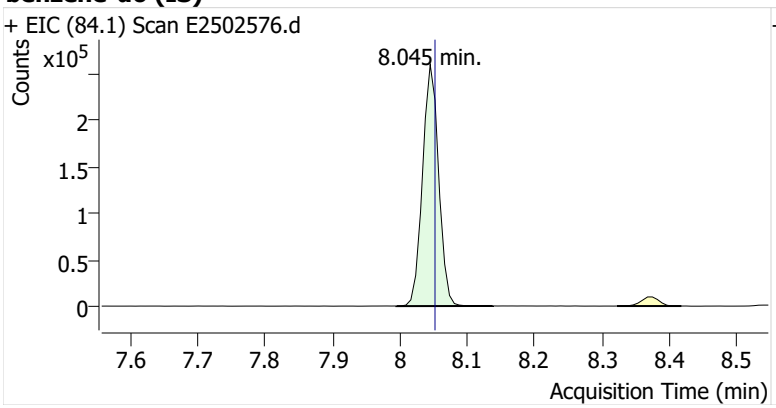
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Comment	C56896
Data File	E2502576.d
Acq. Date-Time	8/14/2025 6:49:35 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

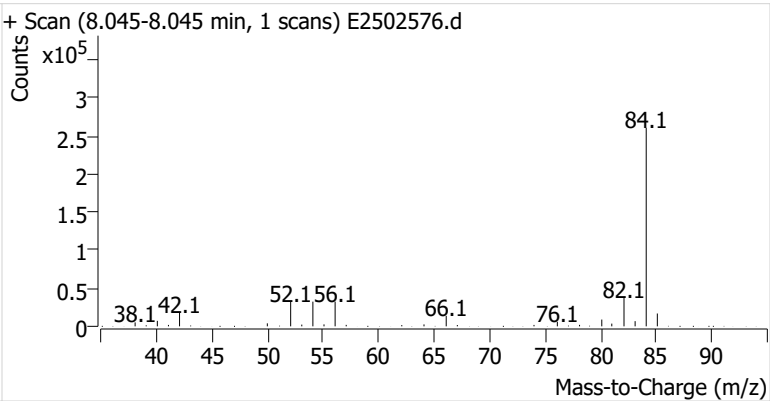
Sample Chromatogram



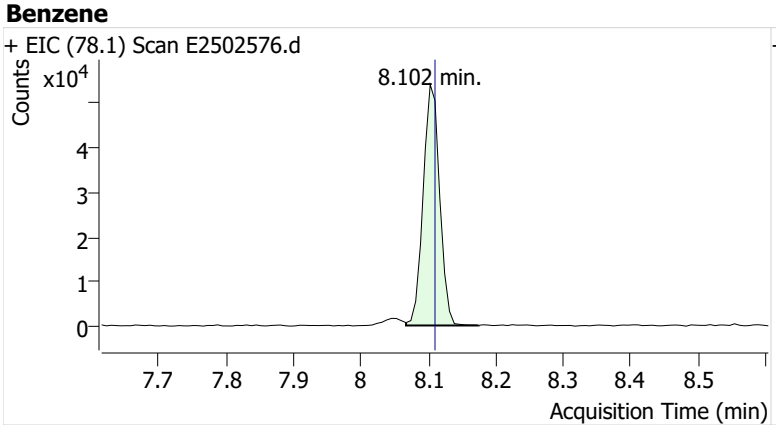
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	432,455	
Benzene	benzene-d6 (IS)	8.102	8.110	91,440	
Toluene-d8 (IS)		10.746	10.753	484,846	
Toluene	Toluene-d8 (IS)	10.839	10.846	174,865	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	16,870	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	39,594	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	14,287	

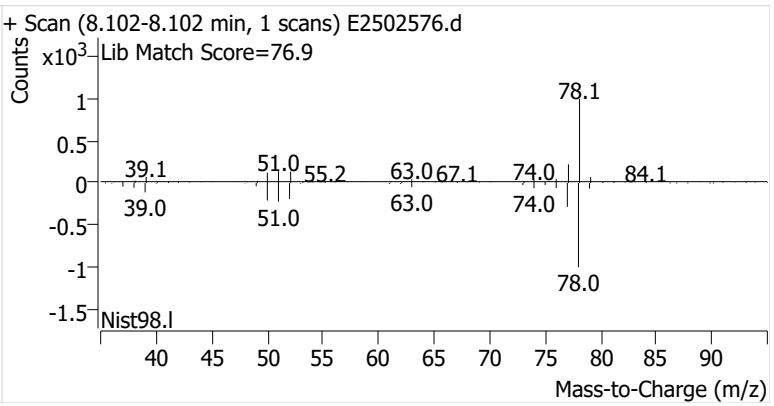
benzene-d6 (IS)



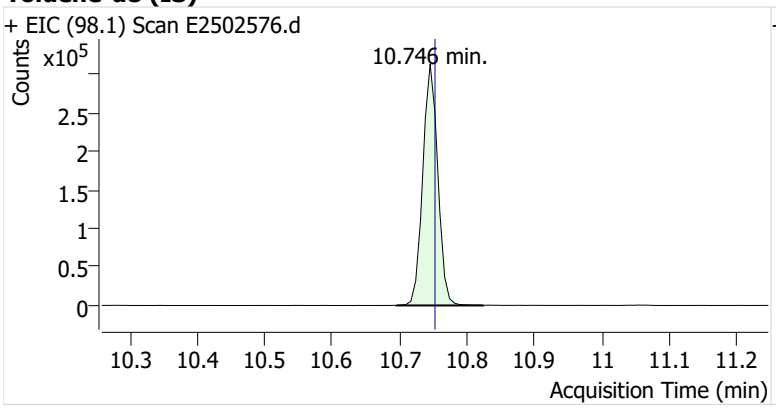


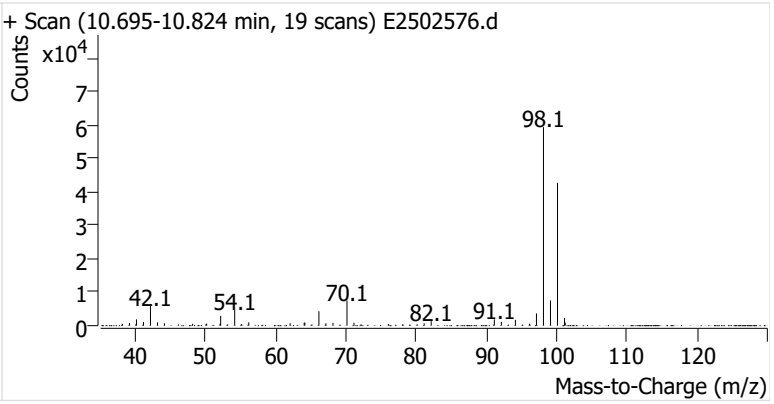
Benzene



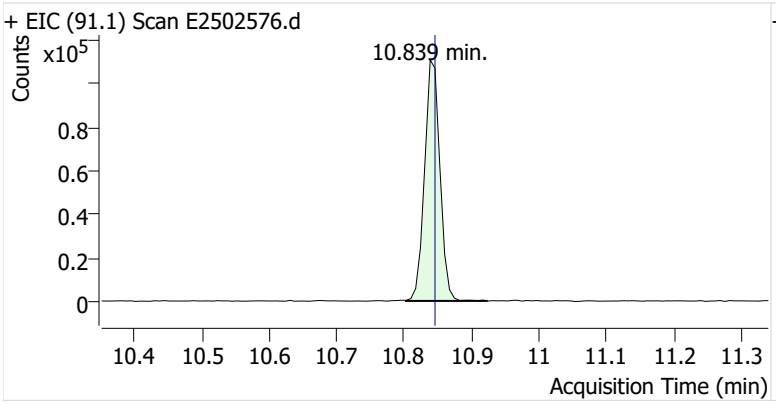


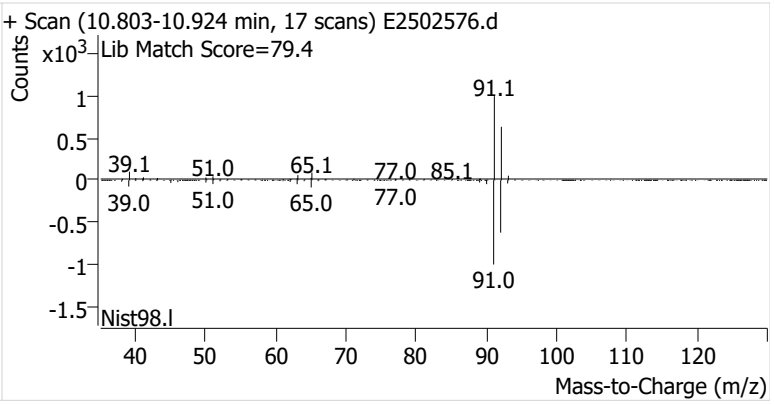
Toluene-d8 (IS)



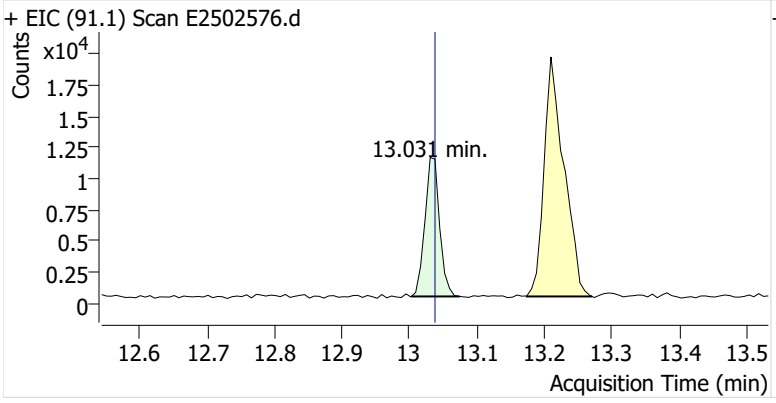


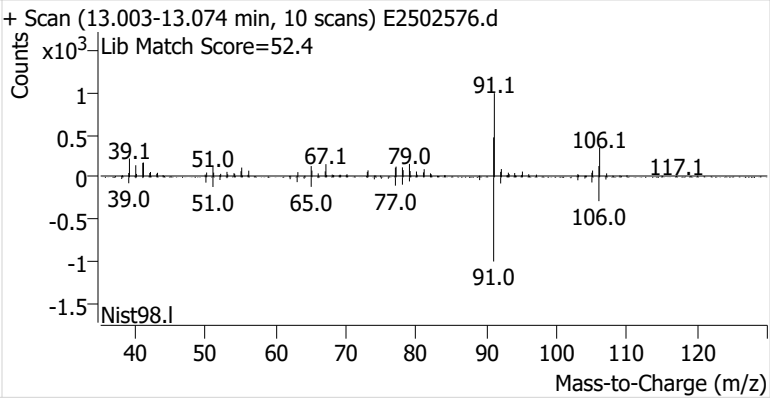
Toluene



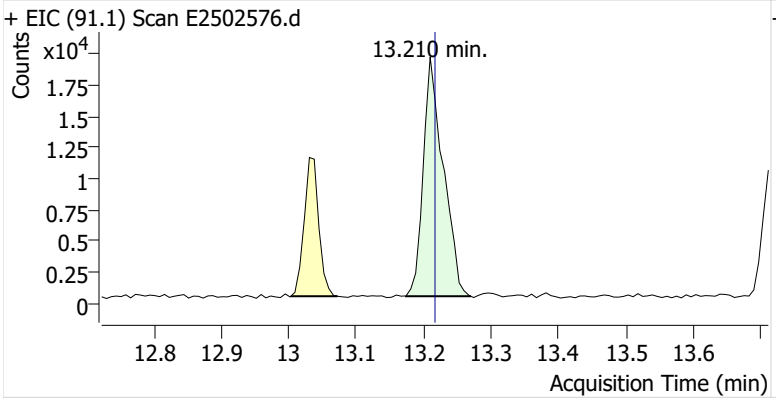


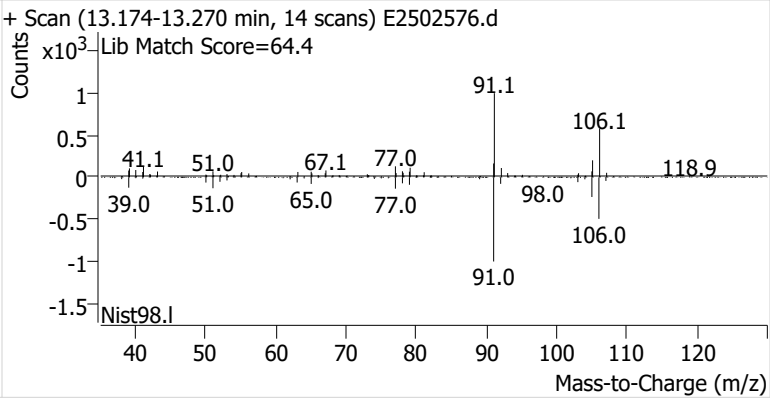
Ethylbenzene



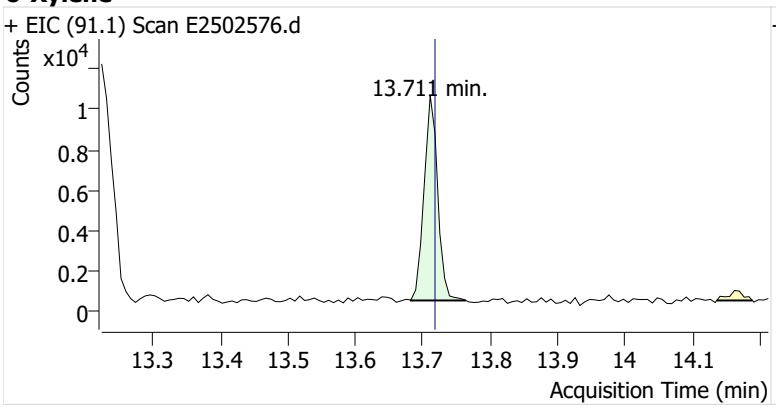


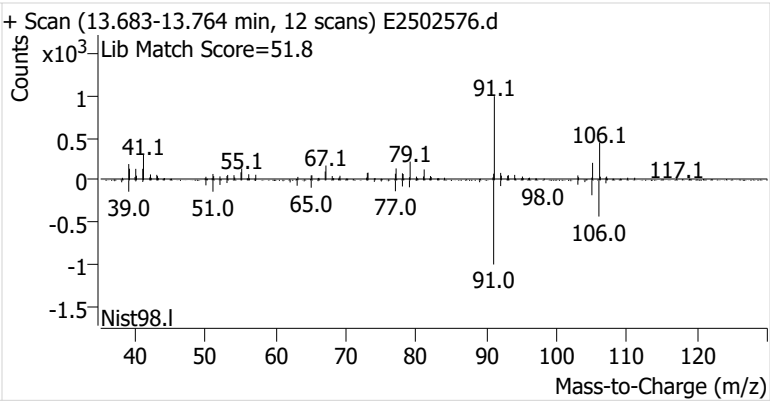
m-/p-Xylenes





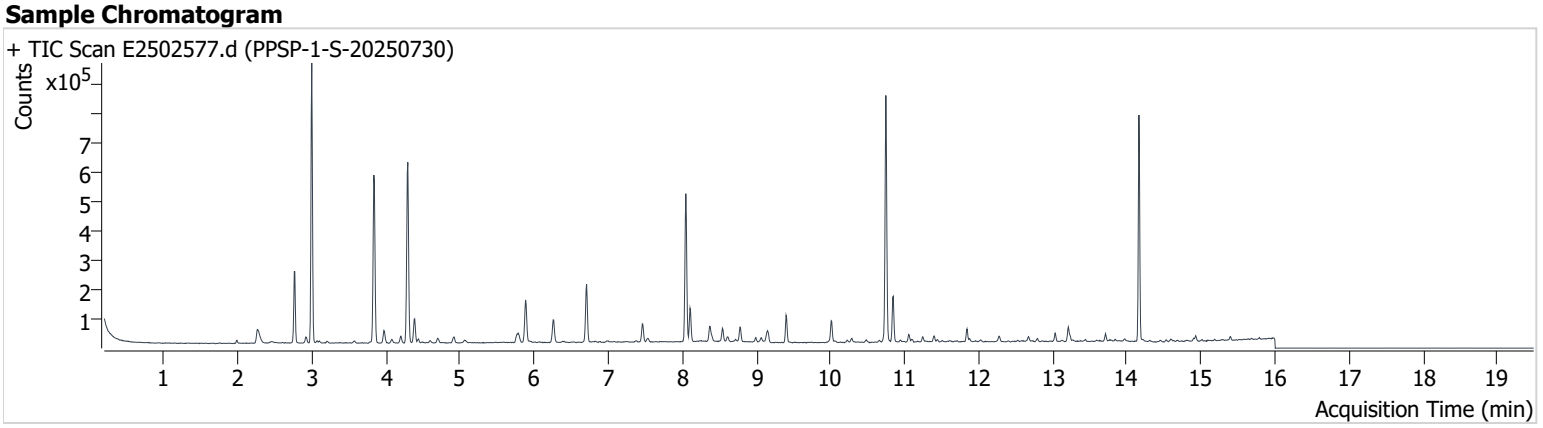
o-Xylene


+ EIC (91.1) Scan E2502576.d
Counts
x10^4
13.711 min.
Acquisition Time (min)


+ Scan (13.683-13.764 min, 12 scans) E2502576.d
Lib Match Score=51.8
Counts
x10^3
91.1
106.1
41.1
55.1
67.1
79.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

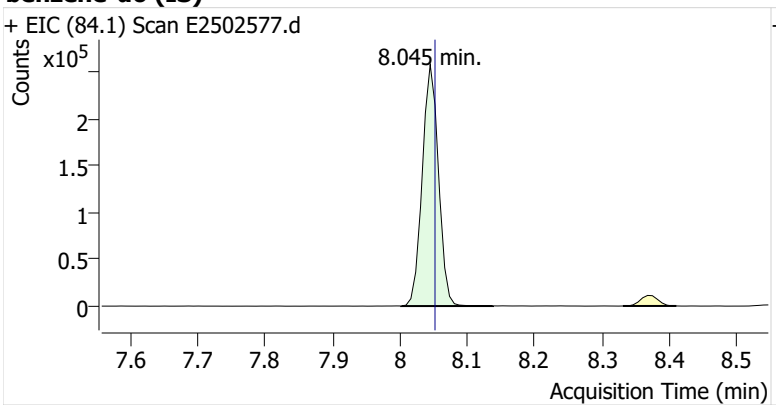
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Comment	C01466
Data File	E2502577.d
Acq. Date-Time	8/14/2025 7:15:23 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

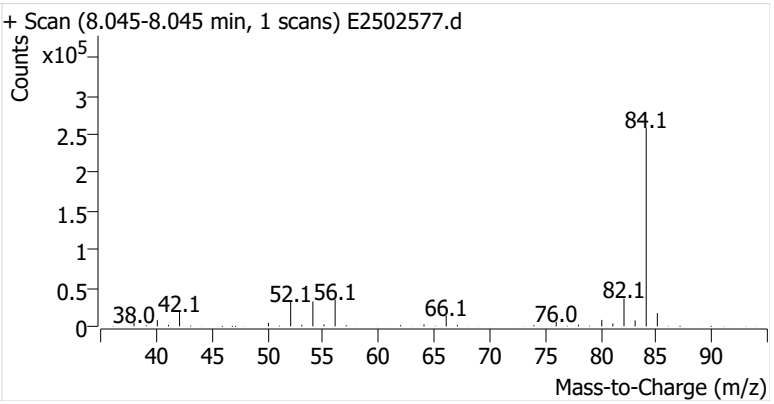
Sample Chromatogram



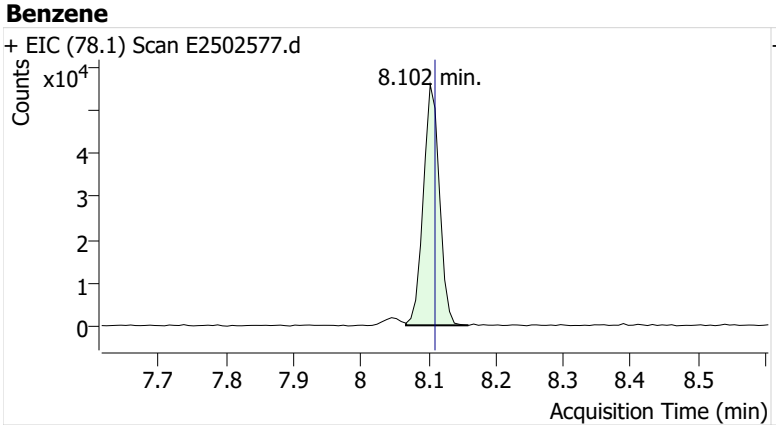
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	432,440	
Benzene	benzene-d6 (IS)	8.102	8.110	92,029	
Toluene-d8 (IS)		10.746	10.753	489,504	
Toluene	Toluene-d8 (IS)	10.846	10.846	97,223	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	17,040	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	34,328	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	12,514	

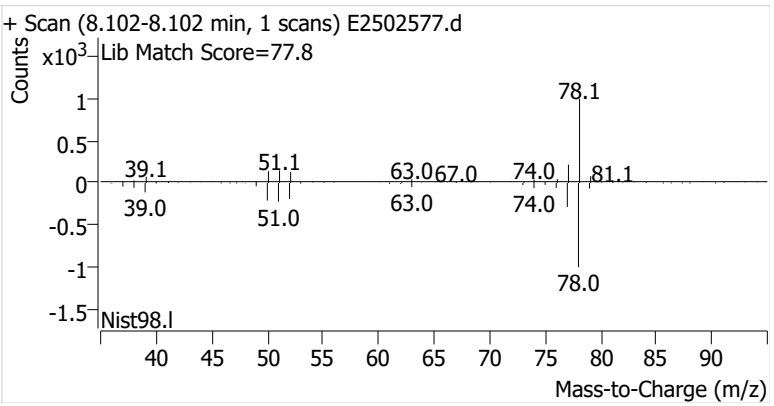
benzene-d6 (IS)



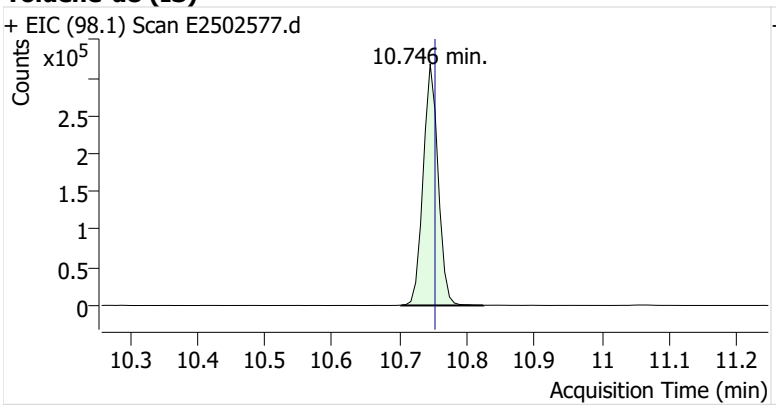


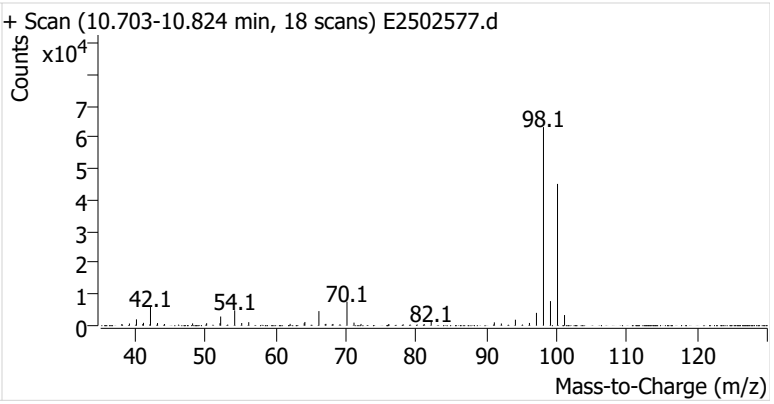
Benzene



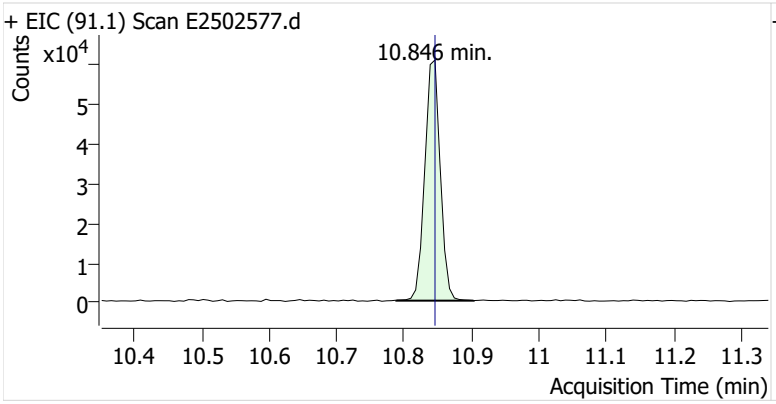


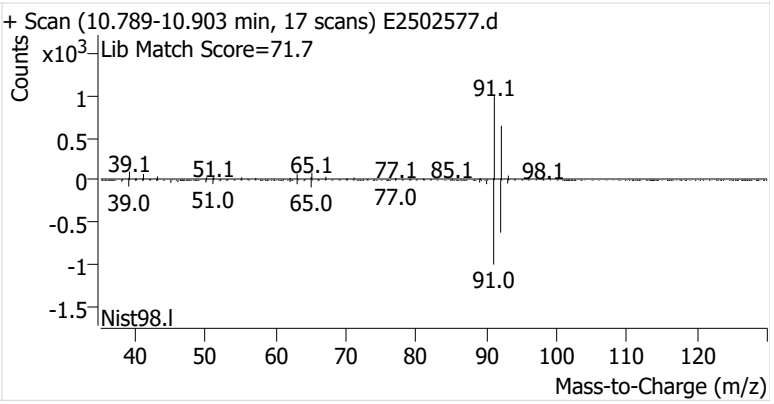
Toluene-d8 (IS)



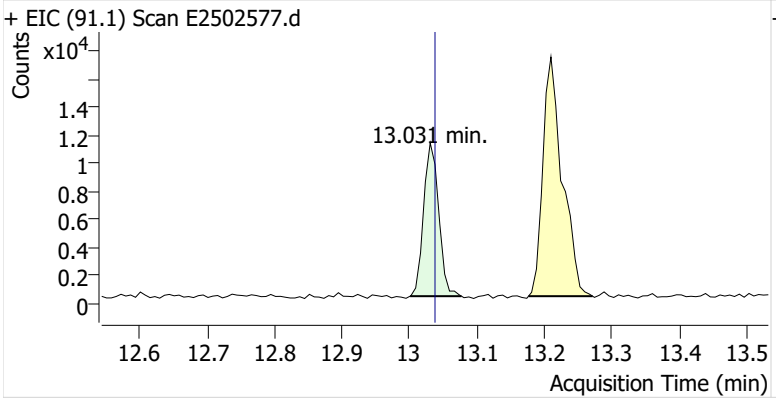


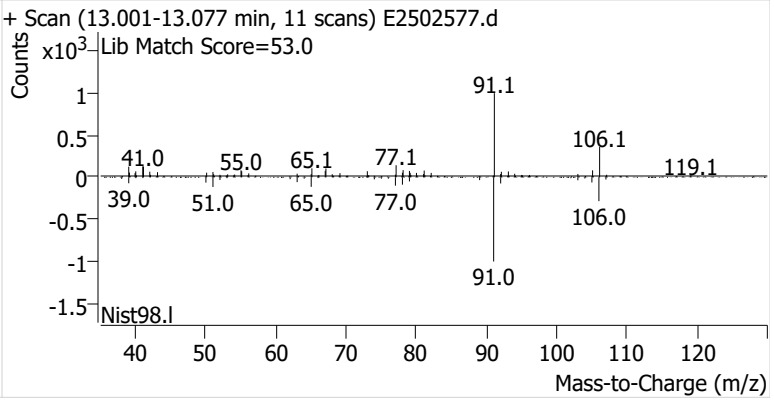
Toluene



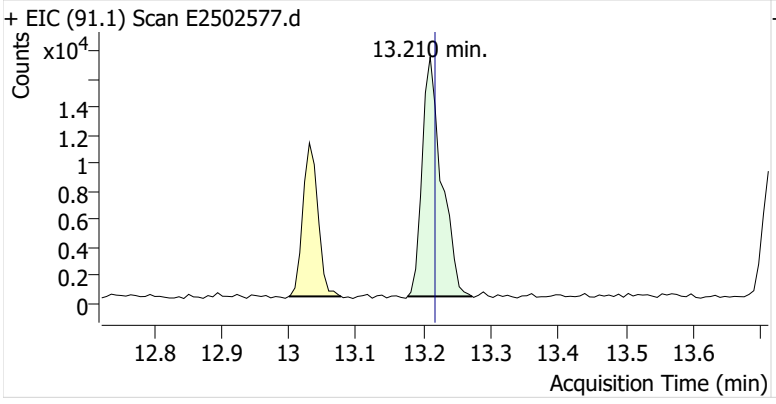


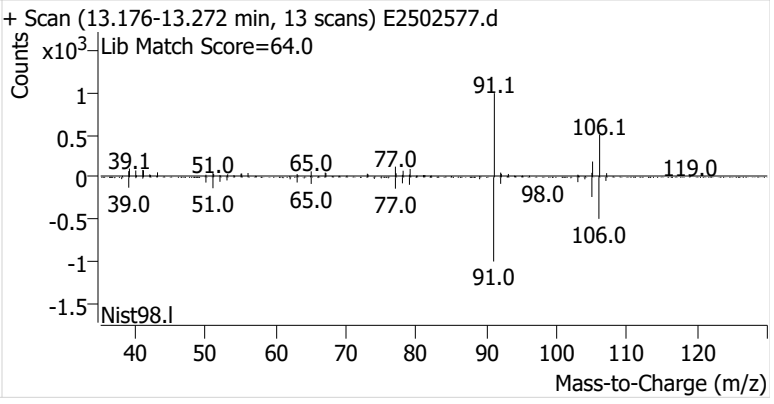
Ethylbenzene



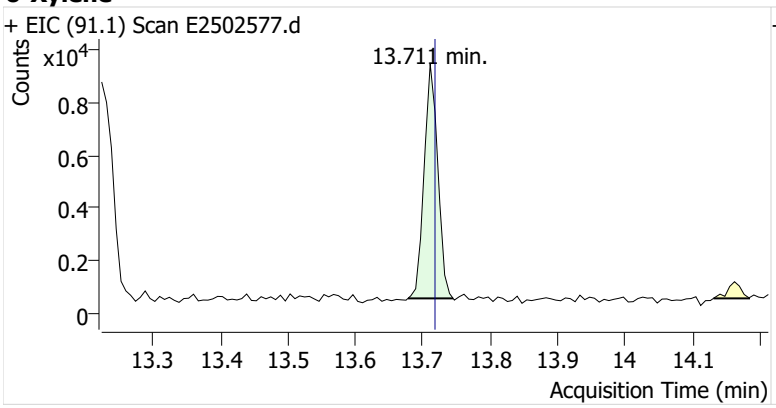


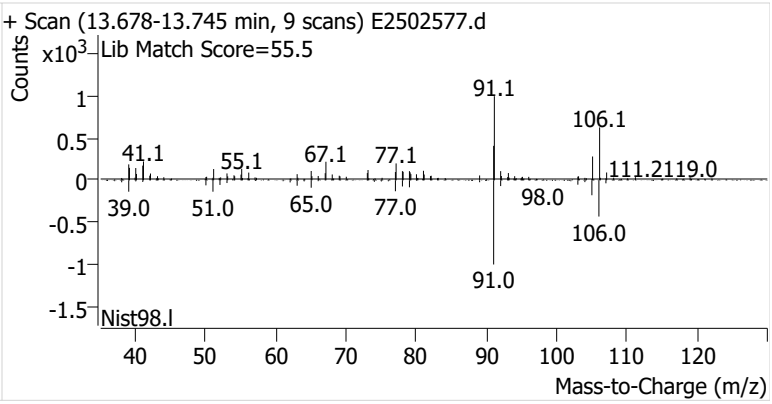
m-/p-Xylenes





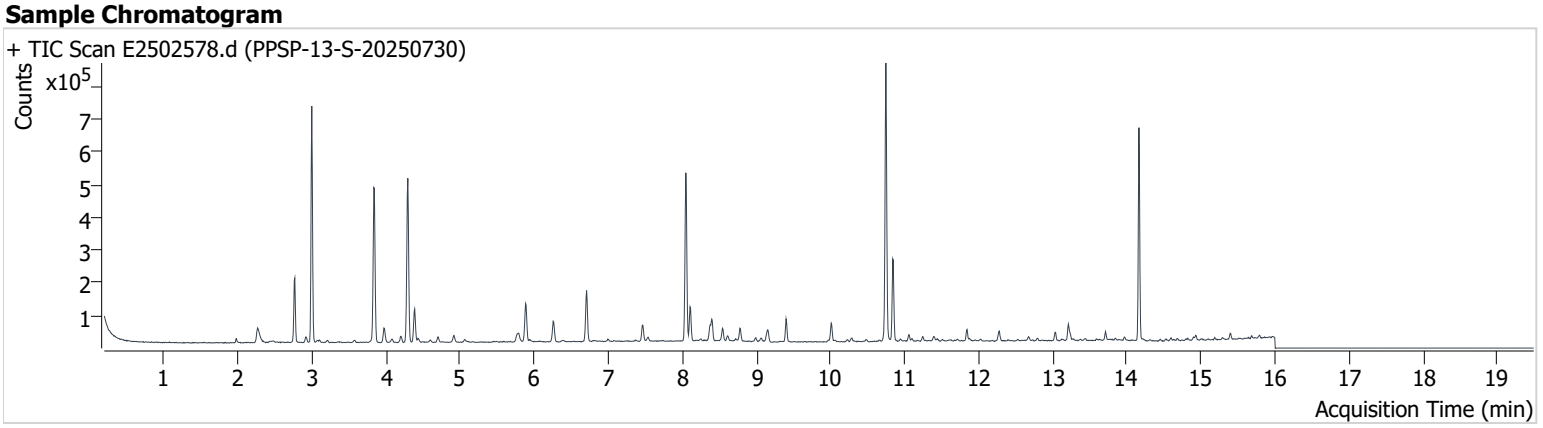
o-Xylene


+ EIC (91.1) Scan E2502577.d
Counts
x10^4
13.711 min.
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.678-13.745 min, 9 scans) E2502577.d
Counts
x10^3
Lib Match Score=55.5
91.1
106.1
41.1
55.1
67.1
77.1
111.2119.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

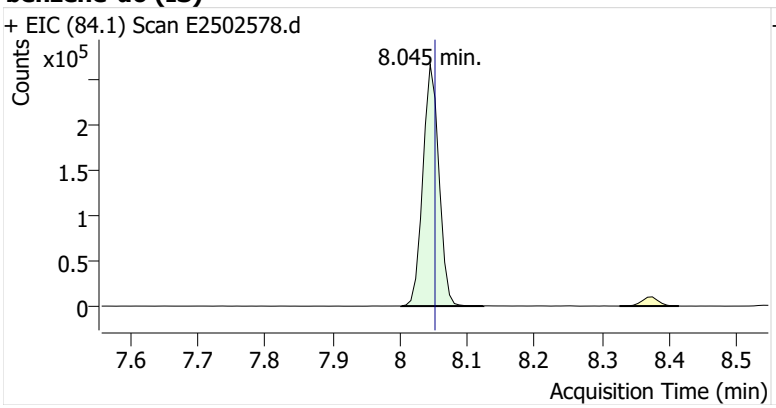
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Comment	B18429
Data File	E2502578.d
Acq. Date-Time	8/14/2025 7:41:59 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

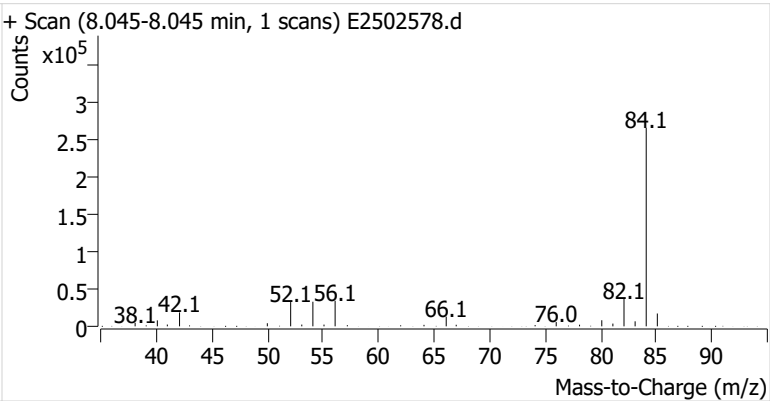
Sample Chromatogram



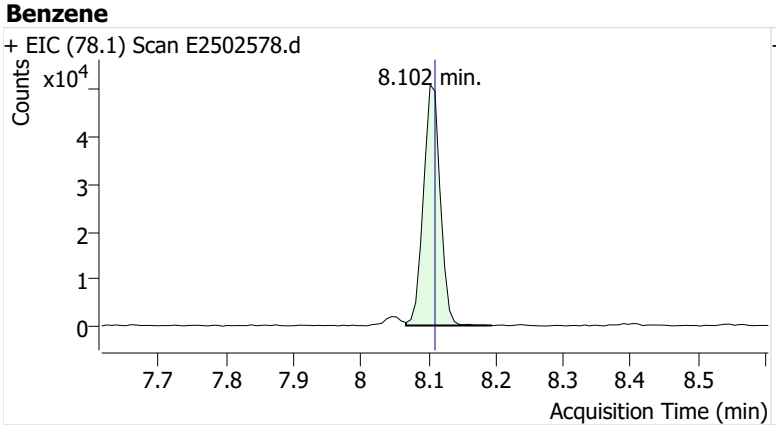
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	440,594	
Benzene	benzene-d6 (IS)	8.102	8.110	87,673	
Toluene-d8 (IS)		10.746	10.753	489,633	
Toluene	Toluene-d8 (IS)	10.839	10.846	161,658	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	17,083	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	35,140	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	12,853	

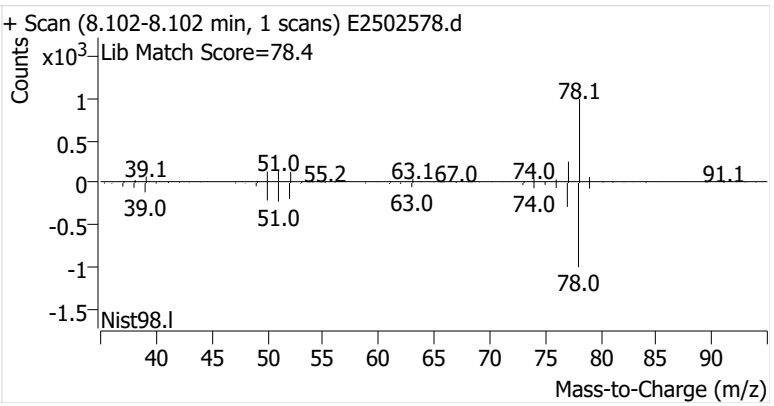
benzene-d6 (IS)



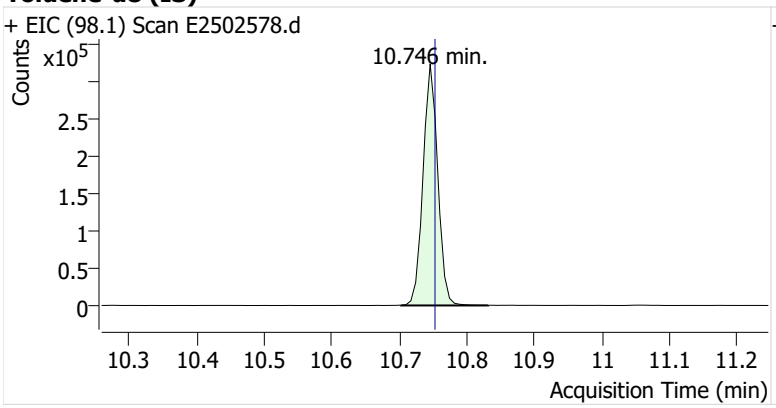


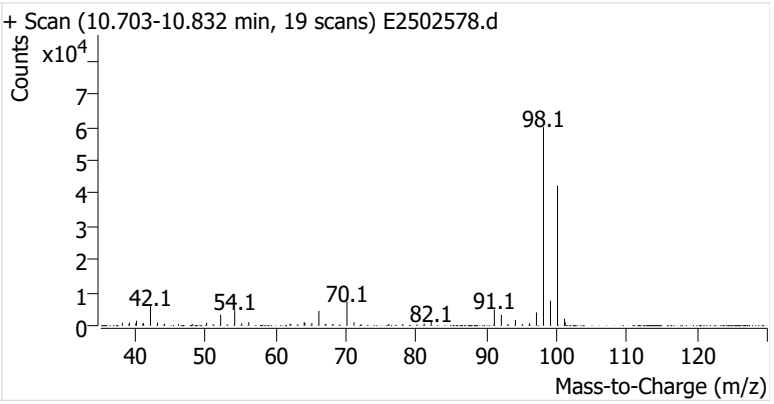
Benzene



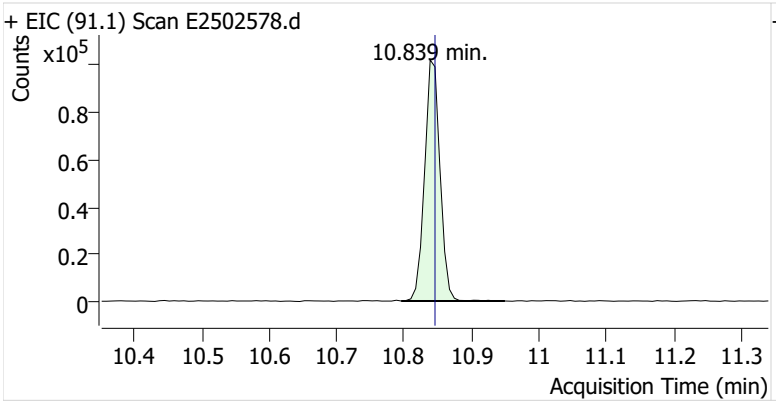


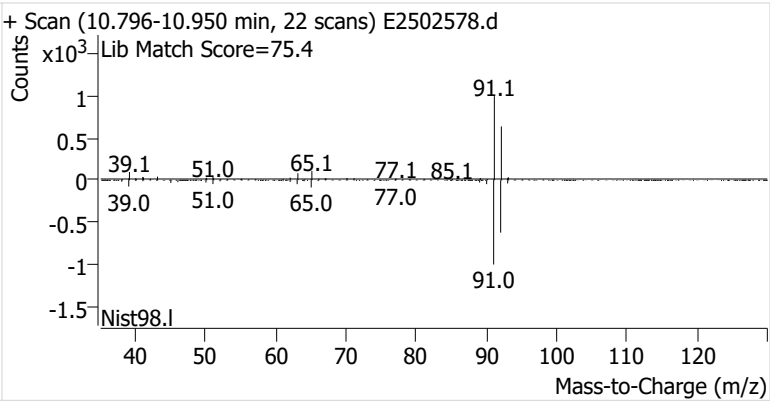
Toluene-d8 (IS)



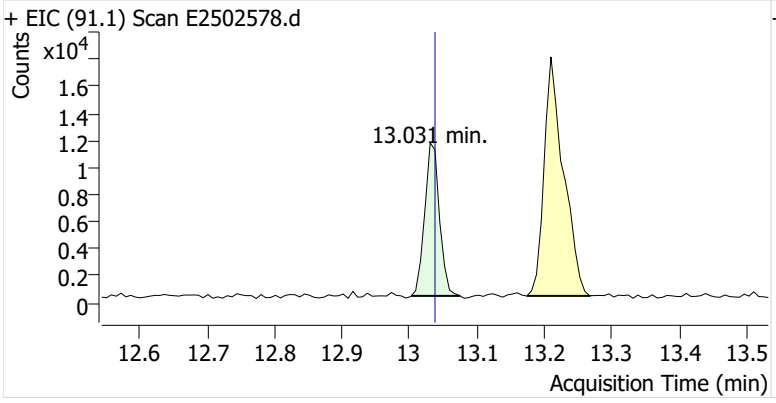


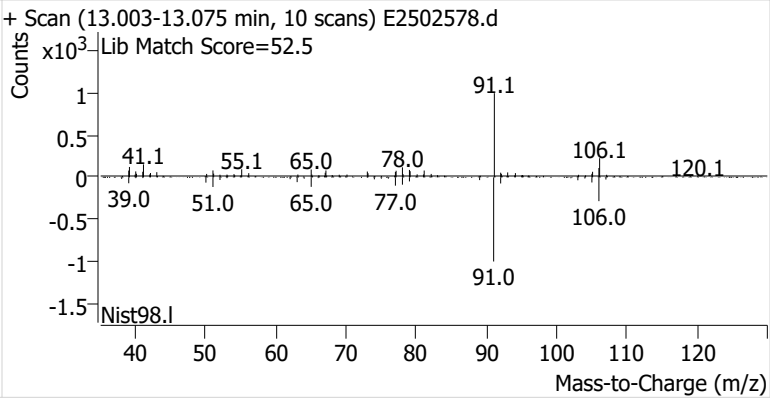
Toluene



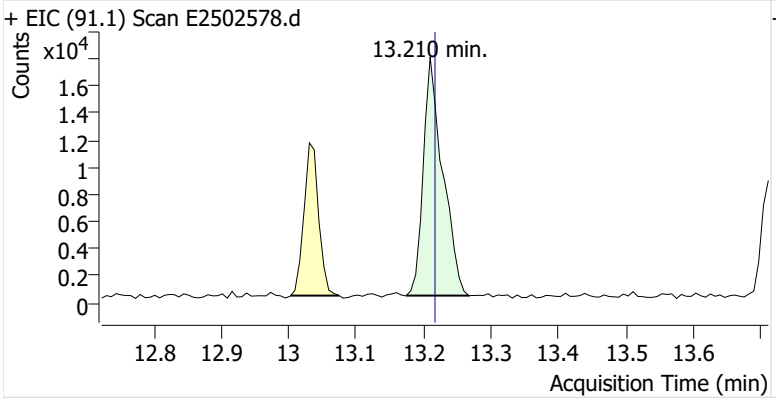


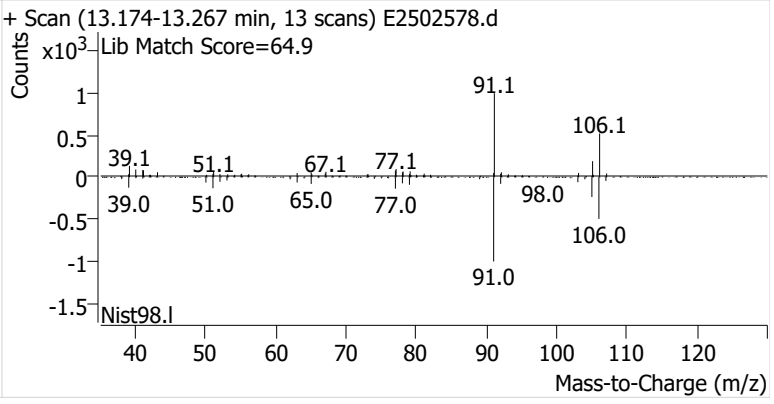
Ethylbenzene



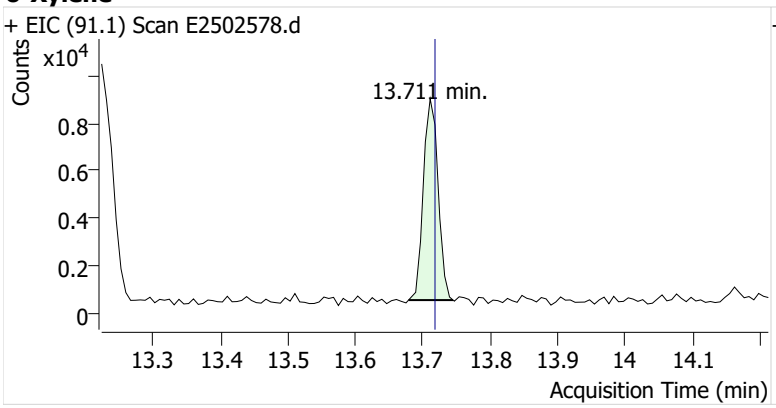


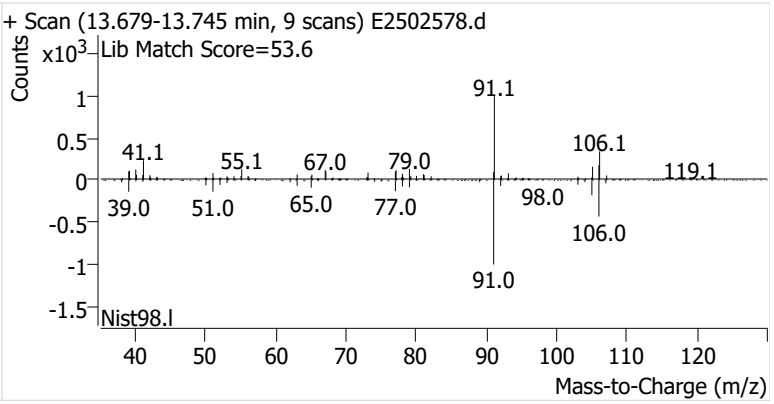
m-/p-Xylenes





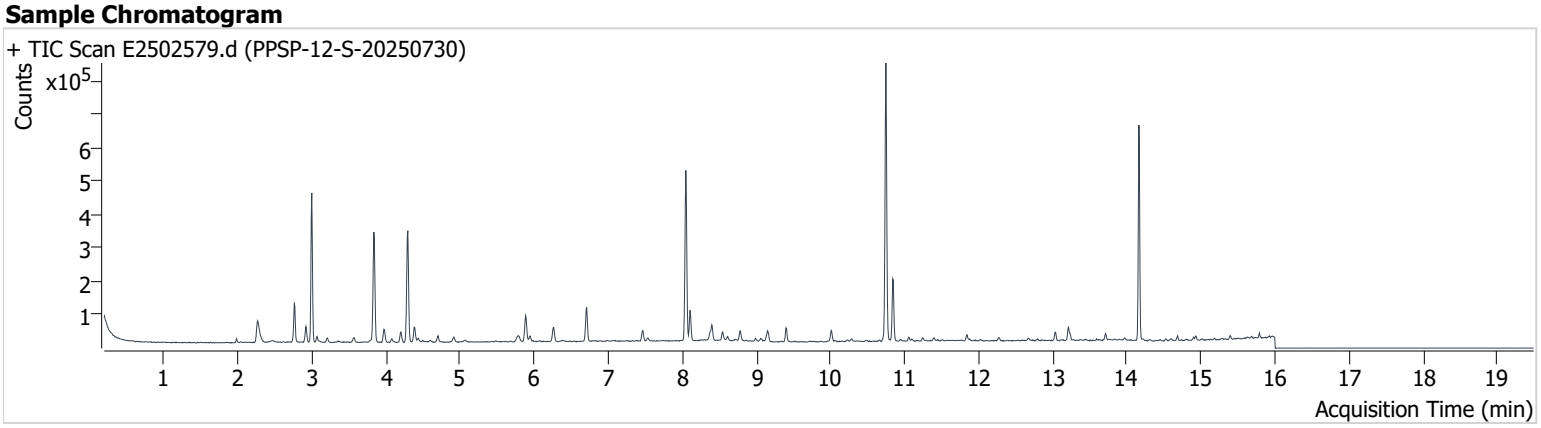
o-Xylene


+ EIC (91.1) Scan E2502578.d
Counts
x10^4
13.711 min.
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.679-13.745 min, 9 scans) E2502578.d
Counts
x10^3
Lib Match Score=53.6
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.0
79.0
106.1
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

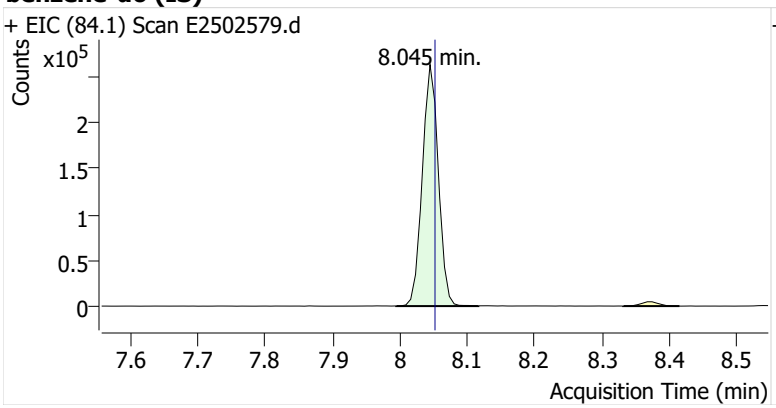
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Comment	C55445
Data File	E2502579.d
Acq. Date-Time	8/14/2025 8:07:45 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

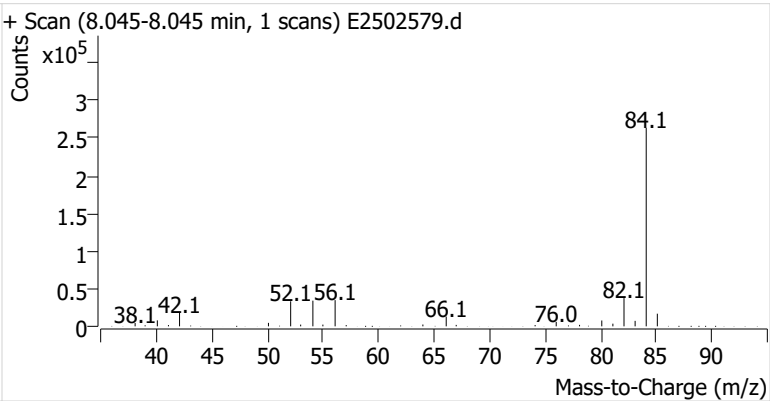
Sample Chromatogram



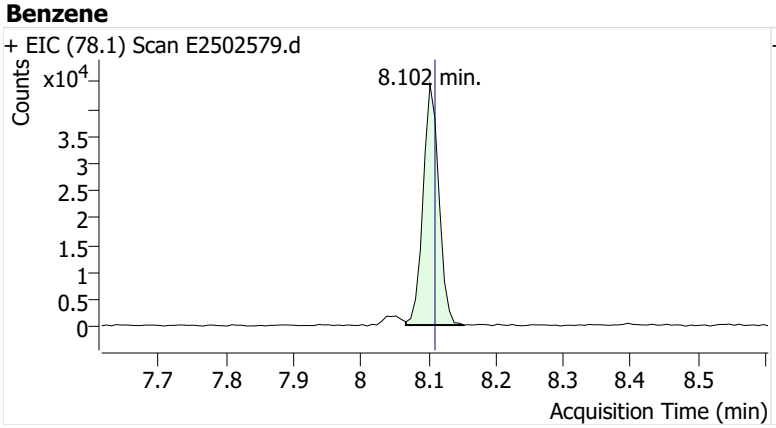
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	436,106	
Benzene	benzene-d6 (IS)	8.102	8.110	71,965	
Toluene-d8 (IS)		10.745	10.753	485,961	
Toluene	Toluene-d8 (IS)	10.838	10.846	120,083	
Ethylbenzene	Toluene-d8 (IS)	13.030	13.038	16,226	
m-/p-Xylenes	Toluene-d8 (IS)	13.209	13.217	29,646	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	9,507	

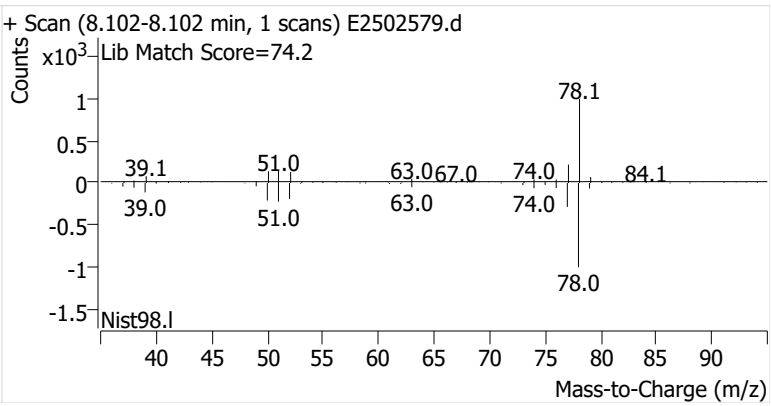
benzene-d6 (IS)



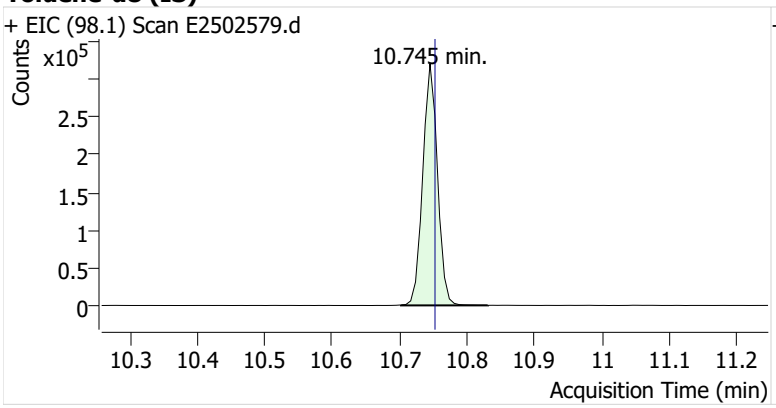


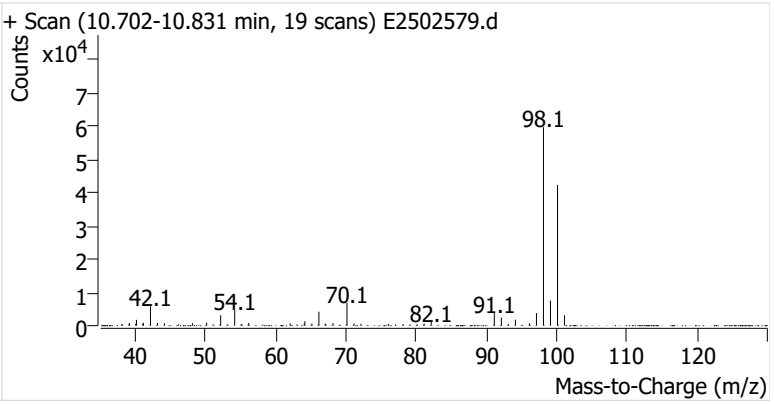
Benzene



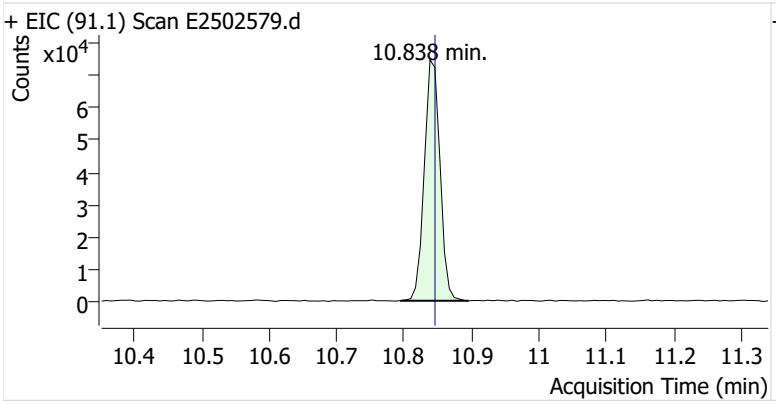


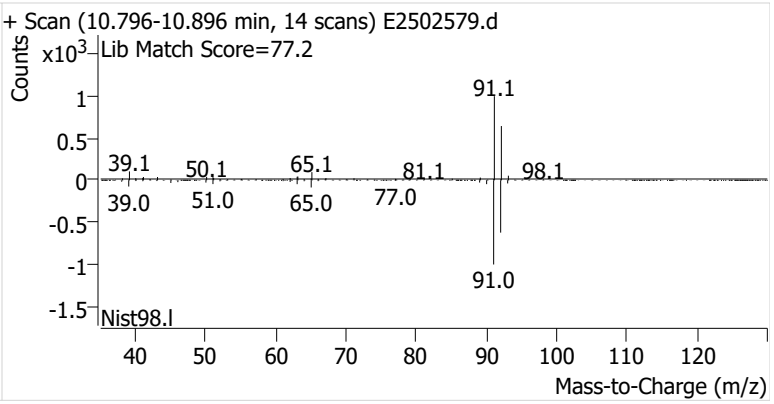
Toluene-d8 (IS)



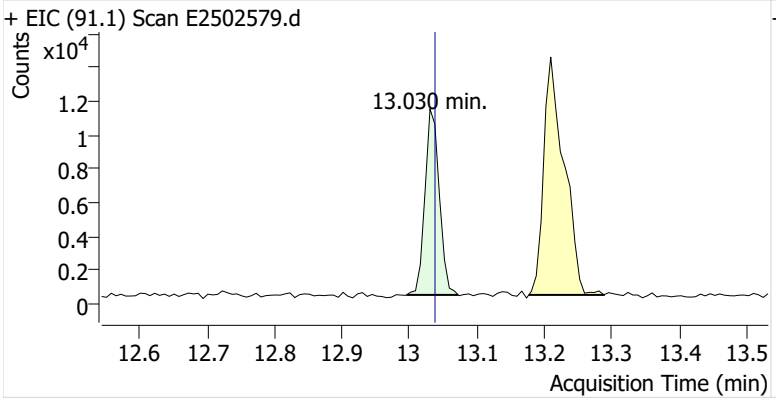


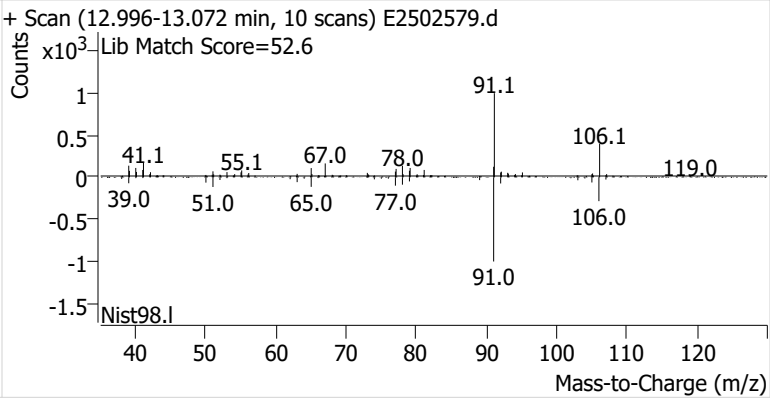
Toluene



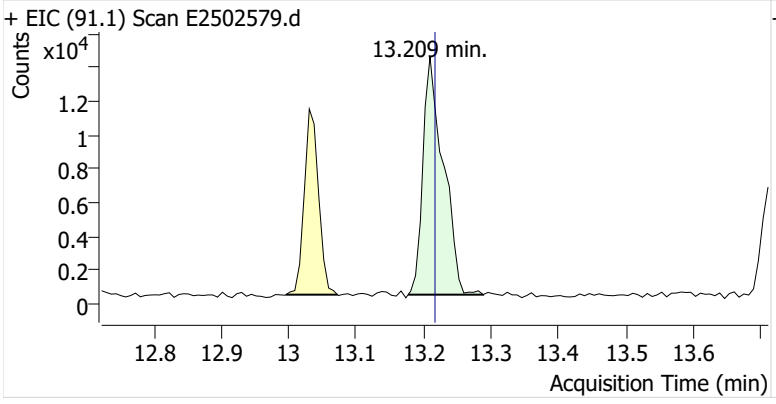


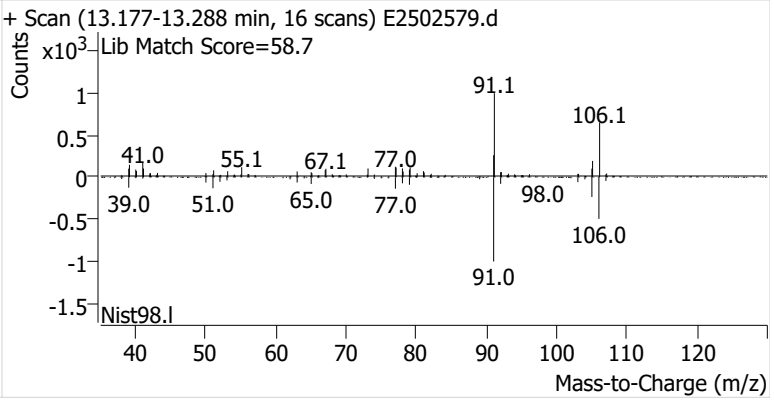
Ethylbenzene



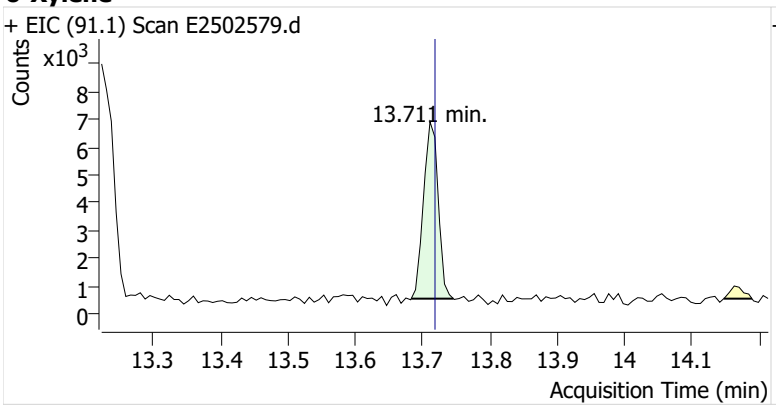


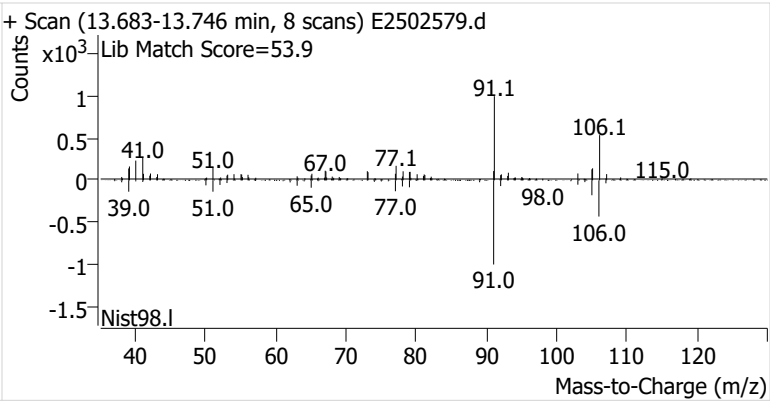
m-/p-Xylenes





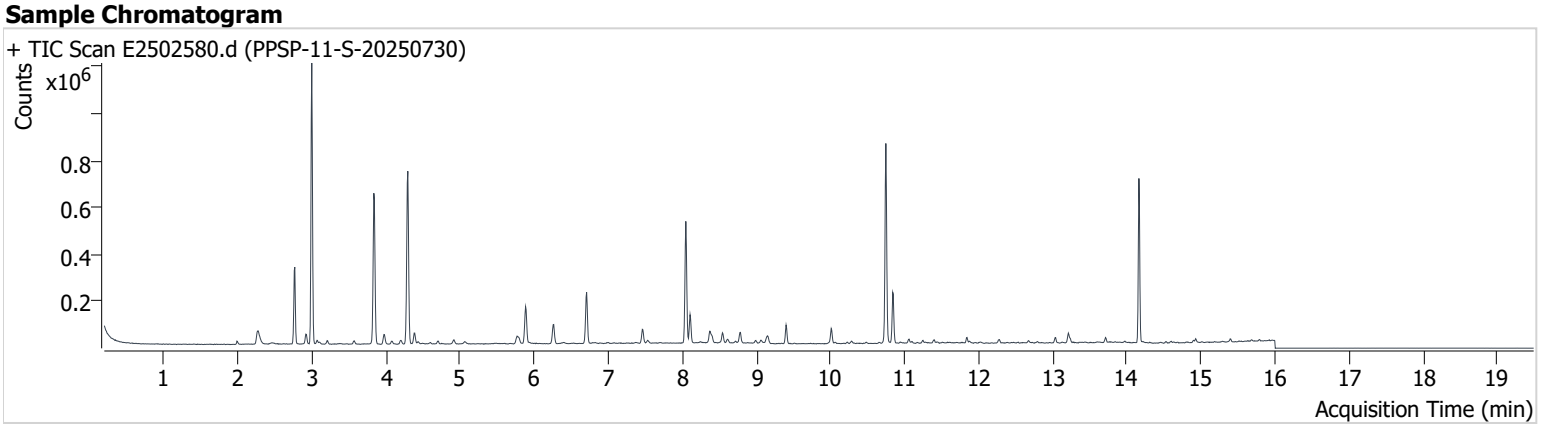
o-Xylene


+ EIC (91.1) Scan E2502579.d
Counts
x10^3
13.711 min.
Acquisition Time (min)


+ Scan (13.683-13.746 min, 8 scans) E2502579.d
Lib Match Score=53.9
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

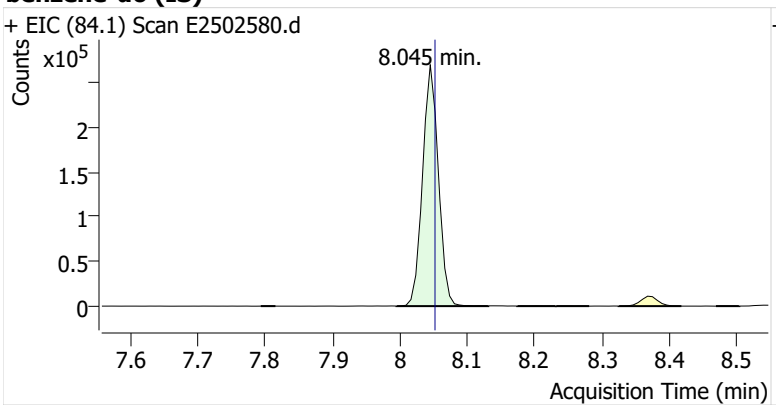
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Comment	B52810
Data File	E2502580.d
Acq. Date-Time	8/14/2025 8:33:28 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

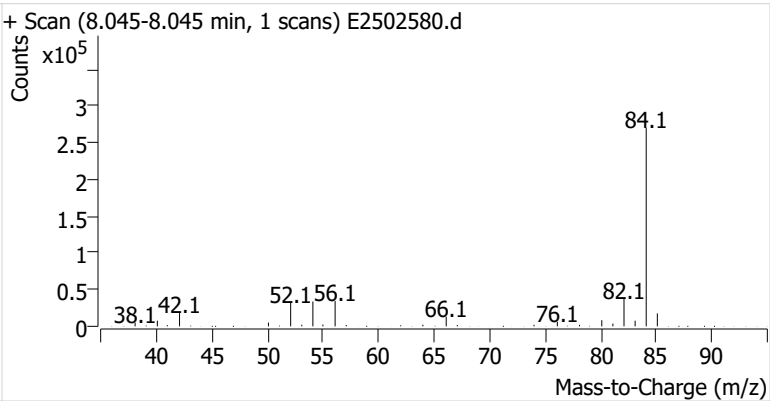
Sample Chromatogram



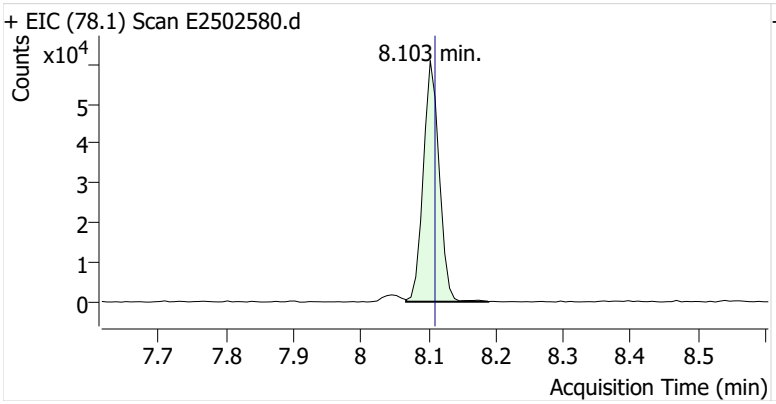
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	440,276	
Benzene	benzene-d6 (IS)	8.103	8.110	99,371	
Toluene-d8 (IS)		10.746	10.753	491,921	
Toluene	Toluene-d8 (IS)	10.839	10.846	138,236	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	15,099	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	28,778	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	10,594	

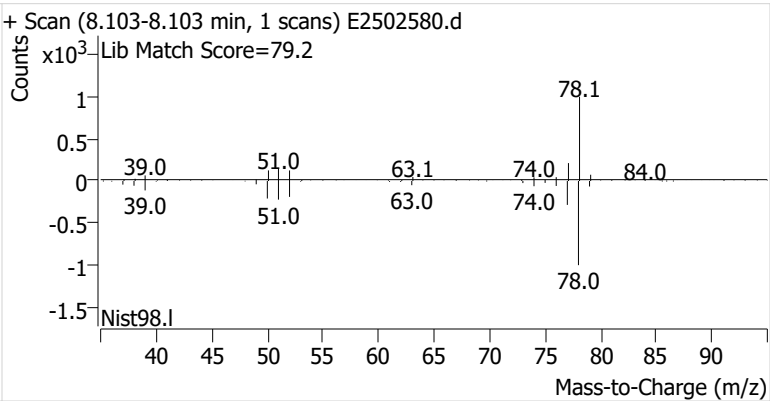
benzene-d6 (IS)



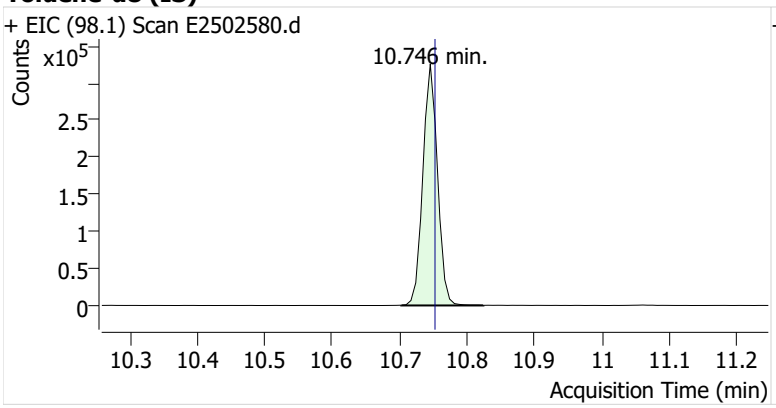


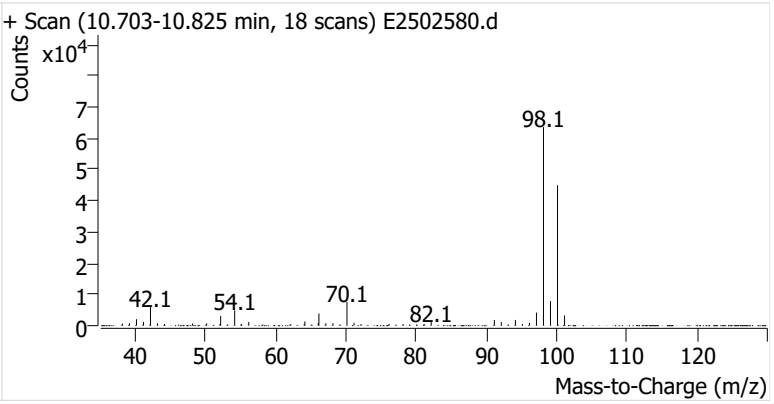
Benzene



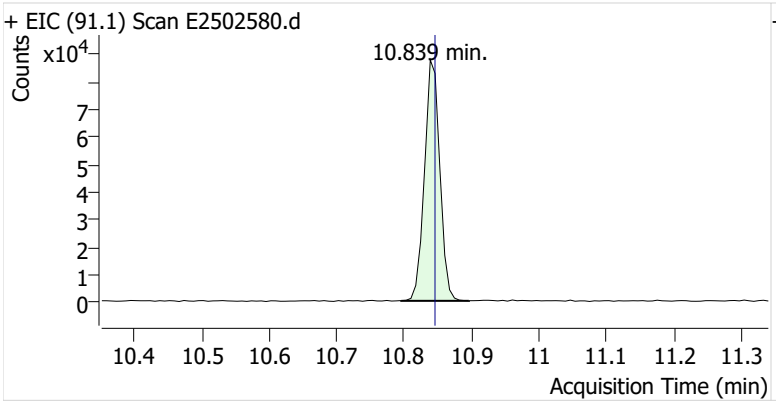


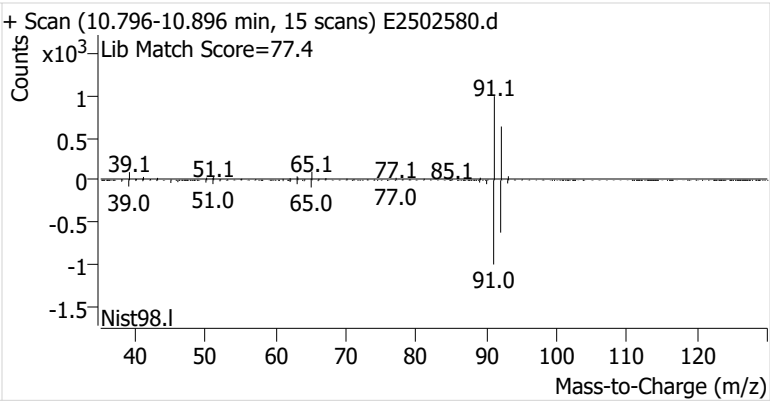
Toluene-d8 (IS)



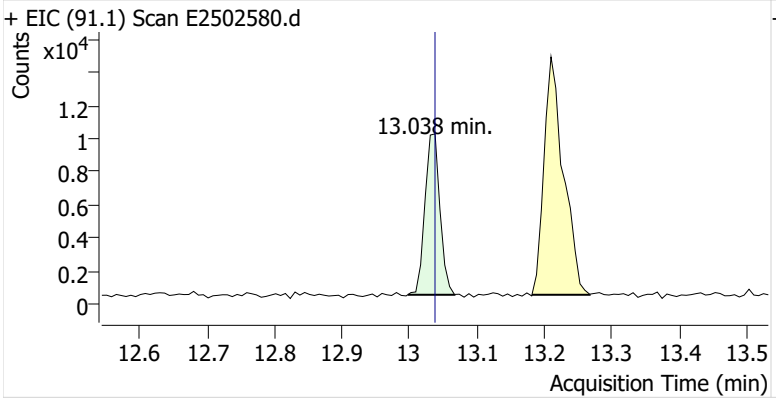


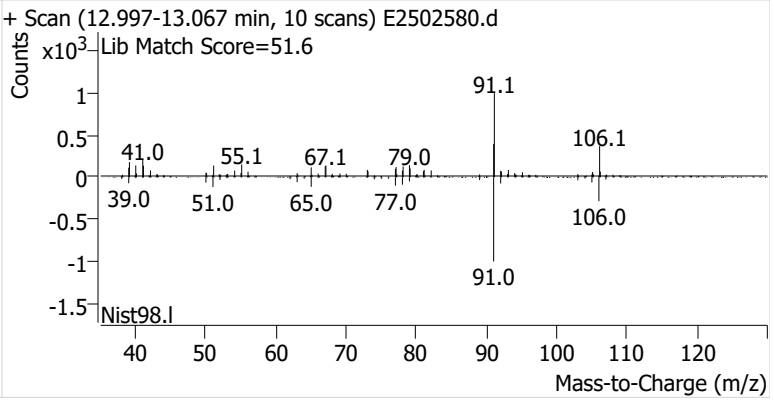
Toluene



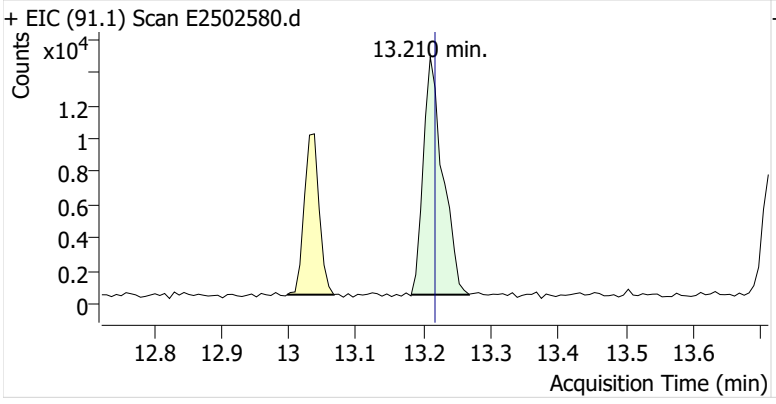


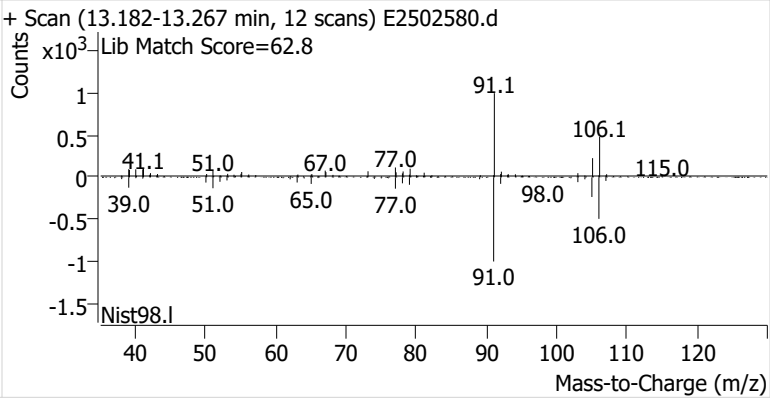
Ethylbenzene



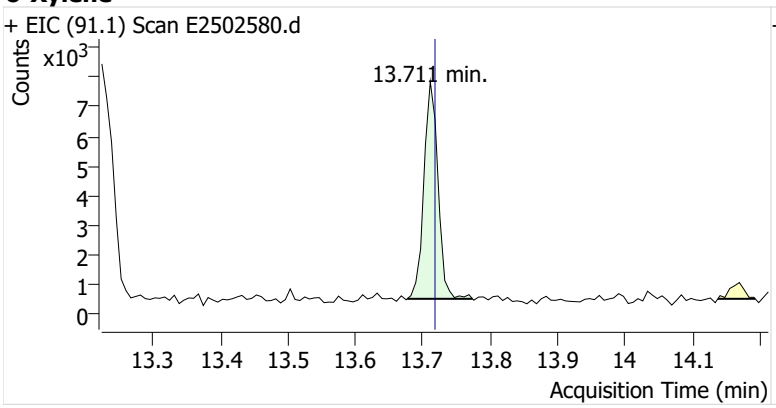


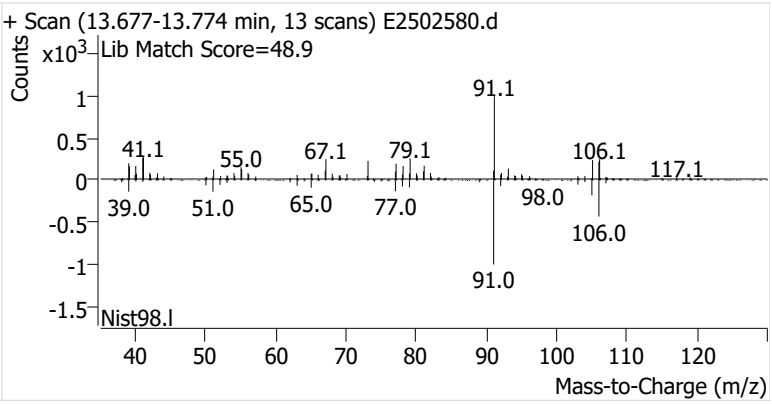
m-/p-Xylenes





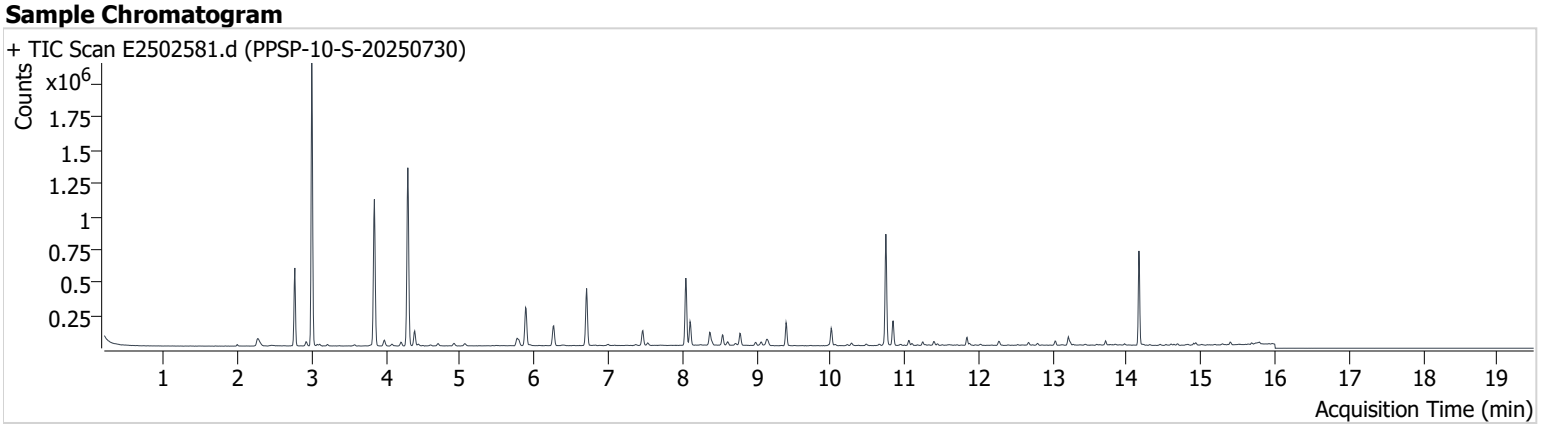
o-Xylene


+ EIC (91.1) Scan E2502580.d
Counts
x10^3
13.711 min.
Acquisition Time (min)


+ Scan (13.677-13.774 min, 13 scans) E2502580.d
Lib Match Score=48.9
Counts
x10^3
91.1
41.1
55.0
67.1
79.1
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

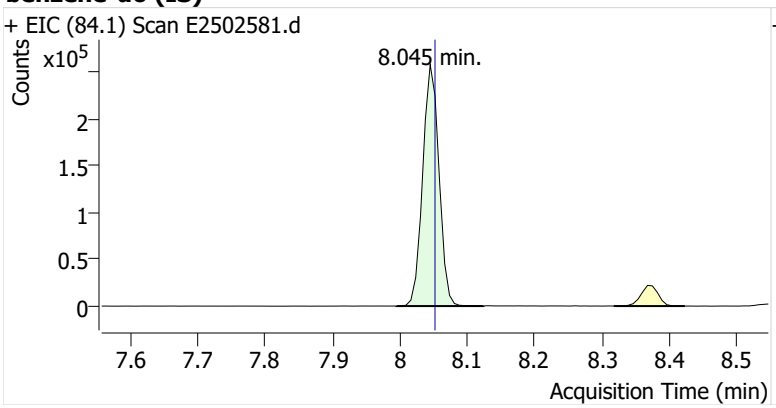
Name	PPSP-10-S-20250730
Comment	B27924
Data File	E2502581.d
Acq. Date-Time	8/14/2025 8:59:11 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

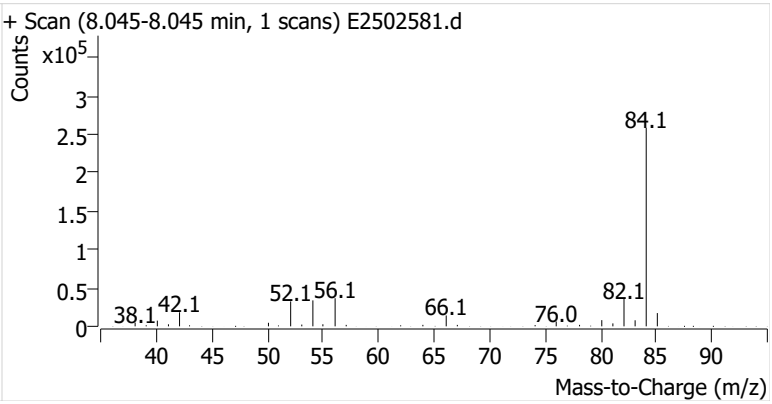
Sample Chromatogram



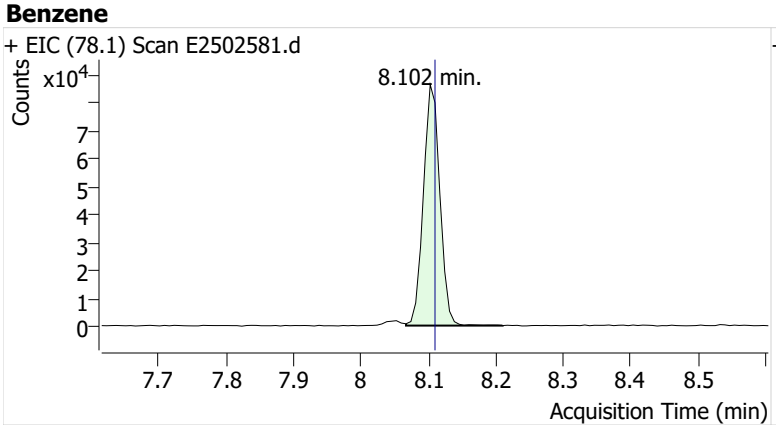
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	434,064	
Benzene	benzene-d6 (IS)	8.102	8.110	146,214	
Toluene-d8 (IS)		10.746	10.753	488,815	
Toluene	Toluene-d8 (IS)	10.839	10.846	118,818	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	20,486	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	42,884	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	15,293	

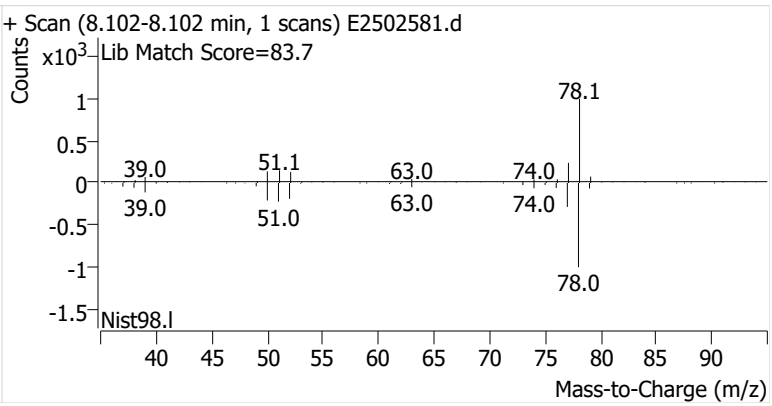
benzene-d6 (IS)



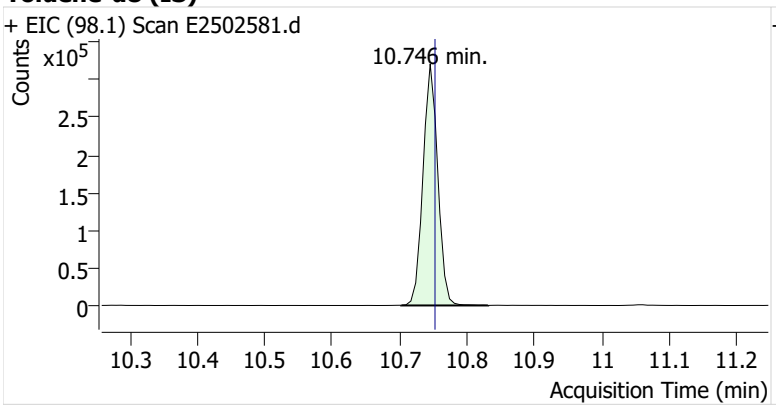


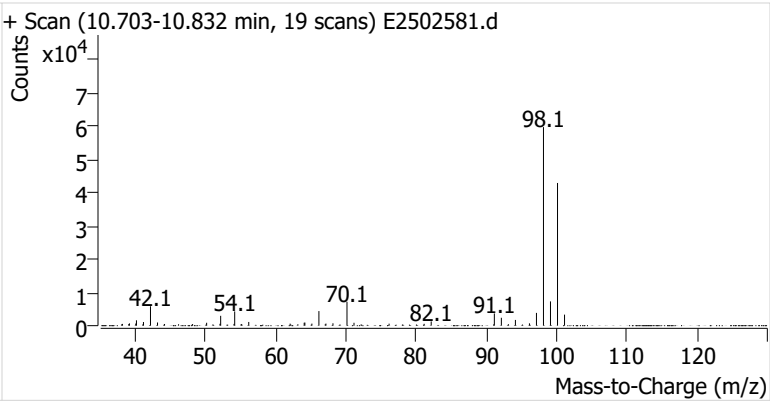
Benzene



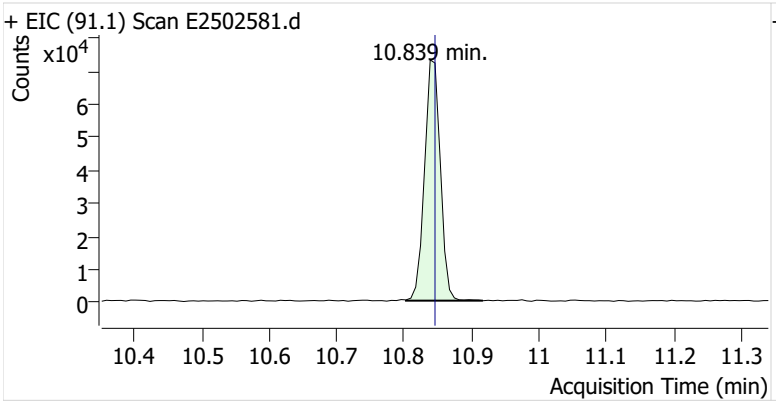


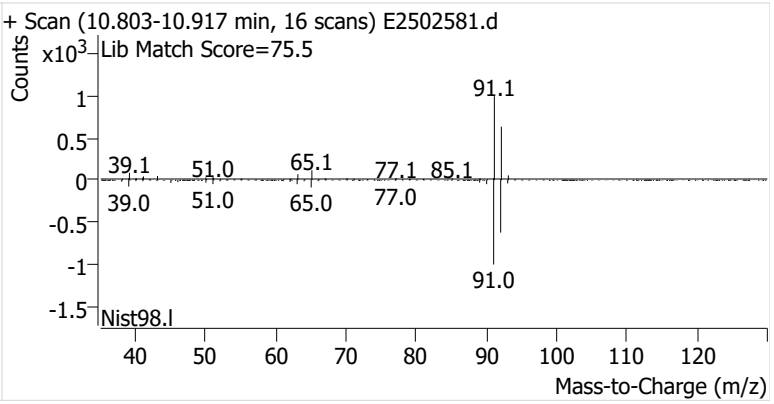
Toluene-d8 (IS)



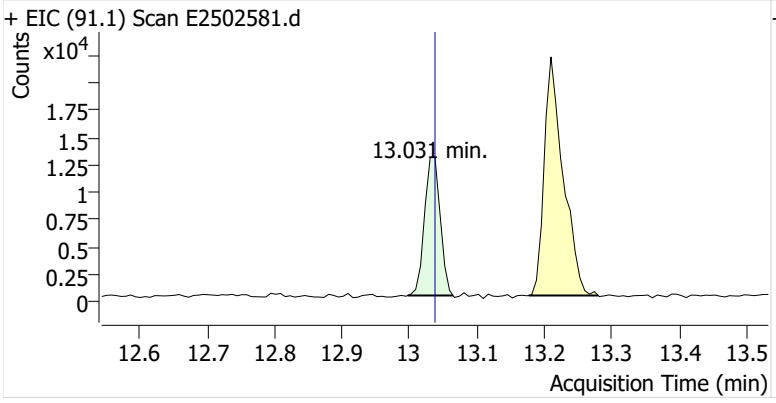


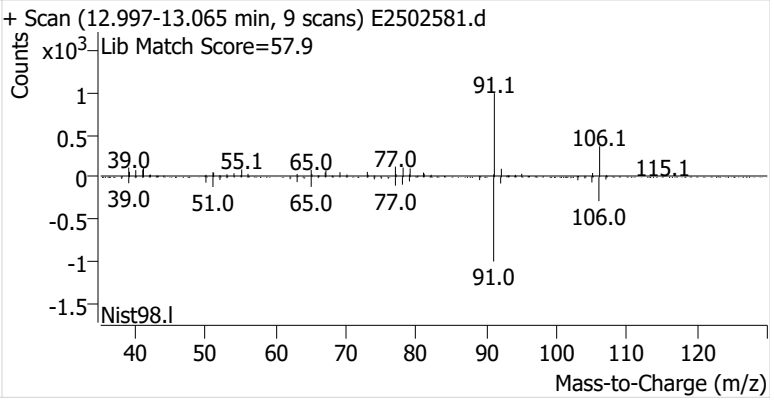
Toluene



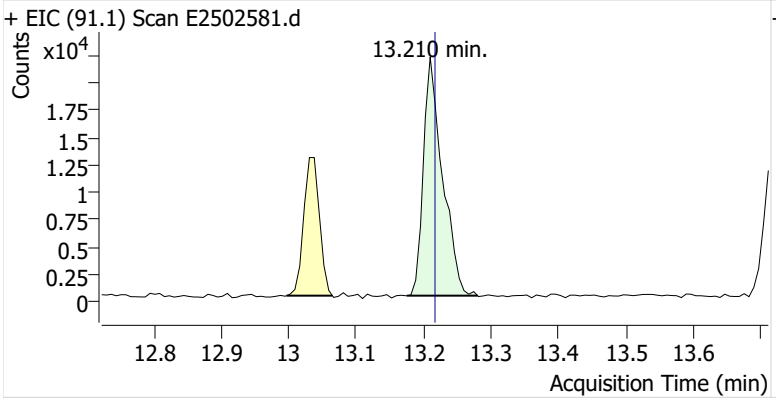


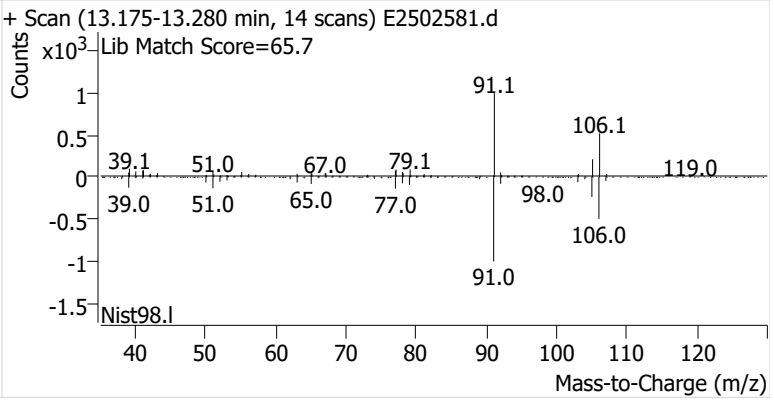
Ethylbenzene



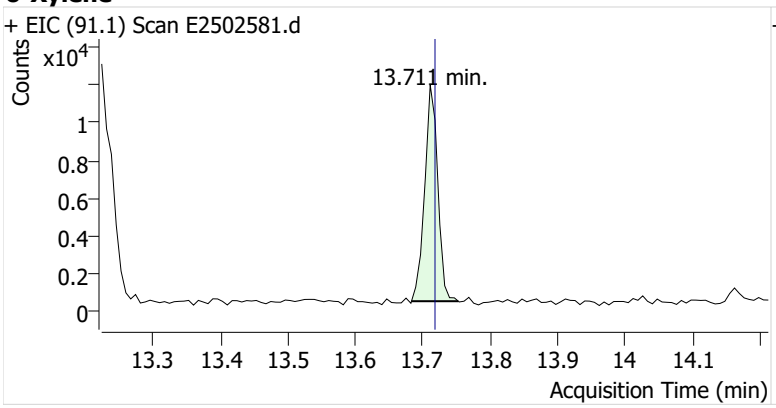


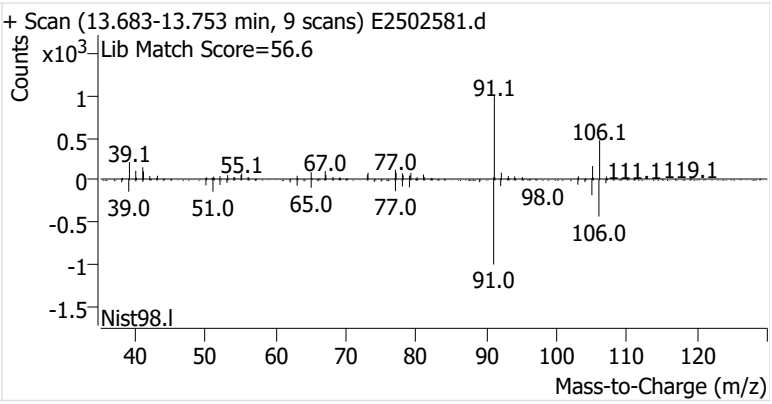
m-/p-Xylenes





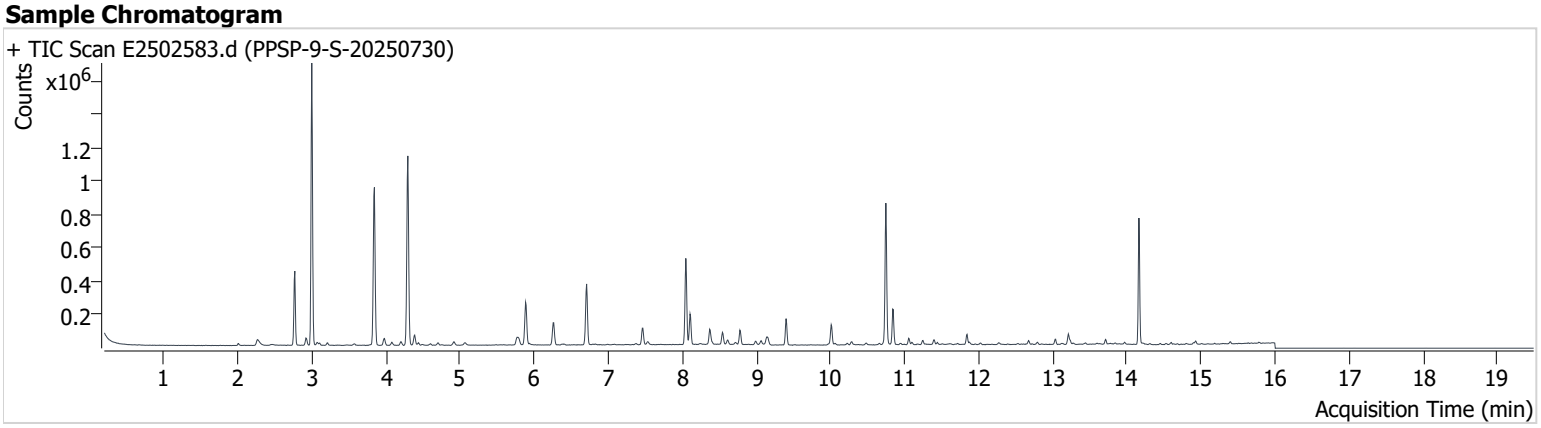
o-Xylene


+ EIC (91.1) Scan E2502581.d
Counts
x10^4
13.711 min.
1
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.683-13.753 min, 9 scans) E2502581.d
Lib Match Score=56.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
67.0
77.0
111.1119.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

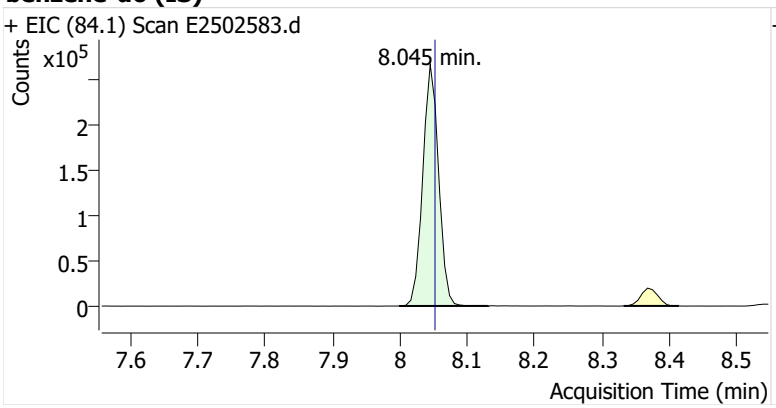
Name	PPSP-9-S-20250730
Comment	B47919
Data File	E2502583.d
Acq. Date-Time	8/14/2025 9:50:35 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

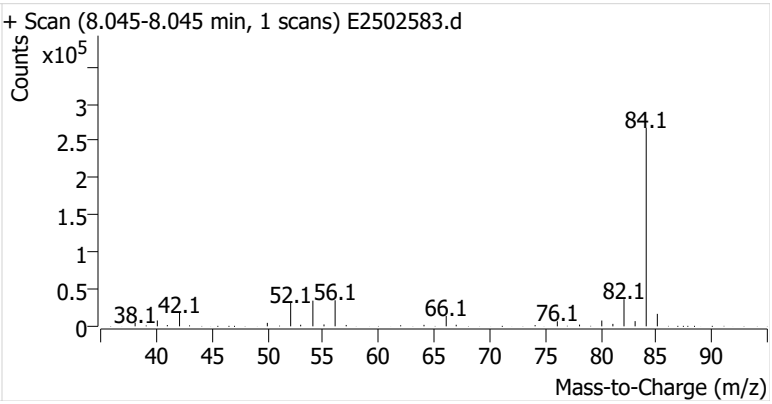
Sample Chromatogram



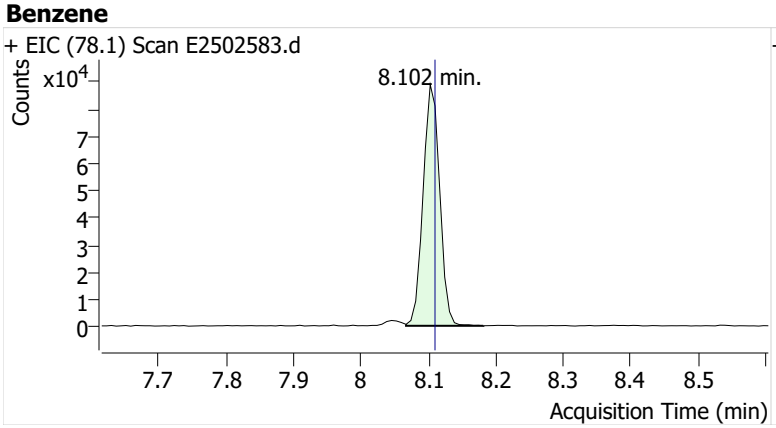
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	435,984	
Benzene	benzene-d6 (IS)	8.102	8.110	151,592	
Toluene-d8 (IS)		10.746	10.753	488,731	
Toluene	Toluene-d8 (IS)	10.839	10.846	133,709	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	19,091	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	41,866	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	16,174	

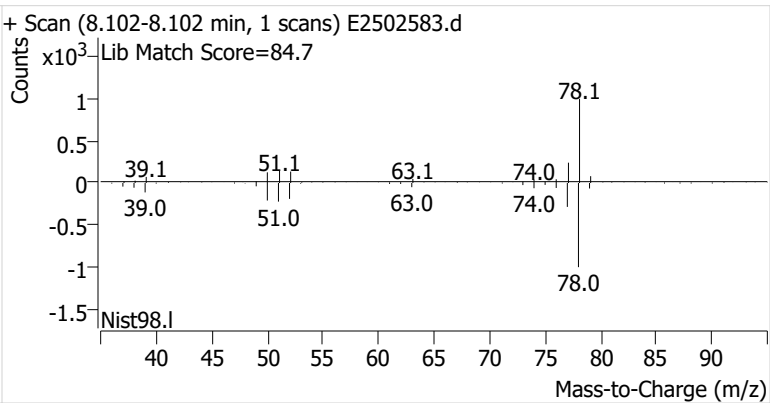
benzene-d6 (IS)



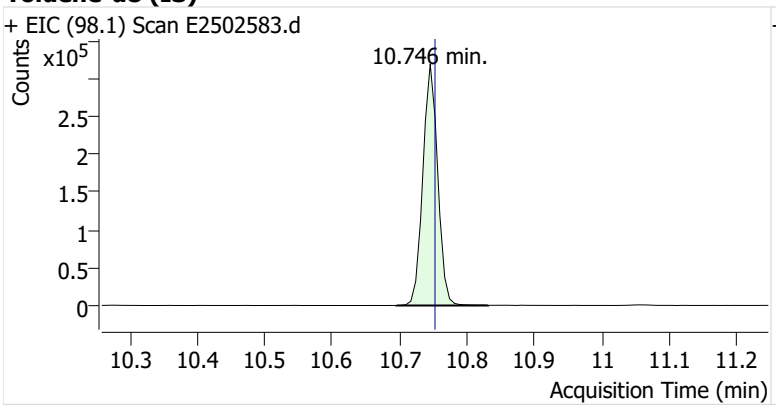


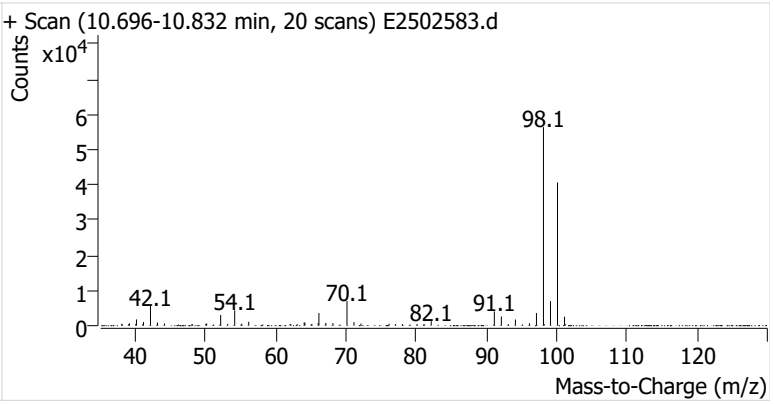
Benzene



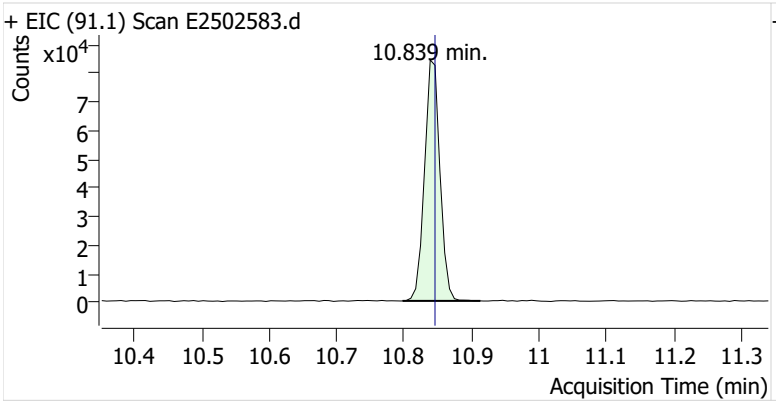


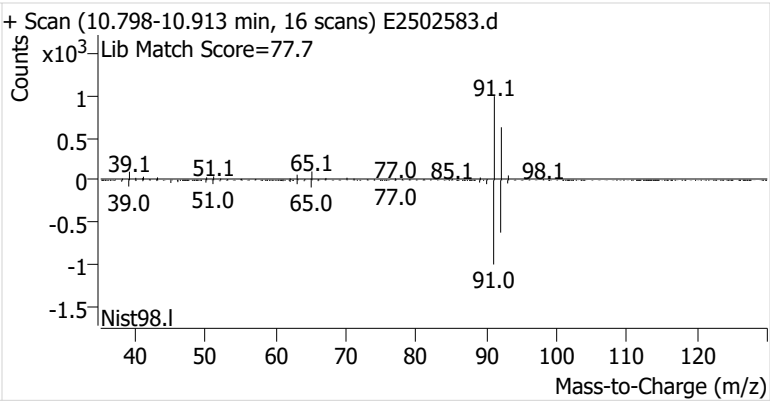
Toluene-d8 (IS)



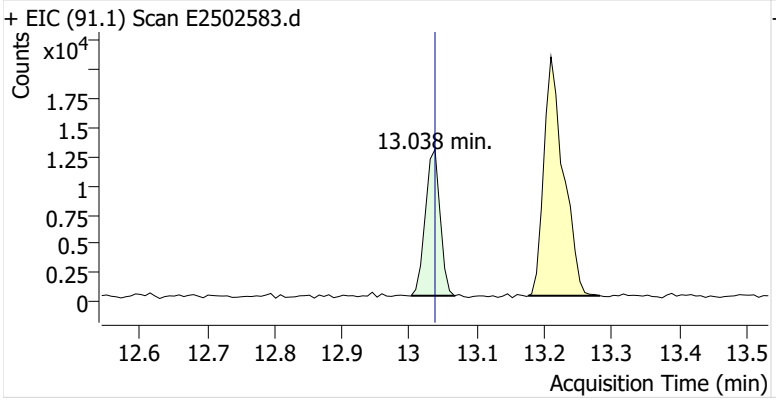


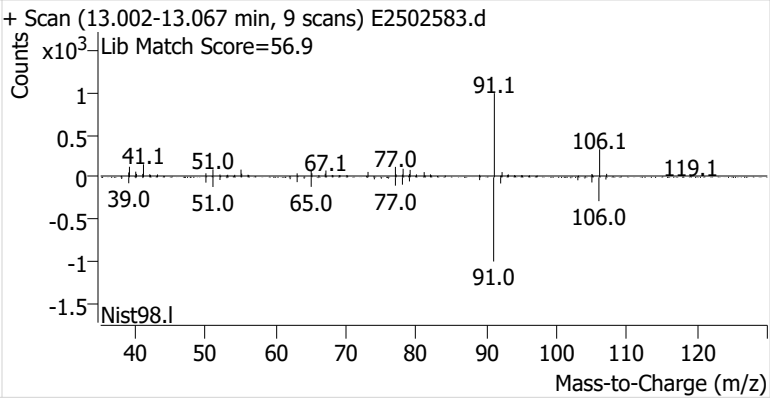
Toluene



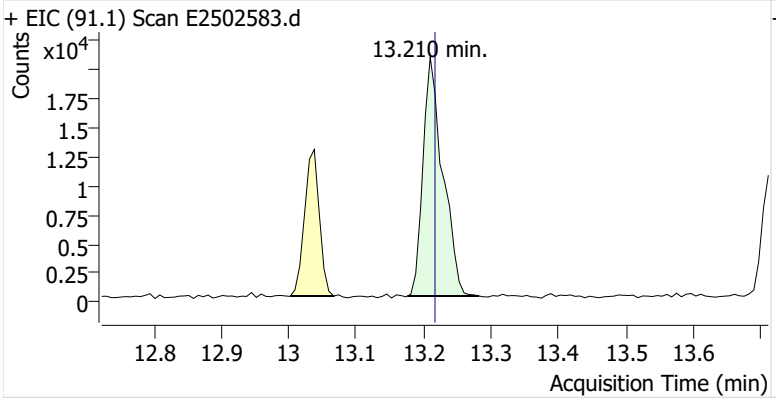


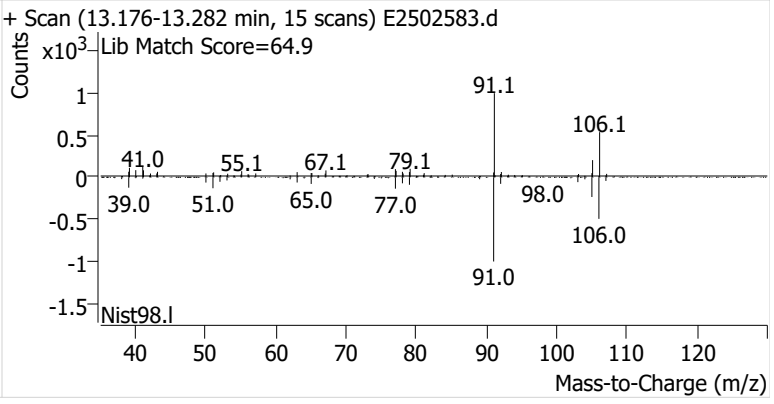
Ethylbenzene



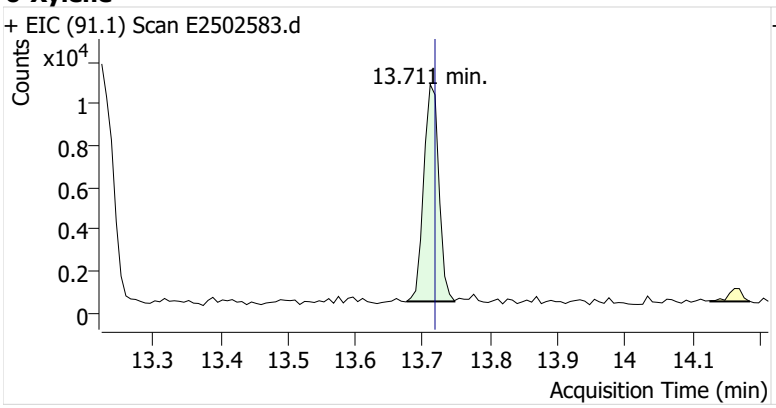


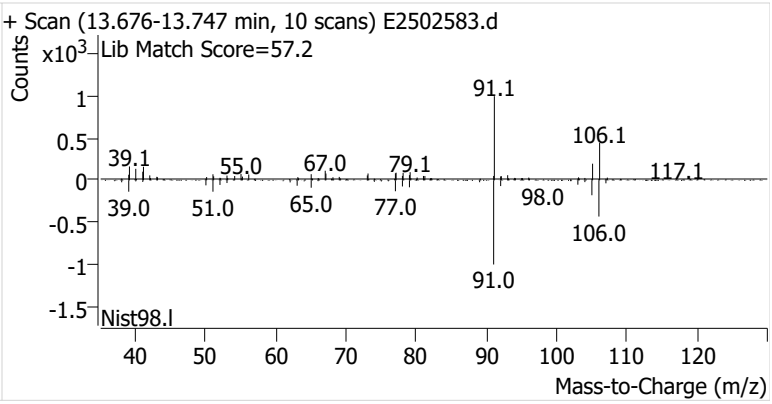
m-/p-Xylenes





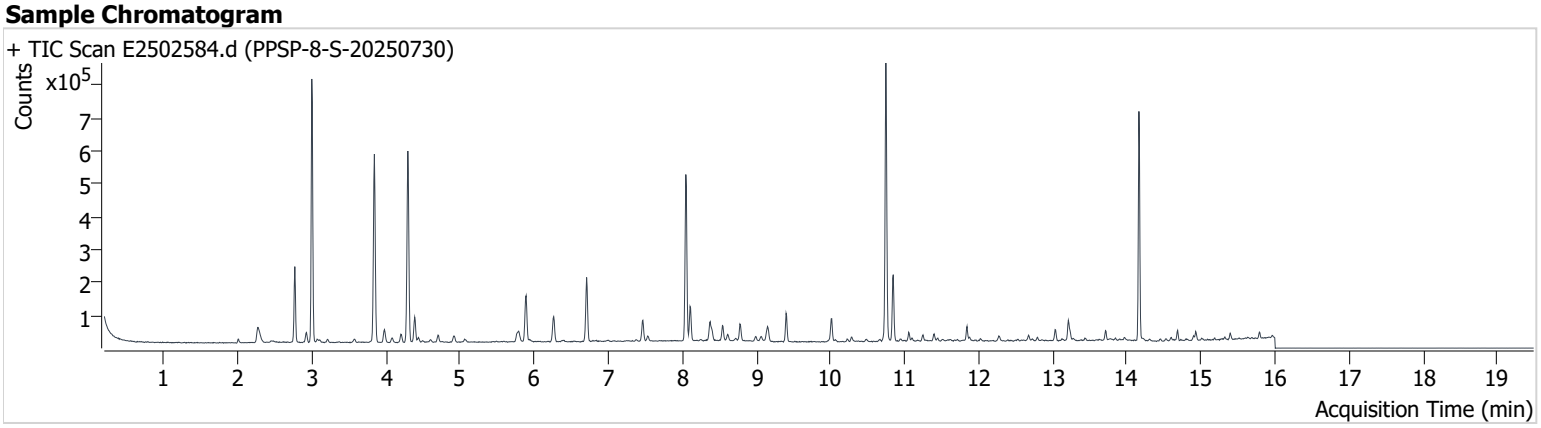
o-Xylene


+ EIC (91.1) Scan E2502583.d
Counts
x10^4
13.711 min.
1
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.676-13.747 min, 10 scans) E2502583.d
Counts
x10^3
Lib Match Score=57.2
91.1
106.1
39.1
55.0
67.0
79.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

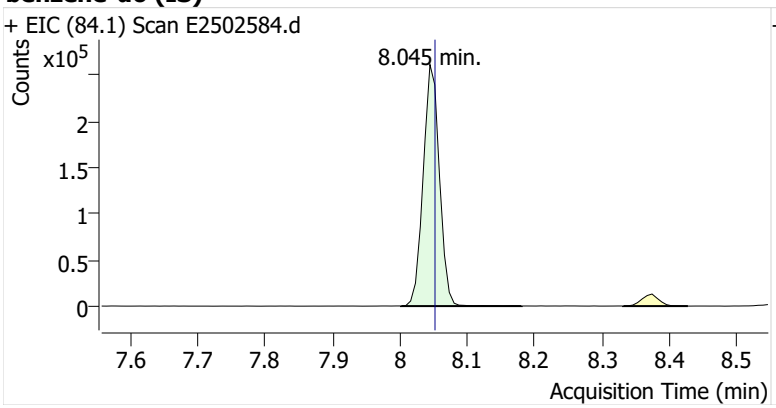
Name	PPSP-8-S-20250730
Comment	B46079
Data File	E2502584.d
Acq. Date-Time	8/14/2025 10:16:16 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

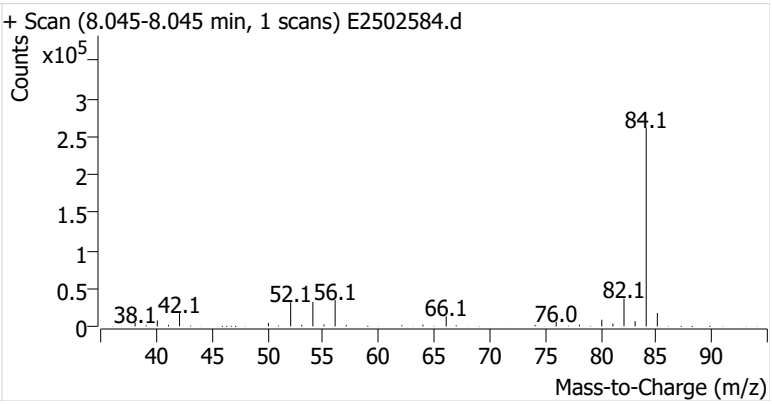
Sample Chromatogram



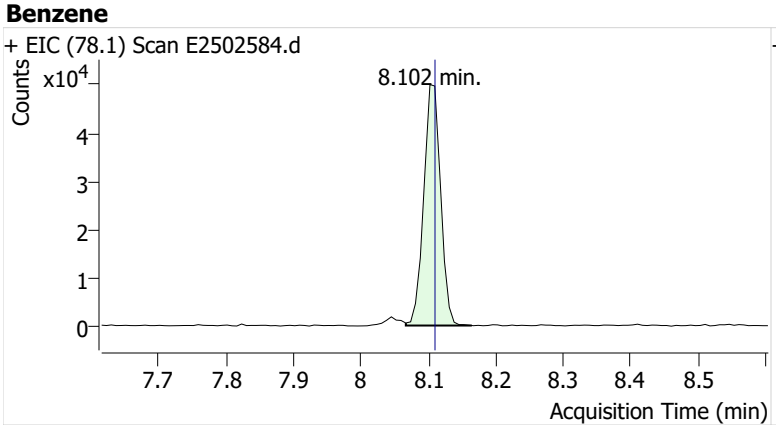
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	437,209	
Benzene	benzene-d6 (IS)	8.102	8.110	86,407	
Toluene-d8 (IS)		10.745	10.753	485,950	
Toluene	Toluene-d8 (IS)	10.846	10.846	126,288	
Ethylbenzene	Toluene-d8 (IS)	13.030	13.038	22,607	
m-/p-Xylenes	Toluene-d8 (IS)	13.209	13.217	44,077	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	15,446	

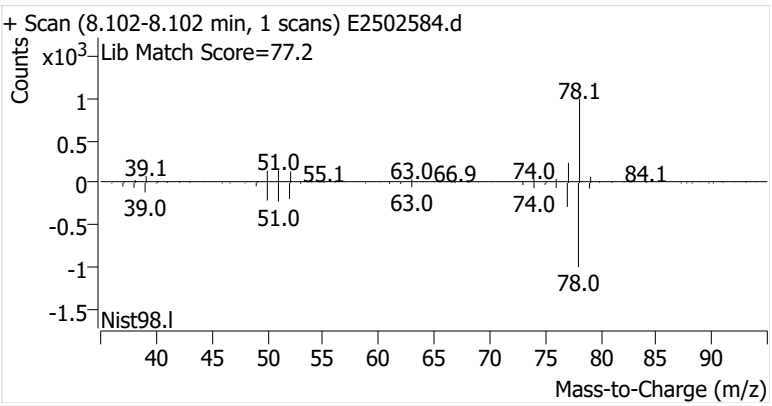
benzene-d6 (IS)



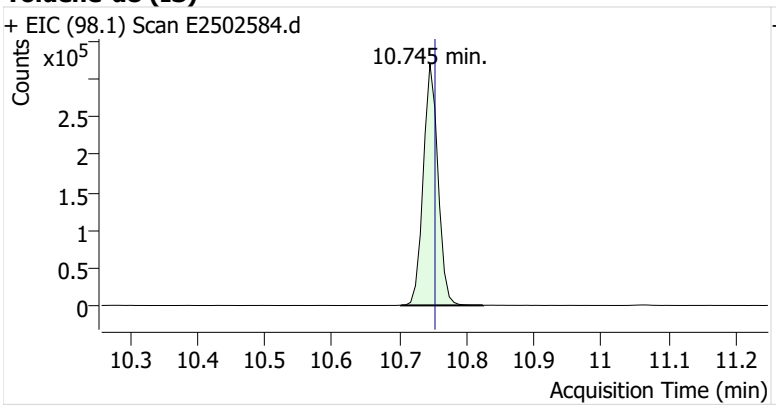


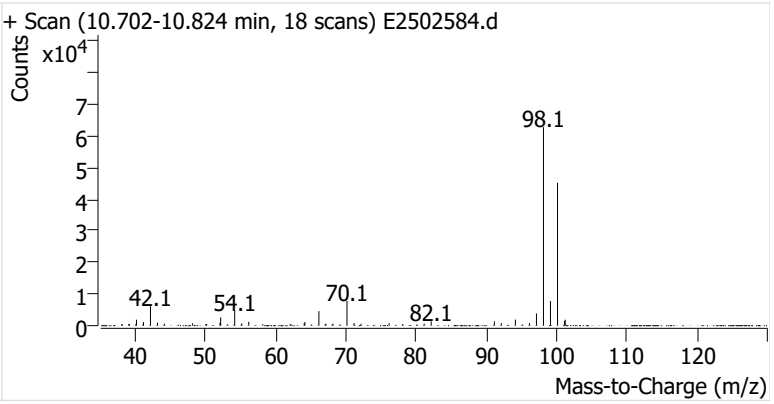
Benzene



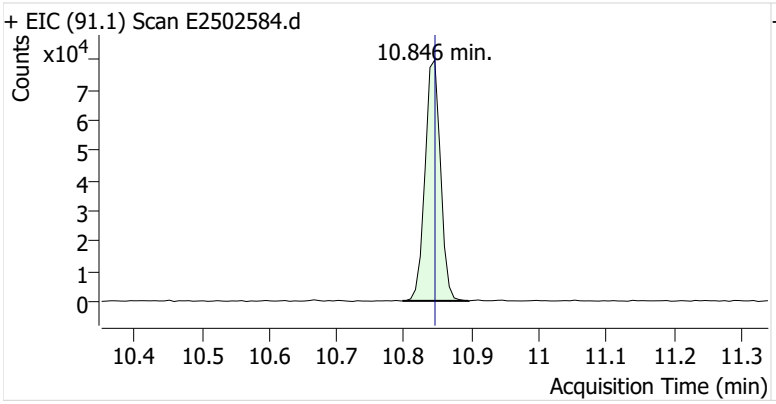


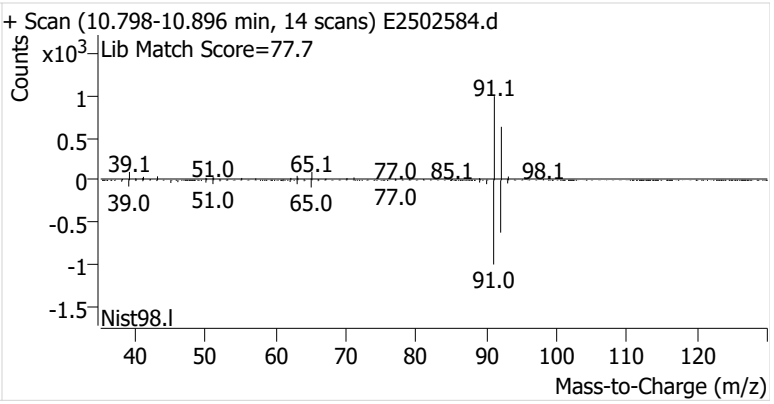
Toluene-d8 (IS)



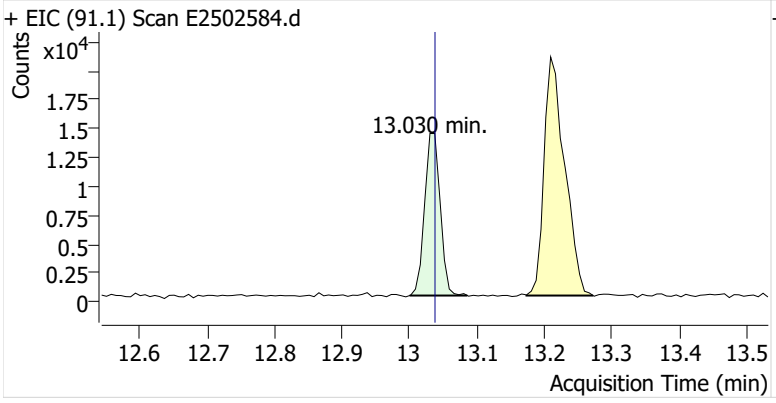


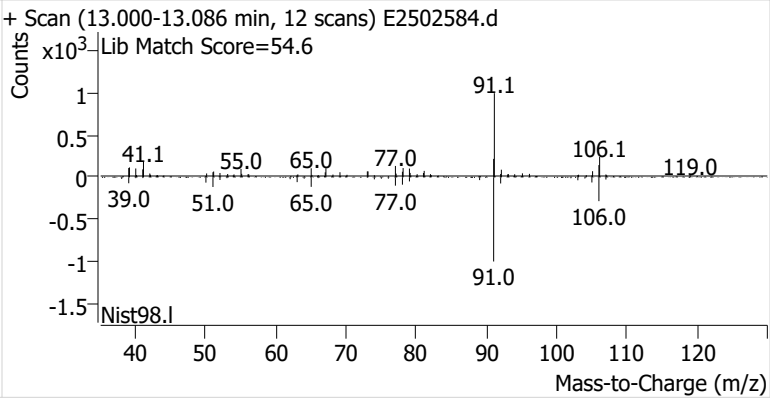
Toluene



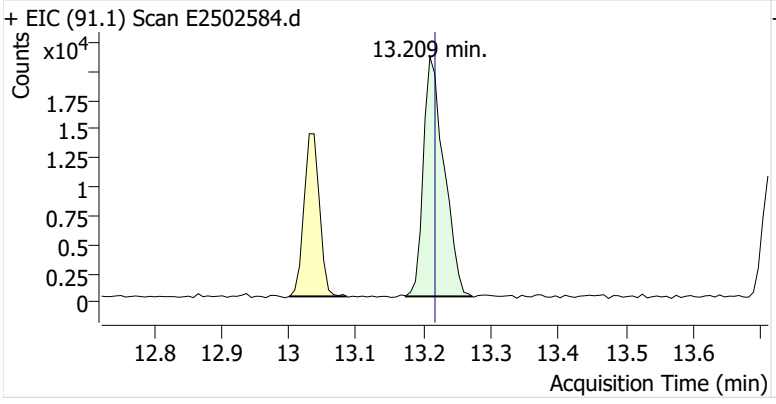


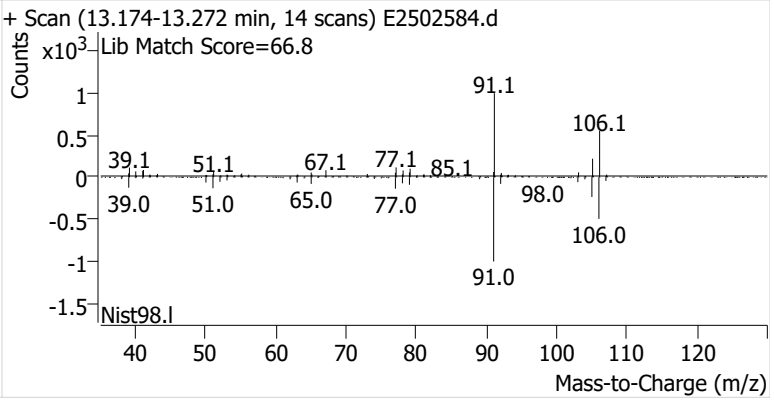
Ethylbenzene



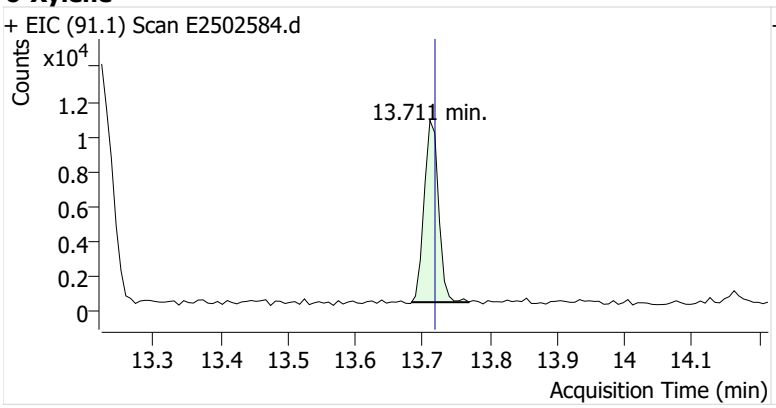


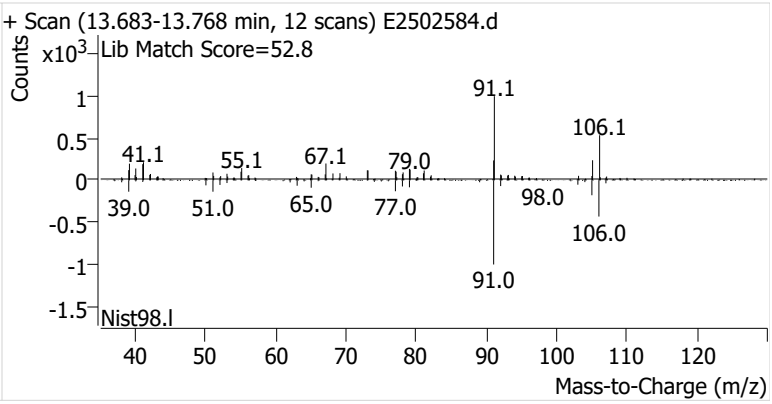
m-/p-Xylenes





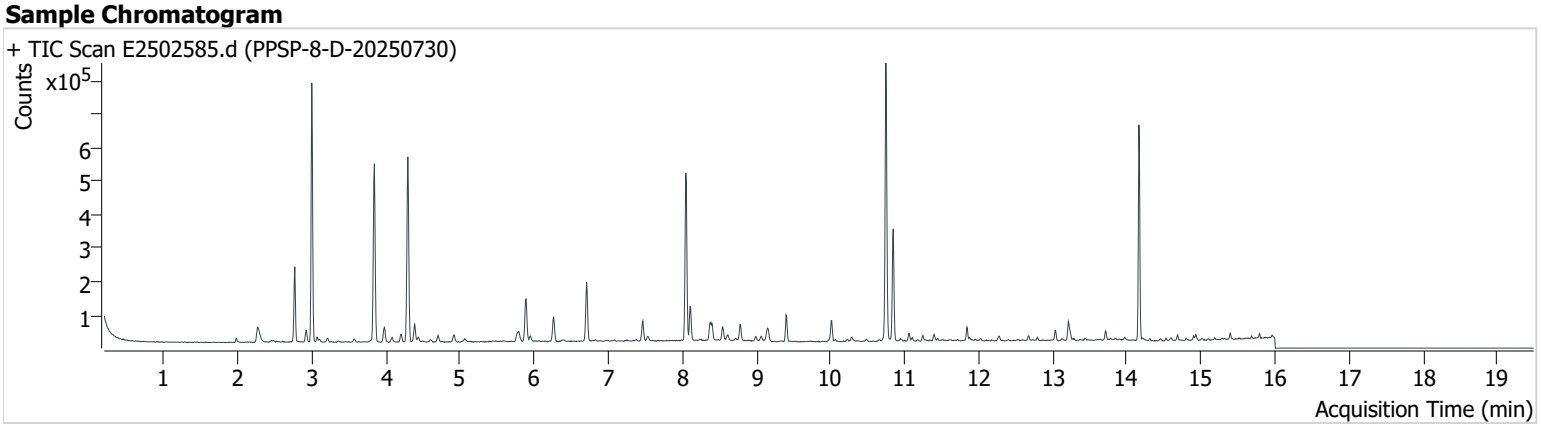
o-Xylene


+ EIC (91.1) Scan E2502584.d
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
13.711 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.683-13.768 min, 12 scans) E2502584.d
Counts
x10^3
Lib Match Score=52.8
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

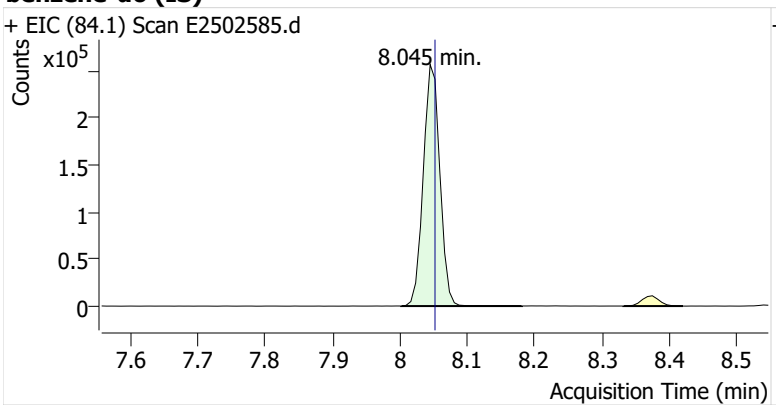
Name	PPSP-8-D-20250730
Comment	C17122
Data File	E2502585.d
Acq. Date-Time	8/14/2025 10:42:00 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

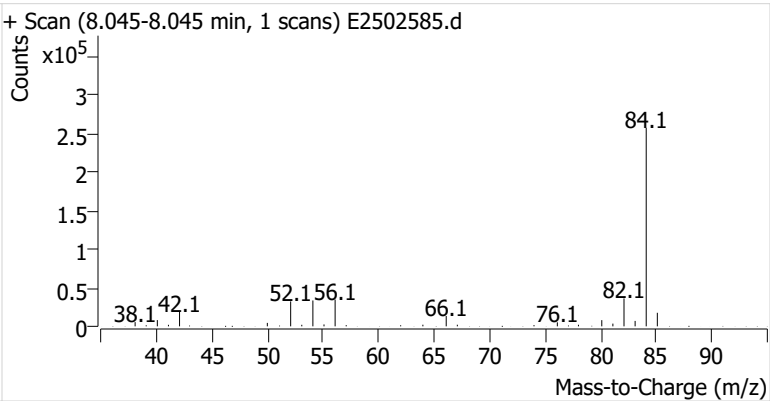
Sample Chromatogram



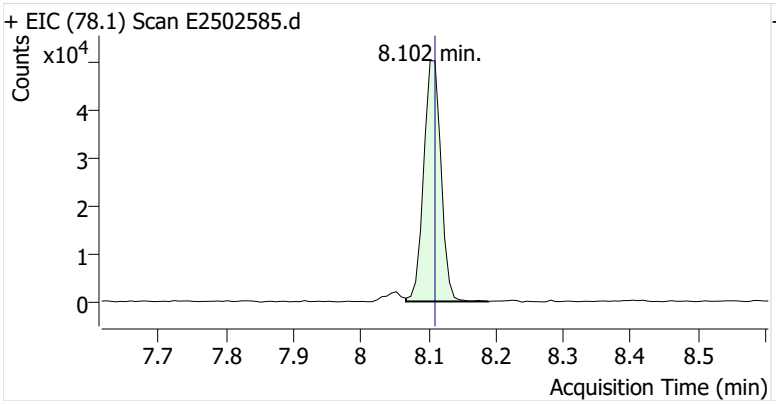
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	438,365	
Benzene	benzene-d6 (IS)	8.102	8.110	88,852	
Toluene-d8 (IS)		10.746	10.753	493,753	
Toluene	Toluene-d8 (IS)	10.846	10.846	212,382	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	20,364	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	41,427	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	14,392	

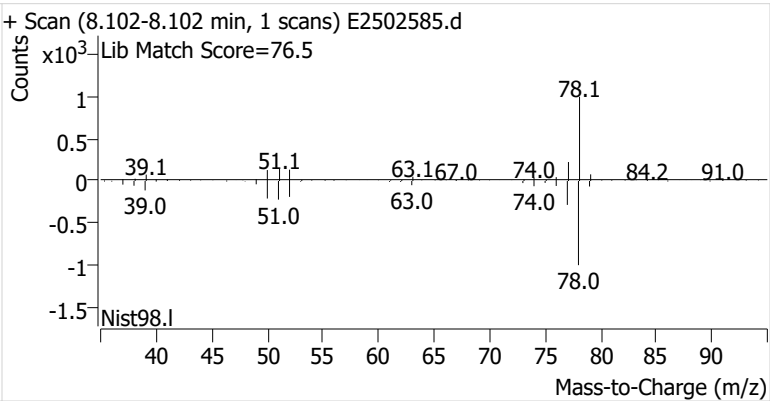
benzene-d6 (IS)



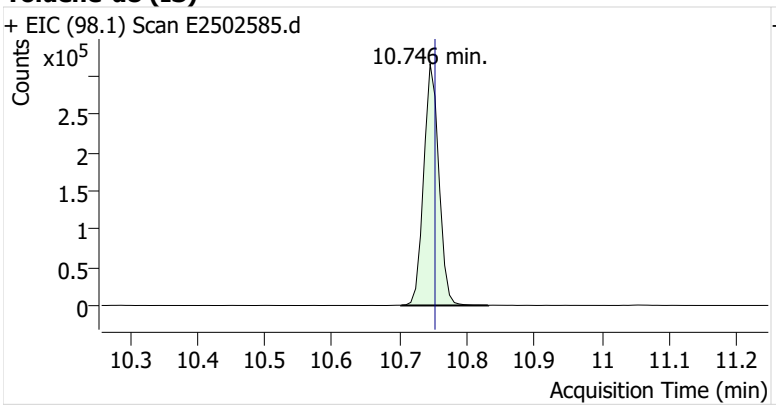


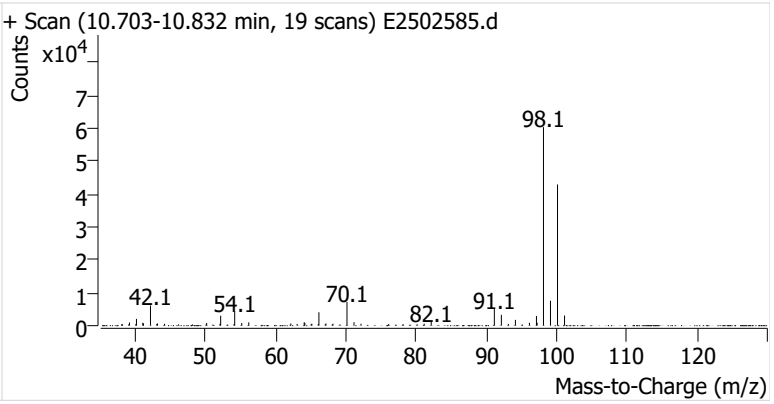
Benzene



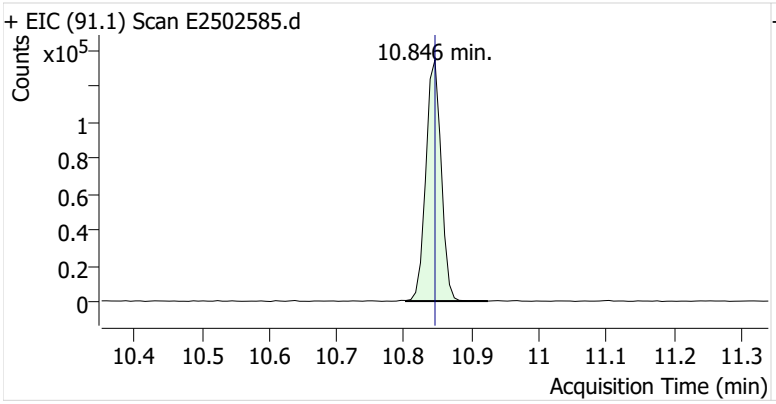


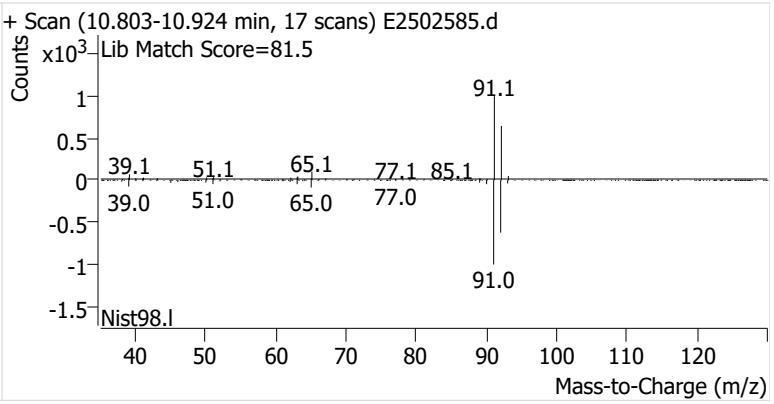
Toluene-d8 (IS)



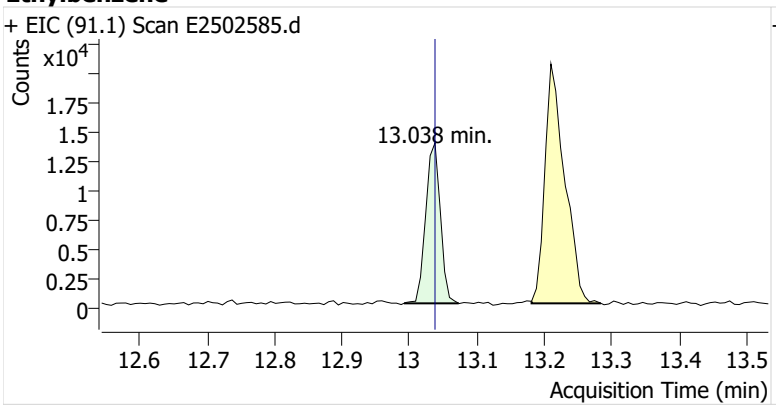


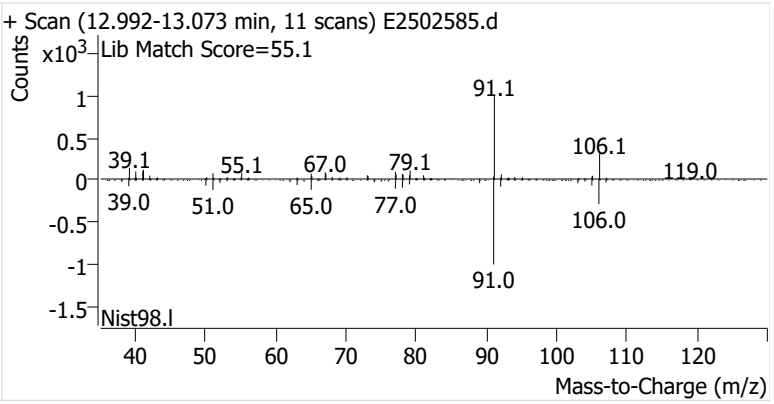
Toluene



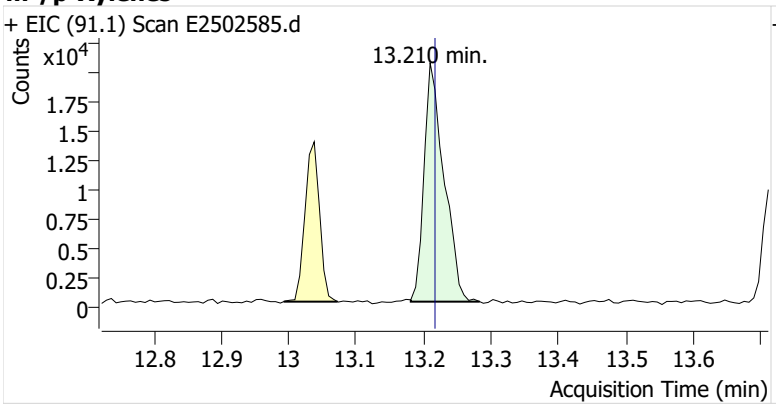


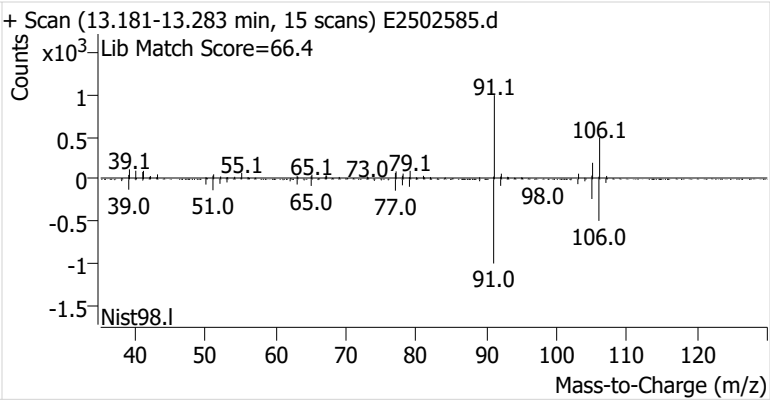
Ethylbenzene



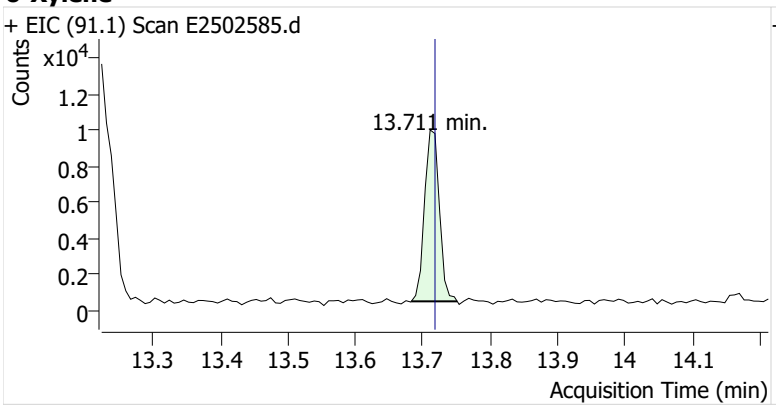


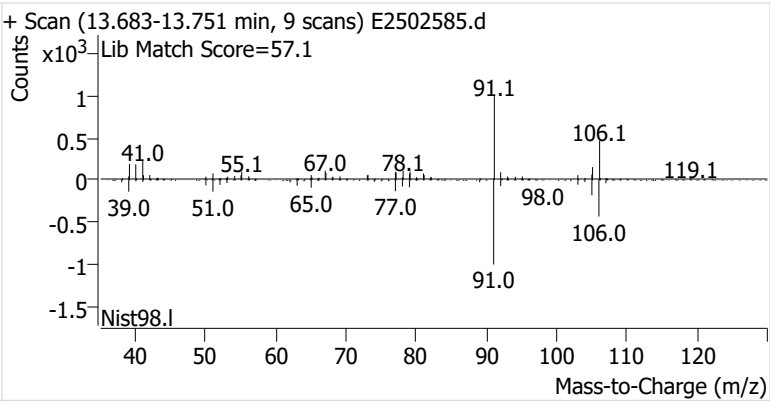
m-/p-Xylenes





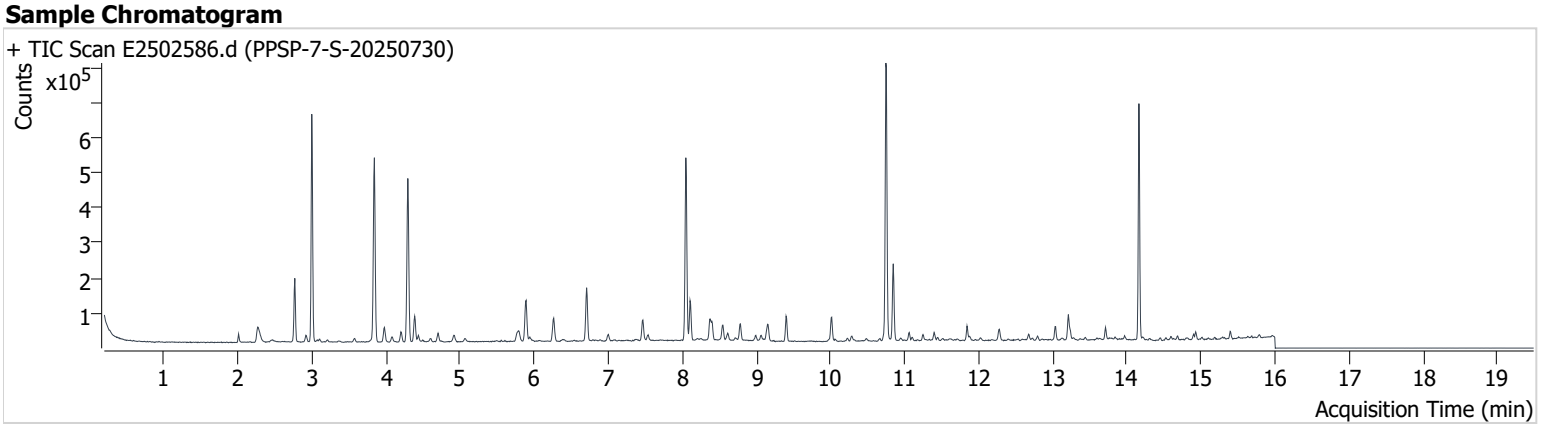
o-Xylene


+ EIC (91.1) Scan E2502585.d
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
13.711 min.
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.683-13.751 min, 9 scans) E2502585.d
Counts
x10^3
Lib Match Score=57.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.0
55.1
67.0
78.1
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

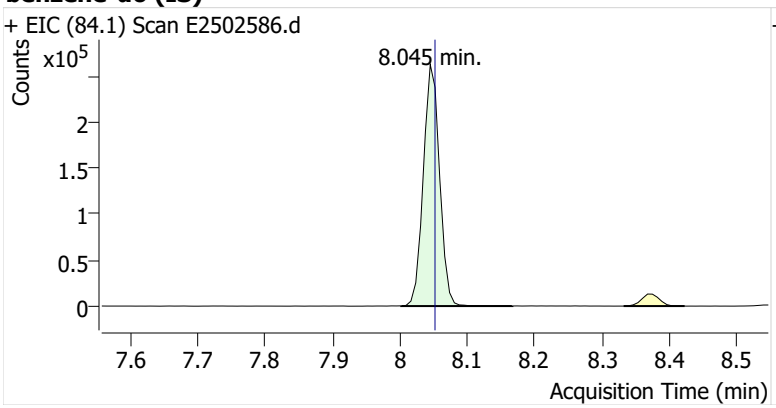
Name	PPSP-7-S-20250730
Comment	B17555
Data File	E2502586.d
Acq. Date-Time	8/14/2025 11:07:48 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

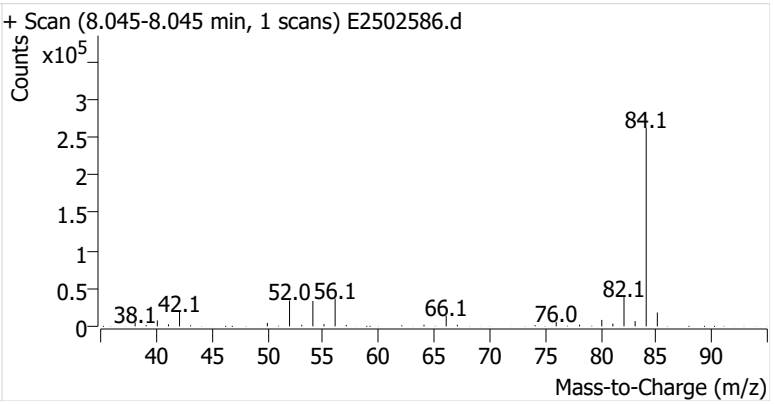
Sample Chromatogram



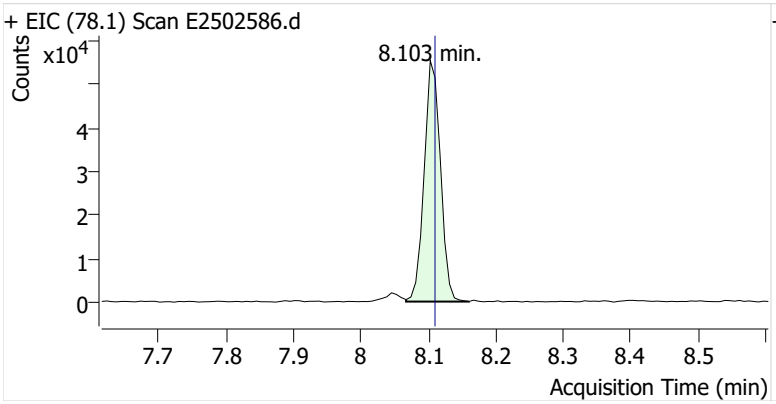
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	438,584	
Benzene	benzene-d6 (IS)	8.103	8.110	92,422	
Toluene-d8 (IS)		10.746	10.753	488,869	
Toluene	Toluene-d8 (IS)	10.846	10.846	132,070	
Ethylbenzene	Toluene-d8 (IS)	13.038	13.038	25,304	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	50,194	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	16,815	

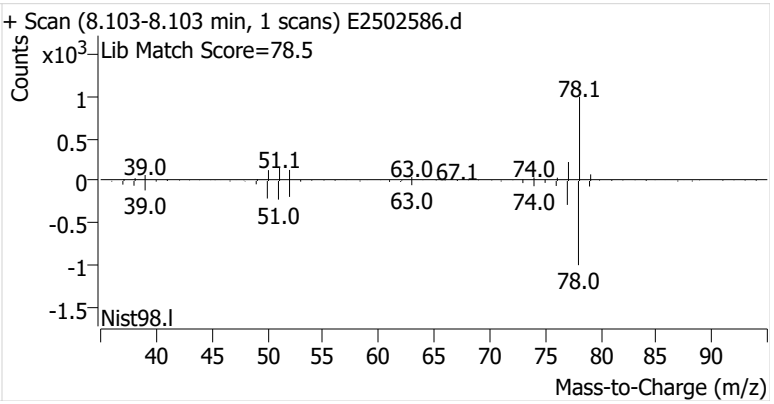
benzene-d6 (IS)



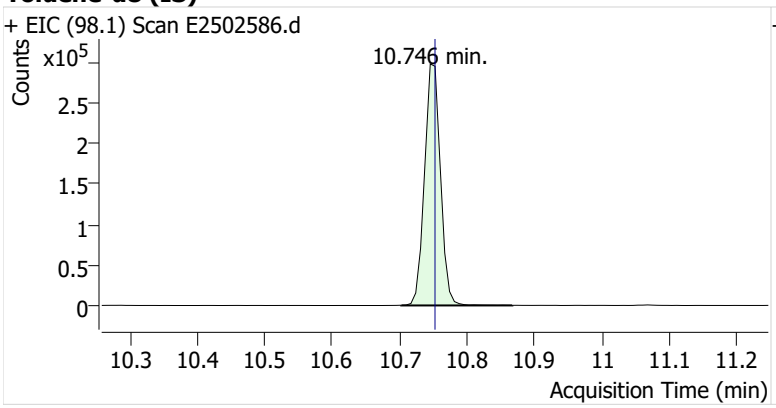


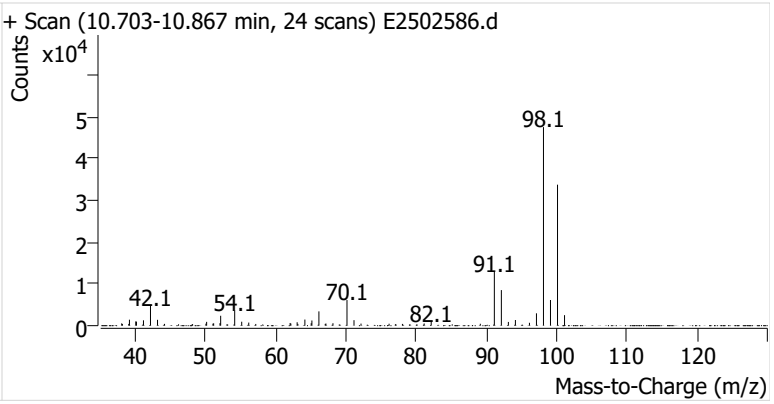
Benzene



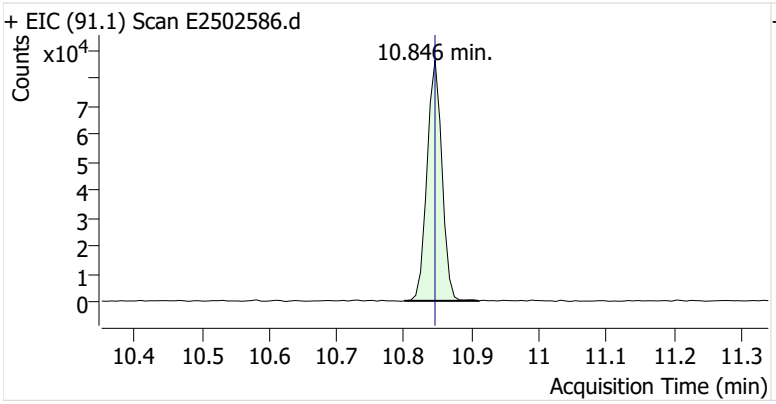


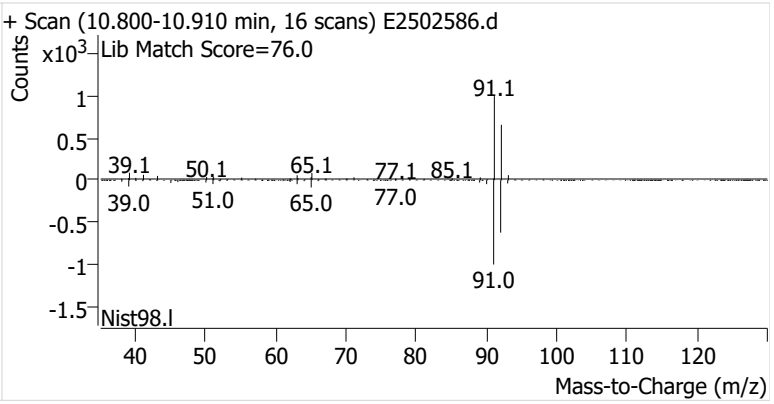
Toluene-d8 (IS)



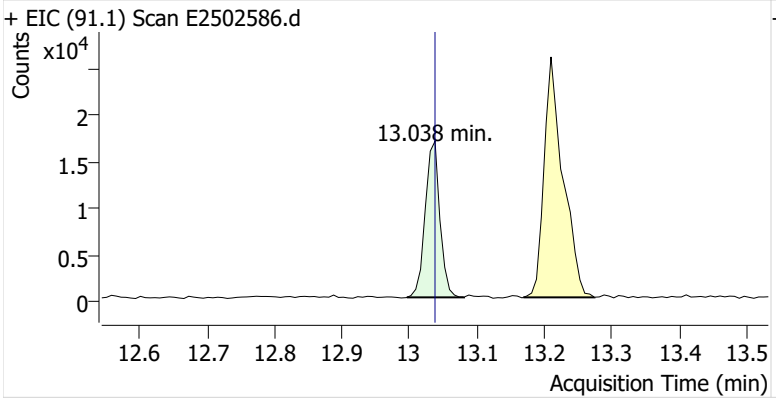


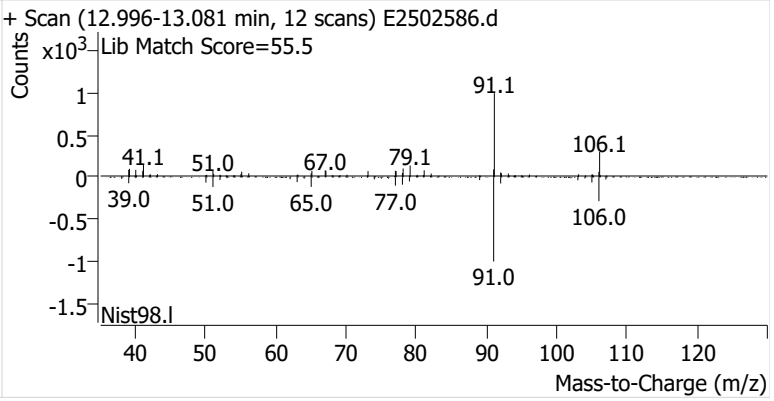
Toluene



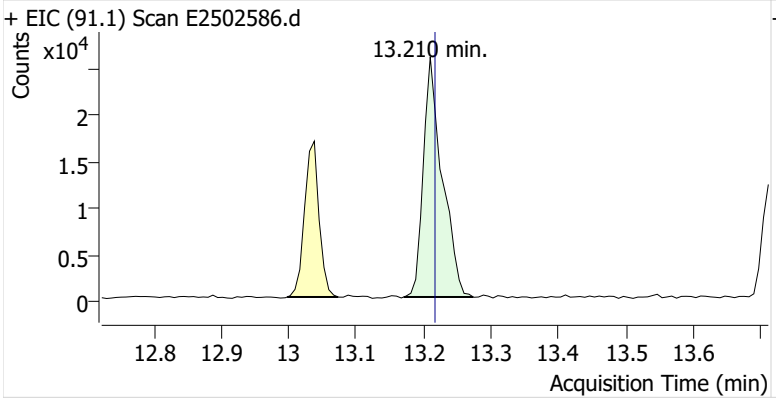


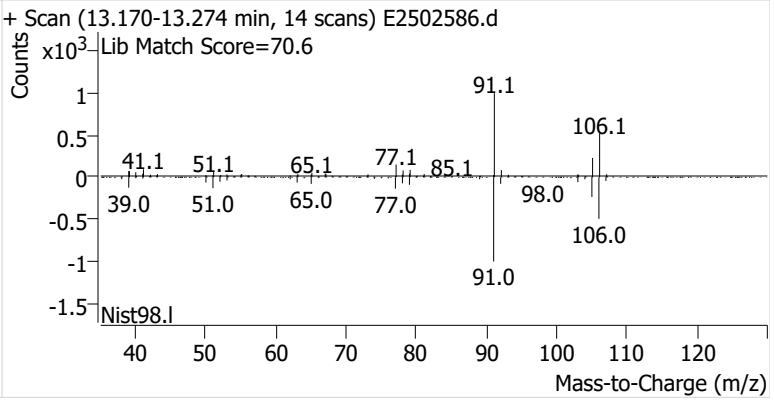
Ethylbenzene



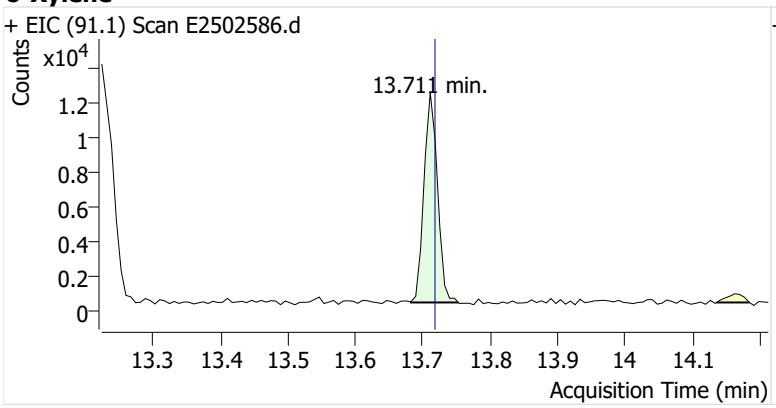


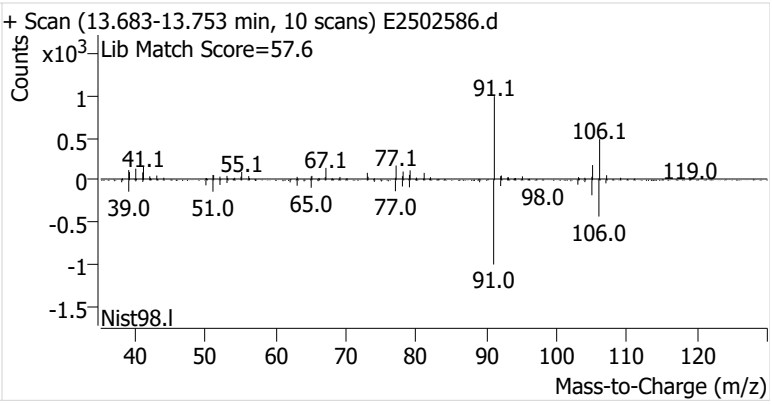
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan E2502586.d
Counts
x10^4
13.711 min.
1.2
1
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.683-13.753 min, 10 scans) E2502586.d
Counts
x10^3
Lib Match Score=57.6
91.1
106.1
41.1
55.1
67.1
77.1
119.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Initial Calibration

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW304-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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: Power Engineers, Inc.
Job No.: 2025FW304-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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.20250630

Sample Custody

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

ENTHALPY ANALYTICAL 2025FW304

Page # 1 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	Client Name:	Portland Pipe Line	PO#:	
Site Address:		Project Number:		Sample Event #	
City:		Project Manager:	Tom Rolfson	Sorbent:	
State		Email Address:	tom.rolfson@powererg.com		
Zip:		Telephone #:			

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)
6	C20572	sample	7/30/25	11:11 AM	8/13/25	10:31 AM	JB / JB		
5	B18384	sample	7/30/25	11:15 AM	8/13/25	10:36 AM	JB / JB		
4	B18431	sample	7/30/25	11:20 AM	8/13/25	10:40 AM	JB / JB		
3	B50656	sample	7/30/25	11:24 AM	8/13/25	10:44 AM	JB / JB		
2	C56896	sample	7/30/25	11:29 AM	8/13/25	10:49 AM	JB / JB		
1	C01466	sample	7/30/25	11:33 AM	8/13/25	10:52 AM	JB / JB		
1	C15910	blank	7/30/25	11:33 AM	8/13/25	10:52 AM	JB / JB		
13	B18429	sample	7/30/25	11:38 AM	8/13/25	10:56 AM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	8/13/2025	
Recieved By (printed):	Recieved By (signature):	Receipt Date:	Receipt Time:
Paige Grandman	Paige Grandman	8-14-25	11:17 am
Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good	BTEX	Y	
Ice Temp: / Blank Temp: 12.1 / Fluke 4		Add Custody Seal # below: 24G15891	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

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

Page # 2 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	Client Name:	Portland Pipe Line	PO#:	
Site Address:		Project Number:		Sample Event #:	
City:		Project Manager:	Tom Rolfson	Sorbent:	
State		Email Address:	tom.rolfson@powererg.com		
Zip:		Telephone #:			

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)
12	C55445	sample	7/30/25	11:46 AM	8/13/25	11:03 AM	JB / JB		
11	B52810	sample	7/30/25	11:53 AM	8/13/25	11:11 AM	JB / JB		
10	B27924	sample	7/30/25	11:58 AM	8/13/25	11:17 AM	JB / JB		
9	B47919	sample	7/30/25	12:02 PM	8/13/25	11:20 AM	JB / JB		
8	B46079	sample	7/30/25	12:08 PM	8/13/25	11:27 AM	JB / JB		
8	C17122	duplicate	7/30/25	12:08 PM	8/13/25	11:27 AM	JB / JB		
7	B17555	sample	7/30/25	12:12 PM	8/13/25	11:31 AM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	8/13/2025	
Recieved By (printed):	Recieved By (signature):	Receipt Date:	Receipt Time:
Paige Grundman	Paige Grundman	8-14-25	11:17 am
Sample Condition Upon Receipt:	Compound List:	Custody Seal intact? Y/N:	Delivery tracking #
Good	BTEX	Y	
Ice Temp: / Blank Temp: 12.1 / Fluke 4		Add Custody Seal # below: 24G15891	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

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This Is The Last Page Of This Report.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 9/3/2025

Analytical Report
2025FW305

EPA Method 325B Analysis

Report Issue Date: 9/12/2025

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

ENTHALPY
ANALYTICAL

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

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW305-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Enthalpy Analytical on September 3, 2025 at 9.2 °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
PPSP-6-S-20250813	C36946	Sample
PPSP-5-S-20250813	C36907	Sample
PPSP-4-S-20250813	B20666	Sample
PPSP-3-S-20250813	C37507	Sample
PPSP-2-S-20250813	B14117	Sample
PPSP-1-S-20250813	B52703	Sample
PPSP-1-B-20250813	C00813	Blank
PPSP-13-S-20250813	C43719	Sample
PPSP-12-S-20250813	C01379	Sample
PPSP-11-S-20250813	B46845	Sample
PPSP-10-S-20250813	C01753	Sample
PPSP-9-S-20250813	C53601	Sample
PPSP-8-S-20250813	B10489	Sample
PPSP-8-D-20250813	B52669	Duplicate
PPSP-7-S-20250813	B19767	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-td-cryo9 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.

3. Calibration

All BFB tune criteria have been met for this analysis.

The initial calibration (N081125A_CC185154_Cryo) 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.

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW305-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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: Power Engineers, Inc.

Job No.: 2025FW305-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250813	C36946	0.581		1.09			ND	0.507	J		ND
PPSP-5-S-20250813	C36907	0.547		1.13			ND	0.552	J		ND
PPSP-4-S-20250813	B20666	0.535		1.07			ND	0.578	J		ND
PPSP-3-S-20250813	C37507	0.448	J	1.21			ND	0.555	J		ND
PPSP-2-S-20250813	B14117	0.821		1.04			ND	0.467	J		ND
PPSP-1-S-20250813	B52703	0.670		0.967			ND	0.510	J		ND
PPSP-1-B-20250813	C00813		ND		ND		ND		ND		ND
PPSP-13-S-20250813	C43719	0.608		0.924			ND	0.433	J		ND
PPSP-12-S-20250813	C01379	0.793		1.30			ND	0.864		0.337	J
PPSP-11-S-20250813	B46845	2.06		2.94		0.558	J	2.35		0.918	
PPSP-10-S-20250813	C01753	1.33		1.99		0.323	J	0.862		0.377	J
PPSP-9-S-20250813	C53601	1.04		1.54			ND	0.716			ND
PPSP-8-S-20250813	B10489	0.841		1.14			ND	0.492	J		ND
PPSP-8-D-20250813	B52669	0.628		1.09			ND	0.553	J		ND
PPSP-7-S-20250813	B19767	0.521		1.14			ND	0.696			ND

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: Power Engineers, Inc.

Job No.: 2025FW305-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250813	C36946	0.581	0.182	7.78	67.4	0.664	20177	0.187	0.449	0.0584	0.141		N2505234.D	2025-09-03 21:05	1.153	15.791	80030	820827	92.1	15.736	-5.4%
PPSP-5-S-20250813	C36907	0.547	0.171	7.32	67.4	0.664	20178	0.187	0.449	0.0584	0.141		N2505235.D	2025-09-03 21:45	1.153	15.791	75463	822599	92.1	15.736	-5.2%
PPSP-4-S-20250813	B20666	0.535	0.168	7.17	67.4	0.664	20179	0.187	0.449	0.0584	0.141		N2505236.D	2025-09-03 22:25	1.153	15.785	75361	838804	92.1	15.730	-3.3%
PPSP-3-S-20250813	C37507	0.448	0.140	6.00	67.4	0.664	20179	0.187	0.449	0.0584	0.141	J	N2505237.D	2025-09-03 23:05	1.153	15.791	63377	843675	92.1	15.730	-2.7%
PPSP-2-S-20250813	B14117	0.821	0.257	11.0	67.4	0.664	20179	0.187	0.449	0.0584	0.141		N2505238.D	2025-09-03 23:45	1.153	15.791	113938	826449	92.1	15.736	-4.7%
PPSP-1-S-20250813	B52703	0.670	0.210	8.97	67.4	0.664	20179	0.187	0.449	0.0584	0.141		N2505239.D	2025-09-04 00:24	1.153	15.785	93514	831741	92.1	15.730	-4.1%
PPSP-1-B-20250813	C00813				67.4	0.664	20179	0.187	0.449	0.0584	0.141	ND	N2505233.D	2025-09-03 20:25	1.153	15.785	11731	893311	92.1	15.730	3.0%
PPSP-13-S-20250813	C43719	0.608	0.191	8.15	67.4	0.664	20180	0.187	0.449	0.0584	0.141		N2505240.D	2025-09-04 01:04	1.153	15.785	84995	832429	92.1	15.730	-4.0%
PPSP-12-S-20250813	C01379	0.793	0.248	10.6	67.4	0.664	20180	0.187	0.449	0.0584	0.141		N2505241.D	2025-09-04 01:44	1.153	15.785	112237	842819	92.1	15.730	-2.8%
PPSP-11-S-20250813	B46845	2.06	0.645	27.6	67.4	0.664	20177	0.187	0.449	0.0584	0.141		N2505242.D	2025-09-04 02:24	1.153	15.791	291122	841898	92.1	15.730	-2.9%
PPSP-10-S-20250813	C01753	1.33	0.418	17.9	67.4	0.664	20177	0.187	0.449	0.0584	0.141		N2505244.D	2025-09-04 03:44	1.153	15.785	200058	893170	92.1	15.730	3.0%
PPSP-9-S-20250813	C53601	1.04	0.325	13.9	67.4	0.664	20178	0.187	0.449	0.0584	0.141		N2505245.D	2025-09-04 04:24	1.153	15.785	157909	907209	92.1	15.730	4.6%
PPSP-8-S-20250813	B10489	0.841	0.263	11.3	67.4	0.664	20176	0.187	0.449	0.0585	0.141		N2505246.D	2025-09-04 05:04	1.153	15.791	129848	920253	92.1	15.730	6.1%
PPSP-8-D-20250813	B52669	0.628	0.197	8.41	67.4	0.664	20176	0.187	0.449	0.0585	0.141		N2505247.D	2025-09-04 05:44	1.153	15.791	98126	930803	92.1	15.730	7.3%
PPSP-7-S-20250813	B19767	0.521	0.163	6.97	67.4	0.664	20177	0.187	0.449	0.0584	0.141		N2505248.D	2025-09-04 06:24	1.153	15.791	81361	931268	92.1	15.730	7.4%

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
PPSP-6-S-20250813	C36946	1.09	0.290	11.4	67.4	0.515	20177	0.240	0.508	0.0638	0.135		N2505234.D	2025-09-03 21:05	0.973	18.385	119807	1176272	108.6	18.293	-7.0%
PPSP-5-S-20250813	C36907	1.13	0.300	11.7	67.4	0.515	20178	0.240	0.508	0.0638	0.135		N2505235.D	2025-09-03 21:45	0.973	18.385	126335	1202361	108.6	18.299	-5.0%
PPSP-4-S-20250813	B20666	1.07	0.283	11.1	67.4	0.515	20179	0.240	0.508	0.0638	0.135		N2505236.D	2025-09-03 22:25	0.973	18.379	120311	1210108	108.6	18.293	-4.3%
PPSP-3-S-20250813	C37507	1.21	0.320	12.5	67.4	0.515	20179	0.240	0.508	0.0638	0.135		N2505237.D	2025-09-03 23:05	0.973	18.385	136766	1218018	108.6	18.293	-3.7%
PPSP-2-S-20250813	B14117	1.04	0.277	10.8	67.4	0.515	20179	0.240	0.508	0.0638	0.135		N2505238.D	2025-09-03 23:45	0.973	18.385	115097	1186143	108.6	18.293	-6.2%
PPSP-1-S-20250813	B52703	0.967	0.257	10.1	67.4	0.515	20179	0.240	0.508	0.0638	0.135		N2505239.D	2025-09-04 00:24	0.973	18.379	106874	1186470	108.6	18.293	-6.2%
PPSP-1-B-20250813	C00813				67.4	0.515	20179	0.240	0.508	0.0638	0.135	ND	N2505233.D	2025-09-03 20:25	0.973	18.379	15111	1286990	108.6	18.293	1.7%
PPSP-13-S-20250813	C43719	0.924	0.245	9.61	67.4	0.515	20180	0.240	0.508	0.0638	0.135		N2505240.D	2025-09-04 01:04	0.973	18.379	102826	1194786	108.6	18.293	-5.6%
PPSP-12-S-20250813	C01379	1.30	0.345	13.5	67.4	0.515	20180	0.240	0.508	0.0638	0.135		N2505241.D	2025-09-04 01:44	0.973	18.385	146542	1209827	108.6	18.293	-4.4%
PPSP-11-S-20250813	B46845	2.94	0.781	30.6	67.4	0.515	20177	0.240	0.508	0.0638	0.135		N2505242.D	2025-09-04 02:24	0.973	18.385	331933	1211219	108.6	18.299	-4.3%
PPSP-10-S-20250813	C01753	1.99	0.528	20.7	67.4	0.515	20177	0.240	0.508	0.0638	0.135		N2505244.D	2025-09-04 03:44	0.973	18.385	234287	1265660	108.6	18.293	0.0%
PPSP-9-S-20250813	C53601	1.54	0.408	16.0	67.4	0.515	20178	0.240	0.508	0.0638	0.135		N2505245.D	2025-09-04 04:24	0.973	18.385	183378	1282452	108.6	18.293	1.4%
PPSP-8-S-20250813	B10489	1.14	0.302	11.8	67.4	0.515	20176	0.240	0.508	0.0638	0.135		N2505246.D	2025-09-04 05:04	0.973	18.385	136264	1287356	108.6	18.293	1.8%
PPSP-8-D-20250813	B52669	1.09	0.290	11.3	67.4	0.515	20176	0.240	0.508	0.0638	0.135		N2505247.D	2025-09-04 05:44	0.973	18.385	132288	1301398	108.6	18.293	2.9%
PPSP-7-S-20250813	B19767	1.14	0.302	11.8	67.4	0.515	20177	0.240	0.508	0.0638	0.135		N2505248.D	2025-09-04 06:24	0.973	18.385	141155	1333946	108.6	18.293	5.4%

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
PPSP-6-S-20250813	C36946				67.4	0.456	20177	0.272	0.597	0.0626	0.138	ND	N2505234.D	2025-09-03 21:05	0.975	20.434	21341	1176272	108.6	18.293	-7.0%
PPSP-5-S-20250813	C36907				67.4	0.456	20178	0.272	0.597	0.0626	0.138	ND	N2505235.D	2025-09-03 21:45	0.975	20.435	22244	1202361	108.6	18.299	-5.0%
PPSP-4-S-20250813	B20666				67.4	0.456	20179	0.272	0.597	0.0626	0.138	ND	N2505236.D	2025-09-03 22:25	0.975	20.435	19841	1210108	108.6	18.293	-4.3%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW305-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20250813	C37507				67.4	0.456	20179	0.272	0.597	0.0626	0.138	ND	N2505237.D	2025-09-03 23:05	0.975	20.434	20366	1218018	108.6	18.293	-3.7%
PPSP-2-S-20250813	B14117				67.4	0.456	20179	0.272	0.597	0.0626	0.138	ND	N2505238.D	2025-09-03 23:45	0.975	20.434	16048	1186143	108.6	18.293	-6.2%
PPSP-1-S-20250813	B52703				67.4	0.456	20179	0.272	0.597	0.0626	0.138	ND	N2505239.D	2025-09-04 00:24	0.975	20.435	17963	1186470	108.6	18.293	-6.2%
PPSP-1-B-20250813	C00813				67.4	0.456	20179	0.272	0.597	0.0626	0.138	ND	N2505233.D	2025-09-03 20:25	0.975	20.435	4432	1286990	108.6	18.293	1.7%
PPSP-13-S-20250813	C43719				67.4	0.456	20180	0.272	0.597	0.0626	0.138	ND	N2505240.D	2025-09-04 01:04	0.975	20.435	15023	1194786	108.6	18.293	-5.6%
PPSP-12-S-20250813	C01379				67.4	0.456	20180	0.272	0.597	0.0626	0.138	ND	N2505241.D	2025-09-04 01:44	0.975	20.434	25908	1209827	108.6	18.293	-4.4%
PPSP-11-S-20250813	B46845	0.558	0.129	5.13	67.4	0.456	20177	0.272	0.597	0.0626	0.138	J	N2505242.D	2025-09-04 02:24	0.975	20.434	55802	1211219	108.6	18.299	-4.3%
PPSP-10-S-20250813	C01753	0.323	0.0743	2.97	67.4	0.456	20177	0.272	0.597	0.0626	0.138	J	N2505244.D	2025-09-04 03:44	0.975	20.434	33720	1265660	108.6	18.293	0.0%
PPSP-9-S-20250813	C53601				67.4	0.456	20178	0.272	0.597	0.0626	0.138	ND	N2505245.D	2025-09-04 04:24	0.975	20.435	24117	1282452	108.6	18.293	1.4%
PPSP-8-S-20250813	B10489				67.4	0.456	20176	0.272	0.597	0.0626	0.138	ND	N2505246.D	2025-09-04 05:04	0.975	20.435	20595	1287356	108.6	18.293	1.8%
PPSP-8-D-20250813	B52669				67.4	0.456	20176	0.272	0.597	0.0626	0.138	ND	N2505247.D	2025-09-04 05:44	0.975	20.434	21938	1301398	108.6	18.293	2.9%
PPSP-7-S-20250813	B19767				67.4	0.456	20177	0.272	0.597	0.0626	0.138	ND	N2505248.D	2025-09-04 06:24	0.975	20.434	25875	1333946	108.6	18.293	5.4%

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
PPSP-6-S-20250813	C36946	0.507	0.117	4.66	67.4	0.456	20177	0.272	0.669	0.0626	0.154	J	N2505234.D	2025-09-03 21:05	0.684	20.600	34502	1176272	108.6	18.293	-7.0%
PPSP-5-S-20250813	C36907	0.552	0.127	5.08	67.4	0.456	20178	0.272	0.669	0.0626	0.154	J	N2505235.D	2025-09-03 21:45	0.684	20.600	38428	1202361	108.6	18.299	-5.0%
PPSP-4-S-20250813	B20666	0.578	0.133	5.32	67.4	0.456	20179	0.272	0.669	0.0626	0.154	J	N2505236.D	2025-09-03 22:25	0.684	20.600	40499	1210108	108.6	18.293	-4.3%
PPSP-3-S-20250813	C37507	0.555	0.128	5.10	67.4	0.456	20179	0.272	0.669	0.0626	0.154	J	N2505237.D	2025-09-03 23:05	0.684	20.600	39107	1218018	108.6	18.293	-3.7%
PPSP-2-S-20250813	B14117	0.467	0.108	4.30	67.4	0.456	20179	0.272	0.669	0.0626	0.154	J	N2505238.D	2025-09-03 23:45	0.684	20.600	32093	1186143	108.6	18.293	-6.2%
PPSP-1-S-20250813	B52703	0.510	0.118	4.69	67.4	0.456	20179	0.272	0.669	0.0626	0.154	J	N2505239.D	2025-09-04 00:24	0.684	20.600	35039	1186470	108.6	18.293	-6.2%
PPSP-1-B-20250813	C00813				67.4	0.456	20179	0.272	0.669	0.0626	0.154	ND	N2505233.D	2025-09-03 20:25	0.684	20.606	3057	1286990	108.6	18.293	1.7%
PPSP-13-S-20250813	C43719	0.433	0.0998	3.98	67.4	0.456	20180	0.272	0.669	0.0626	0.154	J	N2505240.D	2025-09-04 01:04	0.684	20.600	29956	1194786	108.6	18.293	-5.6%
PPSP-12-S-20250813	C01379	0.864	0.199	7.94	67.4	0.456	20180	0.272	0.669	0.0626	0.154		N2505241.D	2025-09-04 01:44	0.684	20.600	60492	1209827	108.6	18.293	-4.4%
PPSP-11-S-20250813	B46845	2.35	0.540	21.6	67.4	0.456	20177	0.272	0.669	0.0626	0.154		N2505242.D	2025-09-04 02:24	0.684	20.599	164431	1211219	108.6	18.299	-4.3%
PPSP-10-S-20250813	C01753	0.862	0.199	7.93	67.4	0.456	20177	0.272	0.669	0.0626	0.154		N2505244.D	2025-09-04 03:44	0.684	20.599	63138	1265660	108.6	18.293	0.0%
PPSP-9-S-20250813	C53601	0.716	0.165	6.59	67.4	0.456	20178	0.272	0.669	0.0626	0.154		N2505245.D	2025-09-04 04:24	0.684	20.600	53182	1282452	108.6	18.293	1.4%
PPSP-8-S-20250813	B10489	0.492	0.113	4.52	67.4	0.456	20176	0.272	0.669	0.0626	0.154	J	N2505246.D	2025-09-04 05:04	0.684	20.600	36648	1287356	108.6	18.293	1.8%
PPSP-8-D-20250813	B52669	0.553	0.127	5.08	67.4	0.456	20176	0.272	0.669	0.0626	0.154	J	N2505247.D	2025-09-04 05:44	0.684	20.600	41632	1301398	108.6	18.293	2.9%
PPSP-7-S-20250813	B19767	0.696	0.160	6.40	67.4	0.456	20177	0.272	0.669	0.0626	0.154		N2505248.D	2025-09-04 06:24	0.684	20.600	53709	1333946	108.6	18.293	5.4%

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
PPSP-6-S-20250813	C36946				67.4	0.456	20177	0.272	0.622	0.0626	0.143	ND	N2505234.D	2025-09-03 21:05	0.685	21.083	13355	1176272	108.6	18.293	-7.0%
PPSP-5-S-20250813	C36907				67.4	0.456	20178	0.272	0.622	0.0626	0.143	ND	N2505235.D	2025-09-03 21:45	0.685	21.083	14716	1202361	108.6	18.299	-5.0%
PPSP-4-S-20250813	B20666				67.4	0.456	20179	0.272	0.622	0.0626	0.143	ND	N2505236.D	2025-09-03 22:25	0.685	21.083	16297	1210108	108.6	18.293	-4.3%
PPSP-3-S-20250813	C37507				67.4	0.456	20179	0.272	0.622	0.0626	0.143	ND	N2505237.D	2025-09-03 23:05	0.685	21.077	14970	1218018	108.6	18.293	-3.7%
PPSP-2-S-20250813	B14117				67.4	0.456	20179	0.272	0.622	0.0626	0.143	ND	N2505238.D	2025-09-03 23:45	0.685	21.083	12669	1186143	108.6	18.293	-6.2%
PPSP-1-S-20250813	B52703				67.4	0.456	20179	0.272	0.622	0.0626	0.143	ND	N2505239.D	2025-09-04 00:24	0.685	21.077	13043	1186470	108.6	18.293	-6.2%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW305-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20250813	C00813				67.4	0.456	20179	0.272	0.622	0.0626	0.143	ND	N2505233.D	2025-09-03 20:25	0.685	21.083	1762	1286990	108.6	18.293	1.7%
PPSP-13-S-20250813	C43719				67.4	0.456	20180	0.272	0.622	0.0626	0.143	ND	N2505240.D	2025-09-04 01:04	0.685	21.077	11522	1194786	108.6	18.293	-5.6%
PPSP-12-S-20250813	C01379	0.337	0.0776	3.10	67.4	0.456	20180	0.272	0.622	0.0626	0.143	J	N2505241.D	2025-09-04 01:44	0.685	21.083	23634	1209827	108.6	18.293	-4.4%
PPSP-11-S-20250813	B46845	0.918	0.211	8.44	67.4	0.456	20177	0.272	0.622	0.0626	0.143		N2505242.D	2025-09-04 02:24	0.685	21.083	64448	1211219	108.6	18.299	-4.3%
PPSP-10-S-20250813	C01753	0.377	0.0869	3.47	67.4	0.456	20177	0.272	0.622	0.0626	0.143	J	N2505244.D	2025-09-04 03:44	0.685	21.083	27672	1265660	108.6	18.293	0.0%
PPSP-9-S-20250813	C53601				67.4	0.456	20178	0.272	0.622	0.0626	0.143	ND	N2505245.D	2025-09-04 04:24	0.685	21.083	20193	1282452	108.6	18.293	1.4%
PPSP-8-S-20250813	B10489				67.4	0.456	20176	0.272	0.622	0.0626	0.143	ND	N2505246.D	2025-09-04 05:04	0.685	21.083	15292	1287356	108.6	18.293	1.8%
PPSP-8-D-20250813	B52669				67.4	0.456	20176	0.272	0.622	0.0626	0.143	ND	N2505247.D	2025-09-04 05:44	0.685	21.083	16189	1301398	108.6	18.293	2.9%
PPSP-7-S-20250813	B19767				67.4	0.456	20177	0.272	0.622	0.0626	0.143	ND	N2505248.D	2025-09-04 06:24	0.685	21.083	20708	1333946	108.6	18.293	5.4%

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

QC Data

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW305-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250813	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250813	29%	Pass	4.0%	Pass	ND	Pass	12%	Pass	ND	Pass

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW305-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	N2505231.D	C69760	Cal	1.153		1.153	-3.4%	-7.1%		Pass	
2025FW305 Method Blank-1	N2505232.D	C37467	Blank			1.153			4.2%	Pass	ND
M325B CCV 5	N2505243.D	C70759	Check	1.057		1.153	-11%		-4.5%	Pass	
M325B CCV 5	N2505249.D	C69659	Check	1.050		1.153	-12%		0.78%	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	N2505231.D	C69760	Cal	0.973		0.973	-12%	-13%		Pass	
2025FW305 Method Blank-1	N2505232.D	C37467	Blank			0.973			4.0%	Pass	ND
M325B CCV 5	N2505243.D	C70759	Check	0.919		0.973	-17%		-3.4%	Pass	
M325B CCV 5	N2505249.D	C69659	Check	0.928		0.973	-16%		-0.93%	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	N2505231.D	C69760	Cal	0.975		0.975	-13%	-13%		Pass	
2025FW305 Method Blank-1	N2505232.D	C37467	Blank			0.975			4.0%	Pass	ND
M325B CCV 5	N2505243.D	C70759	Check	0.944		0.975	-16%		-3.4%	Pass	
M325B CCV 5	N2505249.D	C69659	Check	0.894		0.975	-21%		-0.93%	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	N2505231.D	C69760	Cal	0.684		0.684	-0.63%	-14%		Pass	
2025FW305 Method Blank-1	N2505232.D	C37467	Blank			0.684			4.0%	Pass	ND
M325B CCV 5	N2505243.D	C70759	Check	0.659		0.684	-4.2%		-3.4%	Pass	
M325B CCV 5	N2505249.D	C69659	Check	0.613		0.684	-11%		-0.93%	Pass	

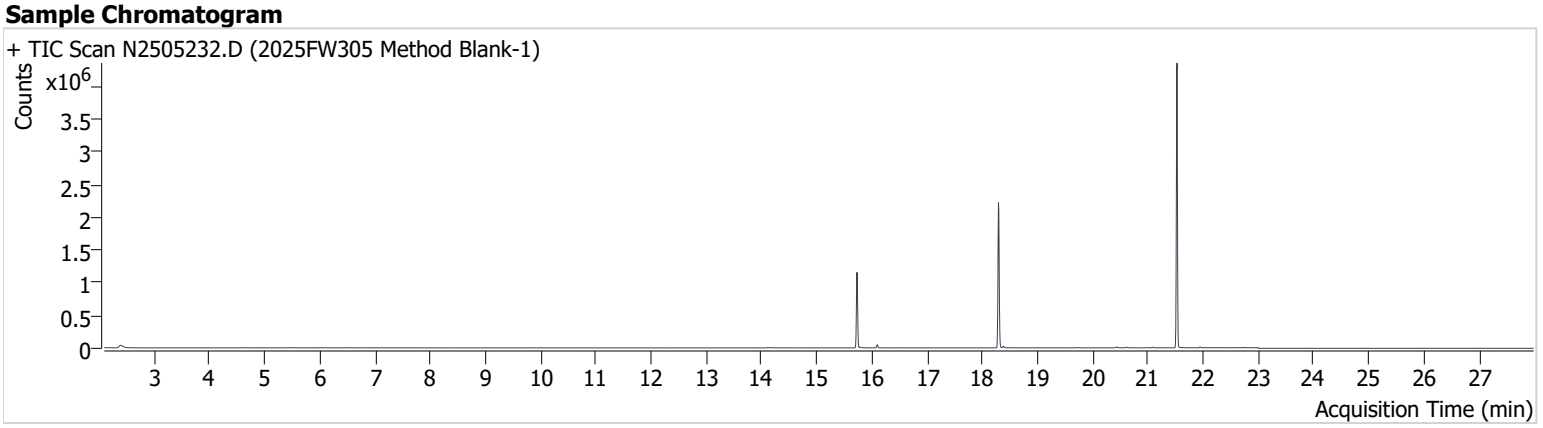
o-Xylene Calibration and Blanks

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	N2505231.D	C69760	Cal	0.685		0.685	-16%	-13%		Pass	
2025FW305 Method Blank-1	N2505232.D	C37467	Blank			0.685			4.0%	Pass	ND
M325B CCV 5	N2505243.D	C70759	Check	0.663		0.685	-18%		-3.4%	Pass	
M325B CCV 5	N2505249.D	C69659	Check	0.630		0.685	-22%		-0.93%	Pass	

Chromatograms

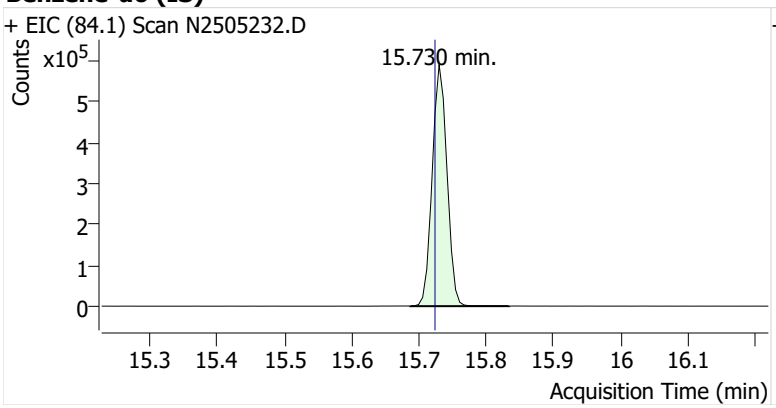
Name	2025FW305 Method Blank-1
Comment	C37467
Data File	N2505232.D
Acq. Date-Time	9/3/2025 7:45:34 PM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

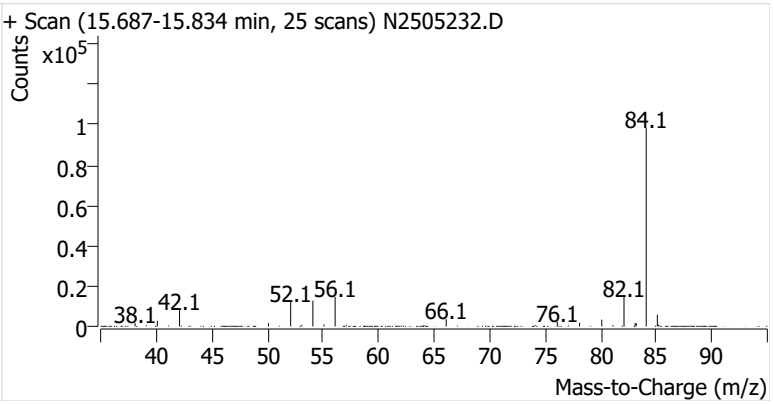
Sample Chromatogram



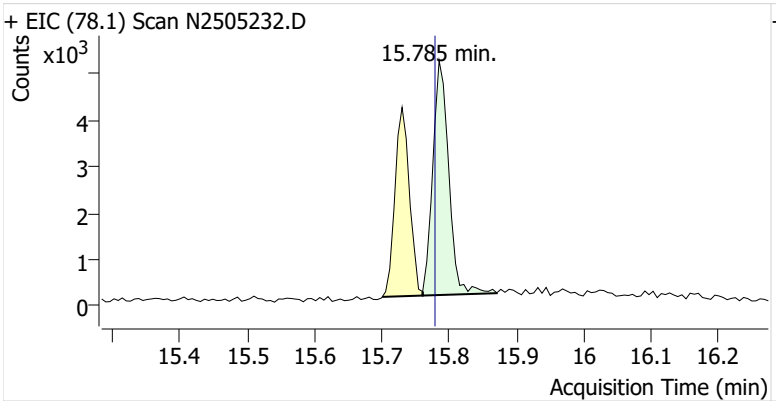
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	903,983	
Benzene	Benzene-d6 (IS)	15.785	15.779	8,311	
Toluene-d8 (IS)		18.293	18.287	1,315,790	
Toluene	Toluene-d8 (IS)	18.385	18.373	16,223	
Ethylbenzene	Toluene-d8 (IS)	20.434	20.422	9,046	
m-/p-Xylenes	Toluene-d8 (IS)	20.606	20.587	8,327	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	5,442	

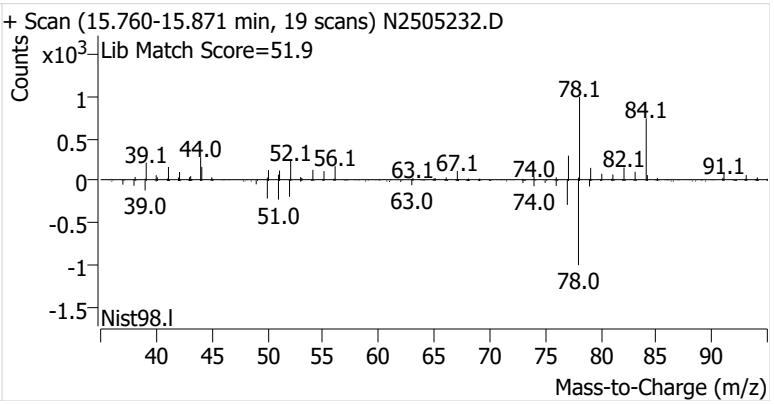
Benzene-d6 (IS)



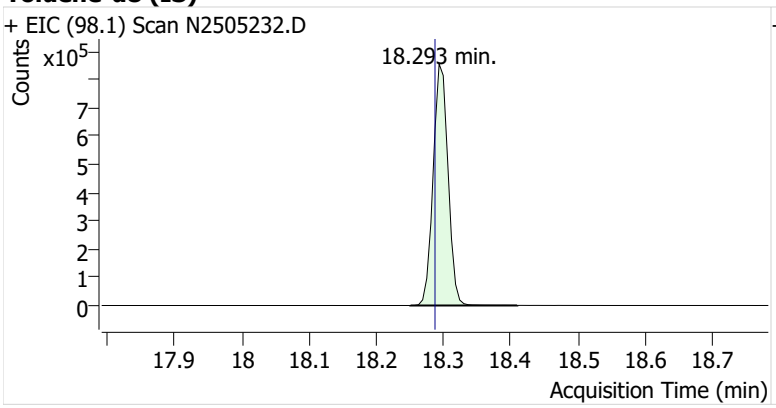


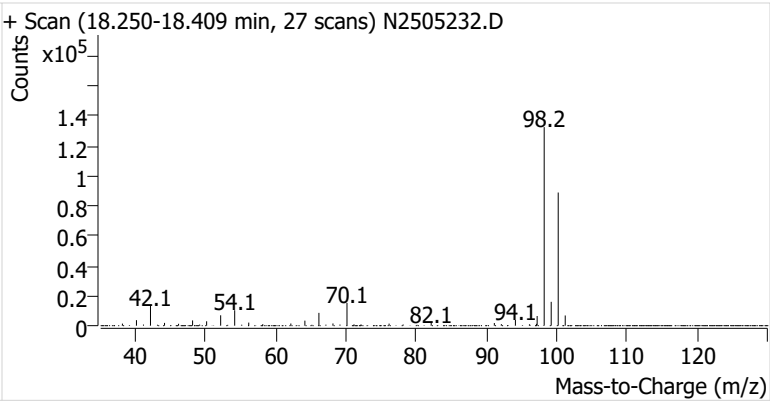
Benzene



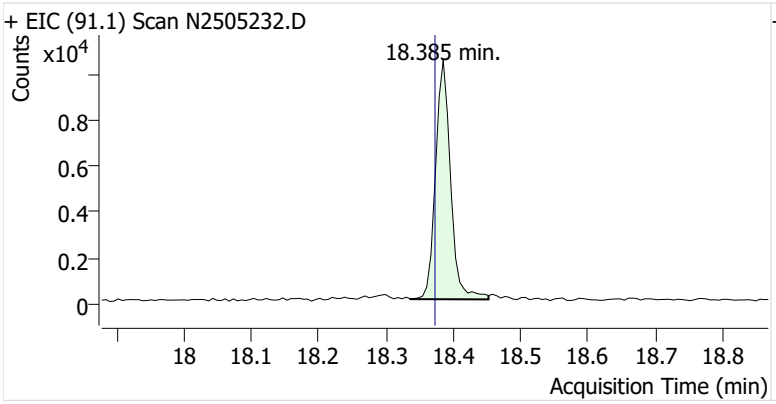


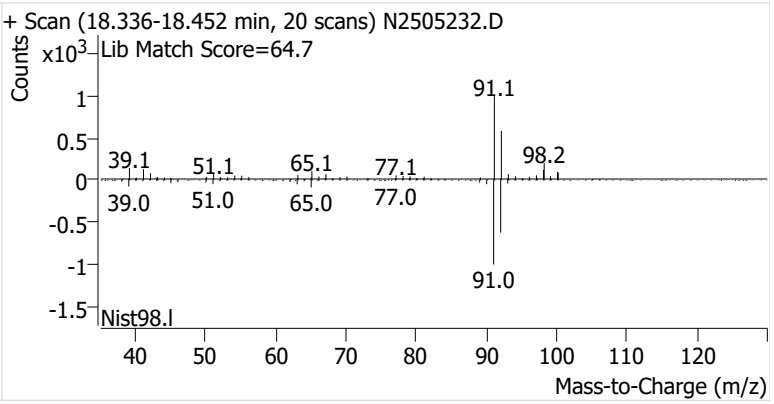
Toluene-d8 (IS)



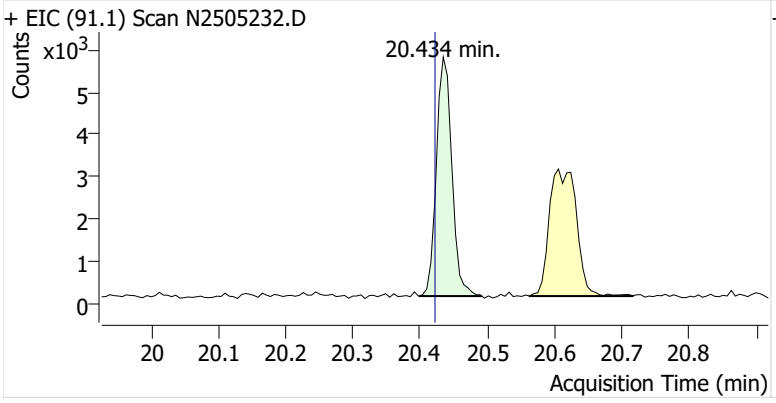


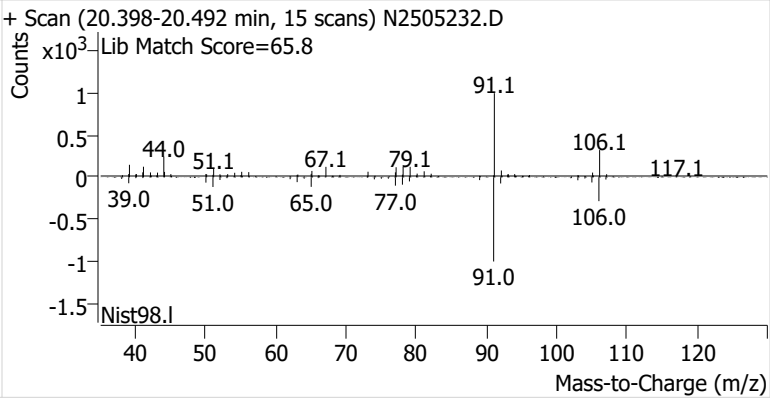
Toluene



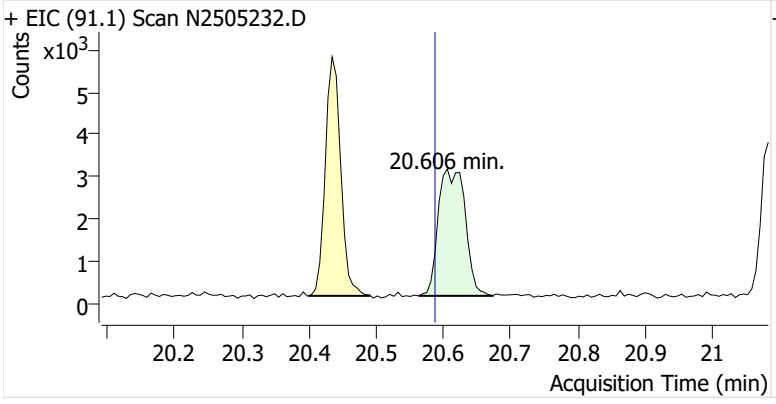


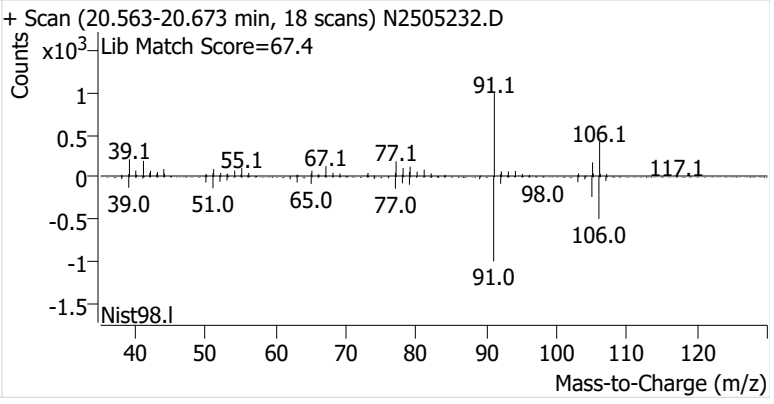
Ethylbenzene



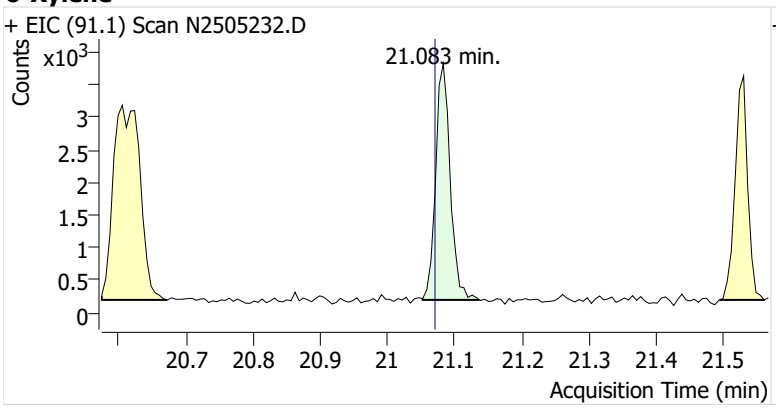


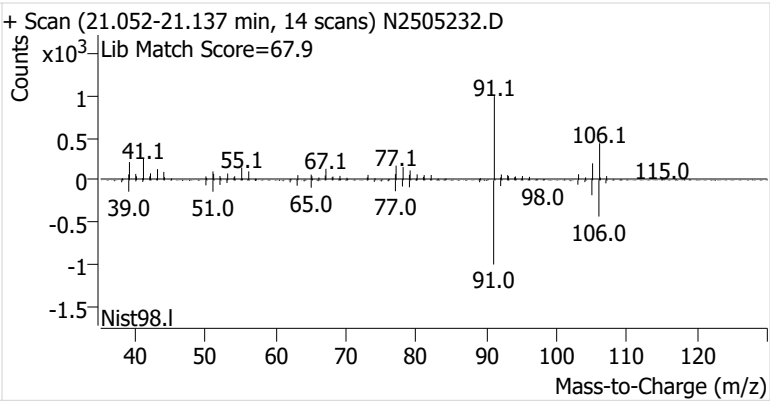
m-/p-Xylenes





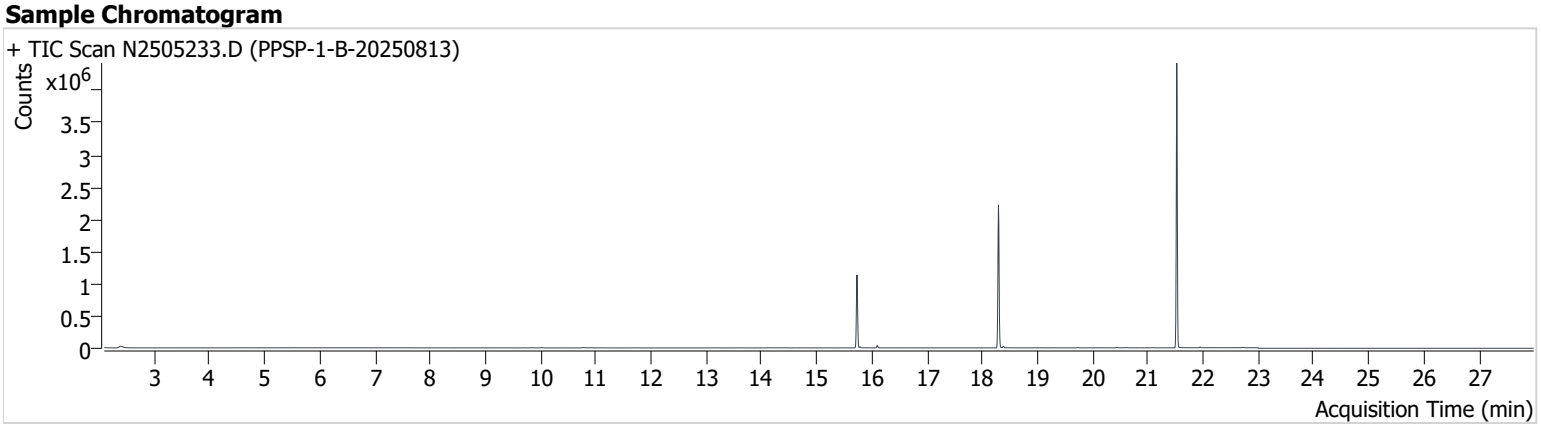
o-Xylene


+ EIC (91.1) Scan N2505232.D
Counts
x10^3
21.083 min.
3
2.5
2
1.5
1
0.5
0
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.052-21.137 min, 14 scans) N2505232.D
Counts
x10^3
Lib Match Score=67.9
91.1
106.1
41.1
55.1
67.1
77.1
115.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

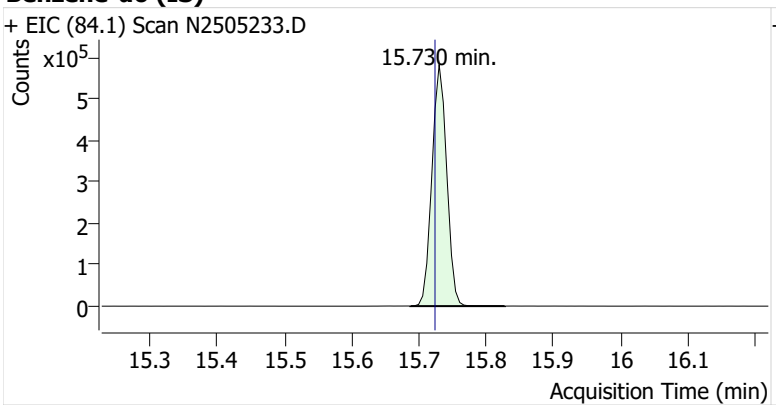
Name	PPSP-1-B-20250813
Comment	C00813
Data File	N2505233.D
Acq. Date-Time	9/3/2025 8:25:30 PM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

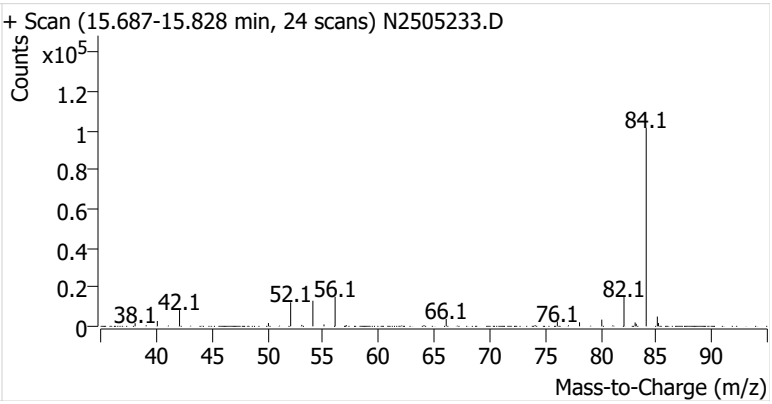
Sample Chromatogram



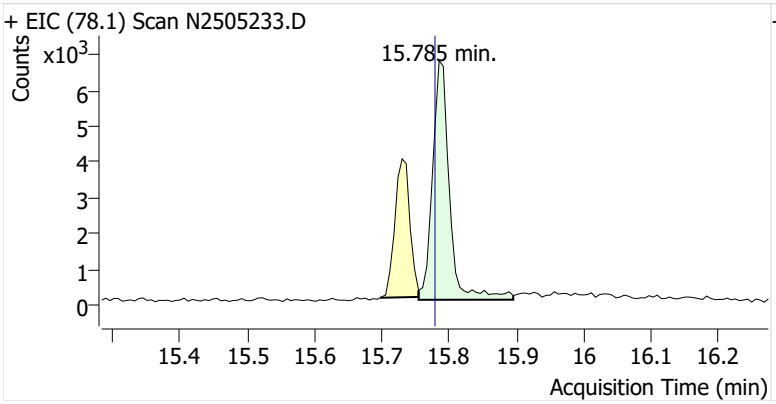
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	893,311	
Benzene	Benzene-d6 (IS)	15.785	15.779	11,731	
Toluene-d8 (IS)		18.293	18.287	1,286,990	
Toluene	Toluene-d8 (IS)	18.379	18.373	15,111	
Ethylbenzene	Toluene-d8 (IS)	20.435	20.422	4,432	
m-/p-Xylenes	Toluene-d8 (IS)	20.606	20.587	3,057	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	1,762	

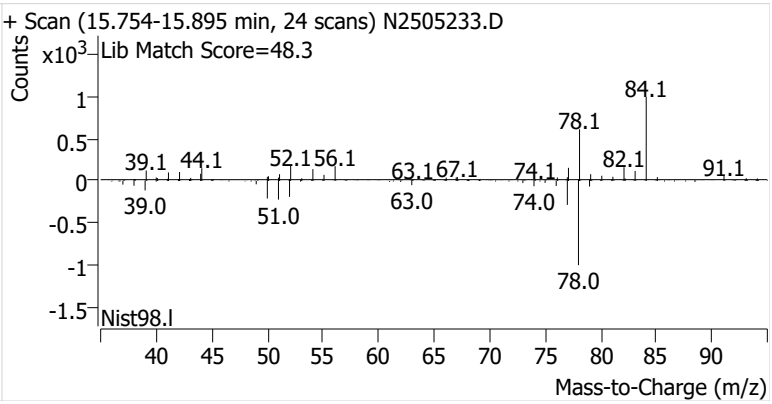
Benzene-d6 (IS)



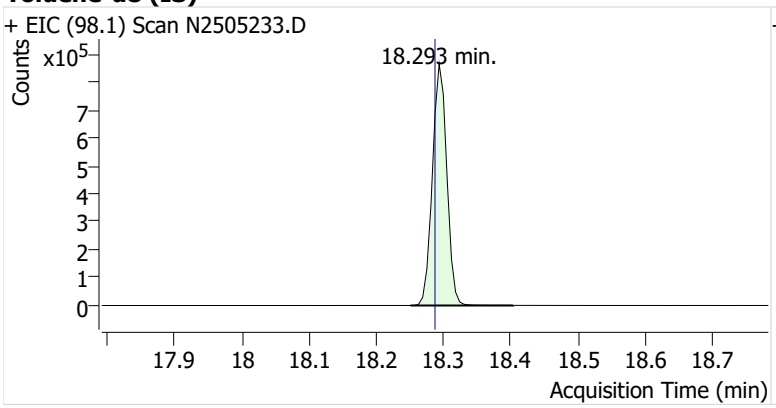


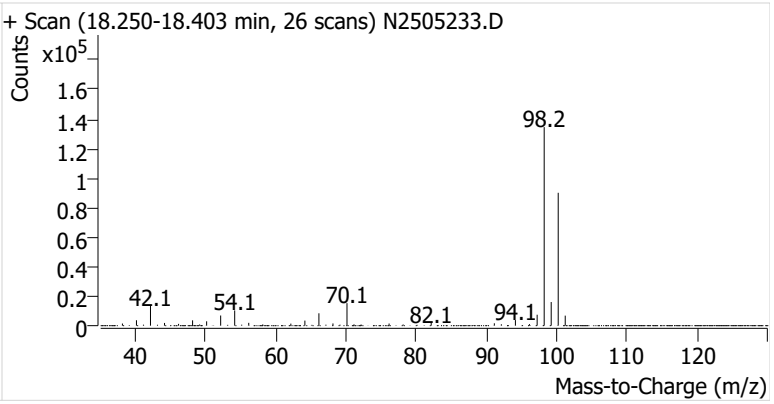
Benzene



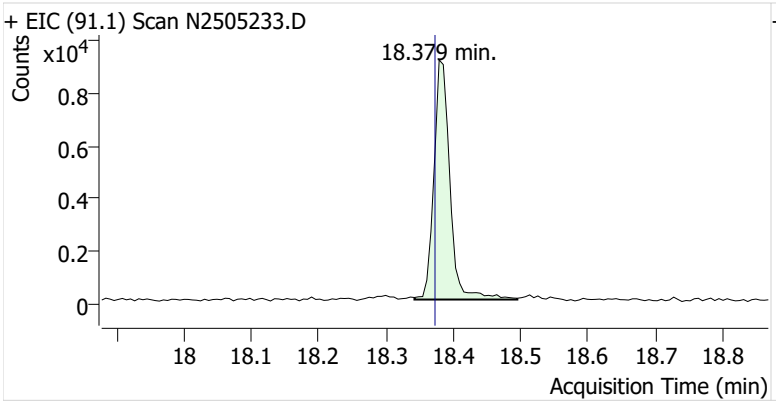


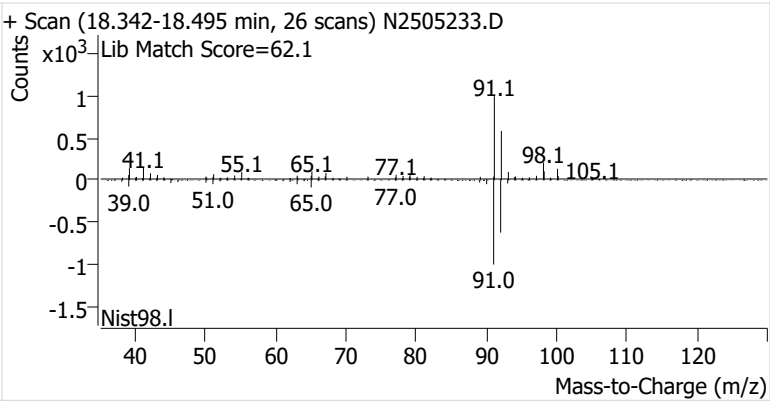
Toluene-d8 (IS)



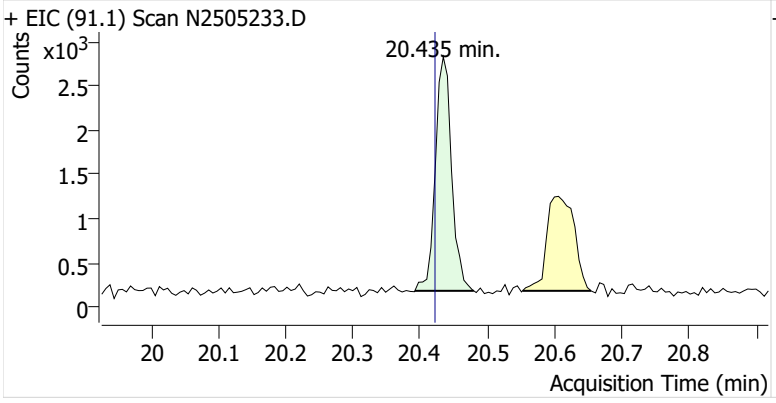


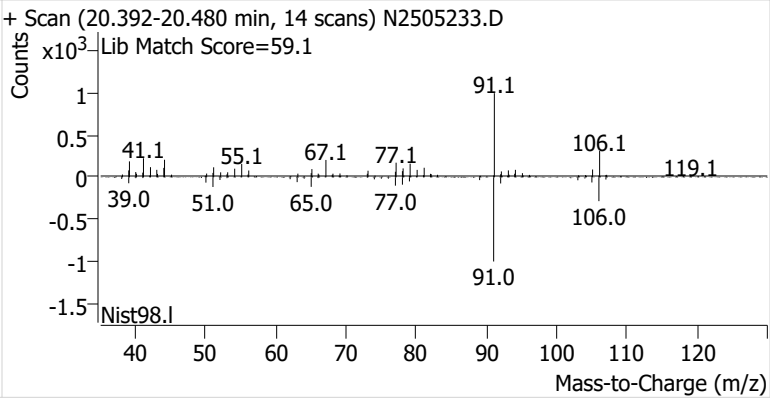
Toluene



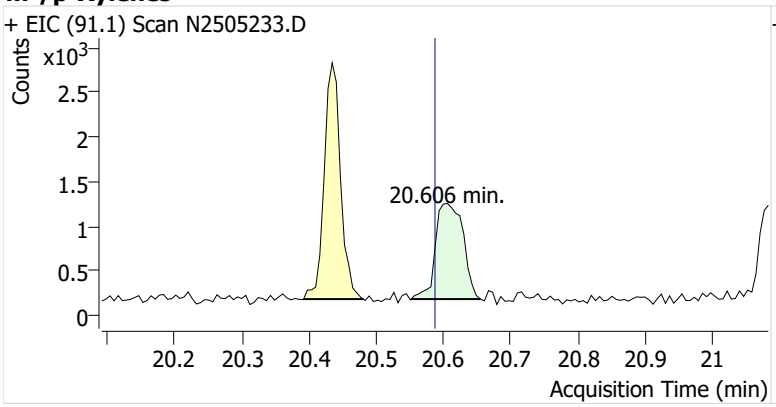


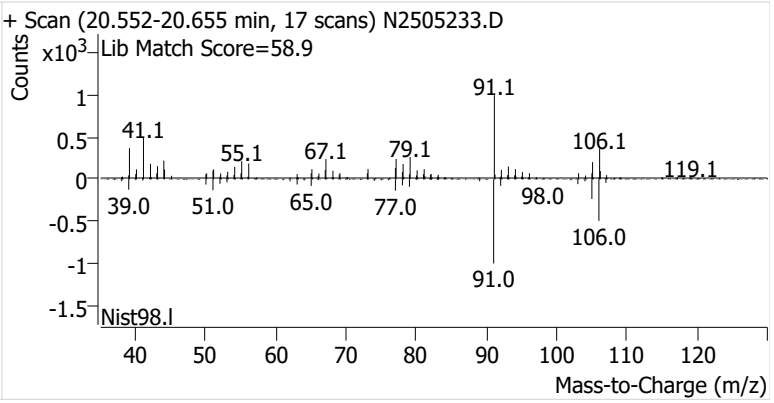
Ethylbenzene



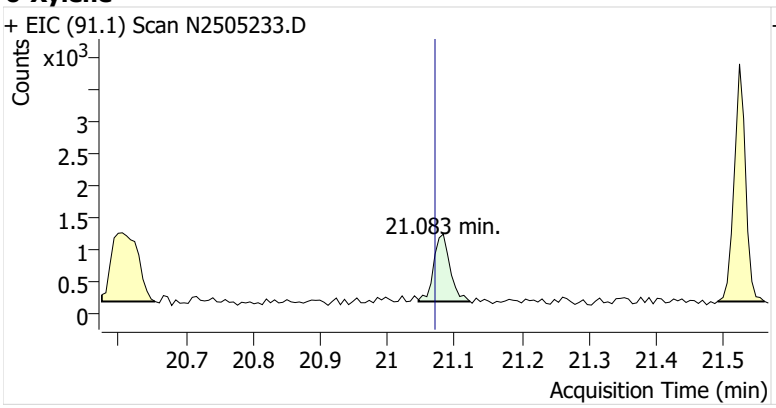


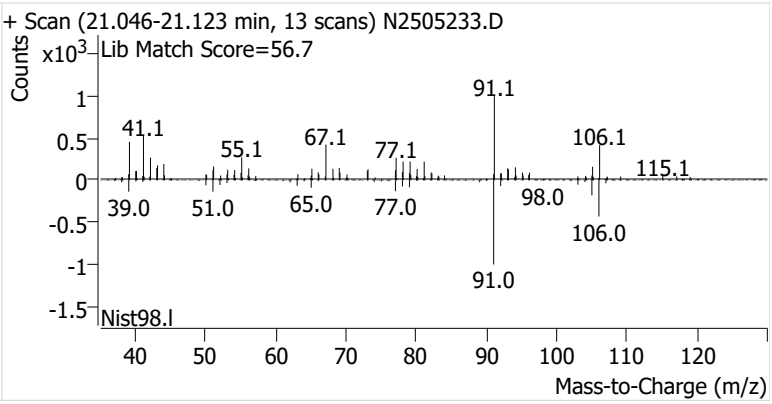
m-/p-Xylenes





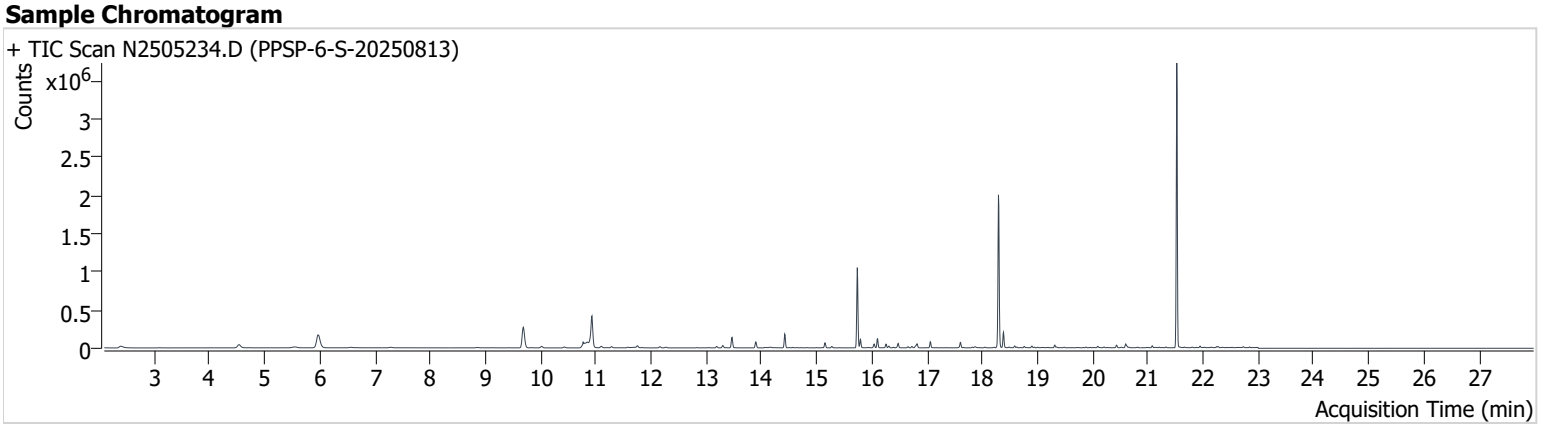
o-Xylene


+ EIC (91.1) Scan N2505233.D
Counts
x10^3
3
2.5
2
1.5
1
0.5
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.046-21.123 min, 13 scans) N2505233.D
Counts
x10^3
Lib Match Score=56.7
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.1
77.1
106.1
115.1
39.0
51.0
65.0
77.0
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106.0
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50
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70
80
90
100
110
120
Mass-to-Charge (m/z)

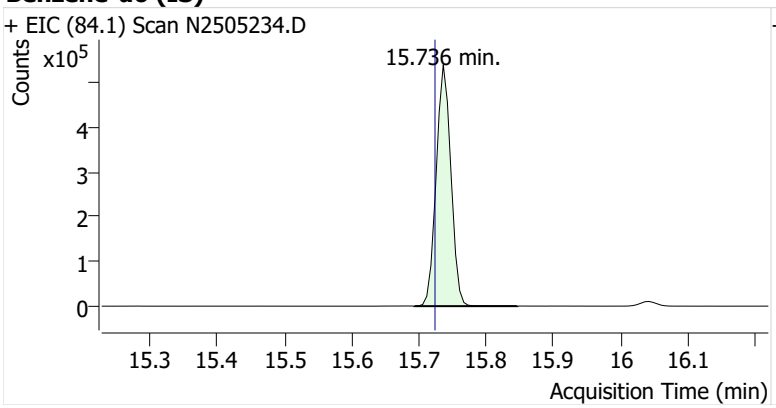
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Comment	C36946
Data File	N2505234.D
Acq. Date-Time	9/3/2025 9:05:24 PM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

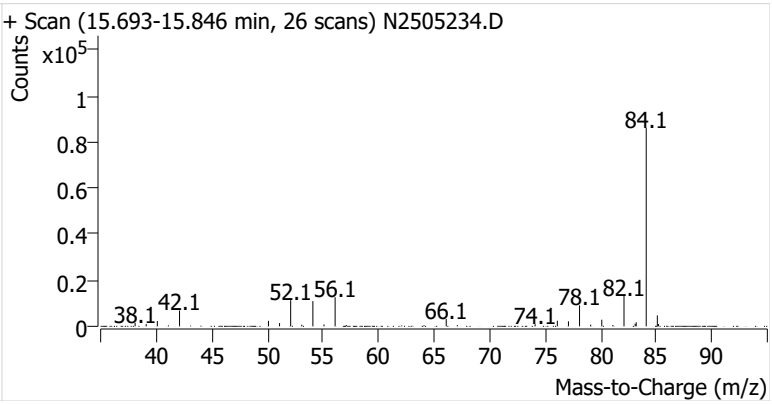
Sample Chromatogram



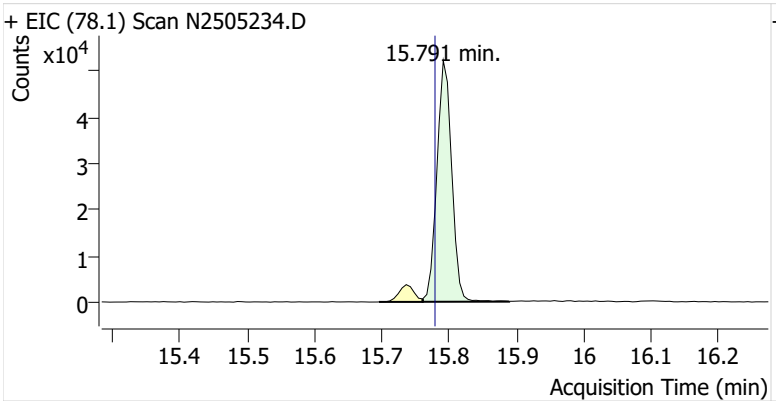
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.736	15.724	820,827	
Benzene	Benzene-d6 (IS)	15.791	15.779	80,030	
Toluene-d8 (IS)		18.293	18.287	1,176,272	
Toluene	Toluene-d8 (IS)	18.385	18.373	119,807	
Ethylbenzene	Toluene-d8 (IS)	20.434	20.422	21,341	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	34,502	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	13,355	

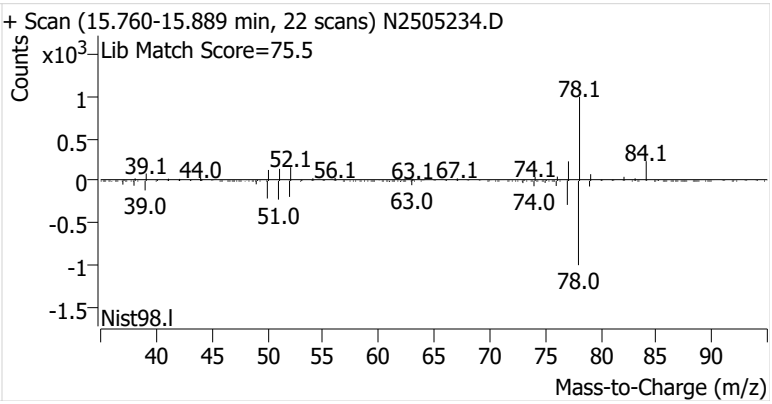
Benzene-d6 (IS)



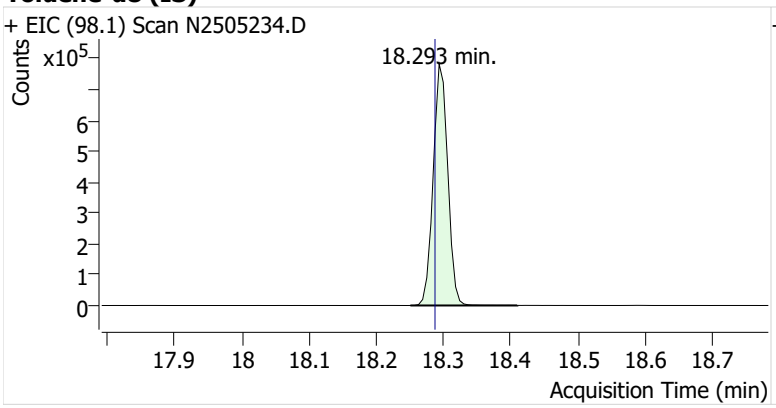


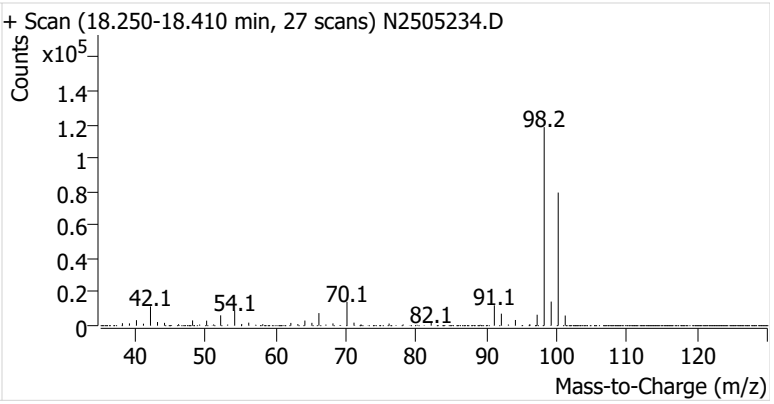
Benzene



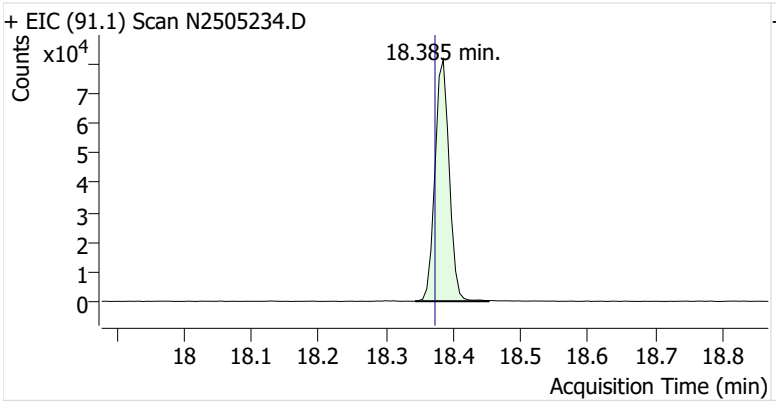


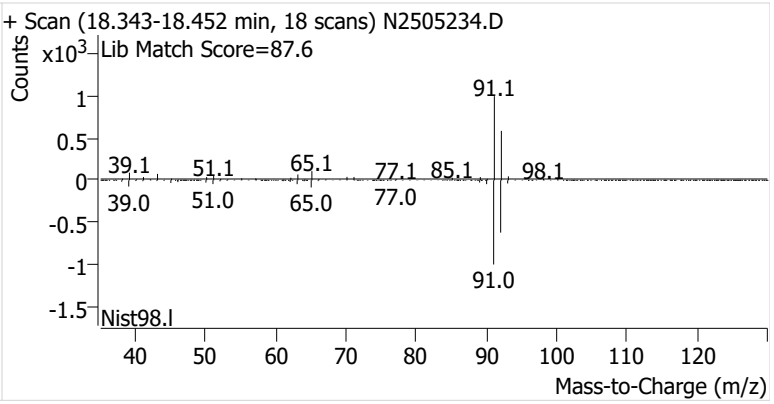
Toluene-d8 (IS)



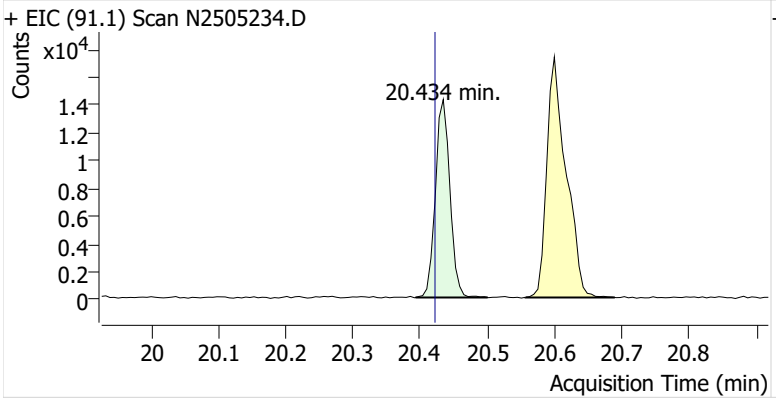


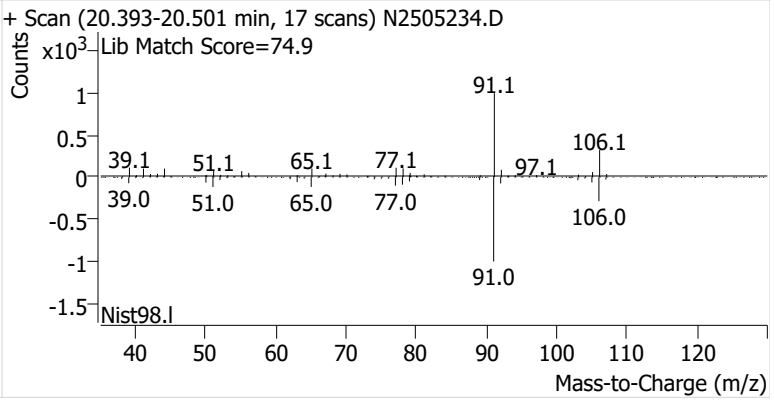
Toluene



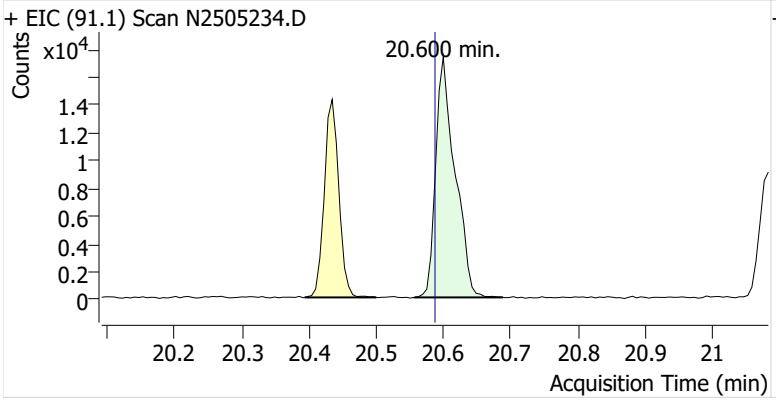


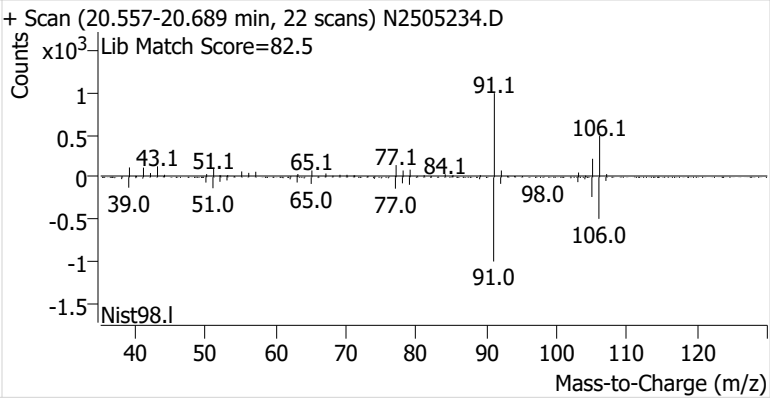
Ethylbenzene



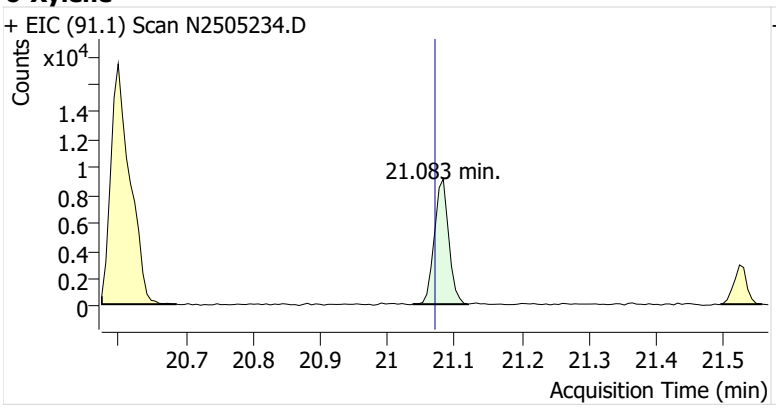


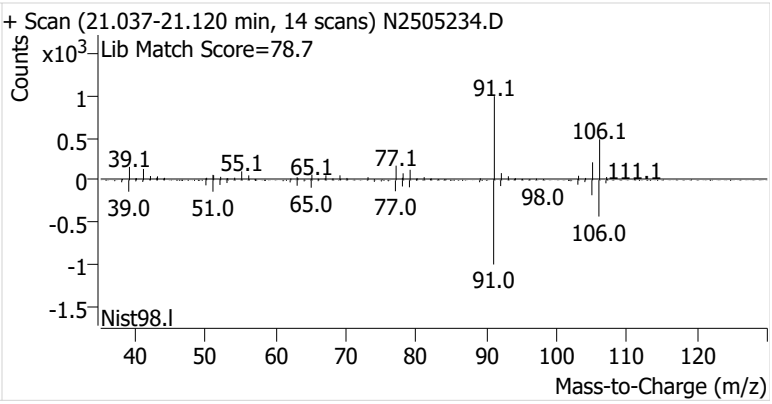
m-/p-Xylenes





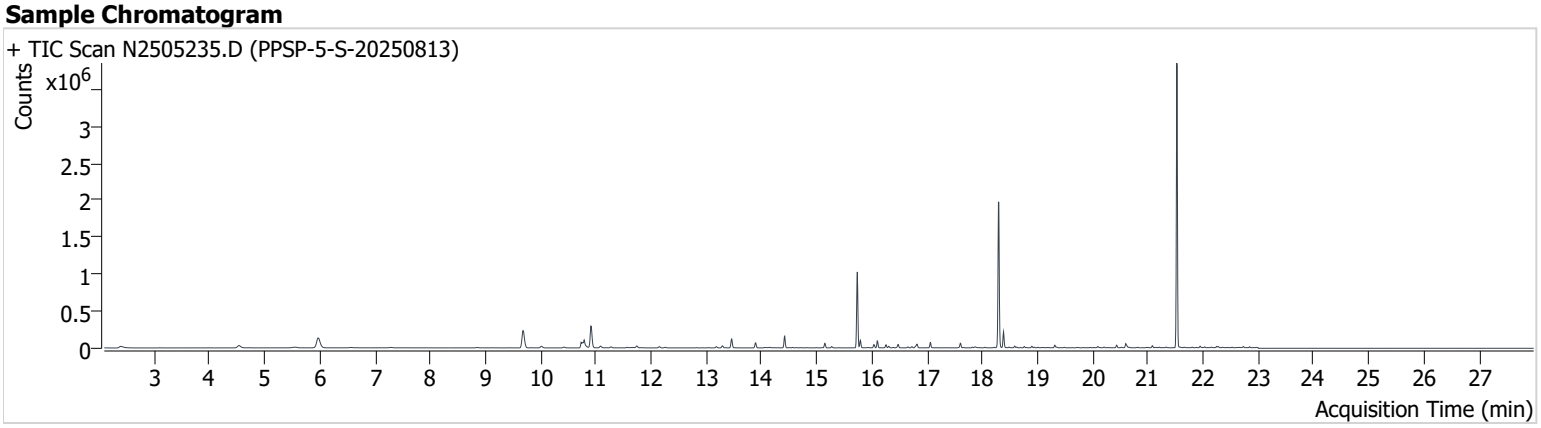
o-Xylene


+ EIC (91.1) Scan N2505234.D
Counts
x10^4
1.4
1.2
1
0.8
0.6
0.4
0.2
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.037-21.120 min, 14 scans) N2505234.D
Counts
x10^3
Lib Match Score=78.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

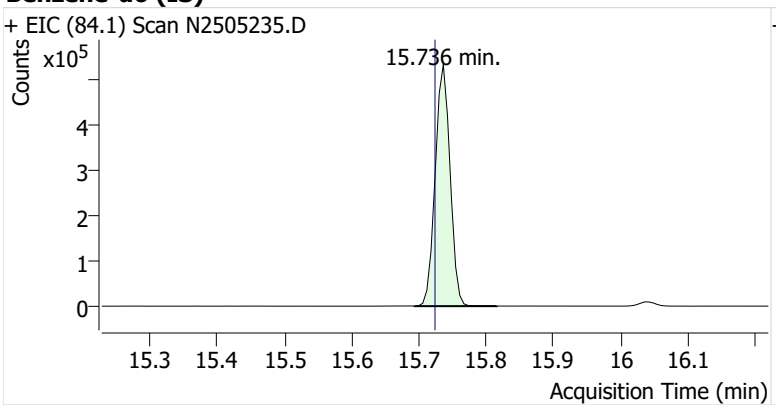
Name	PPSP-5-S-20250813
Comment	C36907
Data File	N2505235.D
Acq. Date-Time	9/3/2025 9:45:20 PM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

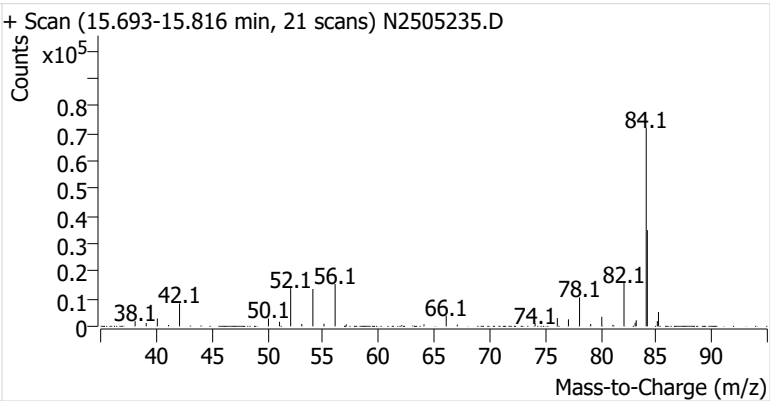
Sample Chromatogram



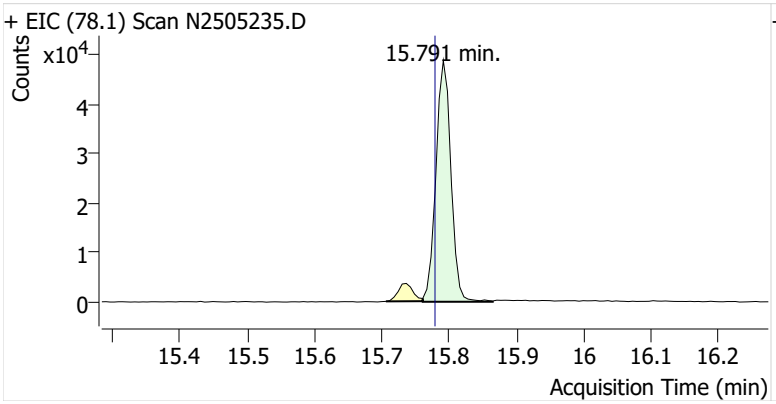
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.736	15.724	822,599	
Benzene	Benzene-d6 (IS)	15.791	15.779	75,463	
Toluene-d8 (IS)		18.299	18.287	1,202,361	
Toluene	Toluene-d8 (IS)	18.385	18.373	126,335	
Ethylbenzene	Toluene-d8 (IS)	20.435	20.422	22,244	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	38,428	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	14,716	

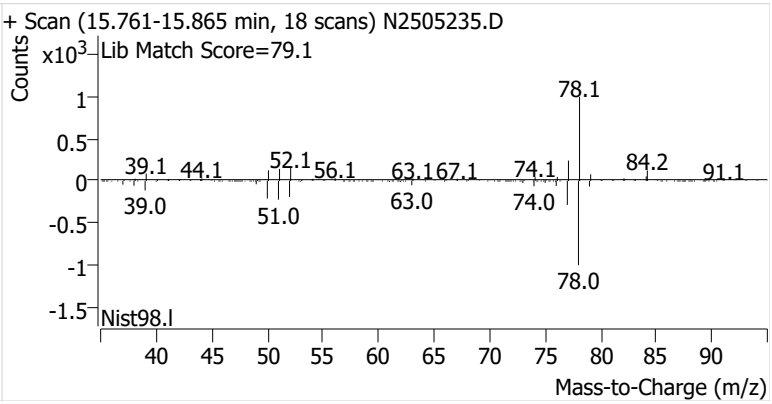
Benzene-d6 (IS)



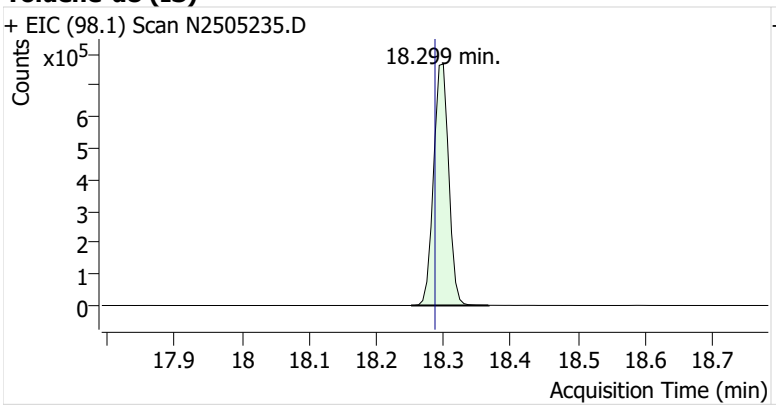


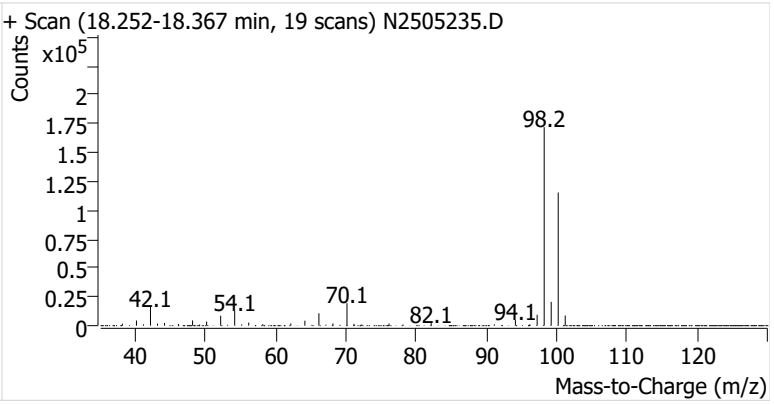
Benzene



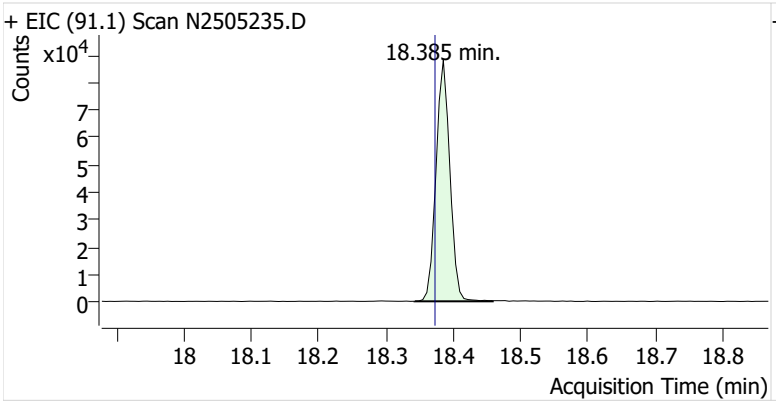


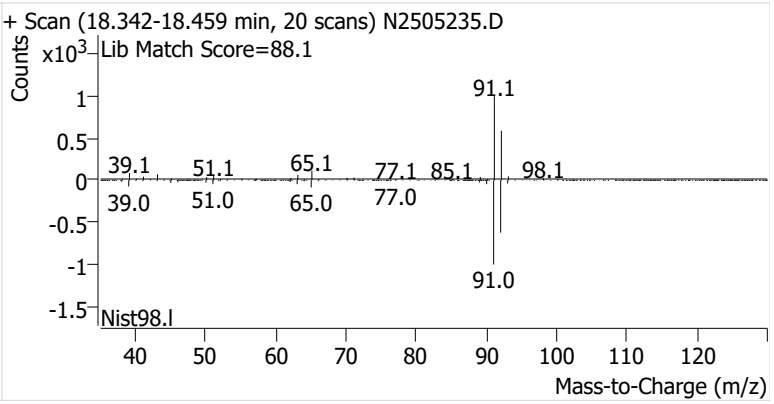
Toluene-d8 (IS)



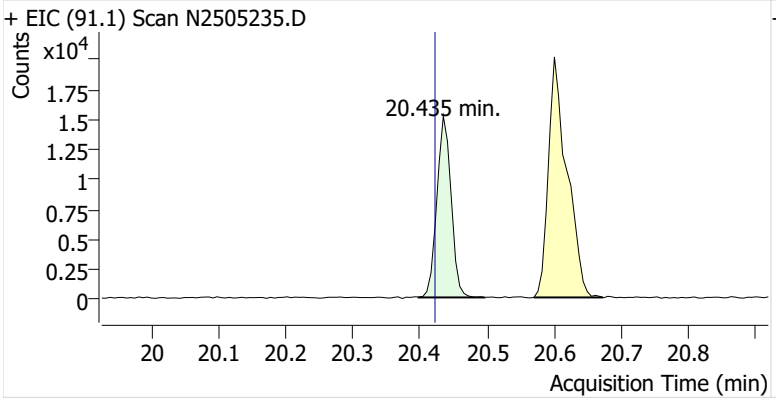


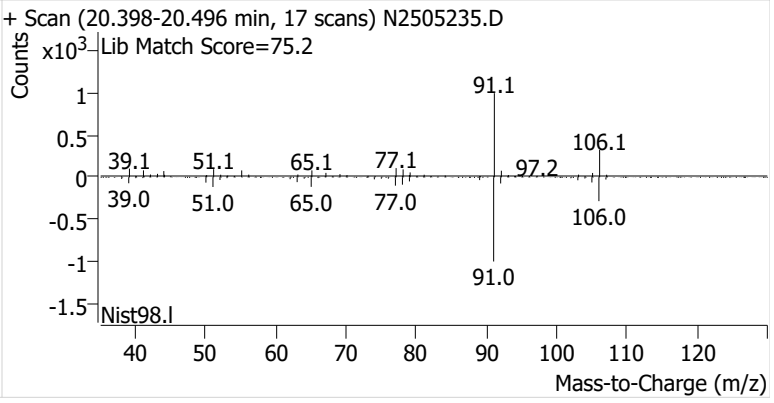
Toluene



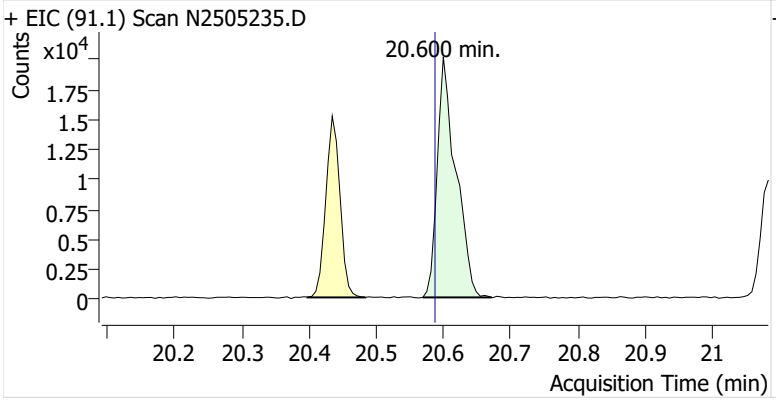


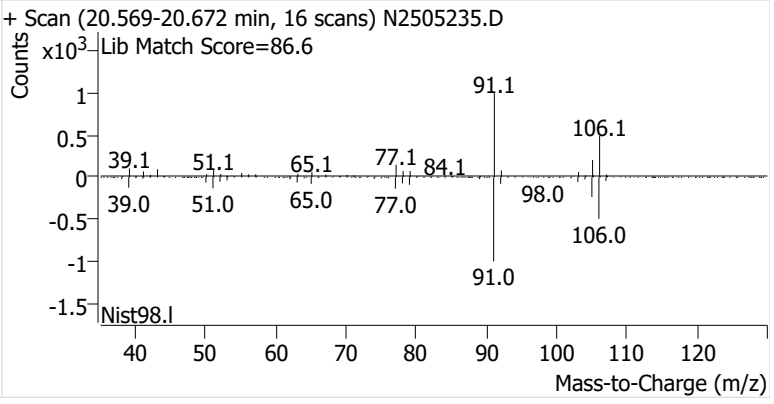
Ethylbenzene



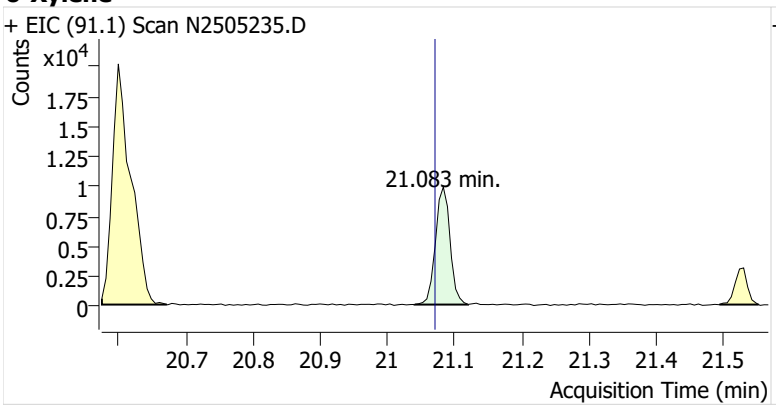


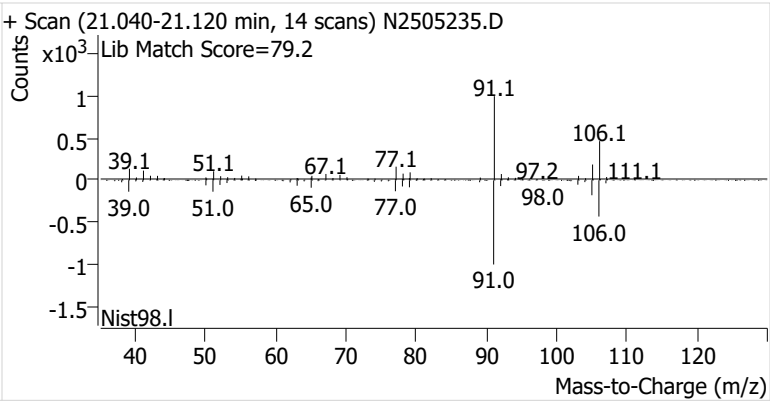
m-/p-Xylenes





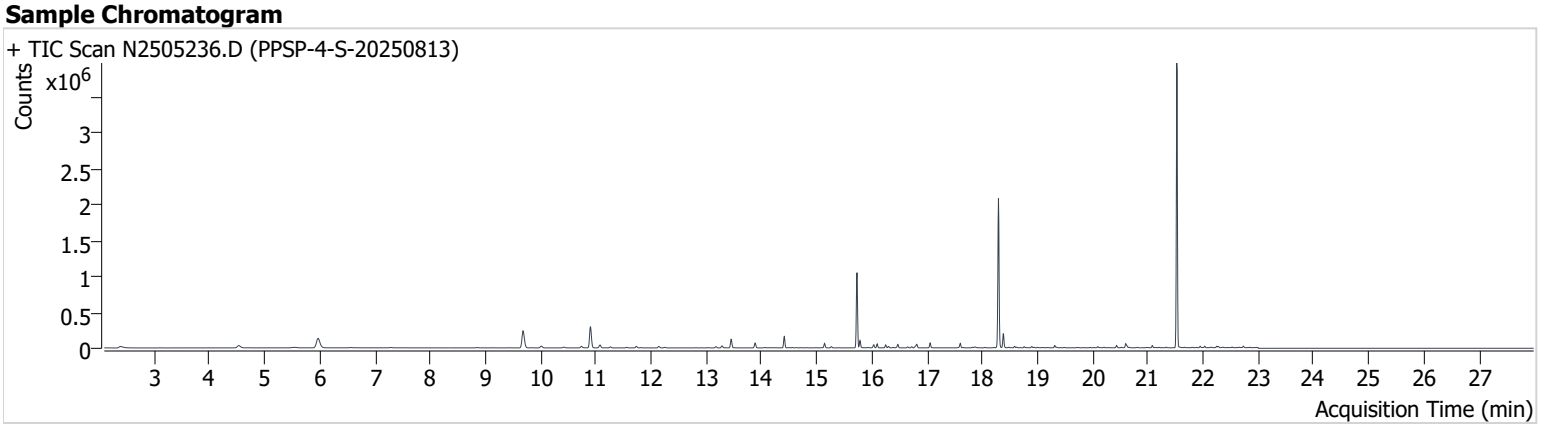
o-Xylene


+ EIC (91.1) Scan N2505235.D
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.040-21.120 min, 14 scans) N2505235.D
Counts
x10^3
Lib Match Score=79.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
67.1
77.1
97.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

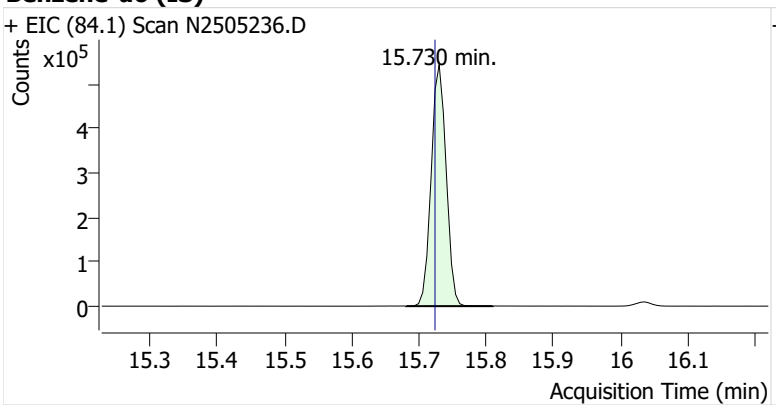
Name	PPSP-4-S-20250813
Comment	B20666
Data File	N2505236.D
Acq. Date-Time	9/3/2025 10:25:13 PM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

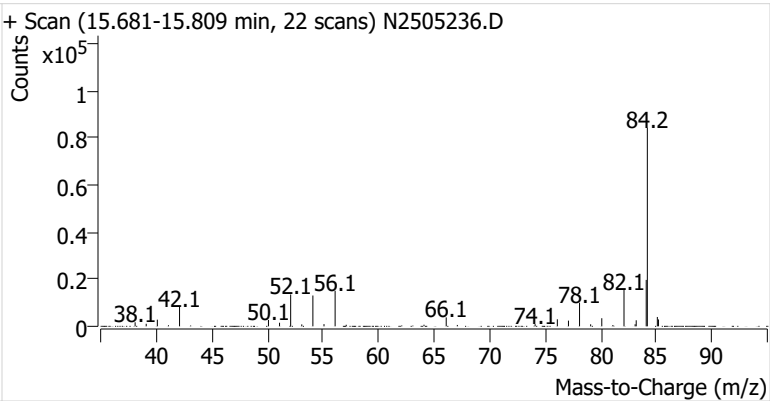
Sample Chromatogram



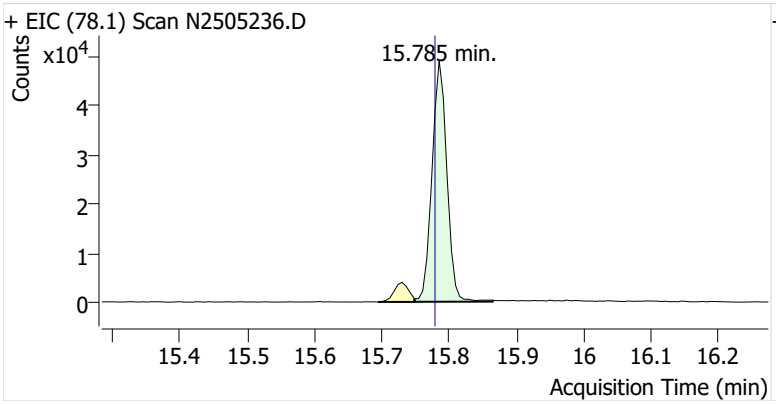
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	838,804	
Benzene	Benzene-d6 (IS)	15.785	15.779	75,361	
Toluene-d8 (IS)		18.293	18.287	1,210,108	
Toluene	Toluene-d8 (IS)	18.379	18.373	120,311	
Ethylbenzene	Toluene-d8 (IS)	20.435	20.422	19,841	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	40,499	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	16,297	

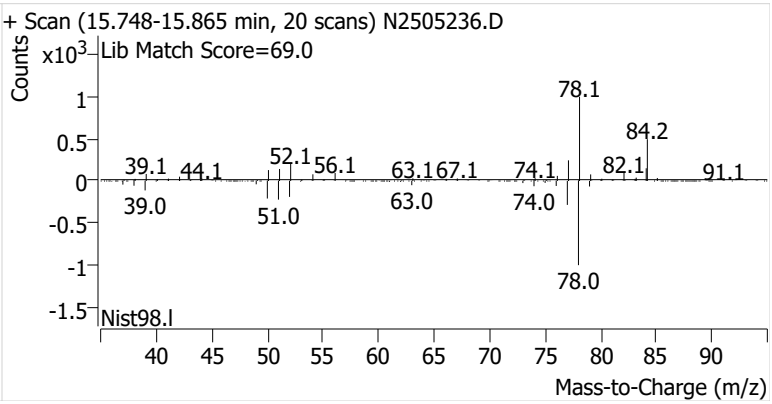
Benzene-d6 (IS)



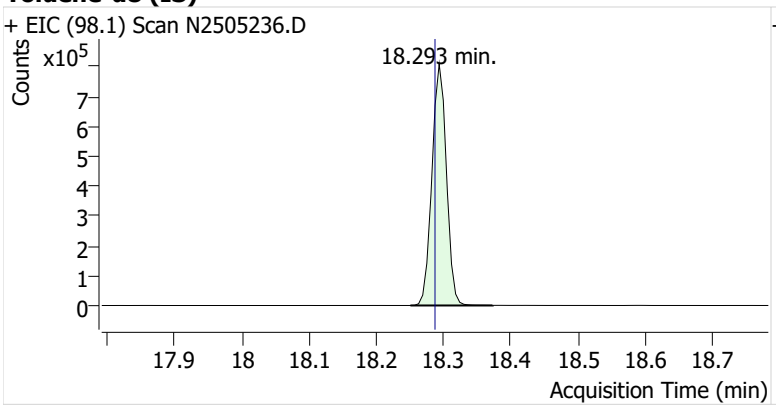


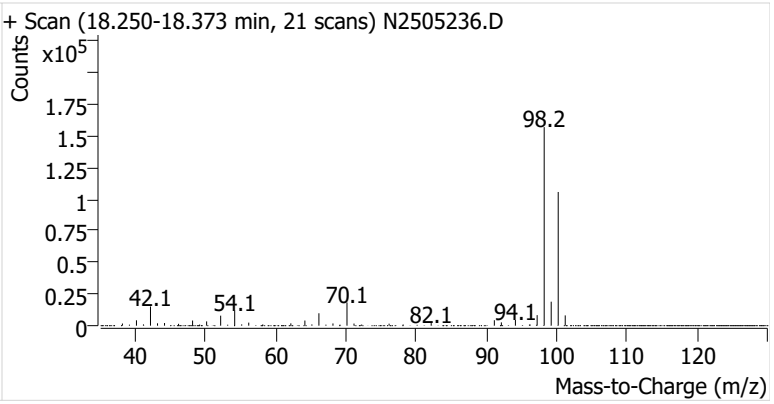
Benzene



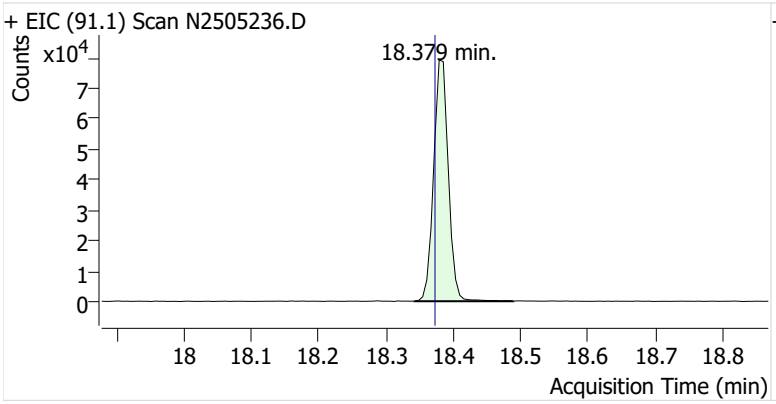


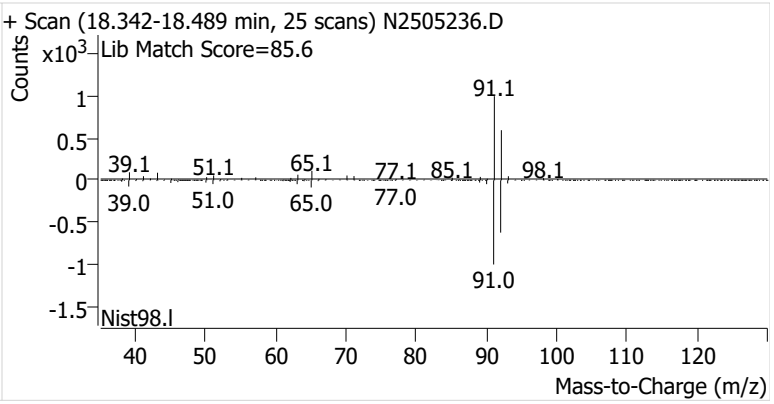
Toluene-d8 (IS)



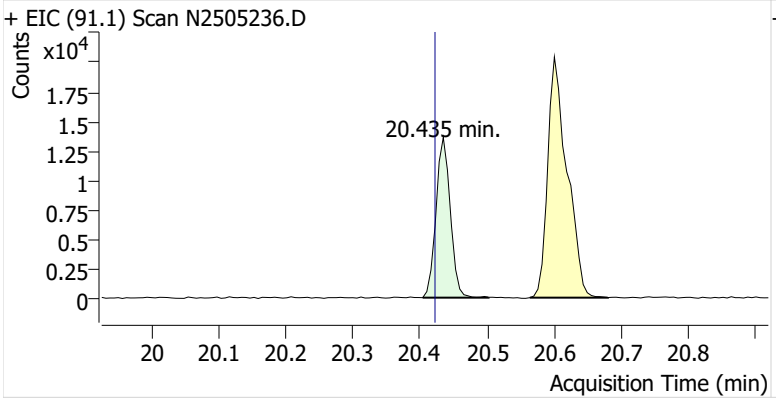


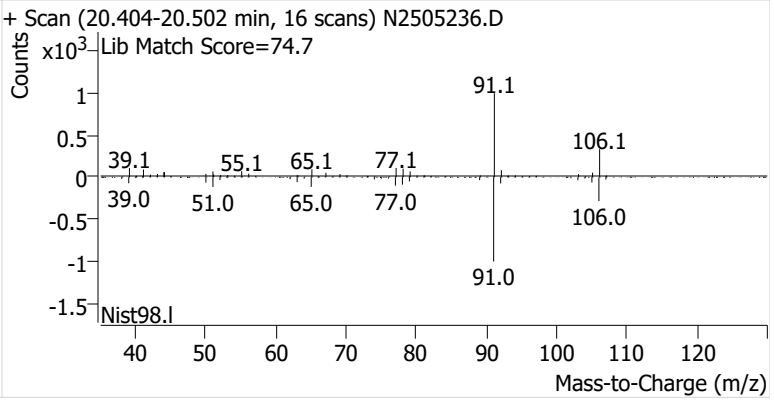
Toluene



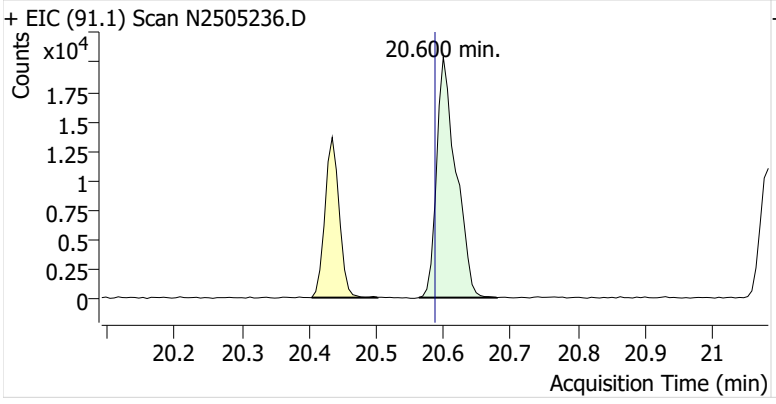


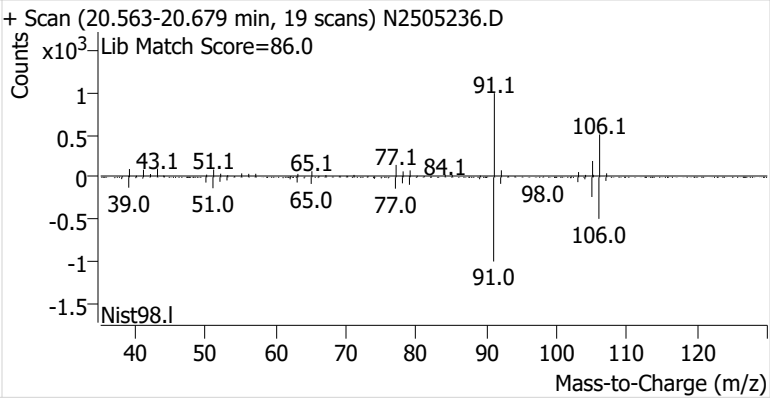
Ethylbenzene



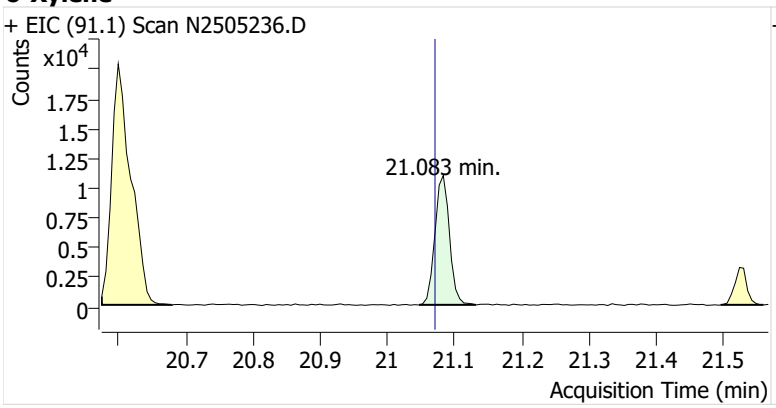


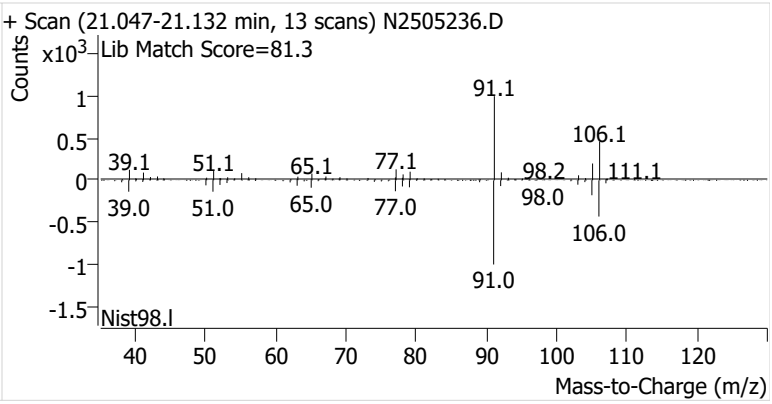
m-/p-Xylenes





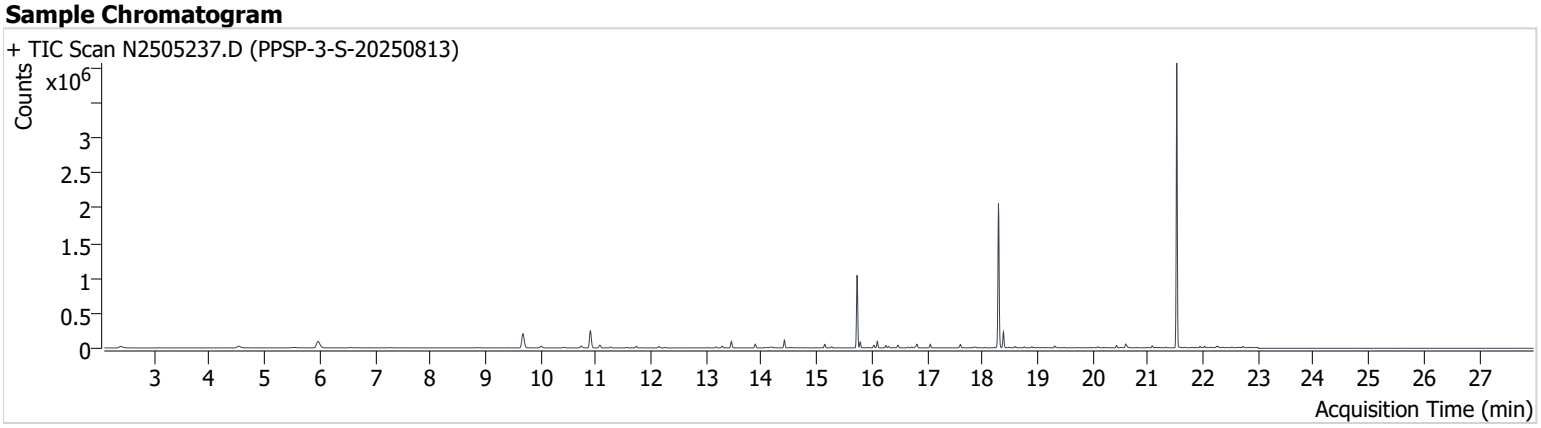
o-Xylene


+ EIC (91.1) Scan N2505236.D
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.047-21.132 min, 13 scans) N2505236.D
Lib Match Score=81.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
98.2
111.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

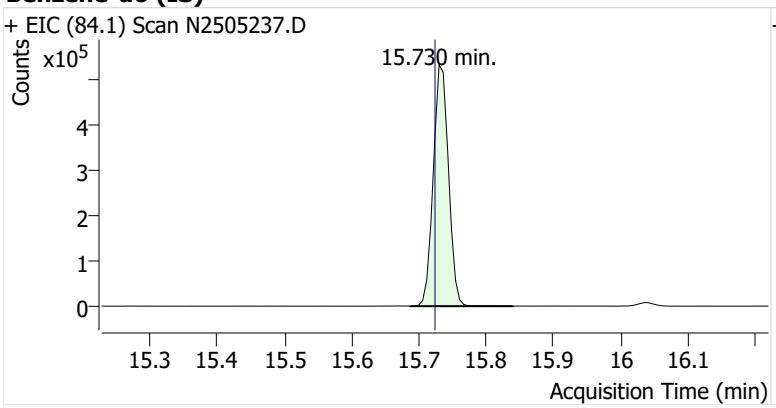
Name	PPSP-3-S-20250813
Comment	C37507
Data File	N2505237.D
Acq. Date-Time	9/3/2025 11:05:08 PM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

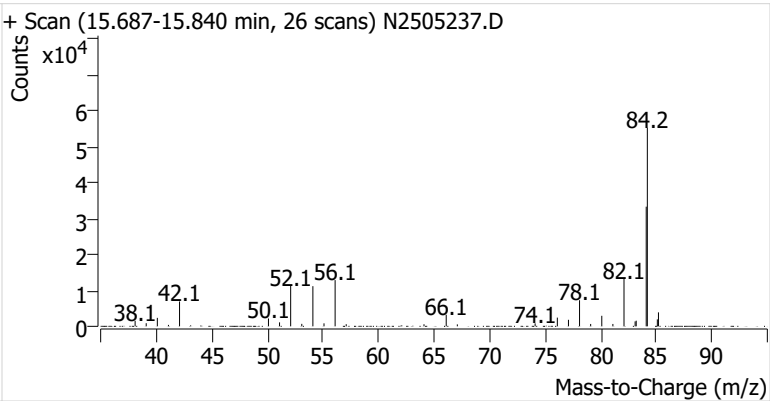
Sample Chromatogram



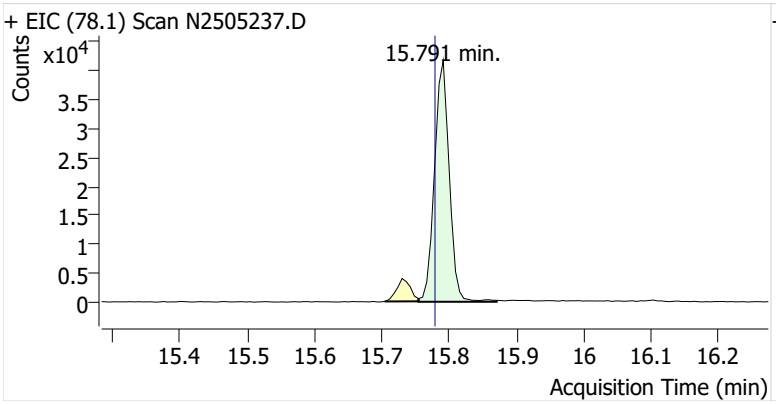
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	843,675	
Benzene	Benzene-d6 (IS)	15.791	15.779	63,377	
Toluene-d8 (IS)		18.293	18.287	1,218,018	
Toluene	Toluene-d8 (IS)	18.385	18.373	136,766	
Ethylbenzene	Toluene-d8 (IS)	20.434	20.422	20,366	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	39,107	
o-Xylene	Toluene-d8 (IS)	21.077	21.071	14,970	

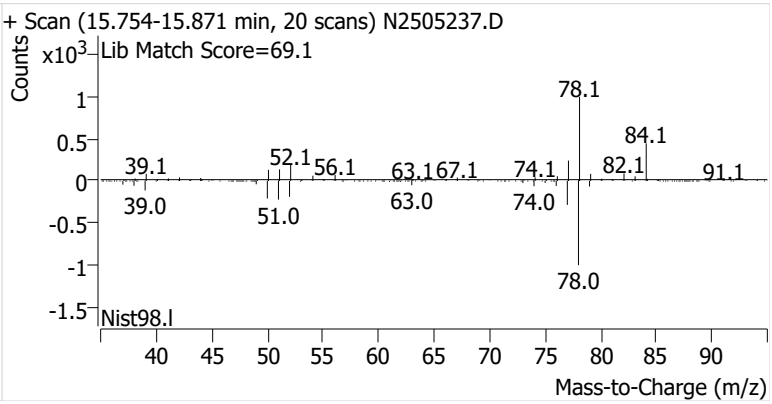
Benzene-d6 (IS)



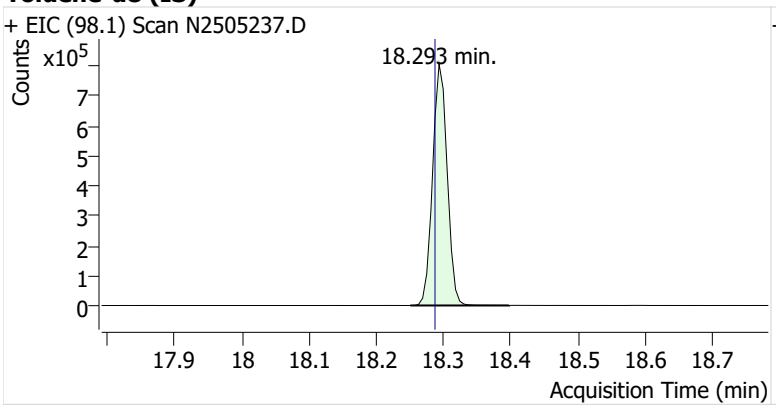


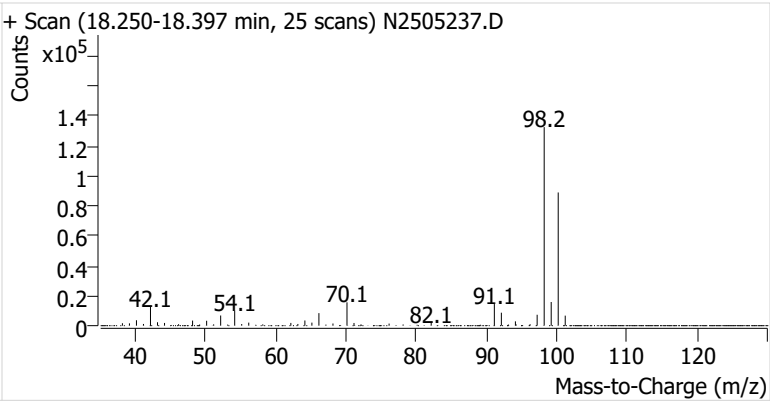
Benzene



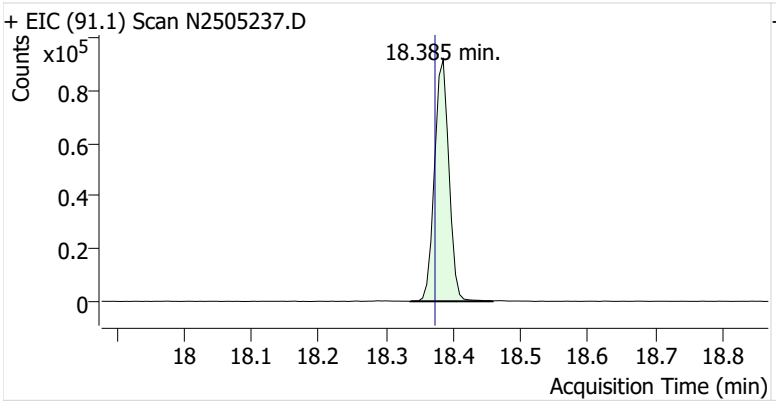


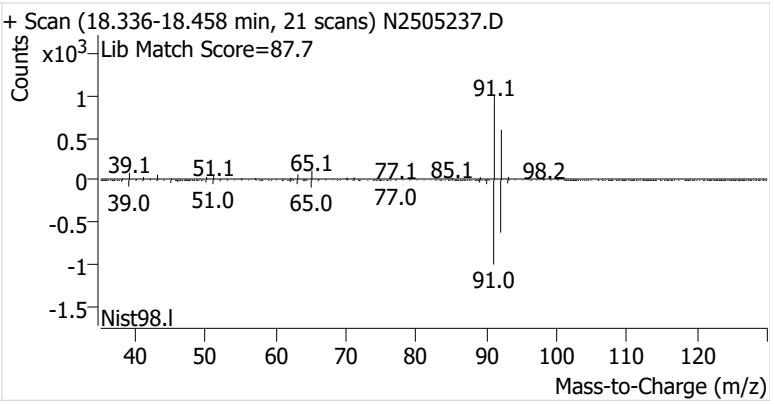
Toluene-d8 (IS)



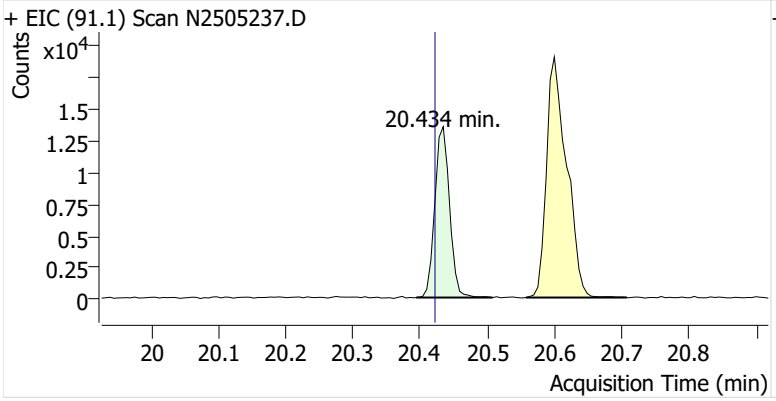


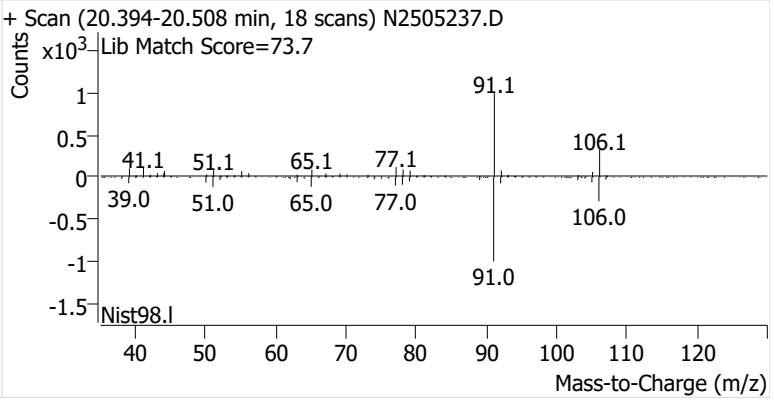
Toluene



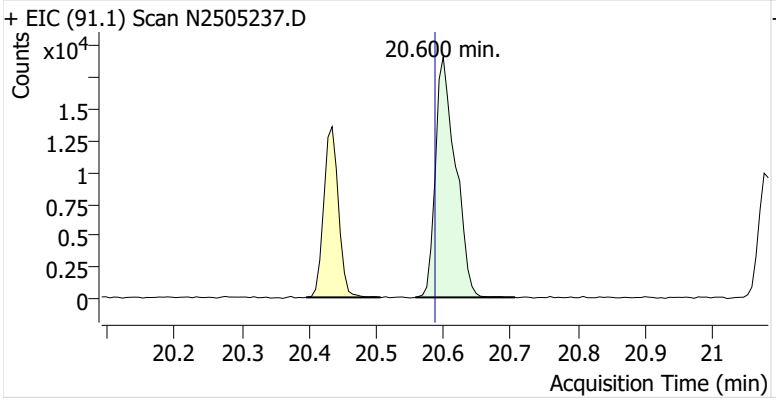


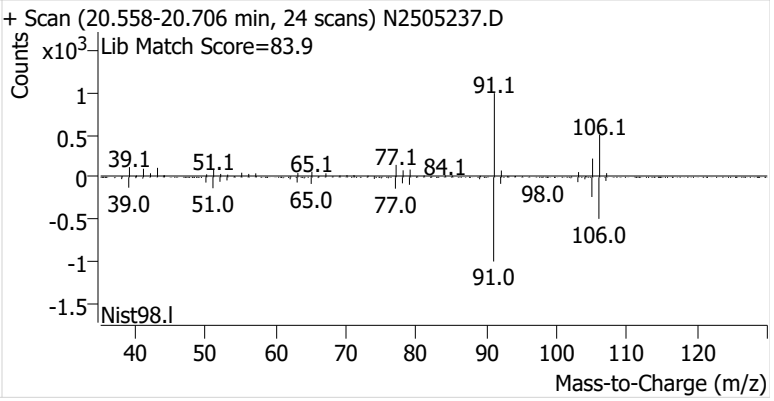
Ethylbenzene



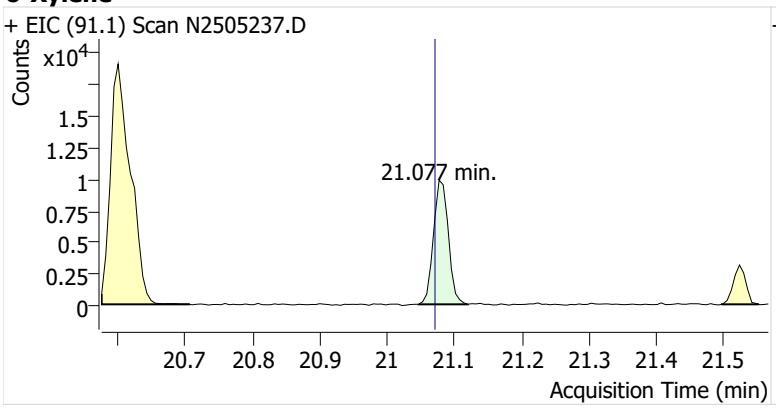


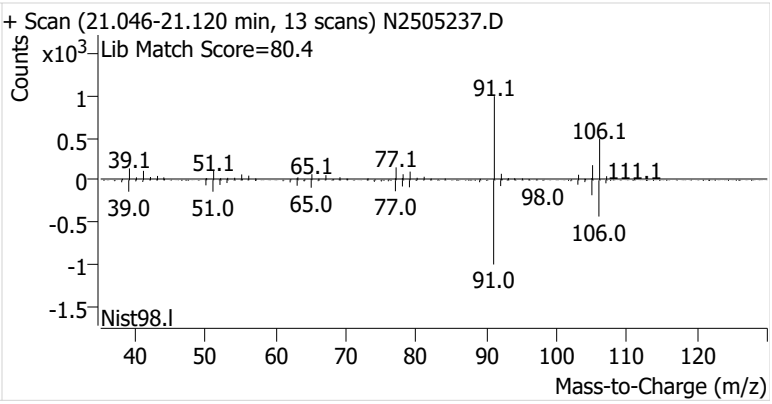
m-/p-Xylenes





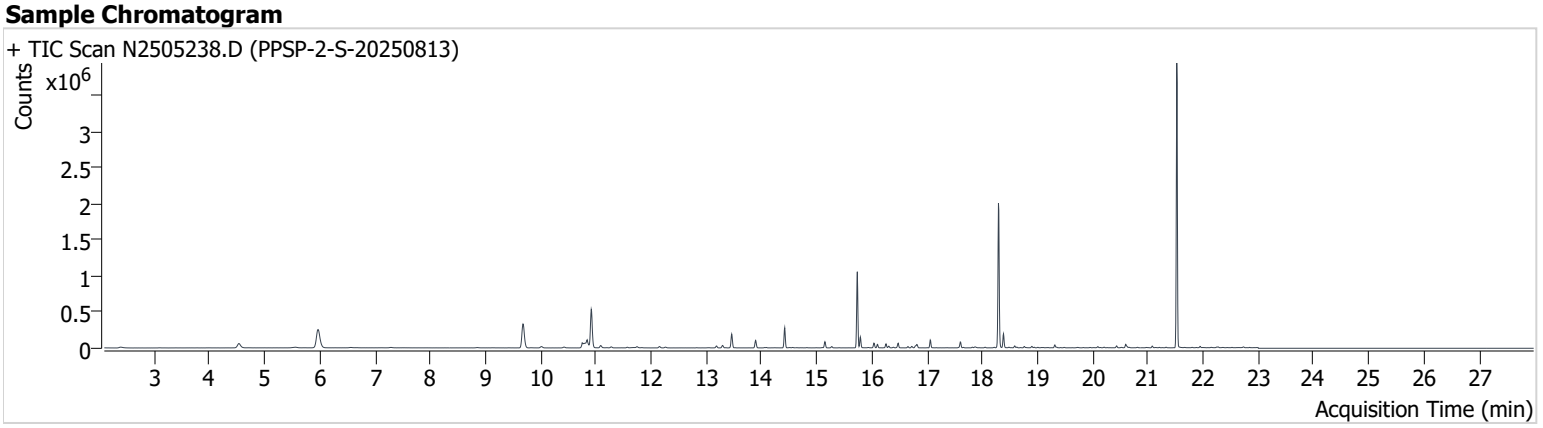
o-Xylene


+ EIC (91.1) Scan N2505237.D
Counts
x10^4
1.5
1.25
1
0.75
0.5
0.25
0
21.077 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.046-21.120 min, 13 scans) N2505237.D
Counts
x10^3
Lib Match Score=80.4
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

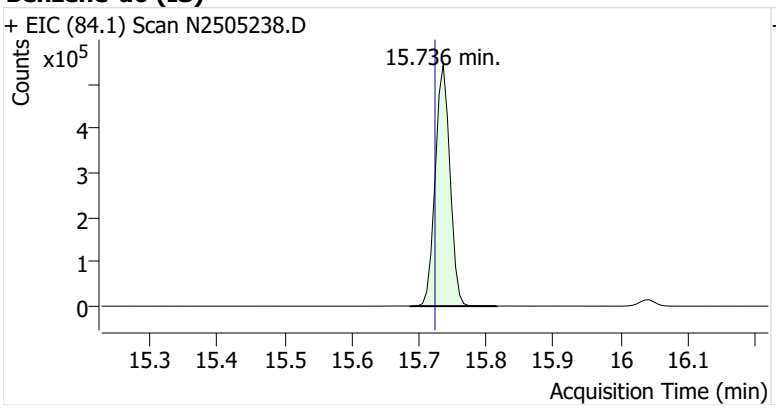
Name	PPSP-2-S-20250813
Comment	B14117
Data File	N2505238.D
Acq. Date-Time	9/3/2025 11:45:02 PM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

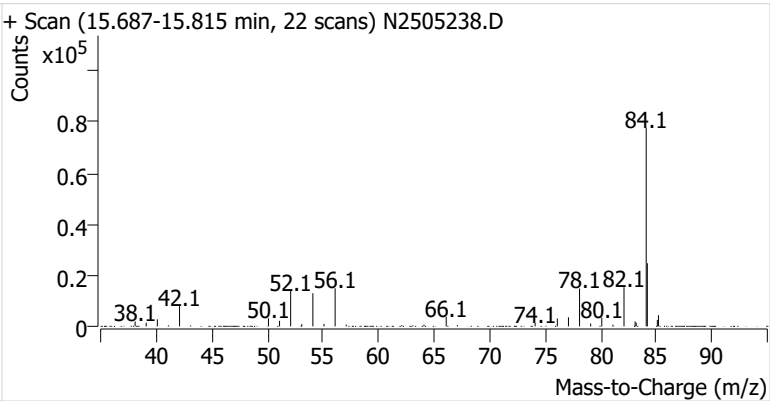
Sample Chromatogram



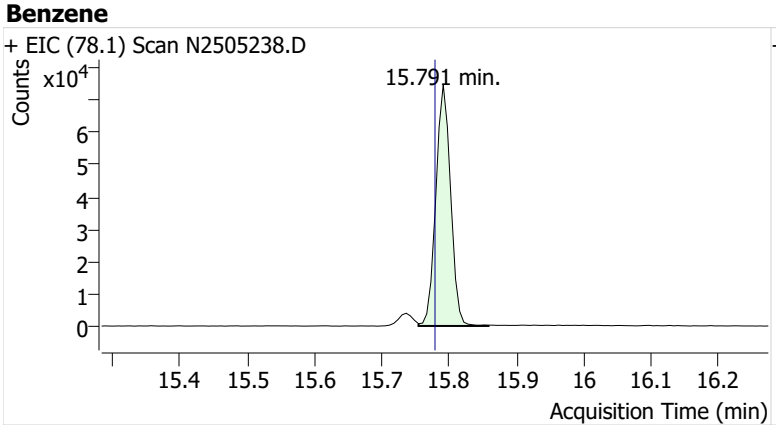
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.736	15.724	826,449	
Benzene	Benzene-d6 (IS)	15.791	15.779	113,938	
Toluene-d8 (IS)		18.293	18.287	1,186,143	
Toluene	Toluene-d8 (IS)	18.385	18.373	115,097	
Ethylbenzene	Toluene-d8 (IS)	20.434	20.422	16,048	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	32,093	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	12,669	

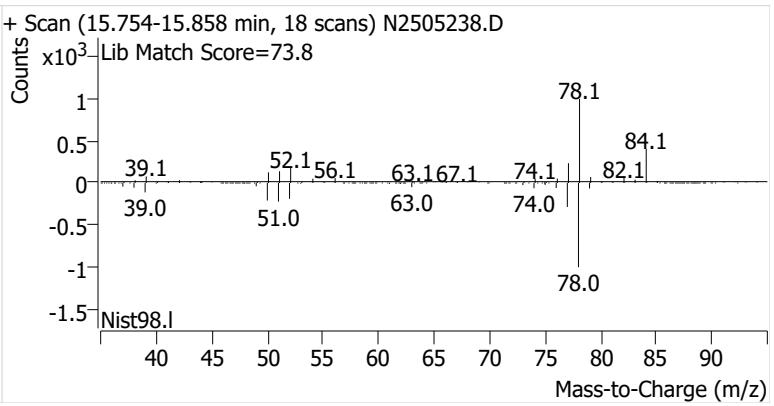
Benzene-d6 (IS)



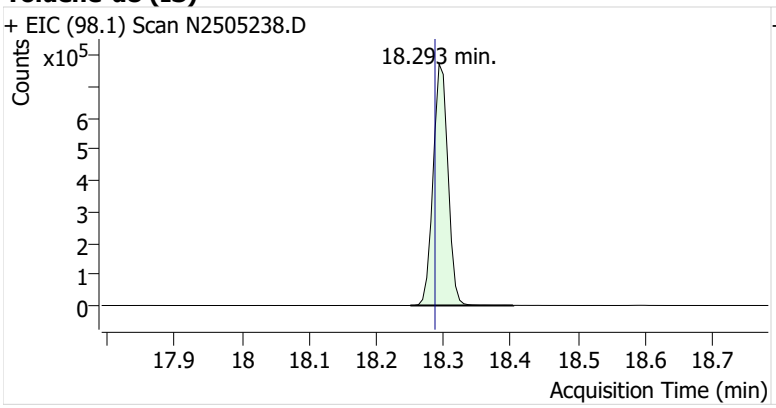


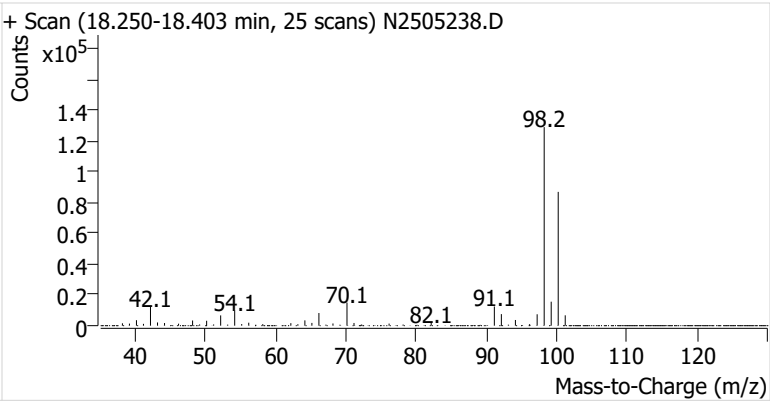
Benzene



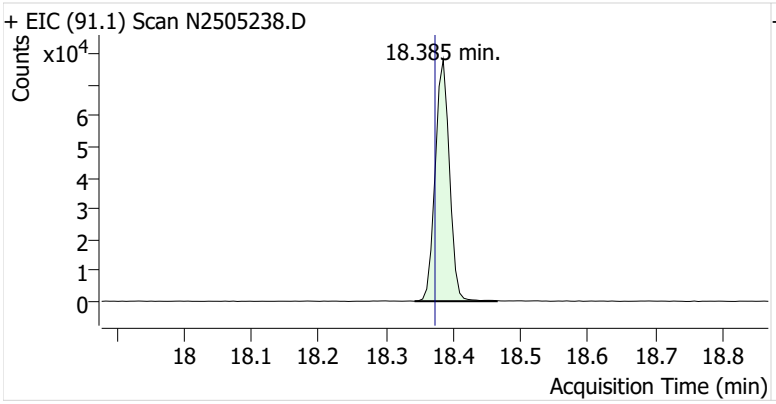


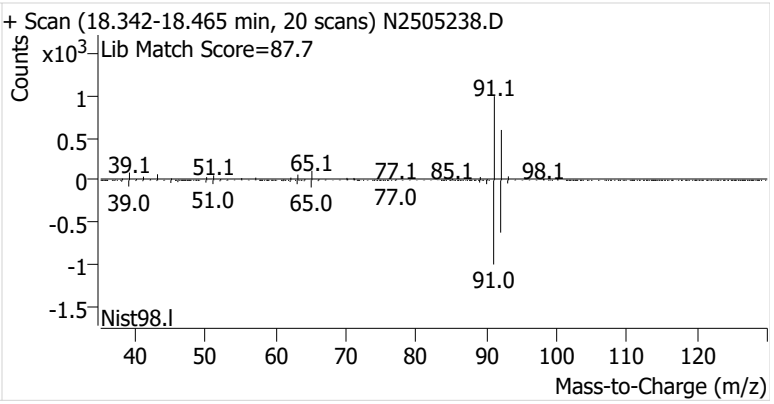
Toluene-d8 (IS)



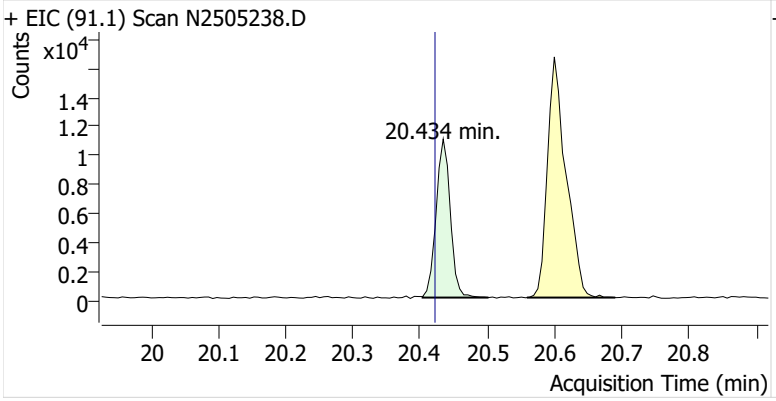


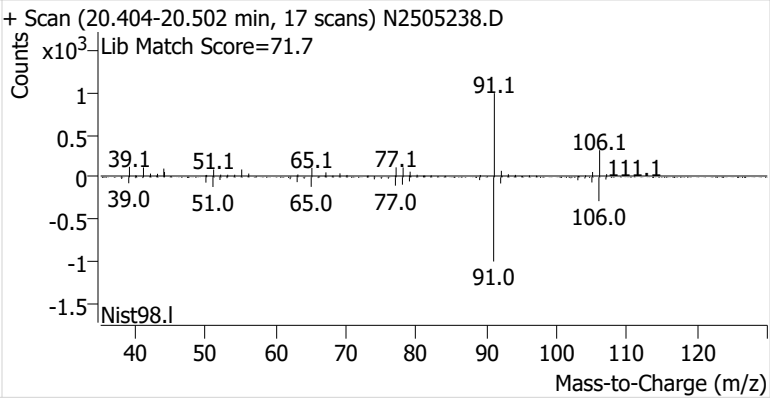
Toluene



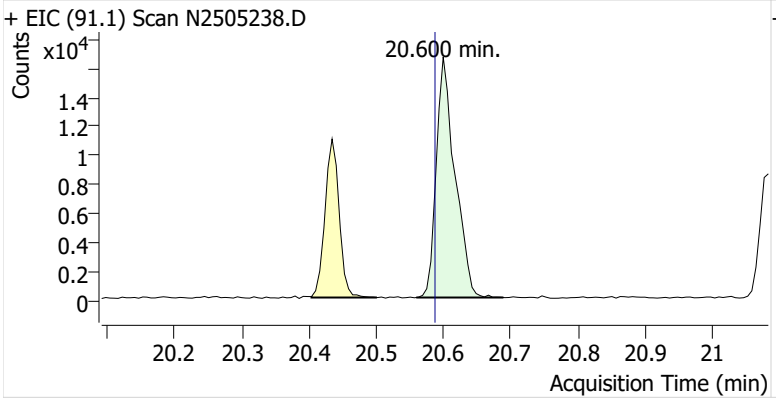


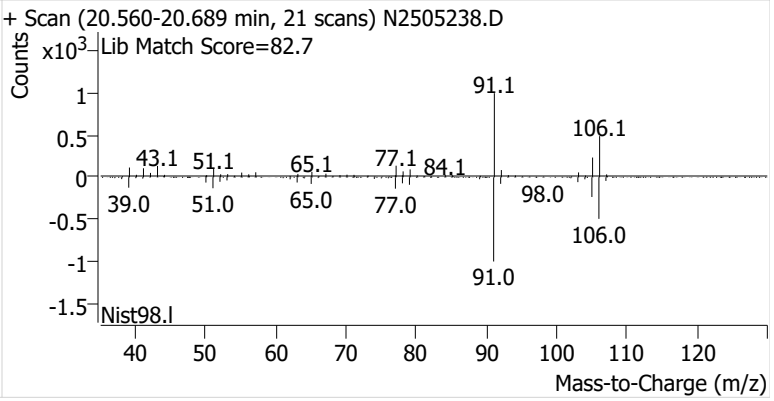
Ethylbenzene



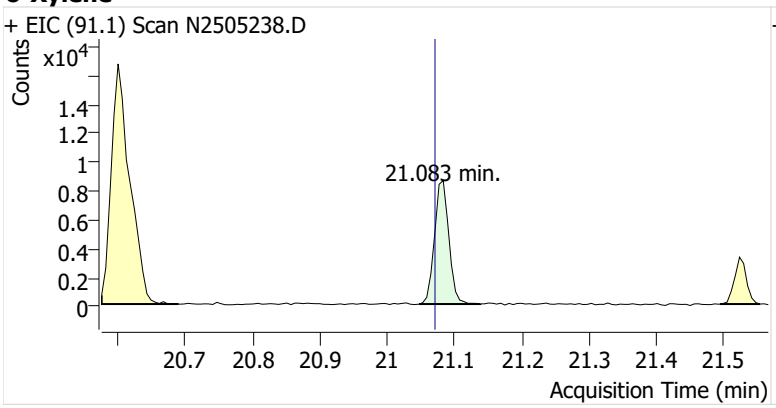


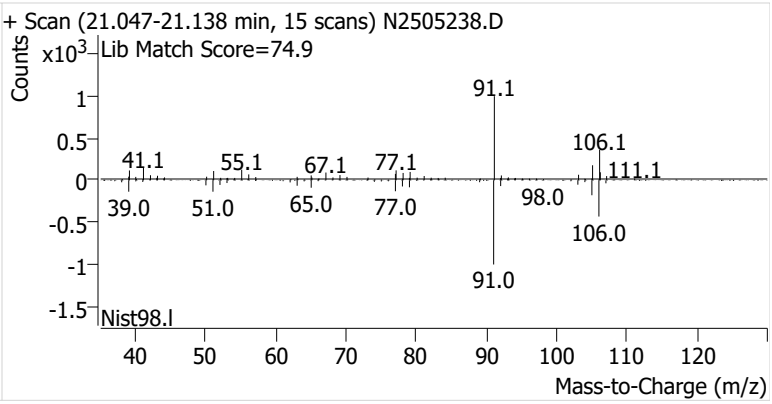
m-/p-Xylenes





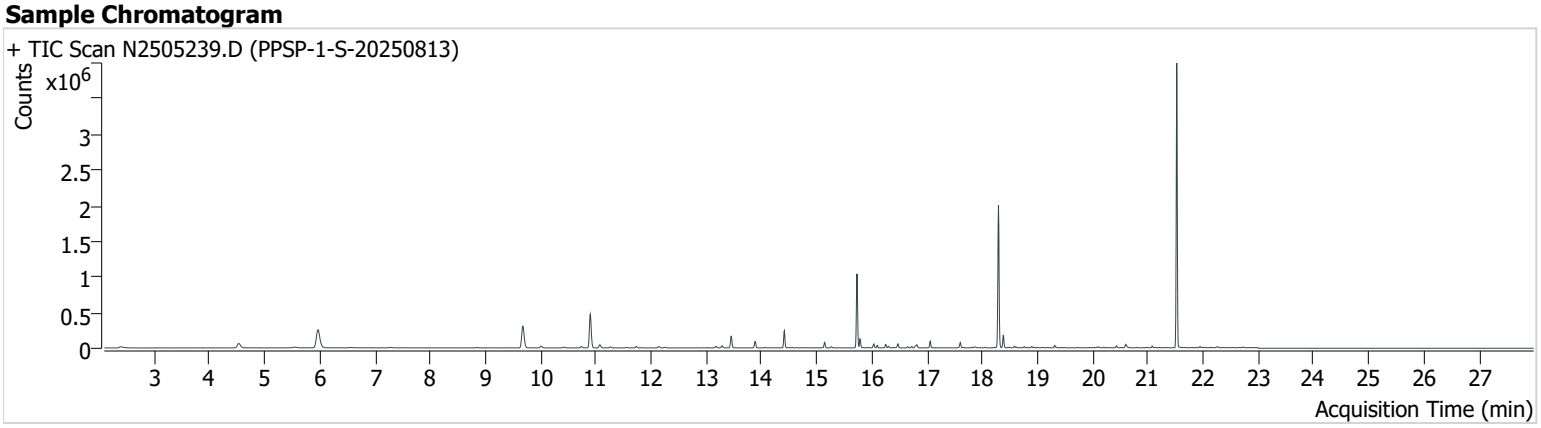
o-Xylene


+ EIC (91.1) Scan N2505238.D
Counts
x10^4
1.4
1.2
1
0.8
0.6
0.4
0.2
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.047-21.138 min, 15 scans) N2505238.D
Counts
x10^3
Lib Match Score=74.9
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.1
41.1
55.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

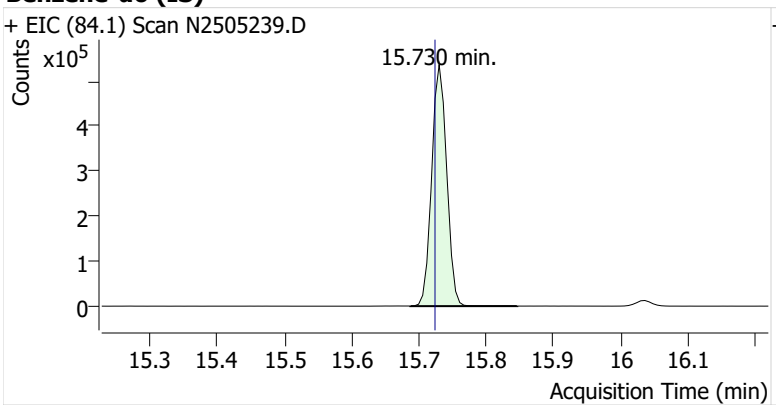
Name	PPSP-1-S-20250813
Comment	B52703
Data File	N2505239.D
Acq. Date-Time	9/4/2025 12:24:56 AM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

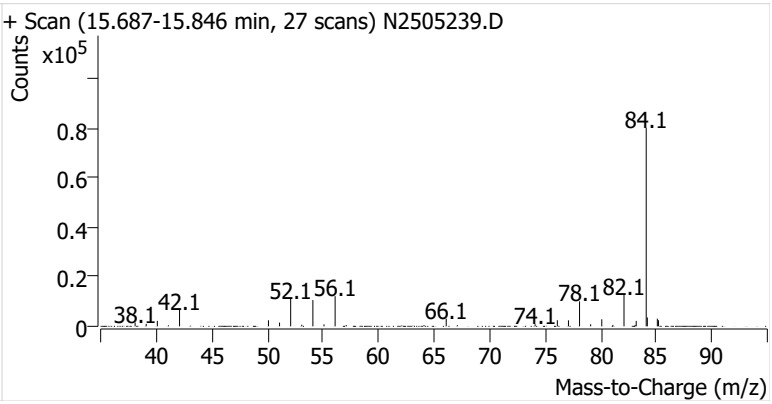
Sample Chromatogram



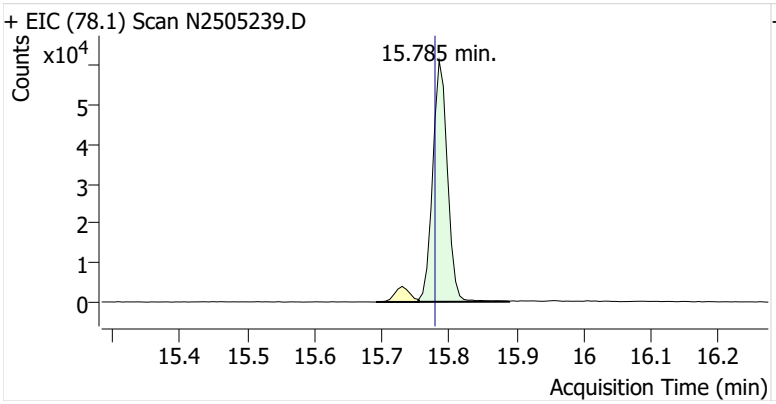
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	831,741	
Benzene	Benzene-d6 (IS)	15.785	15.779	93,514	
Toluene-d8 (IS)		18.293	18.287	1,186,470	
Toluene	Toluene-d8 (IS)	18.379	18.373	106,874	
Ethylbenzene	Toluene-d8 (IS)	20.435	20.422	17,963	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	35,039	
o-Xylene	Toluene-d8 (IS)	21.077	21.071	13,043	

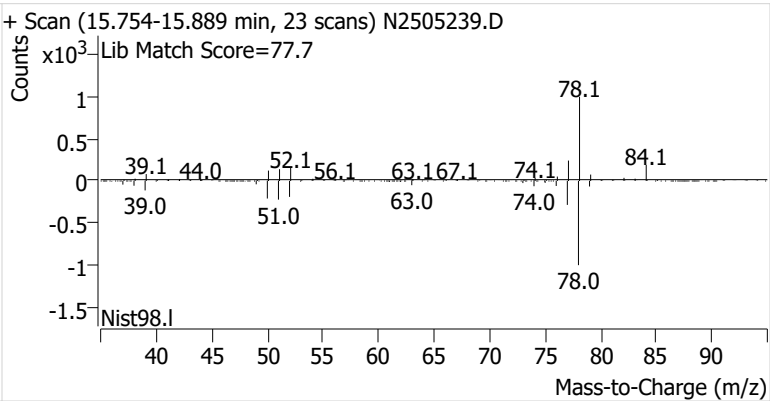
Benzene-d6 (IS)



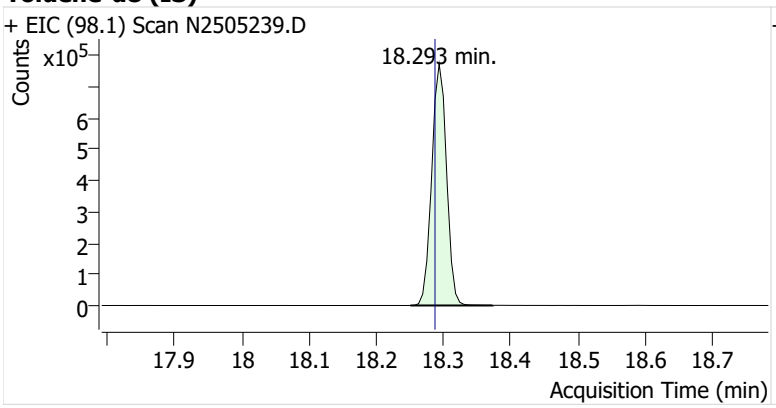


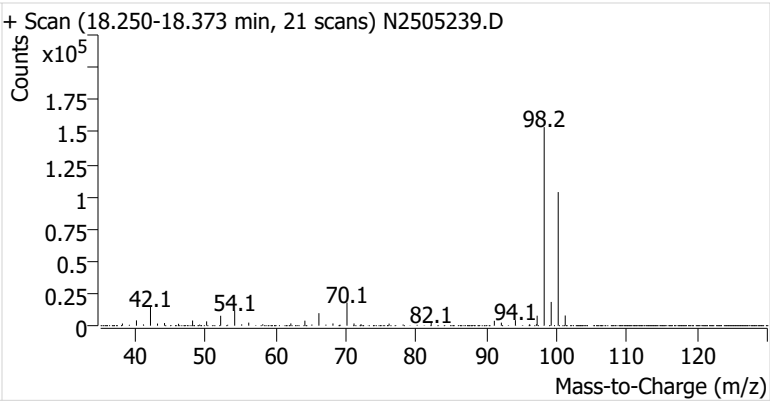
Benzene



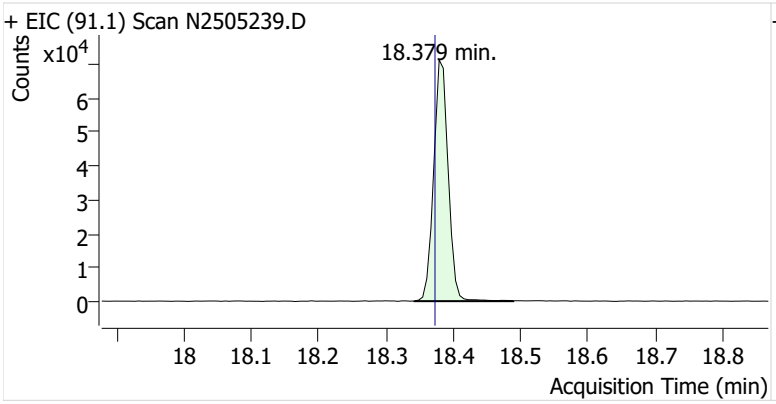


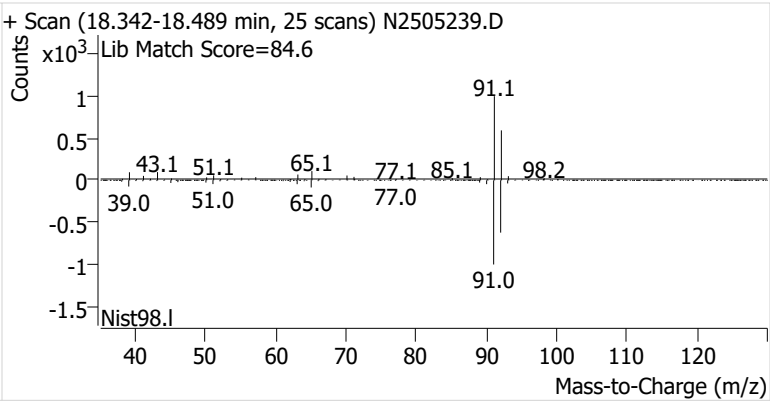
Toluene-d8 (IS)



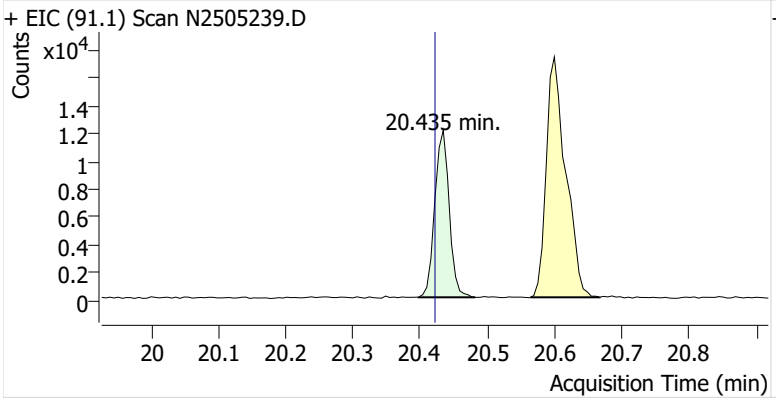


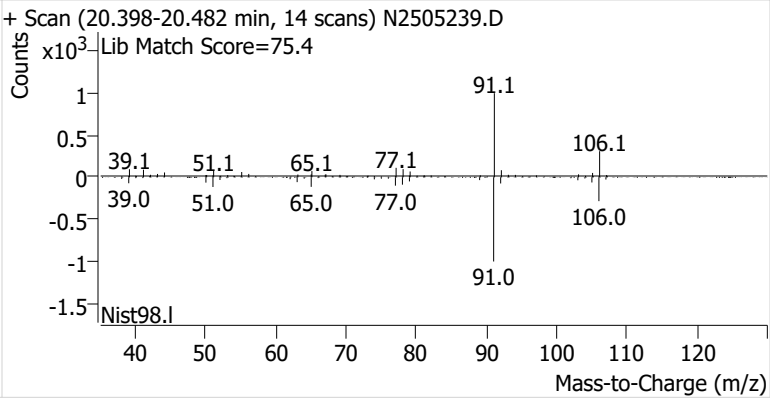
Toluene



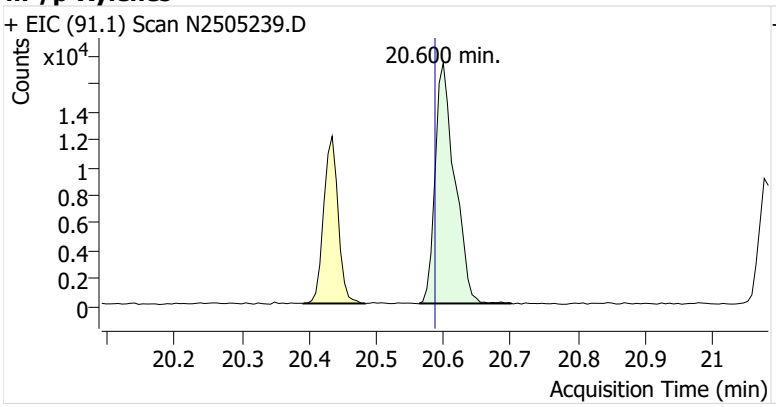


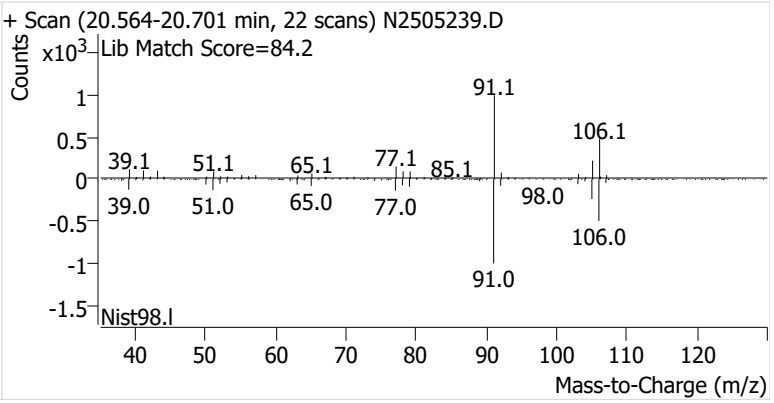
Ethylbenzene



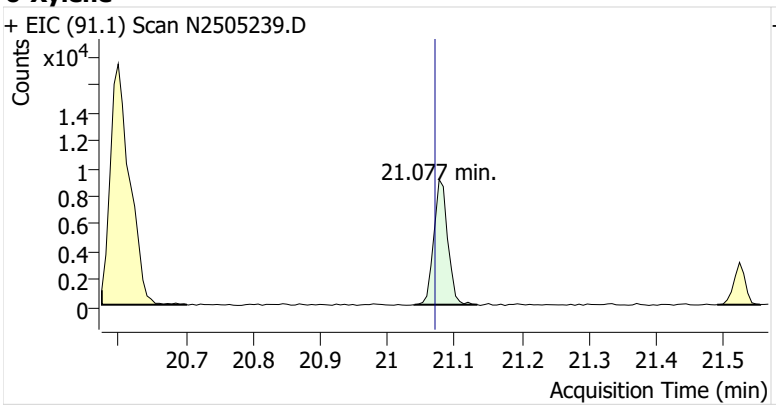


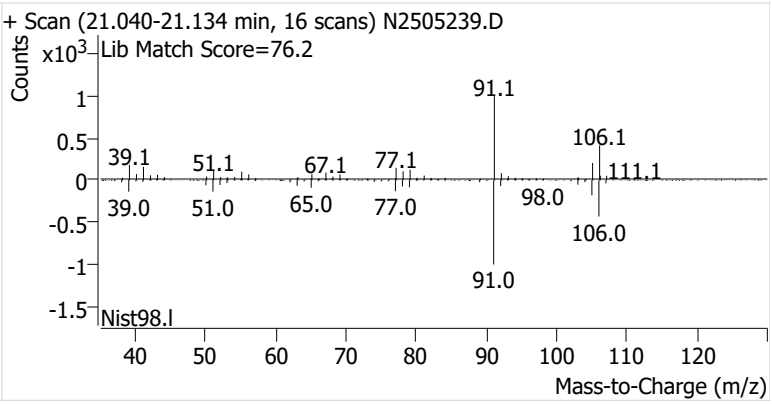
m-/p-Xylenes





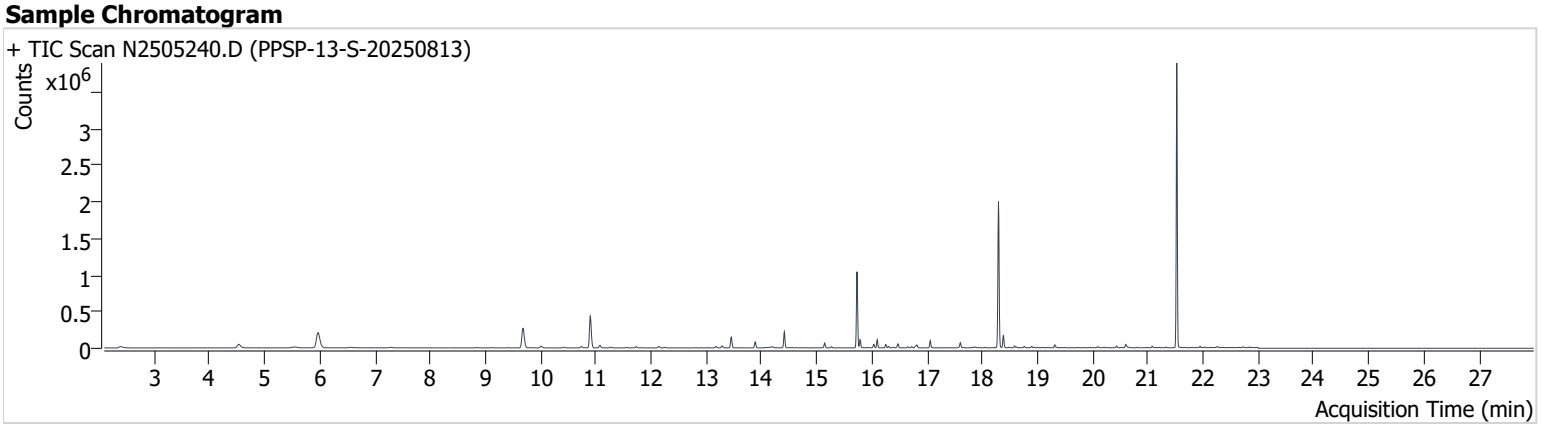
o-Xylene


+ EIC (91.1) Scan N2505239.D
Counts
x10^4
1.4
1.2
1
0.8
0.6
0.4
0.2
0
21.077 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.040-21.134 min, 16 scans) N2505239.D
Lib Match Score=76.2
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
67.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

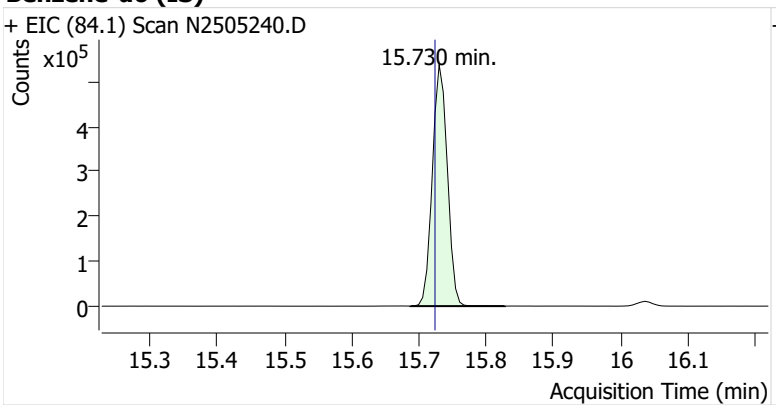
Name	PPSP-13-S-20250813
Comment	C43719
Data File	N2505240.D
Acq. Date-Time	9/4/2025 1:04:50 AM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

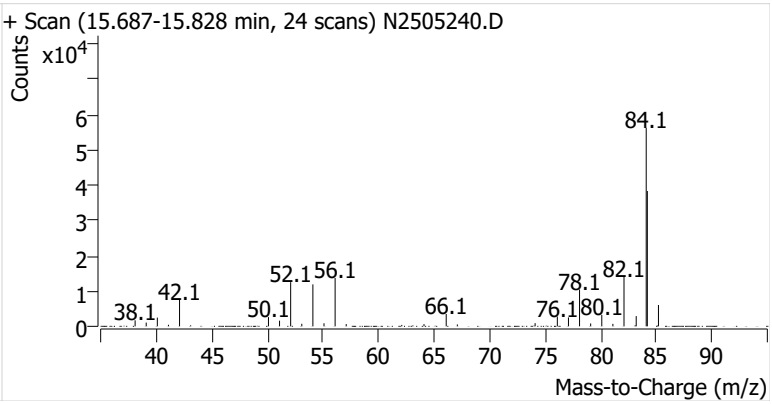
Sample Chromatogram



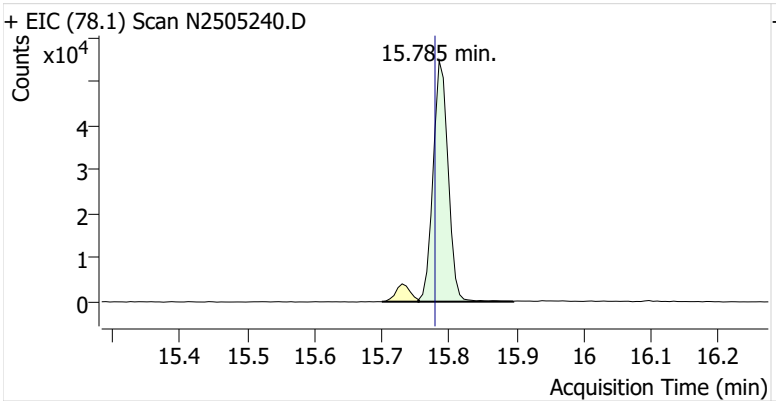
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	832,429	
Benzene	Benzene-d6 (IS)	15.785	15.779	84,995	
Toluene-d8 (IS)		18.293	18.287	1,194,786	
Toluene	Toluene-d8 (IS)	18.379	18.373	102,826	
Ethylbenzene	Toluene-d8 (IS)	20.435	20.422	15,023	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	29,956	
o-Xylene	Toluene-d8 (IS)	21.077	21.071	11,522	

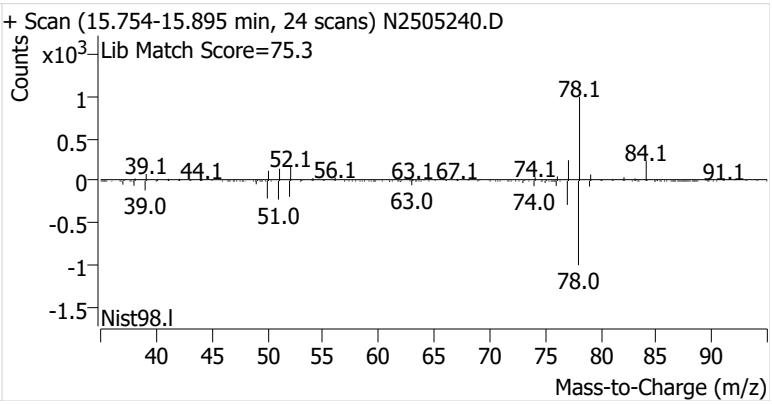
Benzene-d6 (IS)



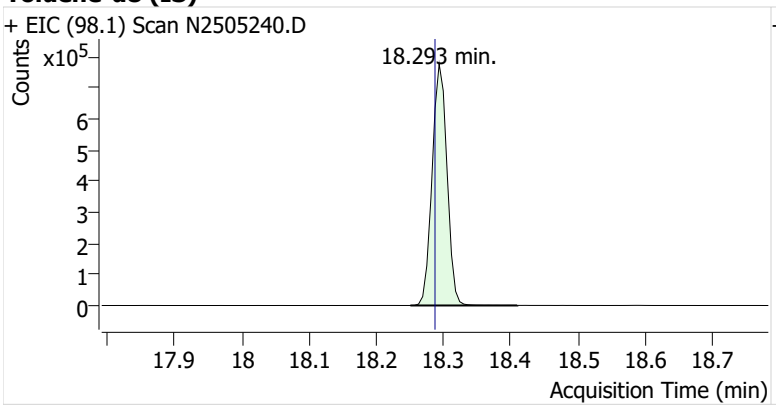


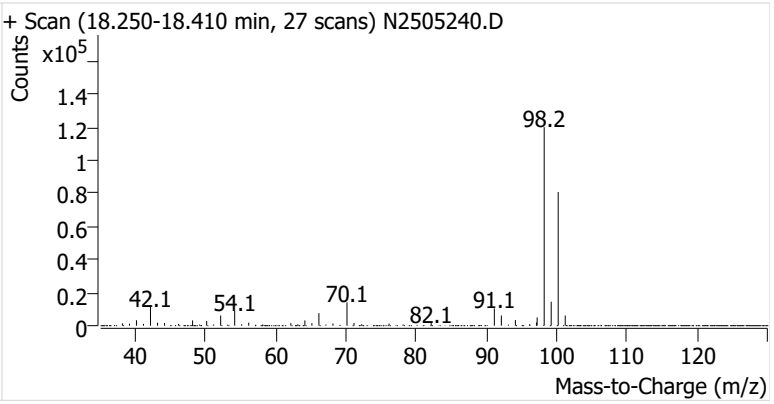
Benzene



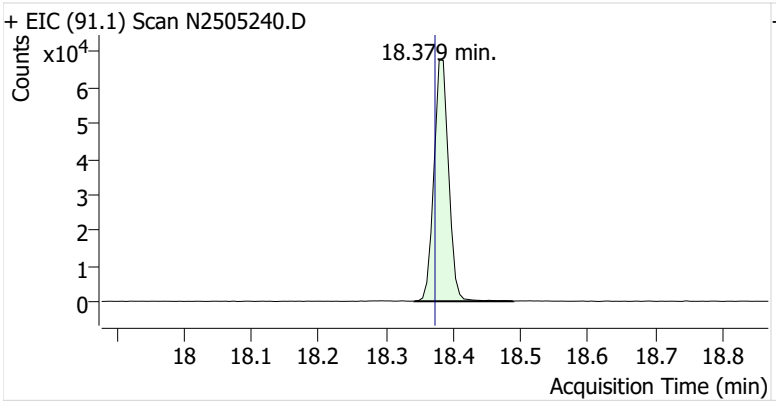


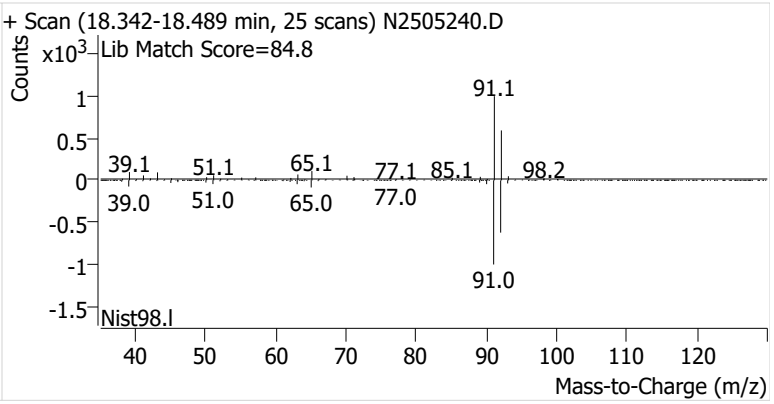
Toluene-d8 (IS)



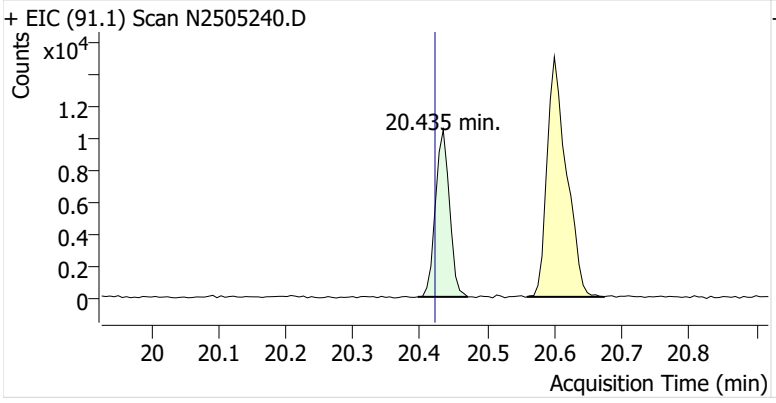


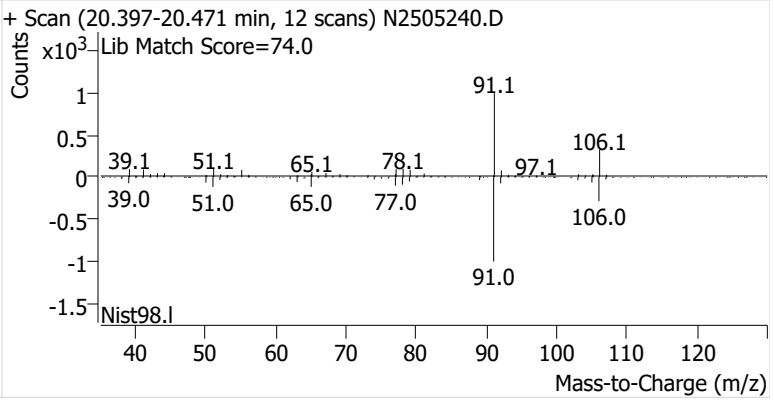
Toluene



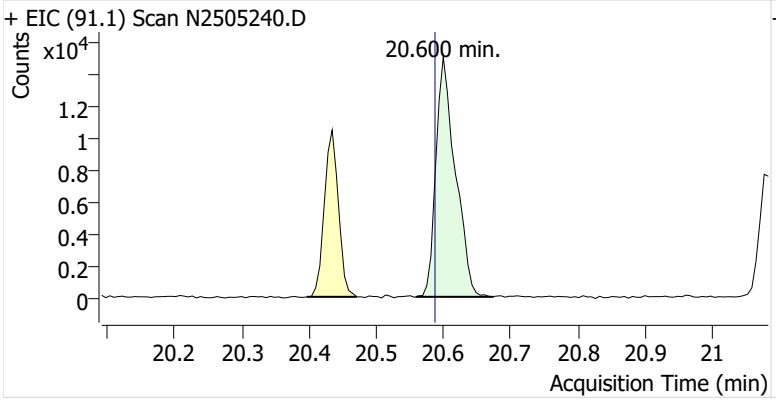


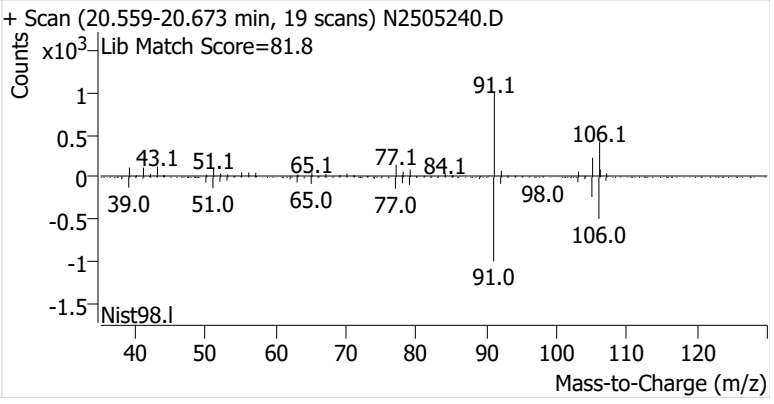
Ethylbenzene



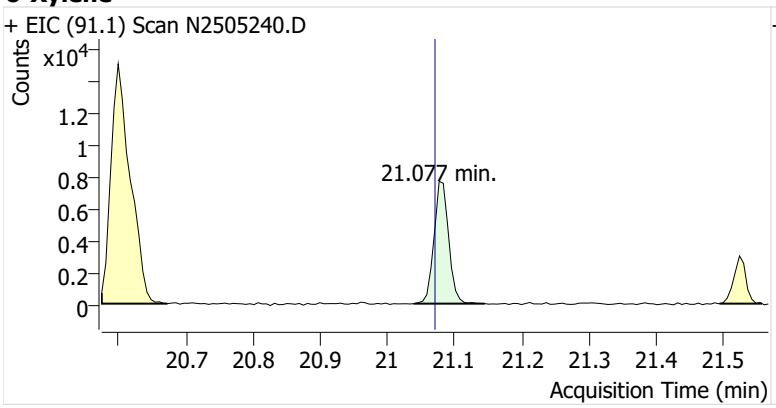


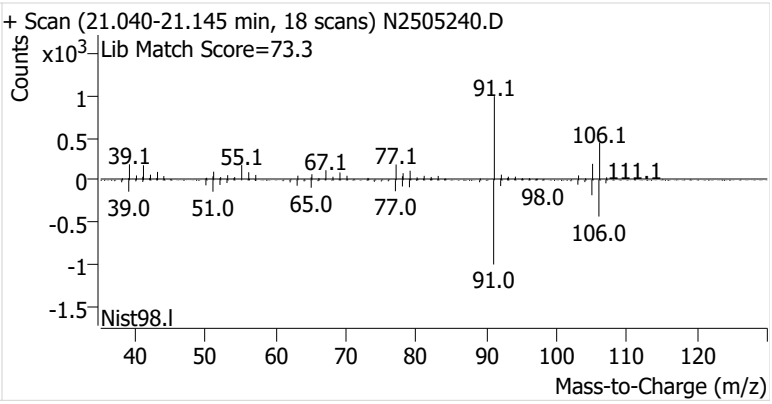
m-/p-Xylenes





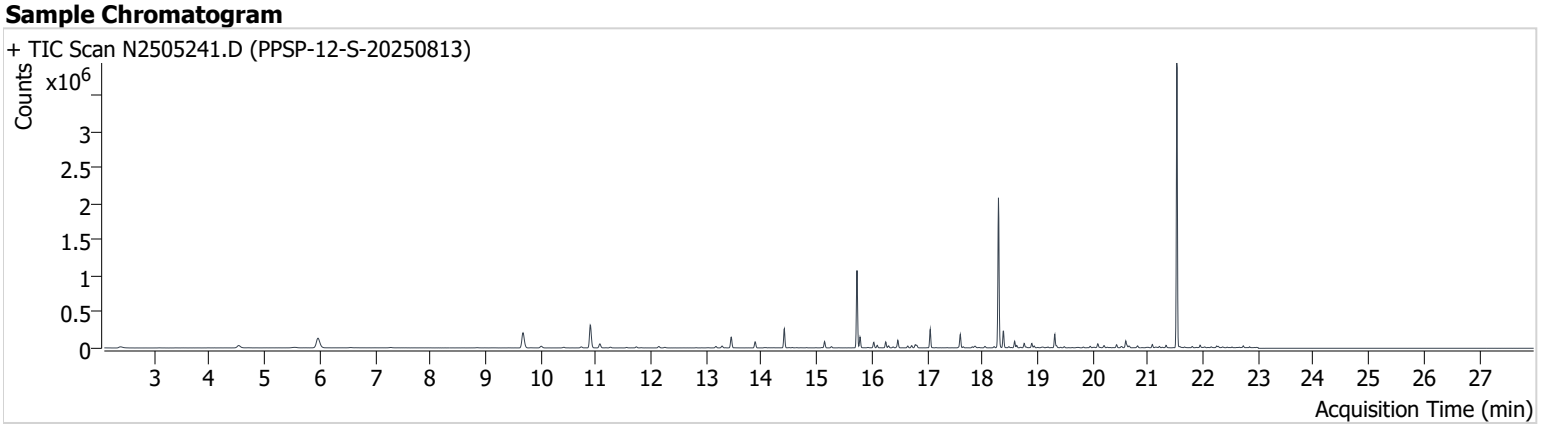
o-Xylene


+ EIC (91.1) Scan N2505240.D
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
21.077 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.040-21.145 min, 18 scans) N2505240.D
Lib Match Score=73.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
67.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

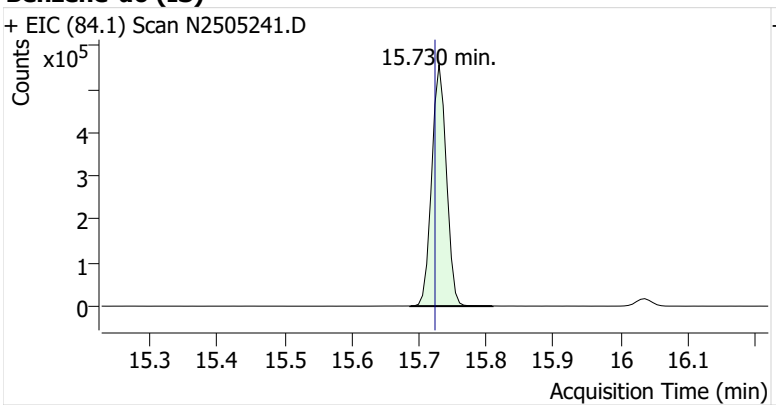
Name	PPSP-12-S-20250813
Comment	C01379
Data File	N2505241.D
Acq. Date-Time	9/4/2025 1:44:46 AM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

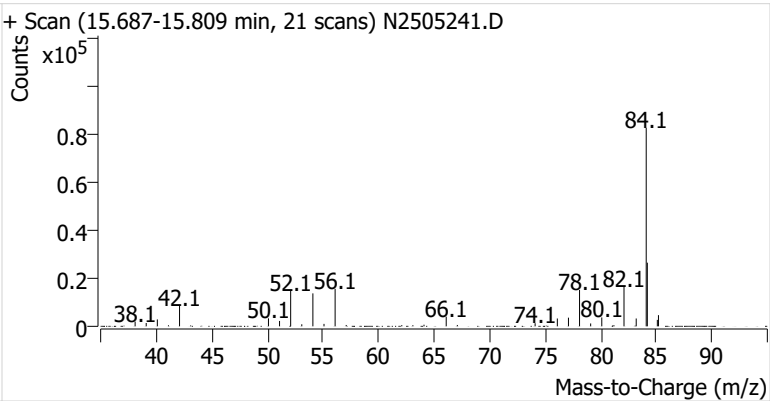
Sample Chromatogram



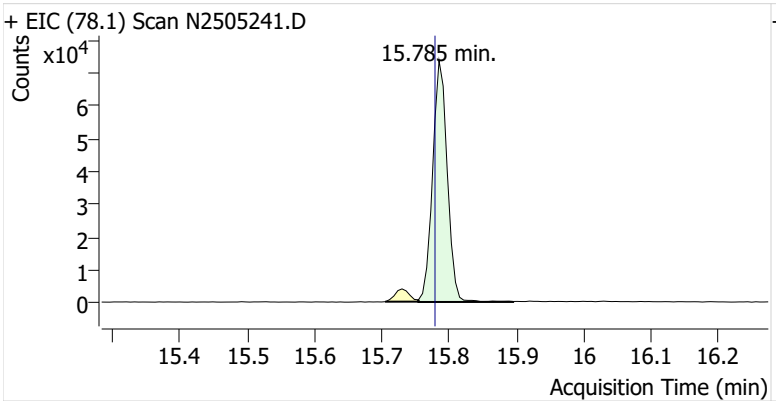
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	842,819	
Benzene	Benzene-d6 (IS)	15.785	15.779	112,237	
Toluene-d8 (IS)		18.293	18.287	1,209,827	
Toluene	Toluene-d8 (IS)	18.385	18.373	146,542	
Ethylbenzene	Toluene-d8 (IS)	20.434	20.422	25,908	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	60,492	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	23,634	

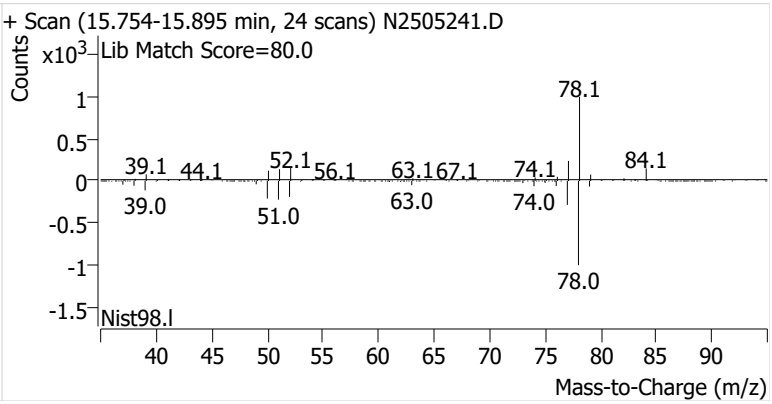
Benzene-d6 (IS)



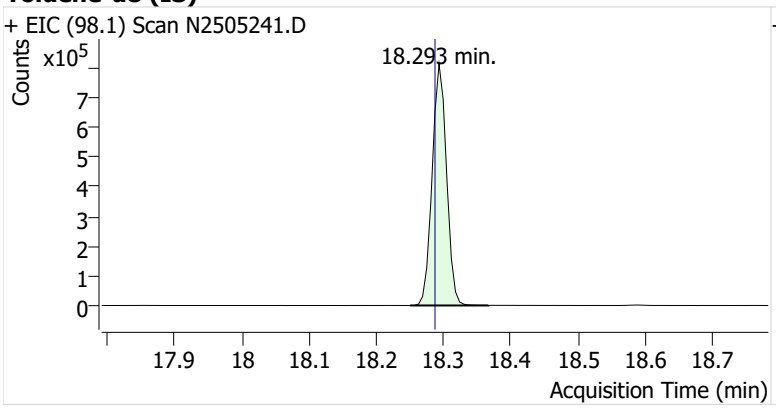


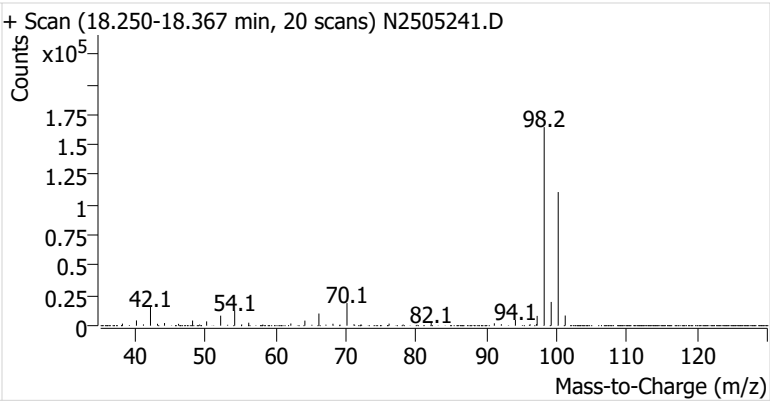
Benzene



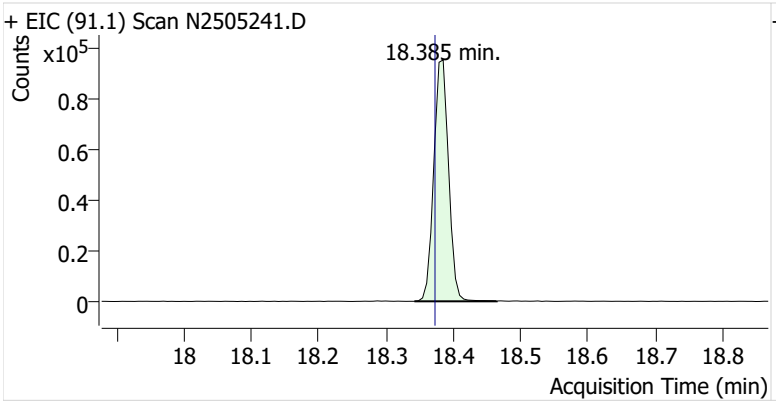


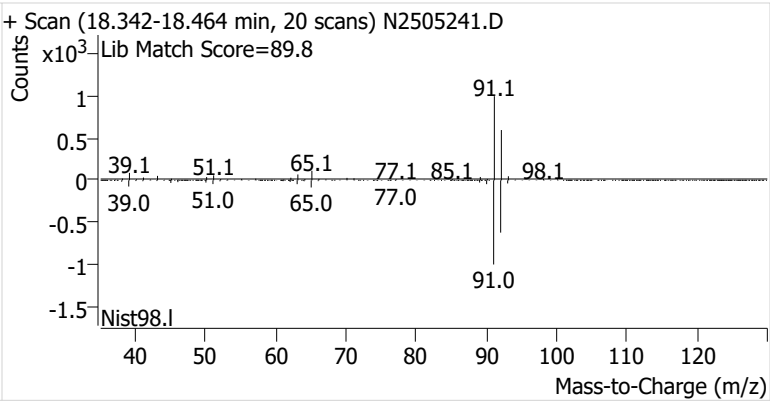
Toluene-d8 (IS)



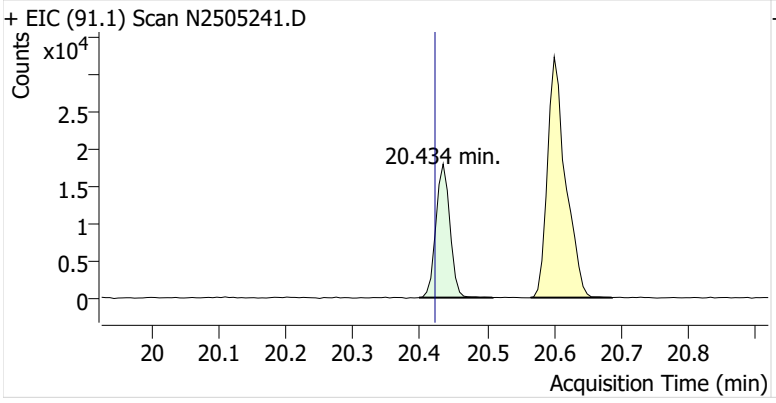


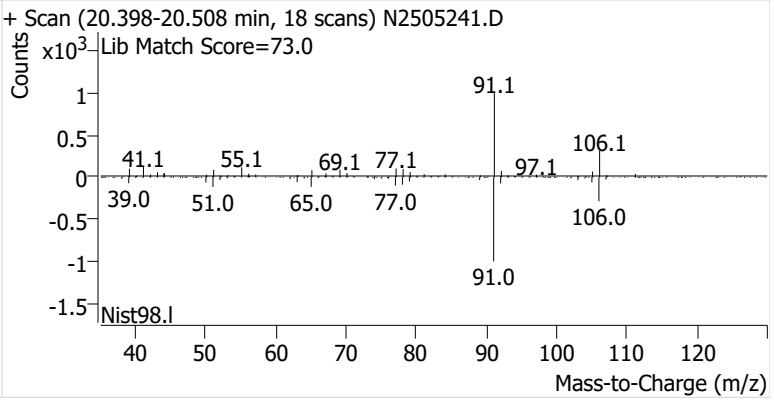
Toluene



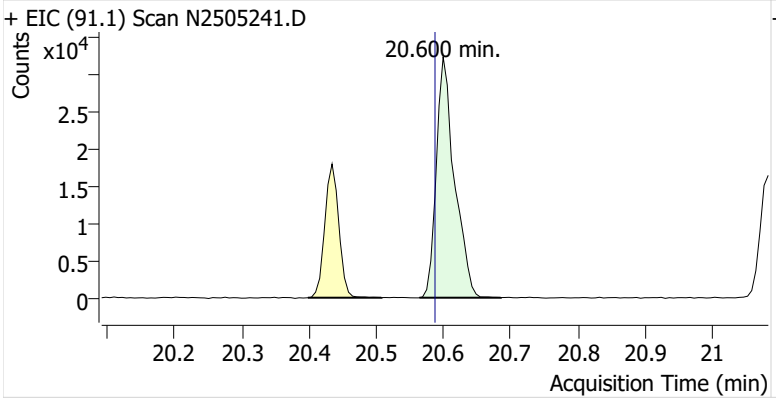


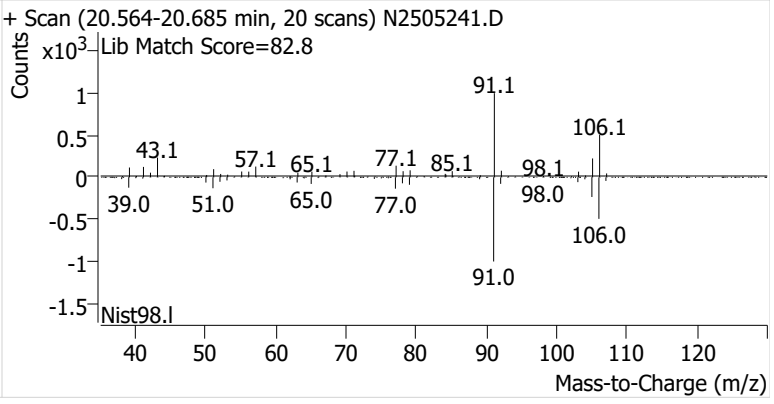
Ethylbenzene



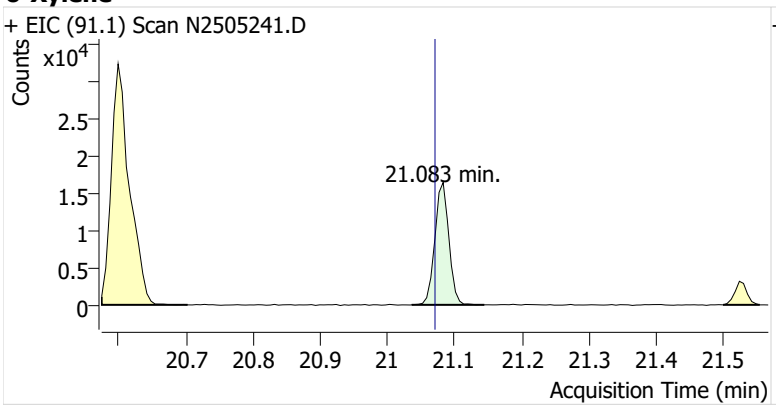


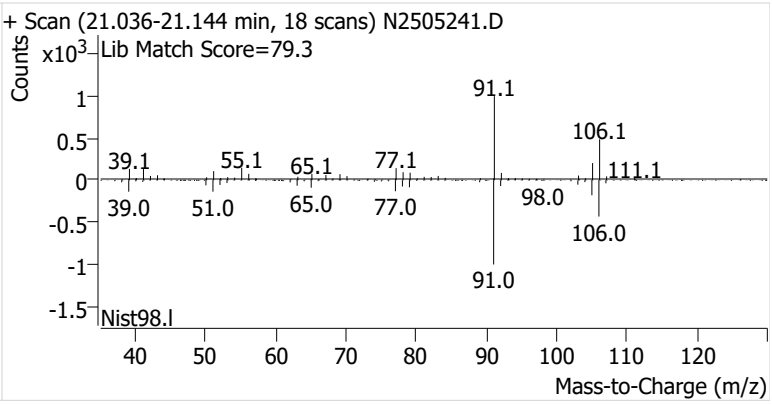
m-/p-Xylenes





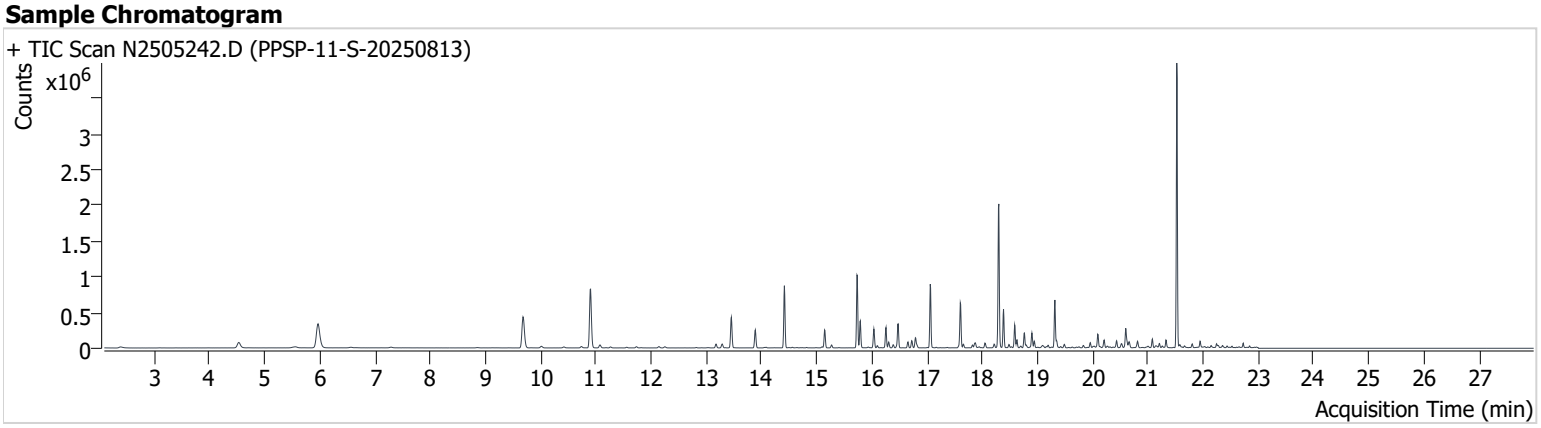
o-Xylene


+ EIC (91.1) Scan N2505241.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.036-21.144 min, 18 scans) N2505241.D
Counts
x10^3
Lib Match Score=79.3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

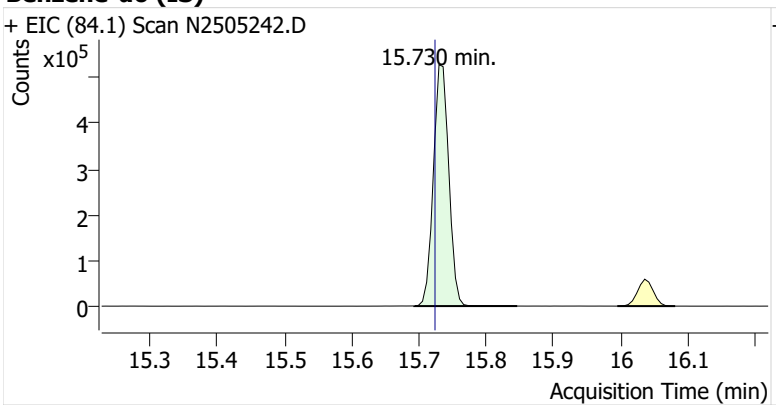
Name	PPSP-11-S-20250813
Comment	B46845
Data File	N2505242.D
Acq. Date-Time	9/4/2025 2:24:41 AM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

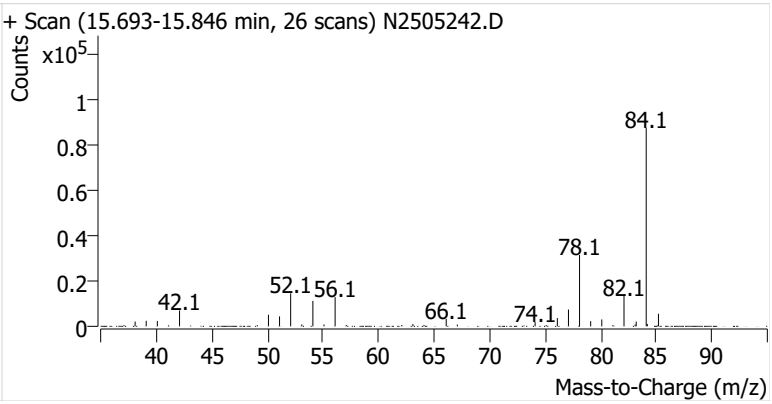
Sample Chromatogram



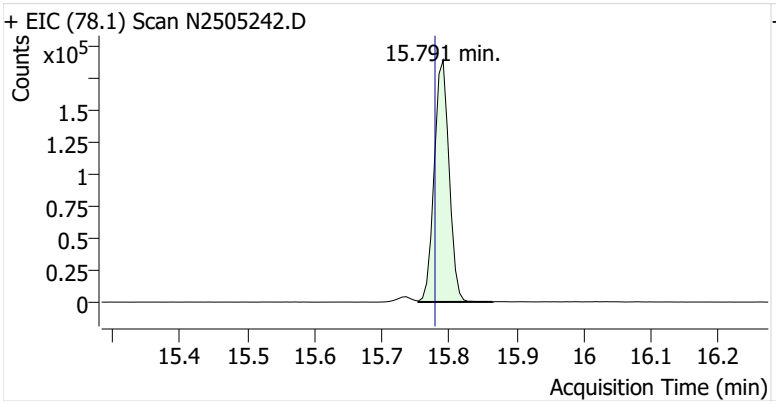
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	841,898	
Benzene	Benzene-d6 (IS)	15.791	15.779	291,122	
Toluene-d8 (IS)		18.299	18.287	1,211,219	
Toluene	Toluene-d8 (IS)	18.385	18.373	331,933	
Ethylbenzene	Toluene-d8 (IS)	20.434	20.422	55,802	
m-/p-Xylenes	Toluene-d8 (IS)	20.599	20.587	164,431	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	64,448	

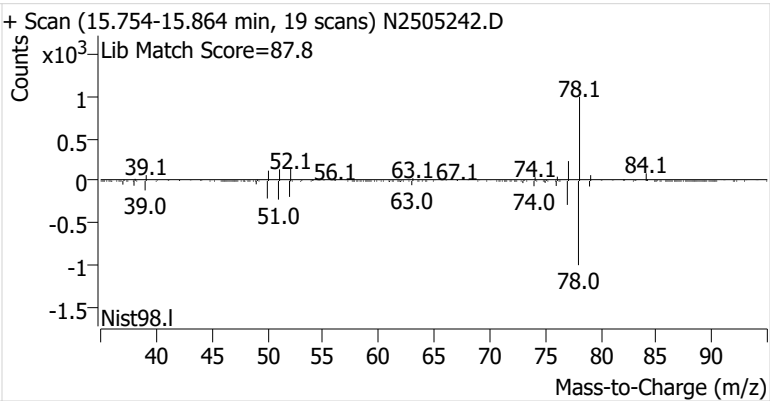
Benzene-d6 (IS)



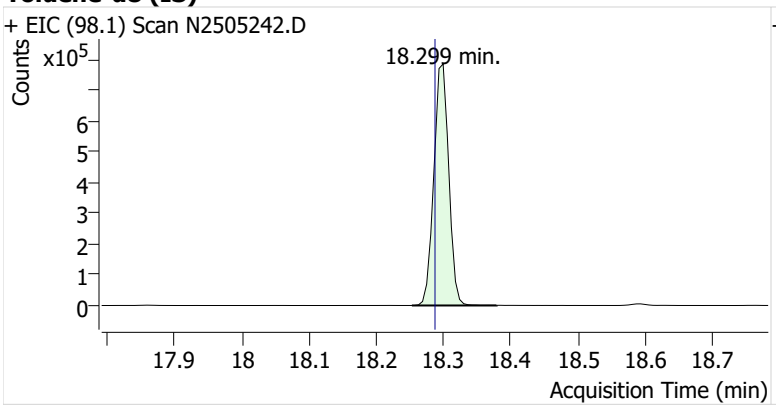


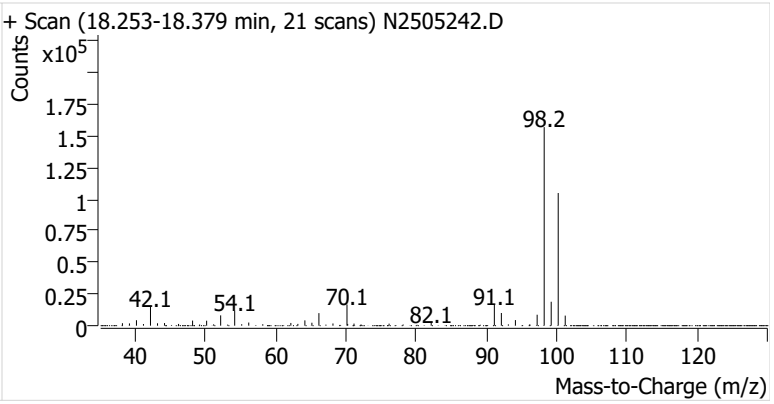
Benzene



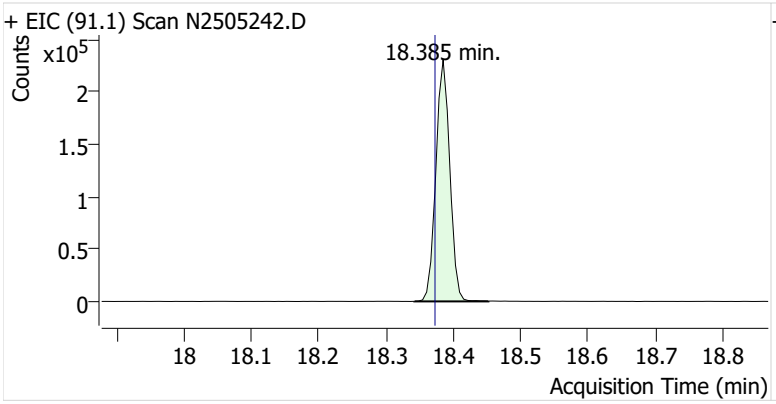


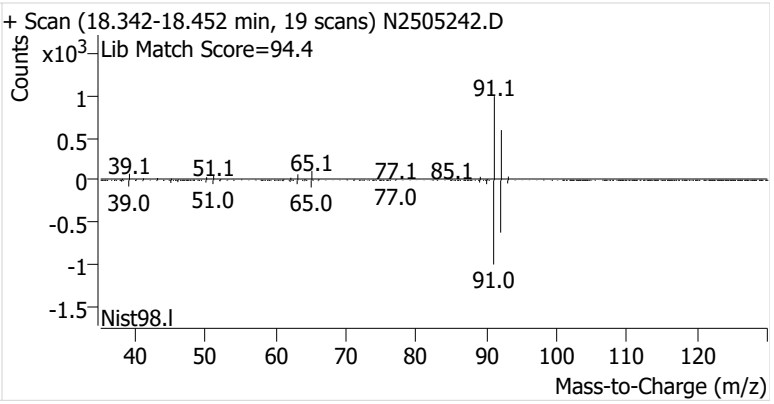
Toluene-d8 (IS)



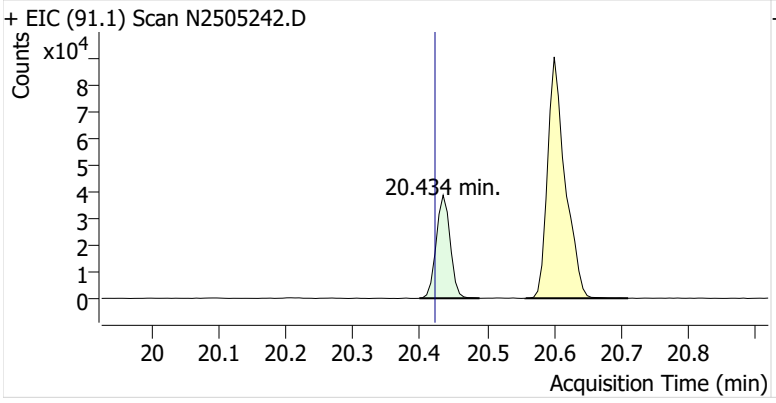


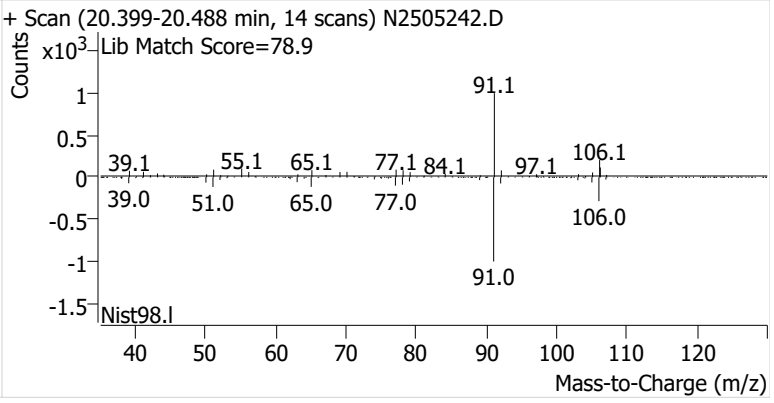
Toluene



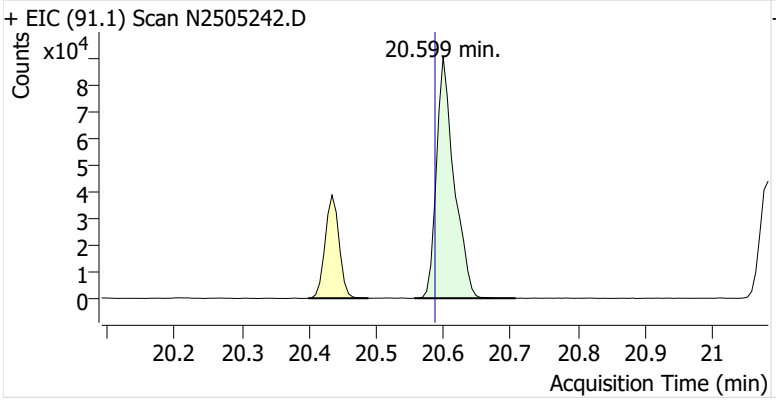


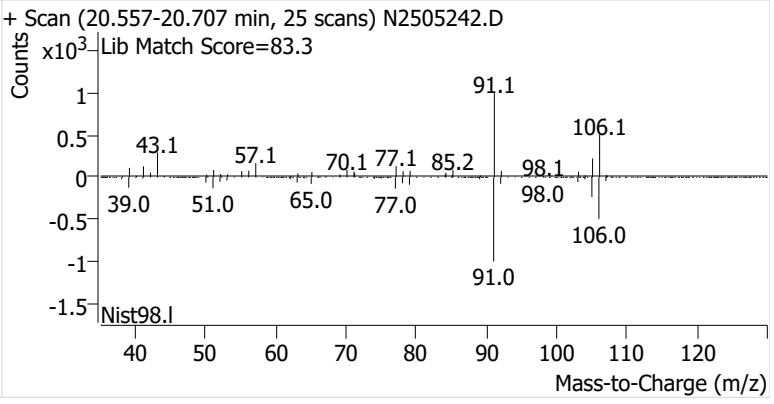
Ethylbenzene



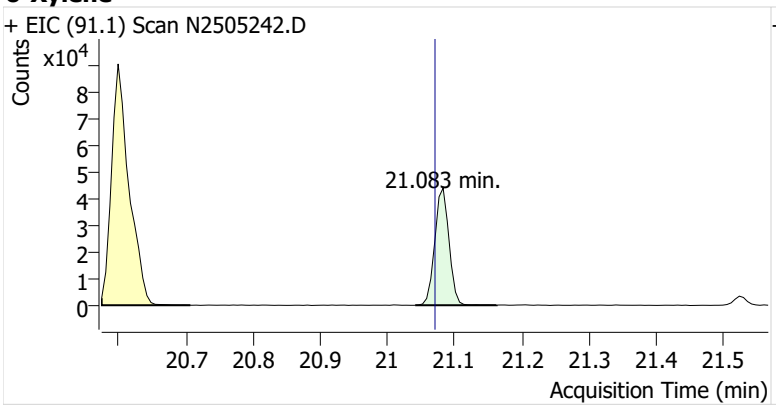


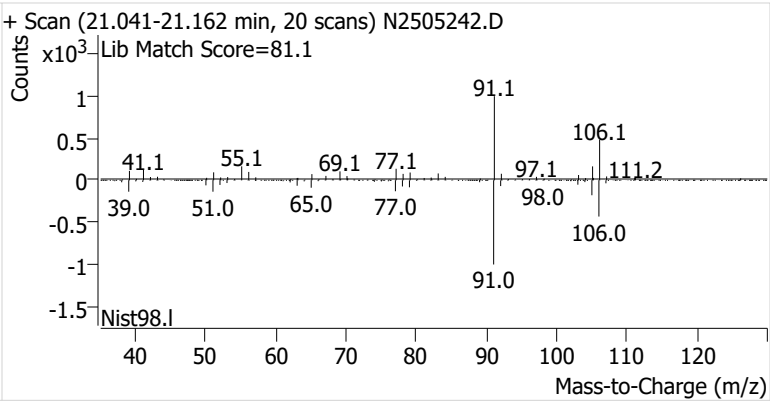
m-/p-Xylenes





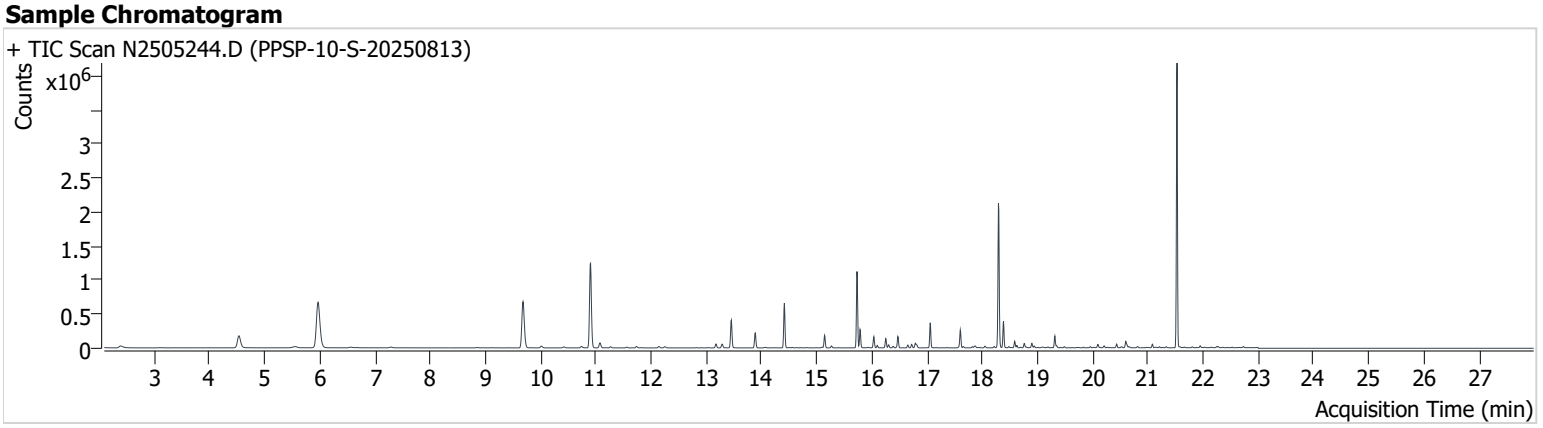
o-Xylene


+ EIC (91.1) Scan N2505242.D
Counts
x10^4
8
7
6
5
4
3
2
1
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.041-21.162 min, 20 scans) N2505242.D
Counts
x10^3
Lib Match Score=81.1
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
69.1
77.1
97.1
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

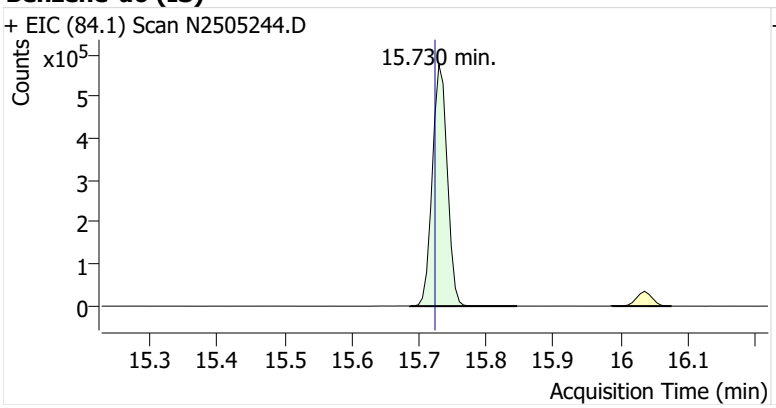
Name	PPSP-10-S-20250813
Comment	C01753
Data File	N2505244.D
Acq. Date-Time	9/4/2025 3:44:27 AM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

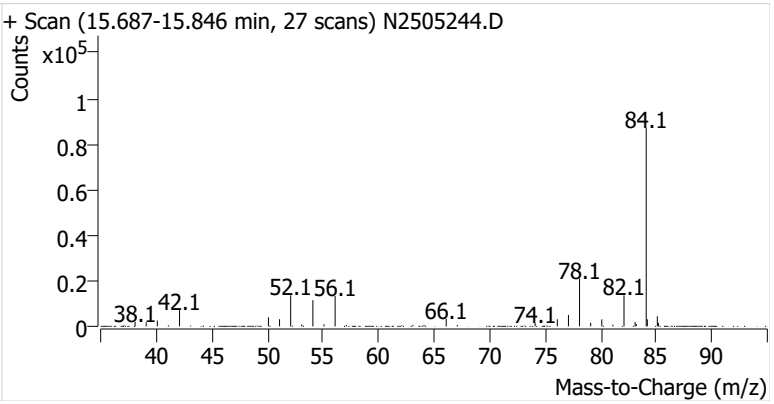
Sample Chromatogram



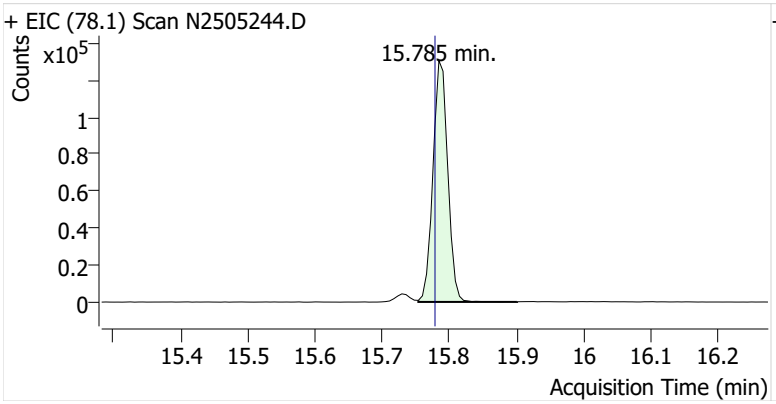
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	893,170	
Benzene	Benzene-d6 (IS)	15.785	15.779	200,058	
Toluene-d8 (IS)		18.293	18.287	1,265,660	
Toluene	Toluene-d8 (IS)	18.385	18.373	234,287	
Ethylbenzene	Toluene-d8 (IS)	20.434	20.422	33,720	
m-/p-Xylenes	Toluene-d8 (IS)	20.599	20.587	63,138	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	27,672	

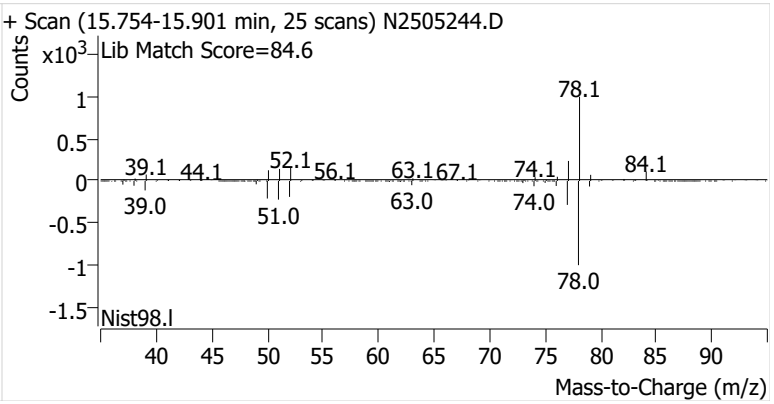
Benzene-d6 (IS)



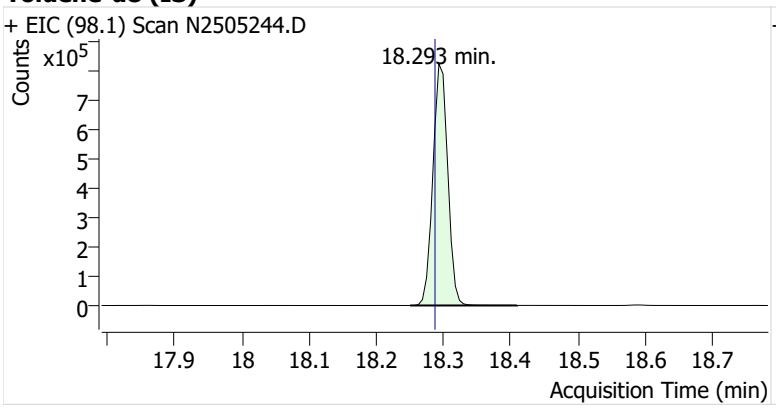


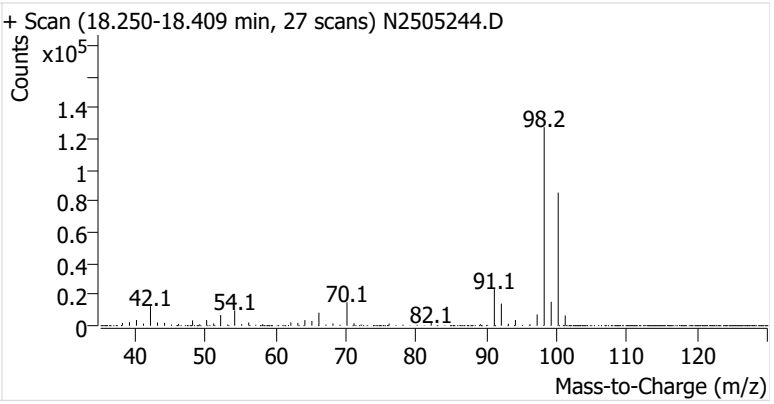
Benzene



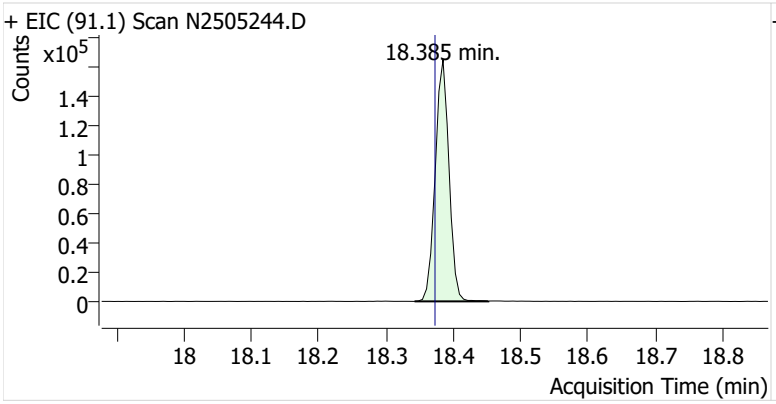


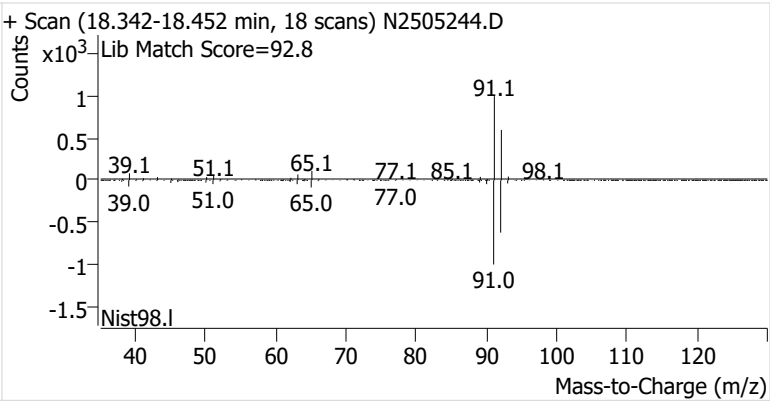
Toluene-d8 (IS)



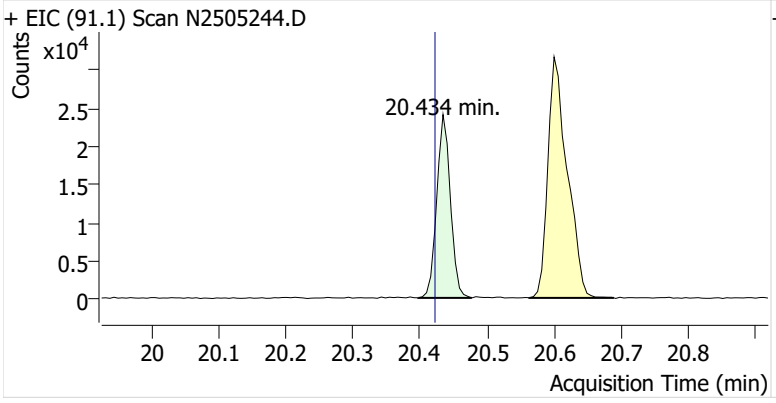


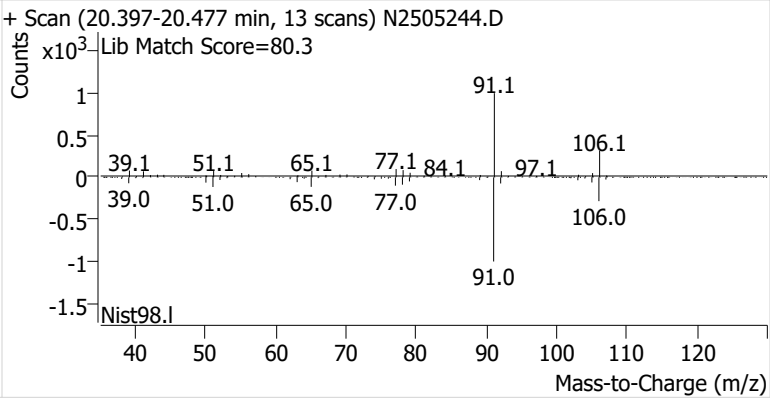
Toluene



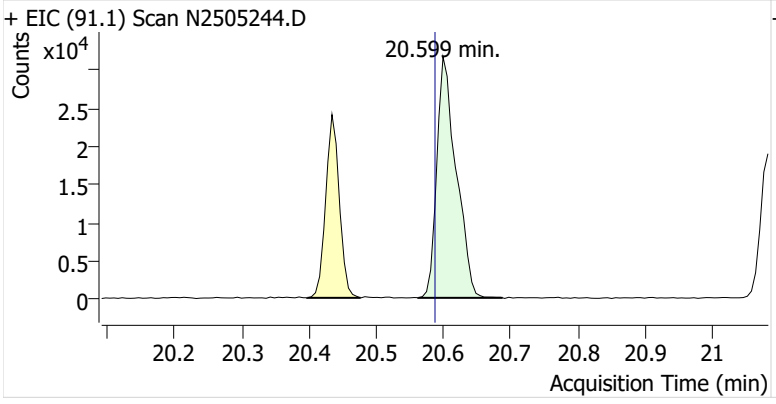


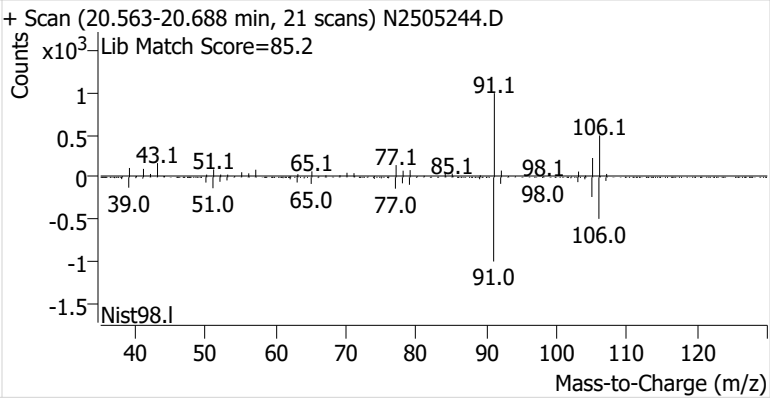
Ethylbenzene



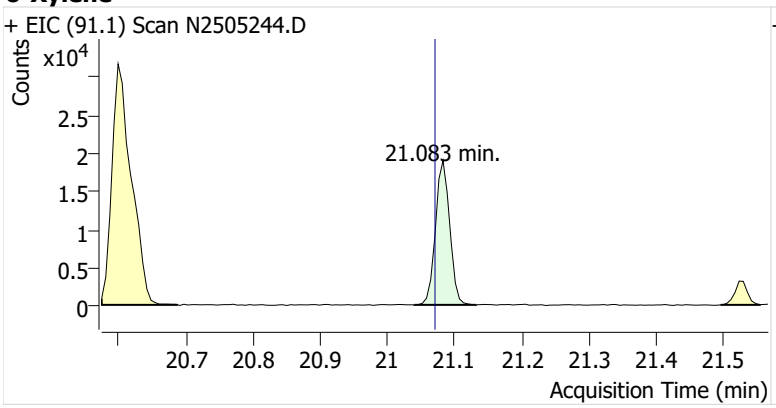


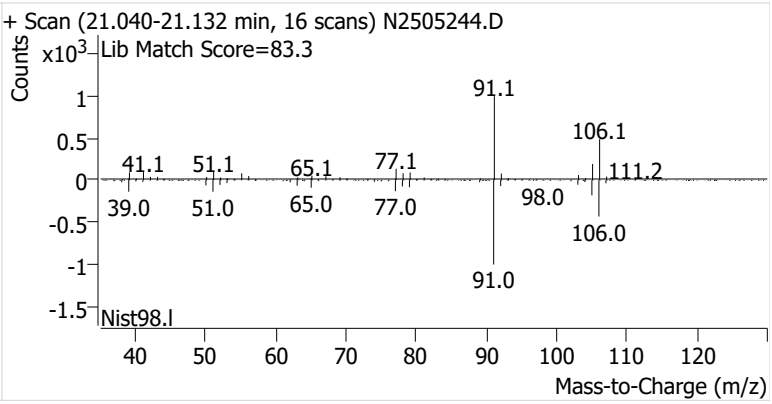
m-/p-Xylenes





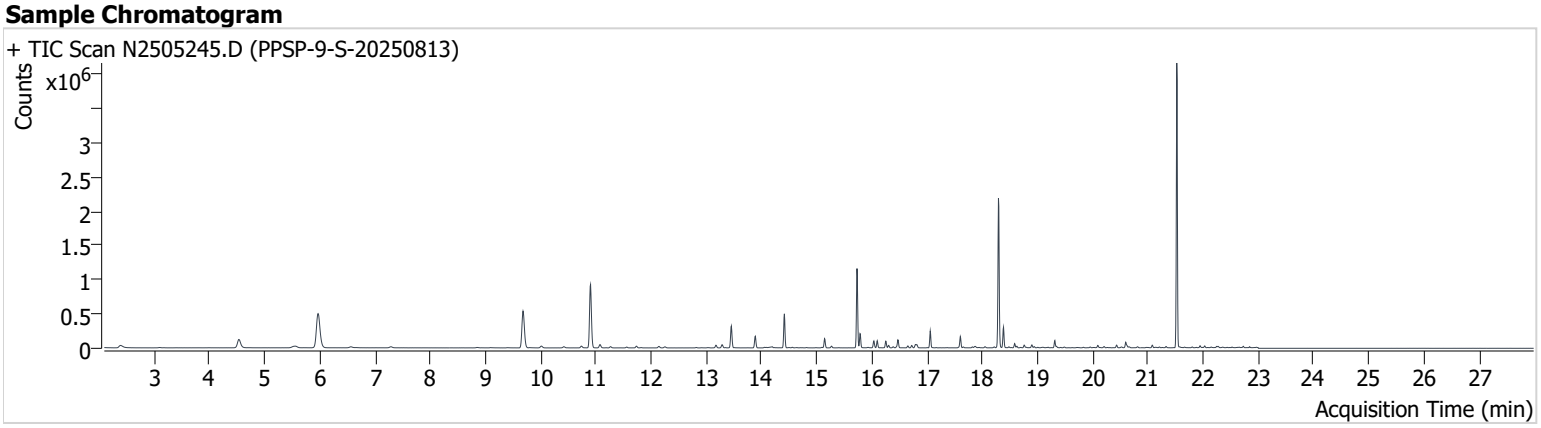
o-Xylene


+ EIC (91.1) Scan N2505244.D
Counts
x10^4
2.5
2
1.5
1
0.5
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.040-21.132 min, 16 scans) N2505244.D
Lib Match Score=83.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
51.1
65.1
77.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

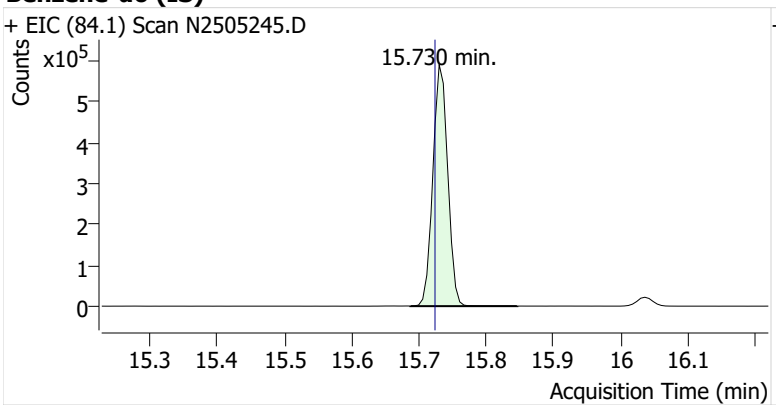
Name	PPSP-9-S-20250813
Comment	C53601
Data File	N2505245.D
Acq. Date-Time	9/4/2025 4:24:23 AM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

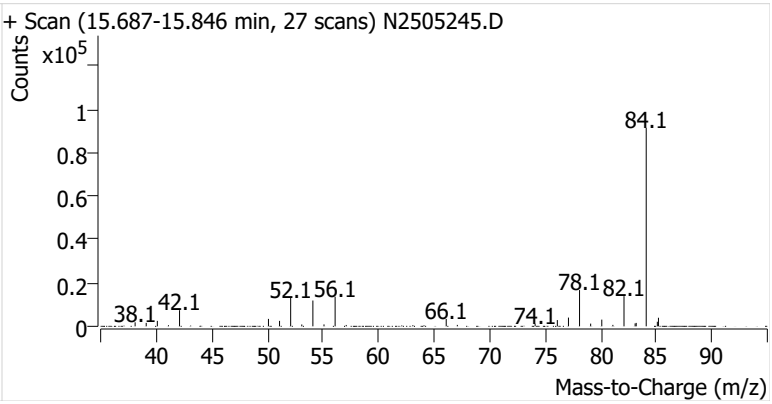
Sample Chromatogram



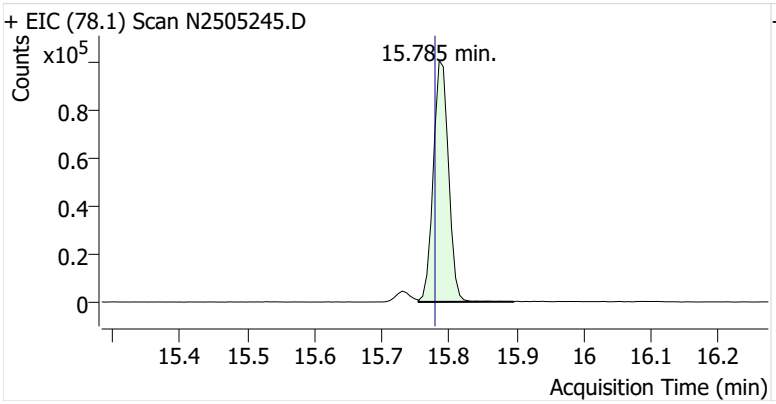
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	907,209	
Benzene	Benzene-d6 (IS)	15.785	15.779	157,909	
Toluene-d8 (IS)		18.293	18.287	1,282,452	
Toluene	Toluene-d8 (IS)	18.385	18.373	183,378	
Ethylbenzene	Toluene-d8 (IS)	20.435	20.422	24,117	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	53,182	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	20,193	

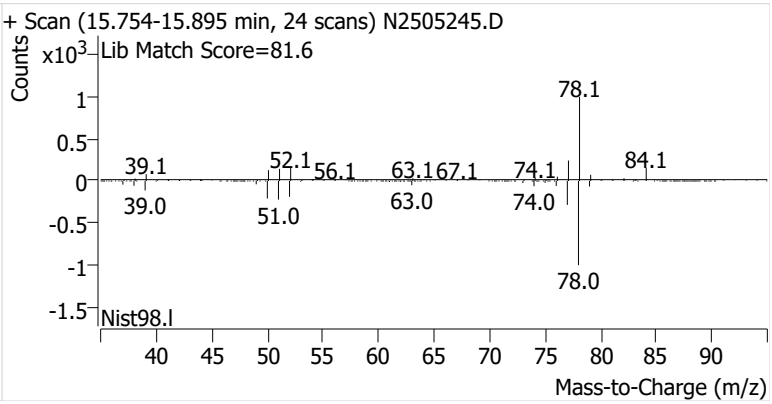
Benzene-d6 (IS)



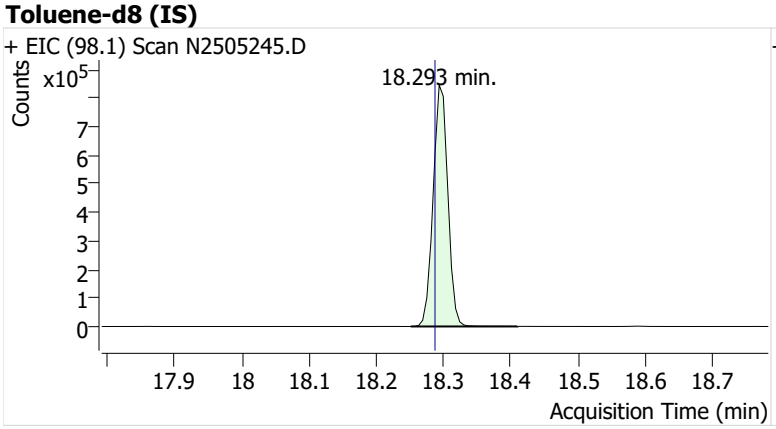


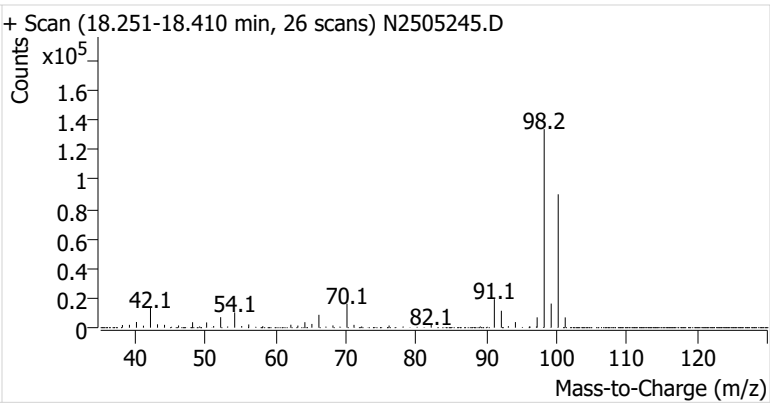
Benzene



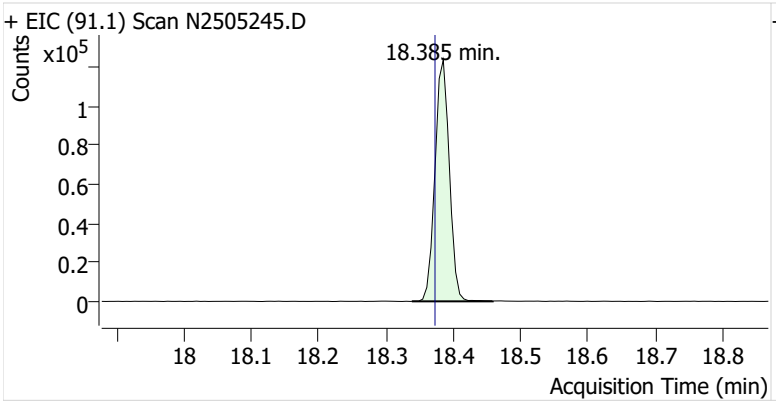


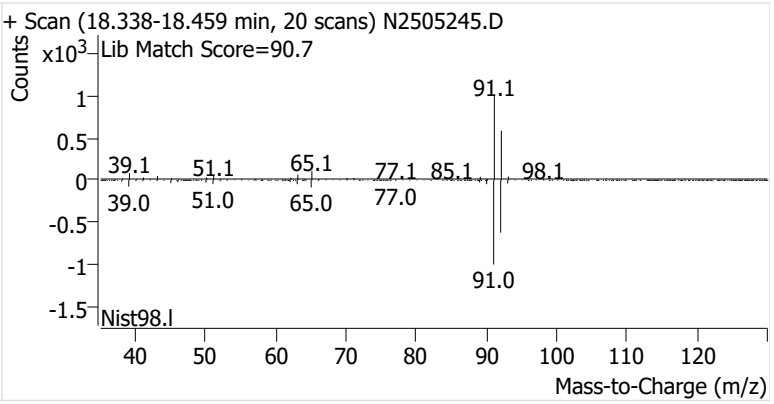
Toluene-d8 (IS)



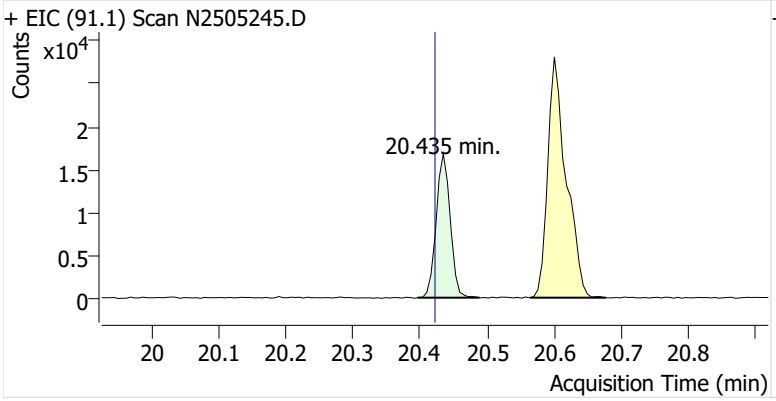


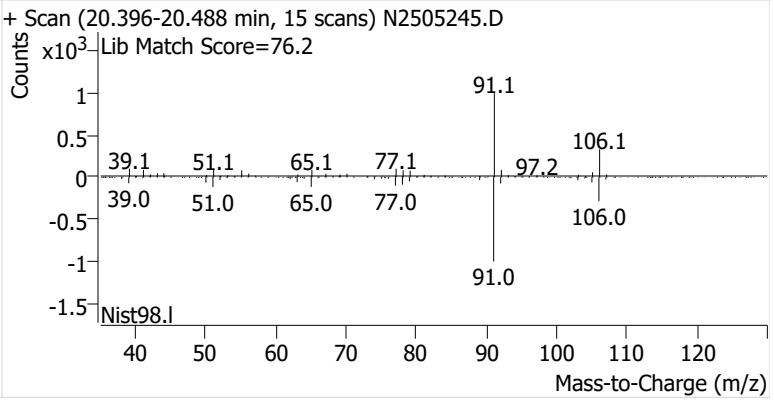
Toluene



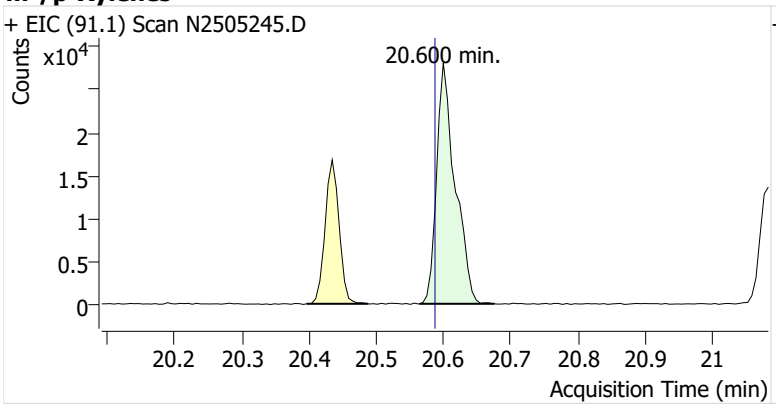


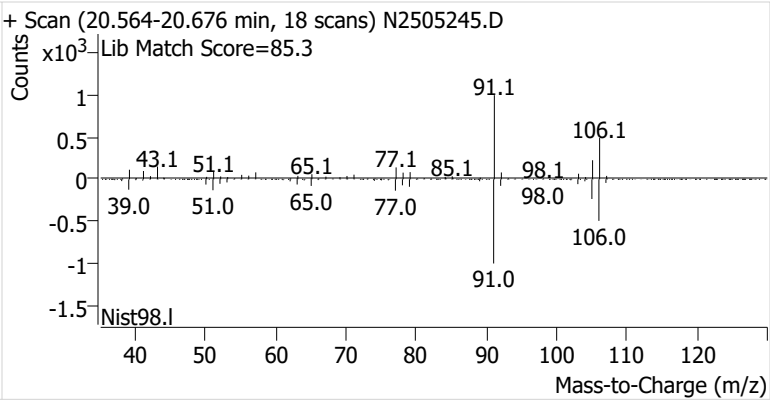
Ethylbenzene



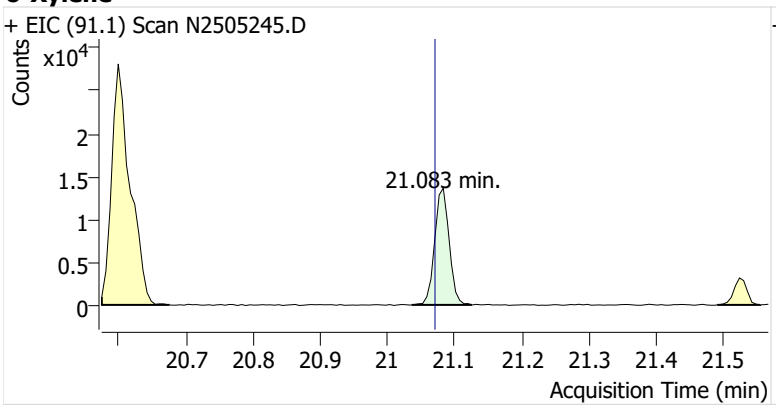


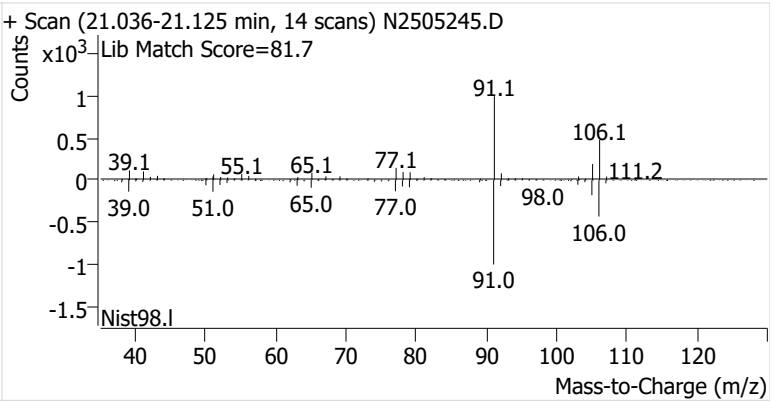
m-/p-Xylenes





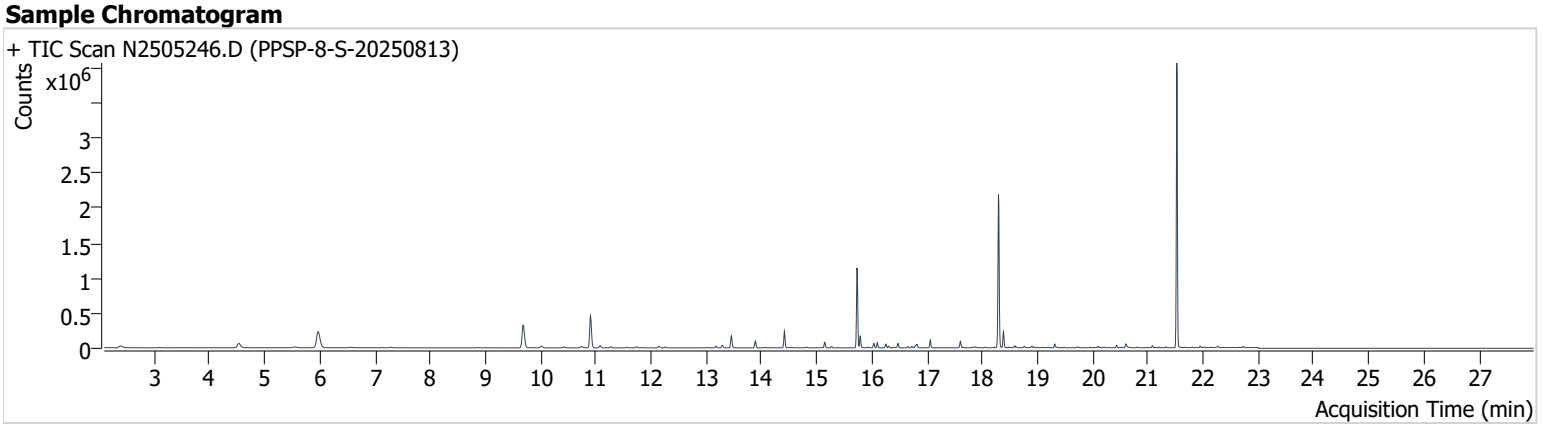
o-Xylene


+ EIC (91.1) Scan N2505245.D
Counts
x10^4
2
1.5
1
0.5
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.036-21.125 min, 14 scans) N2505245.D
Lib Match Score=81.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
65.1
77.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

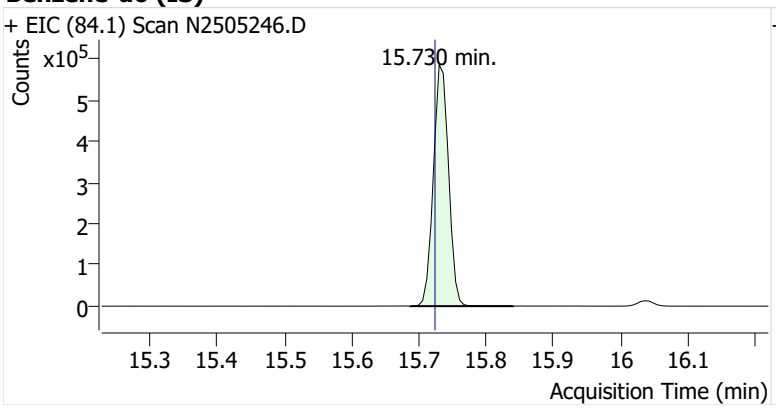
Name	PPSP-8-S-20250813
Comment	B10489
Data File	N2505246.D
Acq. Date-Time	9/4/2025 5:04:18 AM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

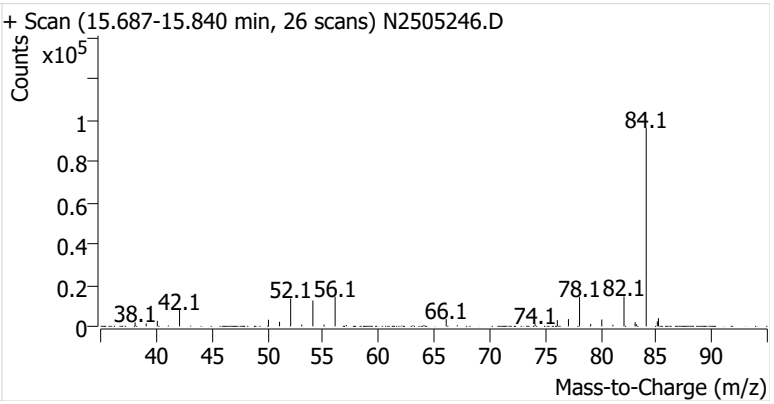
Sample Chromatogram



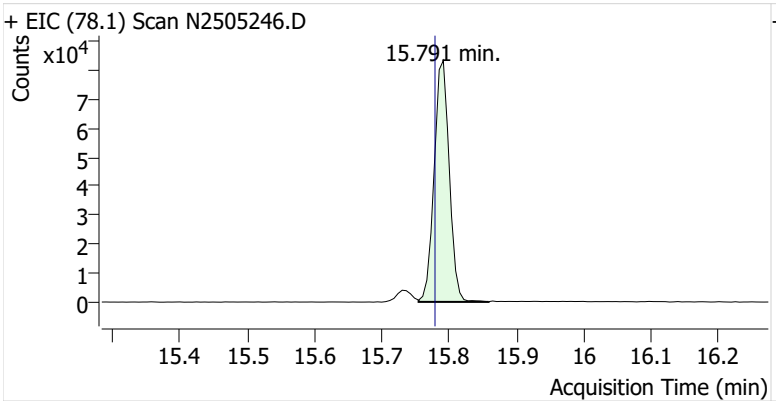
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	920,253	
Benzene	Benzene-d6 (IS)	15.791	15.779	129,848	
Toluene-d8 (IS)		18.293	18.287	1,287,356	
Toluene	Toluene-d8 (IS)	18.385	18.373	136,264	
Ethylbenzene	Toluene-d8 (IS)	20.435	20.422	20,595	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	36,648	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	15,292	

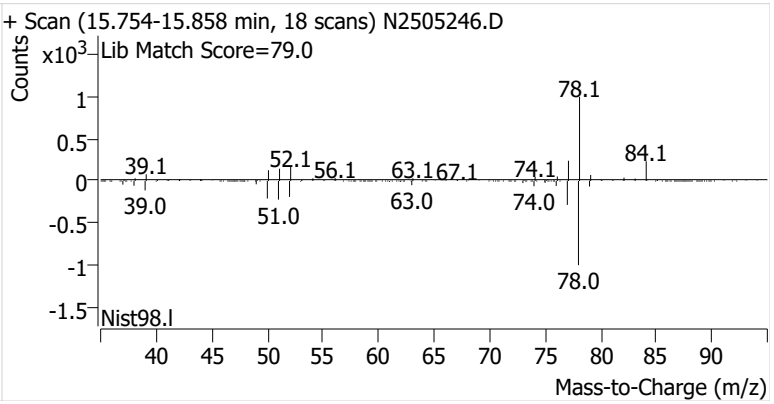
Benzene-d6 (IS)



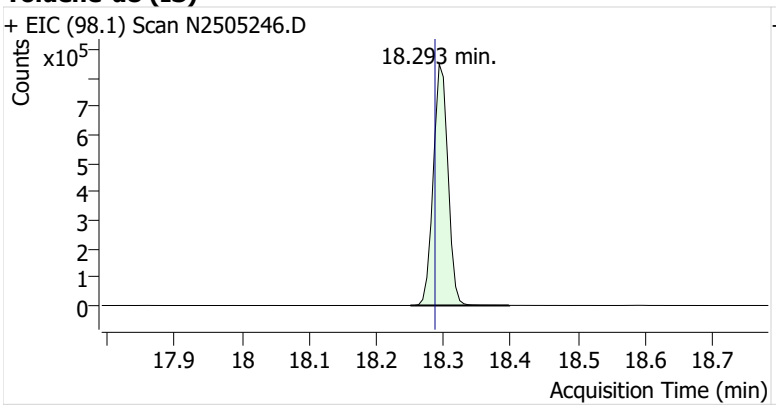


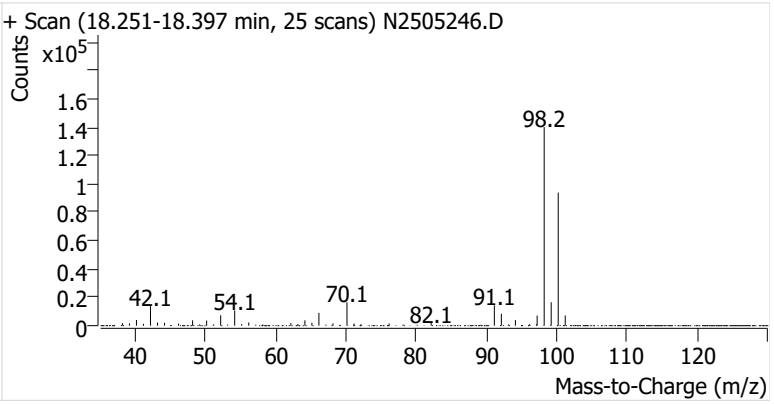
Benzene



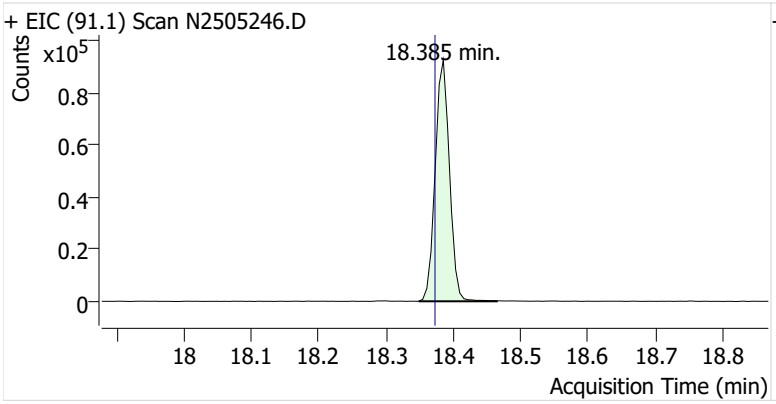


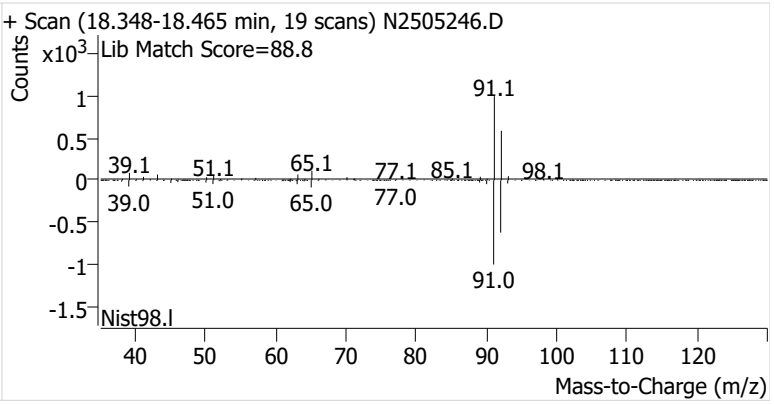
Toluene-d8 (IS)



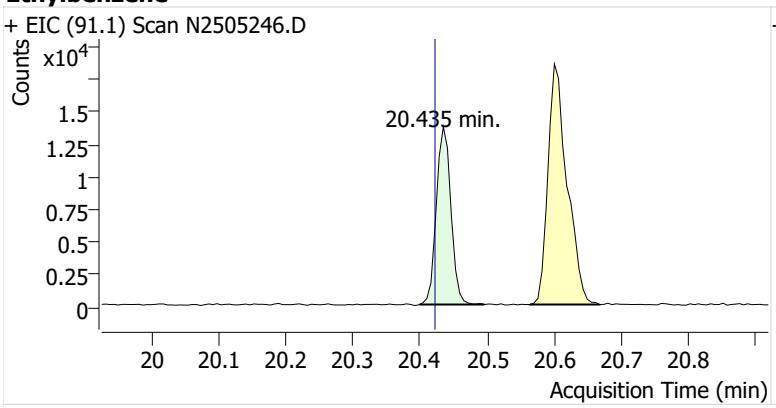


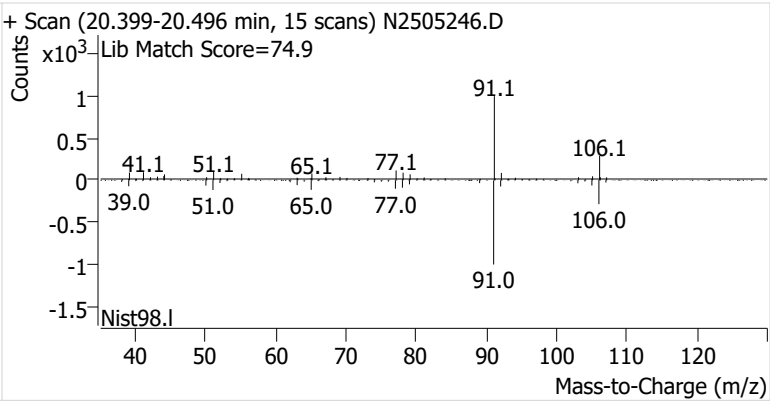
Toluene



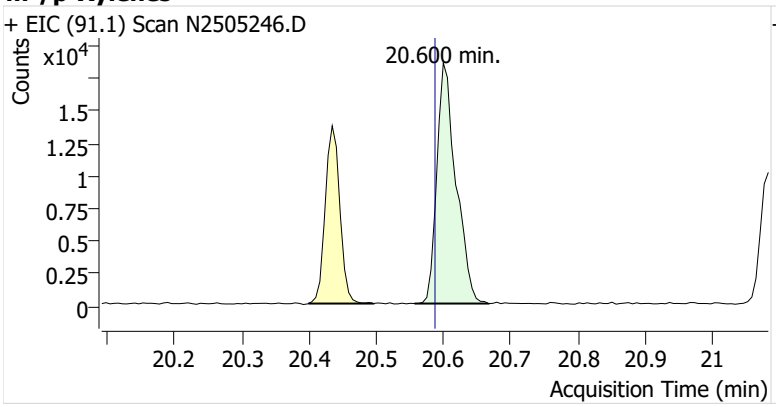


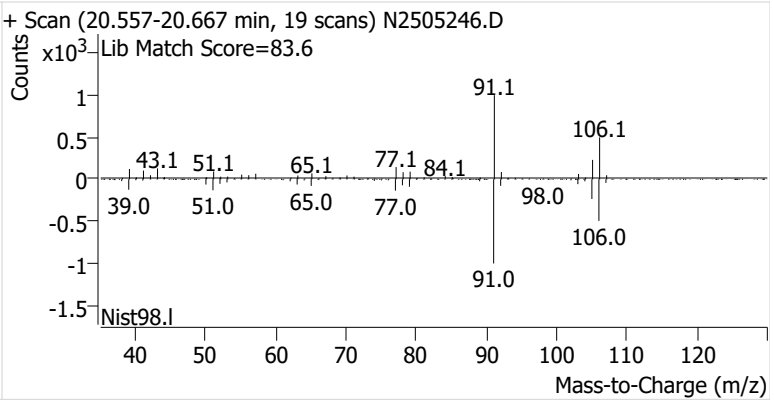
Ethylbenzene



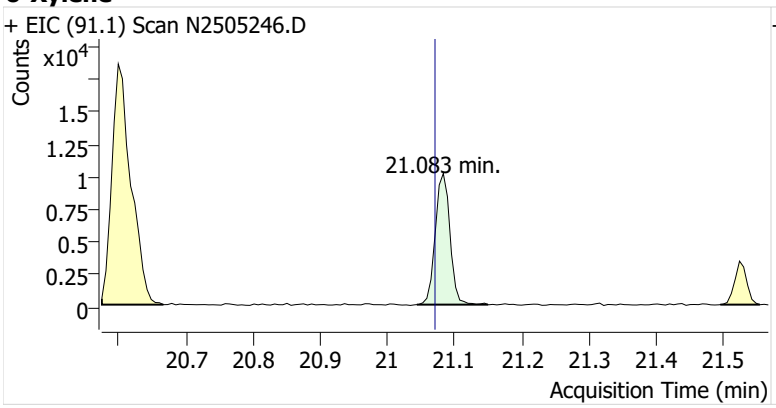


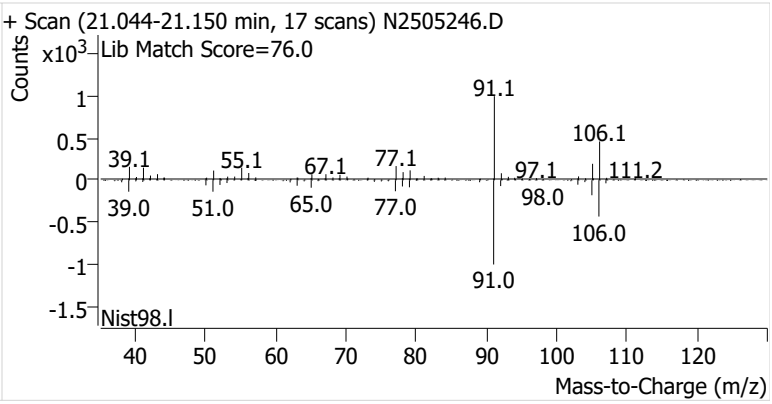
m-/p-Xylenes





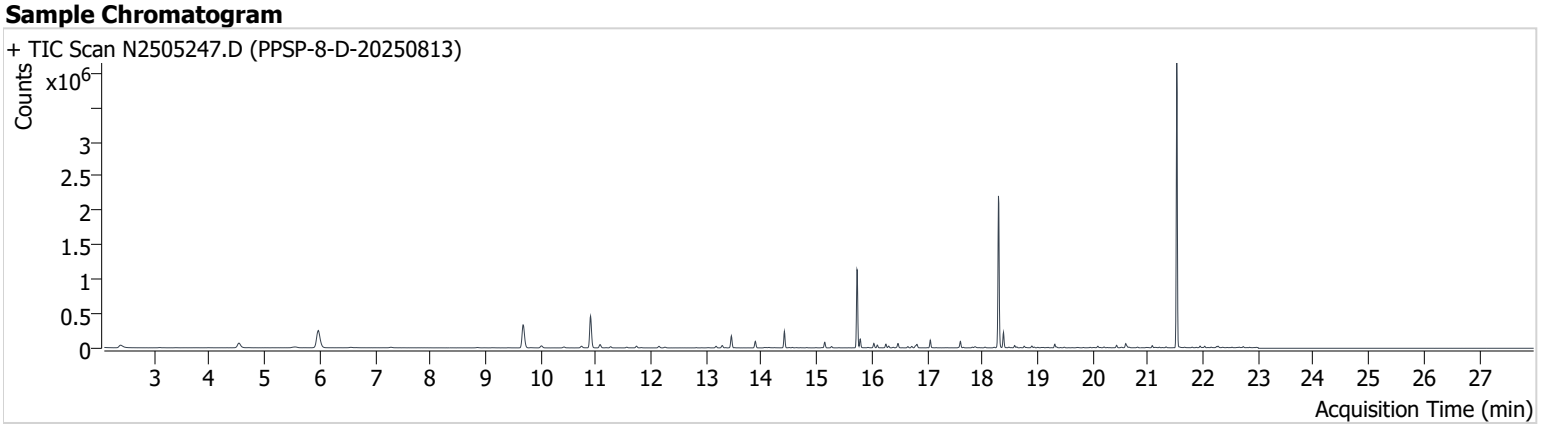
o-Xylene


+ EIC (91.1) Scan N2505246.D
Counts
x10^4
1.5
1.25
1
0.75
0.5
0.25
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.044-21.150 min, 17 scans) N2505246.D
Lib Match Score=76.0
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
55.1
67.1
77.1
97.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

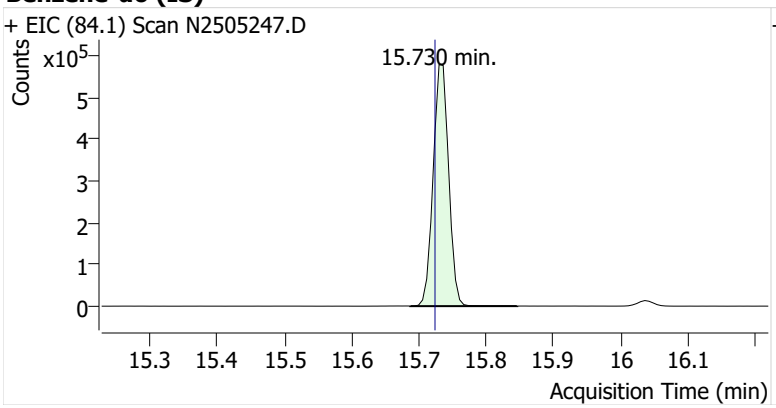
Name	PPSP-8-D-20250813
Comment	B52669
Data File	N2505247.D
Acq. Date-Time	9/4/2025 5:44:11 AM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

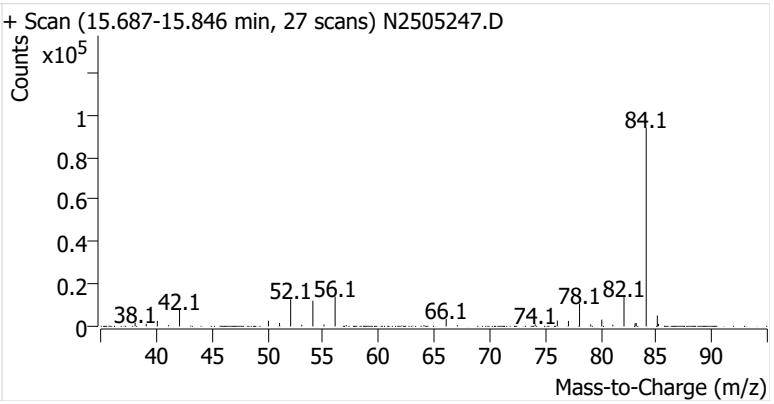
Sample Chromatogram



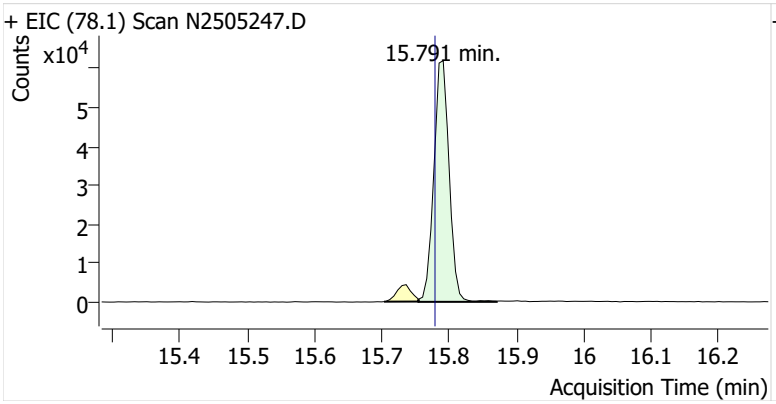
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	930,803	
Benzene	Benzene-d6 (IS)	15.791	15.779	98,126	
Toluene-d8 (IS)		18.293	18.287	1,301,398	
Toluene	Toluene-d8 (IS)	18.385	18.373	132,288	
Ethylbenzene	Toluene-d8 (IS)	20.434	20.422	21,938	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	41,632	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	16,189	

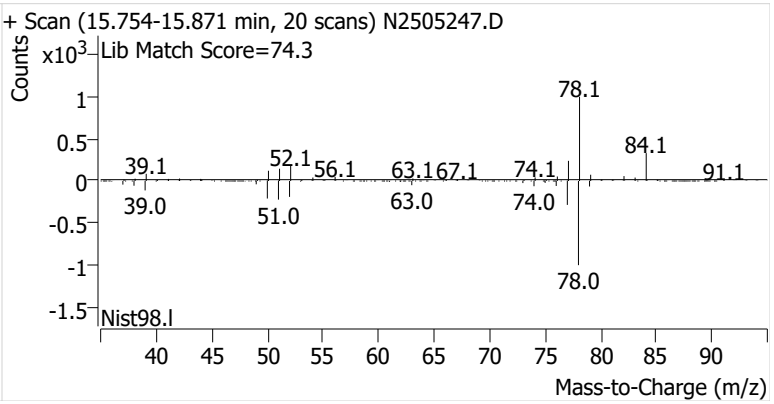
Benzene-d6 (IS)



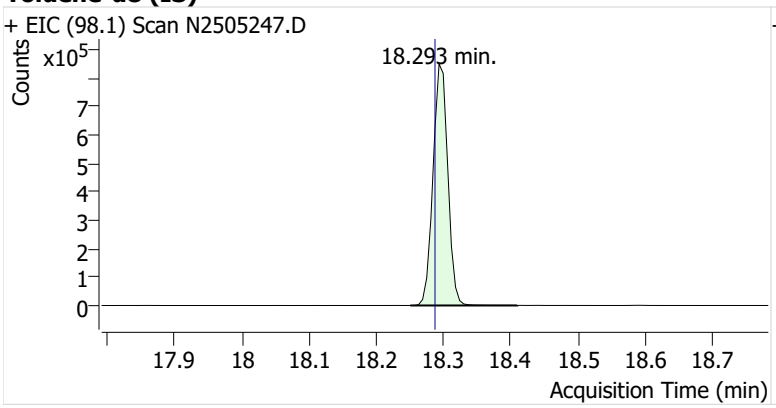


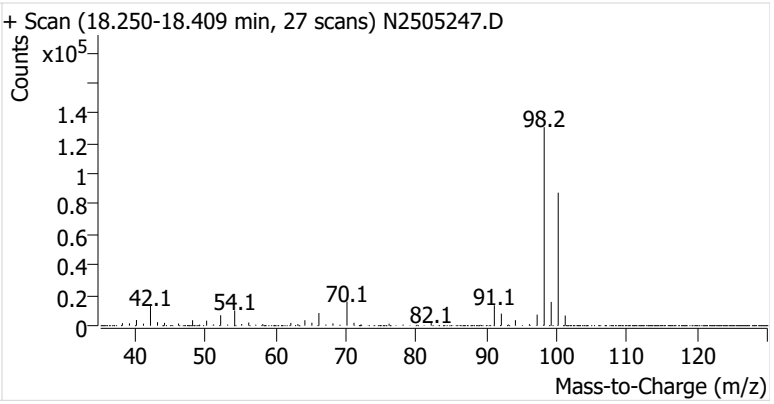
Benzene



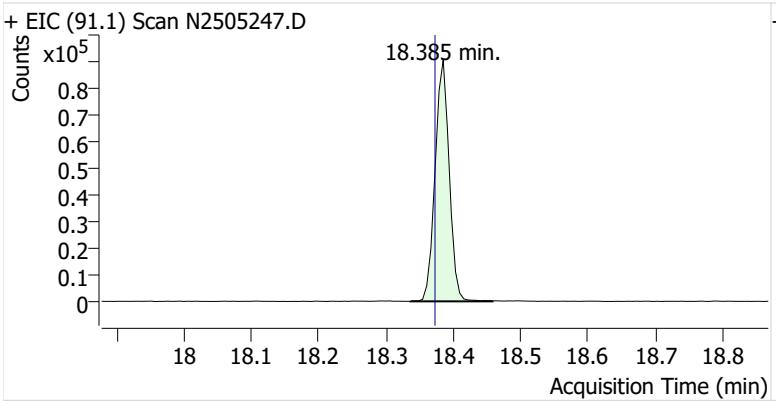


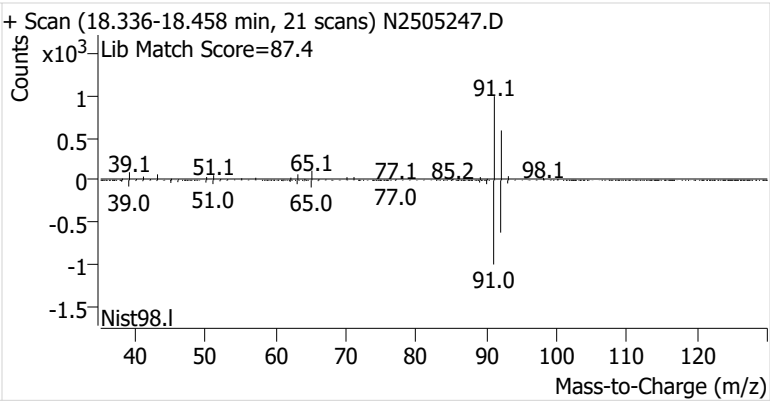
Toluene-d8 (IS)



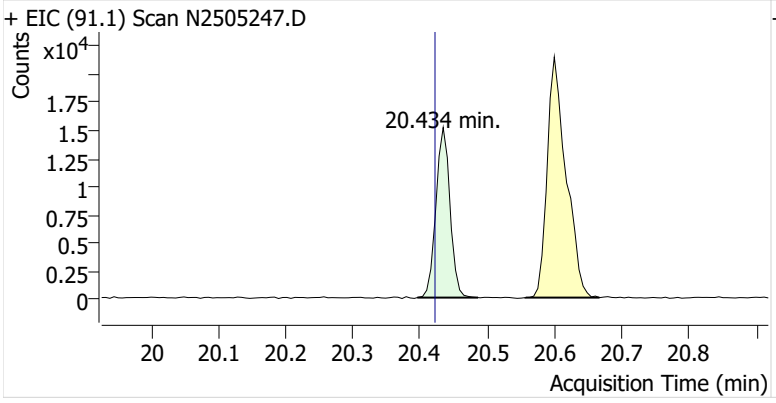


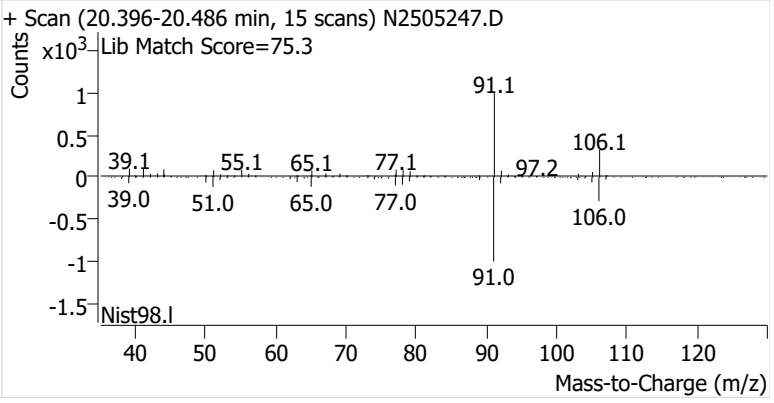
Toluene



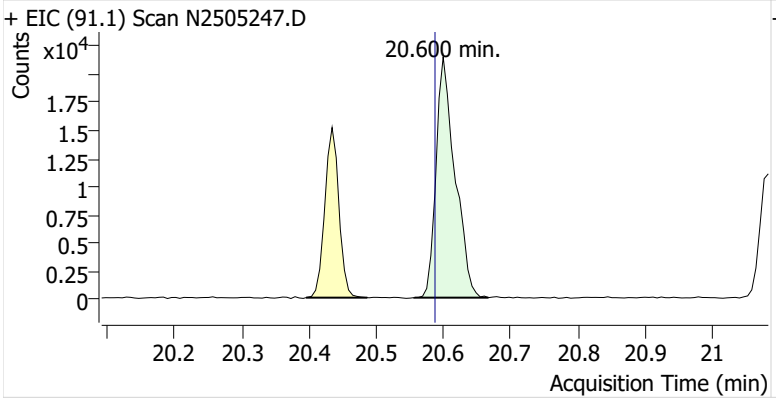


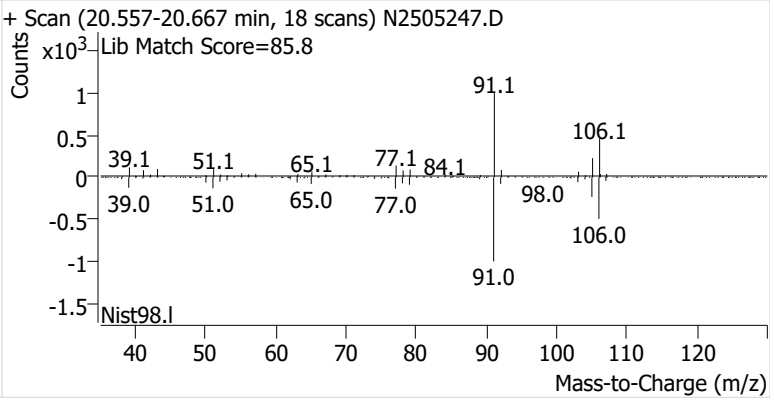
Ethylbenzene



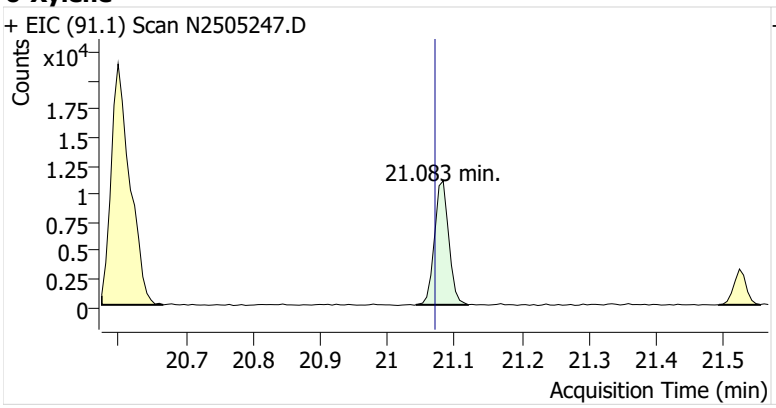


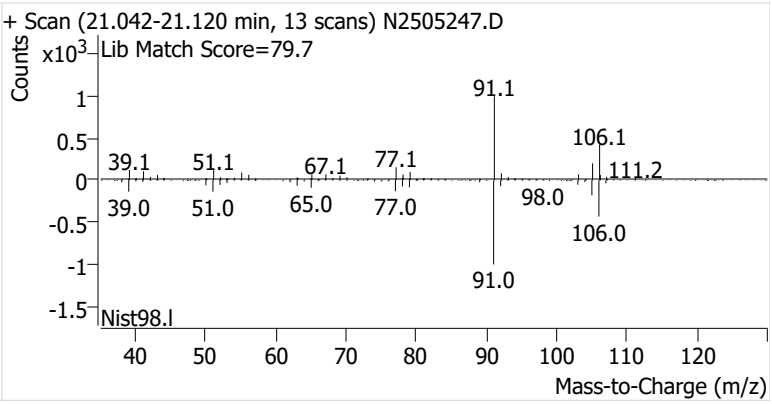
m-/p-Xylenes





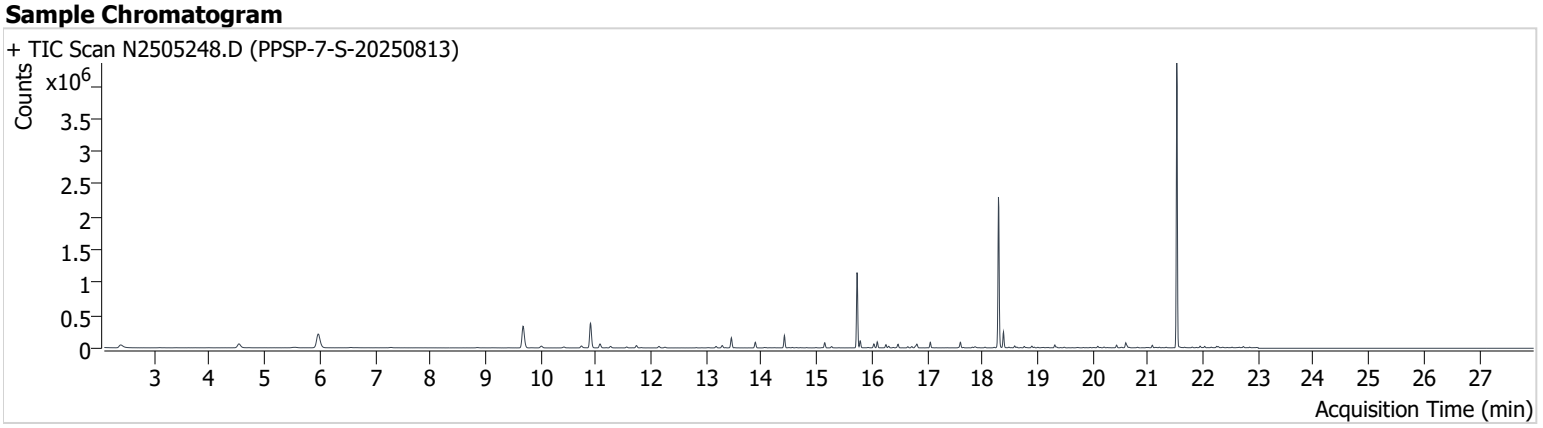
o-Xylene


+ EIC (91.1) Scan N2505247.D
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.042-21.120 min, 13 scans) N2505247.D
Lib Match Score=79.7
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
67.1
77.1
111.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

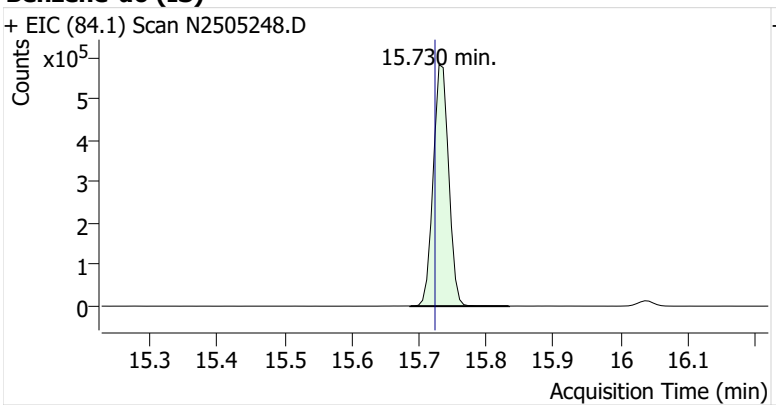
Name	PPSP-7-S-20250813
Comment	B19767
Data File	N2505248.D
Acq. Date-Time	9/4/2025 6:24:29 AM
Acq. Method File	m325B-td-cryo9
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

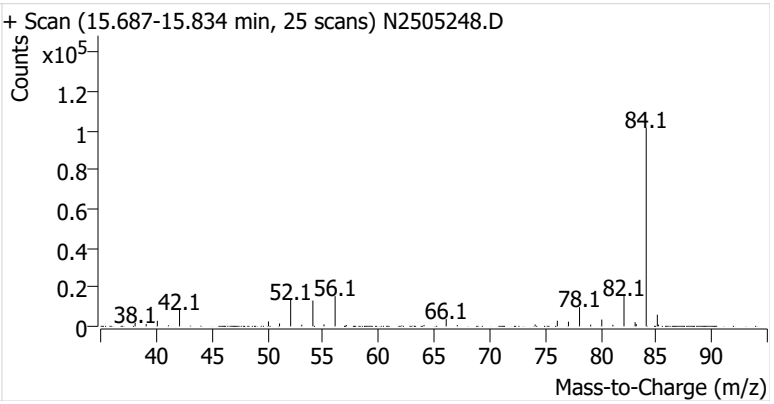
Sample Chromatogram



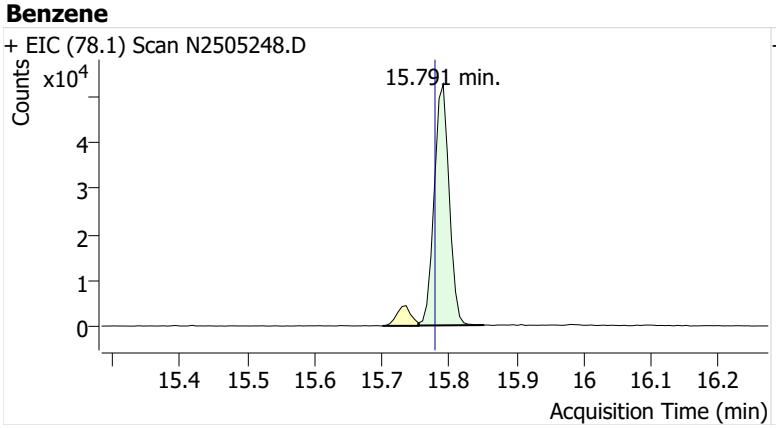
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
Benzene-d6 (IS)		15.730	15.724	931,268	
Benzene	Benzene-d6 (IS)	15.791	15.779	81,361	
Toluene-d8 (IS)		18.293	18.287	1,333,946	
Toluene	Toluene-d8 (IS)	18.385	18.373	141,155	
Ethylbenzene	Toluene-d8 (IS)	20.434	20.422	25,875	
m-/p-Xylenes	Toluene-d8 (IS)	20.600	20.587	53,709	
o-Xylene	Toluene-d8 (IS)	21.083	21.071	20,708	

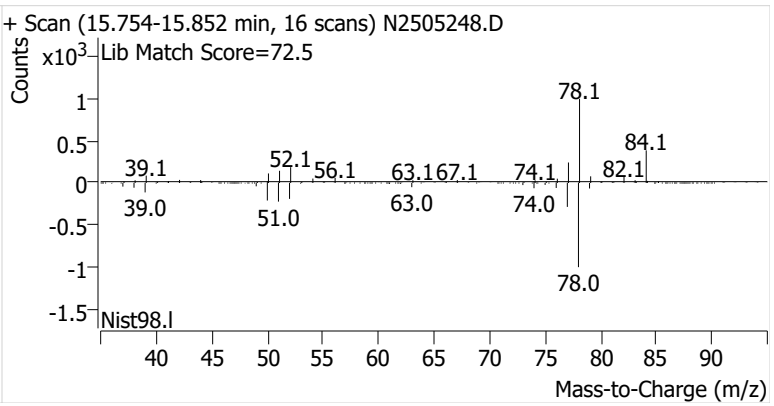
Benzene-d6 (IS)



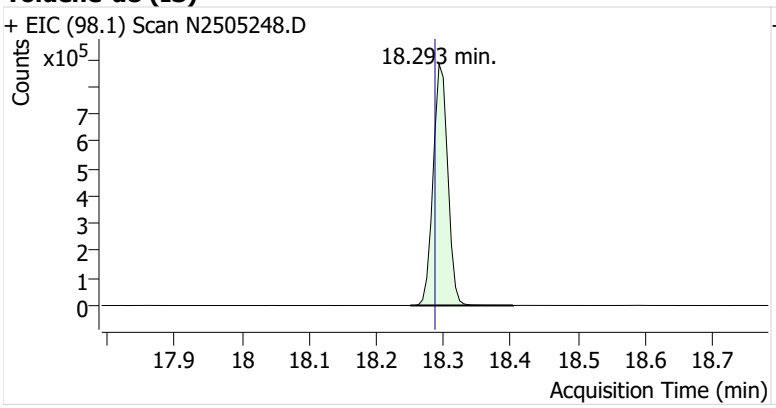


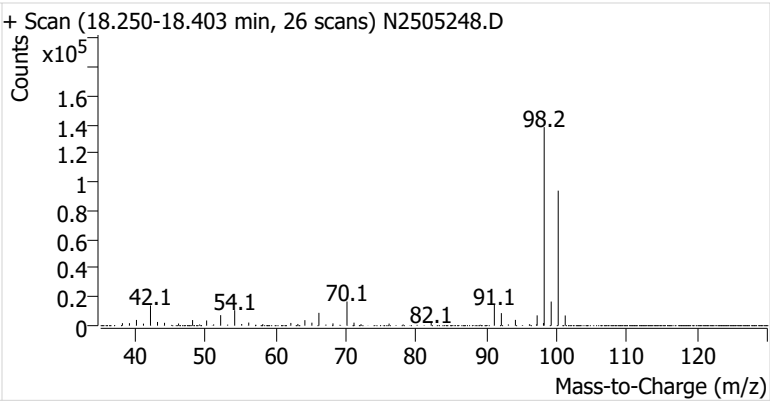
Benzene



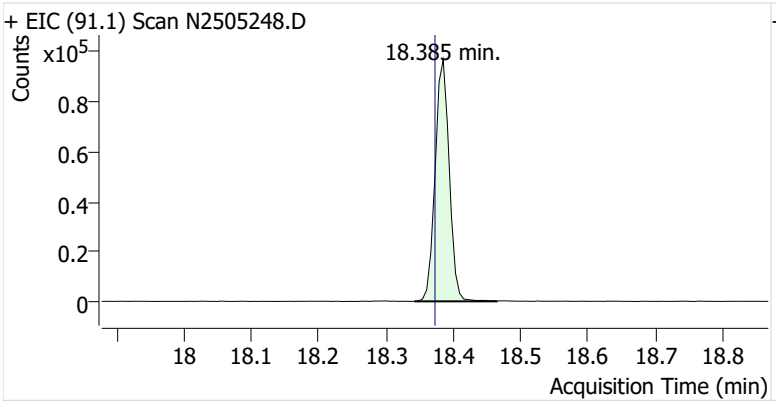


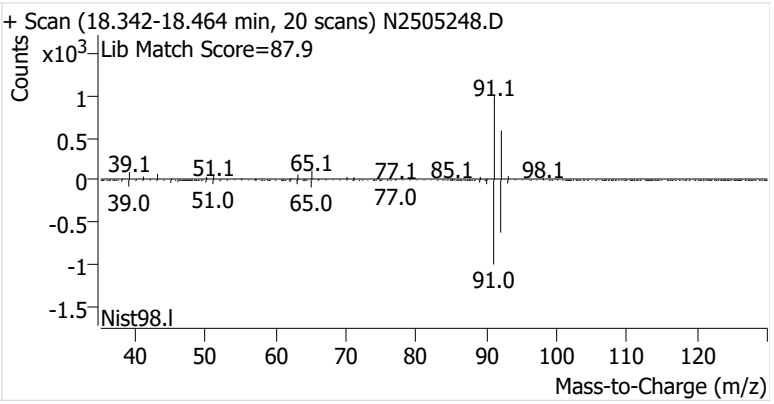
Toluene-d8 (IS)



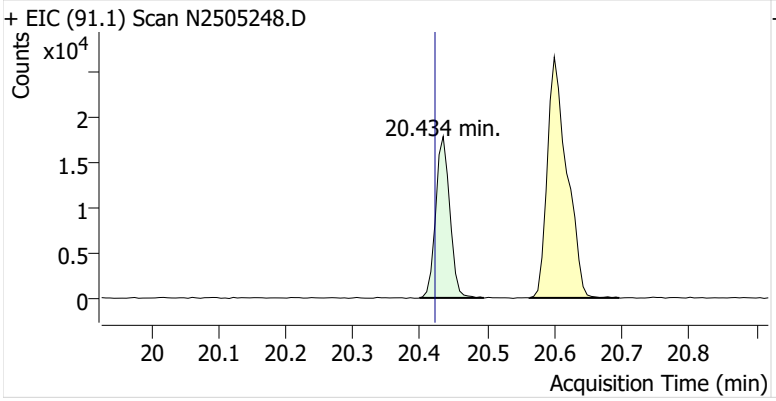


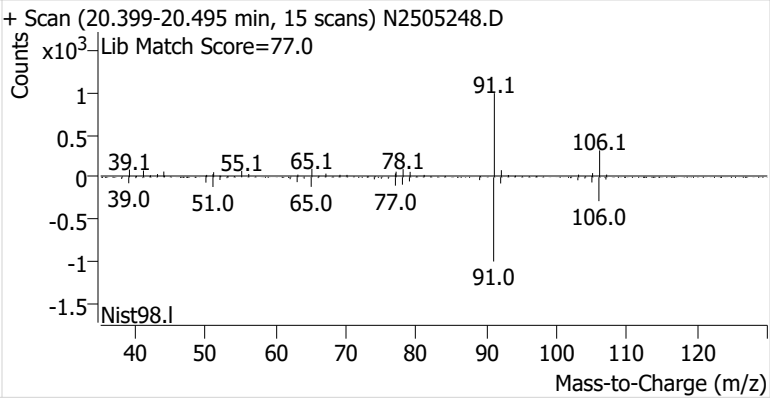
Toluene



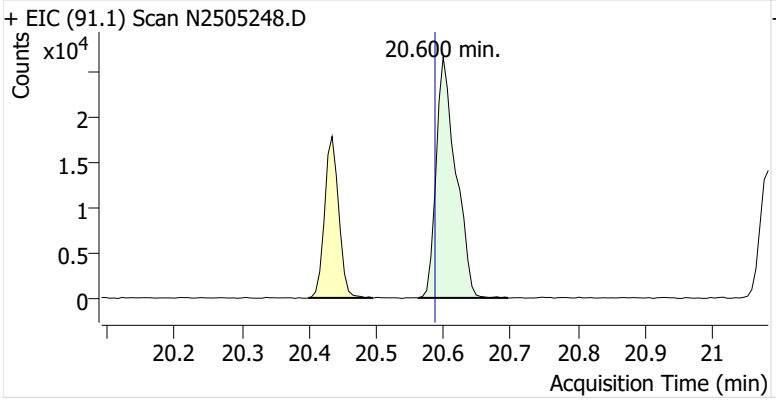


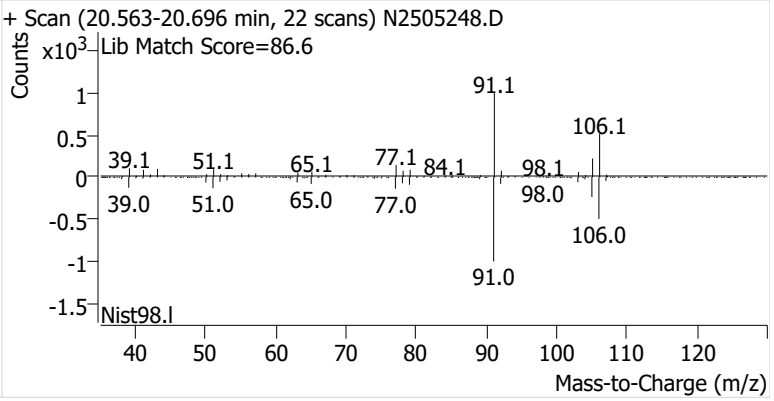
Ethylbenzene



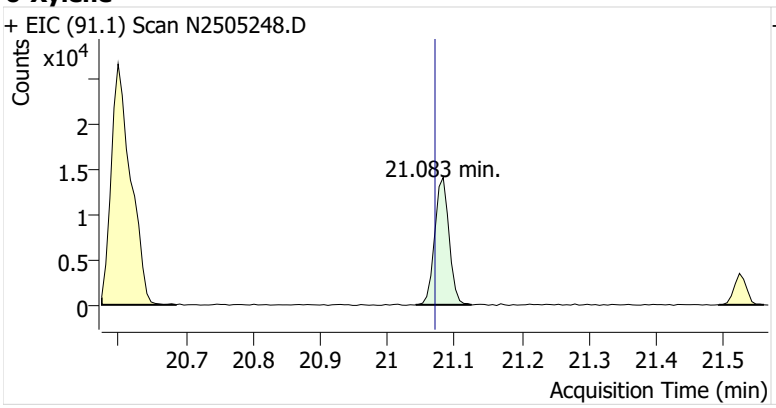


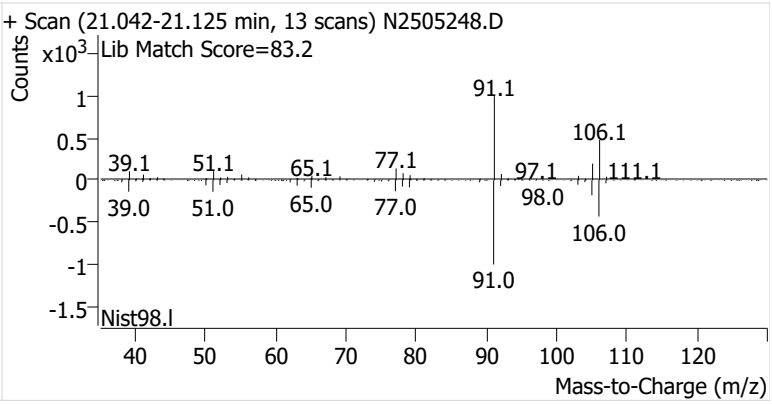
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan N2505248.D
Counts
x10^4
2
1.5
1
0.5
0
21.083 min.
20.7
20.8
20.9
21
21.1
21.2
21.3
21.4
21.5
Acquisition Time (min)


+ Scan (21.042-21.125 min, 13 scans) N2505248.D
Counts
x10^3
Lib Match Score=83.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
39.1
51.1
65.1
77.1
97.1
111.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Initial Calibration

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW305-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
N081125A_CC185154_Cryo	Benzene	1	N2504770.D	6.02	89784	92.1	962358	1.427	0.2
N081125A_CC185154_Cryo	Benzene	2	N2504771.D	12.03	135255	92.1	946022	1.094	-0.084
N081125A_CC185154_Cryo	Benzene	3	N2504772.D	24.07	247472	92.1	895231	1.057	-0.11
N081125A_CC185154_Cryo	Benzene	4	N2504773.D	48.14	507233	92.1	930529	1.042	-0.13
N081125A_CC185154_Cryo	Benzene	5	N2504774.D	120.34	1233114	92.1	936219	1.008	-0.16
N081125A_CC185154_Cryo	Benzene	6	N2504775.D	240.69	3744511	92.1	934140	1.533	0.28
						Avg:	934083	1.194	
						%RSD:	2.4%	19.0%	
N081125A_CC185154_Cryo	Toluene	1	N2504770.D	5.28	95677	108.6	1480815	1.328	0.2
N081125A_CC185154_Cryo	Toluene	2	N2504771.D	10.57	151297	108.6	1472654	1.056	-0.043
N081125A_CC185154_Cryo	Toluene	3	N2504772.D	21.14	260158	108.6	1419155	0.942	-0.15
N081125A_CC185154_Cryo	Toluene	4	N2504773.D	42.28	533359	108.6	1485127	0.923	-0.16
N081125A_CC185154_Cryo	Toluene	5	N2504774.D	105.70	1197999	108.6	1470162	0.837	-0.24
N081125A_CC185154_Cryo	Toluene	6	N2504775.D	211.40	3648120	108.6	1470381	1.275	0.16
N081125A_CC185154_Cryo	Toluene	7	N2504776.D	634.19	11415296	108.6	1435785	1.362	0.23
						Avg:	1462011	1.103	
						%RSD:	1.7%	19.5%	
N081125A_CC185154_Cryo	Ethylbenzene	1	N2504770.D	5.49	96724	108.6	1480815	1.292	0.15
N081125A_CC185154_Cryo	Ethylbenzene	2	N2504771.D	10.99	178001	108.6	1472654	1.195	0.062
N081125A_CC185154_Cryo	Ethylbenzene	3	N2504772.D	21.97	300834	108.6	1419155	1.048	-0.068
N081125A_CC185154_Cryo	Ethylbenzene	4	N2504773.D	43.94	610927	108.6	1485127	1.017	-0.096
N081125A_CC185154_Cryo	Ethylbenzene	5	N2504774.D	109.85	1246490	108.6	1470162	0.838	-0.25
N081125A_CC185154_Cryo	Ethylbenzene	6	N2504775.D	219.71	3541340	108.6	1470381	1.191	0.059
N081125A_CC185154_Cryo	Ethylbenzene	7	N2504776.D	659.12	11268911	108.6	1435785	1.293	0.15
						Avg:	1462011	1.125	
						%RSD:	1.7%	14.8%	
N081125A_CC185154_Cryo	m-/p-Xylenes	1	N2504770.D	6.16	74633	108.6	1480815	0.889	0.29
N081125A_CC185154_Cryo	m-/p-Xylenes	2	N2504771.D	12.31	129664	108.6	1472654	0.777	0.13
N081125A_CC185154_Cryo	m-/p-Xylenes	3	N2504772.D	24.62	216593	108.6	1419155	0.673	-0.021
N081125A_CC185154_Cryo	m-/p-Xylenes	4	N2504773.D	49.25	455076	108.6	1485127	0.676	-0.018
N081125A_CC185154_Cryo	m-/p-Xylenes	5	N2504774.D	123.12	936299	108.6	1470162	0.562	-0.18
N081125A_CC185154_Cryo	m-/p-Xylenes	6	N2504775.D	246.23	1835150	108.6	1470381	0.551	-0.2
						Avg:	1466382	0.688	
						%RSD:	1.6%	18.8%	
N081125A_CC185154_Cryo	o-Xylene	1	N2504770.D	5.72	79103	108.6	1480815	1.014	0.25
N081125A_CC185154_Cryo	o-Xylene	2	N2504771.D	11.45	117031	108.6	1472654	0.754	-0.071
N081125A_CC185154_Cryo	o-Xylene	3	N2504772.D	22.90	216198	108.6	1419155	0.723	-0.11
N081125A_CC185154_Cryo	o-Xylene	4	N2504773.D	45.80	475148	108.6	1485127	0.759	-0.065
N081125A_CC185154_Cryo	o-Xylene	5	N2504774.D	114.50	884466	108.6	1470162	0.571	-0.3

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW305-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
N081125A_CC185154_Cryo	o-Xylene	6	N2504775.D	228.99	2597061	108.6	1470381	0.838	0.032
N081125A_CC185154_Cryo	o-Xylene	7	N2504776.D	686.97	9299033	108.6	1435785	1.024	0.26
						Avg:	1462011	0.812	
						%RSD:	1.7%	20.0%	

Calibration Curves

Method	Compound	Level	Cal File	Amount (ng)	Area	ISTD Amt (ng)	ISTD Area	RRF	Dev
N081125A_CC185154_Cryo	Benzene	ICV	N2504777.D	64.35	620780	92.1	932432	0.952	-20.0%
N081125A_CC185154_Cryo	Toluene	ICV	N2504777.D	76.75	806354	108.6	1430834	0.798	-28.0%
N081125A_CC185154_Cryo	Ethylbenzene	ICV	N2504777.D	86.40	1012613	108.6	1430834	0.890	-21.0%
N081125A_CC185154_Cryo	m-/p-Xylenes	ICV	N2504777.D	89.94	805500	108.6	1430834	0.680	-1.2%
N081125A_CC185154_Cryo	o-Xylene	ICV	N2504777.D	88.52	784954	108.6	1430834	0.673	-17.0%

M325B PDF Report ver.20250822

Sample Custody

2025FW305

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

Page # 1 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipe Line	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
6	C36946	sample	8/13/25	10:31 AM	8/27/25	10:48 AM	JB / JB		
5	C36907	sample	8/13/25	10:36 AM	8/27/25	10:54 AM	JB / JB		
4	B20666	sample	8/13/25	10:40 AM	8/27/25	10:59 AM	JB / JB		
3	C37507	sample	8/13/25	10:44 AM	8/27/25	11:03 AM	JB / JB		
2	B14117	sample	8/13/25	10:49 AM	8/27/25	11:08 AM	JB / JB		
1	B52703	sample	8/13/25	10:52 AM	8/27/25	11:11 AM	JB / JB		
1	C00813	blank	8/13/25	10:52 AM	8/27/25	11:11 AM	JB / JB		
13	C43719	sample	8/13/25	10:56 AM	8/27/25	11:16 AM	JB / JB		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Jen Bowidowicz	Jennifer Bowidowicz	9/2/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Ryn Flood	Ryn Flood	9/3/25	12 pm
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	**Delivery tracking #**
good	BTEX	Y	
Ice Temp: / **Blank Temp:** 9.2 / fluke 4		**Add Custody Seal # below:** 24609073	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

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

Page # 2 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipe Line	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #:**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
12	C01379	sample	8/13/25	11:03 AM	8/27/25	11:23 AM	JB / JB		
11	B46845	sample	8/13/25	11:11 AM	8/27/25	11:28 AM	JB / JB		
10	C01753	sample	8/13/25	11:17 AM	8/27/25	11:34 AM	JB / JB		
9	C53601	sample	8/13/25	11:20 AM	8/27/25	11:38 AM	JB / JB		
8	B10489	sample	8/13/25	11:27 AM	8/27/25	11:43 AM	JB / JB		
8	B52669	duplicate	8/13/25	11:27 AM	8/27/25	11:43 AM	JB / JB		
7	B19767	sample	8/13/25	11:31 AM	8/27/25	11:48 AM	JB / JB		

Relinquished By (printed):	**Relinquished By (signature):**	**Relinquished Date:**	**Relinquished Time:**
Jen Bowidowicz	Jennifer Bowidowicz	9/2/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Ryn Flood	Ryn Flood	9/3/25	12pm
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal Intact? Y/N:**	**Delivery tracking #**
good	BTEX	Y	
Ice Temp: / **Blank Temp:** 9.2 / Fluke 4		**Add Custody Seal # below:** 24609073	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

This Is The Last Page Of This Report.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 9/11/2025

Analytical Report
2025FW306

EPA Method 325B Analysis

Report Issue Date: 9/23/2025

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:



ENTHALPY
ANALYTICAL

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

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW306-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Enthalpy Analytical on September 11, 2025 at 14.6 °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
PPSP-6-S-20250827	B47927	Sample
PPSP-5-S-20250827	B27984	Sample
PPSP-4-S-20250827	B43696	Sample
PPSP-3-S-20250827	B16906	Sample
PPSP-2-S-20250827	C36915	Sample
PPSP-1-S-20250827	C55406	Sample
PPSP-1-B-20250827	B15112	Blank
PPSP-13-S-20250827	C36875	Sample
PPSP-12-S-20250827	B50808	Sample
PPSP-11-S-20250827	B20825	Sample
PPSP-10-S-20250827	B12165	Sample
PPSP-9-S-20250827	C01781	Sample
PPSP-8-S-20250827	B50906	Sample
PPSP-8-D-20250827	B46072	Duplicate
PPSP-7-S-20250827	C68641	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.

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.

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW306-1
Client ID.	Site: Portland Pipeline - S Portland, ME

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 PPSP-8-S-20250827 (tube ID B50906) and its corresponding duplicate PPSP-8-D-20250827 (tube ID B46072) failed to meet the 30% difference criterion for Toluene as specified by the method. All samples in the data set have been flagged “P” for Toluene 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: Power Engineers, Inc.
Job No.: 2025FW306-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250827	B47927	0.800		0.992	P		ND		ND		ND
PPSP-5-S-20250827	B27984	0.648		0.960	P		ND	0.437	J		ND
PPSP-4-S-20250827	B43696	0.637		0.886	P		ND	0.385	J		ND
PPSP-3-S-20250827	B16906	0.608		0.909	P		ND	0.398	J		ND
PPSP-2-S-20250827	C36915	0.565		0.922	P		ND	0.378	J		ND
PPSP-1-S-20250827	C55406	0.625		0.874	P		ND	0.336	J		ND
PPSP-1-B-20250827	B15112		ND		ND,P		ND		ND		ND
PPSP-13-S-20250827	C36875	0.590		0.997	P		ND	0.407	J		ND
PPSP-12-S-20250827	B50808	0.917		1.32	P		ND	0.727		0.296	J
PPSP-11-S-20250827	B20825	2.03		2.88	P	0.587		2.53		0.979	
PPSP-10-S-20250827	B12165	1.77		2.32	P	0.273	J	0.717		0.287	J
PPSP-9-S-20250827	C01781	1.34		1.53	P		ND	0.550			ND
PPSP-8-S-20250827	B50906	0.760		0.968	P		ND	0.380	J		ND
PPSP-8-D-20250827	B46072	0.716		1.36	P		ND	0.462	J		ND
PPSP-7-S-20250827	C68641	0.677		1.73	P		ND	0.536			ND

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

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW306-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250827	B47927	0.800	0.250	10.7	62.6	0.661	20151	0.188	0.373	0.0588	0.117		P2505860.D	2025-09-15 16:23	0.892	8.408	90294	858070	90.3	8.349	-5.2%
PPSP-5-S-20250827	B27984	0.648	0.203	8.63	62.6	0.661	20150	0.188	0.373	0.0588	0.117		P2505861.D	2025-09-15 17:01	0.892	8.403	75207	882316	90.3	8.349	-2.5%
PPSP-4-S-20250827	B43696	0.637	0.199	8.48	62.6	0.661	20150	0.188	0.373	0.0588	0.117		P2505862.D	2025-09-15 17:39	0.892	8.402	74711	891410	90.3	8.349	-1.5%
PPSP-3-S-20250827	B16906	0.608	0.191	8.10	62.6	0.661	20150	0.188	0.373	0.0588	0.117		P2505863.D	2025-09-15 18:16	0.892	8.402	70854	885236	90.3	8.349	-2.2%
PPSP-2-S-20250827	C36915	0.565	0.177	7.53	62.6	0.661	20150	0.188	0.373	0.0588	0.117		P2505864.D	2025-09-15 18:54	0.892	8.408	65197	876700	90.3	8.349	-3.1%
PPSP-1-S-20250827	C55406	0.625	0.196	8.32	62.6	0.661	20150	0.188	0.373	0.0588	0.117		P2505865.D	2025-09-15 19:32	0.892	8.403	71900	874586	90.3	8.349	-3.4%
PPSP-1-B-20250827	B15112				62.6	0.661	20150	0.188	0.373	0.0588	0.117	ND	P2505859.D	2025-09-15 15:45	0.892	8.408	14655	905112	90.3	8.349	0.0%
PPSP-13-S-20250827	C36875	0.590	0.185	7.86	62.6	0.661	20150	0.188	0.373	0.0588	0.117		P2505866.D	2025-09-15 20:10	0.892	8.409	68839	886925	90.3	8.349	-2.0%
PPSP-12-S-20250827	B50808	0.917	0.287	12.2	62.6	0.661	20151	0.188	0.373	0.0588	0.117		P2505867.D	2025-09-15 20:48	0.892	8.408	107721	893015	90.3	8.343	-1.3%
PPSP-11-S-20250827	B20825	2.03	0.634	27.0	62.6	0.661	20150	0.188	0.373	0.0588	0.117		P2505868.D	2025-09-15 21:26	0.892	8.402	238647	895428	90.3	8.343	-1.1%
PPSP-10-S-20250827	B12165	1.77	0.554	23.5	62.6	0.661	20149	0.188	0.373	0.0588	0.117		P2505870.D	2025-09-15 23:05	0.892	8.396	206177	886136	90.3	8.349	-2.1%
PPSP-9-S-20250827	C01781	1.34	0.418	17.8	62.6	0.661	20149	0.188	0.373	0.0588	0.117		P2505871.D	2025-09-15 23:43	0.892	8.403	153816	875350	90.3	8.349	-3.3%
PPSP-8-S-20250827	B50906	0.760	0.238	10.1	62.6	0.661	20150	0.188	0.373	0.0588	0.117		P2505872.D	2025-09-16 00:21	0.892	8.396	88647	886786	90.3	8.343	-2.0%
PPSP-8-D-20250827	B46072	0.716	0.224	9.54	62.6	0.661	20150	0.188	0.373	0.0588	0.117		P2505873.D	2025-09-16 00:59	0.892	8.402	83046	881406	90.3	8.349	-2.6%
PPSP-7-S-20250827	C68641	0.677	0.212	9.02	62.6	0.661	20149	0.188	0.373	0.0588	0.117		P2505874.D	2025-09-16 01:37	0.892	8.402	79109	888022	90.3	8.343	-1.9%

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
PPSP-6-S-20250827	B47927	0.992	0.263	10.3	62.6	0.513	20151	0.242	0.519	0.0642	0.138	P	P2505860.D	2025-09-15 16:23	0.988	11.002	98494	1023391	105.3	10.907	-1.2%
PPSP-5-S-20250827	B27984	0.960	0.255	9.92	62.6	0.513	20150	0.242	0.519	0.0642	0.138	P	P2505861.D	2025-09-15 17:01	0.988	11.008	96073	1031640	105.3	10.907	-0.4%
PPSP-4-S-20250827	B43696	0.886	0.235	9.16	62.6	0.513	20150	0.242	0.519	0.0642	0.138	P	P2505862.D	2025-09-15 17:39	0.988	11.002	89985	1046927	105.3	10.913	1.1%
PPSP-3-S-20250827	B16906	0.909	0.241	9.40	62.6	0.513	20150	0.242	0.519	0.0642	0.138	P	P2505863.D	2025-09-15 18:16	0.988	11.002	90283	1023432	105.3	10.907	-1.2%
PPSP-2-S-20250827	C36915	0.922	0.245	9.53	62.6	0.513	20150	0.242	0.519	0.0642	0.138	P	P2505864.D	2025-09-15 18:54	0.988	11.002	91567	1023909	105.3	10.913	-1.1%
PPSP-1-S-20250827	C55406	0.874	0.232	9.03	62.6	0.513	20150	0.242	0.519	0.0642	0.138	P	P2505865.D	2025-09-15 19:32	0.988	11.008	86654	1022119	105.3	10.913	-1.3%
PPSP-1-B-20250827	B15112				62.6	0.513	20150	0.242	0.519	0.0642	0.138	ND,P	P2505859.D	2025-09-15 15:45	0.988	10.996	10707	1072053	105.3	10.907	3.5%
PPSP-13-S-20250827	C36875	0.997	0.265	10.3	62.6	0.513	20150	0.242	0.519	0.0642	0.138	P	P2505866.D	2025-09-15 20:10	0.988	11.002	100633	1040311	105.3	10.907	0.5%
PPSP-12-S-20250827	B50808	1.32	0.349	13.6	62.6	0.513	20151	0.242	0.519	0.0642	0.138	P	P2505867.D	2025-09-15 20:48	0.988	11.002	134794	1056324	105.3	10.907	2.0%
PPSP-11-S-20250827	B20825	2.88	0.764	29.7	62.6	0.513	20150	0.242	0.519	0.0642	0.138	P	P2505868.D	2025-09-15 21:26	0.988	11.002	286854	1027640	105.3	10.907	-0.7%
PPSP-10-S-20250827	B12165	2.32	0.616	24.0	62.6	0.513	20149	0.242	0.519	0.0642	0.138	P	P2505870.D	2025-09-15 23:05	0.988	11.002	237991	1057056	105.3	10.907	2.1%
PPSP-9-S-20250827	C01781	1.53	0.407	15.8	62.6	0.513	20149	0.242	0.519	0.0642	0.138	P	P2505871.D	2025-09-15 23:43	0.988	11.002	154040	1036513	105.3	10.907	0.1%
PPSP-8-S-20250827	B50906	0.968	0.257	10.0	62.6	0.513	20150	0.242	0.519	0.0642	0.138	P	P2505872.D	2025-09-16 00:21	0.988	11.002	97548	1038570	105.3	10.907	0.3%
PPSP-8-D-20250827	B46072	1.36	0.361	14.0	62.6	0.513	20150	0.242	0.519	0.0642	0.138	P	P2505873.D	2025-09-16 00:59	0.988	11.002	135735	1029644	105.3	10.907	-0.6%
PPSP-7-S-20250827	C68641	1.73	0.460	17.9	62.6	0.513	20149	0.242	0.519	0.0642	0.138	P	P2505874.D	2025-09-16 01:37	0.988	11.002	176098	1047148	105.3	10.907	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
PPSP-6-S-20250827	B47927				62.6	0.454	20151	0.273	0.564	0.0630	0.130	ND	P2505860.D	2025-09-15 16:23	1.127	13.133	9132	1023391	105.3	10.907	-1.2%
PPSP-5-S-20250827	B27984				62.6	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2505861.D	2025-09-15 17:01	1.127	13.133	18061	1031640	105.3	10.907	-0.4%
PPSP-4-S-20250827	B43696				62.6	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2505862.D	2025-09-15 17:39	1.127	13.133	13827	1046927	105.3	10.913	1.1%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW306-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20250827	B16906				62.6	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2505863.D	2025-09-15 18:16	1.127	13.139	12472	1023432	105.3	10.907	-1.2%
PPSP-2-S-20250827	C36915				62.6	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2505864.D	2025-09-15 18:54	1.127	13.127	13752	1023909	105.3	10.913	-1.1%
PPSP-1-S-20250827	C55406				62.6	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2505865.D	2025-09-15 19:32	1.127	13.133	8966	1022119	105.3	10.913	-1.3%
PPSP-1-B-20250827	B15112				62.6	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2505859.D	2025-09-15 15:45	1.127	13.127	2259	1072053	105.3	10.907	3.5%
PPSP-13-S-20250827	C36875				62.6	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2505866.D	2025-09-15 20:10	1.127	13.127	12816	1040311	105.3	10.907	0.5%
PPSP-12-S-20250827	B50808				62.6	0.454	20151	0.273	0.564	0.0630	0.130	ND	P2505867.D	2025-09-15 20:48	1.127	13.127	24912	1056324	105.3	10.907	2.0%
PPSP-11-S-20250827	B20825	0.587	0.135	5.37	62.6	0.454	20150	0.273	0.564	0.0630	0.130		P2505868.D	2025-09-15 21:26	1.127	13.127	59070	1027640	105.3	10.907	-0.7%
PPSP-10-S-20250827	B12165	0.273	0.0630	2.50	62.6	0.454	20149	0.273	0.564	0.0630	0.130	J	P2505870.D	2025-09-15 23:05	1.127	13.127	28285	1057056	105.3	10.907	2.1%
PPSP-9-S-20250827	C01781				62.6	0.454	20149	0.273	0.564	0.0630	0.130	ND	P2505871.D	2025-09-15 23:43	1.127	13.133	16679	1036513	105.3	10.907	0.1%
PPSP-8-S-20250827	B50906				62.6	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2505872.D	2025-09-16 00:21	1.127	13.139	11201	1038570	105.3	10.907	0.3%
PPSP-8-D-20250827	B46072				62.6	0.454	20150	0.273	0.564	0.0630	0.130	ND	P2505873.D	2025-09-16 00:59	1.127	13.127	17709	1029644	105.3	10.907	-0.6%
PPSP-7-S-20250827	C68641				62.6	0.454	20149	0.273	0.564	0.0630	0.130	ND	P2505874.D	2025-09-16 01:37	1.127	13.121	17023	1047148	105.3	10.907	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
PPSP-6-S-20250827	B47927				62.6	0.454	20151	0.273	0.533	0.0630	0.123	ND	P2505860.D	2025-09-15 16:23	0.889	13.305	20778	1023391	105.3	10.907	-1.2%
PPSP-5-S-20250827	B27984	0.437	0.101	4.00	62.6	0.454	20150	0.273	0.533	0.0630	0.123	J	P2505861.D	2025-09-15 17:01	0.889	13.305	34808	1031640	105.3	10.907	-0.4%
PPSP-4-S-20250827	B43696	0.385	0.0888	3.52	62.6	0.454	20150	0.273	0.533	0.0630	0.123	J	P2505862.D	2025-09-15 17:39	0.889	13.305	31129	1046927	105.3	10.913	1.1%
PPSP-3-S-20250827	B16906	0.398	0.0916	3.64	62.6	0.454	20150	0.273	0.533	0.0630	0.123	J	P2505863.D	2025-09-15 18:16	0.889	13.311	31418	1023432	105.3	10.907	-1.2%
PPSP-2-S-20250827	C36915	0.378	0.0872	3.46	62.6	0.454	20150	0.273	0.533	0.0630	0.123	J	P2505864.D	2025-09-15 18:54	0.889	13.305	29914	1023909	105.3	10.913	-1.1%
PPSP-1-S-20250827	C55406	0.336	0.0773	3.07	62.6	0.454	20150	0.273	0.533	0.0630	0.123	J	P2505865.D	2025-09-15 19:32	0.889	13.305	26481	1022119	105.3	10.913	-1.3%
PPSP-1-B-20250827	B15112				62.6	0.454	20150	0.273	0.533	0.0630	0.123	ND	P2505859.D	2025-09-15 15:45	0.889	13.287	1972	1072053	105.3	10.907	3.5%
PPSP-13-S-20250827	C36875	0.407	0.0938	3.72	62.6	0.454	20150	0.273	0.533	0.0630	0.123	J	P2505866.D	2025-09-15 20:10	0.889	13.305	32701	1040311	105.3	10.907	0.5%
PPSP-12-S-20250827	B50808	0.727	0.168	6.65	62.6	0.454	20151	0.273	0.533	0.0630	0.123		P2505867.D	2025-09-15 20:48	0.889	13.305	59297	1056324	105.3	10.907	2.0%
PPSP-11-S-20250827	B20825	2.53	0.583	23.1	62.6	0.454	20150	0.273	0.533	0.0630	0.123		P2505868.D	2025-09-15 21:26	0.889	13.299	200692	1027640	105.3	10.907	-0.7%
PPSP-10-S-20250827	B12165	0.717	0.165	6.55	62.6	0.454	20149	0.273	0.533	0.0630	0.123		P2505870.D	2025-09-15 23:05	0.889	13.299	58477	1057056	105.3	10.907	2.1%
PPSP-9-S-20250827	C01781	0.550	0.127	5.03	62.6	0.454	20149	0.273	0.533	0.0630	0.123		P2505871.D	2025-09-15 23:43	0.889	13.305	44007	1036513	105.3	10.907	0.1%
PPSP-8-S-20250827	B50906	0.380	0.0876	3.48	62.6	0.454	20150	0.273	0.533	0.0630	0.123	J	P2505872.D	2025-09-16 00:21	0.889	13.299	30493	1038570	105.3	10.907	0.3%
PPSP-8-D-20250827	B46072	0.462	0.106	4.22	62.6	0.454	20150	0.273	0.533	0.0630	0.123	J	P2505873.D	2025-09-16 00:59	0.889	13.305	36686	1029644	105.3	10.907	-0.6%
PPSP-7-S-20250827	C68641	0.536	0.124	4.90	62.6	0.454	20149	0.273	0.533	0.0630	0.123		P2505874.D	2025-09-16 01:37	0.889	13.299	43346	1047148	105.3	10.907	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
PPSP-6-S-20250827	B47927				62.6	0.454	20151	0.273	0.556	0.0630	0.128	ND	P2505860.D	2025-09-15 16:23	0.926	13.786	7555	1023391	105.3	10.907	-1.2%
PPSP-5-S-20250827	B27984				62.6	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2505861.D	2025-09-15 17:01	0.926	13.798	13058	1031640	105.3	10.907	-0.4%
PPSP-4-S-20250827	B43696				62.6	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2505862.D	2025-09-15 17:39	0.926	13.792	11259	1046927	105.3	10.913	1.1%
PPSP-3-S-20250827	B16906				62.6	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2505863.D	2025-09-15 18:16	0.926	13.798	9576	1023432	105.3	10.907	-1.2%
PPSP-2-S-20250827	C36915				62.6	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2505864.D	2025-09-15 18:54	0.926	13.792	10211	1023909	105.3	10.913	-1.1%
PPSP-1-S-20250827	C55406				62.6	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2505865.D	2025-09-15 19:32	0.926	13.798	10374	1022119	105.3	10.913	-1.3%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW306-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20250827	B15112				62.6	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2505859.D	2025-09-15 15:45	0.926	13.786	783	1072053	105.3	10.907	3.5%
PPSP-13-S-20250827	C36875				62.6	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2505866.D	2025-09-15 20:10	0.926	13.798	13636	1040311	105.3	10.907	0.5%
PPSP-12-S-20250827	B50808	0.296	0.0683	2.71	62.6	0.454	20151	0.273	0.556	0.0630	0.128	J	P2505867.D	2025-09-15 20:48	0.926	13.798	25167	1056324	105.3	10.907	2.0%
PPSP-11-S-20250827	B20825	0.979	0.226	8.95	62.6	0.454	20150	0.273	0.556	0.0630	0.128		P2505868.D	2025-09-15 21:26	0.926	13.792	80881	1027640	105.3	10.907	-0.7%
PPSP-10-S-20250827	B12165	0.287	0.0662	2.62	62.6	0.454	20149	0.273	0.556	0.0630	0.128	J	P2505870.D	2025-09-15 23:05	0.926	13.792	24406	1057056	105.3	10.907	2.1%
PPSP-9-S-20250827	C01781				62.6	0.454	20149	0.273	0.556	0.0630	0.128	ND	P2505871.D	2025-09-15 23:43	0.926	13.792	15647	1036513	105.3	10.907	0.1%
PPSP-8-S-20250827	B50906				62.6	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2505872.D	2025-09-16 00:21	0.926	13.786	14028	1038570	105.3	10.907	0.3%
PPSP-8-D-20250827	B46072				62.6	0.454	20150	0.273	0.556	0.0630	0.128	ND	P2505873.D	2025-09-16 00:59	0.926	13.792	13941	1029644	105.3	10.907	-0.6%
PPSP-7-S-20250827	C68641				62.6	0.454	20149	0.273	0.556	0.0630	0.128	ND	P2505874.D	2025-09-16 01:37	0.926	13.786	15693	1047148	105.3	10.907	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
P: Field duplicate(s) exceed 30%RPD

QC Data

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW306-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250827	ND	Pass	ND	Pass	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250827	5.9%	Pass	34%	Fail	ND	Pass	19%	Pass	ND	Pass

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW306-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	P2505857.D	C00557	Cal	0.892		0.892	-0.42%	17%		Pass	
2025FW306 Method Blank-1	P2505858.D	C37533	Blank			0.892			0.67%	Pass	ND
M325B CCV 5 REC	P2505869.D	C01357	Check	0.993		0.892	11%		6.2%	Pass	
M325B CCV 5 REC	P2505875.D	B49576	Check	0.883		0.892	-1.4%		5.8%	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	P2505857.D	C00557	Cal	0.988		0.988	11%	8.5%		Pass	
2025FW306 Method Blank-1	P2505858.D	C37533	Blank			0.988			3.7%	Pass	ND
M325B CCV 5 REC	P2505869.D	C01357	Check	1.068		0.988	20%		9.9%	Pass	
M325B CCV 5 REC	P2505875.D	B49576	Check	0.966		0.988	9.0%		8.4%	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	P2505857.D	C00557	Cal	1.127		1.127	9.0%	8.5%		Pass	
2025FW306 Method Blank-1	P2505858.D	C37533	Blank			1.127			3.7%	Pass	ND
M325B CCV 5 REC	P2505869.D	C01357	Check	1.029		1.127	-0.47%		9.9%	Pass	
M325B CCV 5 REC	P2505875.D	B49576	Check	1.023		1.127	-1.0%		8.4%	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	P2505857.D	C00557	Cal	0.889		0.889	12%	8.5%		Pass	
2025FW306 Method Blank-1	P2505858.D	C37533	Blank			0.889			3.7%	Pass	ND
M325B CCV 5 REC	P2505869.D	C01357	Check	0.682		0.889	-14%		9.9%	Pass	
M325B CCV 5 REC	P2505875.D	B49576	Check	0.766		0.889	-3.2%		8.4%	Pass	

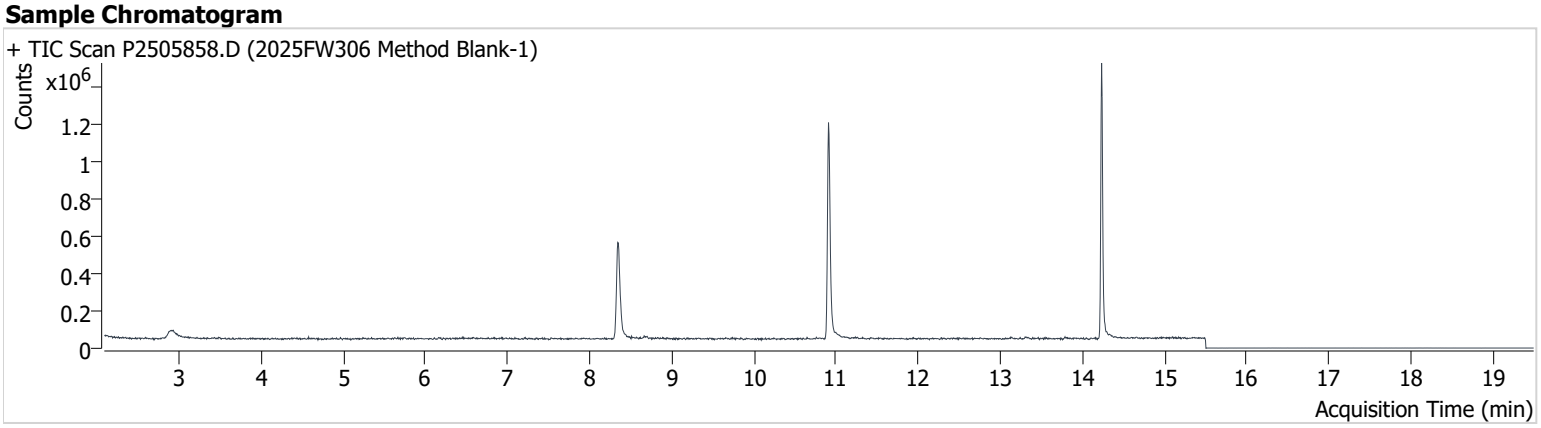
o-Xylene Calibration and Blanks

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	P2505857.D	C00557	Cal	0.926		0.926	11%	8.5%		Pass	
2025FW306 Method Blank-1	P2505858.D	C37533	Blank			0.926			3.7%	Pass	ND
M325B CCV 5 REC	P2505869.D	C01357	Check	0.657		0.926	-21%		9.9%	Pass	
M325B CCV 5 REC	P2505875.D	B49576	Check	0.793		0.926	-4.9%		8.4%	Pass	

Chromatograms

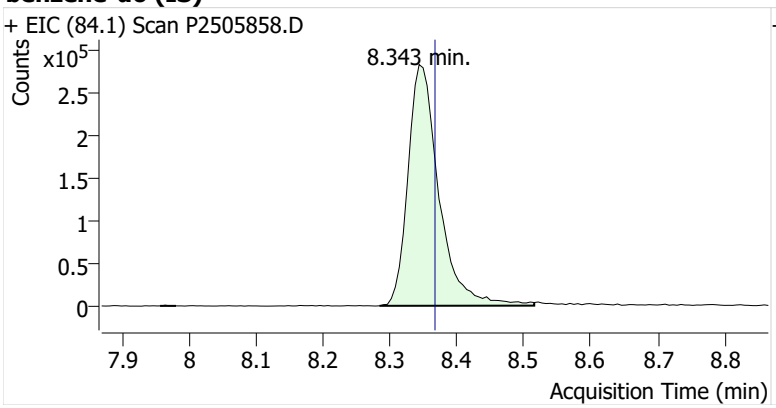
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Comment	C37533
Data File	P2505858.D
Acq. Date-Time	9/15/2025 3:07:28 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

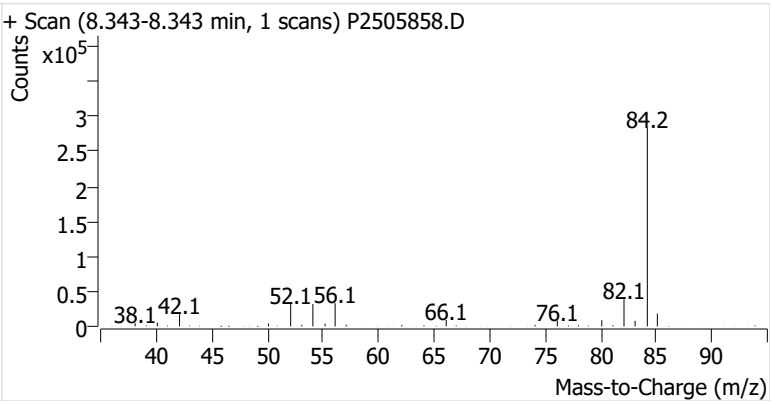
Sample Chromatogram



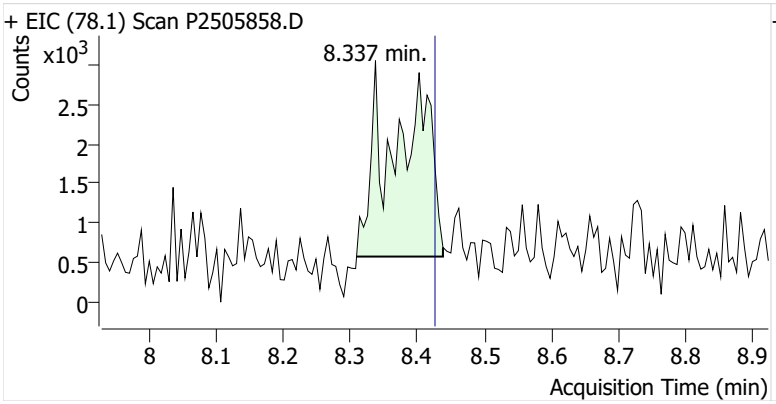
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	910,996	
Benzene	benzene-d6 (IS)	8.337	8.426	9,660	
Toluene-d8 (IS)		10.907	10.931	1,073,603	
Toluene	Toluene-d8 (IS)	11.008	11.020	9,233	
Ethylbenzene	Toluene-d8 (IS)	13.145	13.151	5,181	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	5,059	m
o-Xylene	Toluene-d8 (IS)	13.792	13.809	4,050	

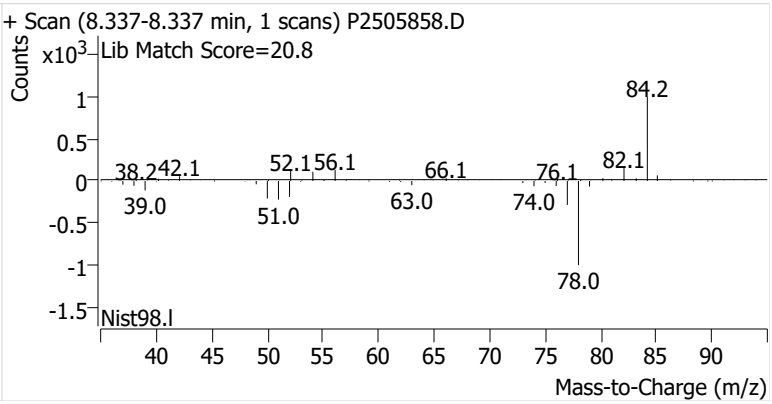
benzene-d6 (IS)



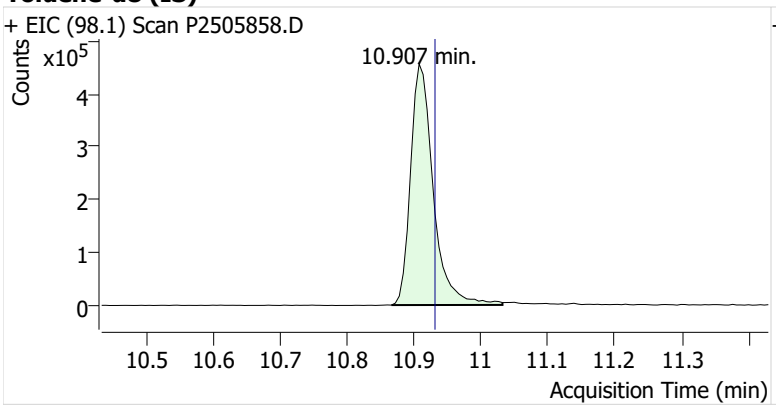


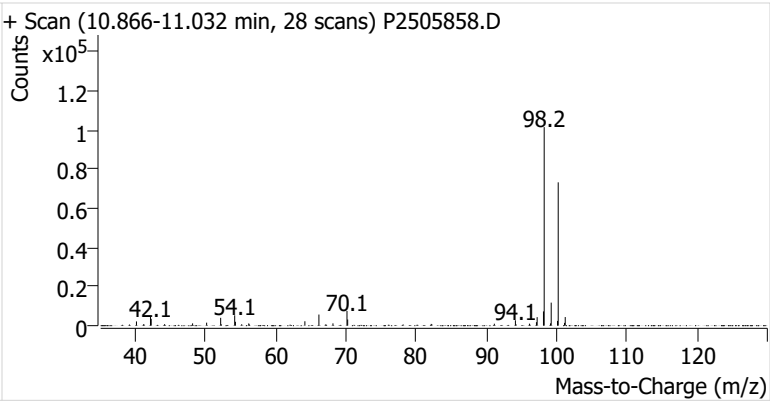
Benzene



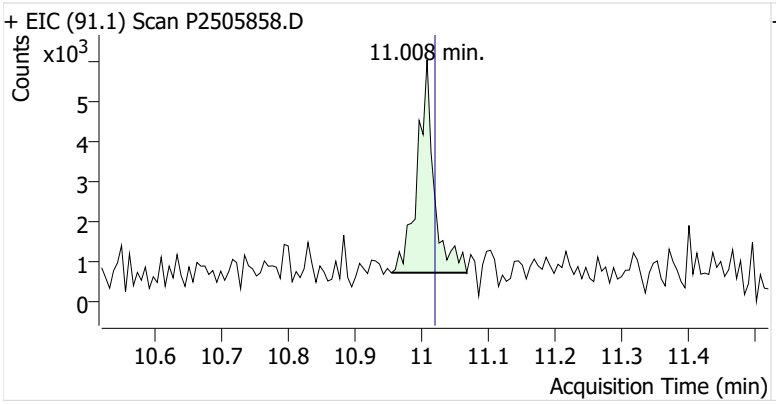


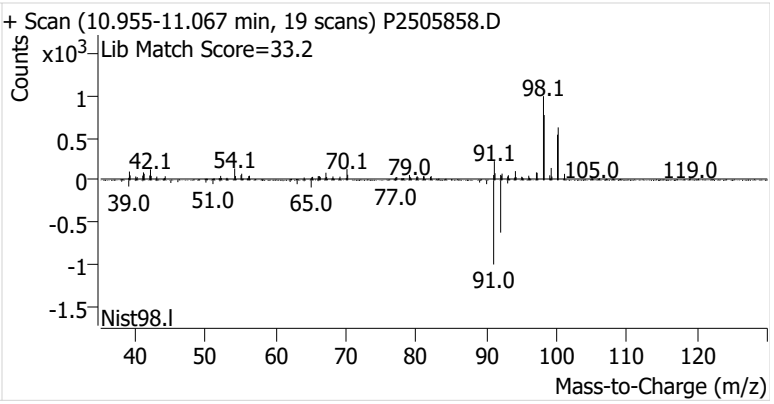
Toluene-d8 (IS)



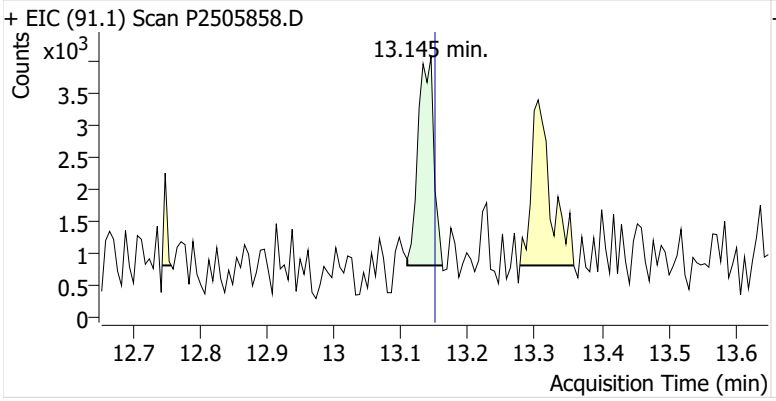


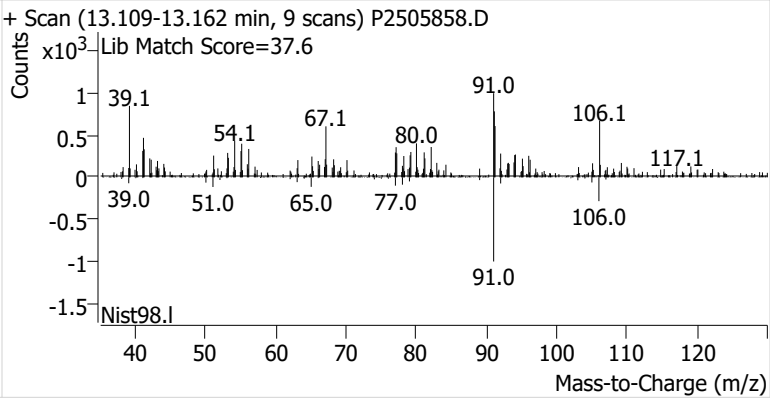
Toluene



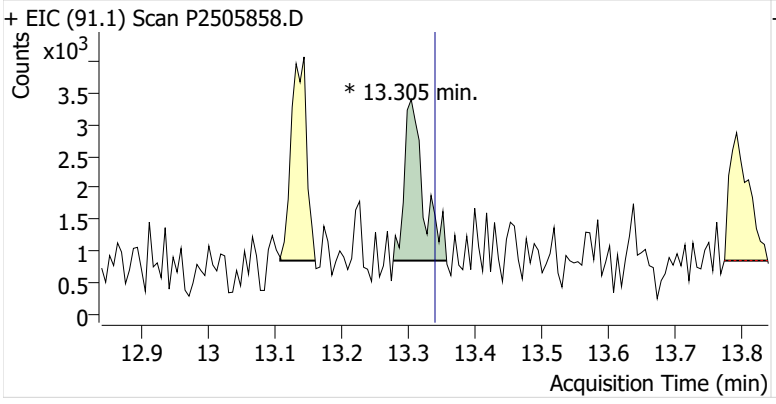


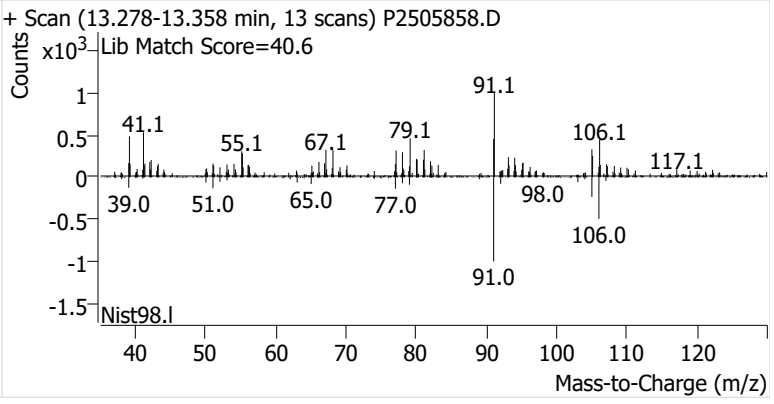
Ethylbenzene



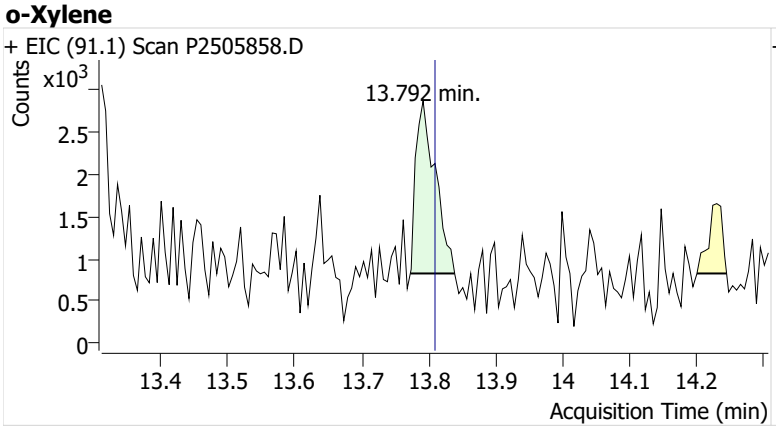


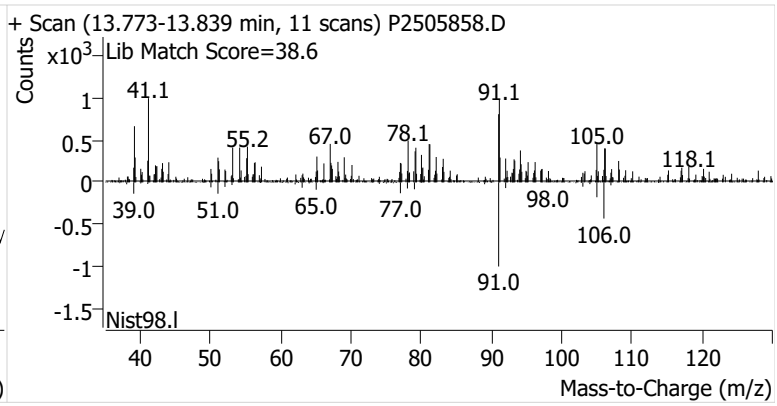
m-/p-Xylenes





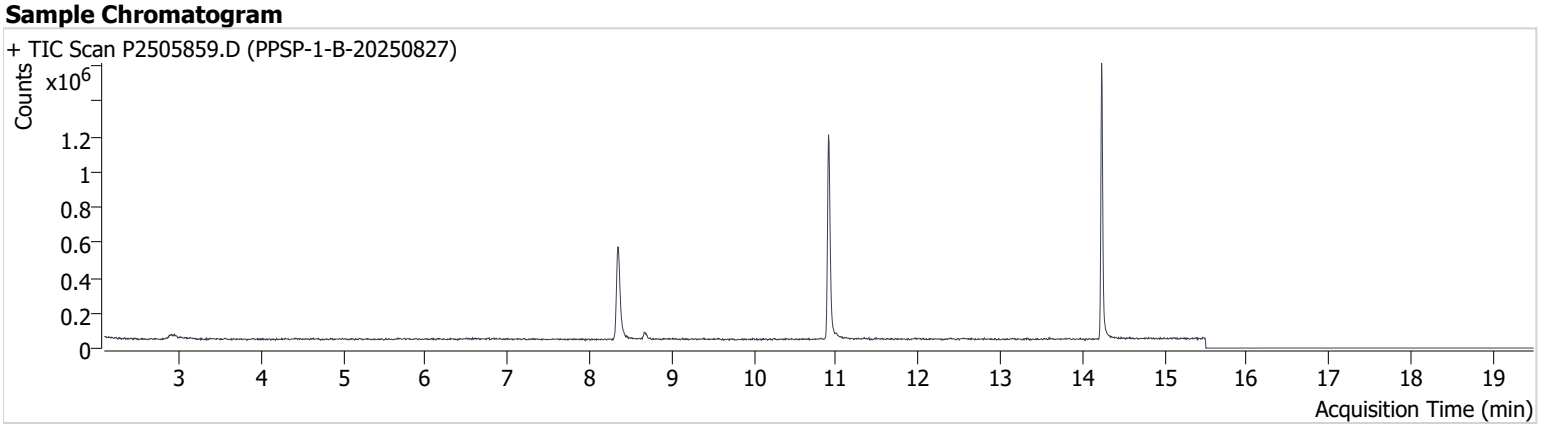
o-Xylene


+ EIC (91.1) Scan P2505858.D
Counts
x10^3
13.792 min.
2.5
2
1.5
1
0.5
0
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.773-13.839 min, 11 scans) P2505858.D
Counts
x10^3
Lib Match Score=38.6
41.1
91.1
55.2
67.0
78.1
105.0
118.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

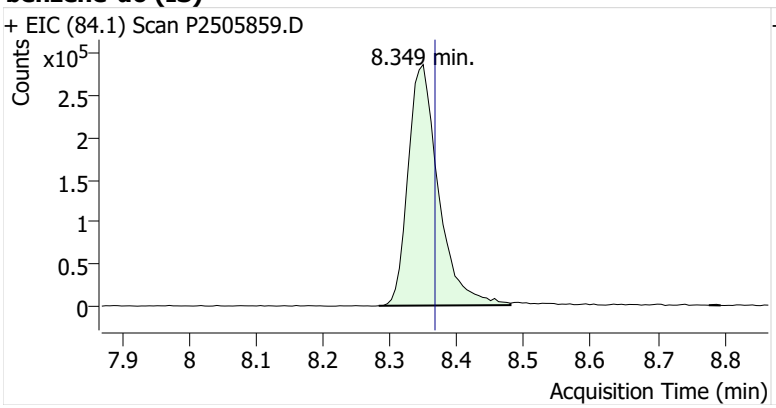
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Comment	B15112
Data File	P2505859.D
Acq. Date-Time	9/15/2025 3:45:20 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

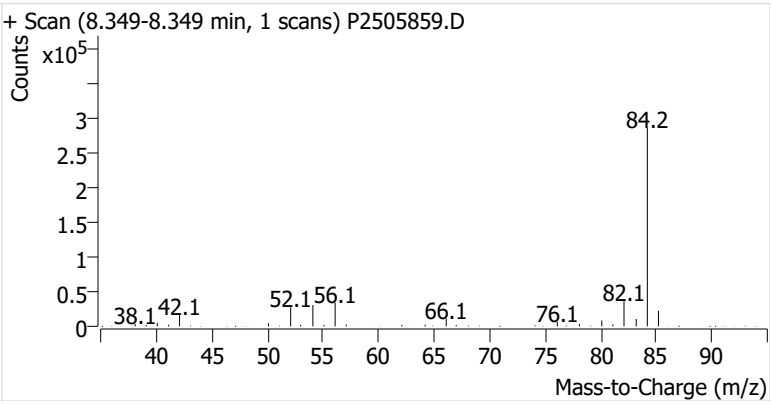
Sample Chromatogram



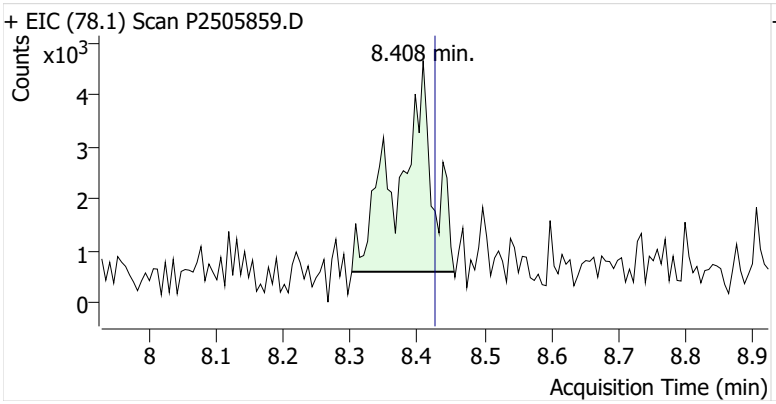
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	905,112	
Benzene	benzene-d6 (IS)	8.408	8.426	14,655	
Toluene-d8 (IS)		10.907	10.931	1,072,053	
Toluene	Toluene-d8 (IS)	10.996	11.020	10,707	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	2,259	
m-/p-Xylenes	Toluene-d8 (IS)	13.287	13.341	1,972	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	783	

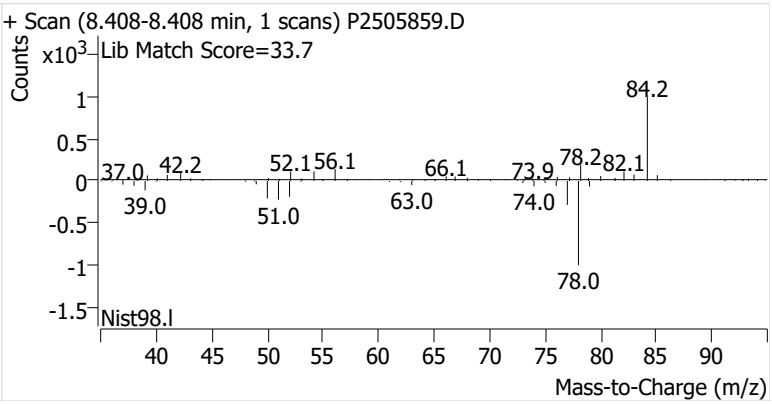
benzene-d6 (IS)



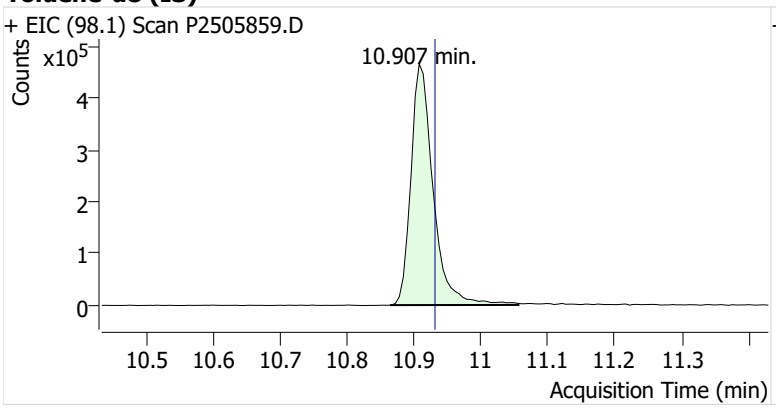


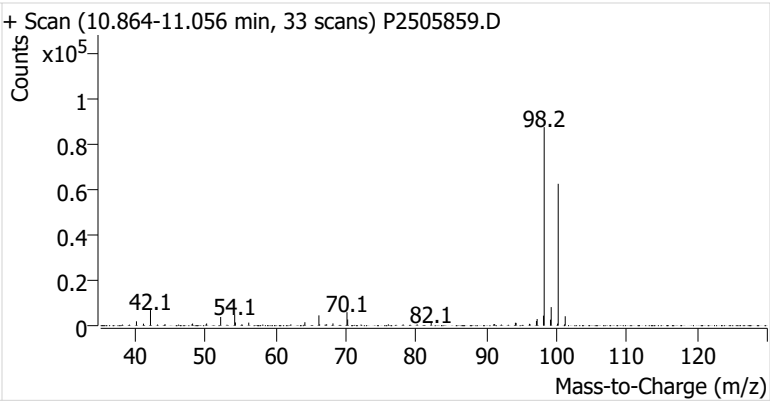
Benzene



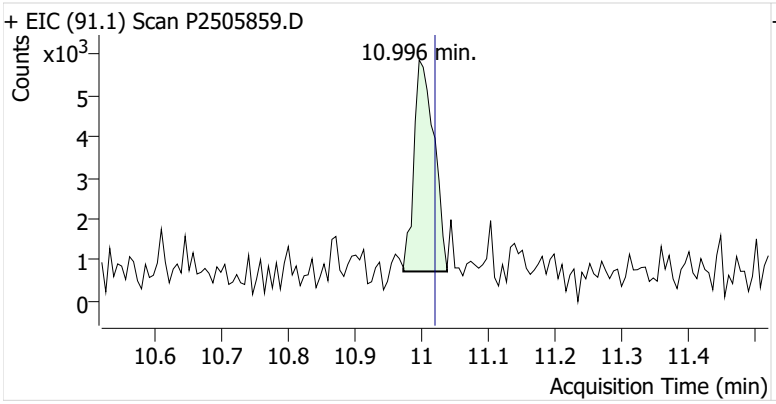


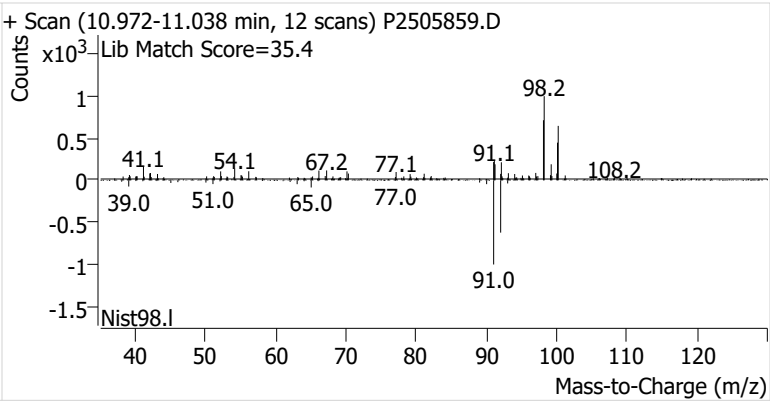
Toluene-d8 (IS)



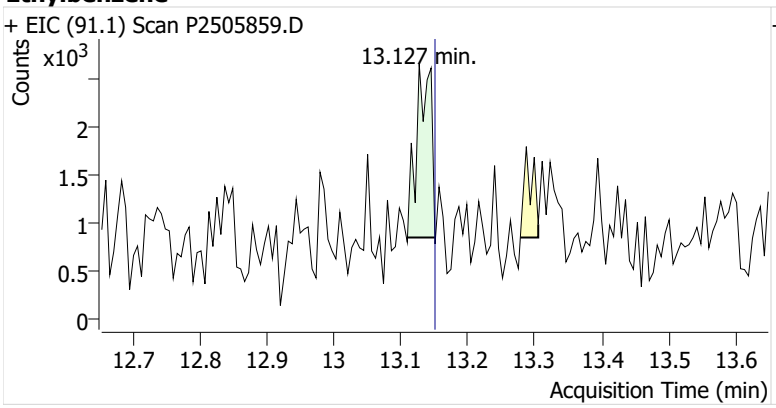


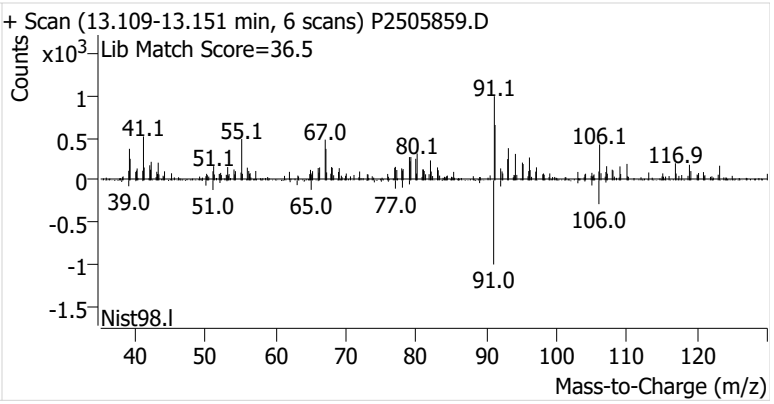
Toluene



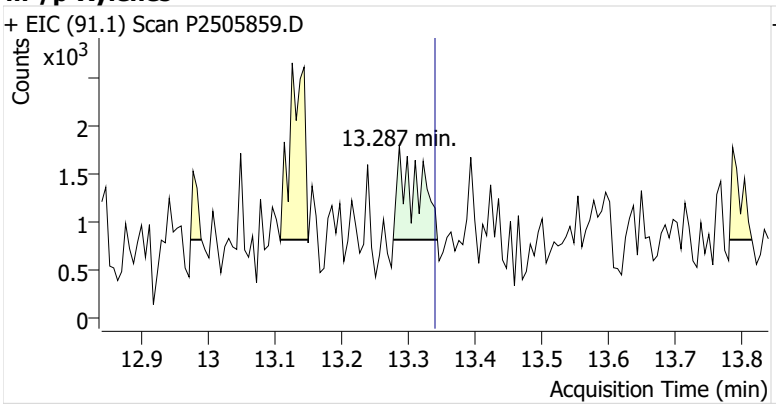


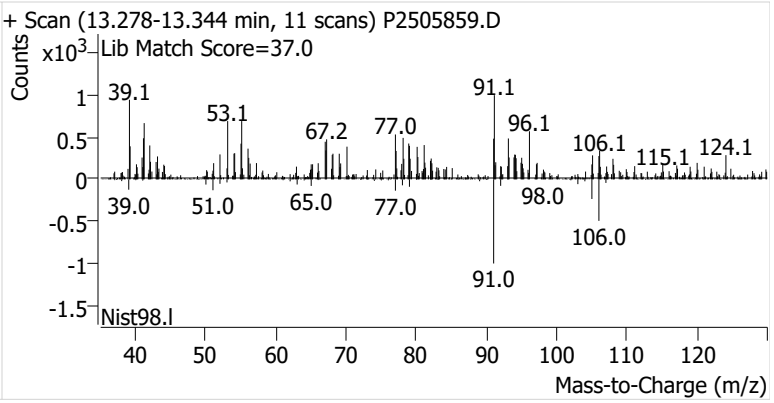
Ethylbenzene



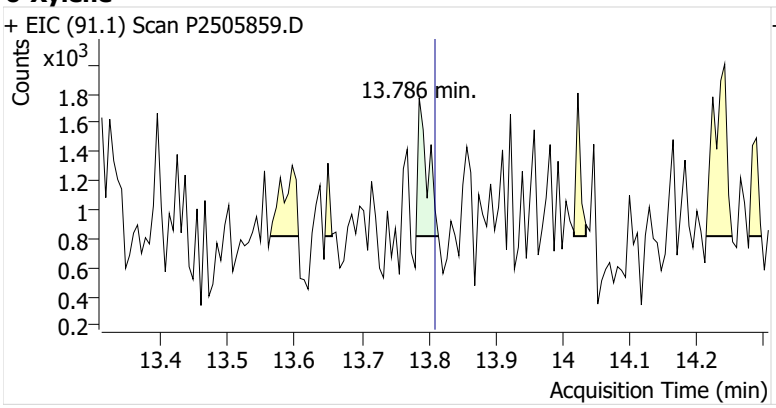


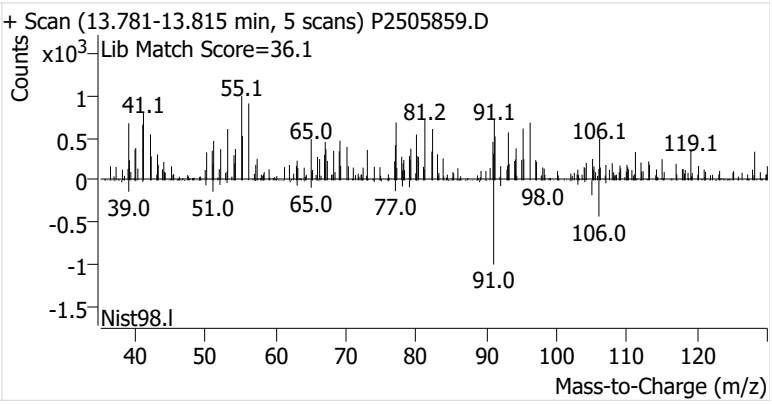
m-/p-Xylenes





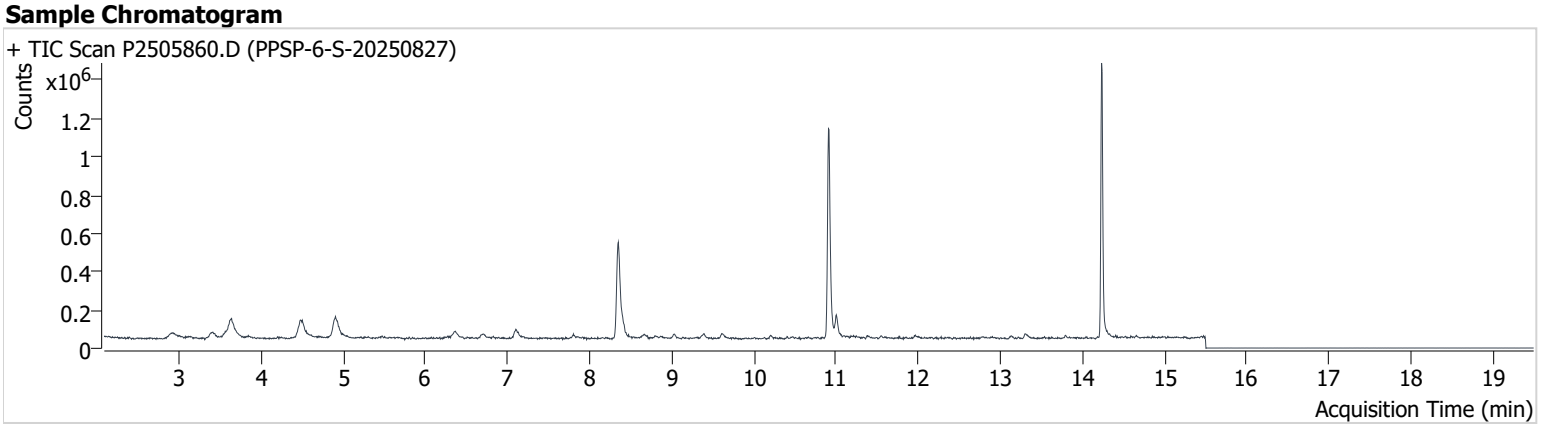
o-Xylene


+ EIC (91.1) Scan P2505859.D
Counts
x10^3
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
13.786 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.781-13.815 min, 5 scans) P2505859.D
Lib Match Score=36.1
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
41.1
55.1
65.0
81.2
91.1
106.1
119.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

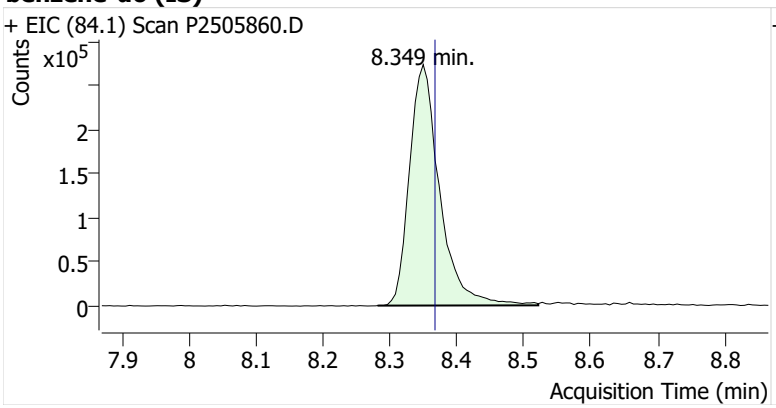
Name	PPSP-6-S-20250827
Comment	B47927
Data File	P2505860.D
Acq. Date-Time	9/15/2025 4:23:13 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

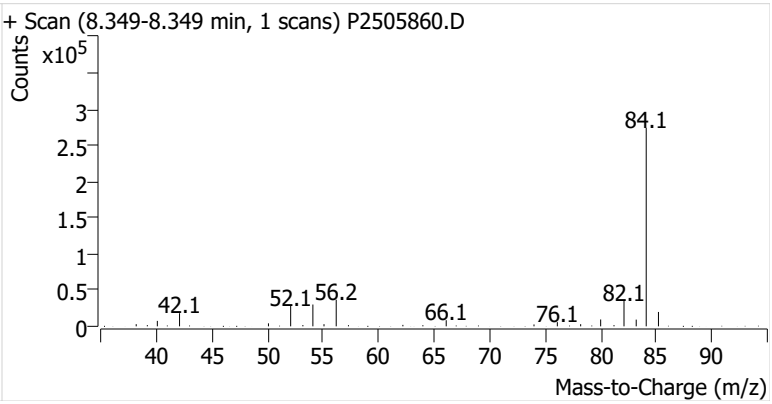
Sample Chromatogram



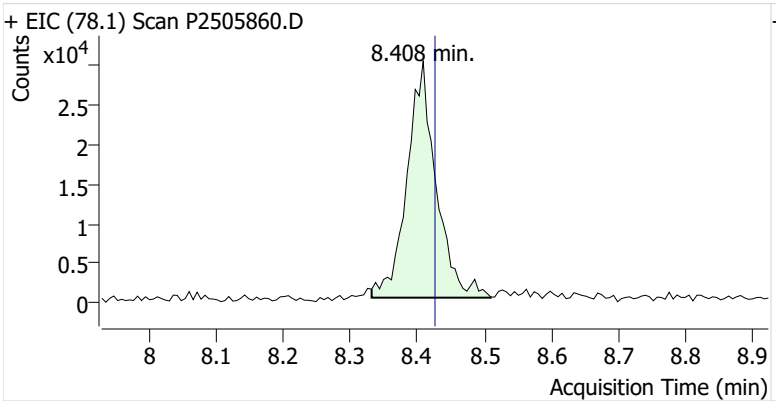
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	858,070	
Benzene	benzene-d6 (IS)	8.408	8.426	90,294	
Toluene-d8 (IS)		10.907	10.931	1,023,391	
Toluene	Toluene-d8 (IS)	11.002	11.020	98,494	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	9,132	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	20,778	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	7,555	

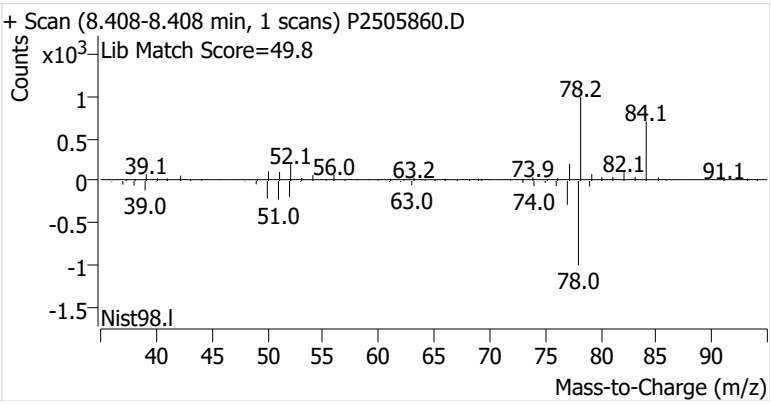
benzene-d6 (IS)



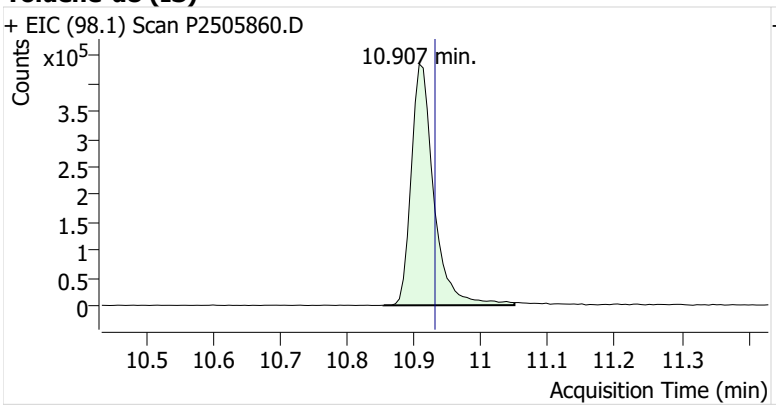


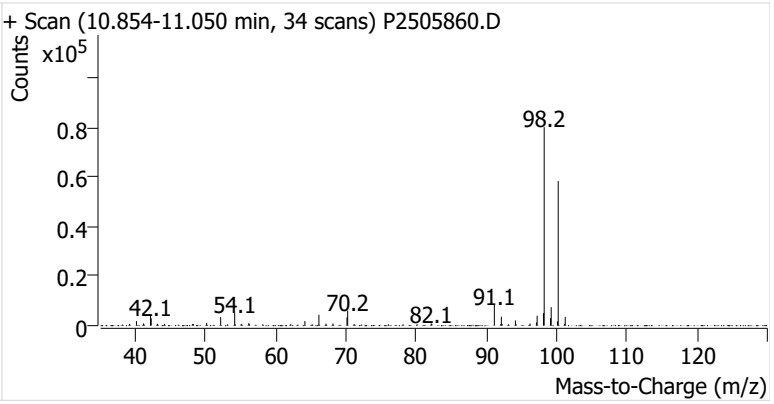
Benzene



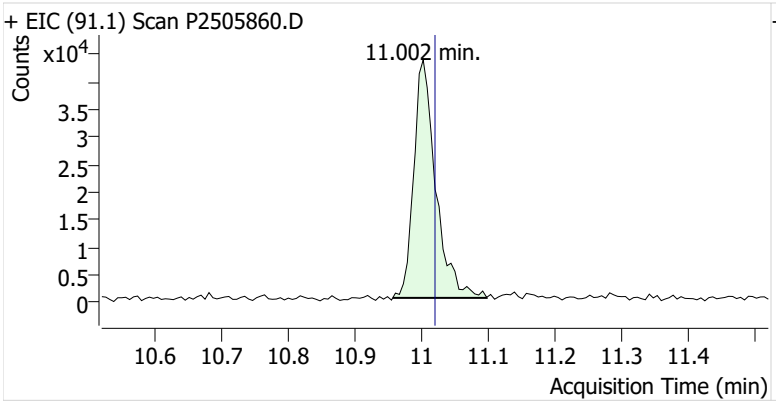


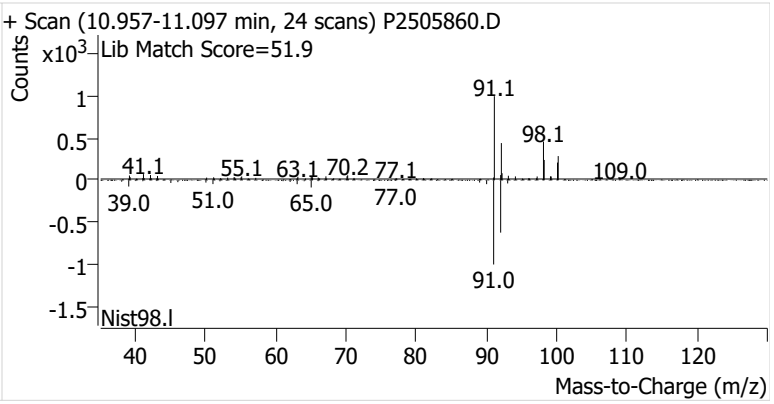
Toluene-d8 (IS)



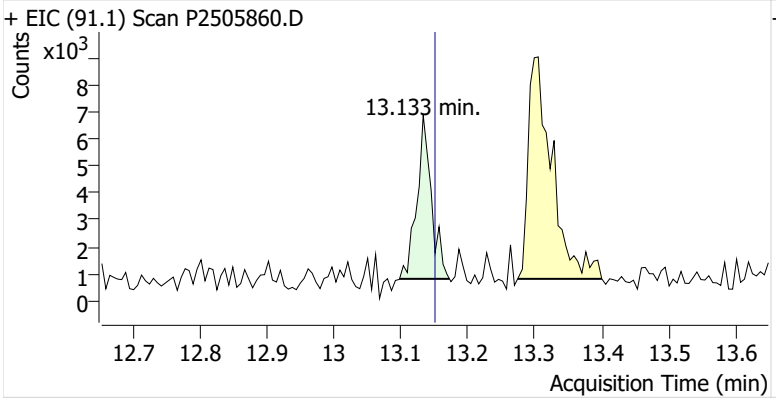


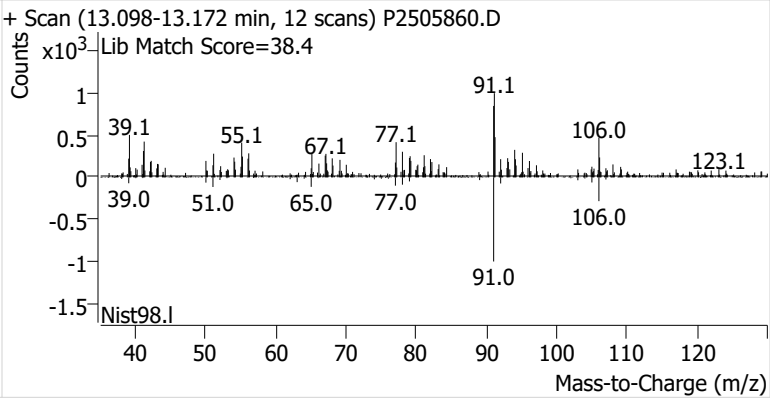
Toluene



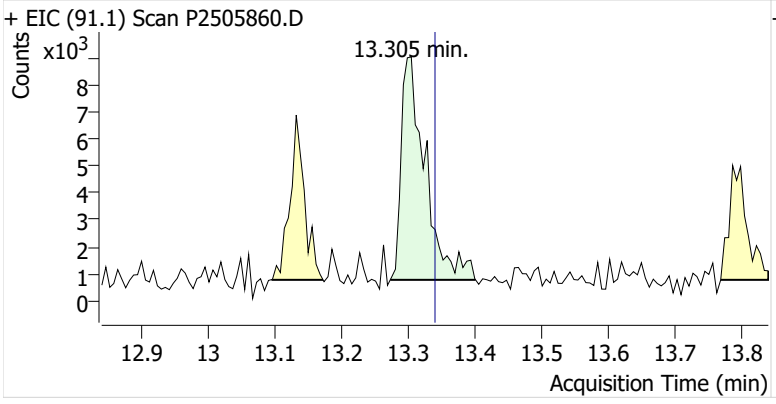


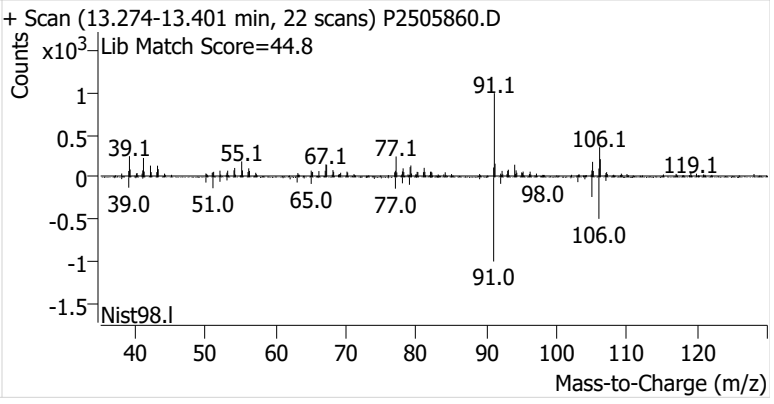
Ethylbenzene



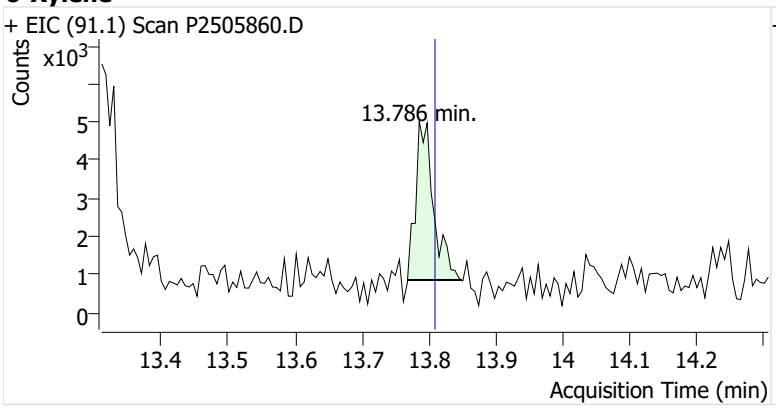


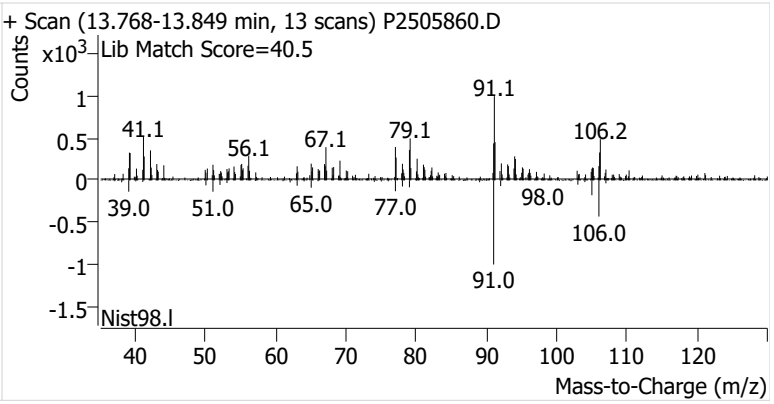
m-/p-Xylenes





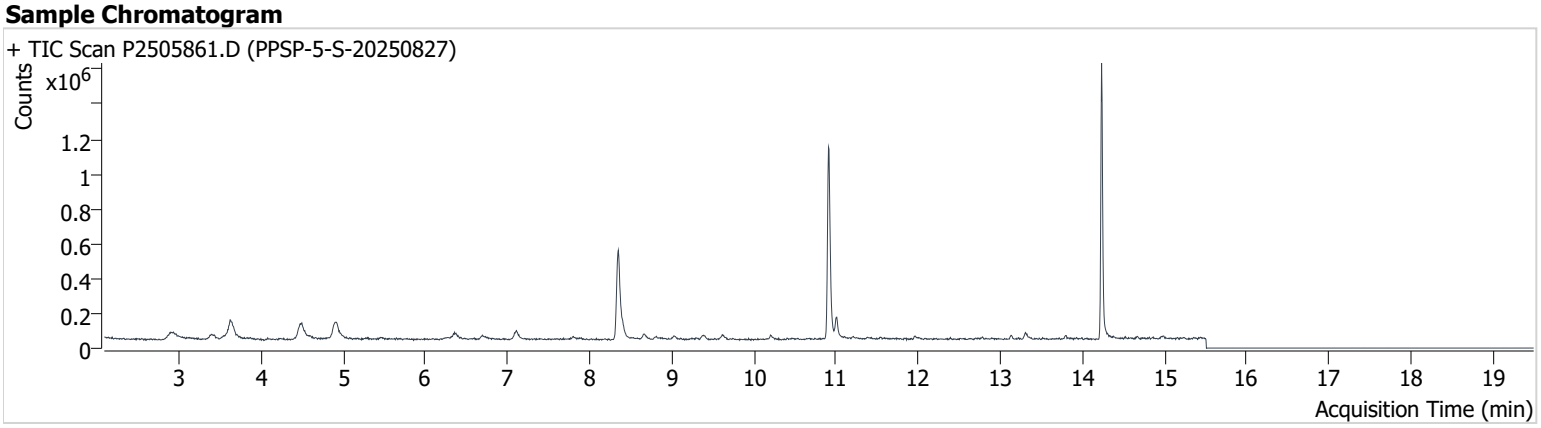
o-Xylene


+ EIC (91.1) Scan P2505860.D
Counts
x10^3
13.786 min.
Acquisition Time (min)


+ Scan (13.768-13.849 min, 13 scans) P2505860.D
Lib Match Score=40.5
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

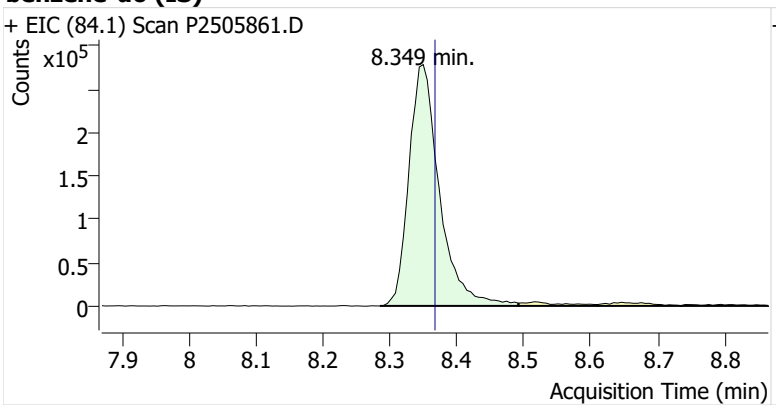
Name	PPSP-5-S-20250827
Comment	B27984
Data File	P2505861.D
Acq. Date-Time	9/15/2025 5:01:05 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

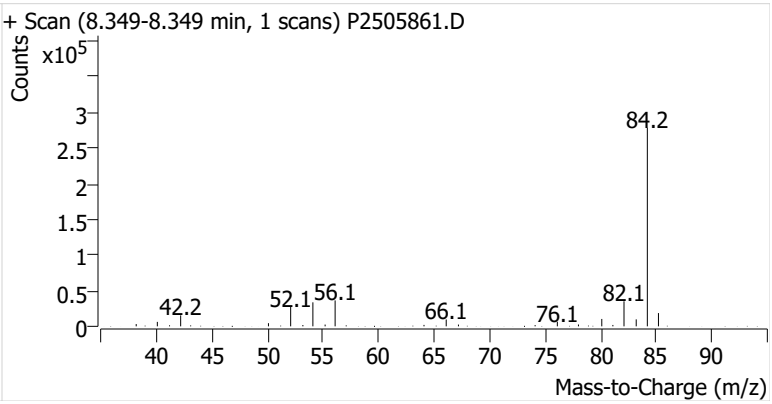
Sample Chromatogram



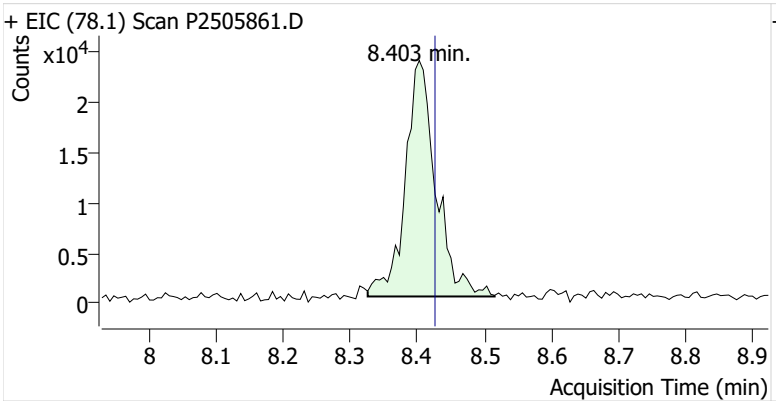
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	882,316	
Benzene	benzene-d6 (IS)	8.403	8.426	75,207	
Toluene-d8 (IS)		10.907	10.931	1,031,640	
Toluene	Toluene-d8 (IS)	11.008	11.020	96,073	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	18,061	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	34,808	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	13,058	

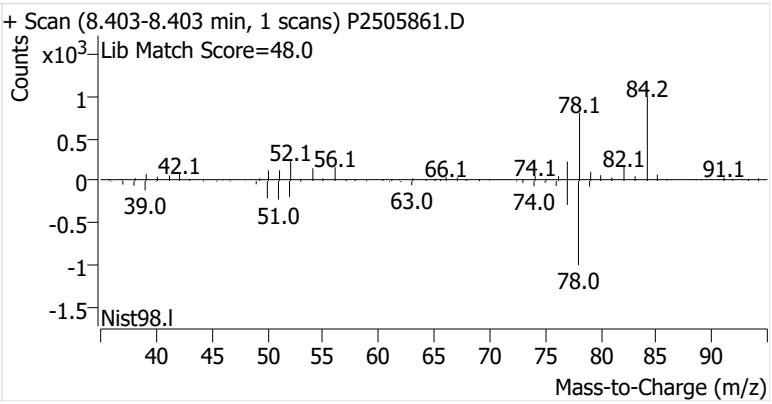
benzene-d6 (IS)



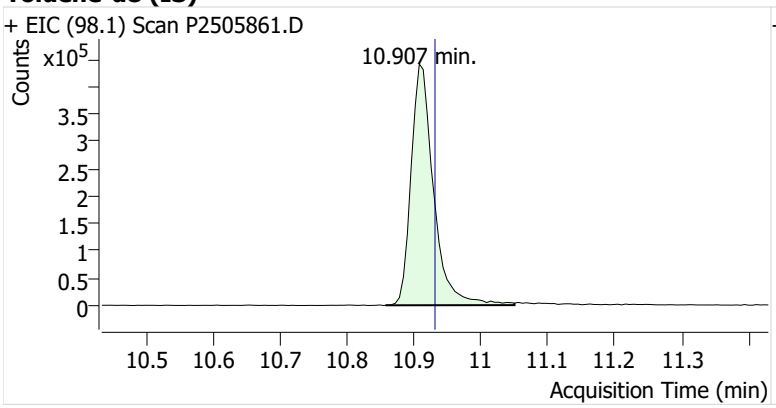


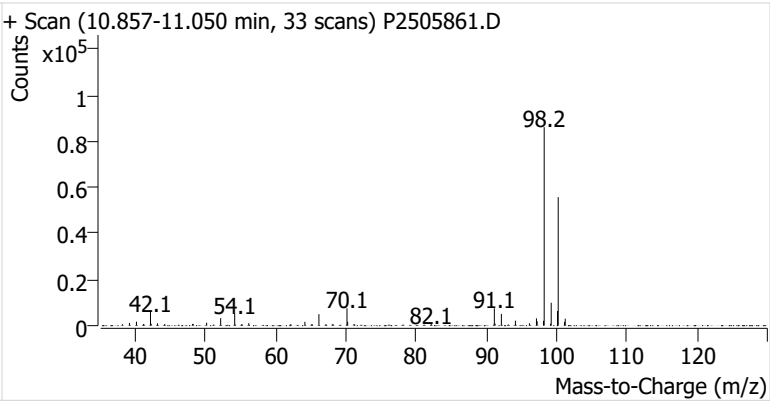
Benzene



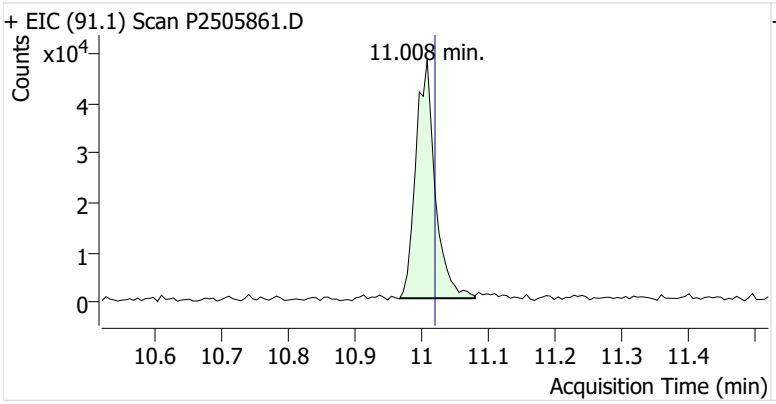


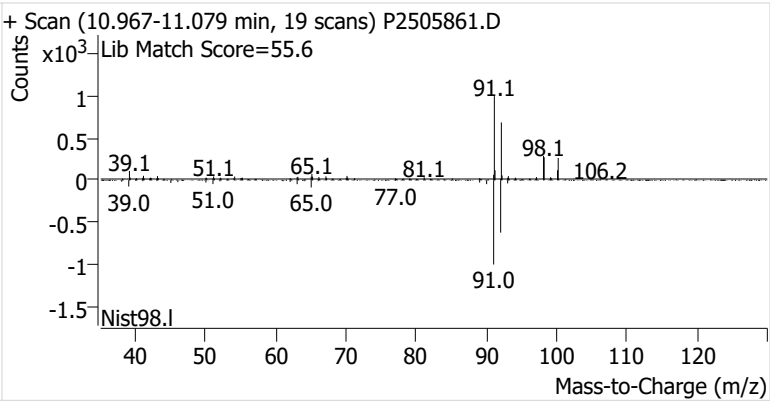
Toluene-d8 (IS)



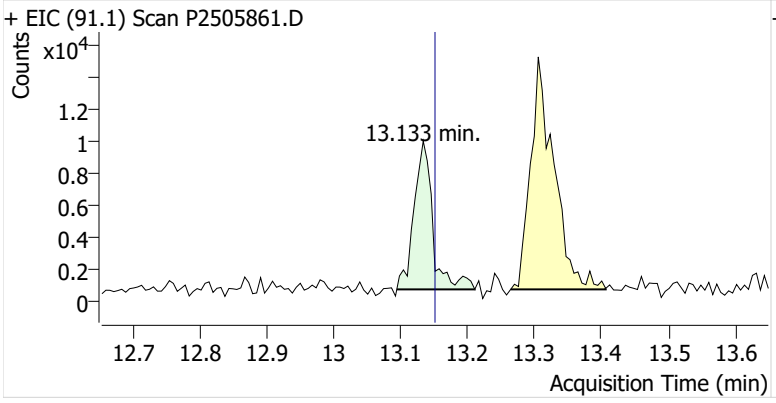


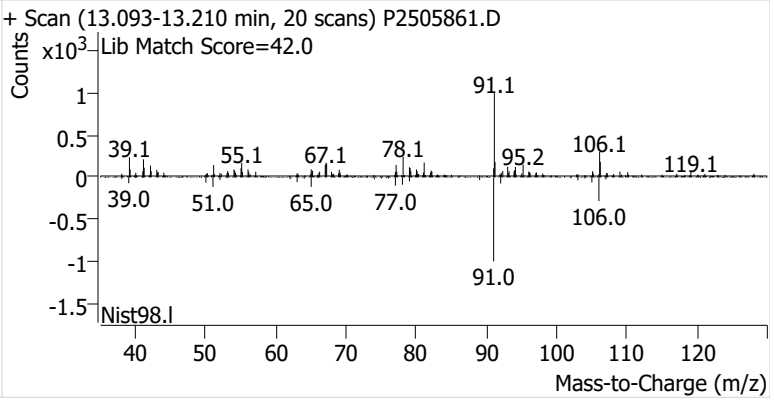
Toluene



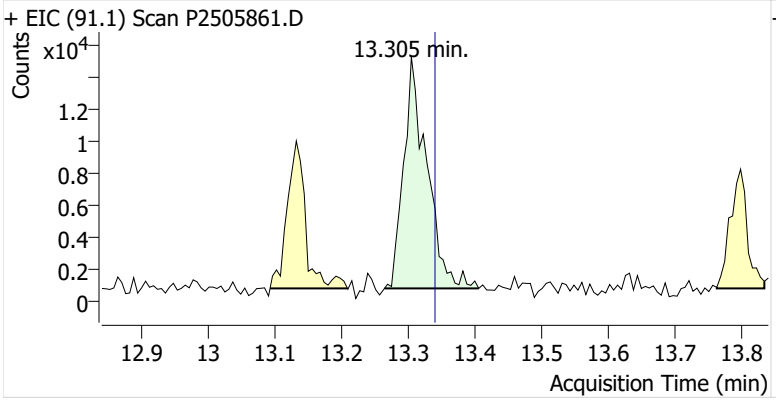


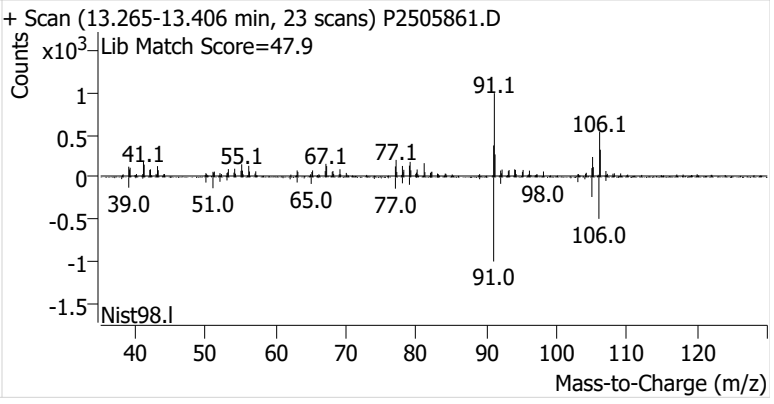
Ethylbenzene



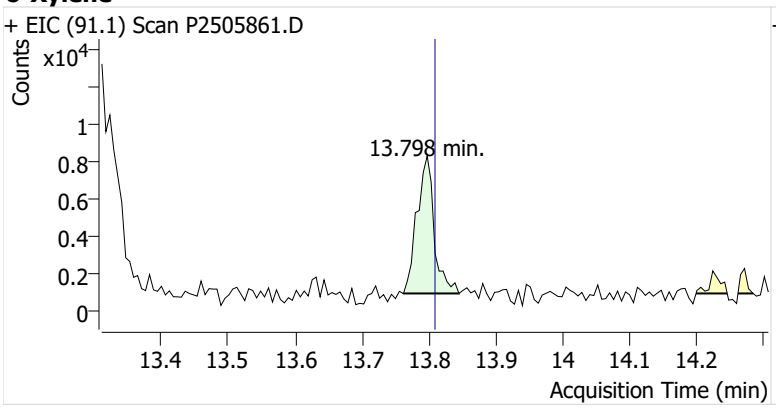


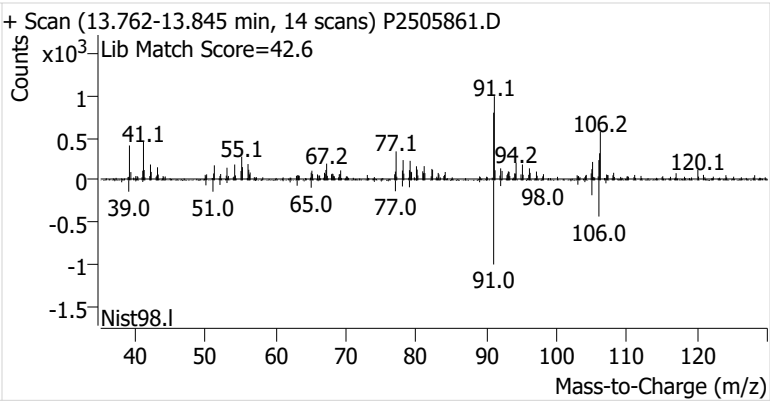
m-/p-Xylenes





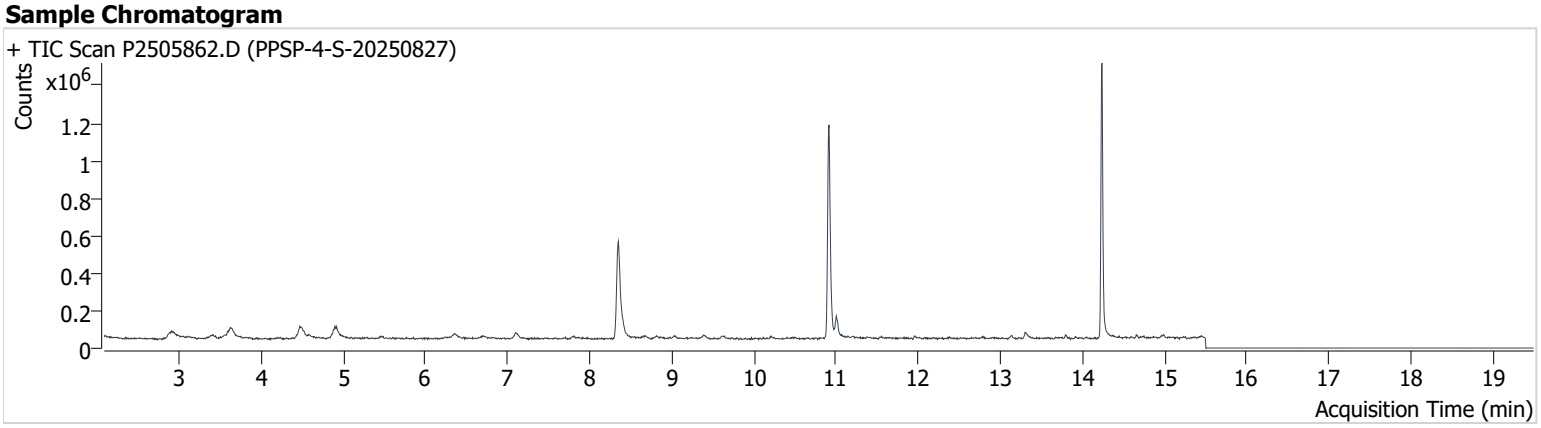
o-Xylene


+ EIC (91.1) Scan P2505861.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.798 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.762-13.845 min, 14 scans) P2505861.D
Lib Match Score=42.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.2
77.1
94.2
106.2
120.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

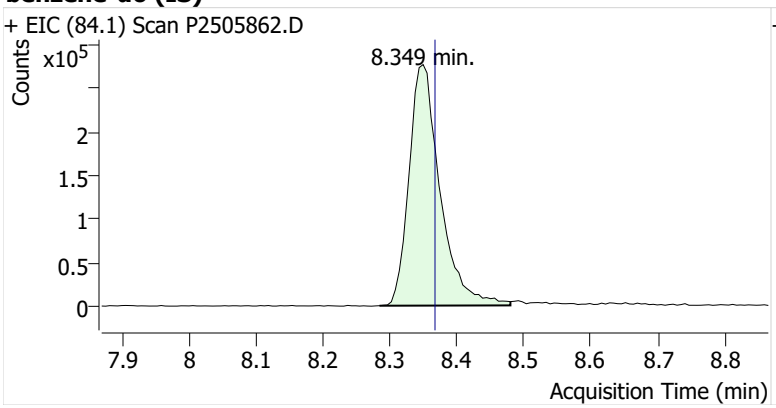
Name	PPSP-4-S-20250827
Comment	B43696
Data File	P2505862.D
Acq. Date-Time	9/15/2025 5:39:03 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

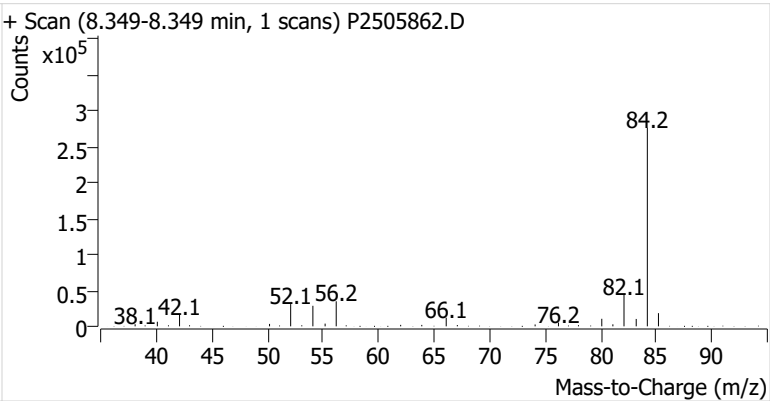
Sample Chromatogram



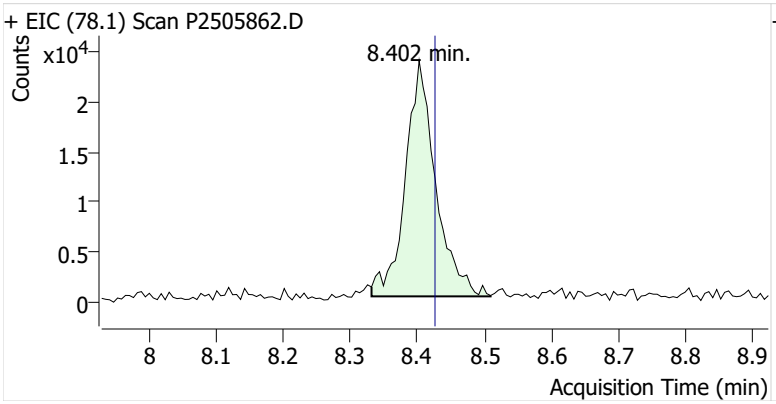
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	891,410	
Benzene	benzene-d6 (IS)	8.402	8.426	74,711	
Toluene-d8 (IS)		10.913	10.931	1,046,927	
Toluene	Toluene-d8 (IS)	11.002	11.020	89,985	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	13,827	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	31,129	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	11,259	

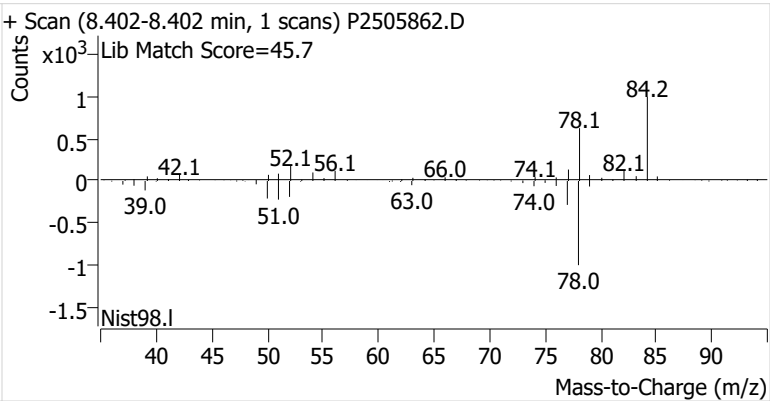
benzene-d6 (IS)



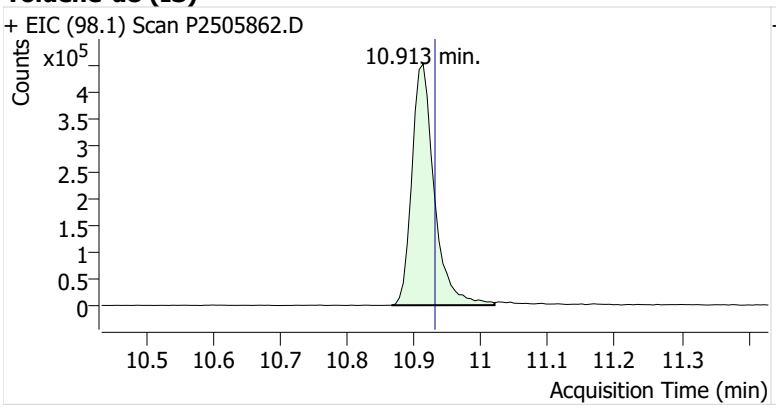


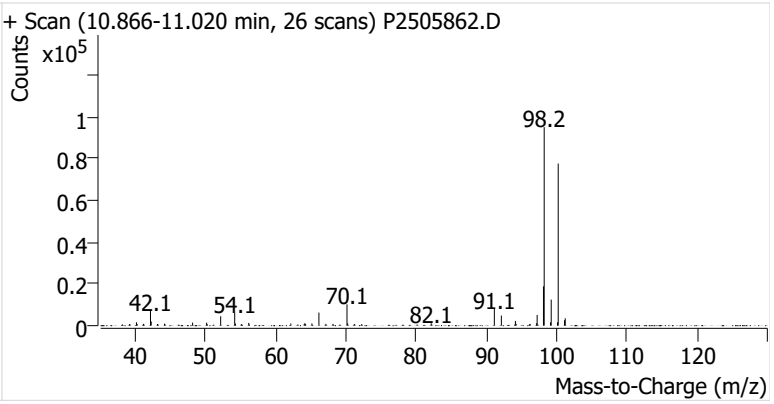
Benzene



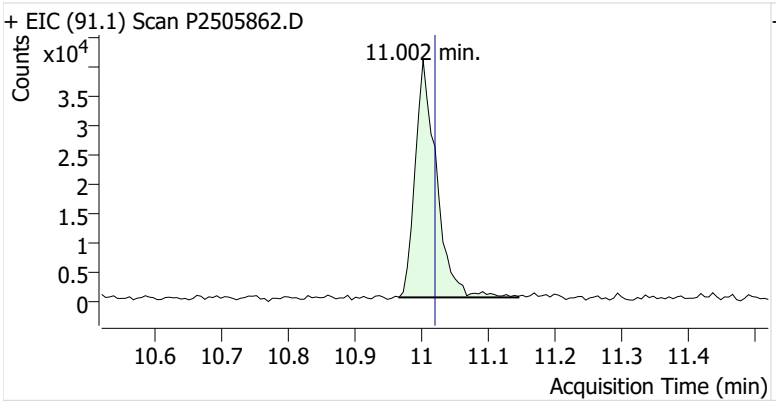


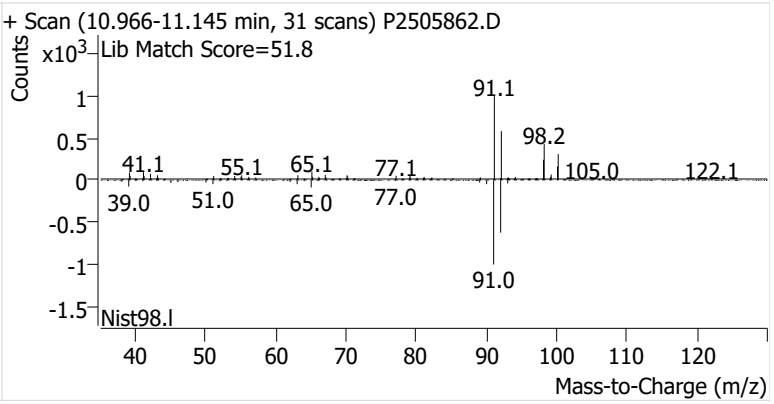
Toluene-d8 (IS)



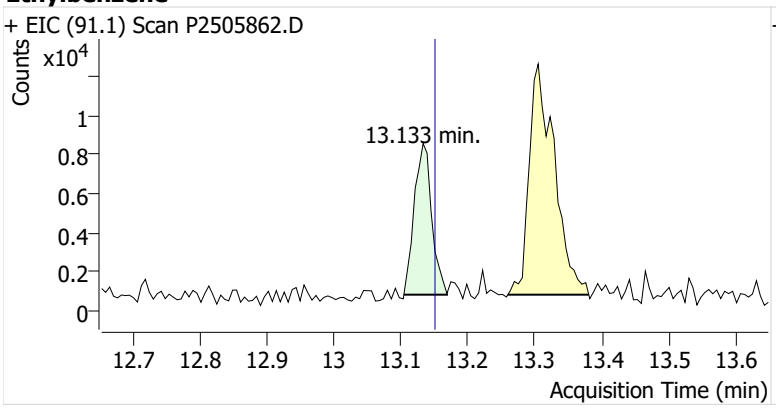


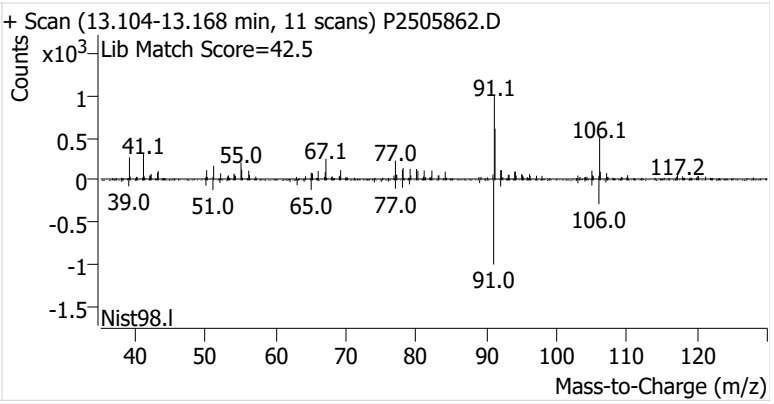
Toluene



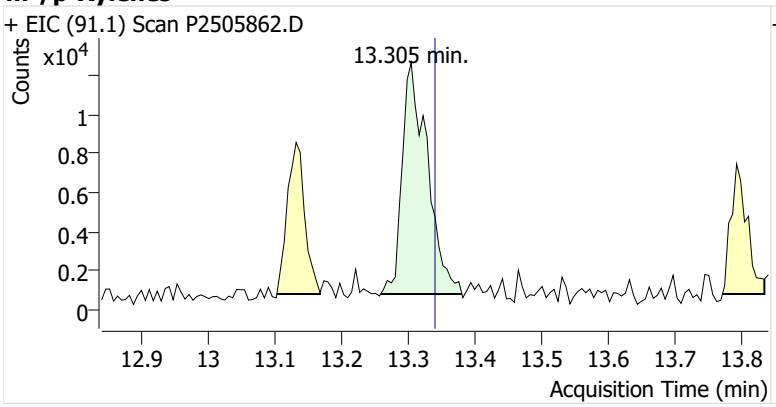


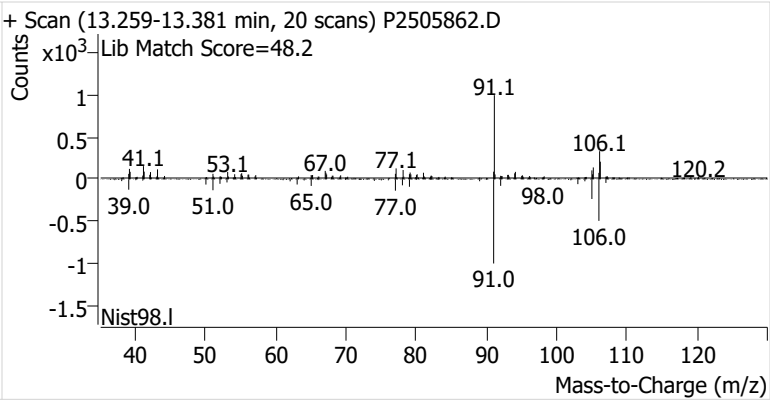
Ethylbenzene



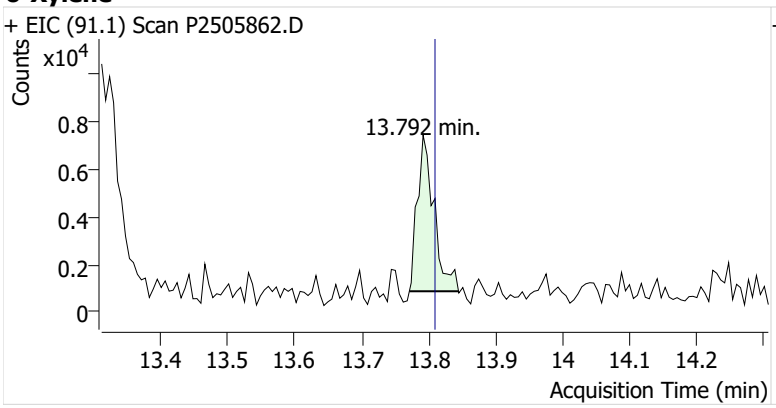


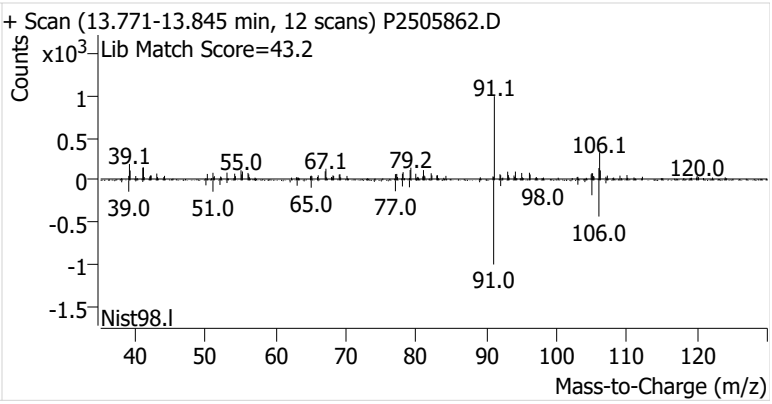
m-/p-Xylenes





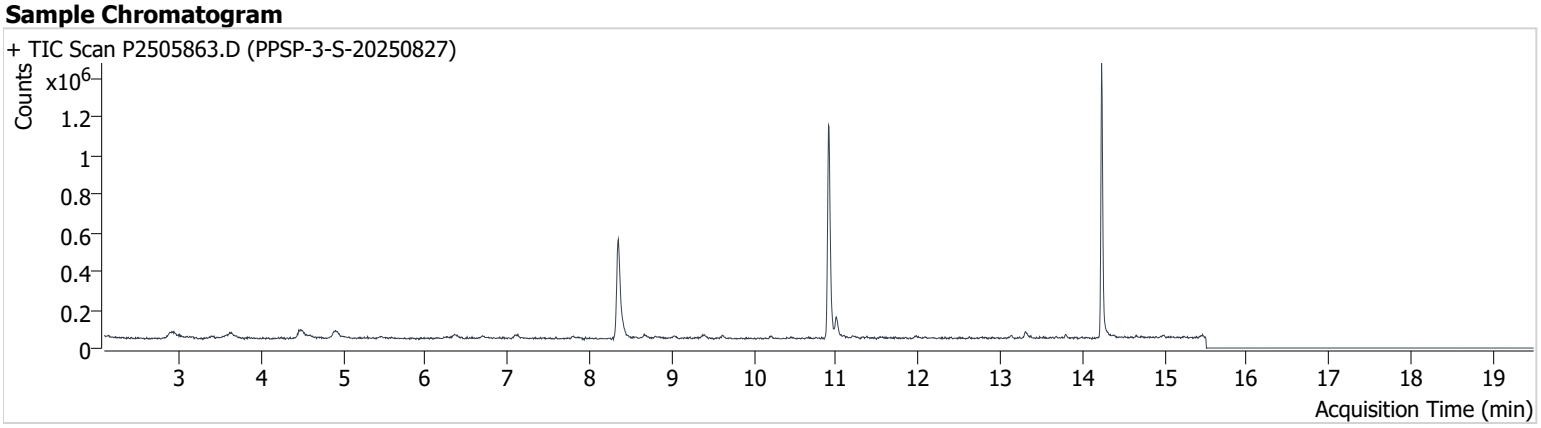
o-Xylene


+ EIC (91.1) Scan P2505862.D
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.792 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.771-13.845 min, 12 scans) P2505862.D
Counts
x10^3
Lib Match Score=43.2
1
0.5
0
-0.5
-1
-1.5
91.1
39.1
55.0
67.1
79.2
106.1
120.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

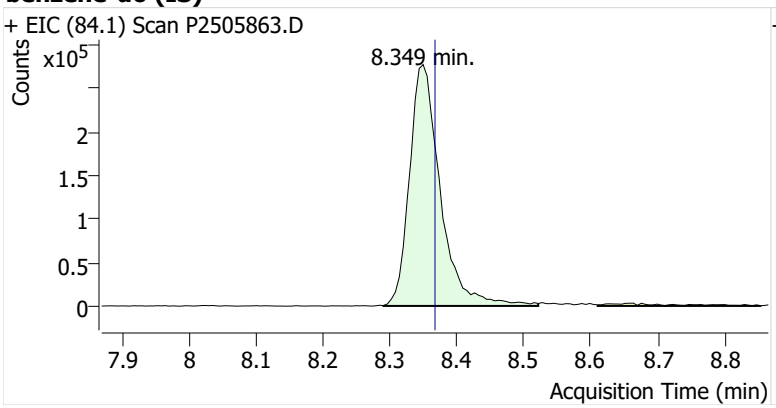
Name	PPSP-3-S-20250827
Comment	B16906
Data File	P2505863.D
Acq. Date-Time	9/15/2025 6:16:54 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

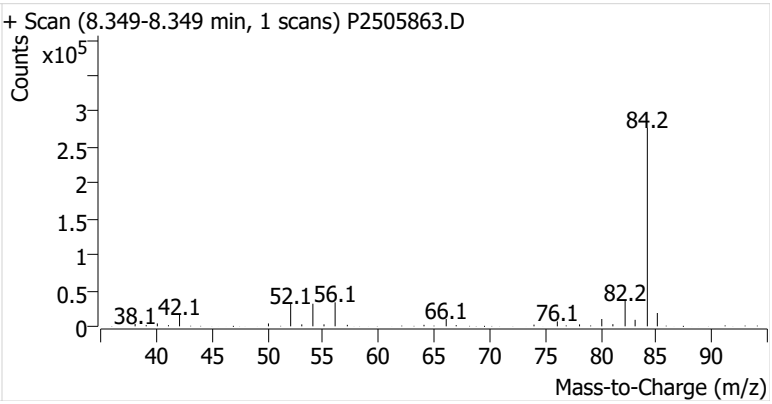
Sample Chromatogram



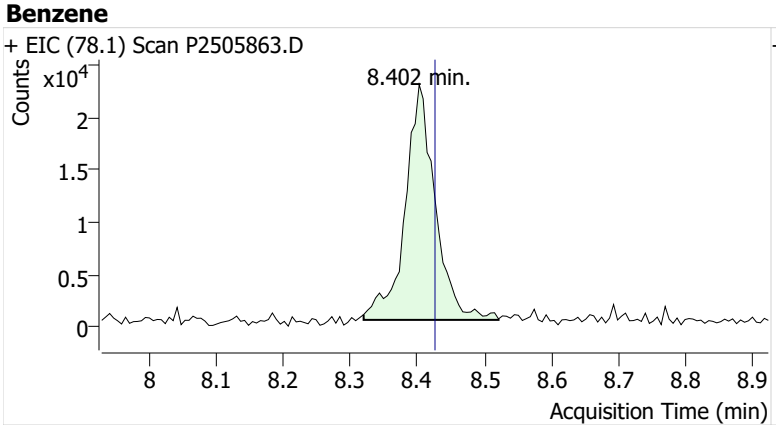
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	885,236	
Benzene	benzene-d6 (IS)	8.402	8.426	70,854	
Toluene-d8 (IS)		10.907	10.931	1,023,432	
Toluene	Toluene-d8 (IS)	11.002	11.020	90,283	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	12,472	
m-/p-Xylenes	Toluene-d8 (IS)	13.311	13.341	31,418	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	9,576	

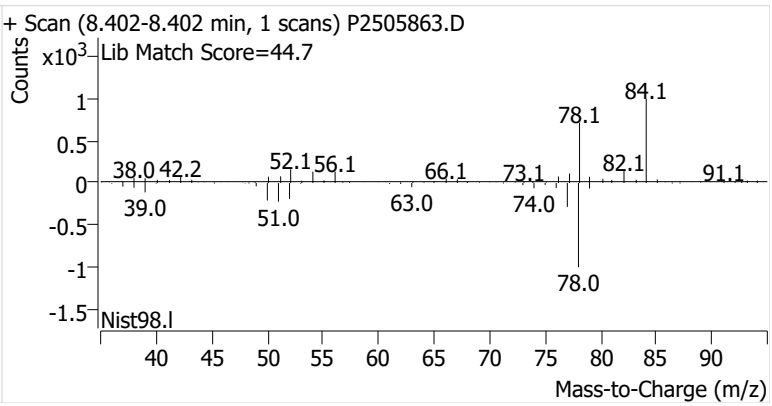
benzene-d6 (IS)



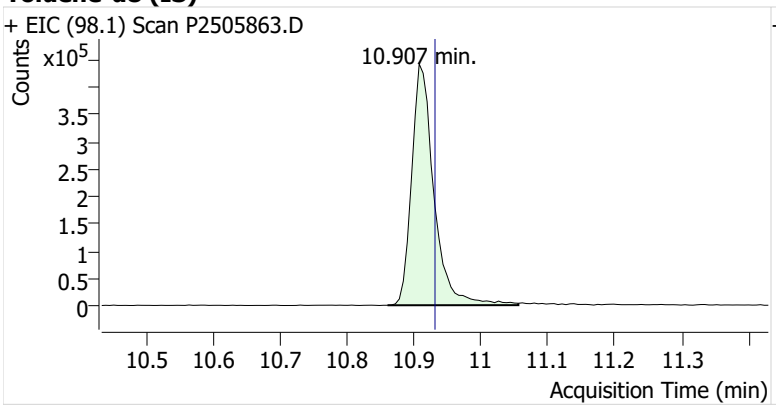


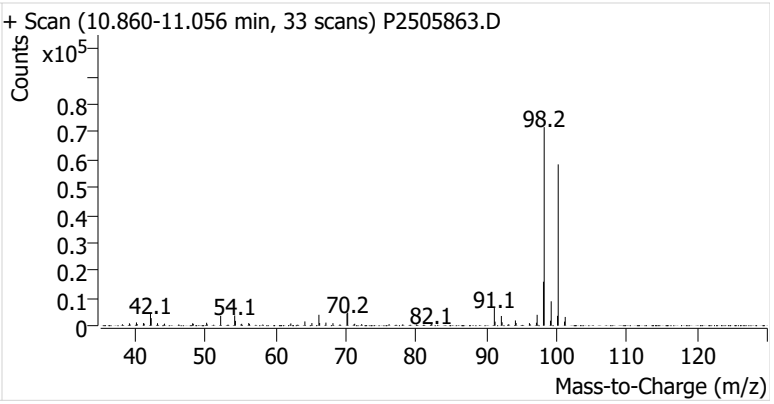
Benzene



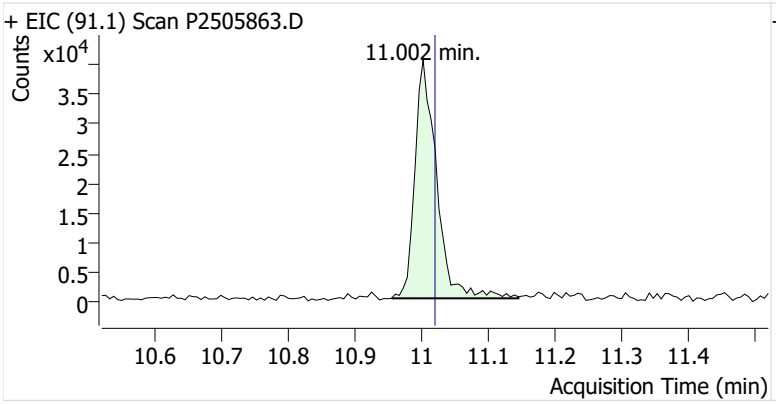


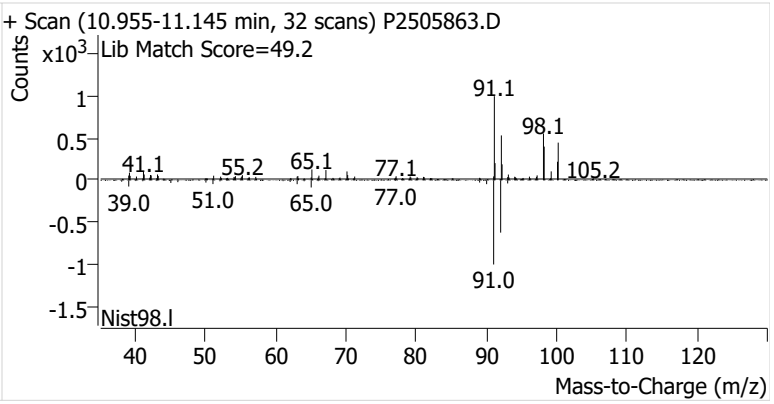
Toluene-d8 (IS)



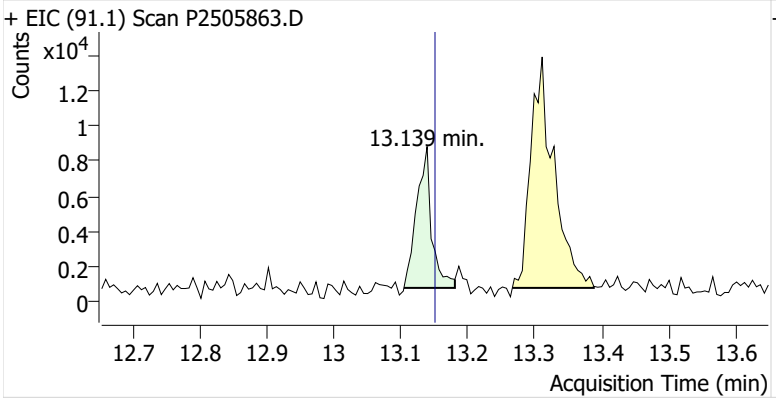


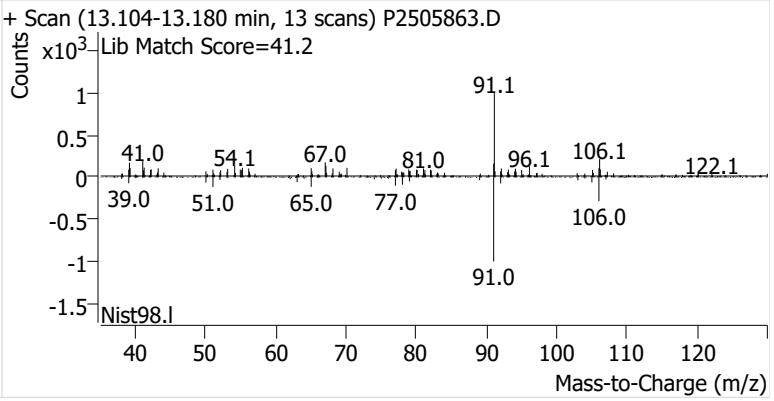
Toluene



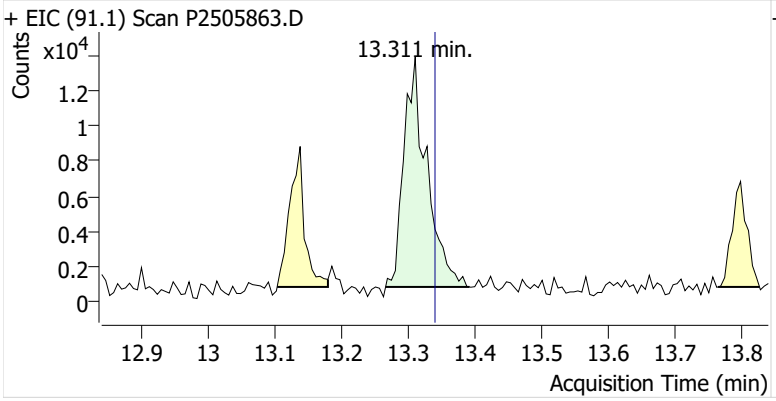


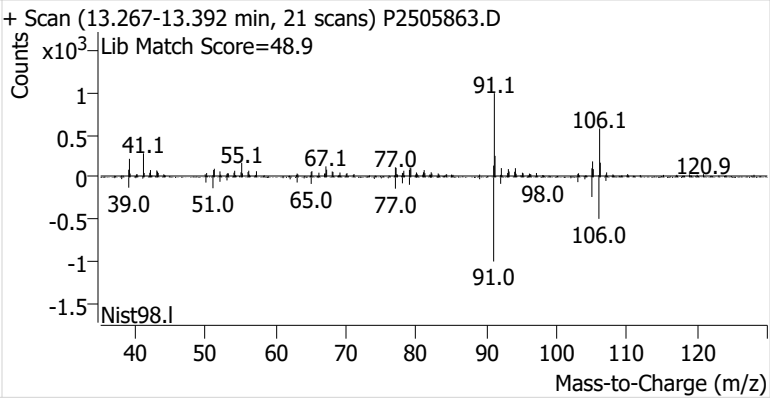
Ethylbenzene



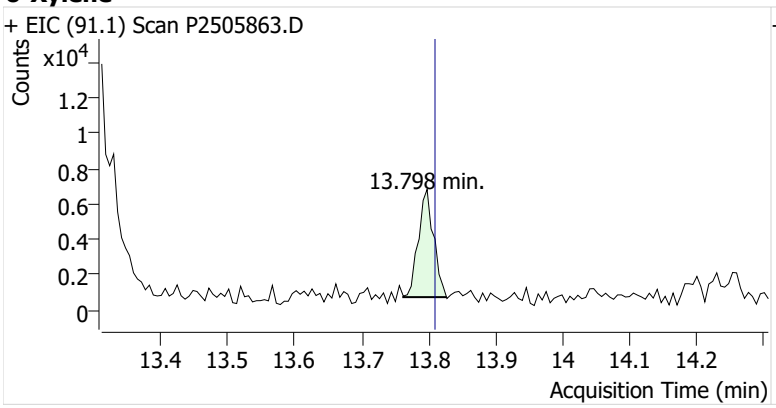


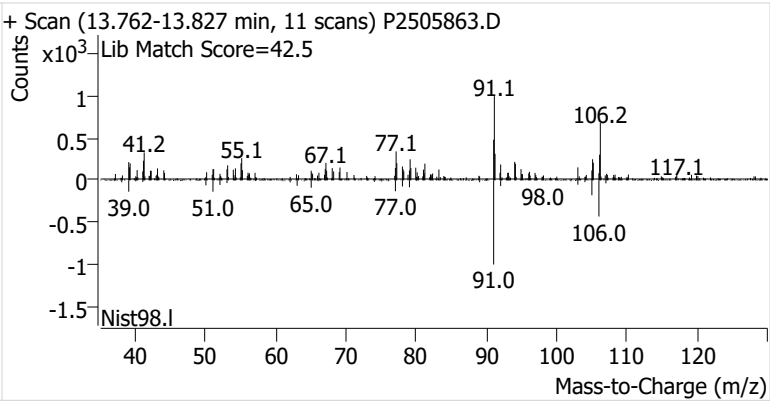
m-/p-Xylenes





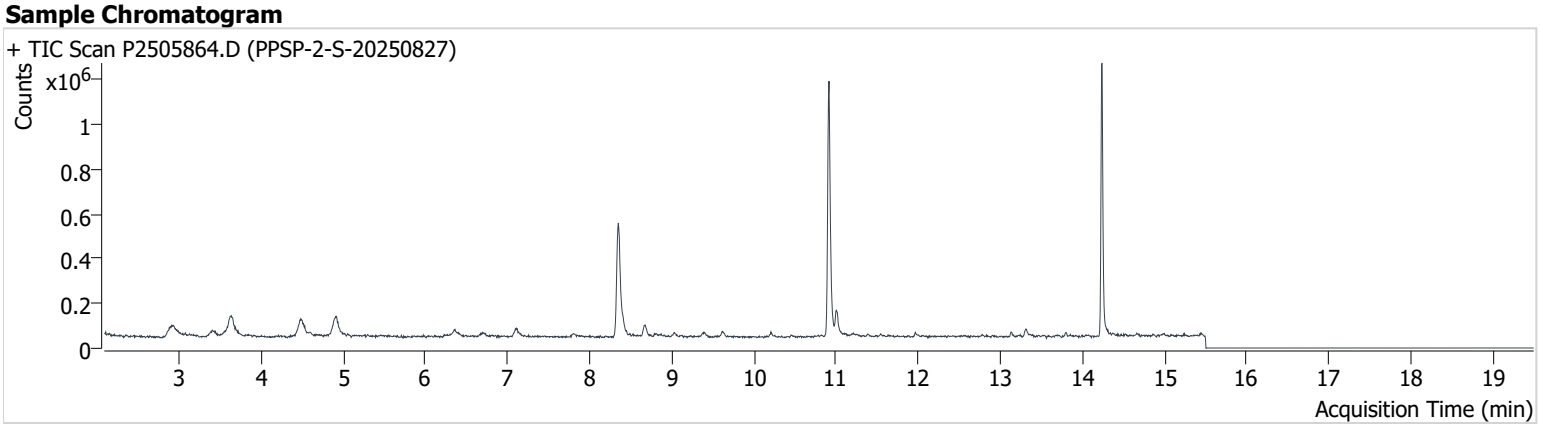
o-Xylene


+ EIC (91.1) Scan P2505863.D
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
13.798 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.762-13.827 min, 11 scans) P2505863.D
Lib Match Score=42.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.2
41.2
55.1
67.1
77.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

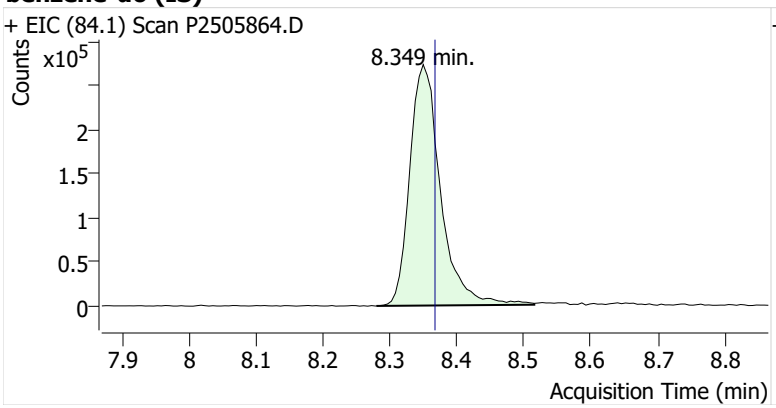
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Comment	C36915
Data File	P2505864.D
Acq. Date-Time	9/15/2025 6:54:46 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

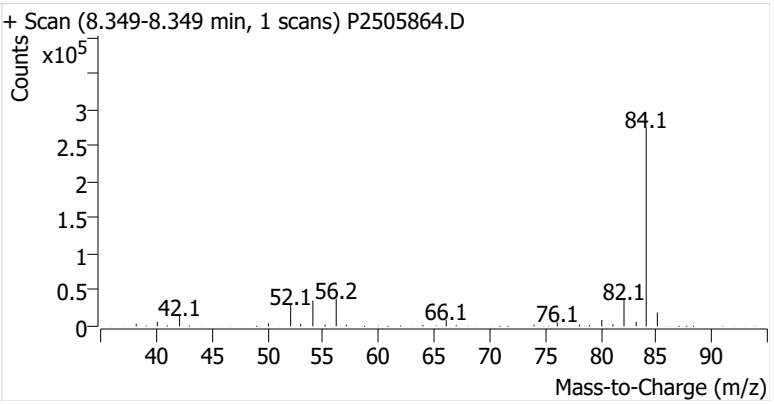
Sample Chromatogram



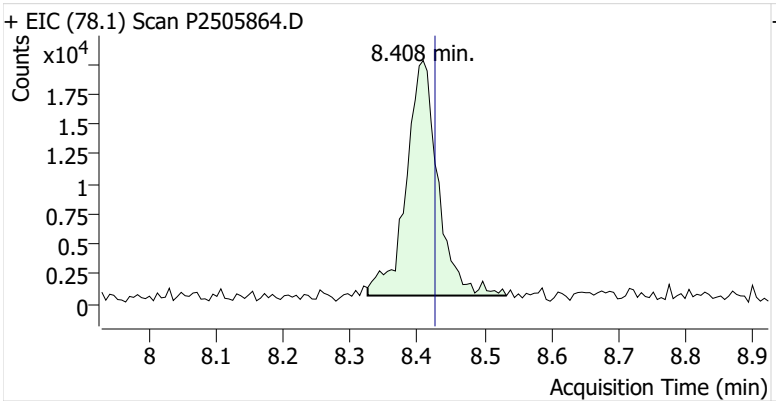
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	876,700	
Benzene	benzene-d6 (IS)	8.408	8.426	65,197	
Toluene-d8 (IS)		10.913	10.931	1,023,909	
Toluene	Toluene-d8 (IS)	11.002	11.020	91,567	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	13,752	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	29,914	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	10,211	

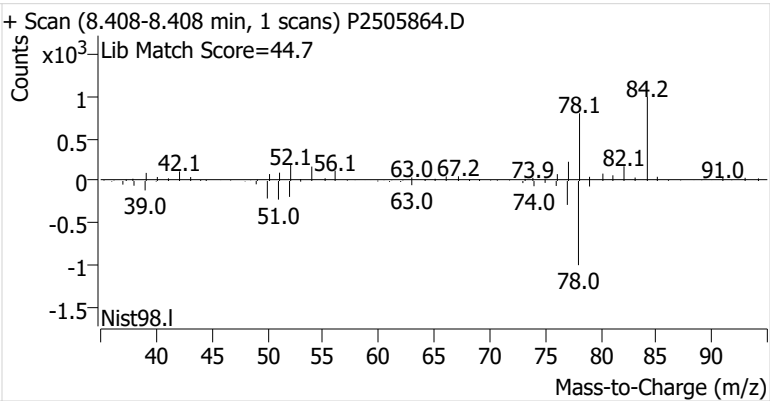
benzene-d6 (IS)



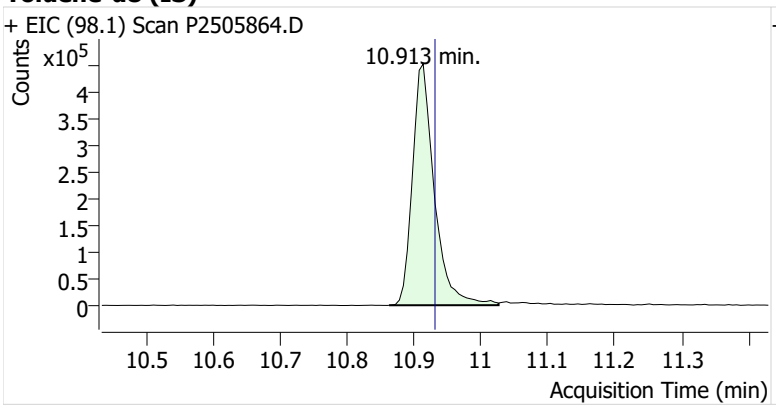


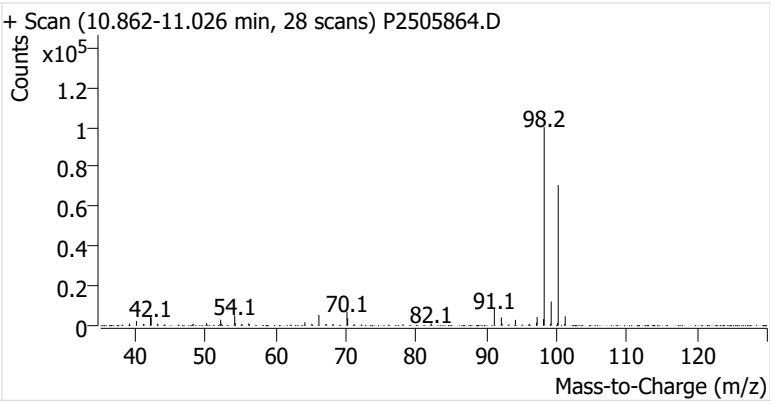
Benzene



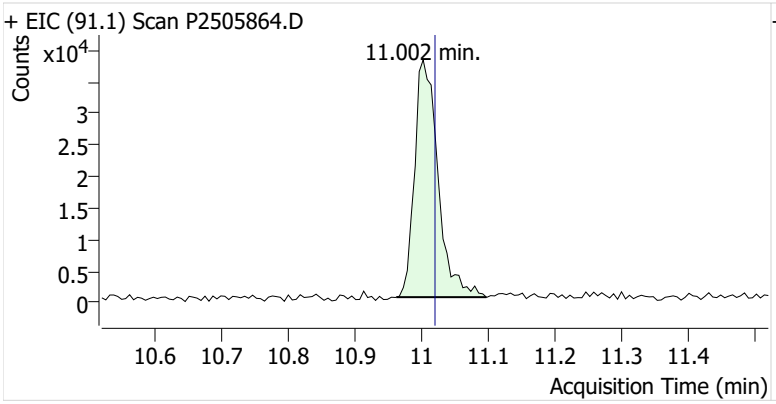


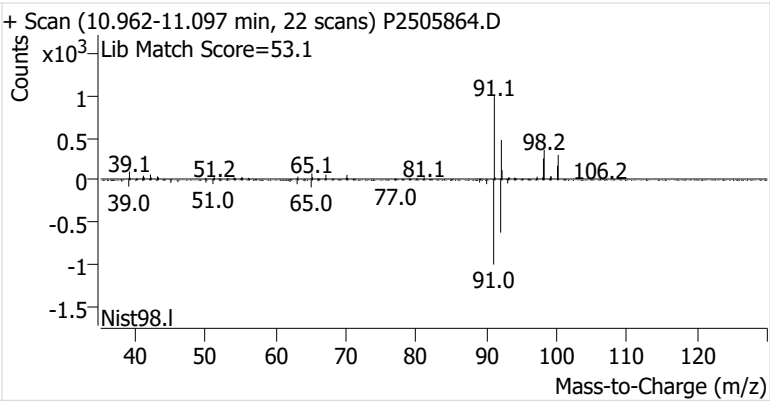
Toluene-d8 (IS)



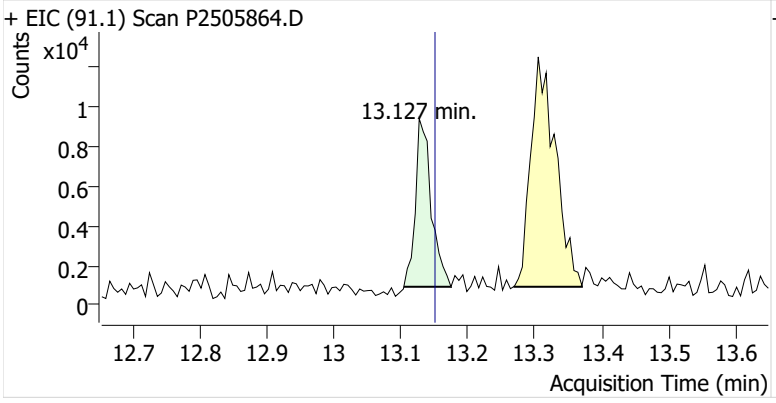


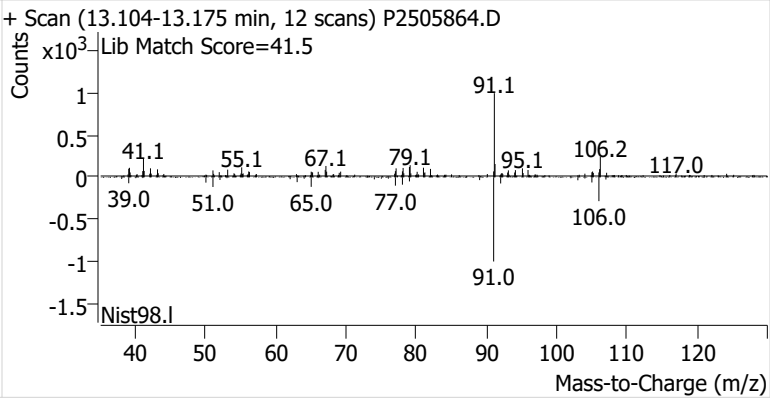
Toluene



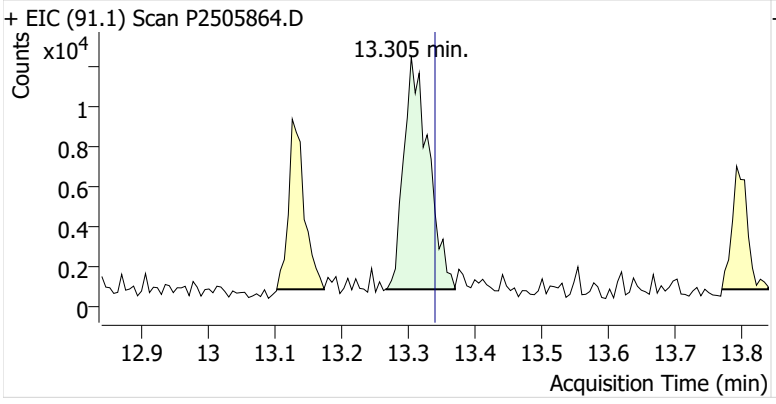


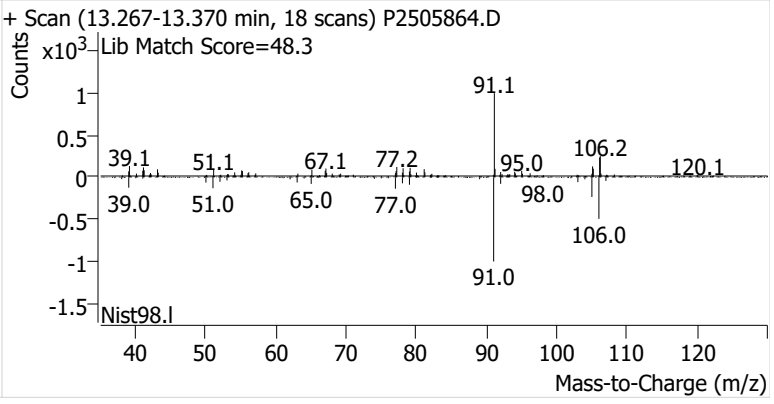
Ethylbenzene



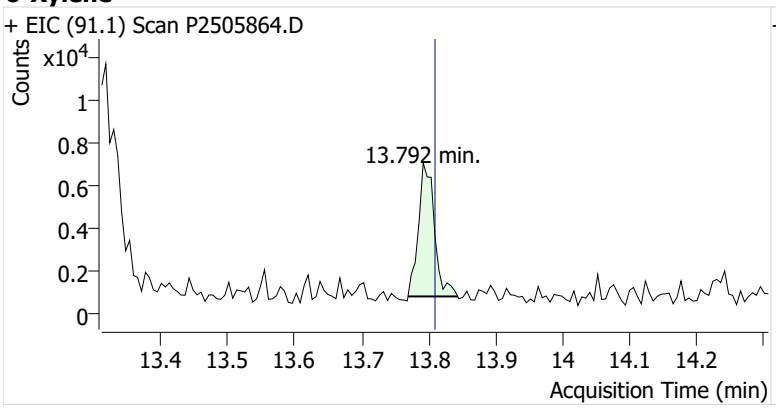


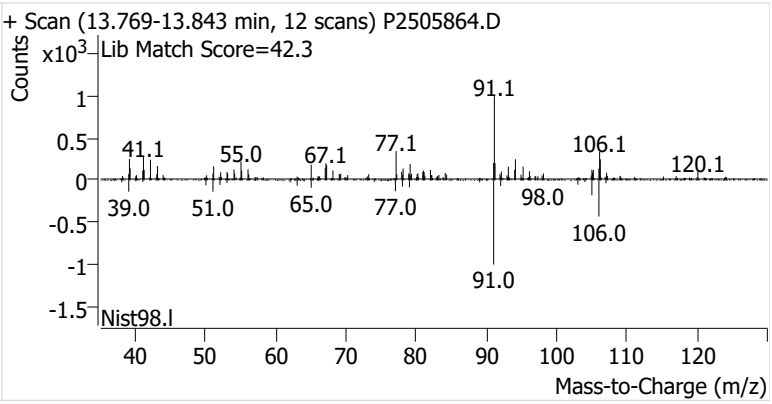
m-/p-Xylenes





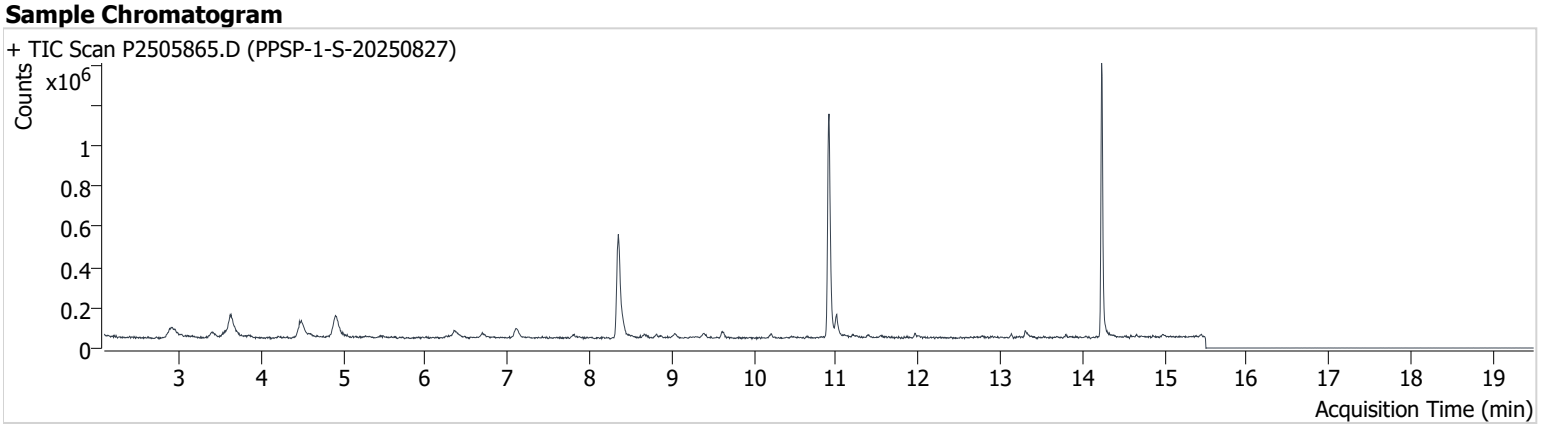
o-Xylene


+ EIC (91.1) Scan P2505864.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.792 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.769-13.843 min, 12 scans) P2505864.D
Lib Match Score=42.3
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.0
67.1
77.1
106.1
120.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

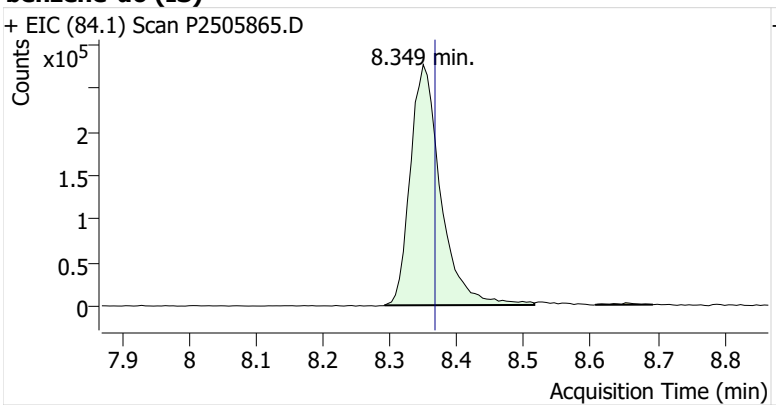
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Comment	C55406
Data File	P2505865.D
Acq. Date-Time	9/15/2025 7:32:39 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

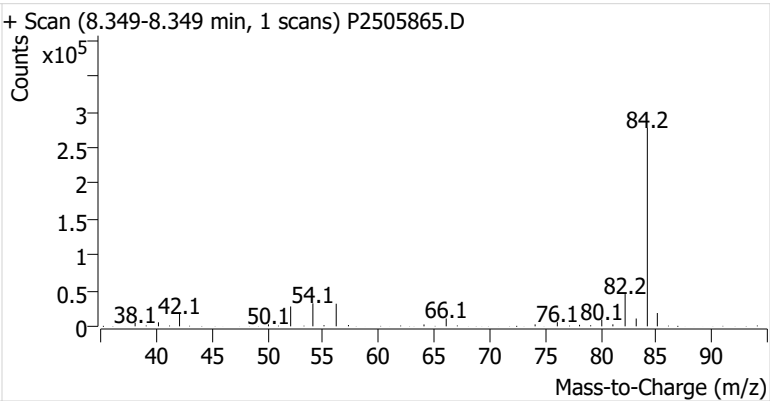
Sample Chromatogram



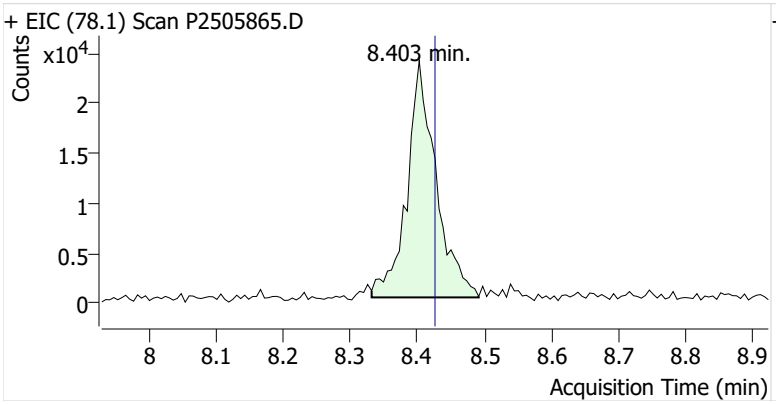
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	874,586	
Benzene	benzene-d6 (IS)	8.403	8.426	71,900	
Toluene-d8 (IS)		10.913	10.931	1,022,119	
Toluene	Toluene-d8 (IS)	11.008	11.020	86,654	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	8,966	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	26,481	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	10,374	

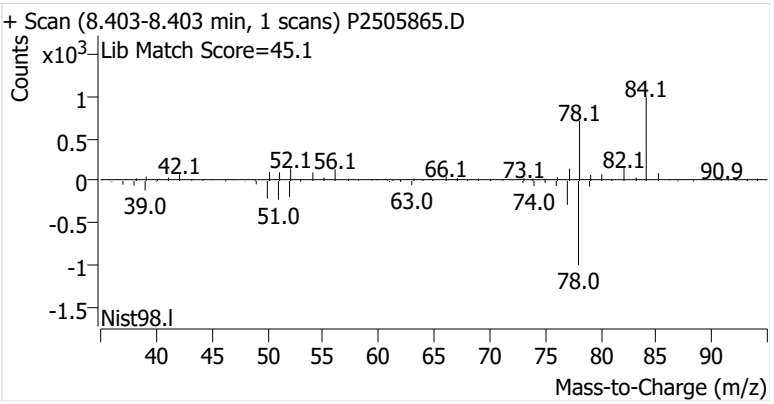
benzene-d6 (IS)



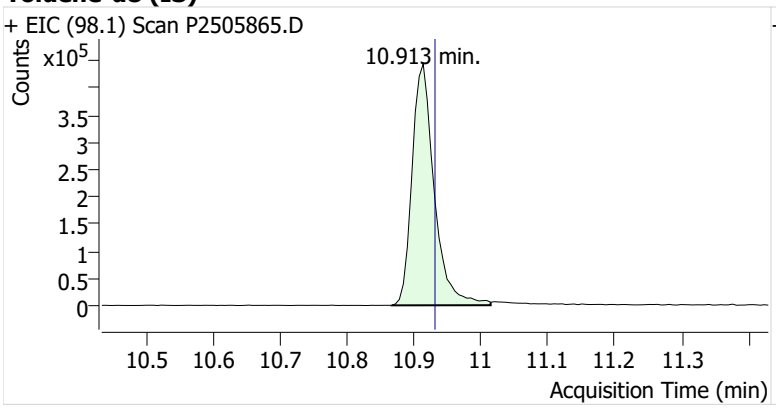


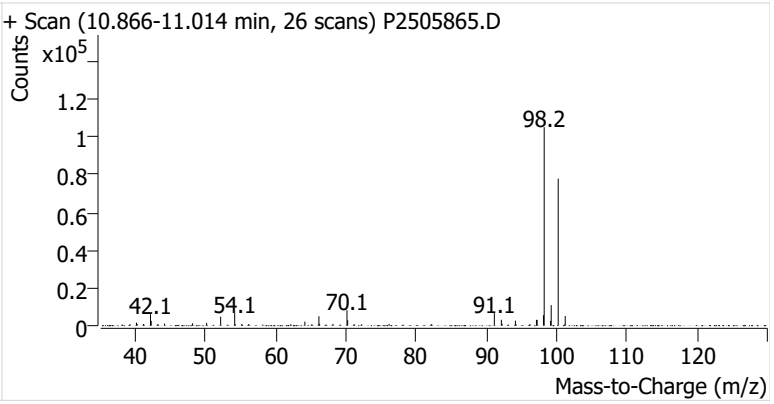
Benzene



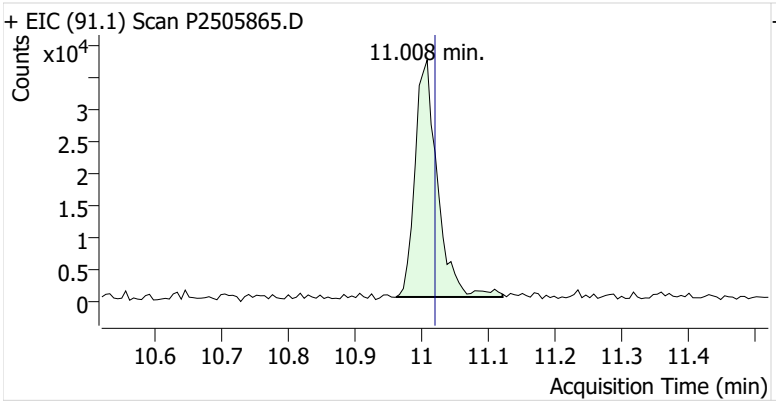


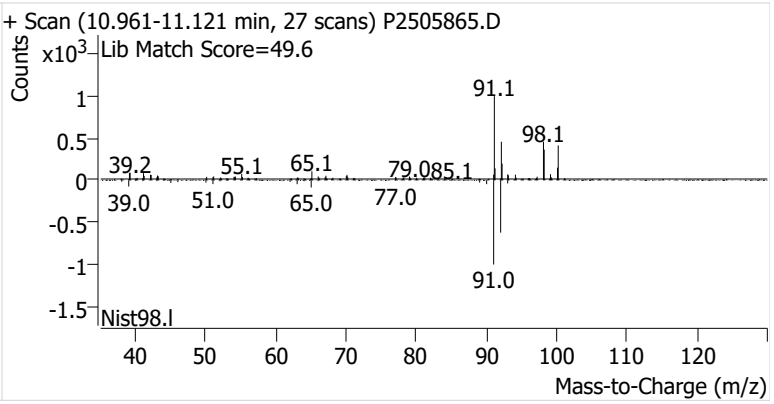
Toluene-d8 (IS)



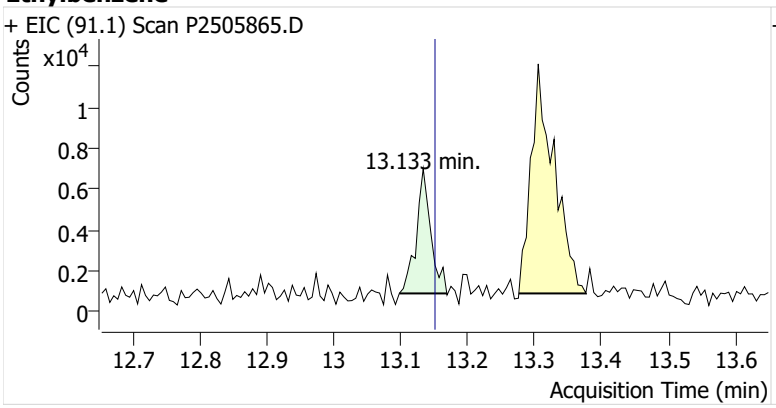


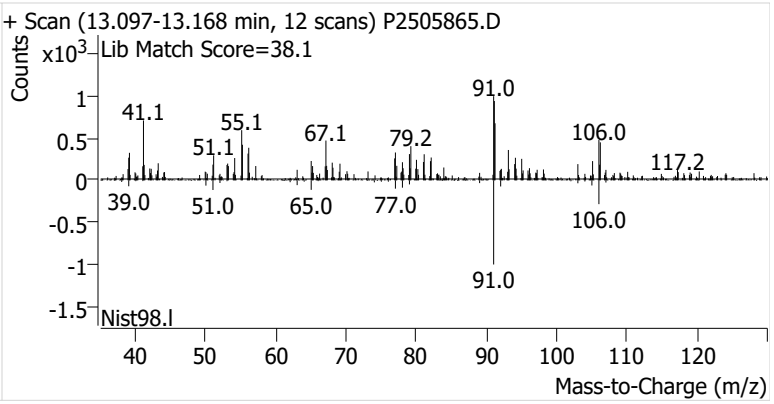
Toluene



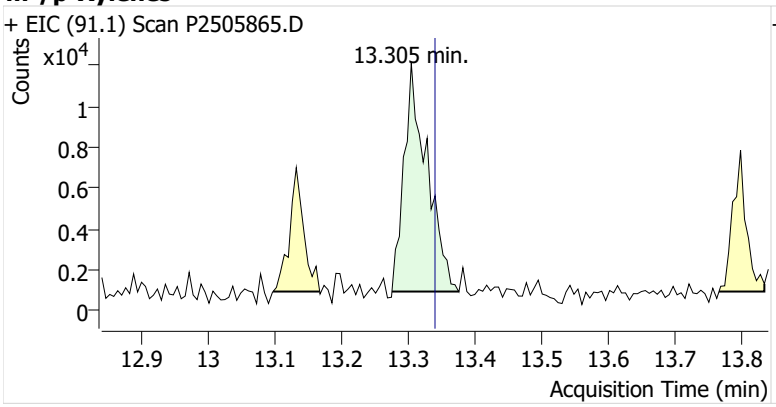


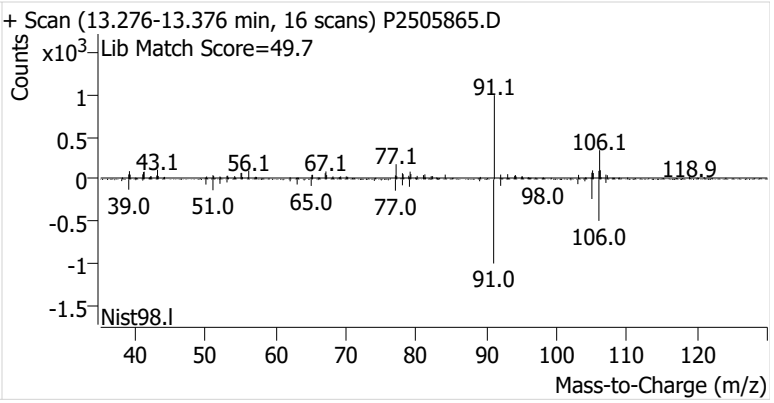
Ethylbenzene



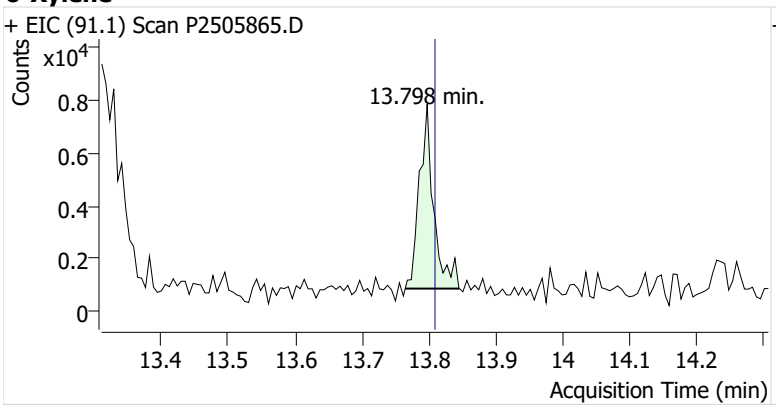


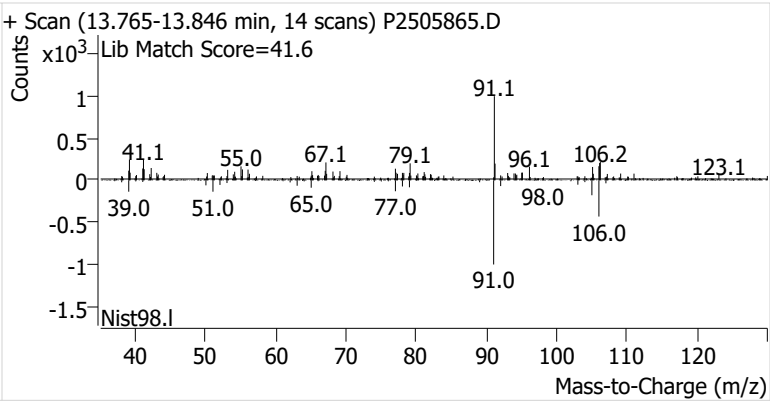
m-/p-Xylenes





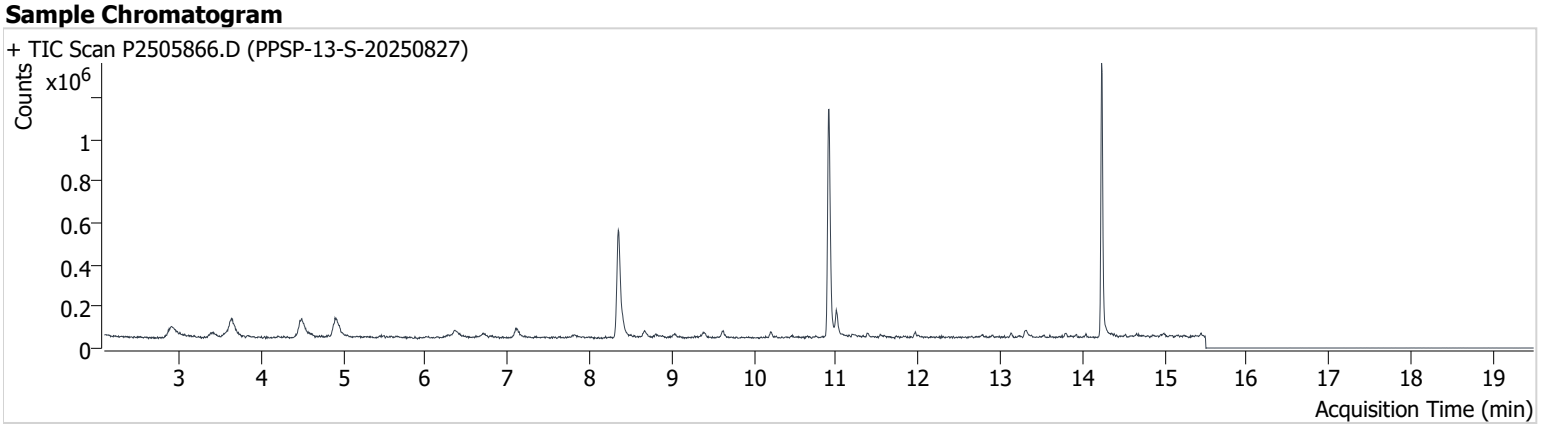
o-Xylene


+ EIC (91.1) Scan P2505865.D
Counts
x10^4
0.8
0.6
0.4
0.2
0
13.798 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.765-13.846 min, 14 scans) P2505865.D
Lib Match Score=41.6
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.0
67.1
79.1
96.1
106.2
123.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

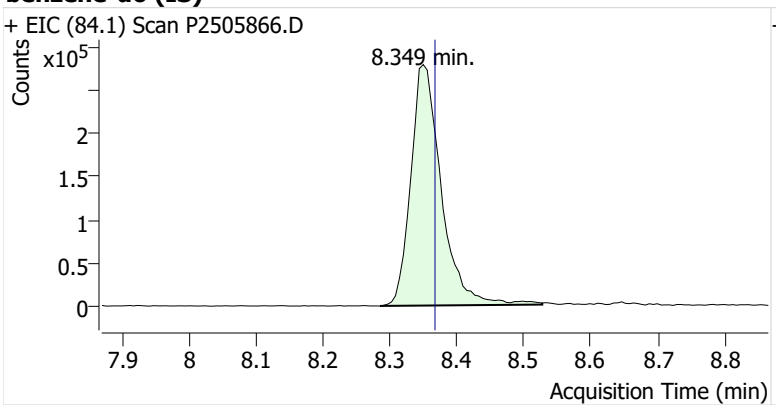
Name	PPSP-13-S-20250827
Comment	C36875
Data File	P2505866.D
Acq. Date-Time	9/15/2025 8:10:30 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

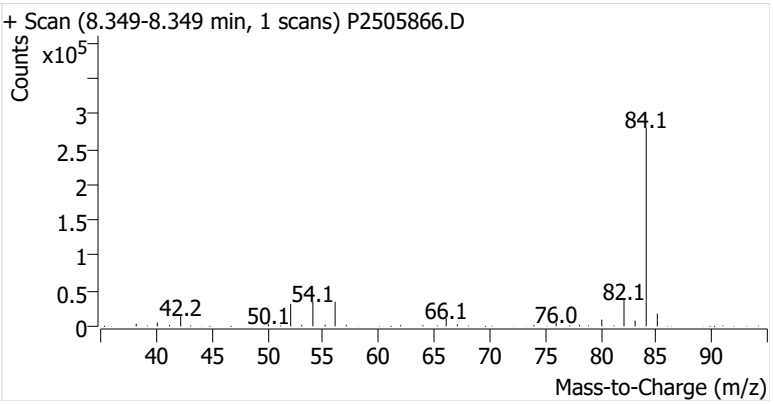
Sample Chromatogram



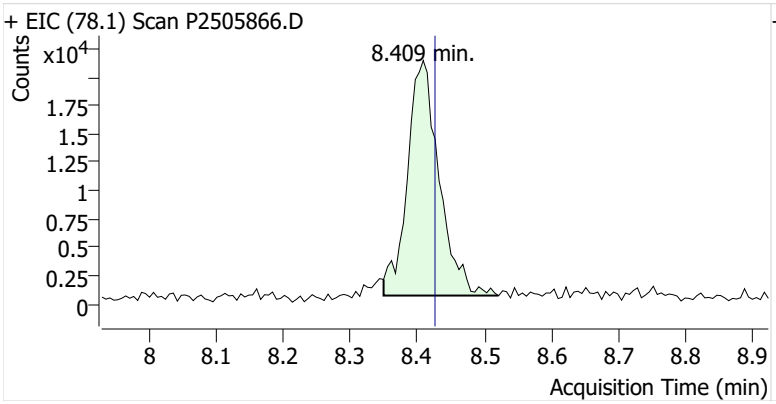
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	886,925	
Benzene	benzene-d6 (IS)	8.409	8.426	68,839	
Toluene-d8 (IS)		10.907	10.931	1,040,311	
Toluene	Toluene-d8 (IS)	11.002	11.020	100,633	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	12,816	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	32,701	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	13,636	

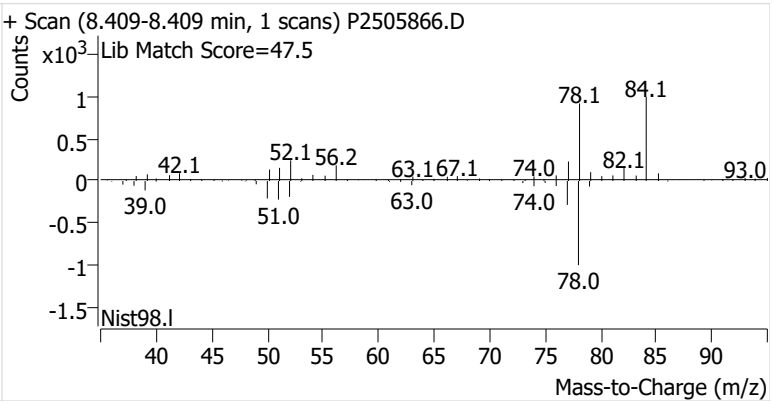
benzene-d6 (IS)



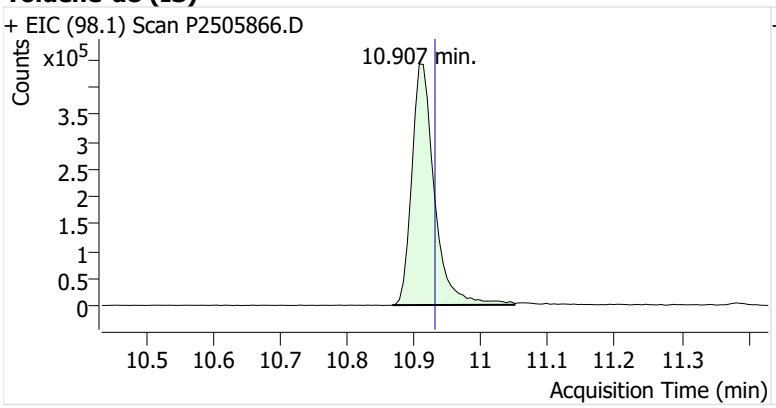


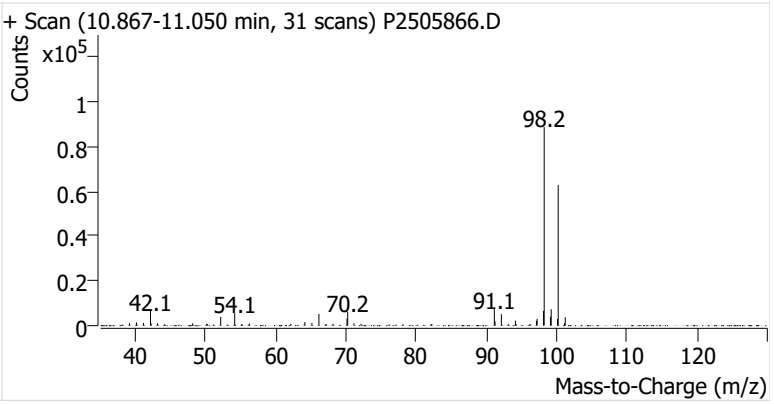
Benzene



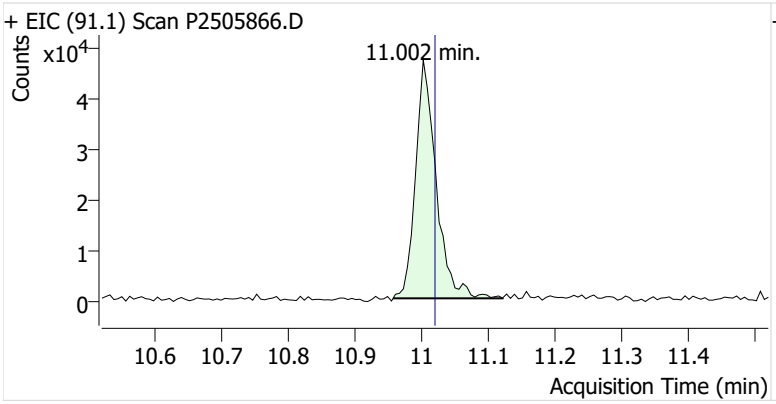


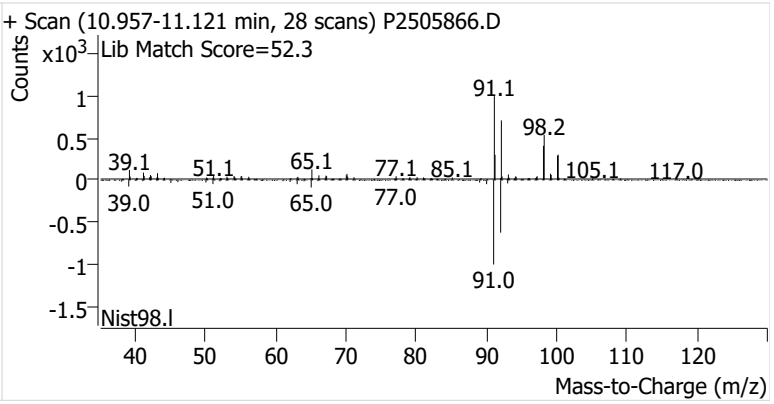
Toluene-d8 (IS)



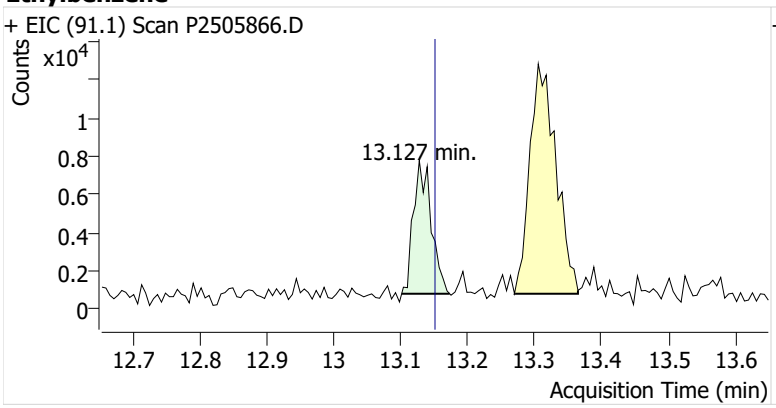


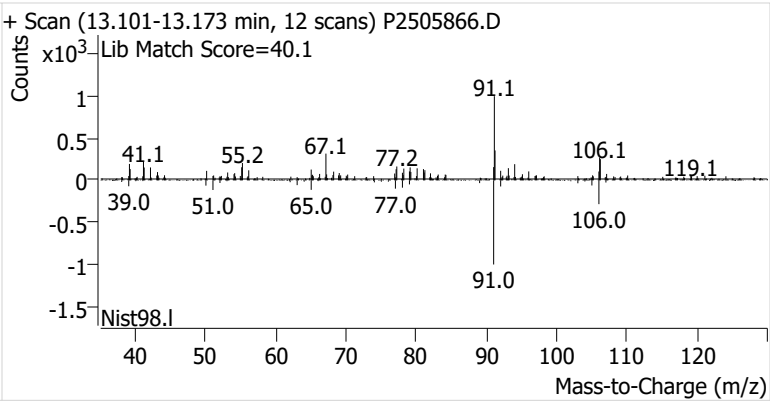
Toluene



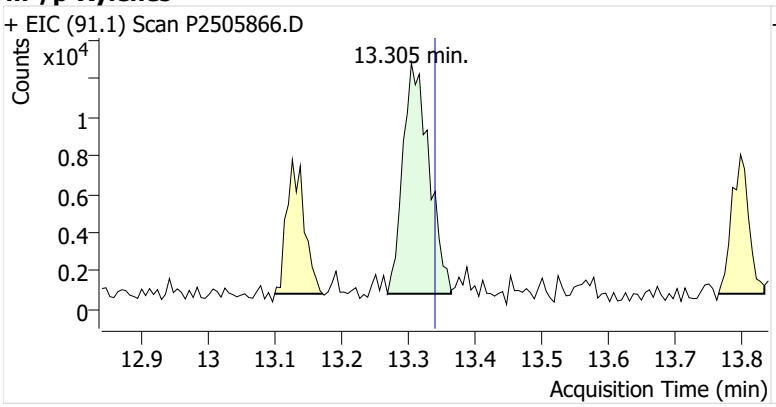


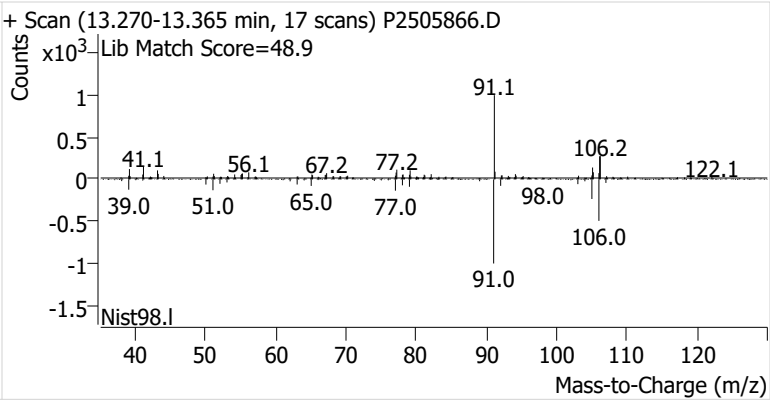
Ethylbenzene



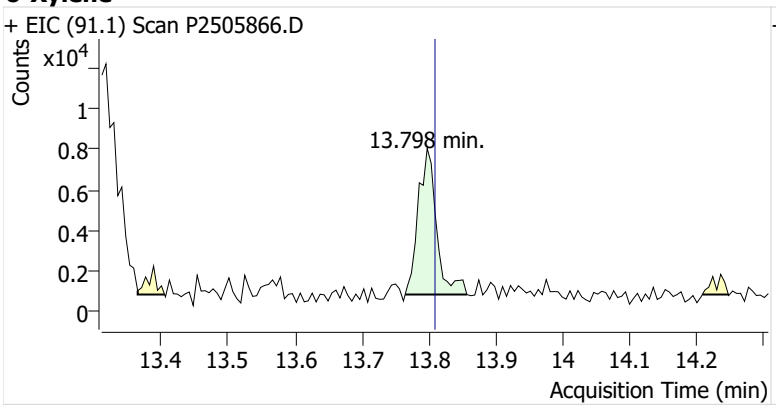


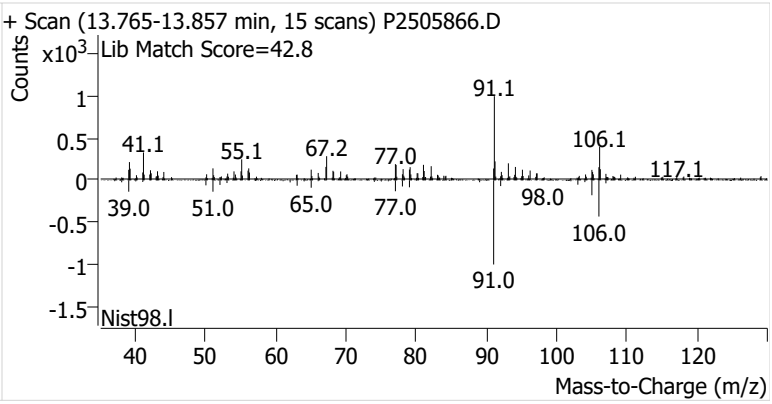
m-/p-Xylenes





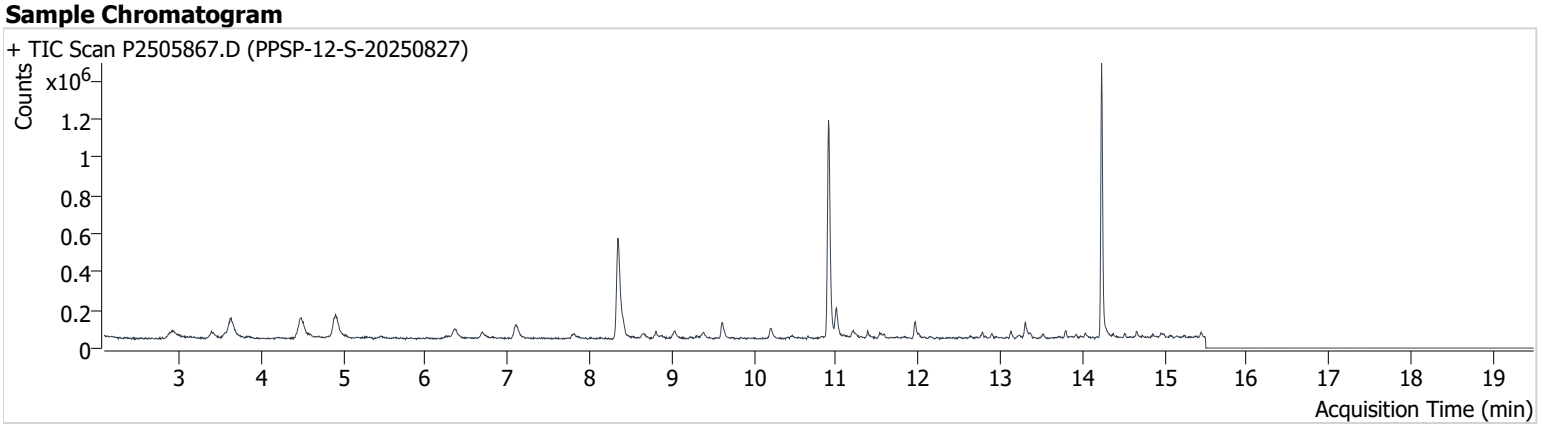
o-Xylene


+ EIC (91.1) Scan P2505866.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.798 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.765-13.857 min, 15 scans) P2505866.D
Lib Match Score=42.8
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.2
77.0
106.1
117.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

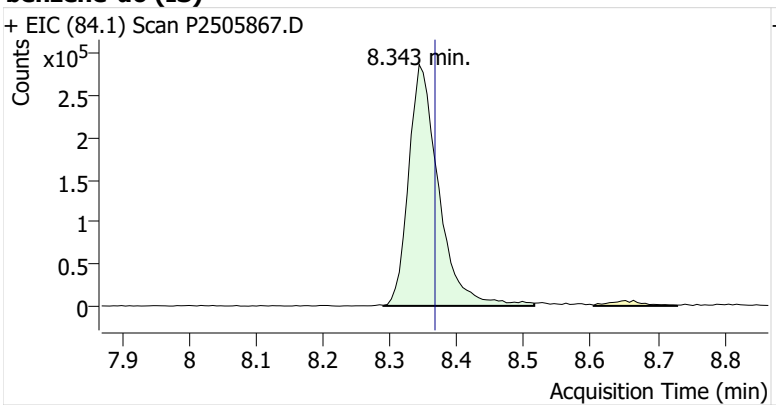
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Comment	B50808
Data File	P2505867.D
Acq. Date-Time	9/15/2025 8:48:21 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

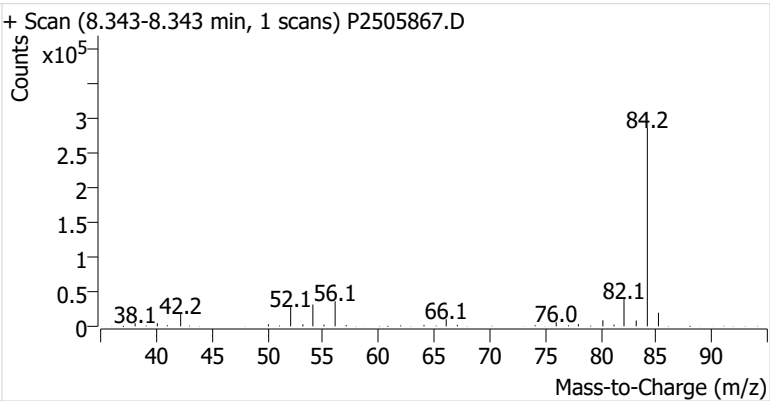
Sample Chromatogram



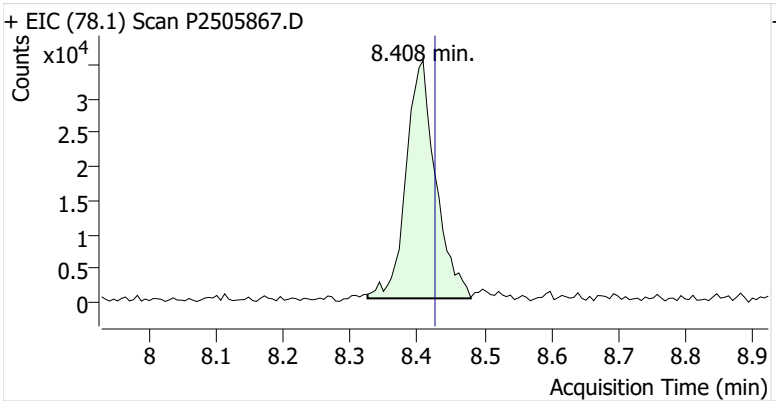
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	893,015	
Benzene	benzene-d6 (IS)	8.408	8.426	107,721	
Toluene-d8 (IS)		10.907	10.931	1,056,324	
Toluene	Toluene-d8 (IS)	11.002	11.020	134,794	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	24,912	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	59,297	
o-Xylene	Toluene-d8 (IS)	13.798	13.809	25,167	

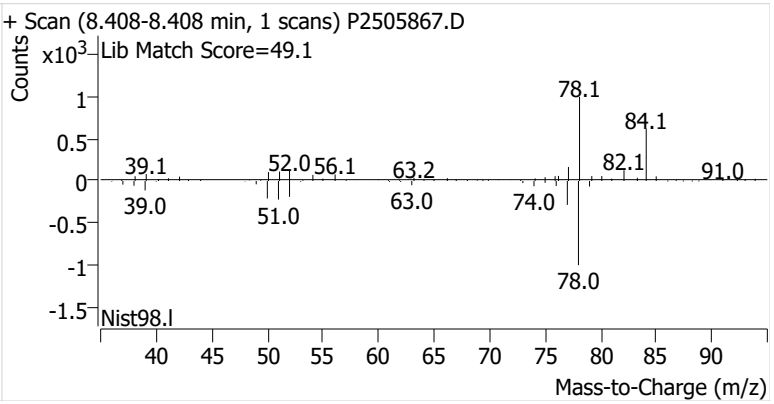
benzene-d6 (IS)



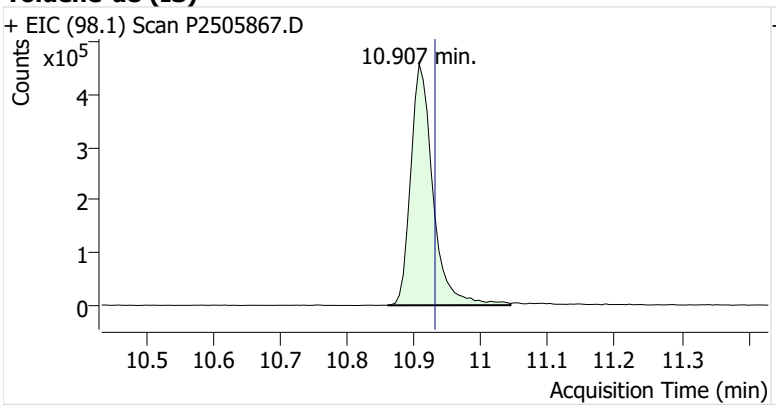


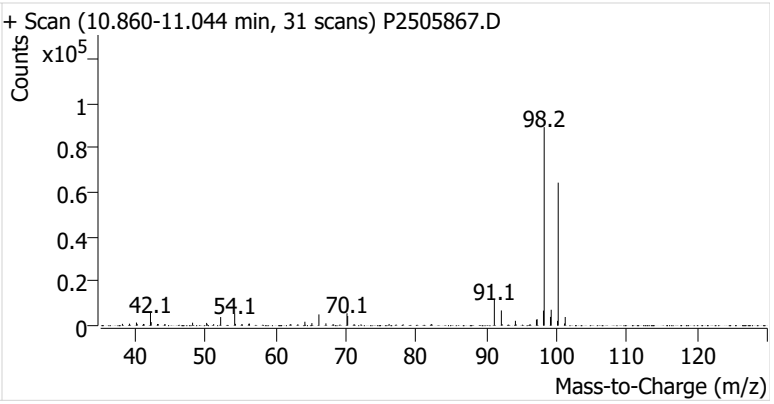
Benzene



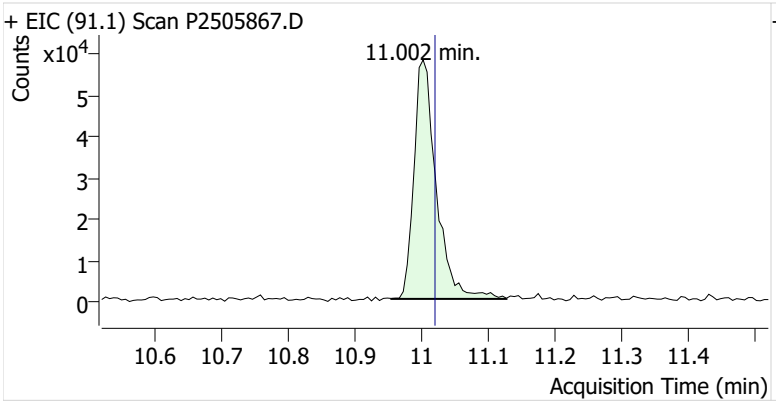


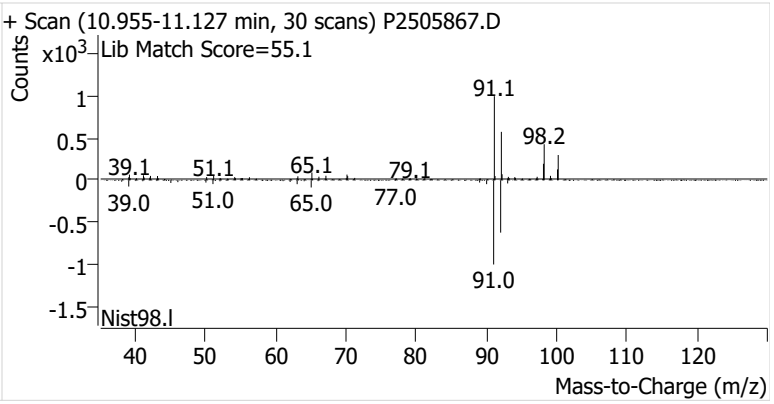
Toluene-d8 (IS)



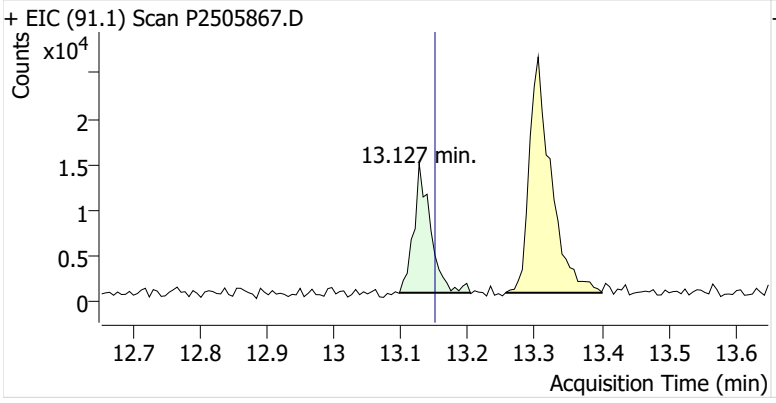


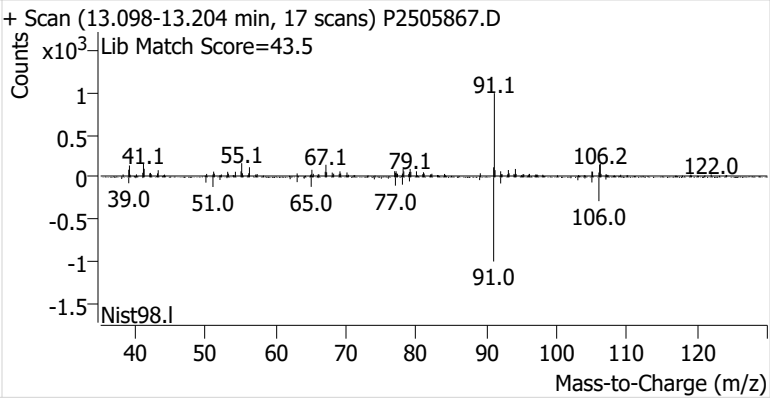
Toluene



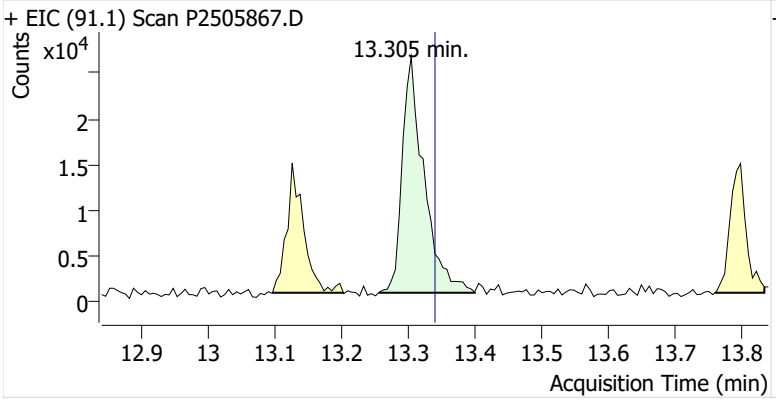


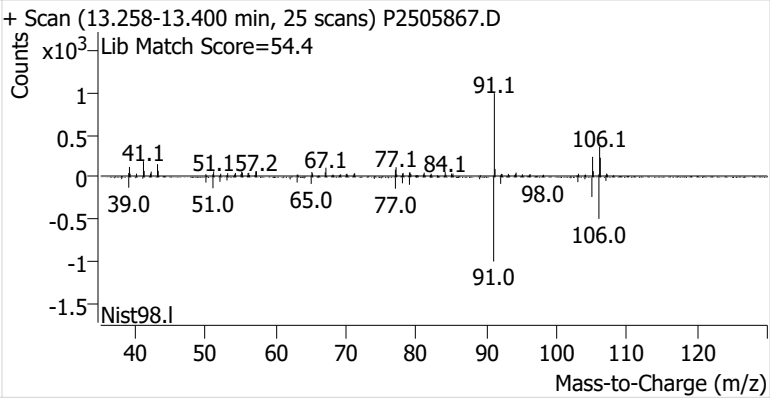
Ethylbenzene



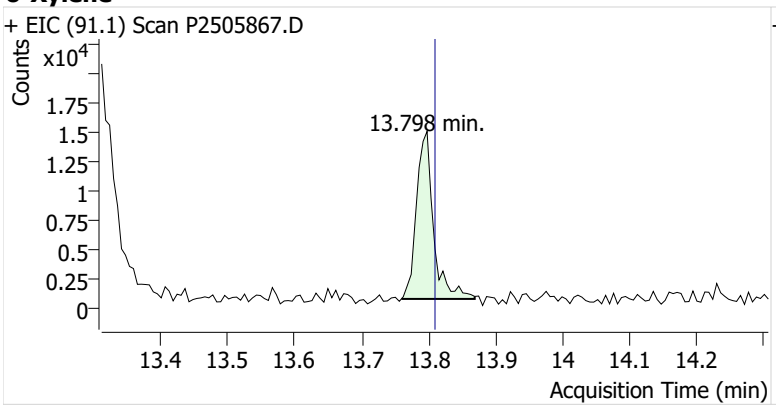


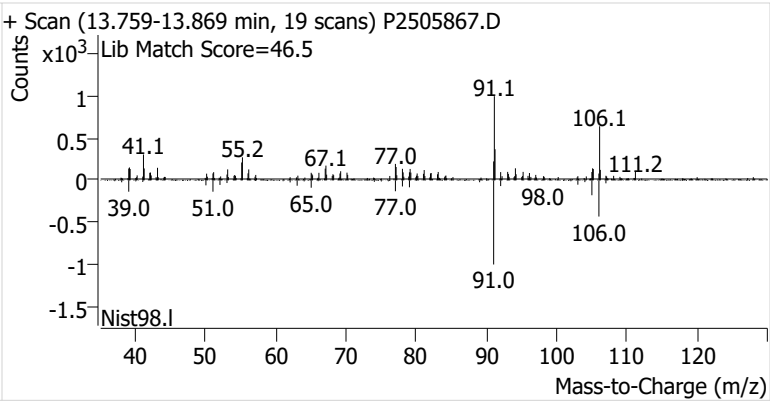
m-/p-Xylenes





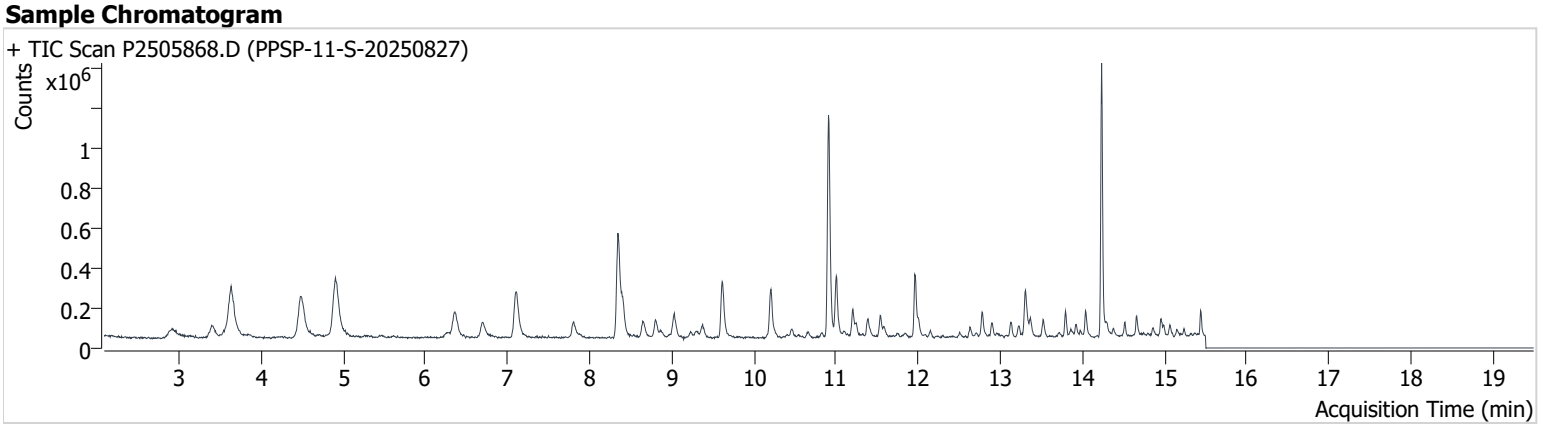
o-Xylene


+ EIC (91.1) Scan P2505867.D
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.798 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.759-13.869 min, 19 scans) P2505867.D
Lib Match Score=46.5
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.2
67.1
77.0
111.2
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

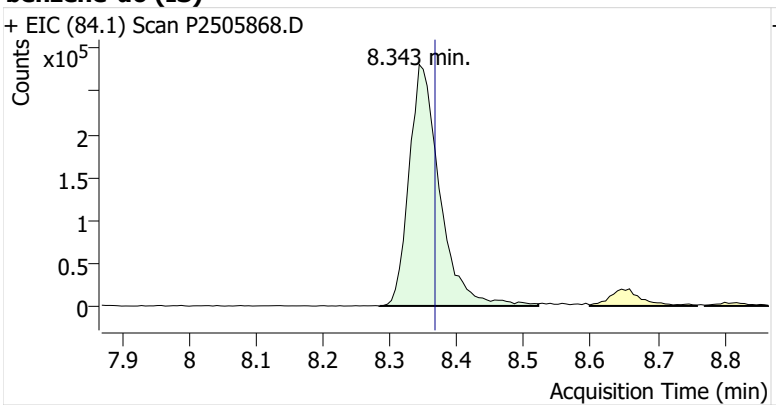
Name	PPSP-11-S-20250827
Comment	B20825
Data File	P2505868.D
Acq. Date-Time	9/15/2025 9:26:14 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

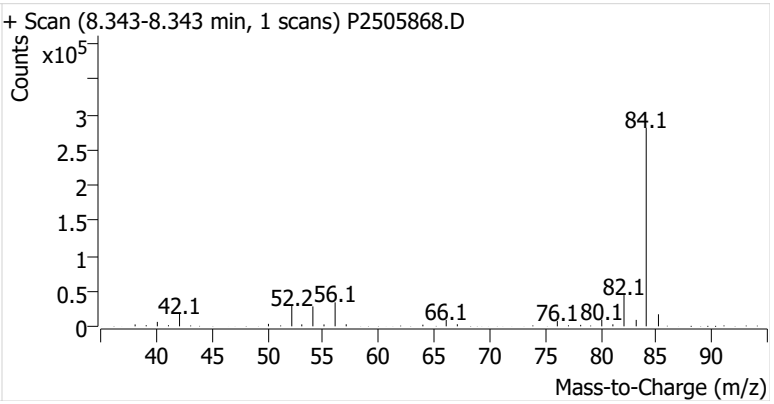
Sample Chromatogram



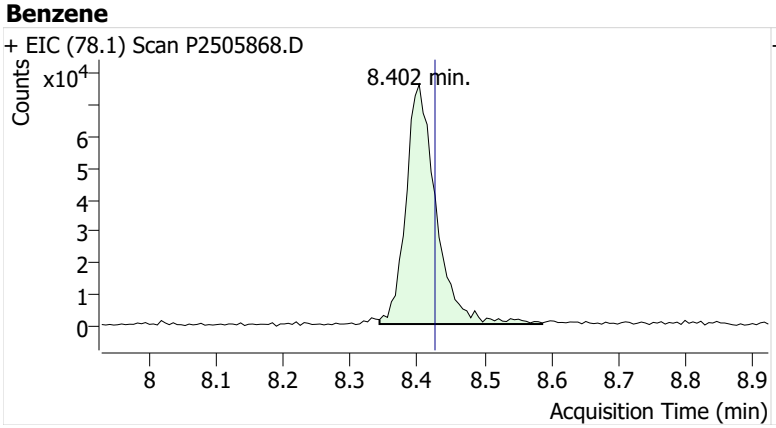
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	895,428	
Benzene	benzene-d6 (IS)	8.402	8.426	238,647	
Toluene-d8 (IS)		10.907	10.931	1,027,640	
Toluene	Toluene-d8 (IS)	11.002	11.020	286,854	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	59,070	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	200,692	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	80,881	

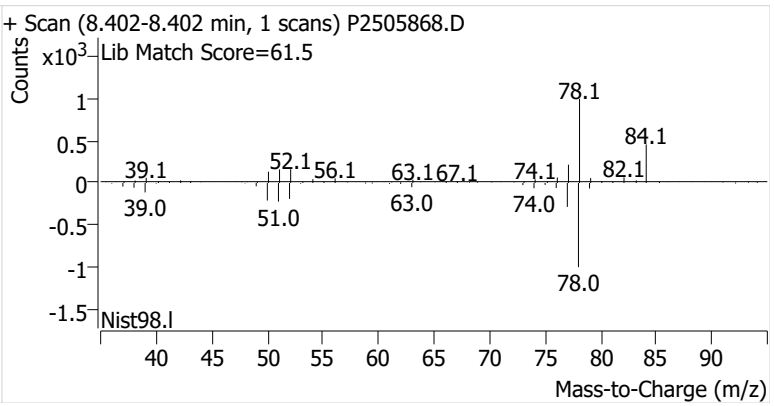
benzene-d6 (IS)



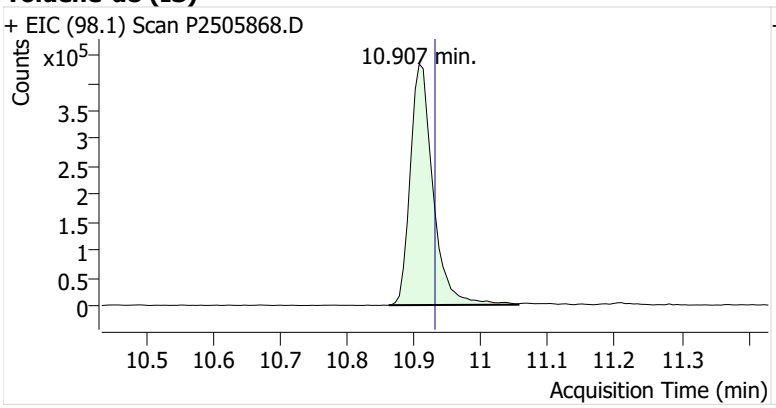


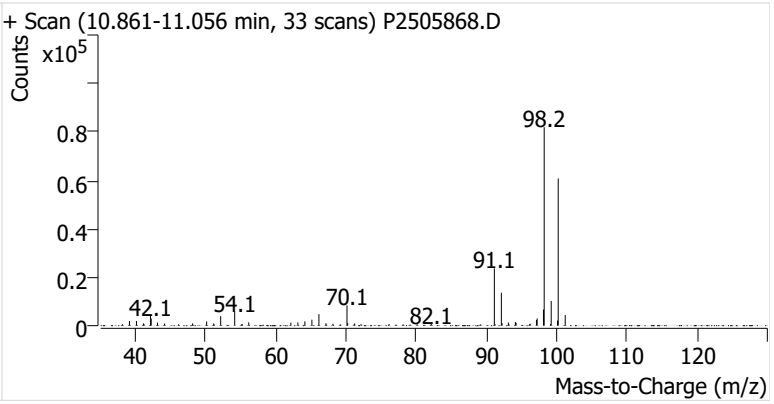
Benzene



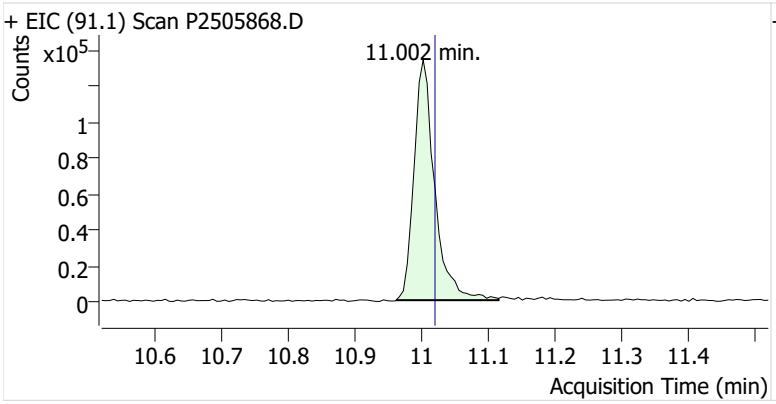


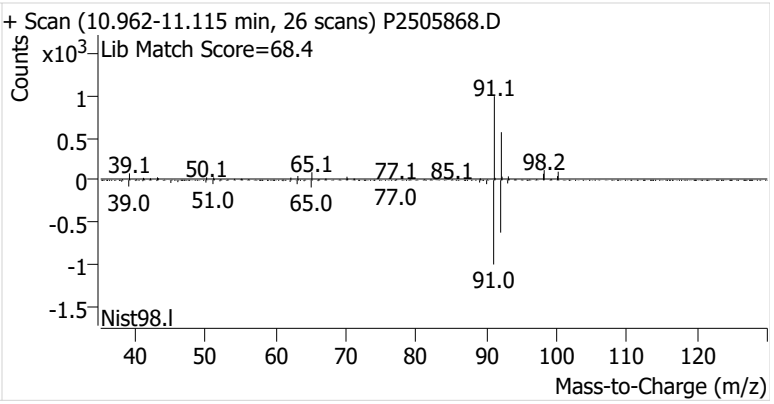
Toluene-d8 (IS)



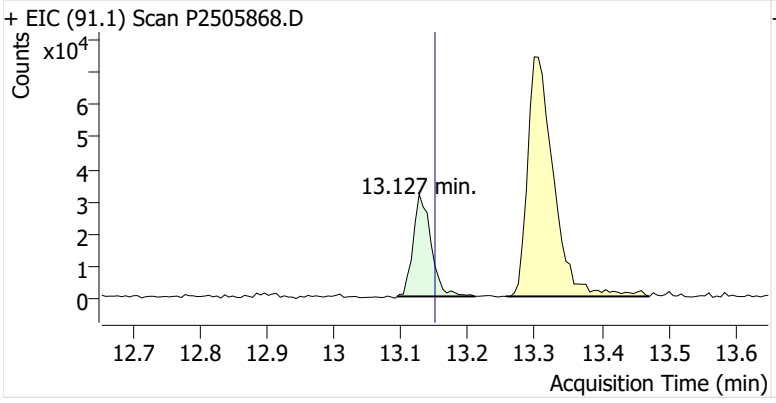


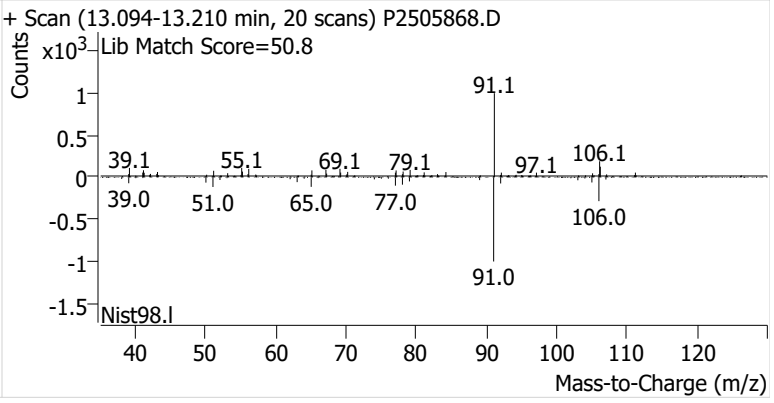
Toluene



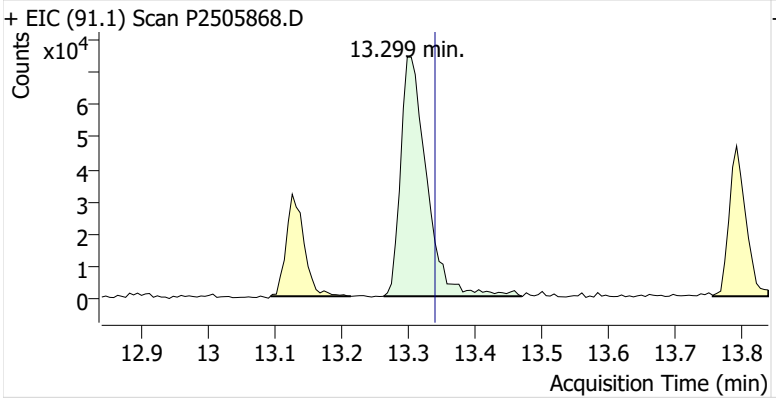


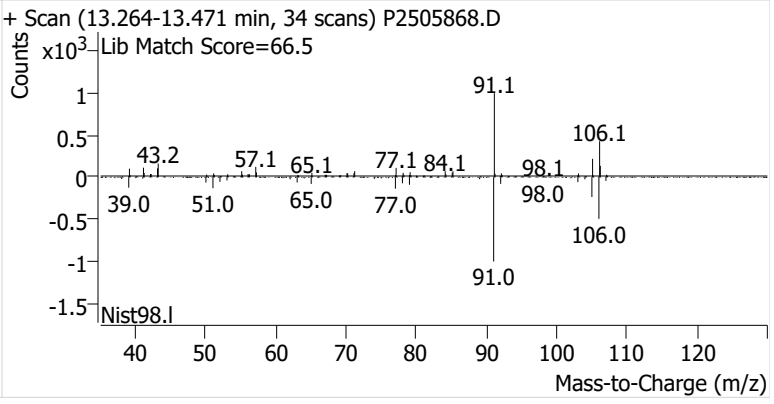
Ethylbenzene



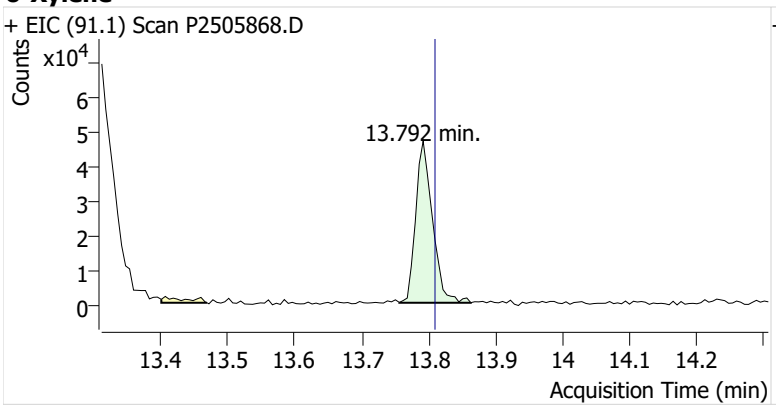


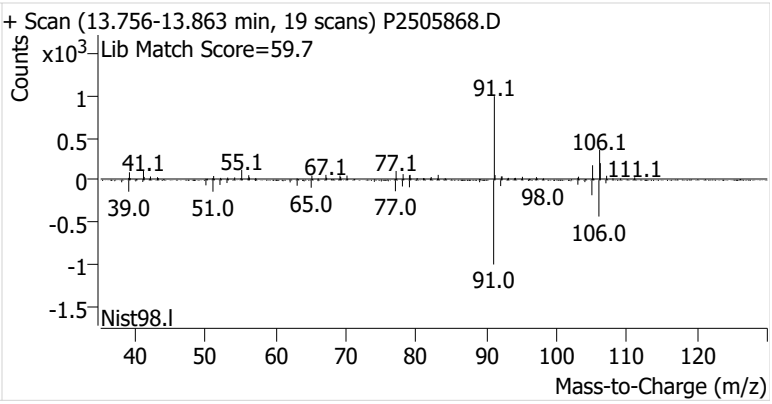
m-/p-Xylenes





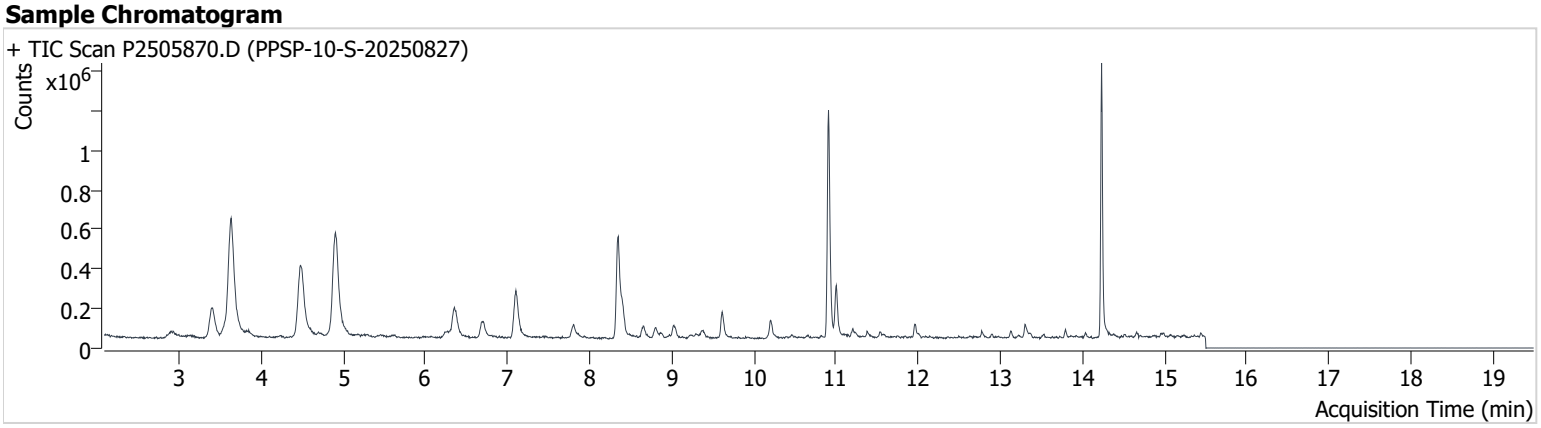
o-Xylene


+ EIC (91.1) Scan P2505868.D
Counts
x10^4
6
5
4
3
2
1
0
13.792 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.756-13.863 min, 19 scans) P2505868.D
Counts
x10^3
Lib Match Score=59.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
111.1
41.1
55.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

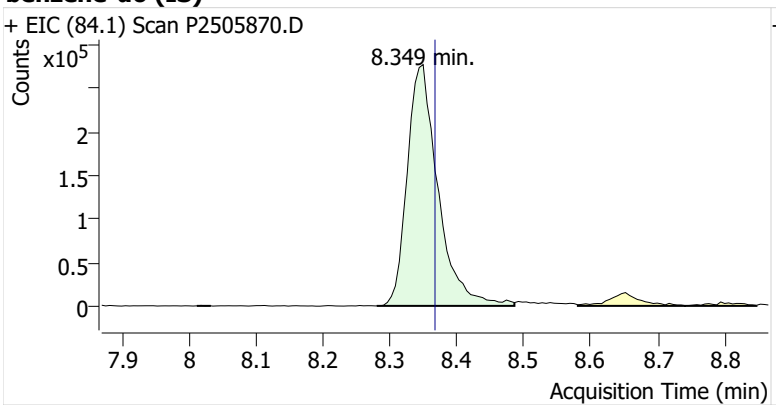
Name	PPSP-10-S-20250827
Comment	B12165
Data File	P2505870.D
Acq. Date-Time	9/15/2025 11:05:51 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

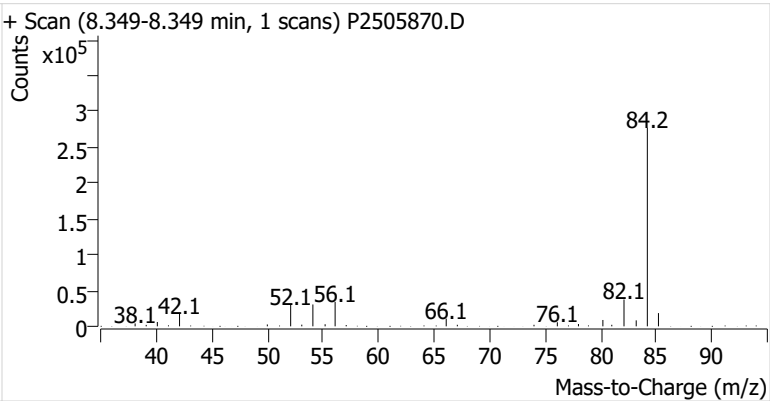
Sample Chromatogram



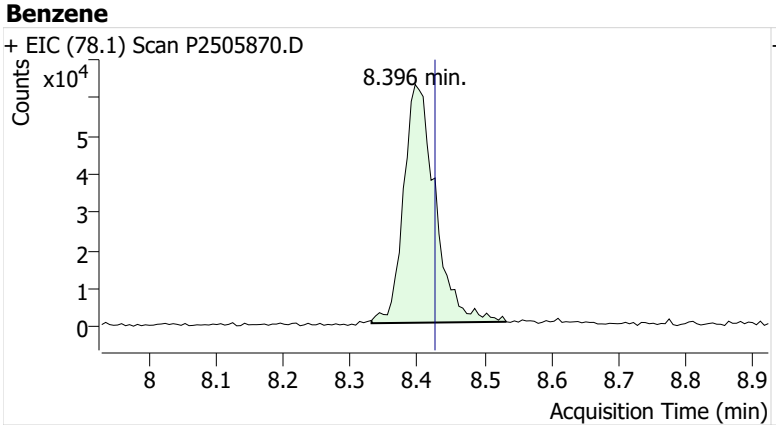
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	886,136	
Benzene	benzene-d6 (IS)	8.396	8.426	206,177	
Toluene-d8 (IS)		10.907	10.931	1,057,056	
Toluene	Toluene-d8 (IS)	11.002	11.020	237,991	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	28,285	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	58,477	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	24,406	

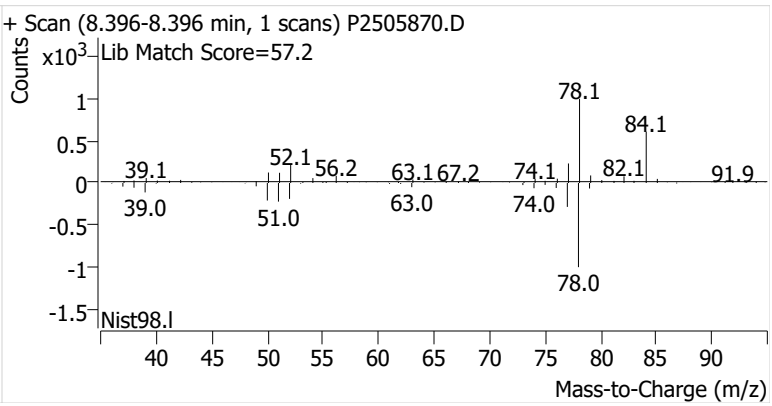
benzene-d6 (IS)



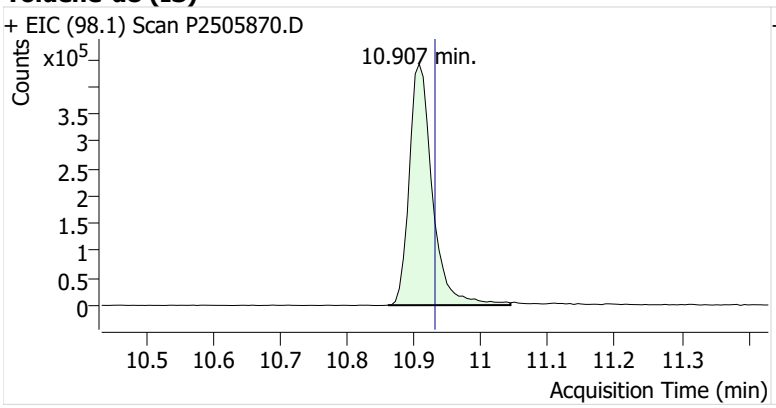


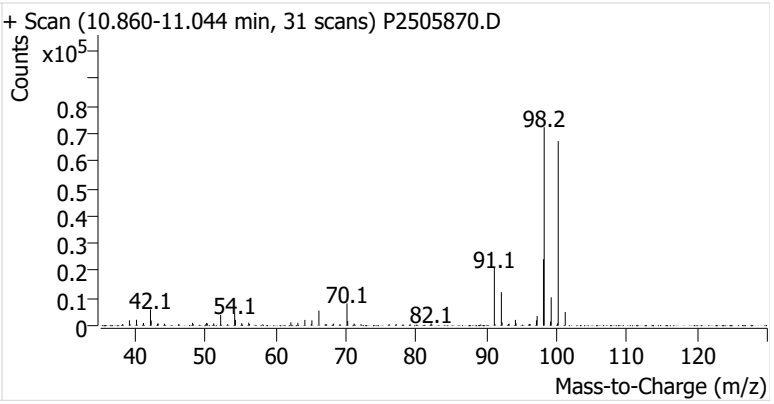
Benzene



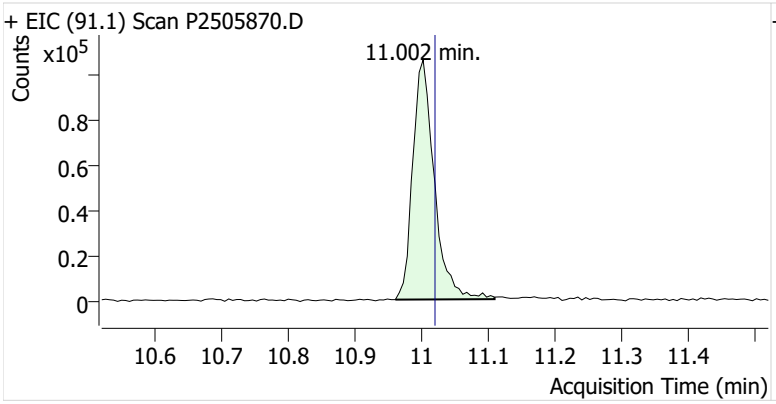


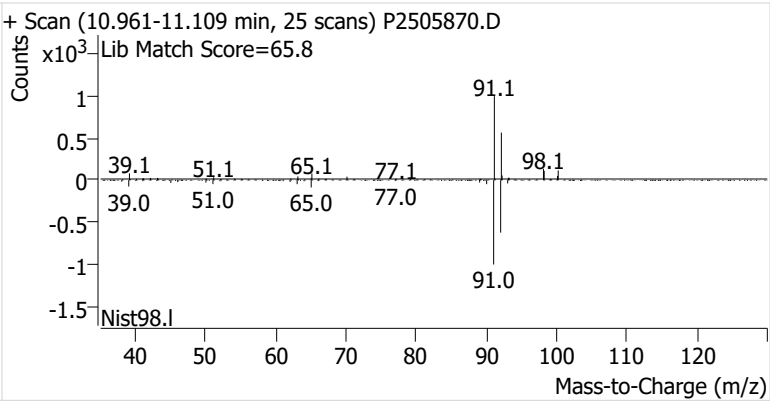
Toluene-d8 (IS)



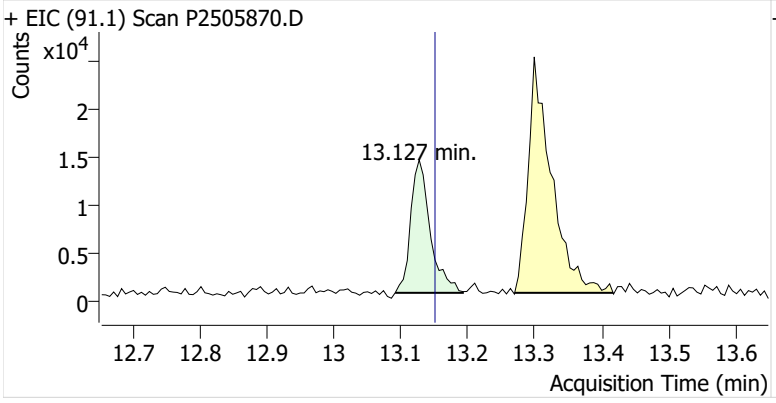


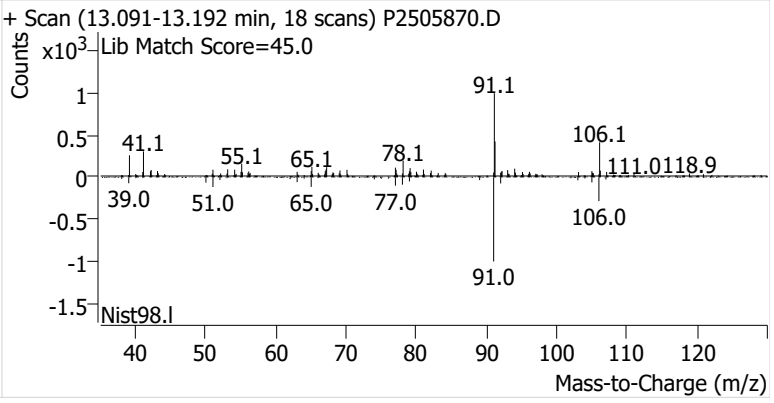
Toluene



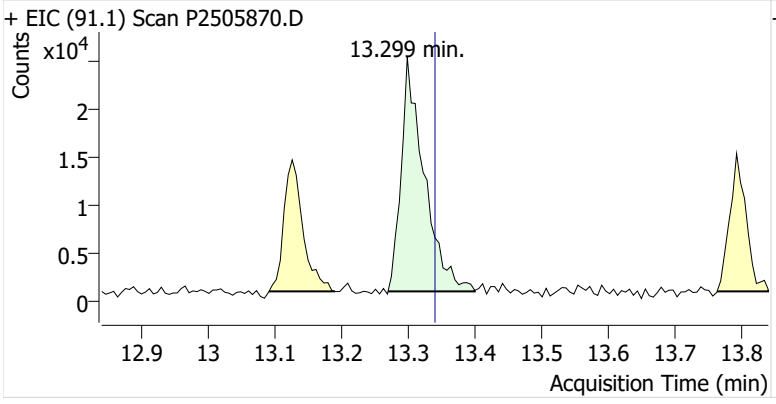


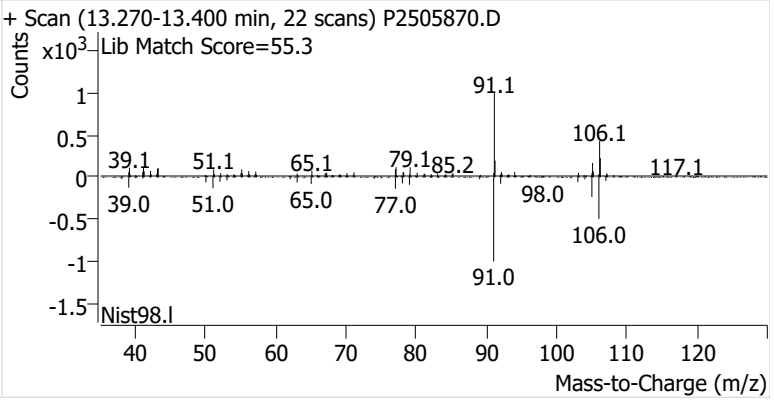
Ethylbenzene



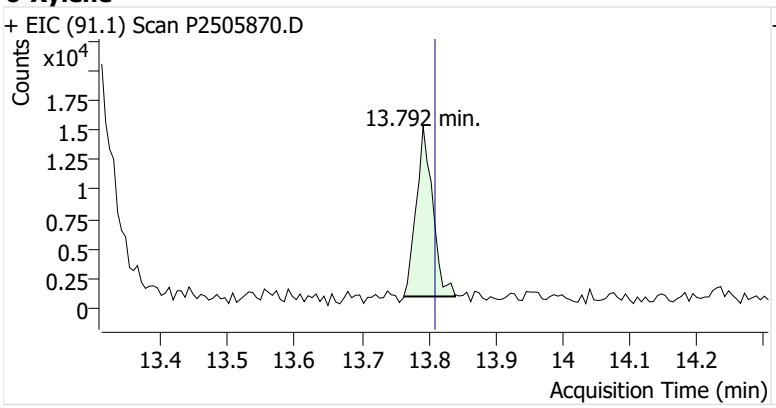


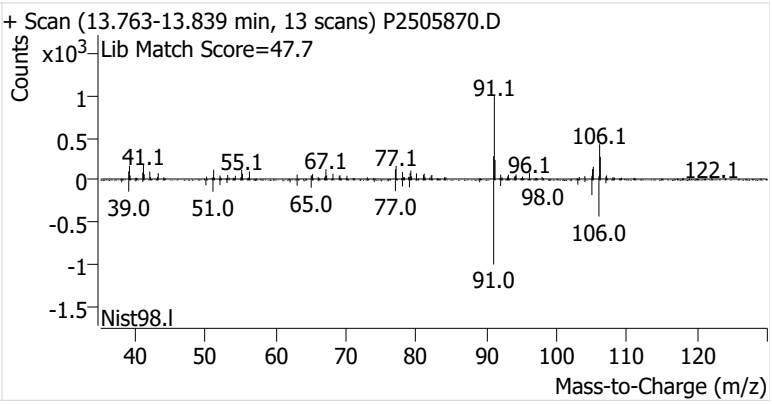
m-/p-Xylenes





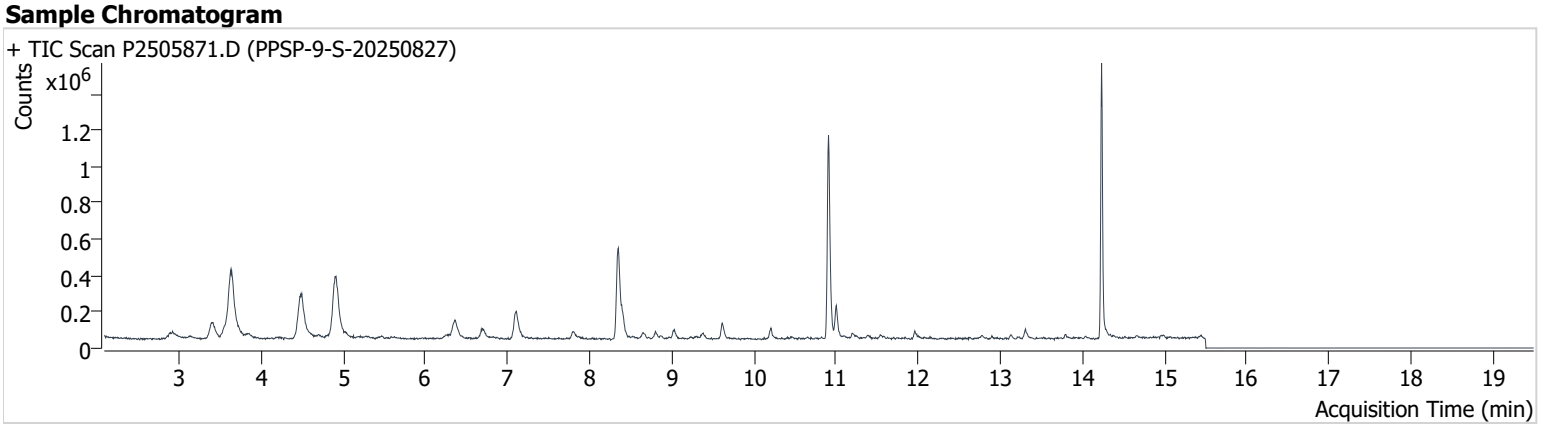
o-Xylene


+ EIC (91.1) Scan P2505870.D
Counts
x10^4
1.75
1.5
1.25
1
0.75
0.5
0.25
0
13.792 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.763-13.839 min, 13 scans) P2505870.D
Counts
x10^3
Lib Match Score=47.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
77.1
96.1
122.1
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

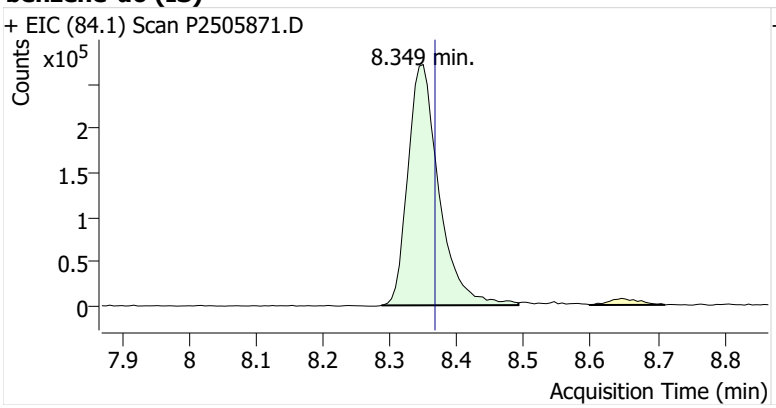
Name	PPSP-9-S-20250827
Comment	C01781
Data File	P2505871.D
Acq. Date-Time	9/15/2025 11:43:41 PM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

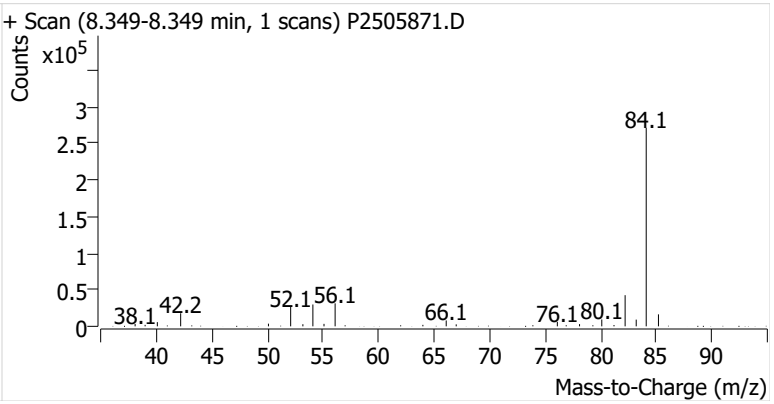
Sample Chromatogram



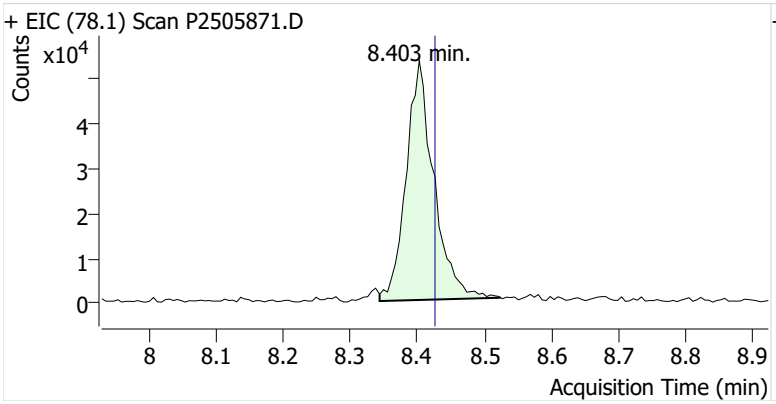
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	875,350	
Benzene	benzene-d6 (IS)	8.403	8.426	153,816	
Toluene-d8 (IS)		10.907	10.931	1,036,513	
Toluene	Toluene-d8 (IS)	11.002	11.020	154,040	
Ethylbenzene	Toluene-d8 (IS)	13.133	13.151	16,679	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	44,007	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	15,647	

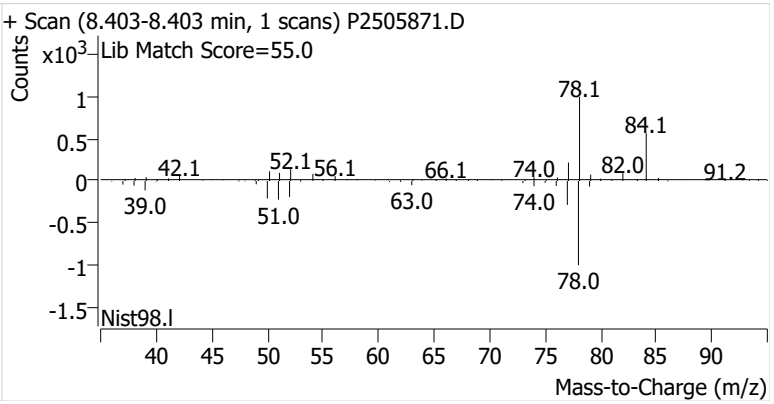
benzene-d6 (IS)



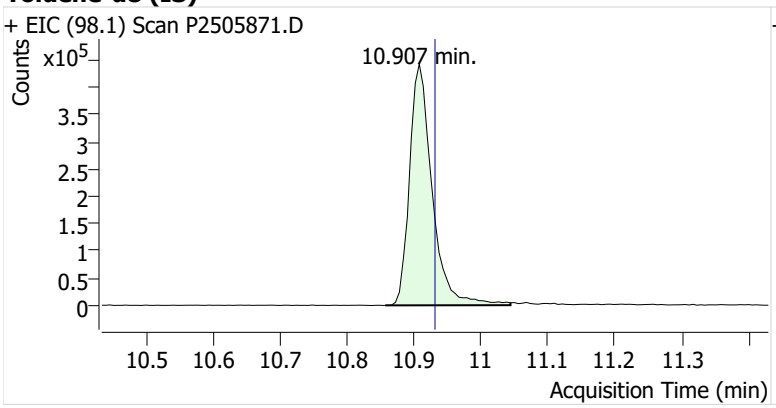


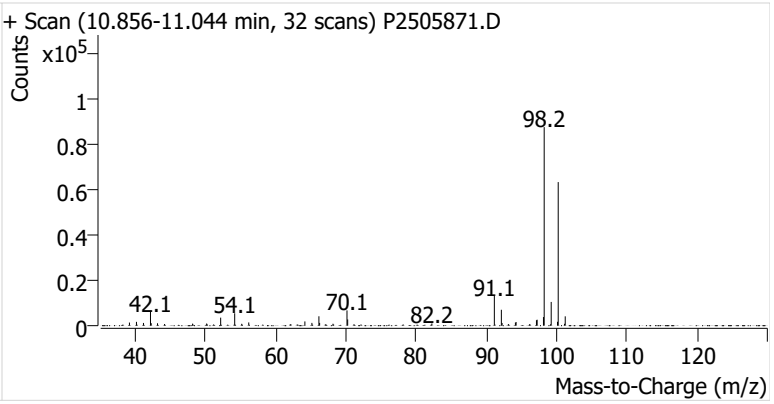
Benzene



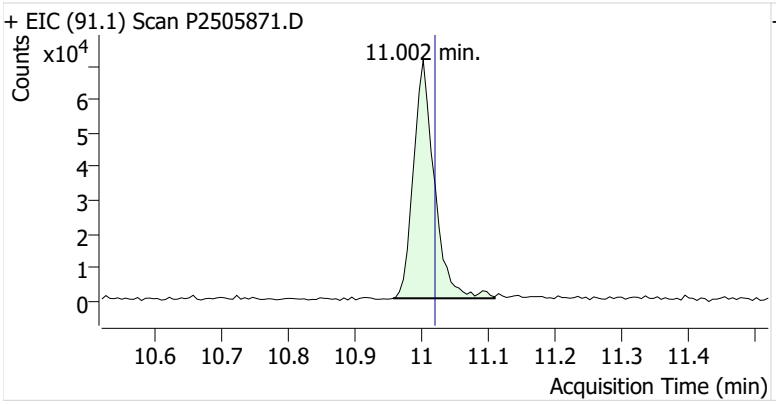


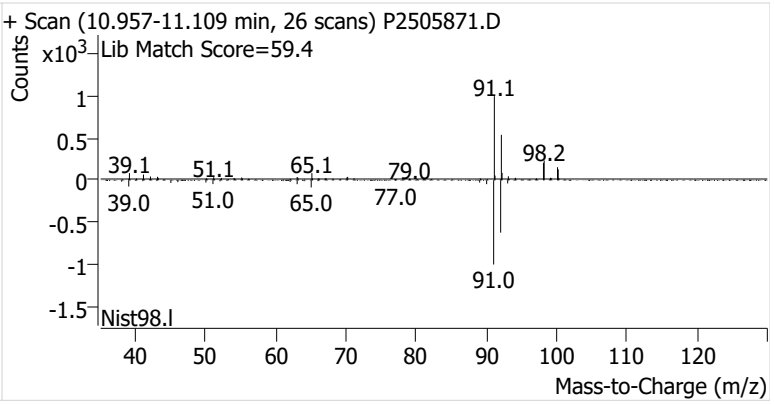
Toluene-d8 (IS)



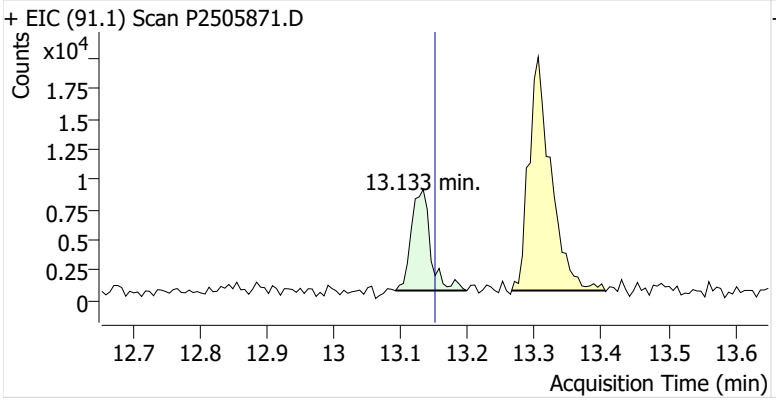


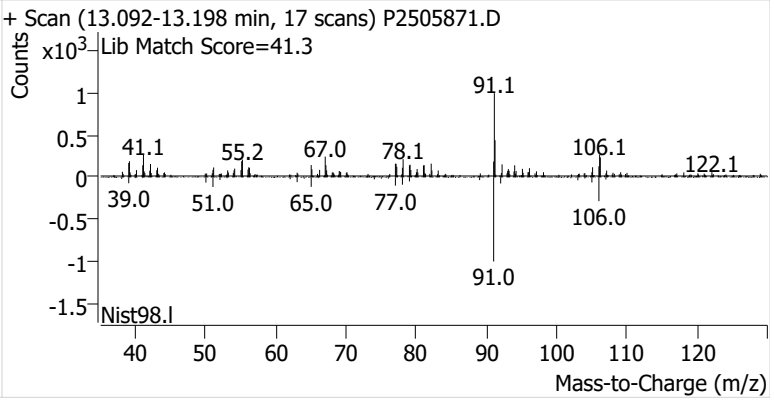
Toluene



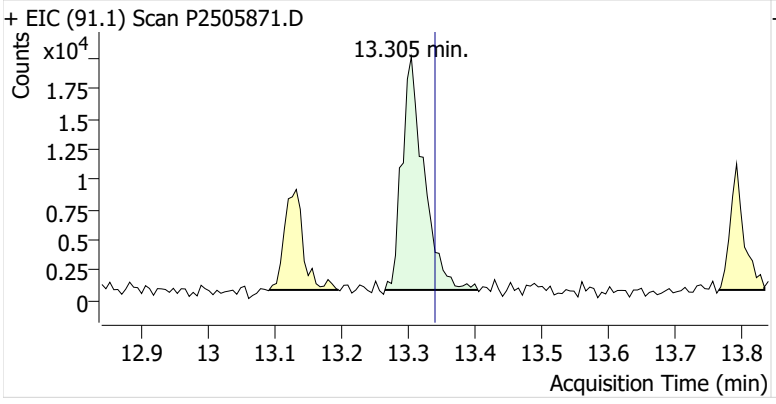


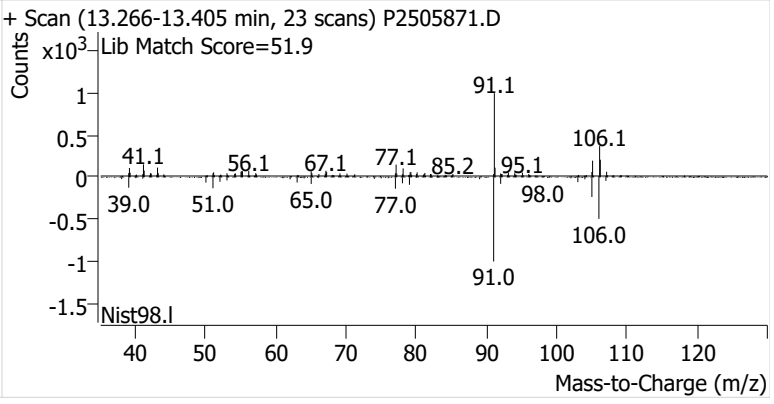
Ethylbenzene



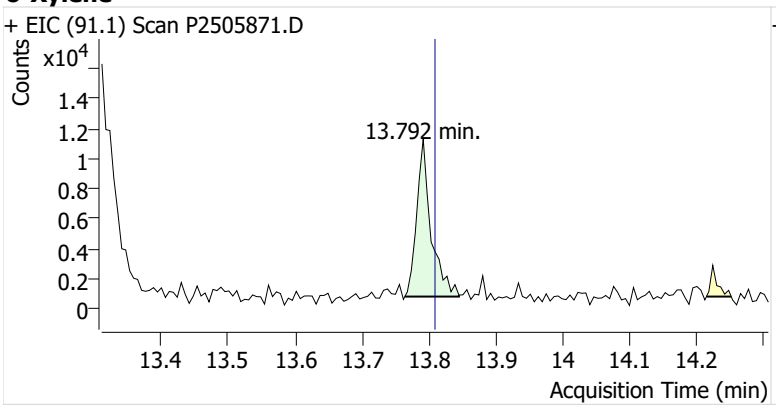


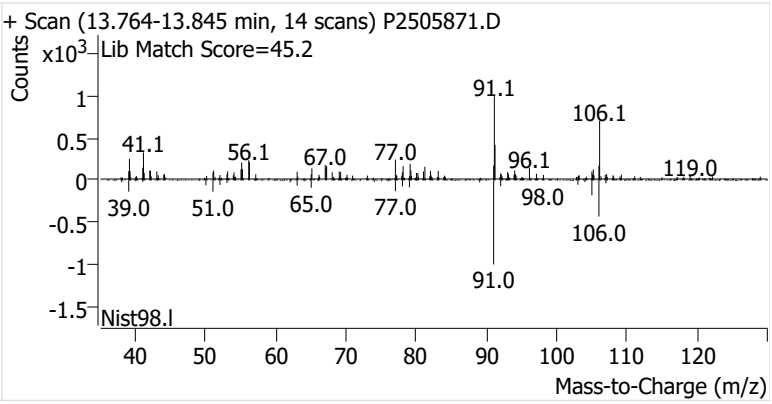
m-/p-Xylenes





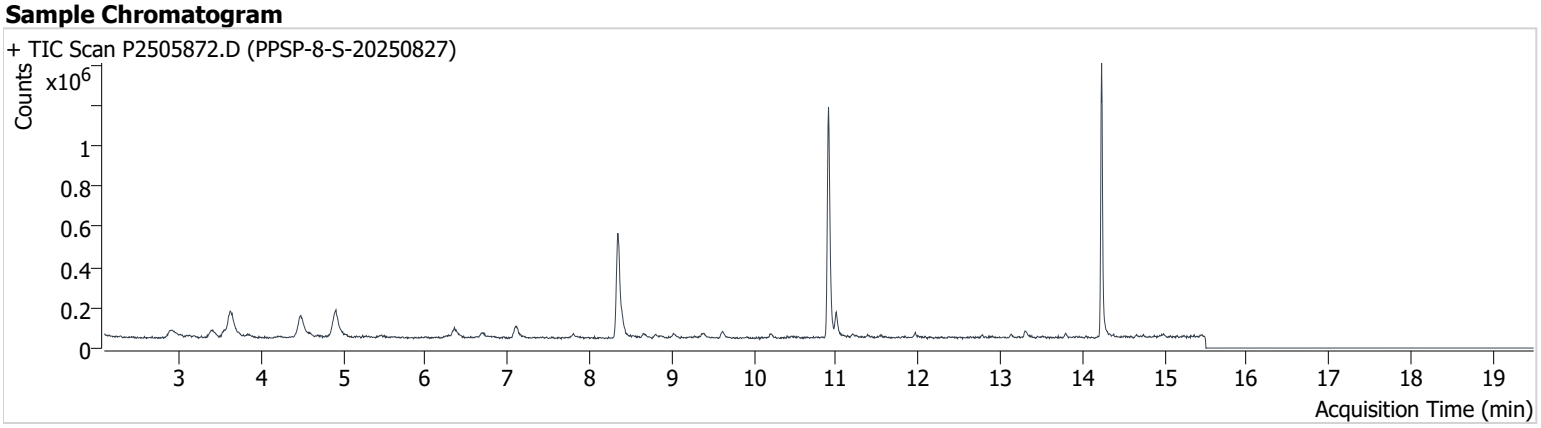
o-Xylene


+ EIC (91.1) Scan P2505871.D
Counts
x10^4
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13.792 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.764-13.845 min, 14 scans) P2505871.D
Lib Match Score=45.2
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
56.1
67.0
77.0
96.1
119.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

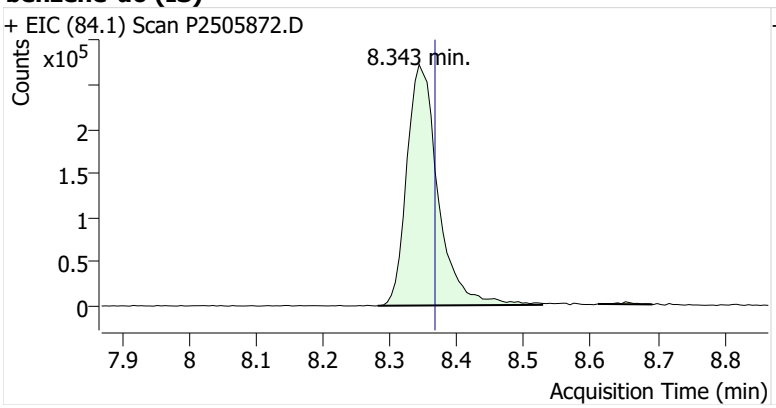
Name	PPSP-8-S-20250827
Comment	B50906
Data File	P2505872.D
Acq. Date-Time	9/16/2025 12:21:33 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

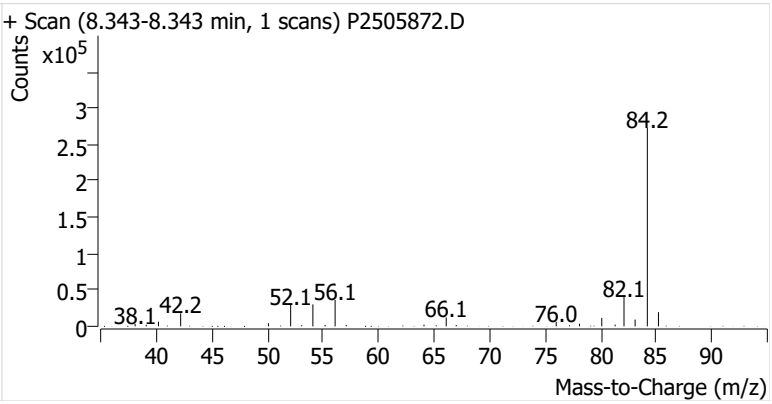
Sample Chromatogram



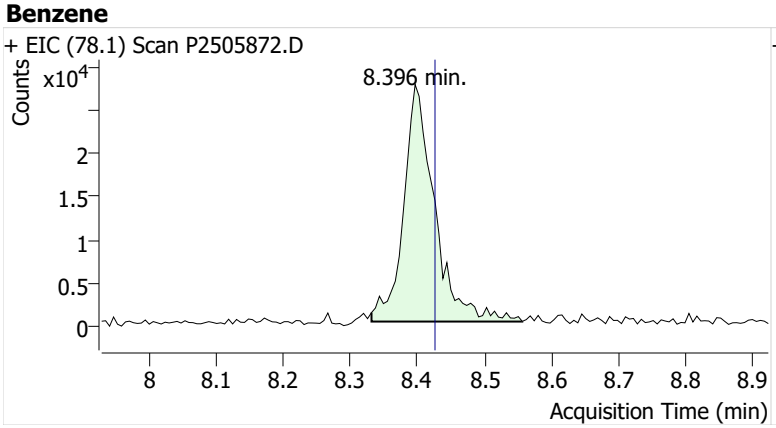
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	886,786	
Benzene	benzene-d6 (IS)	8.396	8.426	88,647	
Toluene-d8 (IS)		10.907	10.931	1,038,570	
Toluene	Toluene-d8 (IS)	11.002	11.020	97,548	
Ethylbenzene	Toluene-d8 (IS)	13.139	13.151	11,201	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	30,493	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	14,028	

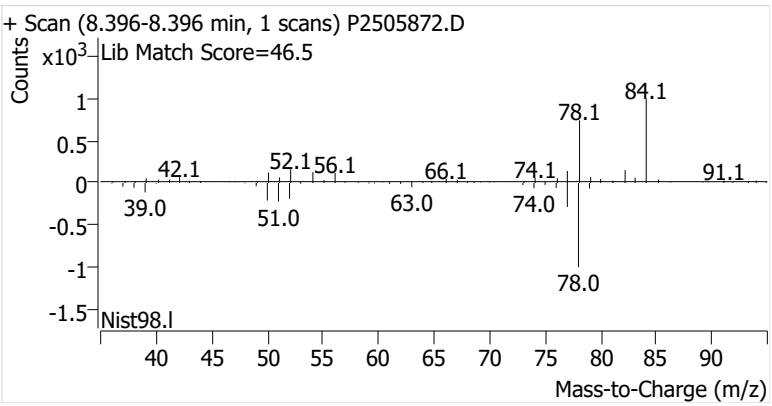
benzene-d6 (IS)



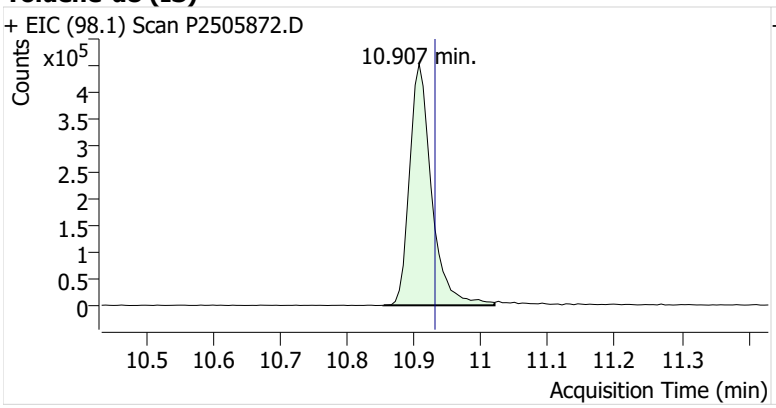


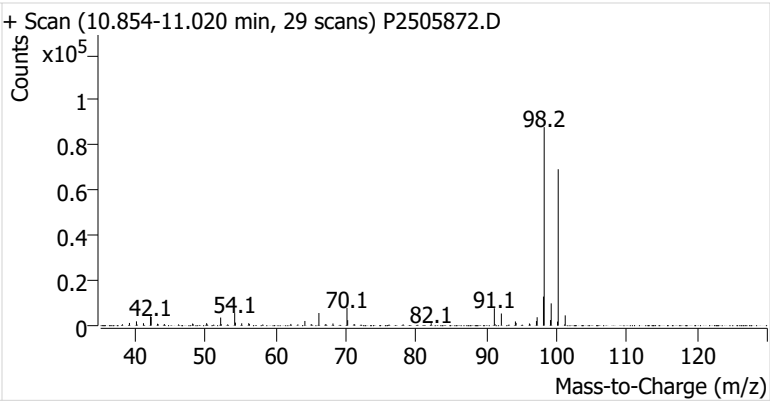
Benzene



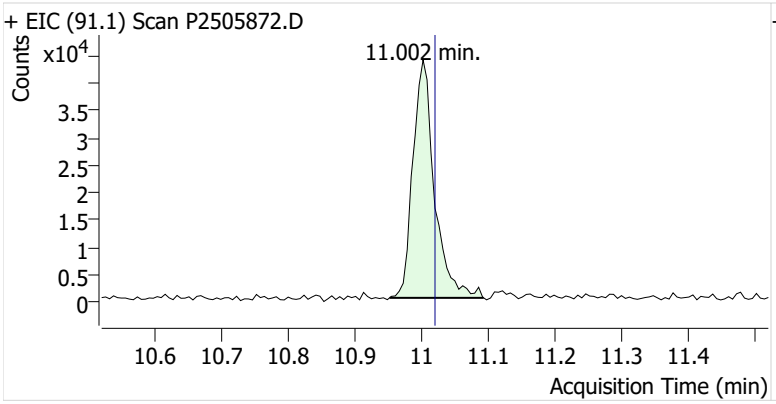


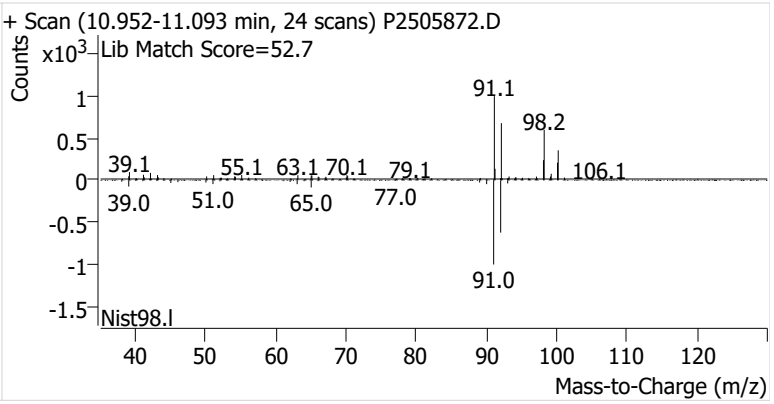
Toluene-d8 (IS)



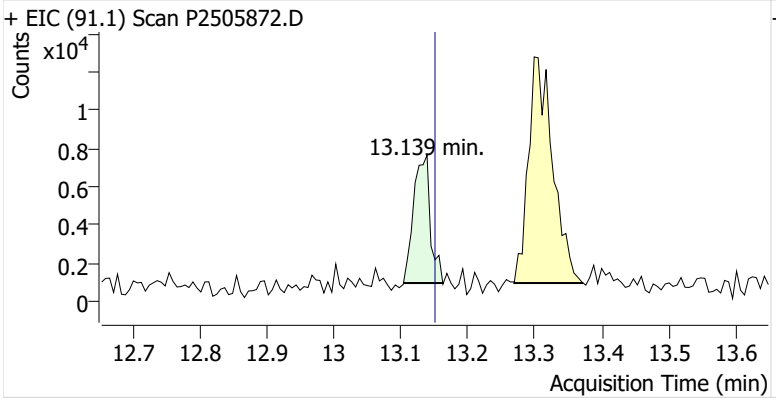


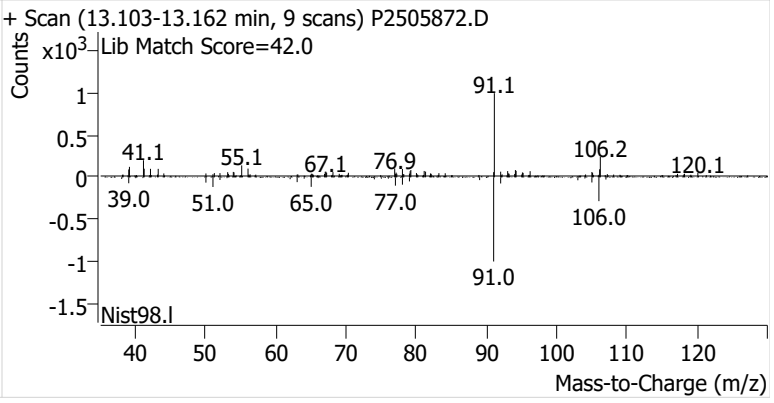
Toluene



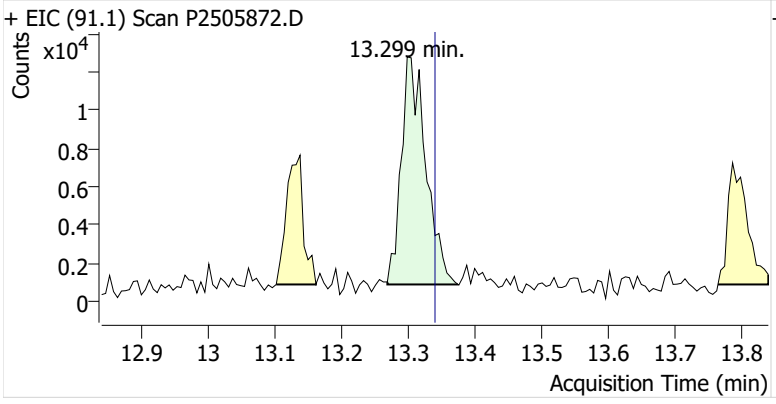


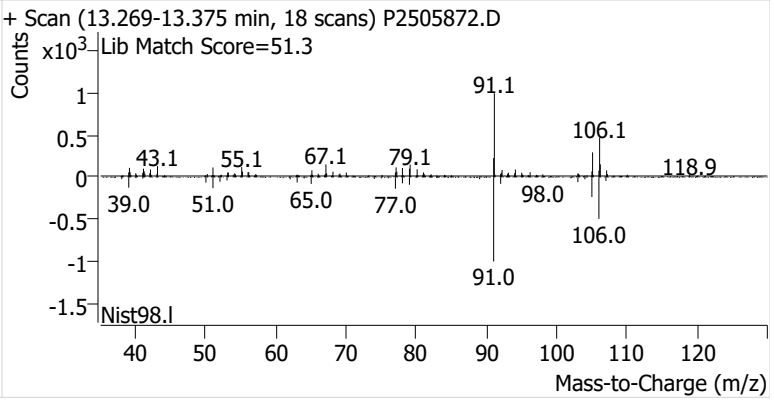
Ethylbenzene



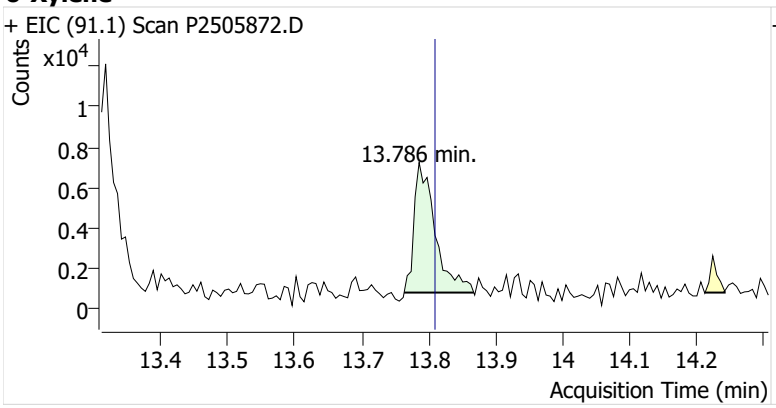


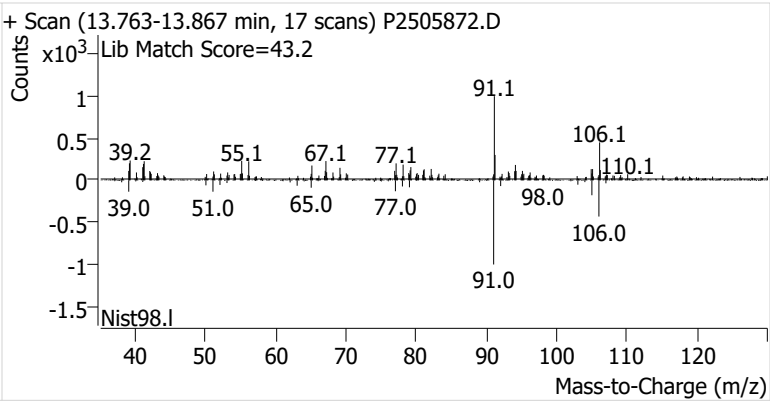
m-/p-Xylenes





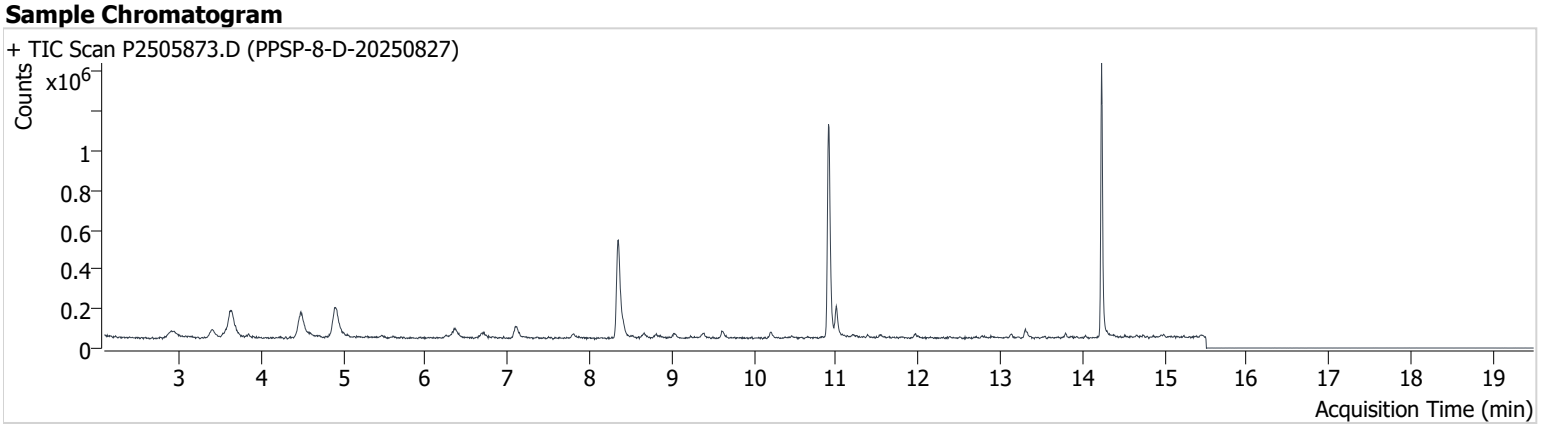
o-Xylene


+ EIC (91.1) Scan P2505872.D
Counts
x10^4
1
0.8
0.6
0.4
0.2
0
13.786 min.
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
14.2
Acquisition Time (min)


+ Scan (13.763-13.867 min, 17 scans) P2505872.D
Counts
x10^3
Lib Match Score=43.2
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
110.1
39.2
55.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

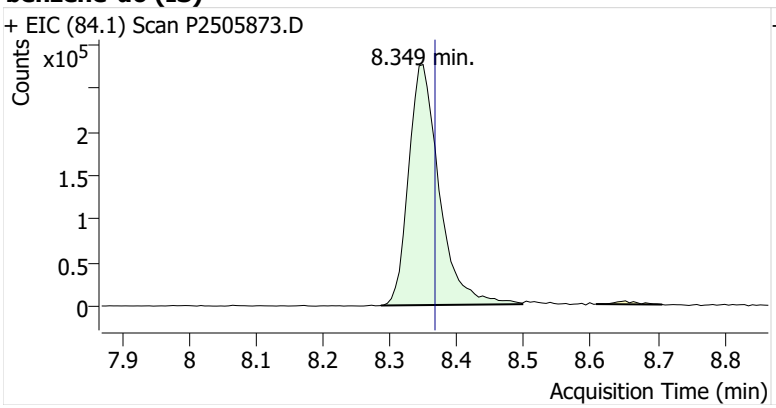
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Comment	B46072
Data File	P2505873.D
Acq. Date-Time	9/16/2025 12:59:23 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

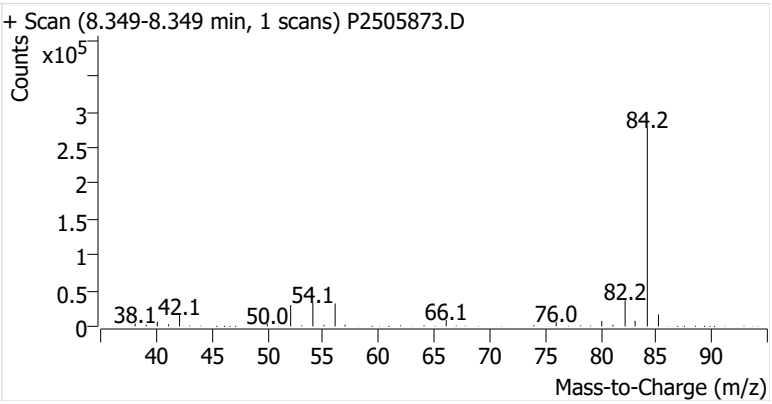
Sample Chromatogram



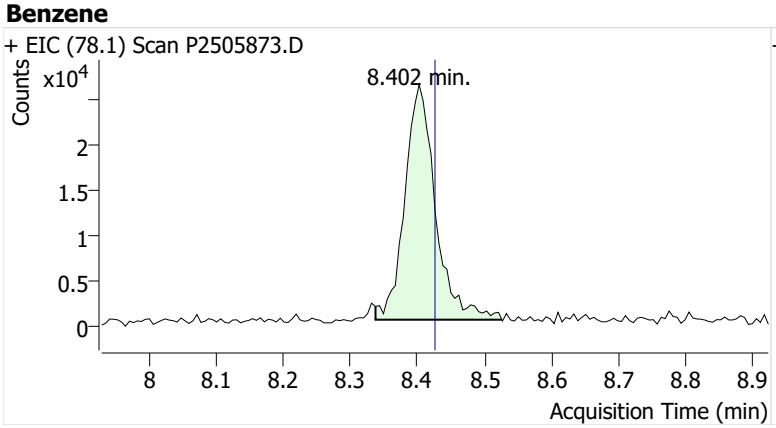
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.349	8.367	881,406	
Benzene	benzene-d6 (IS)	8.402	8.426	83,046	
Toluene-d8 (IS)		10.907	10.931	1,029,644	
Toluene	Toluene-d8 (IS)	11.002	11.020	135,735	
Ethylbenzene	Toluene-d8 (IS)	13.127	13.151	17,709	
m-/p-Xylenes	Toluene-d8 (IS)	13.305	13.341	36,686	
o-Xylene	Toluene-d8 (IS)	13.792	13.809	13,941	

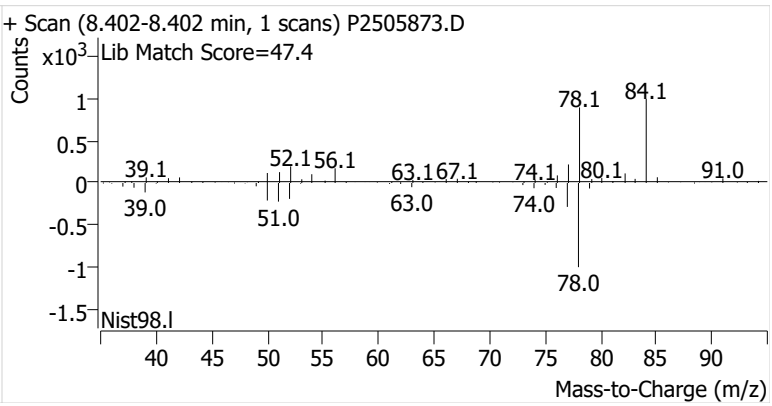
benzene-d6 (IS)



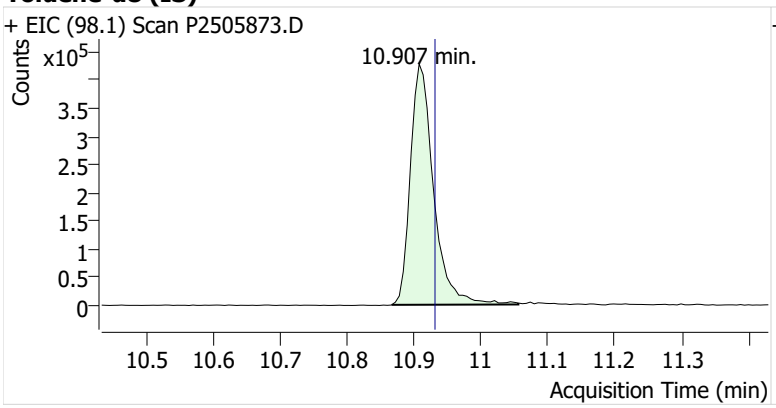


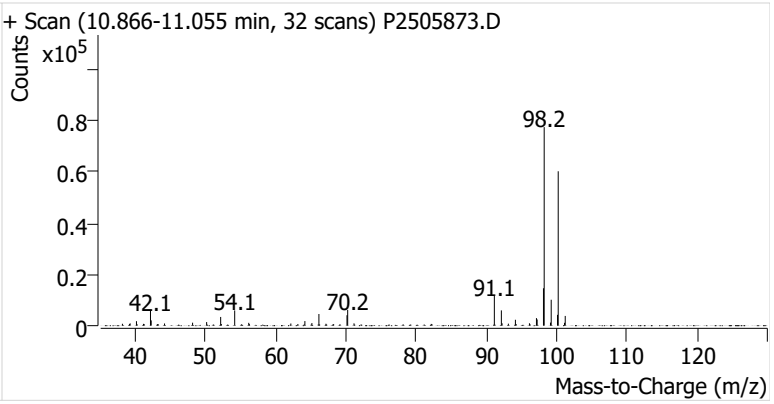
Benzene



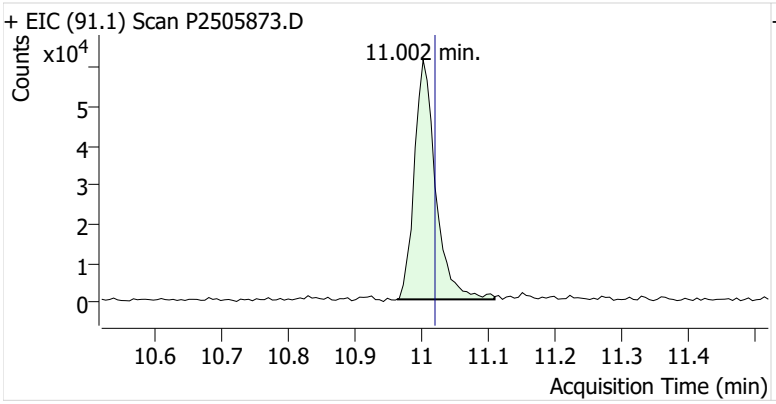


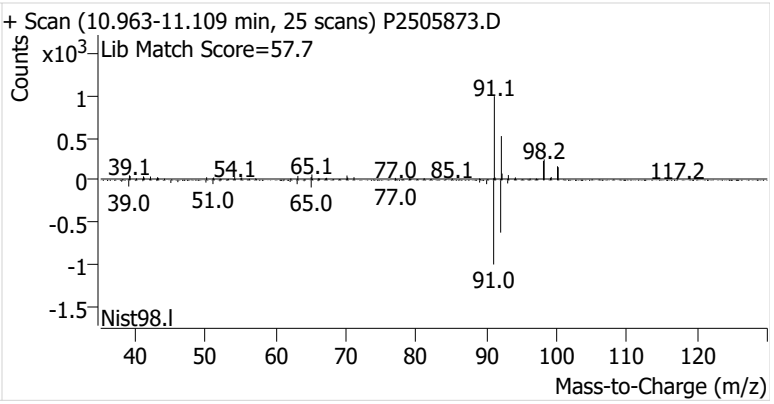
Toluene-d8 (IS)



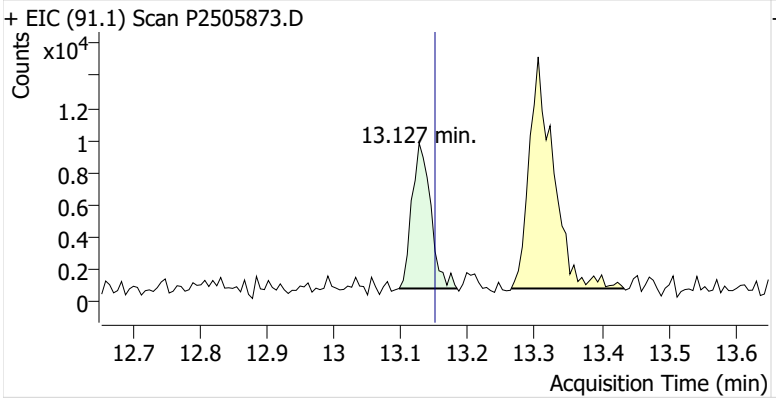


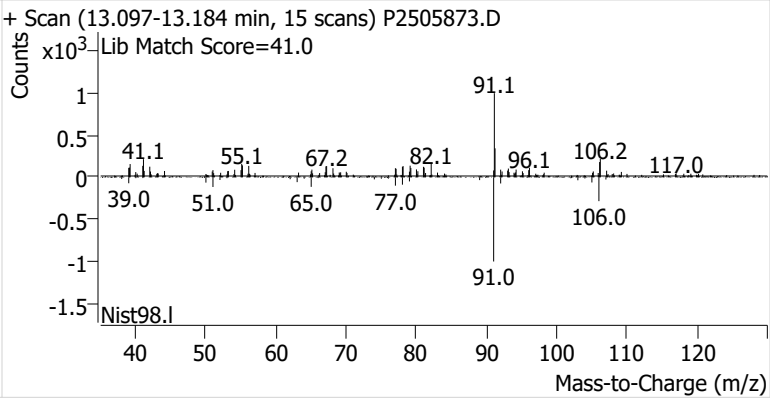
Toluene



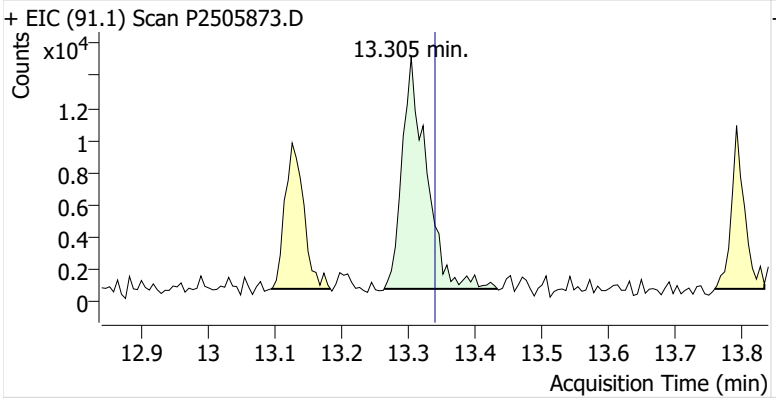


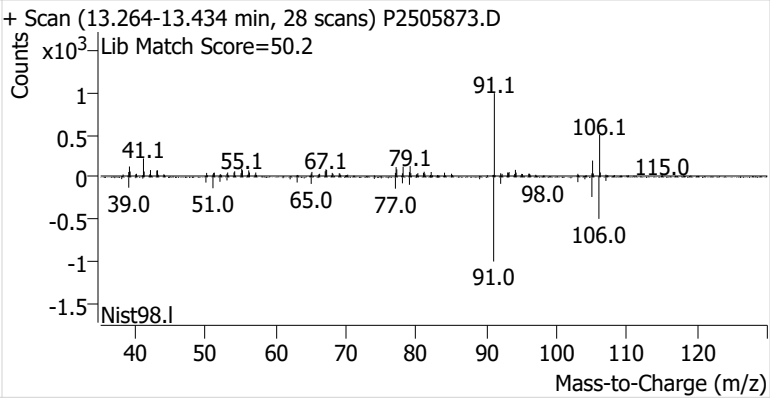
Ethylbenzene



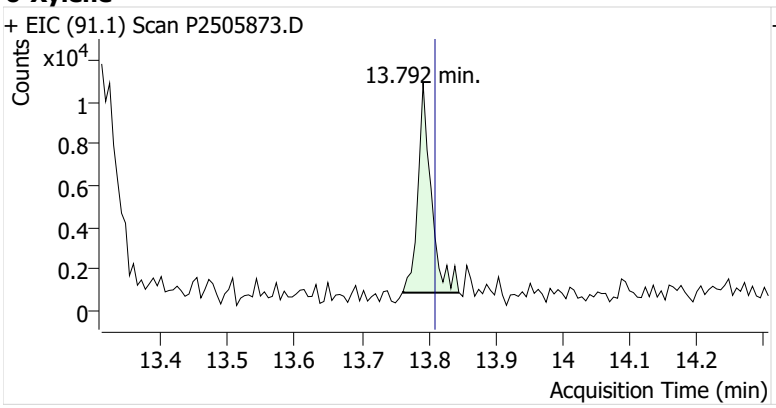


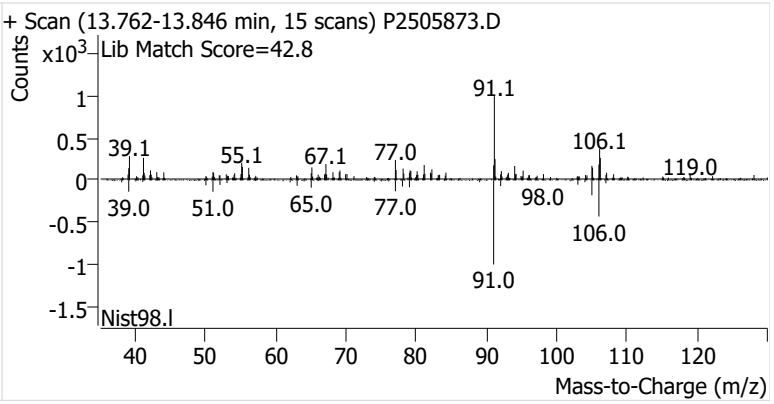
m-/p-Xylenes





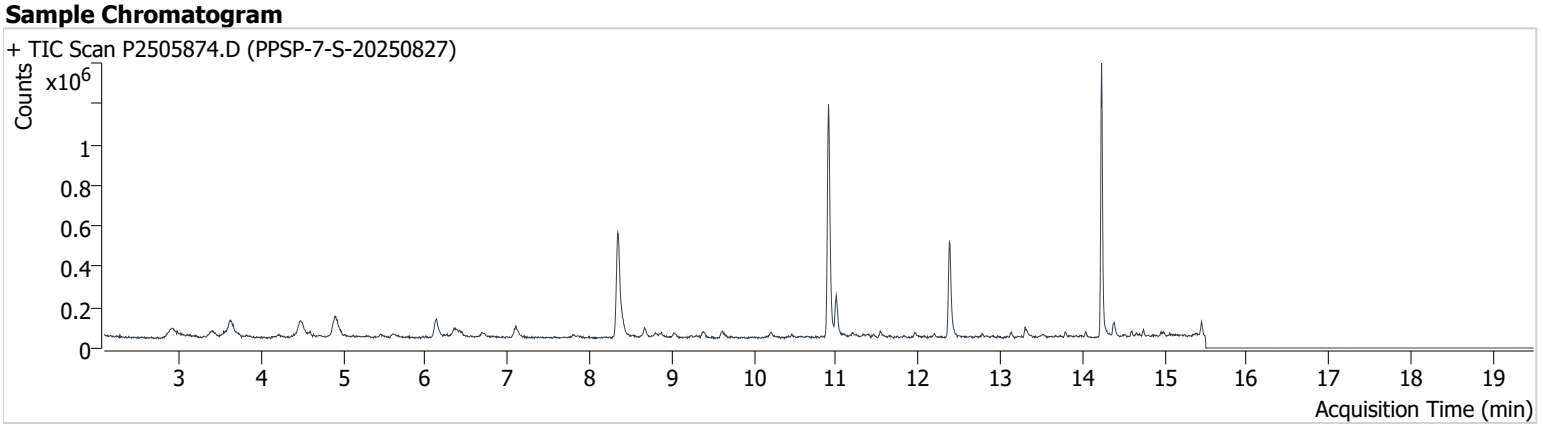
o-Xylene


+ EIC (91.1) Scan P2505873.D
Counts
x10^4
13.792 min.
Acquisition Time (min)


+ Scan (13.762-13.846 min, 15 scans) P2505873.D
Counts
x10^3
Lib Match Score=42.8
Nist98.l
Mass-to-Charge (m/z)

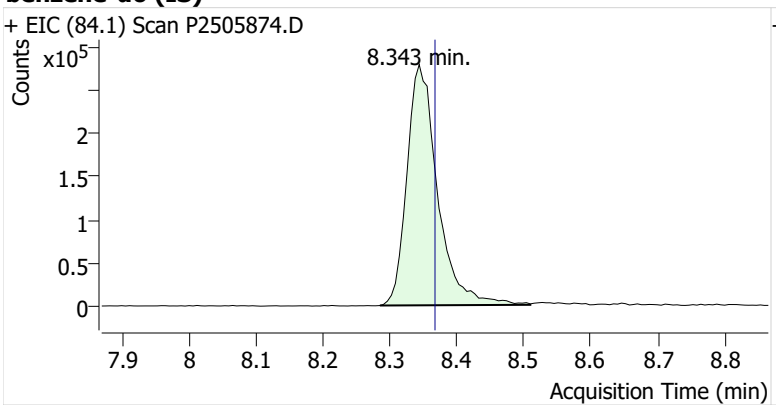
Name	PPSP-7-S-20250827
Comment	C68641
Data File	P2505874.D
Acq. Date-Time	9/16/2025 1:37:16 AM
Acq. Method File	M325B-TD35
Tube Sorbent	Carbopack X
Analyze Quant Version	12.1
Report Quant Version	12.1

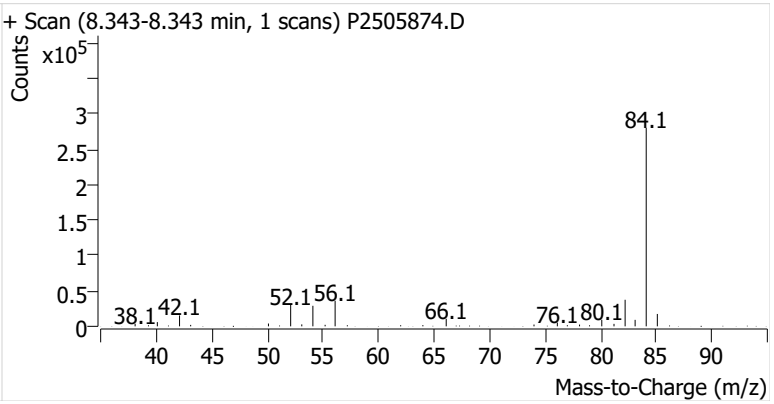
Sample Chromatogram



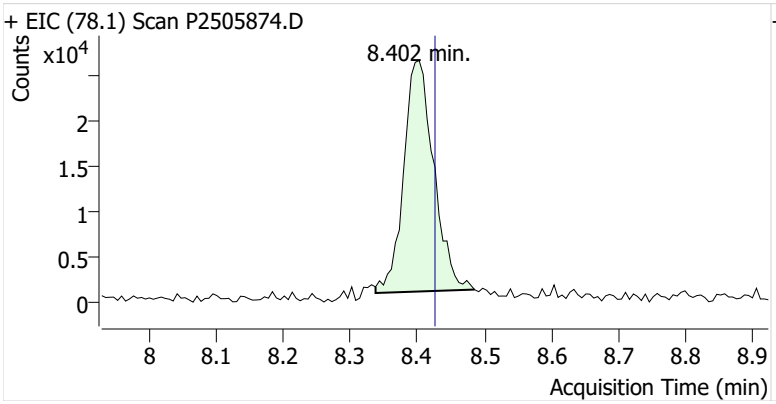
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.343	8.367	888,022	
Benzene	benzene-d6 (IS)	8.402	8.426	79,109	
Toluene-d8 (IS)		10.907	10.931	1,047,148	
Toluene	Toluene-d8 (IS)	11.002	11.020	176,098	
Ethylbenzene	Toluene-d8 (IS)	13.121	13.151	17,023	
m-/p-Xylenes	Toluene-d8 (IS)	13.299	13.341	43,346	
o-Xylene	Toluene-d8 (IS)	13.786	13.809	15,693	

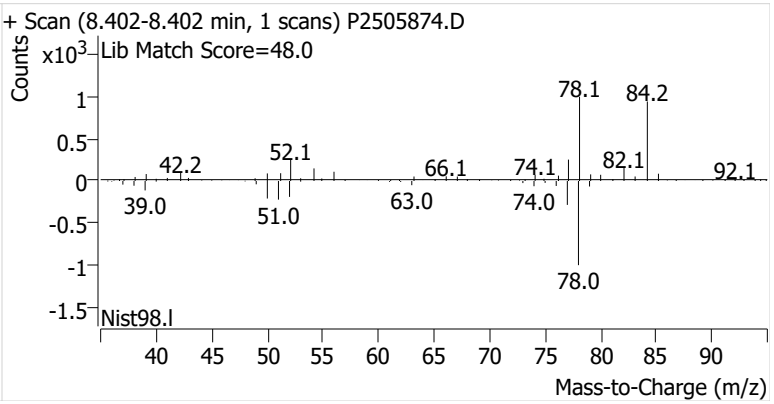
benzene-d6 (IS)



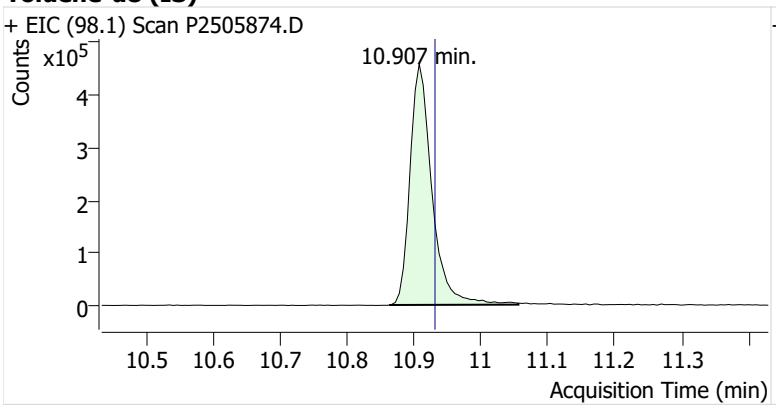


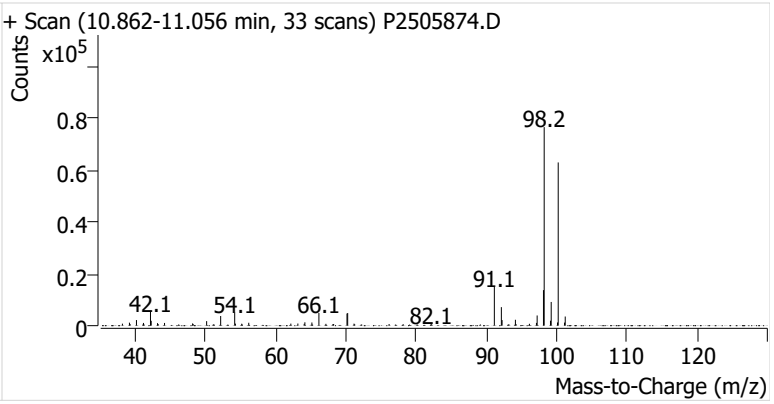
Benzene



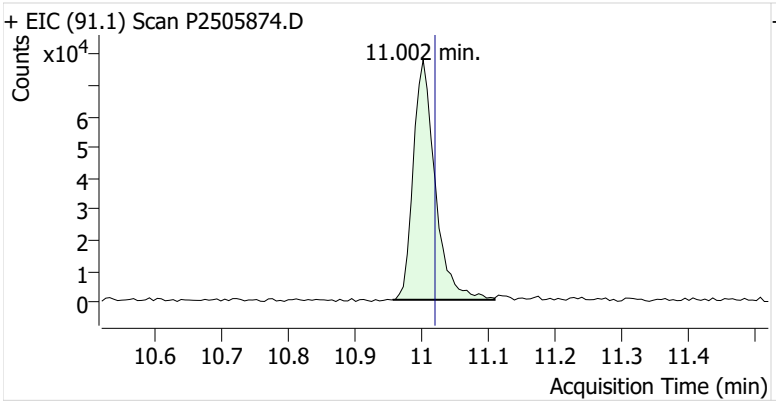


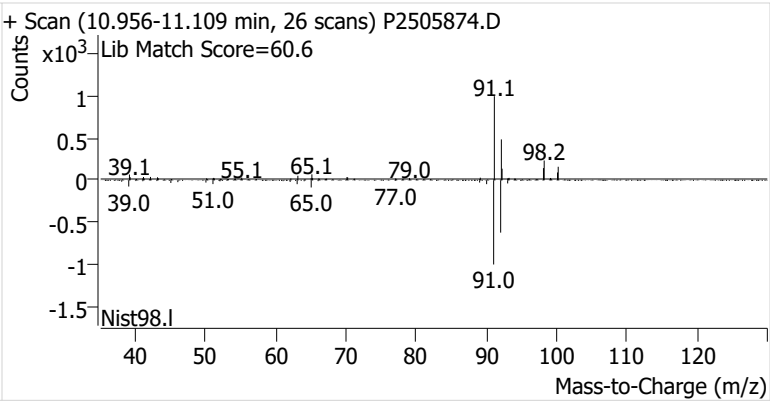
Toluene-d8 (IS)



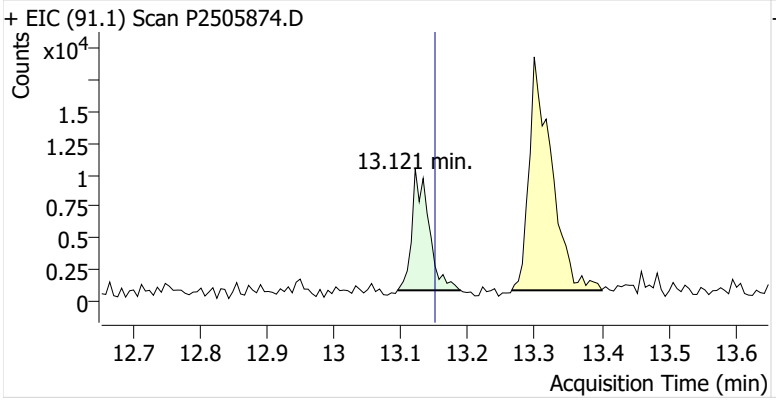


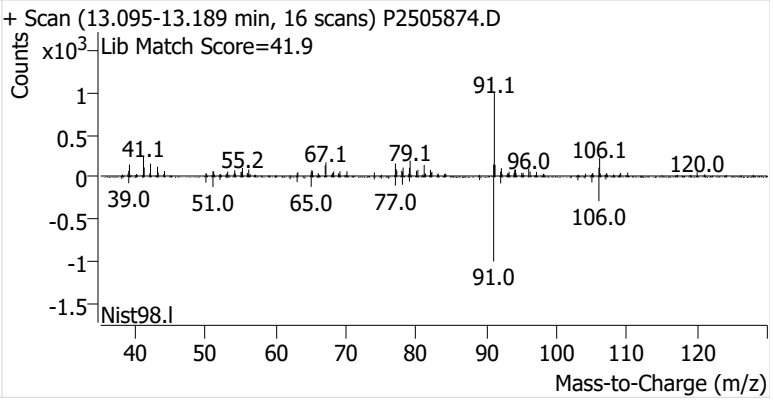
Toluene



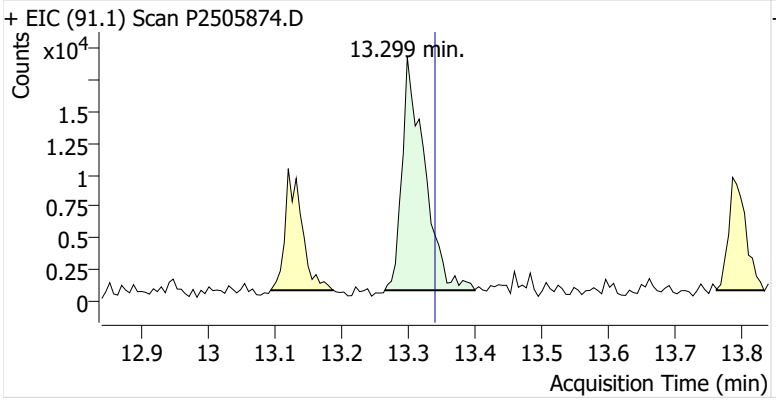


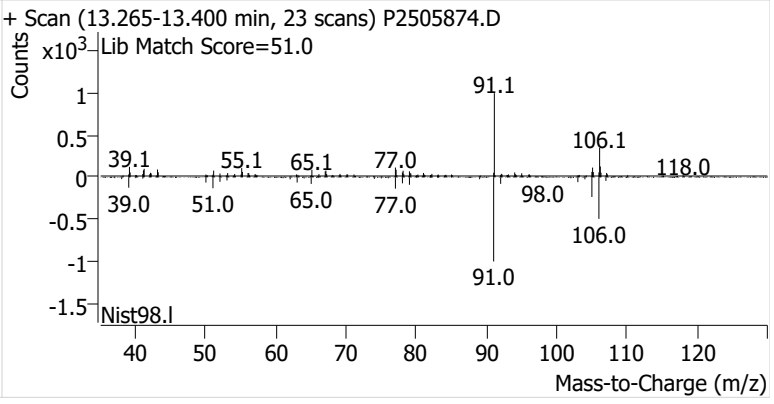
Ethylbenzene



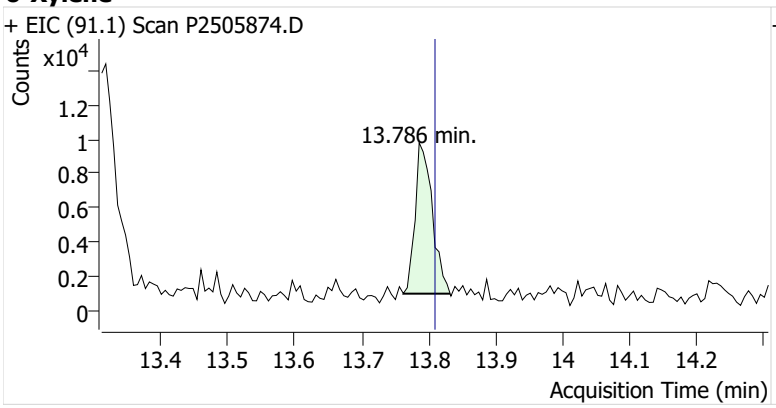


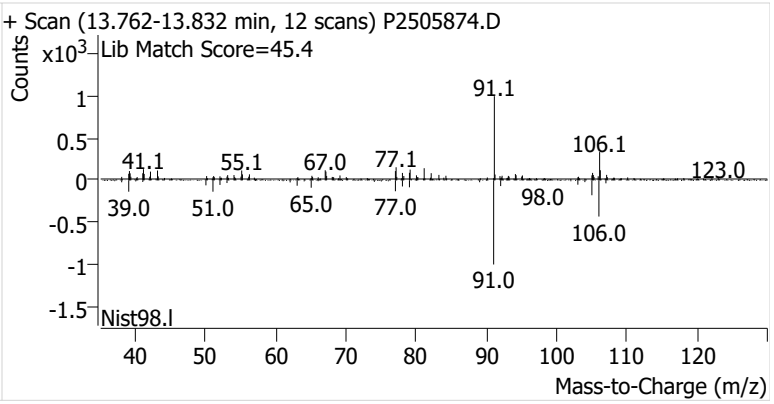
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan P2505874.D
Counts
x10^4
1.2
1
0.8
0.6
0.4
0.2
0
13.786 min.
13.4 13.5 13.6 13.7 13.8 13.9 14 14.1 14.2
Acquisition Time (min)


+ Scan (13.762-13.832 min, 12 scans) P2505874.D
Lib Match Score=45.4
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
91.1
41.1
55.1
67.0
77.1
106.1
123.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40 50 60 70 80 90 100 110 120
Mass-to-Charge (m/z)

Initial Calibration

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW306-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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: Power Engineers, Inc.
Job No.: 2025FW306-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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.20250822

Sample Custody

2025FW306

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

Page # 1 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipe Line	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
6	B47927	sample	8/27/25	10:48 AM	9/10/25	10:39 AM	JB / JB		
5	B27984	sample	8/27/25	10:54 AM	9/10/25	10:44 AM	JB / JB		
4	B43696	sample	8/27/25	10:59 AM	9/10/25	10:49 AM	JB / JB		
3	B16906	sample	8/27/25	11:03 AM	9/10/25	10:53 AM	JB / JB		
2	C36915	sample	8/27/25	11:08 AM	9/10/25	10:58 AM	JB / JB		
1	C55406	sample	8/27/25	11:11 AM	9/10/25	11:01 AM	JB / JB		
1	B15112	blank	8/27/25	11:11 AM	9/10/25	11:01 AM	JB / JB		
13	C36875	sample	8/27/25	11:16 AM	9/10/25	11:06 AM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	9/10/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Kaitlyn Caminiti	Kaitlyn Caminiti	9/11/2025	10:30 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	**BTEX**	Y	
Ice Temp: / **Blank Temp:** 14.6 / Fluke 4		**Add Custody Seal # below:** 24G09197	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

2025FW306

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

Page # 2 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	Client Name:	Portland Pipe Line	PO#:	
Site Address:		Project Number:		Sample Event #:	
City:		Project Manager:	Tom Rolfson	Sorbent:	
State		Email Address:	tom.rolfson@powererg.com		
Zip:		Telephone #:			

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)
12	B50808	sample	8/27/25	11:23 AM	9/10/25	11:14 AM	JB / JB		
11	B20825	sample	8/27/25	11:28 AM	9/10/25	11:18 AM	JB / JB		
10	B12165	sample	8/27/25	11:34 AM	9/10/25	11:23 AM	JB / JB		
9	C01781	sample	8/27/25	11:38 AM	9/10/25	11:27 AM	JB / JB		
8	B50906	sample	8/27/25	11:43 AM	9/10/25	11:33 AM	JB / JB		
8	B46072	duplicate	8/27/25	11:43 AM	9/10/25	11:33 AM	JB / JB		
7	C68641	sample	8/27/25	11:48 AM	9/10/25	11:37 AM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	9/10/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
Kaitlyn Caminiti	Kaitlyn Caminiti	9/11/2025	10:30 AM
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	BTEX	Y	
Ice Temp: / **Blank Temp:** 14.6 / Fluke 4		**Add Custody Seal # below:** 24G09197	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

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This Is The Last Page Of This Report.

Portland Pipeline - S Portland, ME

303 U.S. Route One
Freeport, ME 04032

Portland Pipeline - S Portland, ME

Samples Received: 9/26/2025

Analytical Report
2025FW307

EPA Method 325B Analysis

Report Issue Date: 10/8/2025

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

Table of Contents

Case Narrative 3
Results 6
    Summary of Results 7
    Detailed Results 8
QC Data 11
Chromatograms 14
Initial Calibration 63
Sample Custody 66
    Chain of Custody 67

Narrative Summary

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW307-1
Client ID.	Site: Portland Pipeline - S Portland, ME

1. Custody

The samples were received at Enthalpy Analytical on September 26, 2025 at 16 °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
PPSP-6-S-20250910	B46695	Sample
PPSP-5-S-20250910	C43615	Sample
PPSP-4-S-20250910	C39120	Sample
PPSP-3-S-20250910	C37490	Sample
PPSP-2-S-20250910	C57518	Sample
PPSP-1-S-20250910	C43374	Sample
PPSP-1-B-20250910	B31775	Blank
PPSP-13-S-20250910	C01325	Sample
PPSP-12-S-20250910	B48043	Sample
PPSP-11-S-20250910	C35757	Sample
PPSP-10-S-20250910	C57405	Sample
PPSP-9-S-20250910	C70602	Sample
PPSP-8-S-20250910	C17183	Sample
PPSP-8-D-20250910	C36933	Duplicate
PPSP-7-S-20250910	C40194	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 CarbopackX. All calibration standards and laboratory QC were prepared using the same media.

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.

Enthalpy Analytical Narrative Summary

Company	Power Engineers, Inc.
Job No.	2025FW307-1
Client ID.	Site: Portland Pipeline - S Portland, ME

5. QC Notes

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

Toluene was detected in field blank PPSP-1-B-20250910 Tube ID B31775 at a concentration greater than one-third of the concentration of one or more samples, all of which have been flagged “B.” The source of the low-level contamination is not known but could be the result of artifacts on the tube, media/sample handling, analytical bias, or a combination thereof.

The primary sample PPSP-8-S-20250910 (tube ID C17183) and its corresponding duplicate PPSP-8-D-20250910 (tube ID C36933) failed to meet the 30% difference criterion for Toluene as specified by the method. All samples in the data set have been flagged “P” for Toluene 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: Power Engineers, Inc.
Job No.: 2025FW307-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250910	B46695	0.682		1.09	B,P		ND	0.480	J		ND
PPSP-5-S-20250910	C43615	0.680		1.85	B,P		ND	0.594			ND
PPSP-4-S-20250910	C39120	0.585		1.69	B,P		ND	0.574			ND
PPSP-3-S-20250910	C37490	0.518		1.07	B,P		ND	0.416	J		ND
PPSP-2-S-20250910	C57518	0.785		1.10	B,P		ND	0.422	J		ND
PPSP-1-S-20250910	C43374	0.844		1.73	B,P		ND	0.400	J		ND
PPSP-1-B-20250910	B31775		ND	0.841	P		ND		ND		ND
PPSP-13-S-20250910	C01325	0.979		1.18	B,P		ND	0.483	J		ND
PPSP-12-S-20250910	B48043	0.726		0.938	B,P		ND		ND		ND
PPSP-11-S-20250910	C35757	0.746		0.927	B,P		ND	0.378	J		ND
PPSP-10-S-20250910	C57405	1.45		1.67	B,P	0.310	J	1.20		0.481	J
PPSP-9-S-20250910	C70602	1.27		1.98	B,P	0.295	J	1.14		0.469	J
PPSP-8-S-20250910	C17183	0.702		1.73	B,P		ND	0.424	J		ND
PPSP-8-D-20250910	C36933	0.630		1.09	B,P		ND	0.499	J		ND
PPSP-7-S-20250910	C40194	0.634		1.27	B,P		ND	0.684			ND

B: Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
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

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW307-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-6-S-20250910	B46695	0.682	0.214	9.07	60.9	0.660	20155	0.188	0.371	0.0589	0.116		E2503780.d	2025-09-28 15:36	0.954	8.095	67723	423868	54.2	8.038	-1.7%
PPSP-5-S-20250910	C43615	0.680	0.213	9.04	60.9	0.660	20155	0.188	0.371	0.0589	0.116		E2503781.d	2025-09-28 16:02	0.954	8.095	66693	418901	54.2	8.038	-2.9%
PPSP-4-S-20250910	C39120	0.585	0.183	7.78	60.9	0.660	20154	0.188	0.371	0.0589	0.116		E2503782.d	2025-09-28 16:27	0.954	8.095	59383	433122	54.2	8.038	0.4%
PPSP-3-S-20250910	C37490	0.518	0.162	6.89	60.9	0.660	20155	0.188	0.371	0.0589	0.116		E2503783.d	2025-09-28 16:53	0.954	8.102	51821	426740	54.2	8.038	-1.1%
PPSP-2-S-20250910	C57518	0.785	0.246	10.4	60.9	0.660	20154	0.188	0.371	0.0589	0.116		E2503784.d	2025-09-28 17:19	0.954	8.095	78390	426120	54.2	8.038	-1.2%
PPSP-1-S-20250910	C43374	0.844	0.264	11.2	60.9	0.660	20154	0.188	0.371	0.0589	0.116		E2503785.d	2025-09-28 17:44	0.954	8.095	83507	422377	54.2	8.038	-2.1%
PPSP-1-B-20250910	B31775				60.9	0.660	20154	0.188	0.371	0.0589	0.116	ND	E2503779.d	2025-09-28 15:10	0.954	8.095	14182	421000	54.2	8.038	-2.4%
PPSP-13-S-20250910	C01325	0.979	0.306	13.0	60.9	0.660	20154	0.188	0.371	0.0589	0.116		E2503786.d	2025-09-28 18:11	0.954	8.095	99049	432054	54.2	8.038	0.2%
PPSP-12-S-20250910	B48043	0.726	0.227	9.65	60.9	0.660	20153	0.188	0.371	0.0589	0.116		E2503787.d	2025-09-28 18:37	0.954	8.102	73628	433142	54.2	8.038	0.4%
PPSP-11-S-20250910	C35757	0.746	0.234	9.92	60.9	0.660	20153	0.188	0.371	0.0589	0.116		E2503788.d	2025-09-28 19:02	0.954	8.095	76163	435684	54.2	8.038	1.0%
PPSP-10-S-20250910	C57405	1.45	0.454	19.3	60.9	0.660	20153	0.188	0.371	0.0589	0.116		E2503790.d	2025-09-28 19:54	0.954	8.103	146994	432788	54.2	8.038	0.3%
PPSP-9-S-20250910	C70602	1.27	0.397	16.8	60.9	0.660	20153	0.188	0.371	0.0589	0.116		E2503791.d	2025-09-28 20:20	0.954	8.103	131958	444642	54.2	8.045	3.1%
PPSP-8-S-20250910	C17183	0.702	0.220	9.34	60.9	0.660	20153	0.188	0.371	0.0589	0.116		E2503792.d	2025-09-28 20:45	0.954	8.103	72781	442467	54.2	8.045	2.6%
PPSP-8-D-20250910	C36933	0.630	0.197	8.38	60.9	0.660	20153	0.188	0.371	0.0589	0.116		E2503793.d	2025-09-28 21:11	0.954	8.102	64051	433921	54.2	8.038	0.6%
PPSP-7-S-20250910	C40194	0.634	0.198	8.43	60.9	0.660	20153	0.188	0.371	0.0589	0.116		E2503794.d	2025-09-28 21:37	0.954	8.095	65850	443671	54.2	8.038	2.9%

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
PPSP-6-S-20250910	B46695	1.09	0.288	11.2	60.9	0.512	20155	0.242	0.517	0.0643	0.137	B,P	E2503780.d	2025-09-28 15:36	1.147	10.839	91940	451575	63.2	10.739	-2.5%
PPSP-5-S-20250910	C43615	1.85	0.491	19.1	60.9	0.512	20155	0.242	0.517	0.0643	0.137	B,P	E2503781.d	2025-09-28 16:02	1.147	10.839	156325	450725	63.2	10.739	-2.7%
PPSP-4-S-20250910	C39120	1.69	0.448	17.4	60.9	0.512	20154	0.242	0.517	0.0643	0.137	B,P	E2503782.d	2025-09-28 16:27	1.147	10.839	147419	465823	63.2	10.738	0.6%
PPSP-3-S-20250910	C37490	1.07	0.284	11.0	60.9	0.512	20155	0.242	0.517	0.0643	0.137	B,P	E2503783.d	2025-09-28 16:53	1.147	10.839	91900	458801	63.2	10.738	-1.0%
PPSP-2-S-20250910	C57518	1.10	0.292	11.4	60.9	0.512	20154	0.242	0.517	0.0643	0.137	B,P	E2503784.d	2025-09-28 17:19	1.147	10.839	95244	461386	63.2	10.738	-0.4%
PPSP-1-S-20250910	C43374	1.73	0.460	17.9	60.9	0.512	20154	0.242	0.517	0.0643	0.137	B,P	E2503785.d	2025-09-28 17:44	1.147	10.839	149316	460135	63.2	10.738	-0.7%
PPSP-1-B-20250910	B31775	0.841	0.223	8.68	60.9	0.512	20154	0.242	0.517	0.0643	0.137	P	E2503779.d	2025-09-28 15:10	1.147	10.839	71366	452725	63.2	10.739	-2.3%
PPSP-13-S-20250910	C01325	1.18	0.312	12.1	60.9	0.512	20154	0.242	0.517	0.0643	0.137	B,P	E2503786.d	2025-09-28 18:11	1.147	10.839	102155	463684	63.2	10.738	0.1%
PPSP-12-S-20250910	B48043	0.938	0.249	9.68	60.9	0.512	20153	0.242	0.517	0.0643	0.137	B,P	E2503787.d	2025-09-28 18:37	1.147	10.839	81270	462480	63.2	10.738	-0.2%
PPSP-11-S-20250910	C35757	0.927	0.246	9.56	60.9	0.512	20153	0.242	0.517	0.0643	0.137	B,P	E2503788.d	2025-09-28 19:02	1.147	10.839	80736	464914	63.2	10.738	0.4%
PPSP-10-S-20250910	C57405	1.67	0.442	17.2	60.9	0.512	20153	0.242	0.517	0.0643	0.137	B,P	E2503790.d	2025-09-28 19:54	1.147	10.839	147176	471565	63.2	10.739	1.8%
PPSP-9-S-20250910	C70602	1.98	0.525	20.4	60.9	0.512	20153	0.242	0.517	0.0643	0.137	B,P	E2503791.d	2025-09-28 20:20	1.147	10.839	176158	475466	63.2	10.746	2.6%
PPSP-8-S-20250910	C17183	1.73	0.460	17.9	60.9	0.512	20153	0.242	0.517	0.0643	0.137	B,P	E2503792.d	2025-09-28 20:45	1.147	10.839	154914	477670	63.2	10.739	3.1%
PPSP-8-D-20250910	C36933	1.09	0.288	11.2	60.9	0.512	20153	0.242	0.517	0.0643	0.137	B,P	E2503793.d	2025-09-28 21:11	1.147	10.839	94398	464130	63.2	10.738	0.2%
PPSP-7-S-20250910	C40194	1.27	0.337	13.1	60.9	0.512	20153	0.242	0.517	0.0643	0.137	B,P	E2503794.d	2025-09-28 21:37	1.147	10.839	112977	474439	63.2	10.738	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
PPSP-6-S-20250910	B46695				60.9	0.453	20155	0.274	0.562	0.0631	0.130	ND	E2503780.d	2025-09-28 15:36	1.304	13.031	16254	451575	63.2	10.739	-2.5%
PPSP-5-S-20250910	C43615				60.9	0.453	20155	0.274	0.562	0.0631	0.130	ND	E2503781.d	2025-09-28 16:02	1.304	13.031	15549	450725	63.2	10.739	-2.7%
PPSP-4-S-20250910	C39120				60.9	0.453	20154	0.274	0.562	0.0631	0.130	ND	E2503782.d	2025-09-28 16:27	1.304	13.031	15252	465823	63.2	10.738	0.6%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW307-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-3-S-20250910	C37490				60.9	0.453	20155	0.274	0.562	0.0631	0.130	ND	E2503783.d	2025-09-28 16:53	1.304	13.031	13062	458801	63.2	10.738	-1.0%
PPSP-2-S-20250910	C57518				60.9	0.453	20154	0.274	0.562	0.0631	0.130	ND	E2503784.d	2025-09-28 17:19	1.304	13.031	10602	461386	63.2	10.738	-0.4%
PPSP-1-S-20250910	C43374				60.9	0.453	20154	0.274	0.562	0.0631	0.130	ND	E2503785.d	2025-09-28 17:44	1.304	13.031	13445	460135	63.2	10.738	-0.7%
PPSP-1-B-20250910	B31775				60.9	0.453	20154	0.274	0.562	0.0631	0.130	ND	E2503779.d	2025-09-28 15:10	1.304	13.031	2434	452725	63.2	10.739	-2.3%
PPSP-13-S-20250910	C01325				60.9	0.453	20154	0.274	0.562	0.0631	0.130	ND	E2503786.d	2025-09-28 18:11	1.304	13.031	16980	463684	63.2	10.738	0.1%
PPSP-12-S-20250910	B48043				60.9	0.453	20153	0.274	0.562	0.0631	0.130	ND	E2503787.d	2025-09-28 18:37	1.304	13.031	7736	462480	63.2	10.738	-0.2%
PPSP-11-S-20250910	C35757				60.9	0.453	20153	0.274	0.562	0.0631	0.130	ND	E2503788.d	2025-09-28 19:02	1.304	13.031	14461	464914	63.2	10.738	0.4%
PPSP-10-S-20250910	C57405	0.310	0.0714	2.83	60.9	0.453	20153	0.274	0.562	0.0631	0.130	J	E2503790.d	2025-09-28 19:54	1.304	13.031	27556	471565	63.2	10.739	1.8%
PPSP-9-S-20250910	C70602	0.295	0.0680	2.69	60.9	0.453	20153	0.274	0.562	0.0631	0.130	J	E2503791.d	2025-09-28 20:20	1.304	13.031	26442	475466	63.2	10.746	2.6%
PPSP-8-S-20250910	C17183				60.9	0.453	20153	0.274	0.562	0.0631	0.130	ND	E2503792.d	2025-09-28 20:45	1.304	13.031	16454	477670	63.2	10.739	3.1%
PPSP-8-D-20250910	C36933				60.9	0.453	20153	0.274	0.562	0.0631	0.130	ND	E2503793.d	2025-09-28 21:11	1.304	13.031	19355	464130	63.2	10.738	0.2%
PPSP-7-S-20250910	C40194				60.9	0.453	20153	0.274	0.562	0.0631	0.130	ND	E2503794.d	2025-09-28 21:37	1.304	13.030	18444	474439	63.2	10.738	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
PPSP-6-S-20250910	B46695	0.480	0.111	4.38	60.9	0.453	20155	0.274	0.531	0.0631	0.122	J	E2503780.d	2025-09-28 15:36	1.035	13.210	32436	451575	63.2	10.739	-2.5%
PPSP-5-S-20250910	C43615	0.594	0.137	5.43	60.9	0.453	20155	0.274	0.531	0.0631	0.122		E2503781.d	2025-09-28 16:02	1.035	13.210	40087	450725	63.2	10.739	-2.7%
PPSP-4-S-20250910	C39120	0.574	0.132	5.24	60.9	0.453	20154	0.274	0.531	0.0631	0.122		E2503782.d	2025-09-28 16:27	1.035	13.210	39991	465823	63.2	10.738	0.6%
PPSP-3-S-20250910	C37490	0.416	0.0959	3.80	60.9	0.453	20155	0.274	0.531	0.0631	0.122	J	E2503783.d	2025-09-28 16:53	1.035	13.203	28574	458801	63.2	10.738	-1.0%
PPSP-2-S-20250910	C57518	0.422	0.0972	3.85	60.9	0.453	20154	0.274	0.531	0.0631	0.122	J	E2503784.d	2025-09-28 17:19	1.035	13.202	29138	461386	63.2	10.738	-0.4%
PPSP-1-S-20250910	C43374	0.400	0.0922	3.65	60.9	0.453	20154	0.274	0.531	0.0631	0.122	J	E2503785.d	2025-09-28 17:44	1.035	13.203	27546	460135	63.2	10.738	-0.7%
PPSP-1-B-20250910	B31775				60.9	0.453	20154	0.274	0.531	0.0631	0.122	ND	E2503779.d	2025-09-28 15:10	1.035	13.210	1781	452725	63.2	10.739	-2.3%
PPSP-13-S-20250910	C01325	0.483	0.111	4.41	60.9	0.453	20154	0.274	0.531	0.0631	0.122	J	E2503786.d	2025-09-28 18:11	1.035	13.210	33537	463684	63.2	10.738	0.1%
PPSP-12-S-20250910	B48043				60.9	0.453	20153	0.274	0.531	0.0631	0.122	ND	E2503787.d	2025-09-28 18:37	1.035	13.210	18660	462480	63.2	10.738	-0.2%
PPSP-11-S-20250910	C35757	0.378	0.0870	3.45	60.9	0.453	20153	0.274	0.531	0.0631	0.122	J	E2503788.d	2025-09-28 19:02	1.035	13.210	26279	464914	63.2	10.738	0.4%
PPSP-10-S-20250910	C57405	1.20	0.277	11.0	60.9	0.453	20153	0.274	0.531	0.0631	0.122		E2503790.d	2025-09-28 19:54	1.035	13.210	84744	471565	63.2	10.739	1.8%
PPSP-9-S-20250910	C70602	1.14	0.262	10.4	60.9	0.453	20153	0.274	0.531	0.0631	0.122		E2503791.d	2025-09-28 20:20	1.035	13.210	80863	475466	63.2	10.746	2.6%
PPSP-8-S-20250910	C17183	0.424	0.0977	3.87	60.9	0.453	20153	0.274	0.531	0.0631	0.122	J	E2503792.d	2025-09-28 20:45	1.035	13.203	30309	477670	63.2	10.739	3.1%
PPSP-8-D-20250910	C36933	0.499	0.115	4.56	60.9	0.453	20153	0.274	0.531	0.0631	0.122	J	E2503793.d	2025-09-28 21:11	1.035	13.210	34655	464130	63.2	10.738	0.2%
PPSP-7-S-20250910	C40194	0.684	0.158	6.24	60.9	0.453	20153	0.274	0.531	0.0631	0.122		E2503794.d	2025-09-28 21:37	1.035	13.210	48542	474439	63.2	10.738	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
PPSP-6-S-20250910	B46695				60.9	0.453	20155	0.274	0.554	0.0631	0.128	ND	E2503780.d	2025-09-28 15:36	1.079	13.704	12582	451575	63.2	10.739	-2.5%
PPSP-5-S-20250910	C43615				60.9	0.453	20155	0.274	0.554	0.0631	0.128	ND	E2503781.d	2025-09-28 16:02	1.079	13.711	16519	450725	63.2	10.739	-2.7%
PPSP-4-S-20250910	C39120				60.9	0.453	20154	0.274	0.554	0.0631	0.128	ND	E2503782.d	2025-09-28 16:27	1.079	13.711	15799	465823	63.2	10.738	0.6%
PPSP-3-S-20250910	C37490				60.9	0.453	20155	0.274	0.554	0.0631	0.128	ND	E2503783.d	2025-09-28 16:53	1.079	13.711	11404	458801	63.2	10.738	-1.0%
PPSP-2-S-20250910	C57518				60.9	0.453	20154	0.274	0.554	0.0631	0.128	ND	E2503784.d	2025-09-28 17:19	1.079	13.711	11582	461386	63.2	10.738	-0.4%
PPSP-1-S-20250910	C43374				60.9	0.453	20154	0.274	0.554	0.0631	0.128	ND	E2503785.d	2025-09-28 17:44	1.079	13.711	11276	460135	63.2	10.738	-0.7%

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW307-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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
PPSP-1-B-20250910	B31775				60.9	0.453	20154	0.274	0.554	0.0631	0.128	ND	E2503779.d	2025-09-28 15:10	1.079	13.704	633	452725	63.2	10.739	-2.3%
PPSP-13-S-20250910	C01325				60.9	0.453	20154	0.274	0.554	0.0631	0.128	ND	E2503786.d	2025-09-28 18:11	1.079	13.711	12359	463684	63.2	10.738	0.1%
PPSP-12-S-20250910	B48043				60.9	0.453	20153	0.274	0.554	0.0631	0.128	ND	E2503787.d	2025-09-28 18:37	1.079	13.711	7772	462480	63.2	10.738	-0.2%
PPSP-11-S-20250910	C35757				60.9	0.453	20153	0.274	0.554	0.0631	0.128	ND	E2503788.d	2025-09-28 19:02	1.079	13.711	9844	464914	63.2	10.738	0.4%
PPSP-10-S-20250910	C57405	0.481	0.111	4.39	60.9	0.453	20153	0.274	0.554	0.0631	0.128	J	E2503790.d	2025-09-28 19:54	1.079	13.711	35410	471565	63.2	10.739	1.8%
PPSP-9-S-20250910	C70602	0.469	0.108	4.29	60.9	0.453	20153	0.274	0.554	0.0631	0.128	J	E2503791.d	2025-09-28 20:20	1.079	13.711	34828	475466	63.2	10.746	2.6%
PPSP-8-S-20250910	C17183				60.9	0.453	20153	0.274	0.554	0.0631	0.128	ND	E2503792.d	2025-09-28 20:45	1.079	13.711	12885	477670	63.2	10.739	3.1%
PPSP-8-D-20250910	C36933				60.9	0.453	20153	0.274	0.554	0.0631	0.128	ND	E2503793.d	2025-09-28 21:11	1.079	13.711	13523	464130	63.2	10.738	0.2%
PPSP-7-S-20250910	C40194				60.9	0.453	20153	0.274	0.554	0.0631	0.128	ND	E2503794.d	2025-09-28 21:37	1.079	13.711	20048	474439	63.2	10.738	2.4%

B: Compound present in field blank(s) greater than 1/3 the compliance limit or measured target analyte
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

QC Data

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW307-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

QC Samples

Field Sample Type	Sample Code	Benzene		Toluene		Ethylbenzene		m-/p-Xylenes		o-Xylene	
Blanks (ug/m³)	PPSP-1-B-20250910	ND	Pass	0.841	Fail	ND	Pass	ND	Pass	ND	Pass
Duplicates (difference)	PPSP-8-D-20250910	11%	Pass	46%	Fail	ND	Pass	16%	Pass	ND	Pass

Enthalpy Analytical

Company: Power Engineers, Inc.

Job No.: 2025FW307-1 EPA Method 325B Analysis

Site: Portland Pipeline - S Portland, ME

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	E2503777.d	C70107	Cal	0.954		0.954	8.8%	-17%		Pass	
2025FW307 Method Blank-1	E2503778.d	C35866	Blank			0.954			0.20%	Pass	ND
M325B CCV 5	E2503789.d	B17418	Check	0.962		0.954	9.7%		2.5%	Pass	
M325B CCV 5	E2503795.d	C70547	Check	0.951		0.954	8.5%		3.1%	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	E2503777.d	C70107	Cal	1.147		1.147	16%	-15%		Pass	
2025FW307 Method Blank-1	E2503778.d	C35866	Blank			1.147			1.7%	Pass	ND
M325B CCV 5	E2503789.d	B17418	Check	1.144		1.147	16%		2.7%	Pass	
M325B CCV 5	E2503795.d	C70547	Check	1.168		1.147	18%		2.1%	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	E2503777.d	C70107	Cal	1.304		1.304	9.2%	-15%		Pass	
2025FW307 Method Blank-1	E2503778.d	C35866	Blank			1.304			1.7%	Pass	ND
M325B CCV 5	E2503789.d	B17418	Check	1.361		1.304	14%		2.7%	Pass	
M325B CCV 5	E2503795.d	C70547	Check	1.381		1.304	16%		2.1%	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	E2503777.d	C70107	Cal	1.035		1.035	-0.20%	-15%		Pass	
2025FW307 Method Blank-1	E2503778.d	C35866	Blank			1.035			1.7%	Pass	ND
M325B CCV 5	E2503789.d	B17418	Check	1.041		1.035	0.33%		2.7%	Pass	
M325B CCV 5	E2503795.d	C70547	Check	1.077		1.035	3.8%		2.1%	Pass	

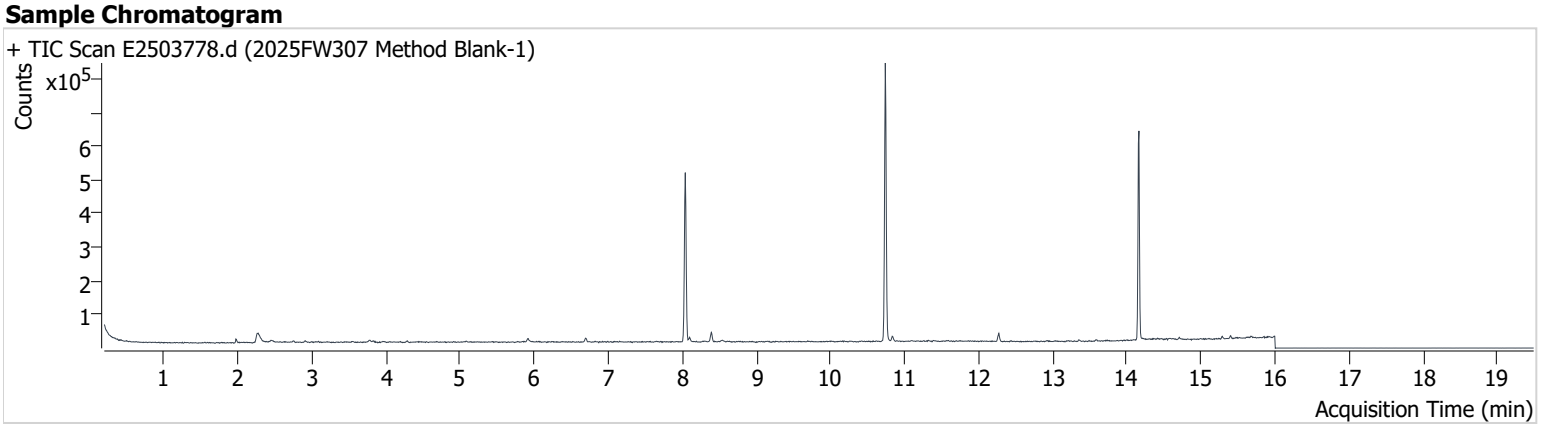
o-Xylene Calibration and Blanks

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	E2503777.d	C70107	Cal	1.079		1.079	14%	-15%		Pass	
2025FW307 Method Blank-1	E2503778.d	C35866	Blank			1.079			1.7%	Pass	ND
M325B CCV 5	E2503789.d	B17418	Check	1.097		1.079	15%		2.7%	Pass	
M325B CCV 5	E2503795.d	C70547	Check	1.101		1.079	16%		2.1%	Pass	

Chromatograms

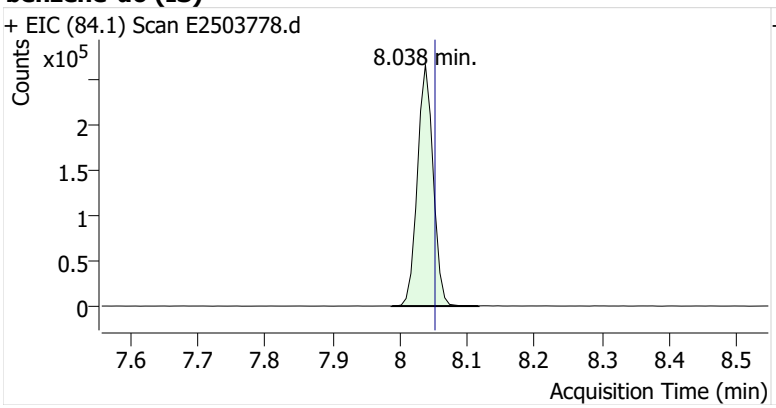
Name	2025FW307 Method Blank-1
Comment	C35866
Data File	E2503778.d
Acq. Date-Time	9/28/2025 2:44:52 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

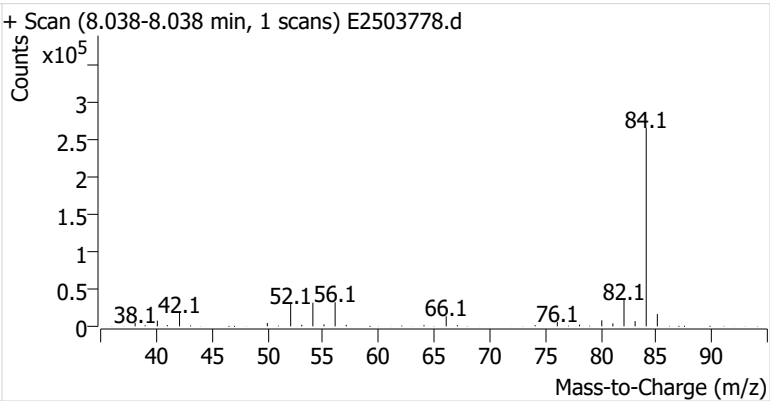
Sample Chromatogram



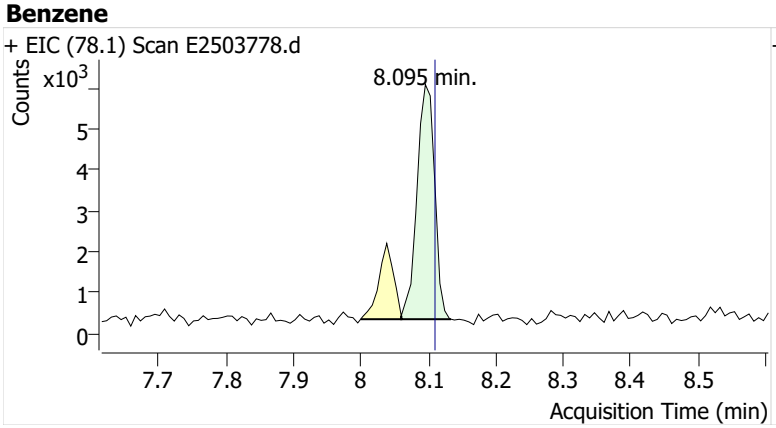
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	432,199	
Benzene	benzene-d6 (IS)	8.095	8.110	10,387	
Toluene-d8 (IS)		10.739	10.753	471,031	
Toluene	Toluene-d8 (IS)	10.832	10.846	9,328	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	1,267	m
m-/p-Xylenes	Toluene-d8 (IS)	13.224	13.217	1,879	
o-Xylene	Toluene-d8 (IS)	14.163	13.718	ND	m

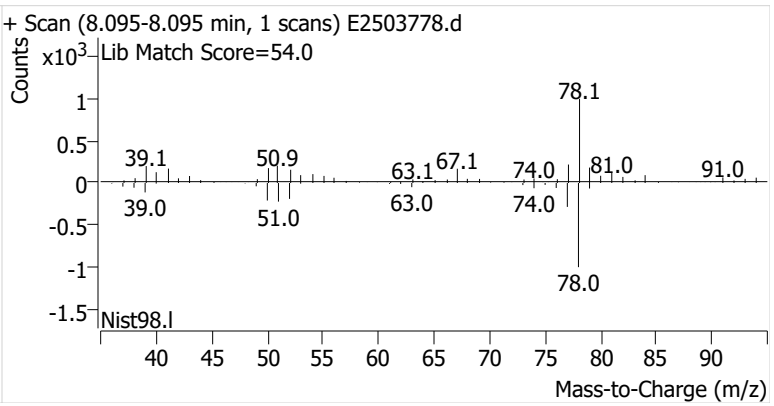
benzene-d6 (IS)



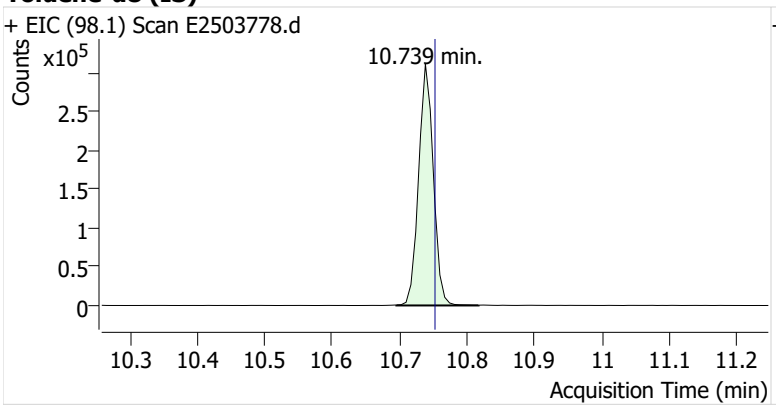


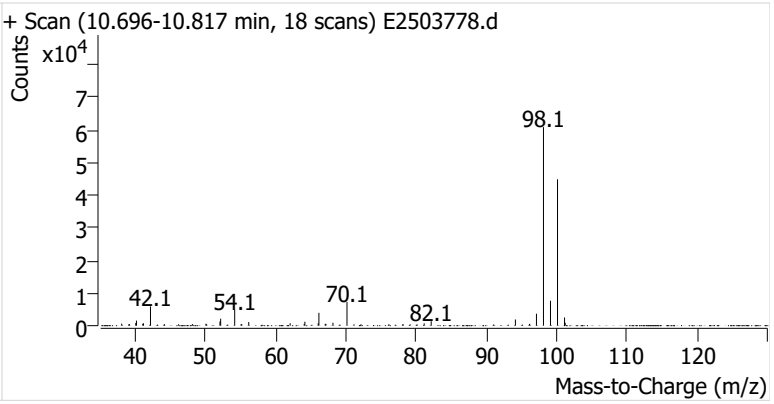
Benzene



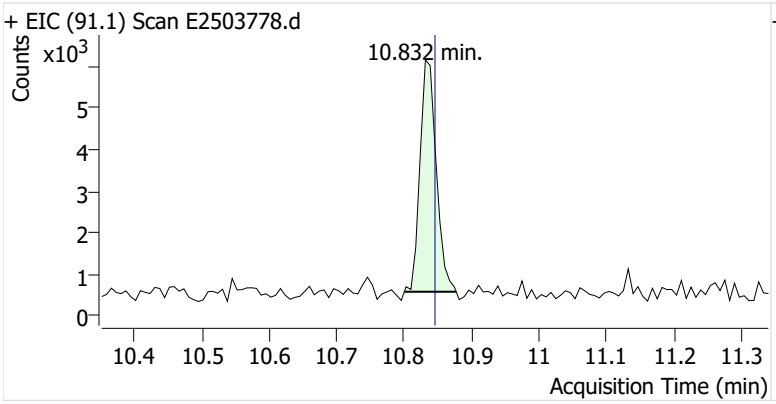


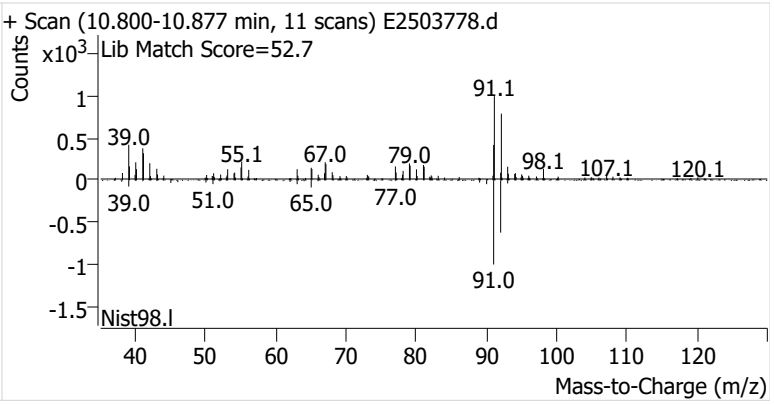
Toluene-d8 (IS)



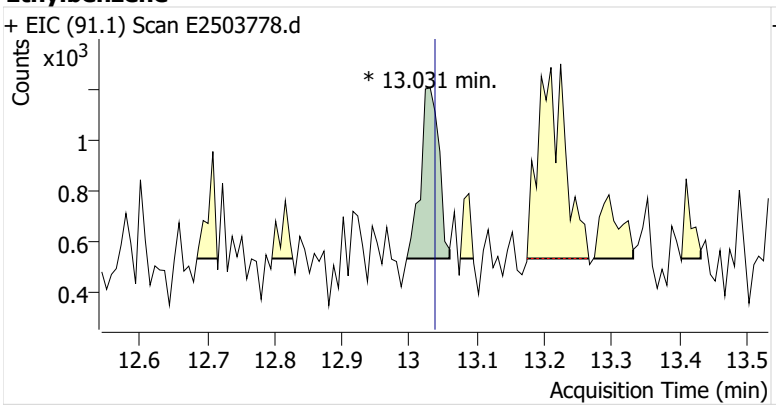


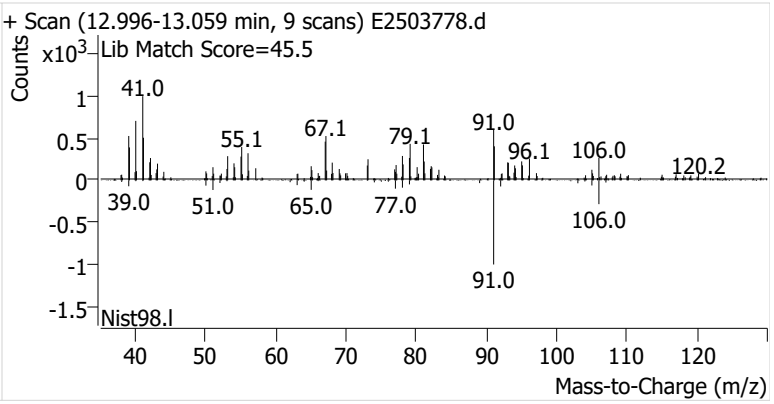
Toluene



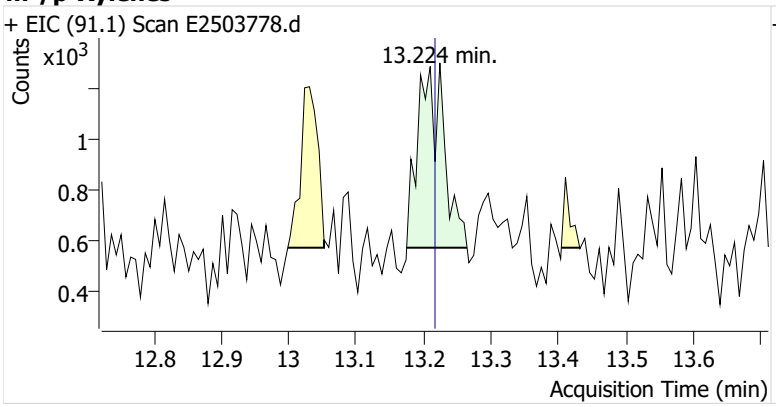


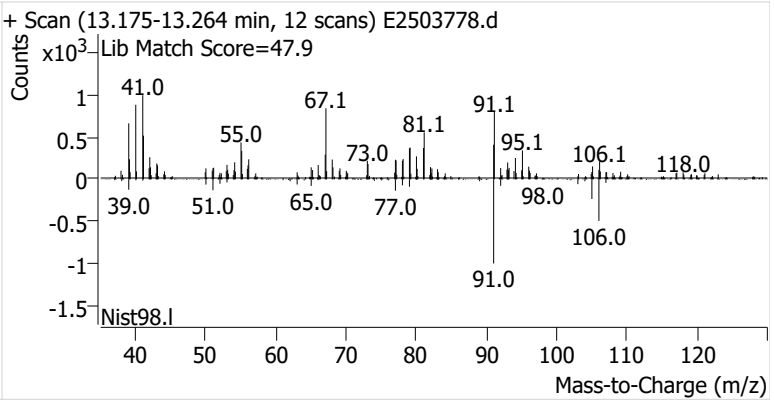
Ethylbenzene



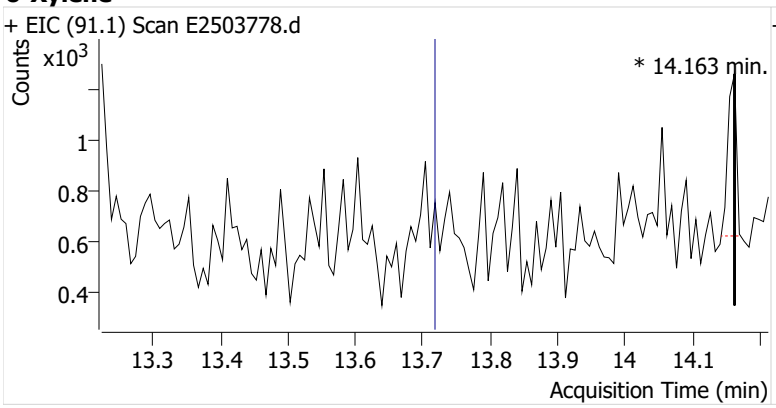


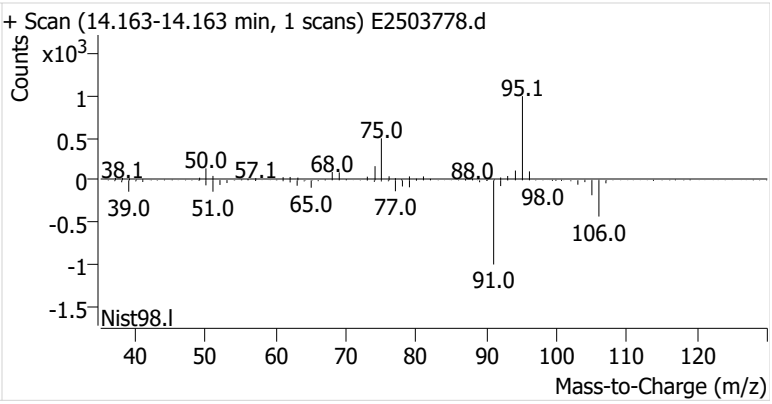
m-/p-Xylenes





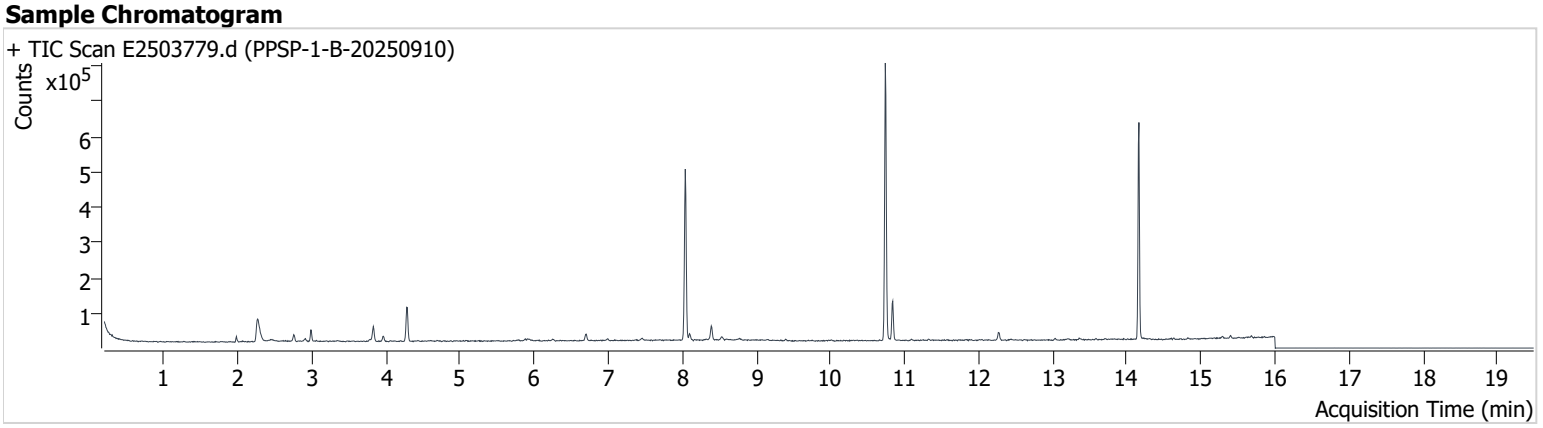
o-Xylene


+ EIC (91.1) Scan E2503778.d
Counts
x10^3
* 14.163 min.
1
0.8
0.6
0.4
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (14.163-14.163 min, 1 scans) E2503778.d
Counts
x10^3
1
0.5
0
-0.5
-1
-1.5
95.1
75.0
38.1
50.0
57.1
68.0
88.0
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

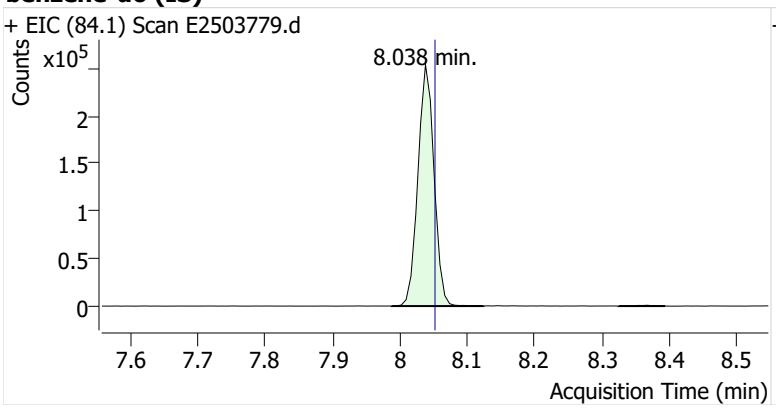
Name	PPSP-1-B-20250910
Comment	B31775
Data File	E2503779.d
Acq. Date-Time	9/28/2025 3:10:31 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

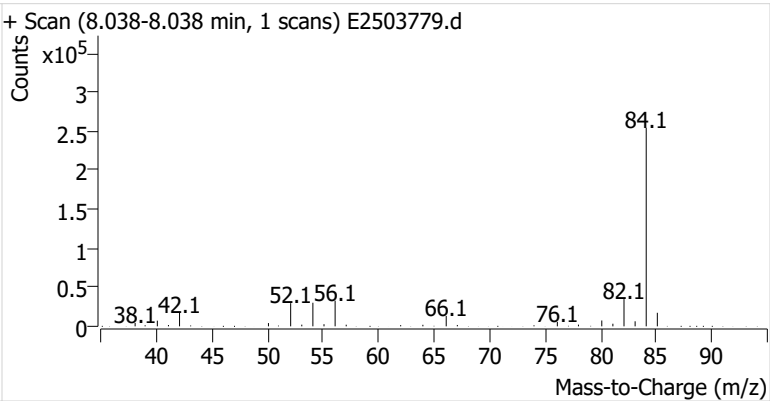
Sample Chromatogram



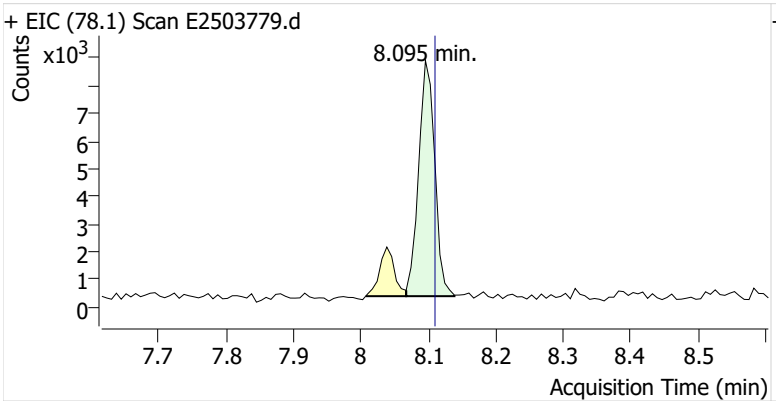
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	421,000	
Benzene	benzene-d6 (IS)	8.095	8.110	14,182	
Toluene-d8 (IS)		10.739	10.753	452,725	
Toluene	Toluene-d8 (IS)	10.839	10.846	71,366	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	2,434	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	1,781	m
o-Xylene	Toluene-d8 (IS)	13.704	13.718	633	

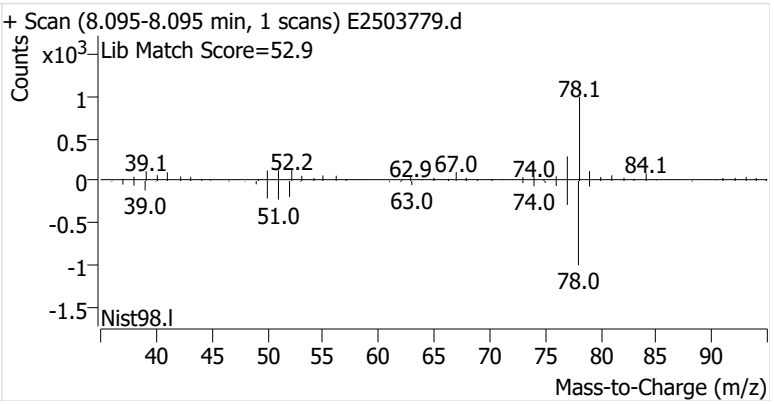
benzene-d6 (IS)



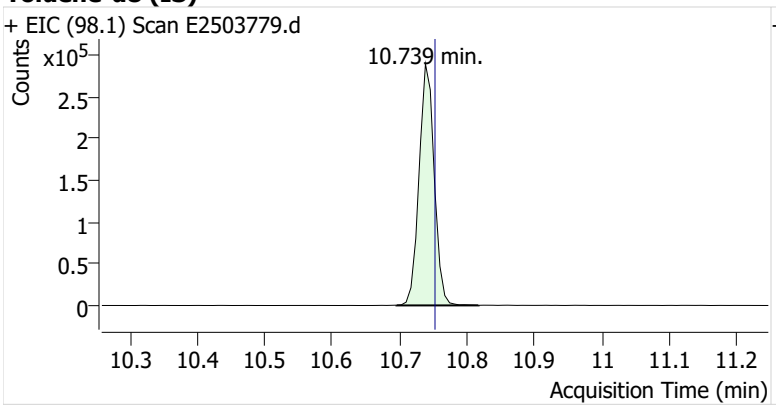


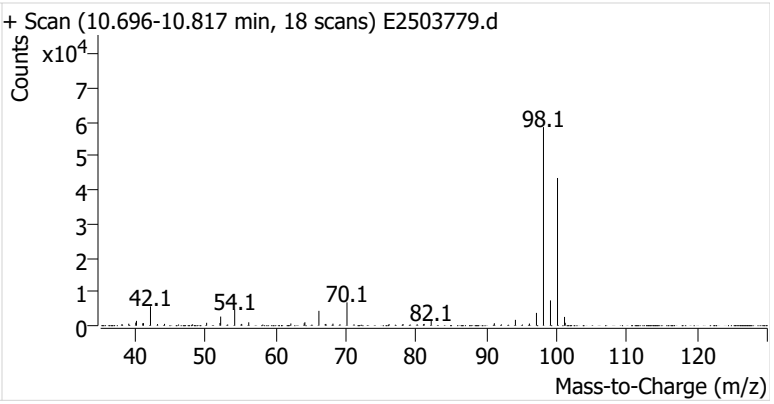
Benzene



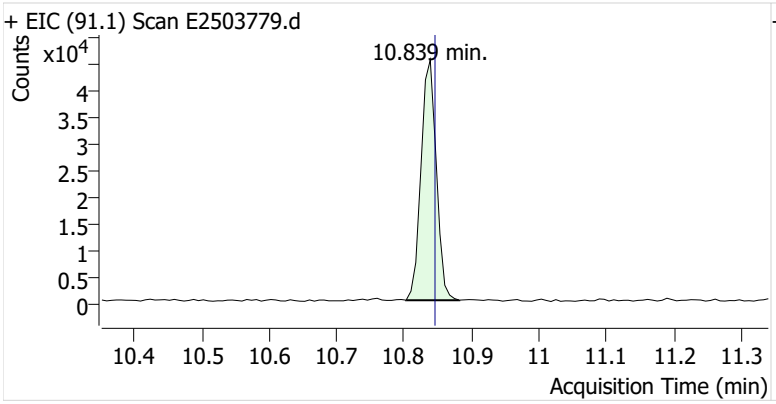


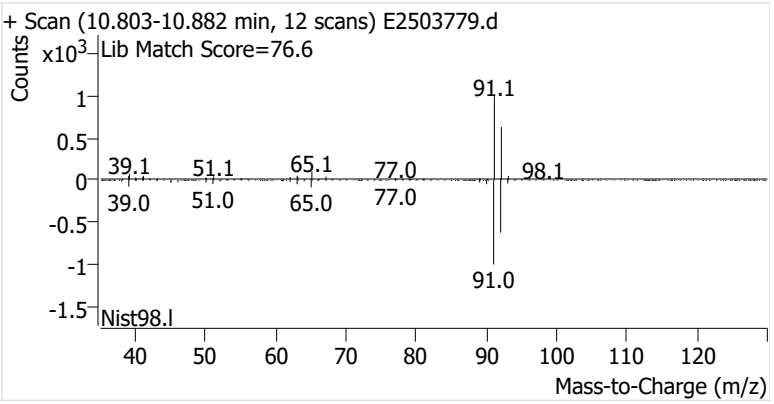
Toluene-d8 (IS)



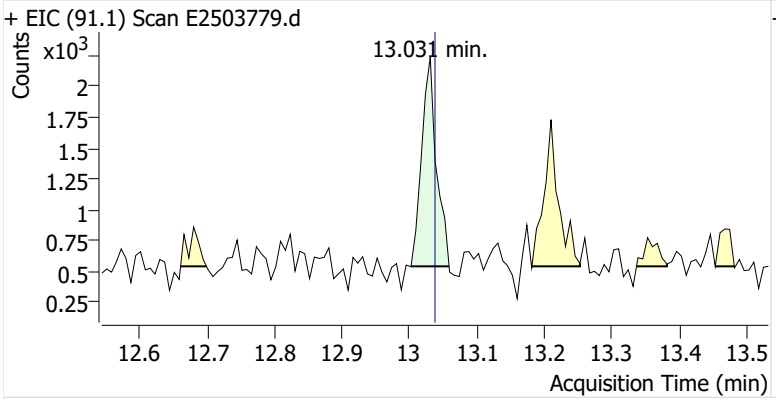


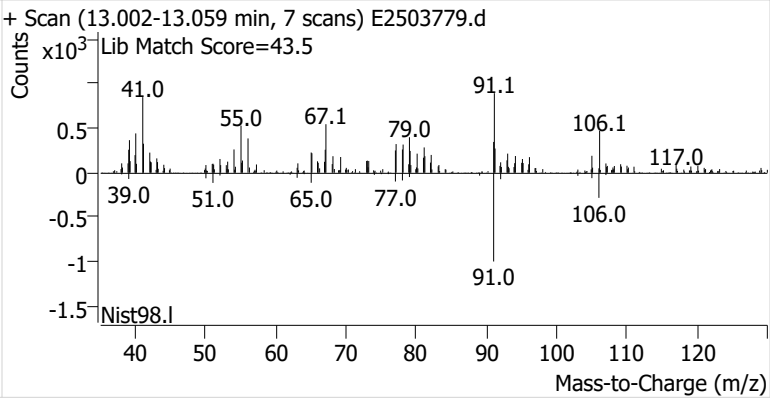
Toluene



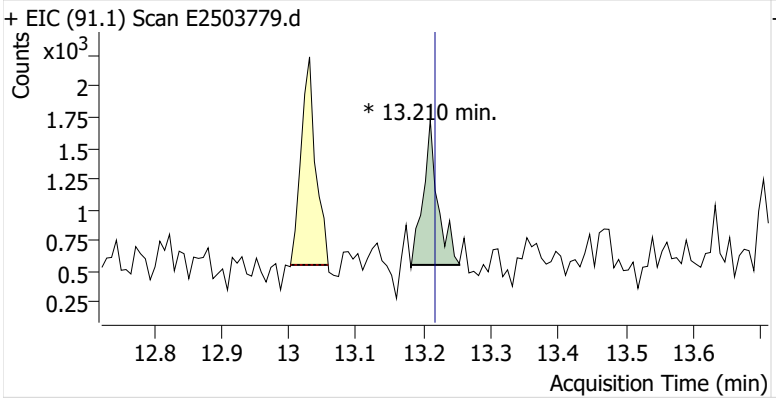


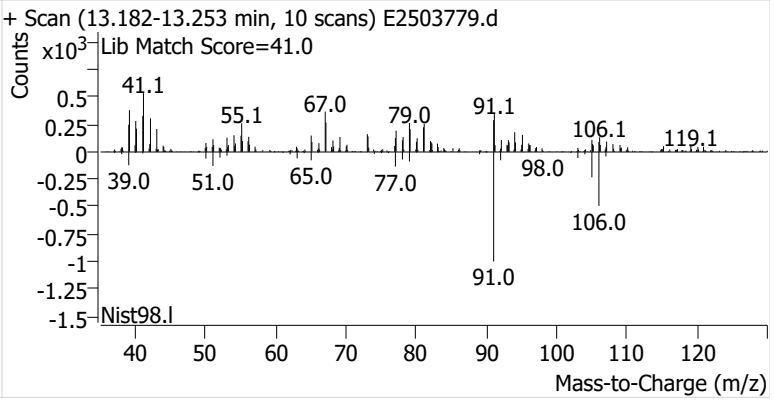
Ethylbenzene



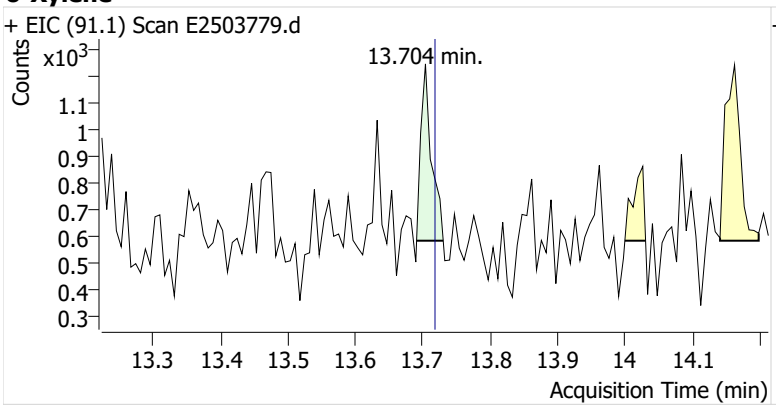


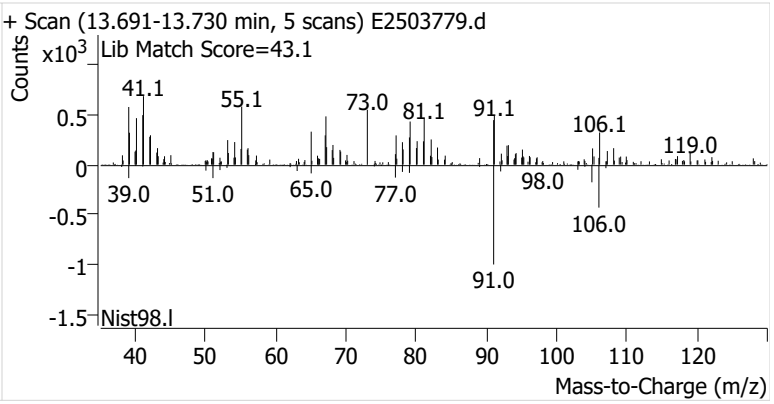
m-/p-Xylenes





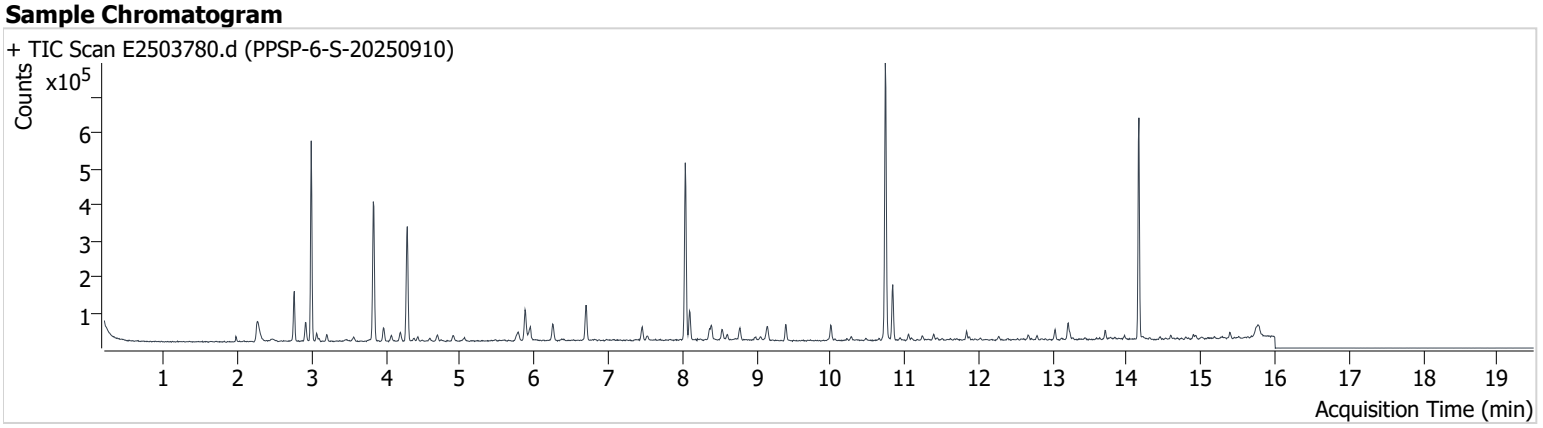
o-Xylene


+ EIC (91.1) Scan E2503779.d
Counts
x10^3
13.704 min.
1.1
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.691-13.730 min, 5 scans) E2503779.d
Counts
x10^3
Lib Match Score=43.1
41.1
55.1
73.0
81.1
91.1
106.1
119.0
0.5
0
-0.5
-1
-1.5
39.0
51.0
65.0
77.0
98.0
106.0
91.0
Nist98.l
40
50
60
70
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Mass-to-Charge (m/z)

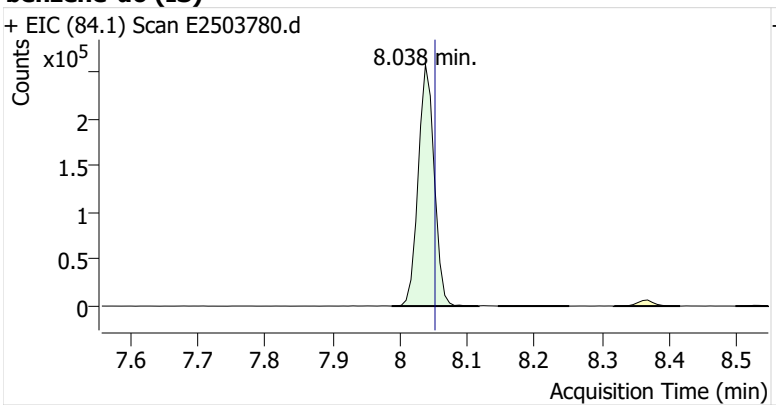
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Comment	B46695
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Acq. Date-Time	9/28/2025 3:36:16 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

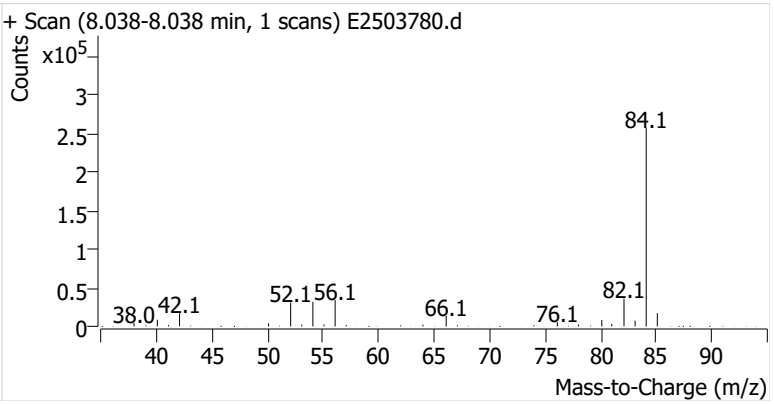
Sample Chromatogram



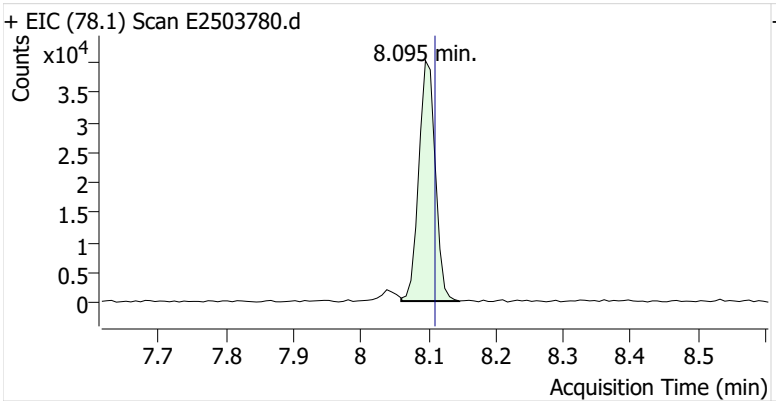
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	423,868	
Benzene	benzene-d6 (IS)	8.095	8.110	67,723	
Toluene-d8 (IS)		10.739	10.753	451,575	
Toluene	Toluene-d8 (IS)	10.839	10.846	91,940	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	16,254	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	32,436	
o-Xylene	Toluene-d8 (IS)	13.704	13.718	12,582	

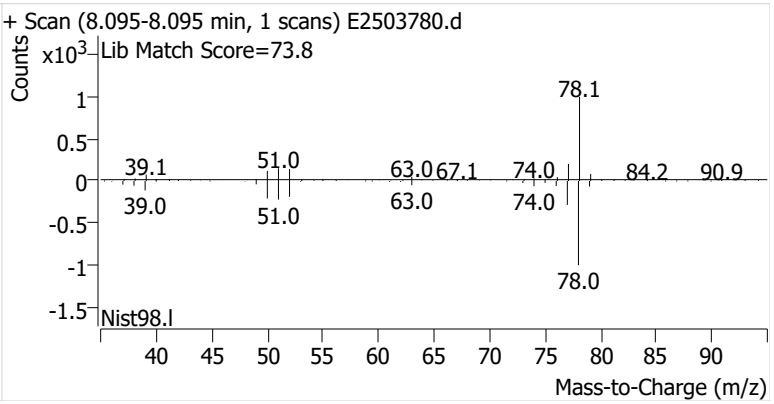
benzene-d6 (IS)



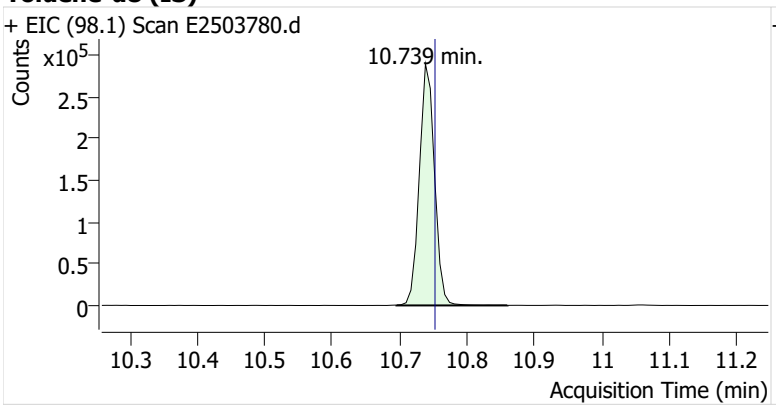


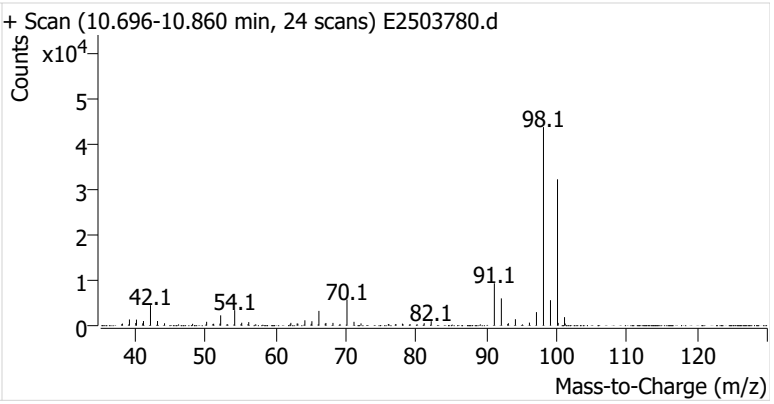
Benzene



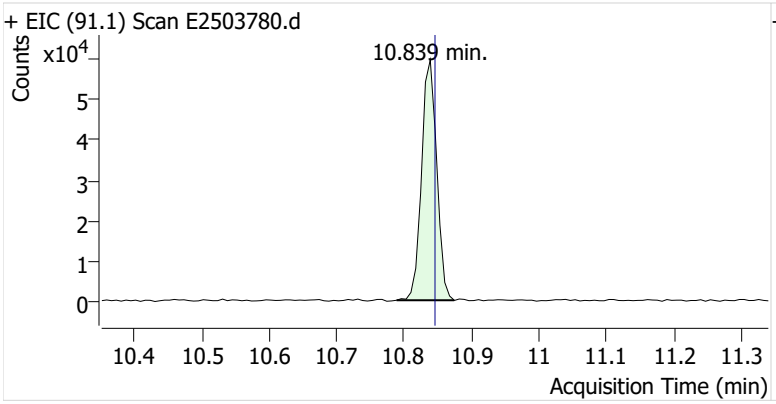


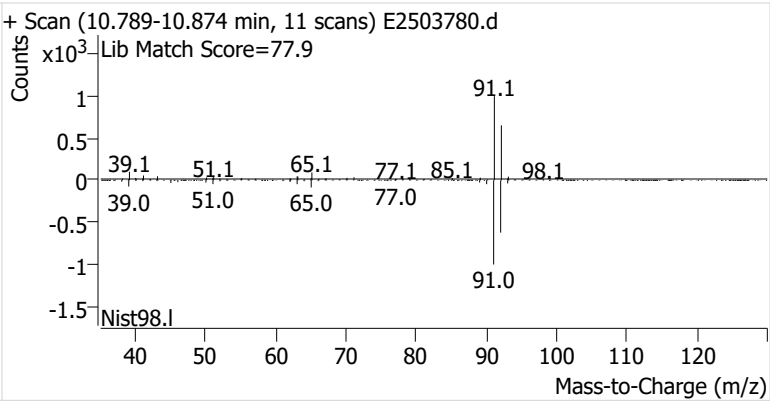
Toluene-d8 (IS)



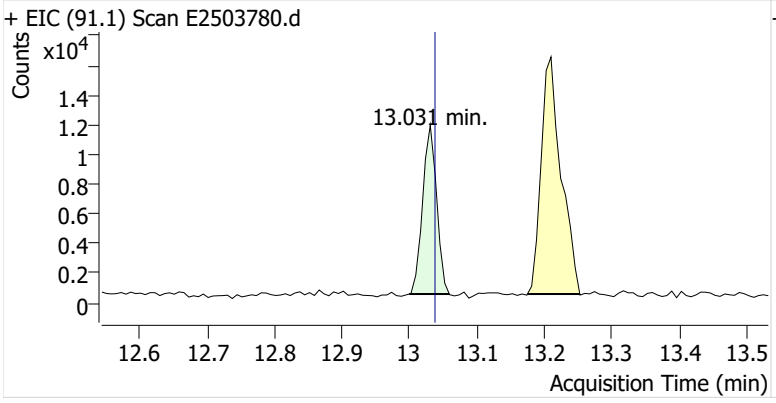


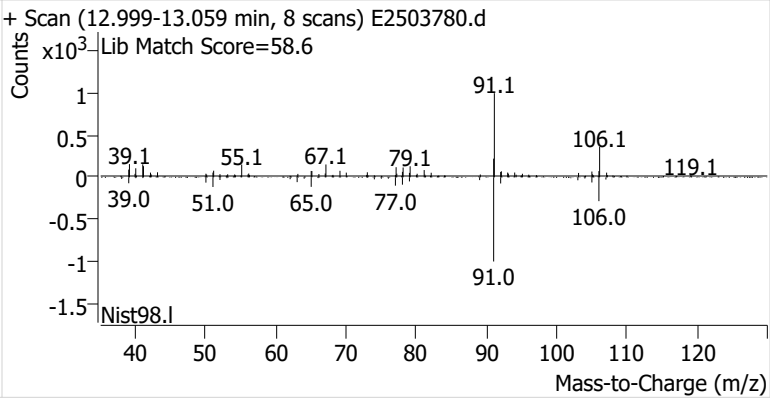
Toluene



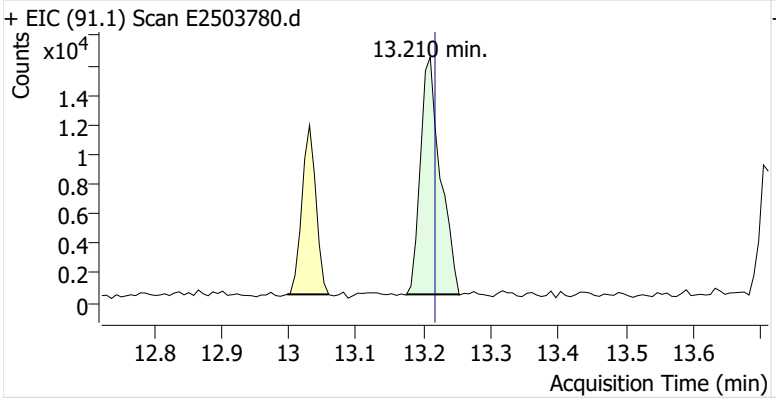


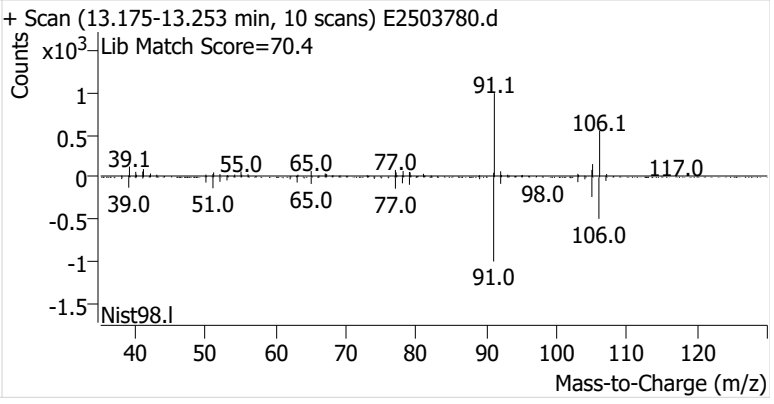
Ethylbenzene



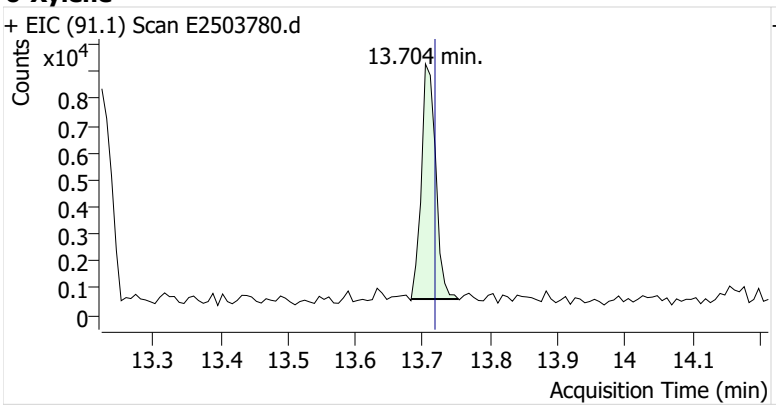


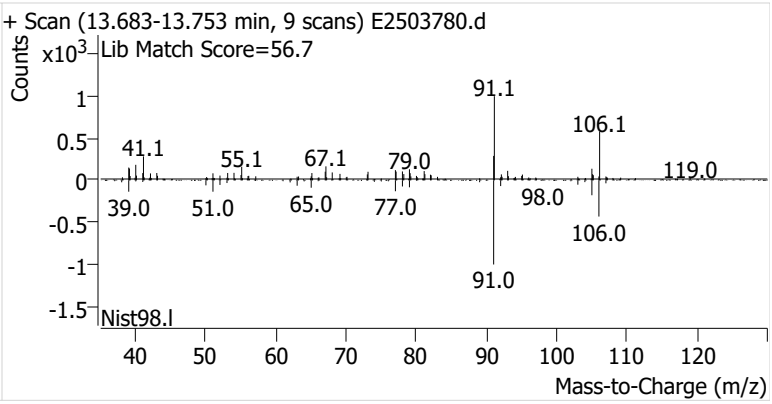
m-/p-Xylenes





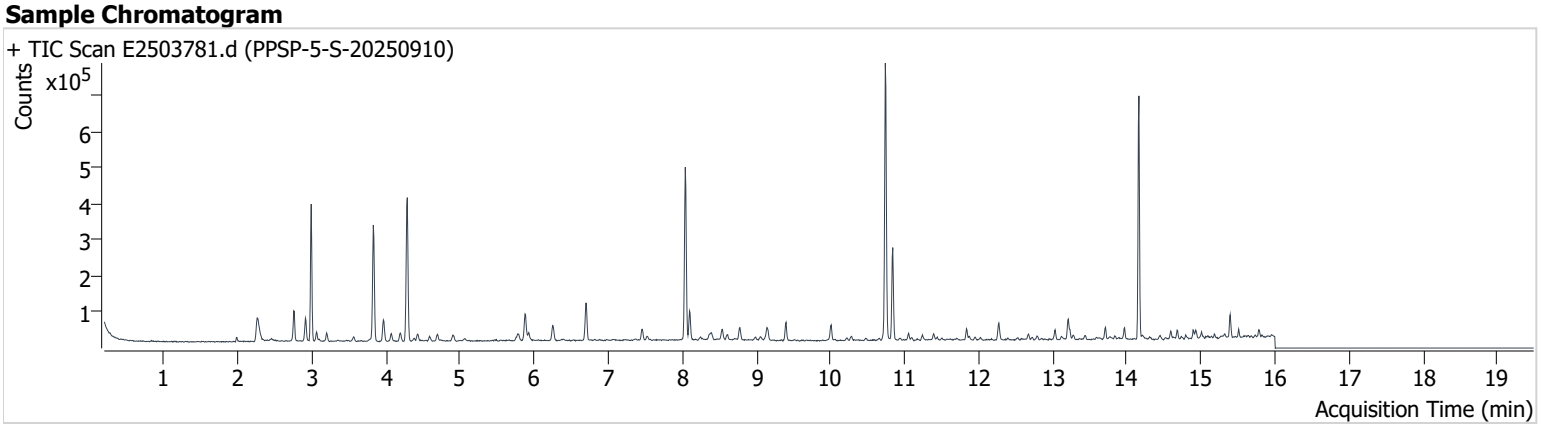
o-Xylene


+ EIC (91.1) Scan E2503780.d
Counts
x10^4
13.704 min.
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.683-13.753 min, 9 scans) E2503780.d
Counts
x10^3
Lib Match Score=56.7
91.1
106.1
41.1
55.1
67.1
79.0
119.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

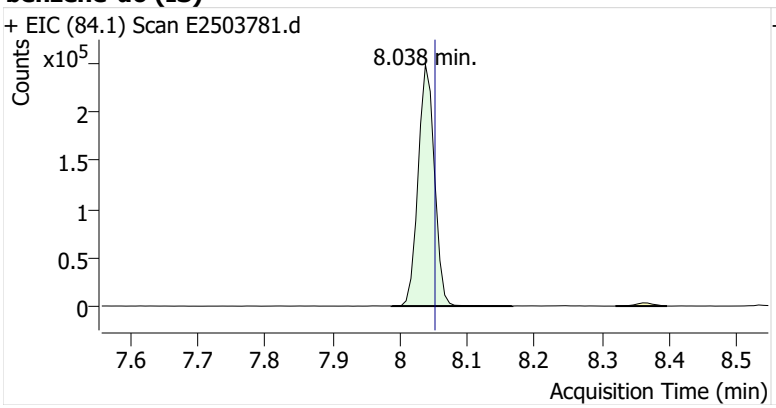
Name	PPSP-5-S-20250910
Comment	C43615
Data File	E2503781.d
Acq. Date-Time	9/28/2025 4:02:06 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

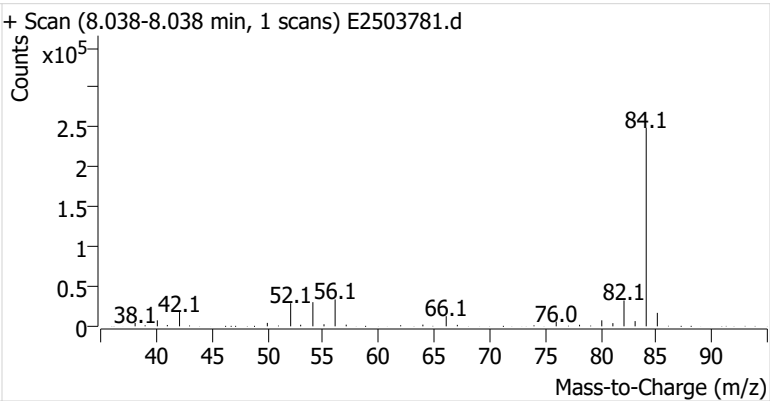
Sample Chromatogram



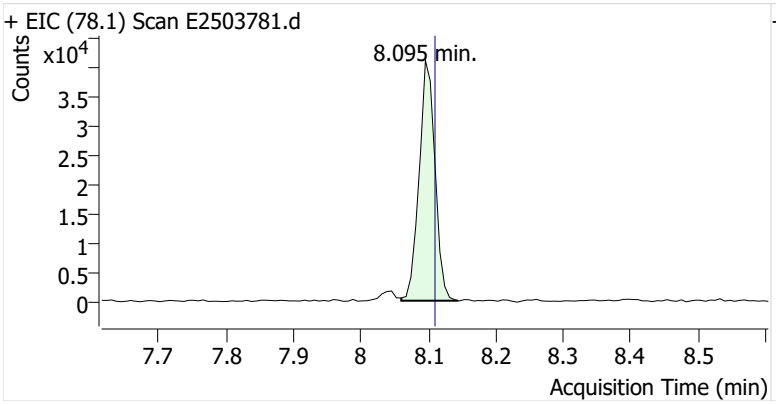
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	418,901	
Benzene	benzene-d6 (IS)	8.095	8.110	66,693	
Toluene-d8 (IS)		10.739	10.753	450,725	
Toluene	Toluene-d8 (IS)	10.839	10.846	156,325	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	15,549	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	40,087	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	16,519	

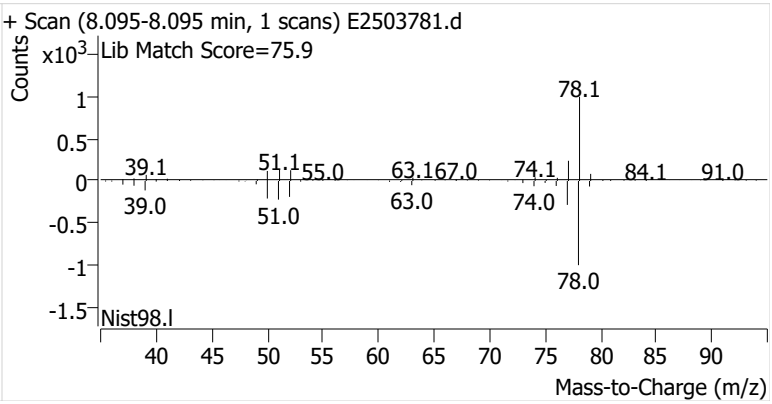
benzene-d6 (IS)



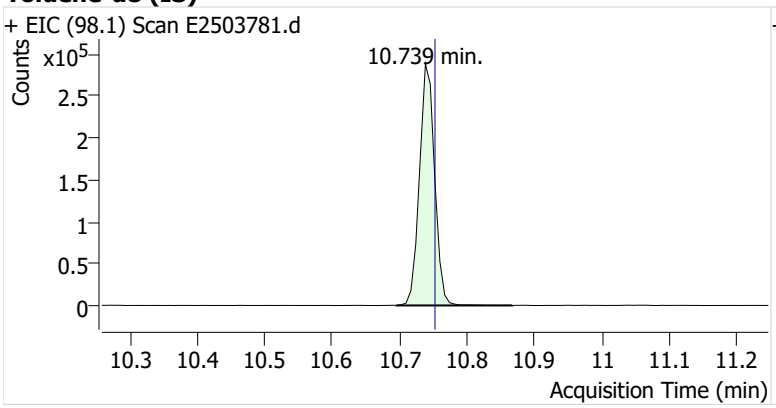


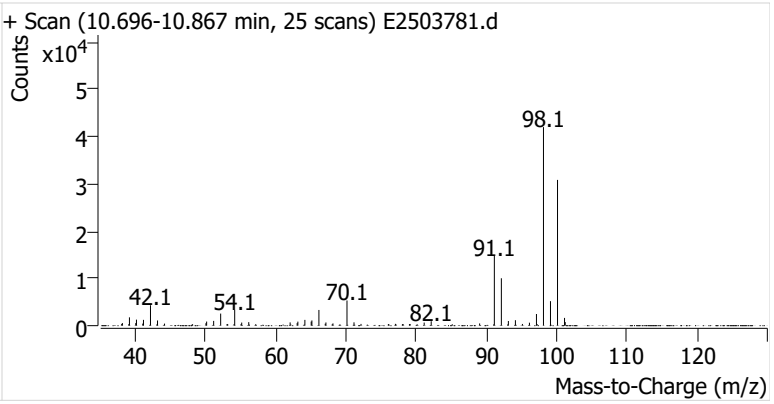
Benzene



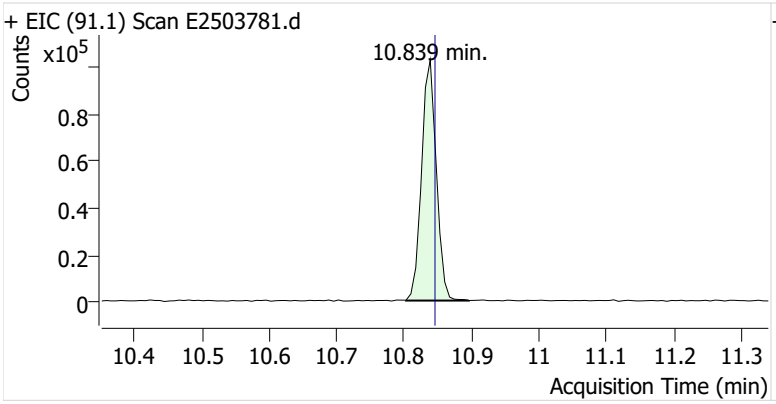


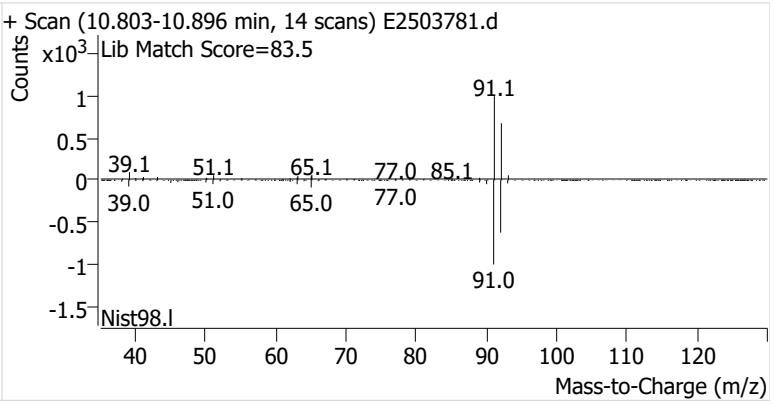
Toluene-d8 (IS)



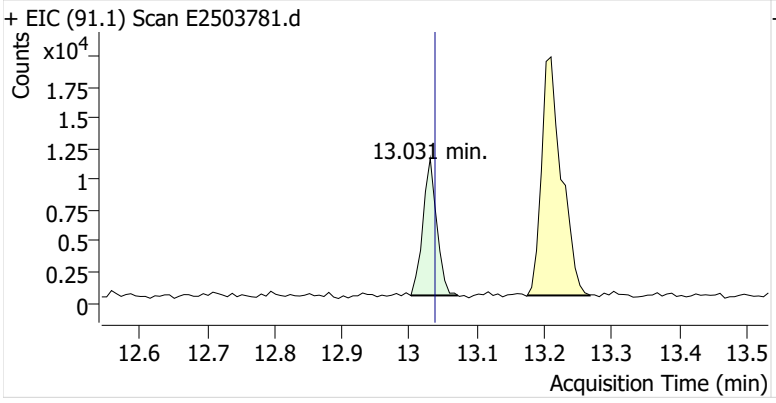


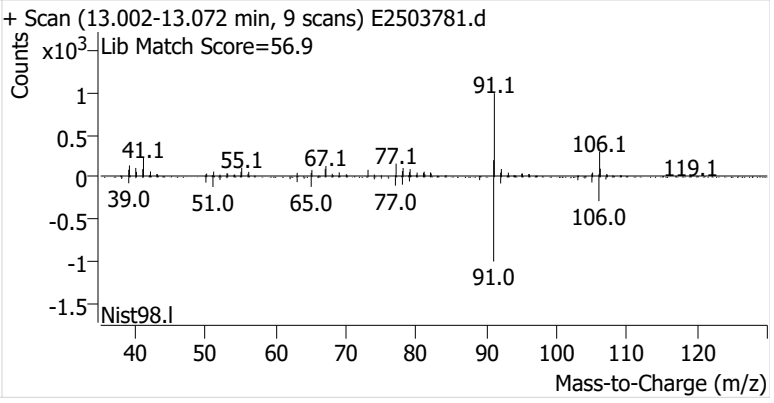
Toluene



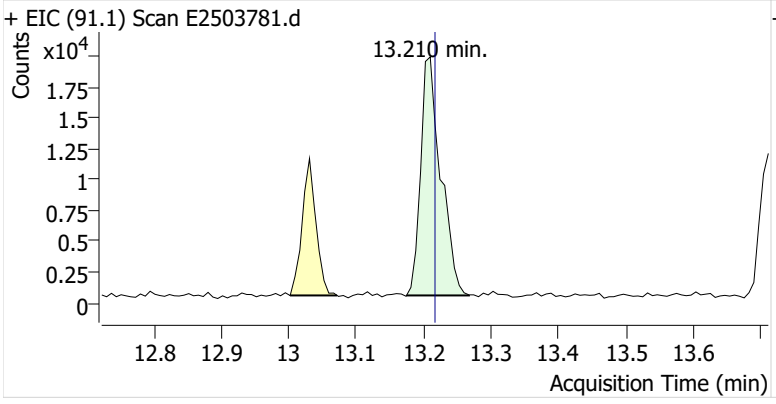


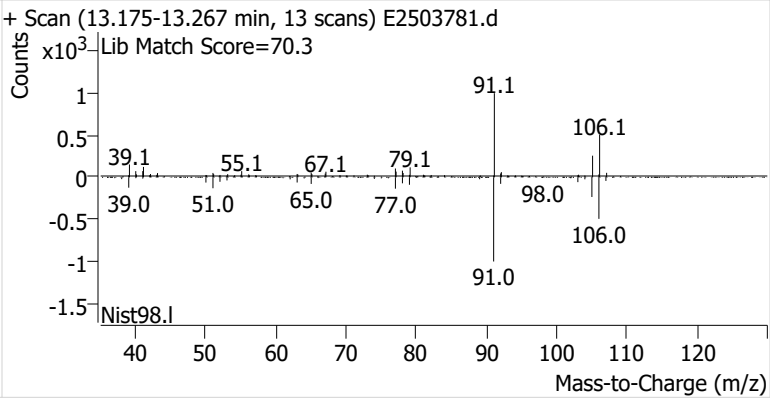
Ethylbenzene



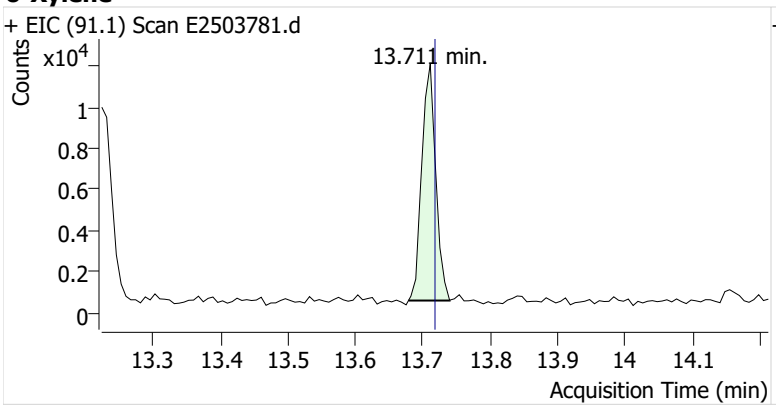


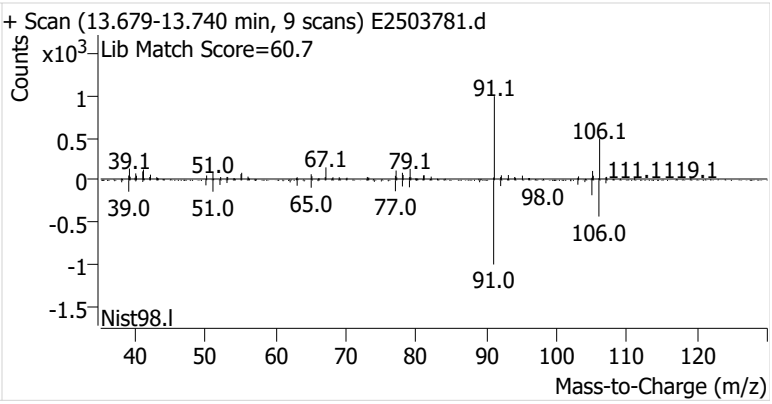
m-/p-Xylenes





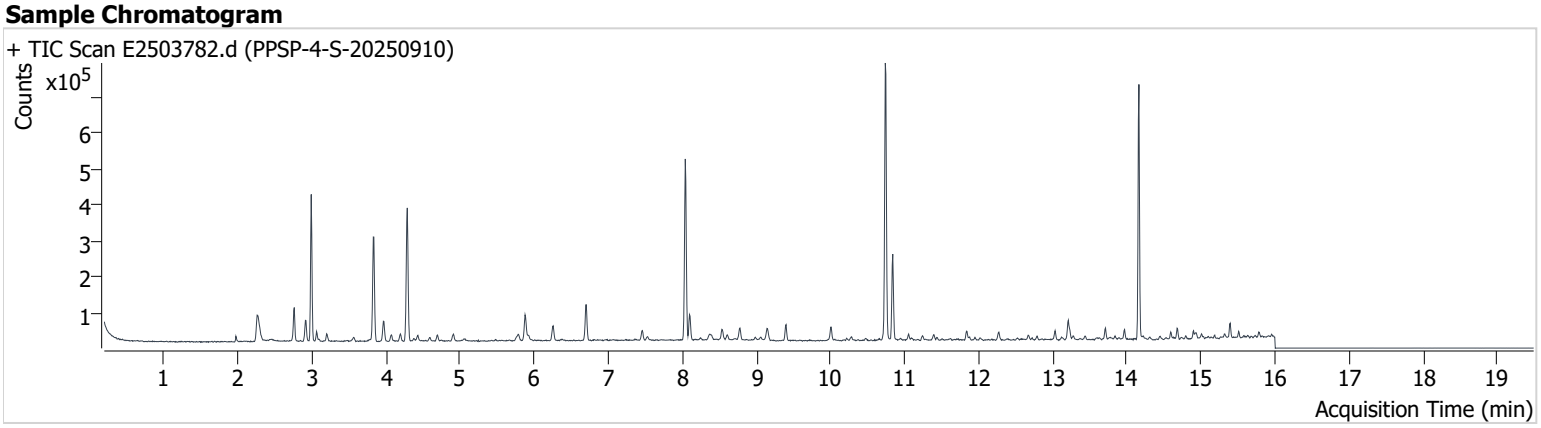
o-Xylene


+ EIC (91.1) Scan E2503781.d
Counts
x10^4
13.711 min.
1
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.679-13.740 min, 9 scans) E2503781.d
Counts
x10^3
Lib Match Score=60.7
91.1
106.1
39.1
51.0
67.1
79.1
111.1119.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

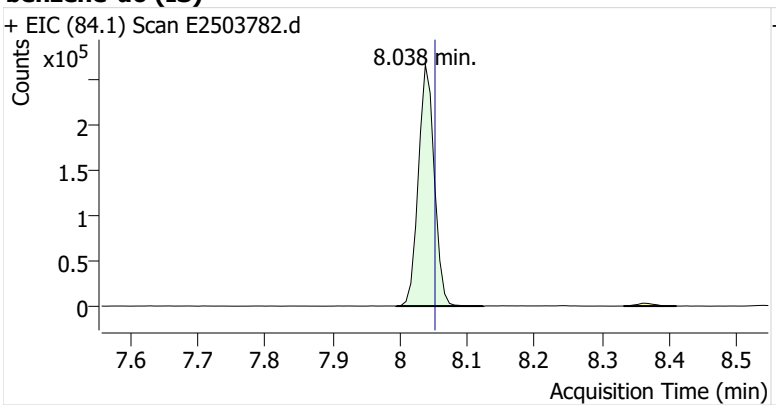
Name	PPSP-4-S-20250910
Comment	C39120
Data File	E2503782.d
Acq. Date-Time	9/28/2025 4:27:43 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

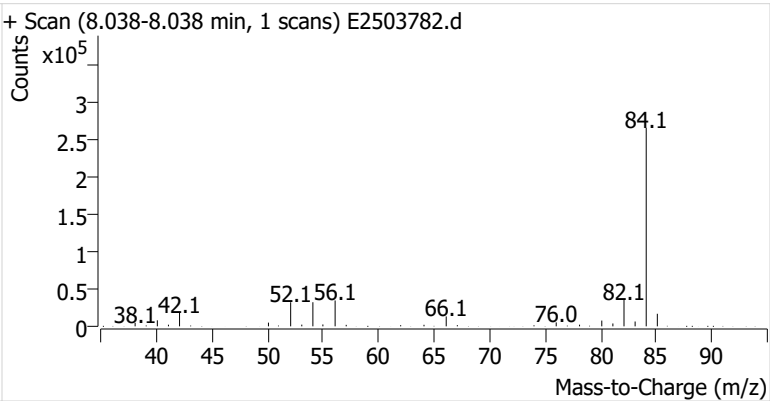
Sample Chromatogram



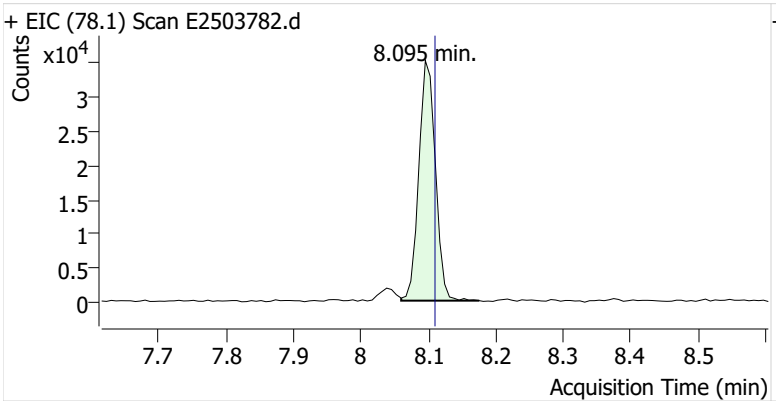
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	433,122	
Benzene	benzene-d6 (IS)	8.095	8.110	59,383	
Toluene-d8 (IS)		10.738	10.753	465,823	
Toluene	Toluene-d8 (IS)	10.839	10.846	147,419	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	15,252	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	39,991	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	15,799	

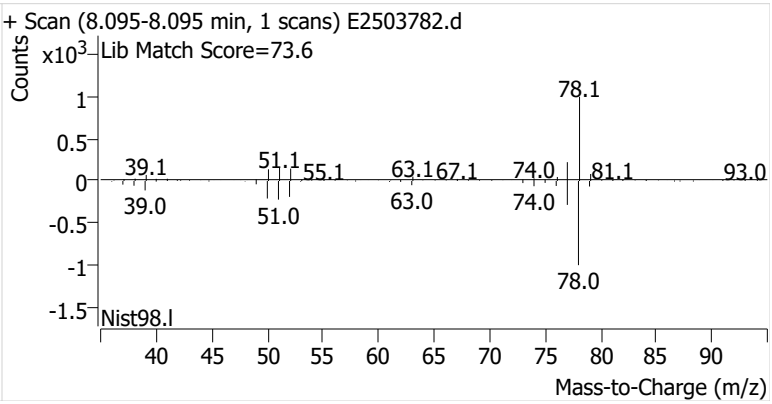
benzene-d6 (IS)



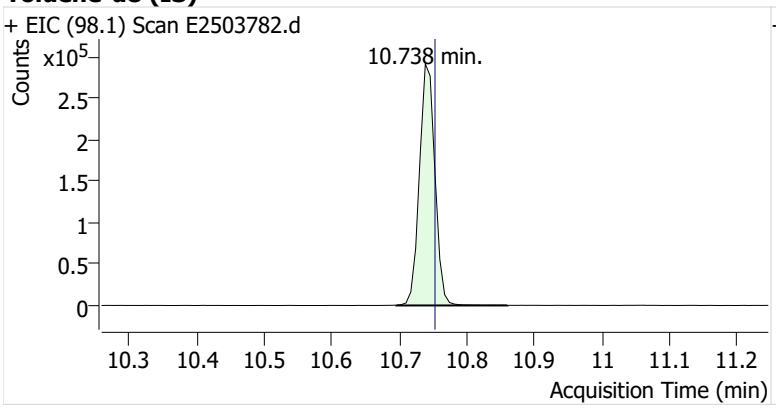


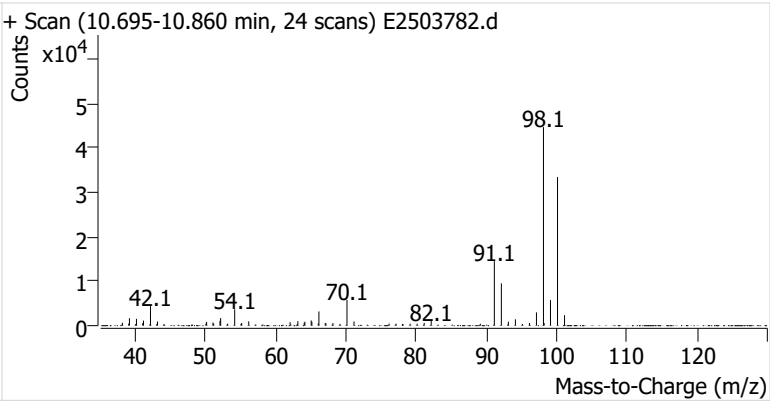
Benzene



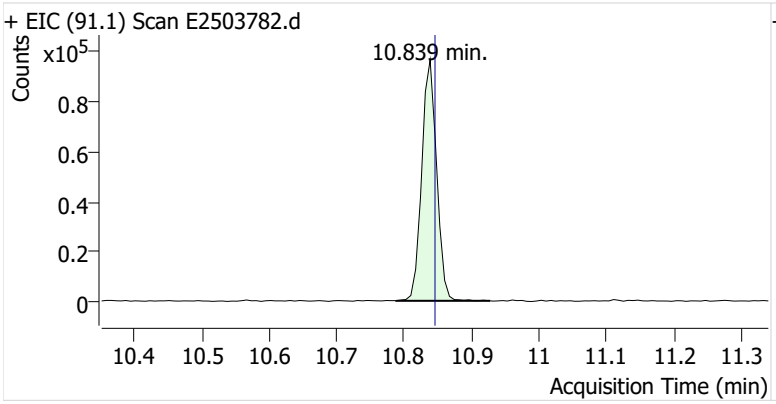


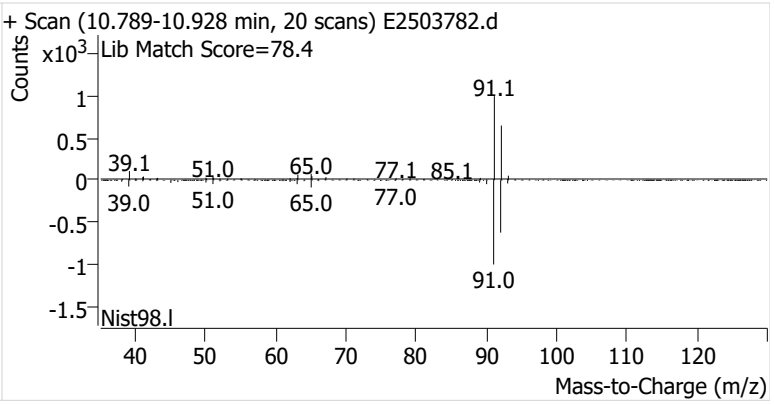
Toluene-d8 (IS)



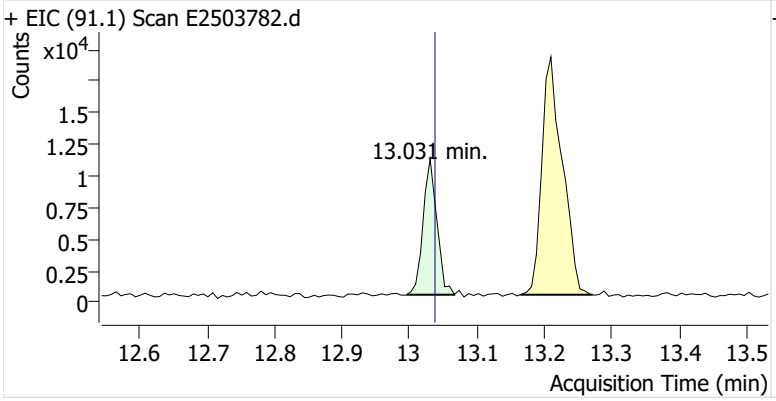


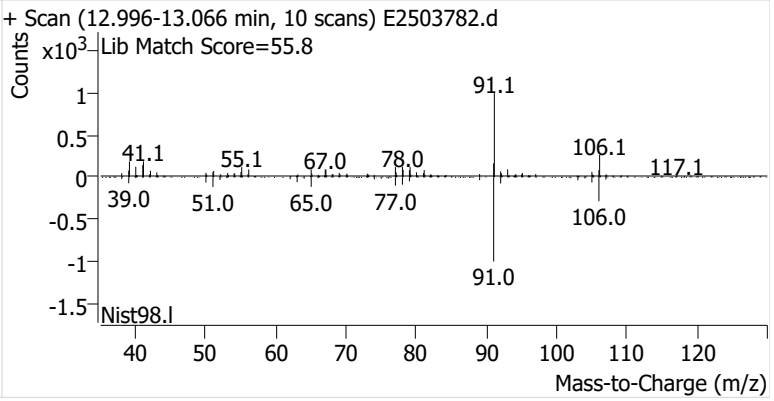
Toluene



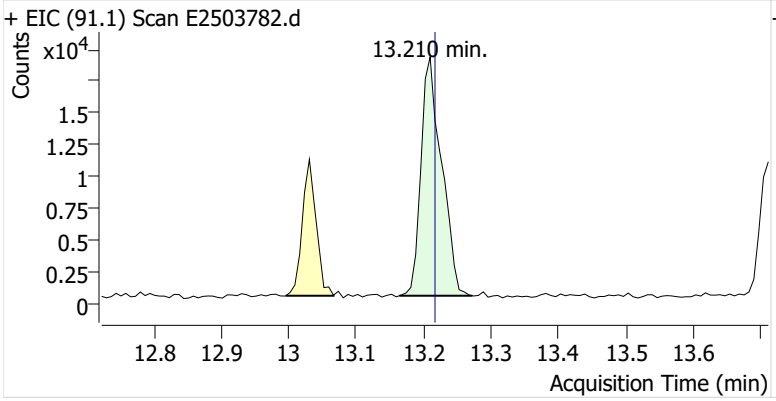


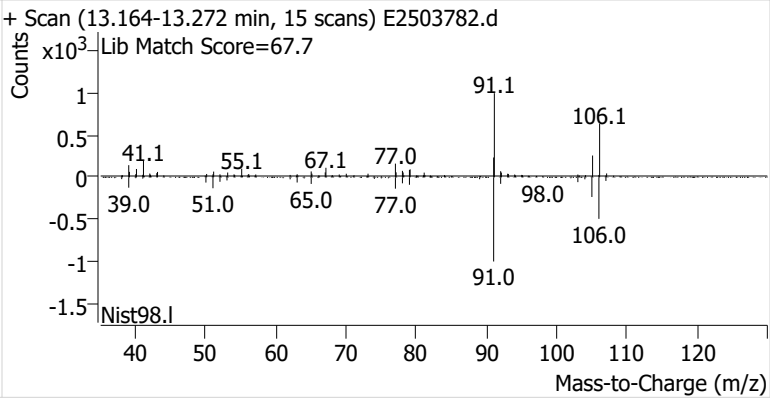
Ethylbenzene



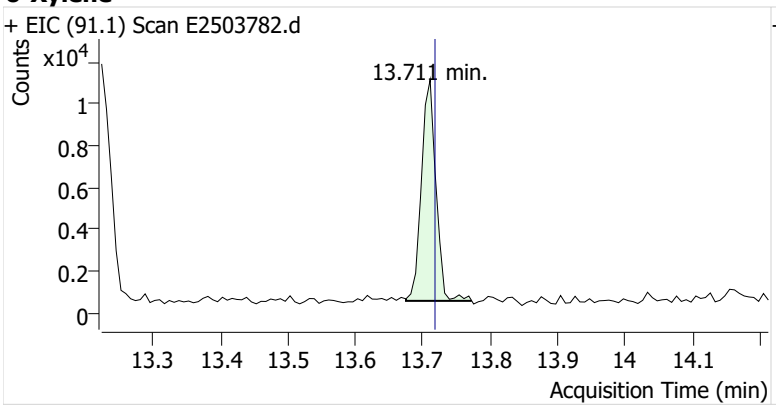


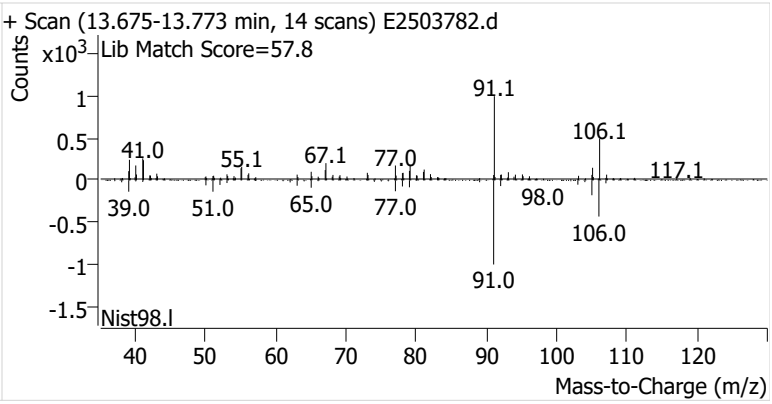
m-/p-Xylenes





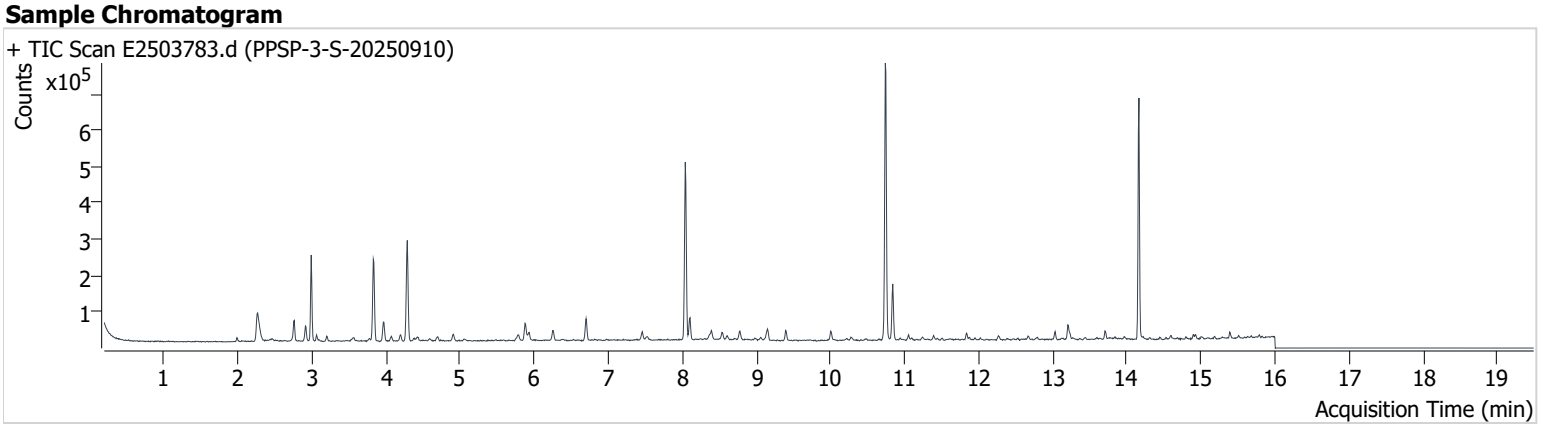
o-Xylene


+ EIC (91.1) Scan E2503782.d
Counts
x10^4
13.711 min.
1
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.675-13.773 min, 14 scans) E2503782.d
Counts
x10^3
Lib Match Score=57.8
91.1
106.1
41.0
55.1
67.1
77.0
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
1
0.5
0
-0.5
-1
-1.5
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

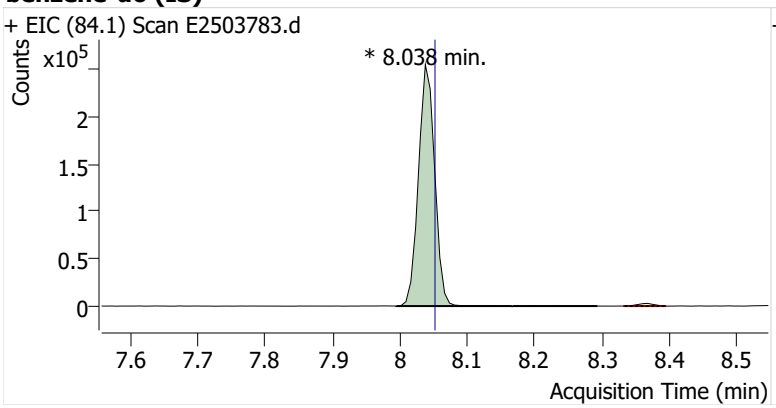
Name	PPSP-3-S-20250910
Comment	C37490
Data File	E2503783.d
Acq. Date-Time	9/28/2025 4:53:30 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

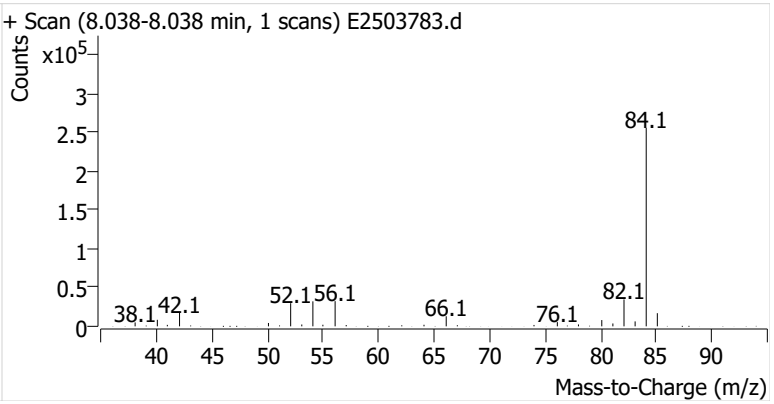
Sample Chromatogram



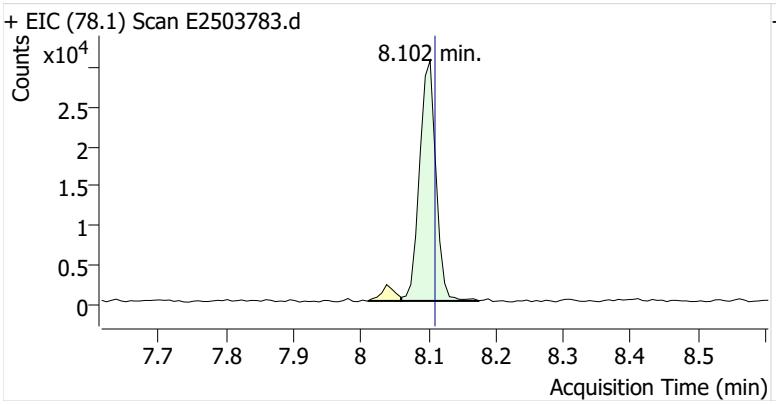
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	426,740	m
Benzene	benzene-d6 (IS)	8.102	8.110	51,821	
Toluene-d8 (IS)		10.738	10.753	458,801	
Toluene	Toluene-d8 (IS)	10.839	10.846	91,900	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	13,062	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	28,574	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	11,404	

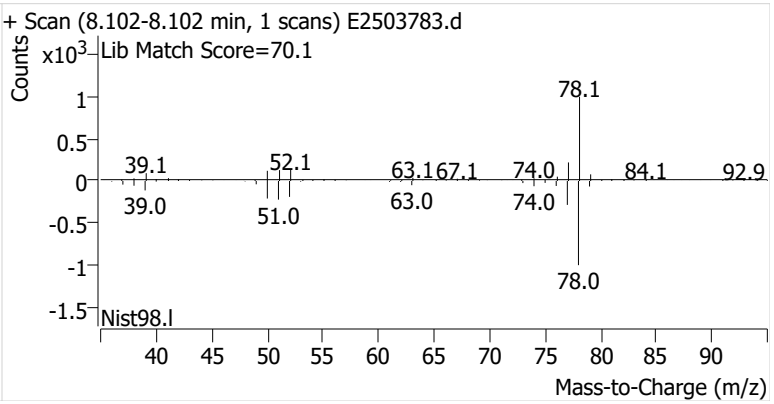
benzene-d6 (IS)



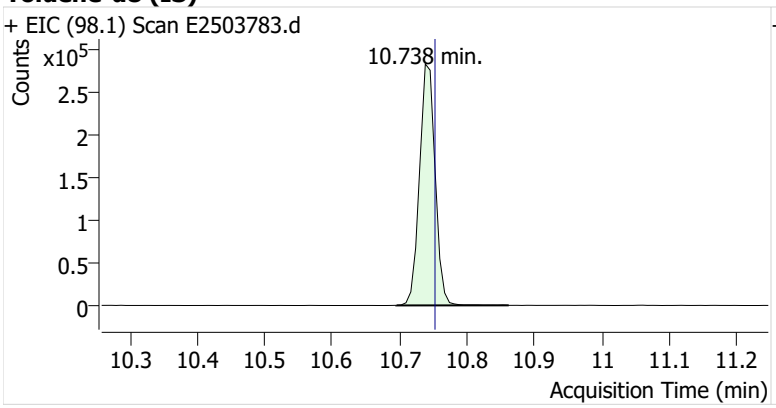


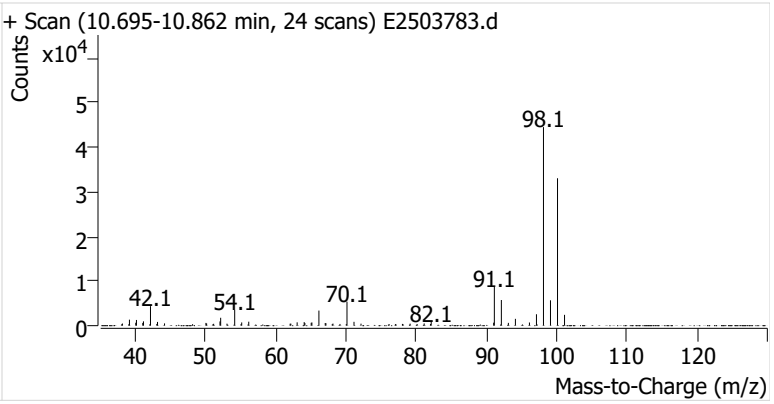
Benzene



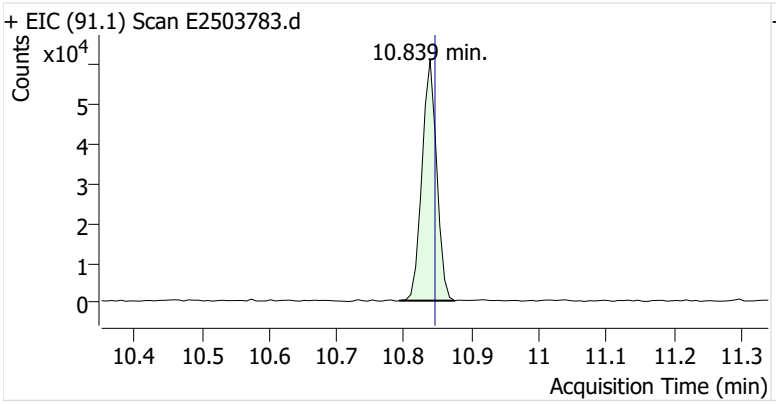


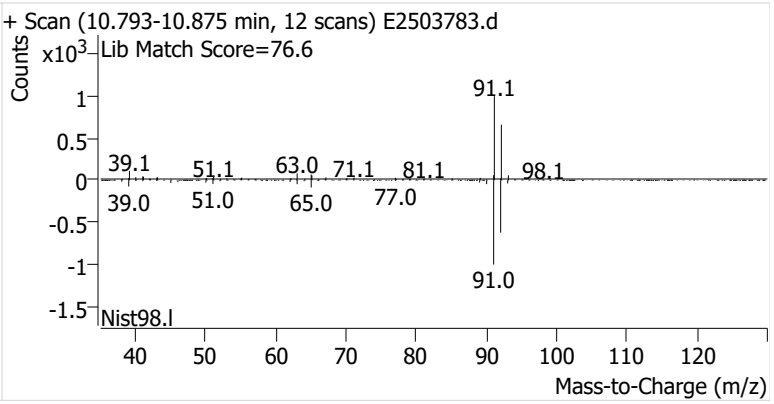
Toluene-d8 (IS)



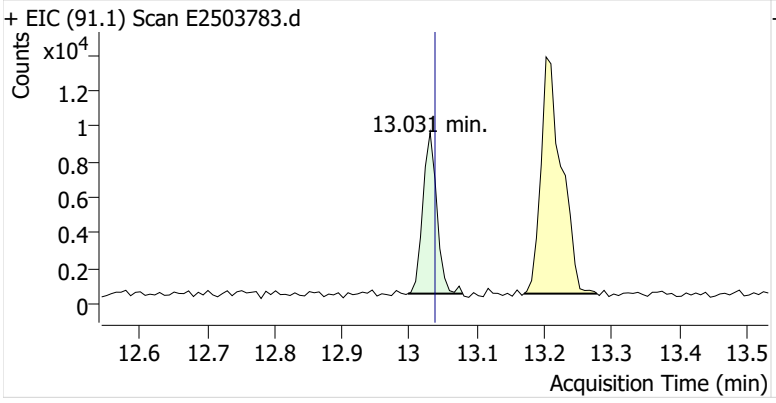


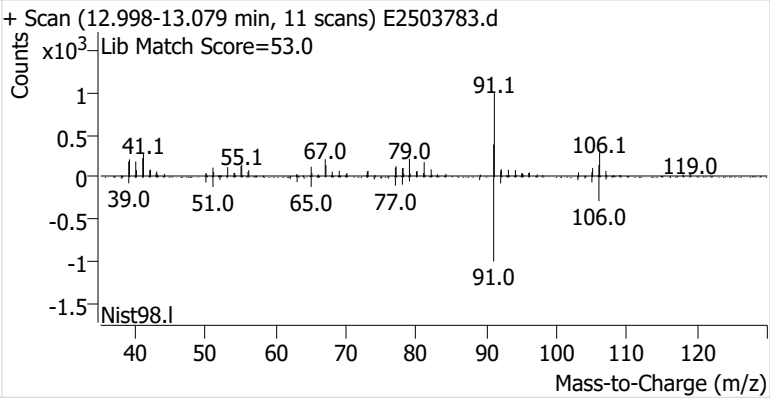
Toluene



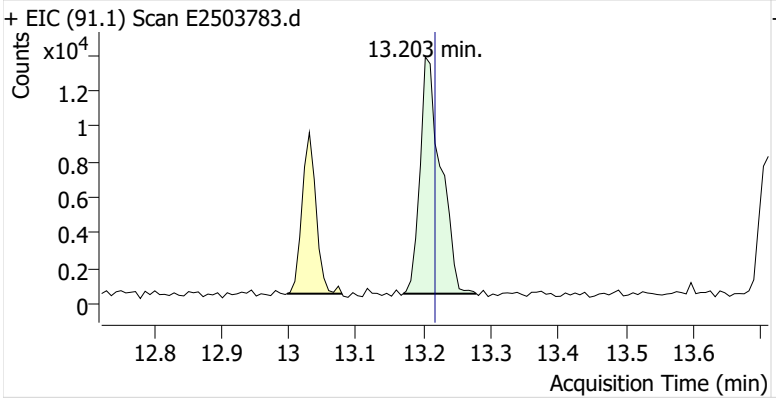


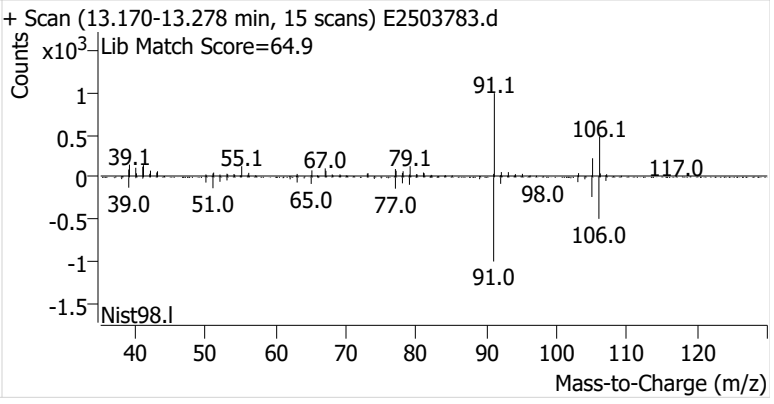
Ethylbenzene



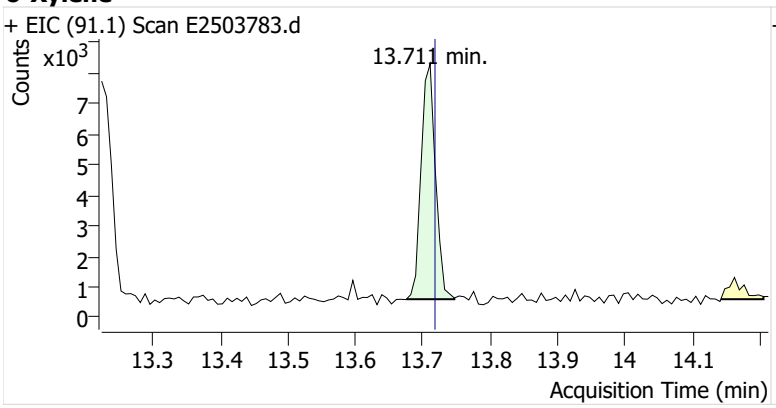


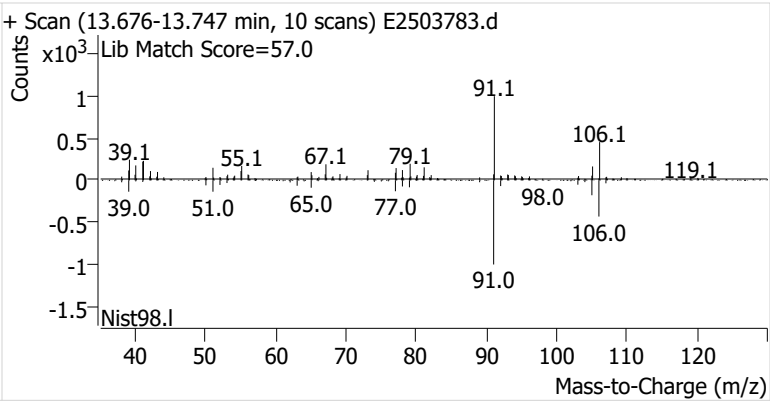
m-/p-Xylenes





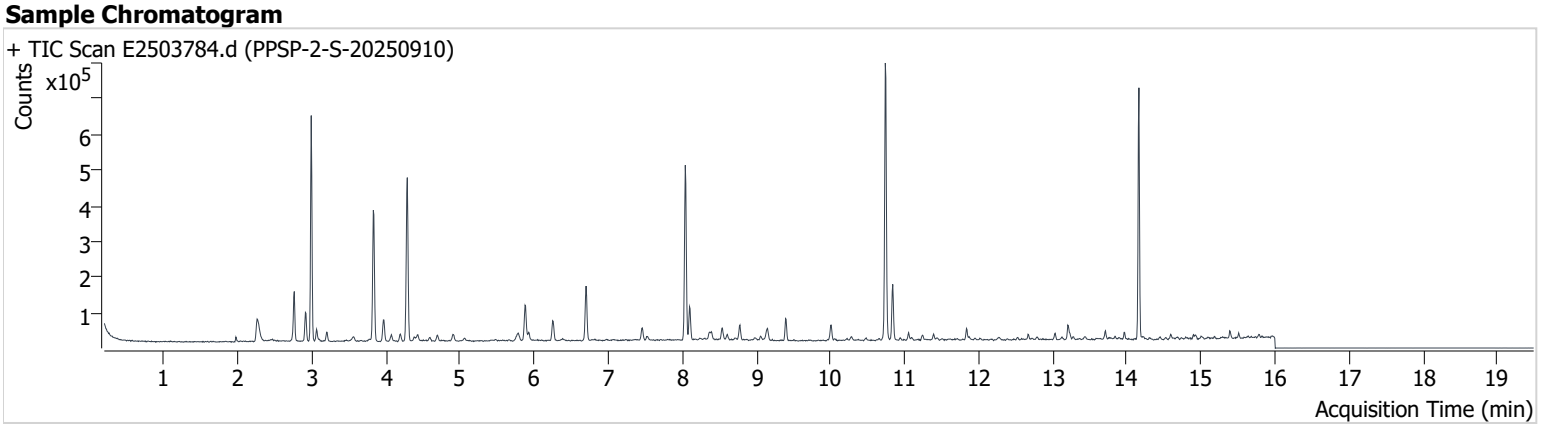
o-Xylene


+ EIC (91.1) Scan E2503783.d
Counts
x10^3
13.711 min.
Acquisition Time (min)


+ Scan (13.676-13.747 min, 10 scans) E2503783.d
Lib Match Score=57.0
Counts
x10^3
91.1
106.1
39.1
55.1
67.1
79.1
119.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
Mass-to-Charge (m/z)

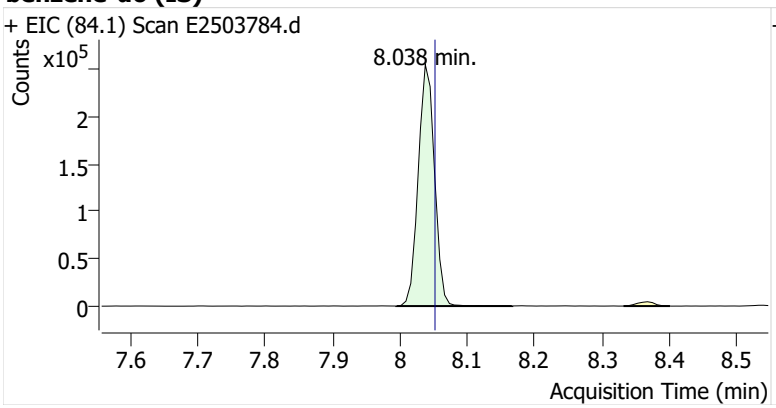
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Comment	C57518
Data File	E2503784.d
Acq. Date-Time	9/28/2025 5:19:15 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

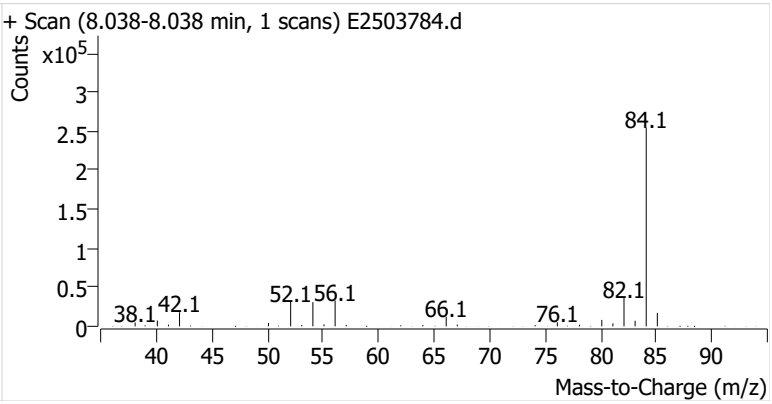
Sample Chromatogram



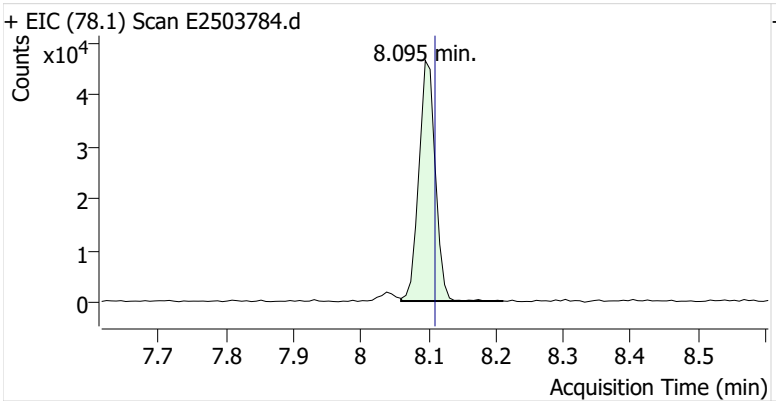
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	426,120	
Benzene	benzene-d6 (IS)	8.095	8.110	78,390	
Toluene-d8 (IS)		10.738	10.753	461,386	
Toluene	Toluene-d8 (IS)	10.839	10.846	95,244	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	10,602	
m-/p-Xylenes	Toluene-d8 (IS)	13.202	13.217	29,138	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	11,582	

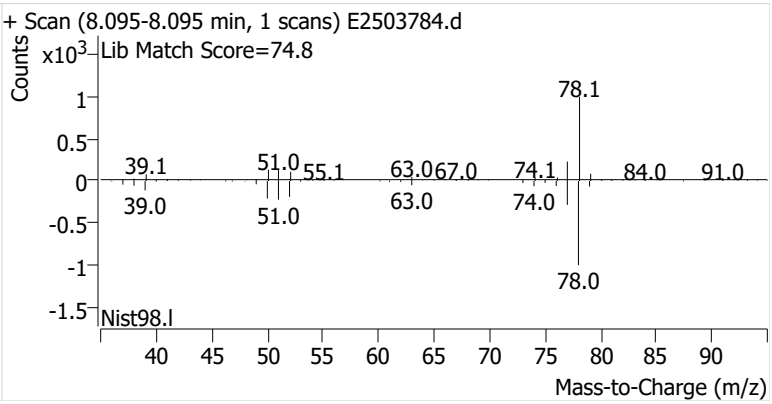
benzene-d6 (IS)



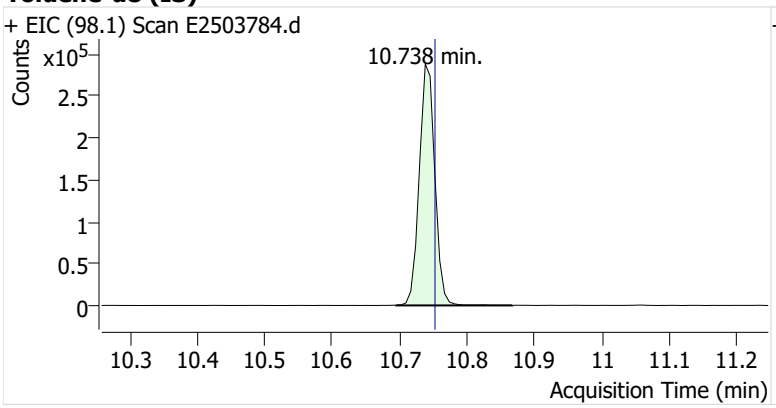


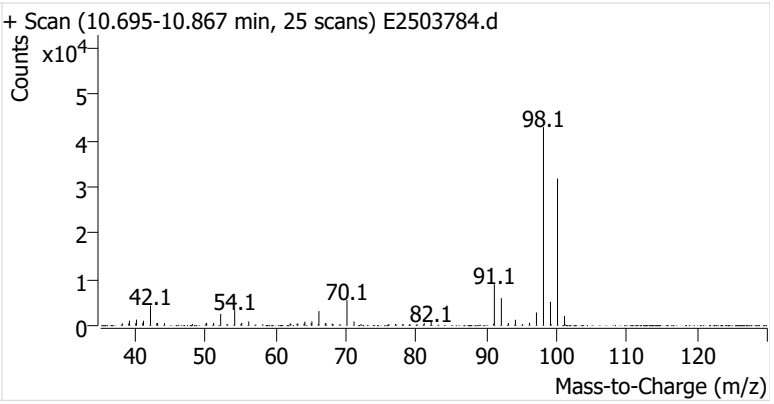
Benzene



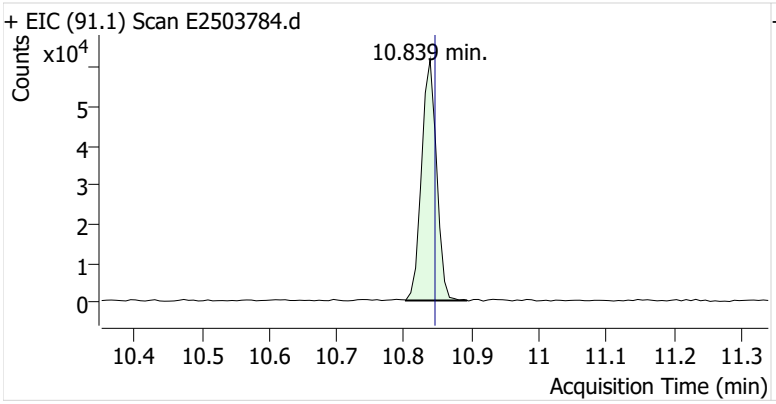


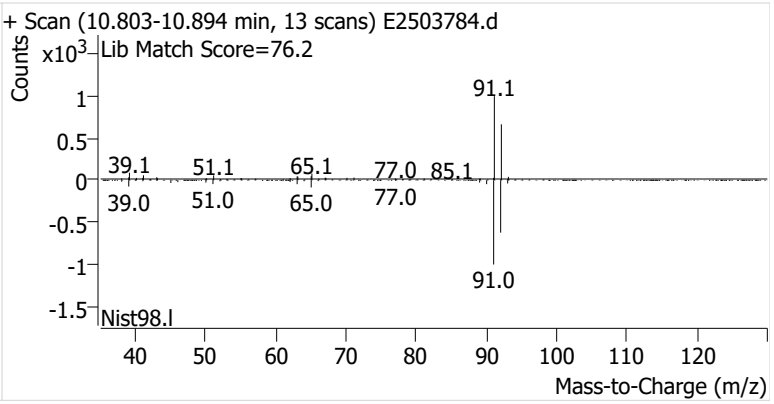
Toluene-d8 (IS)



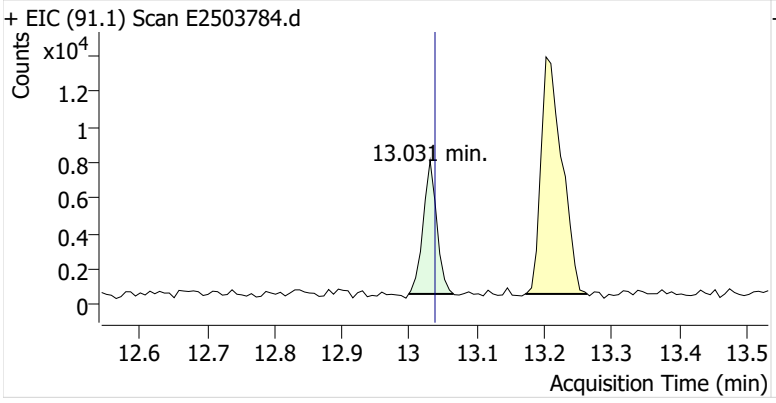


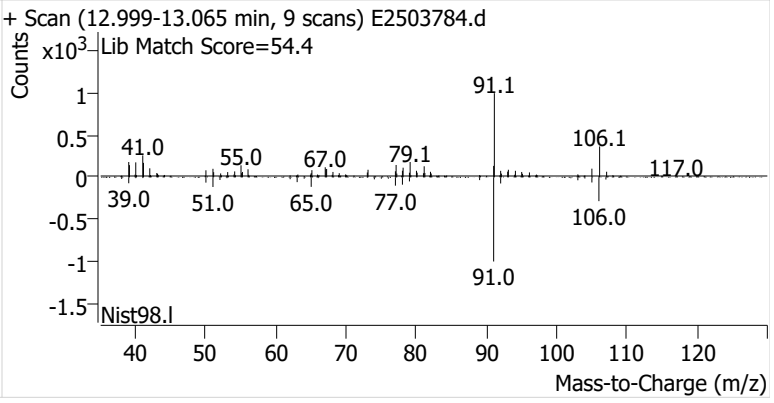
Toluene



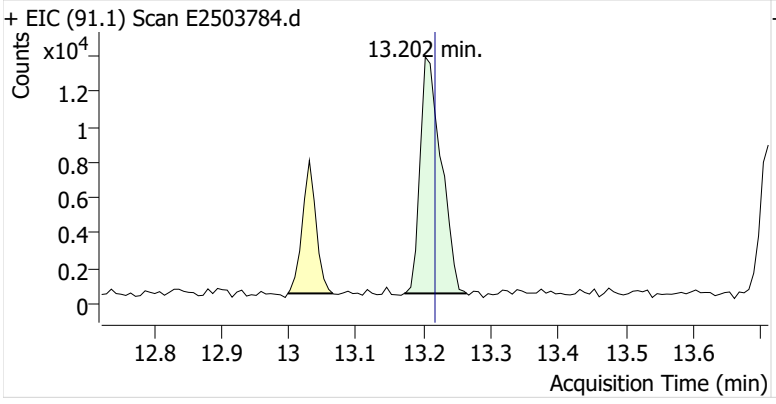


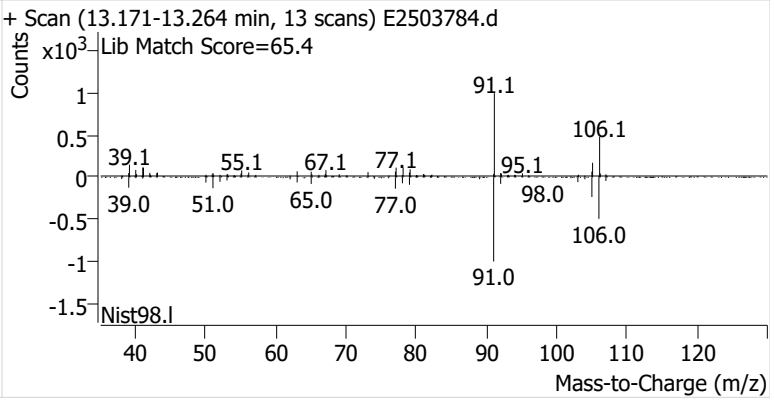
Ethylbenzene



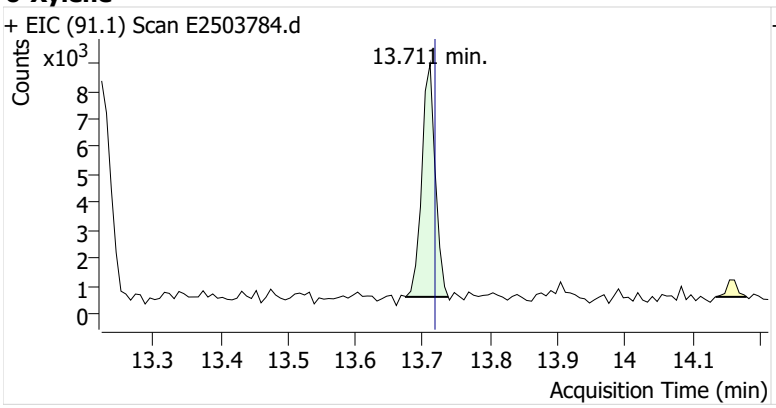


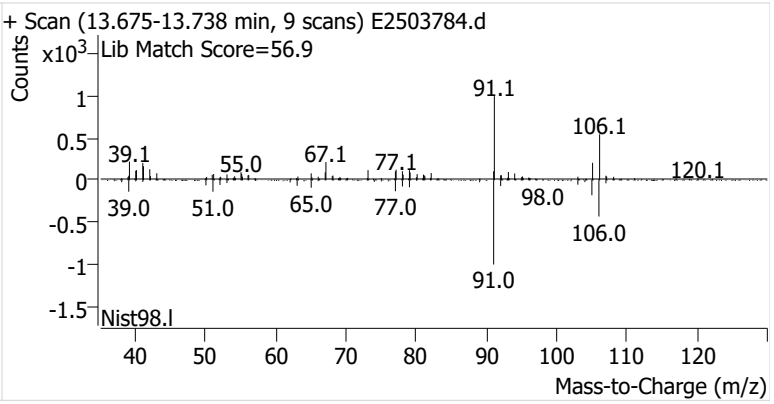
m-/p-Xylenes





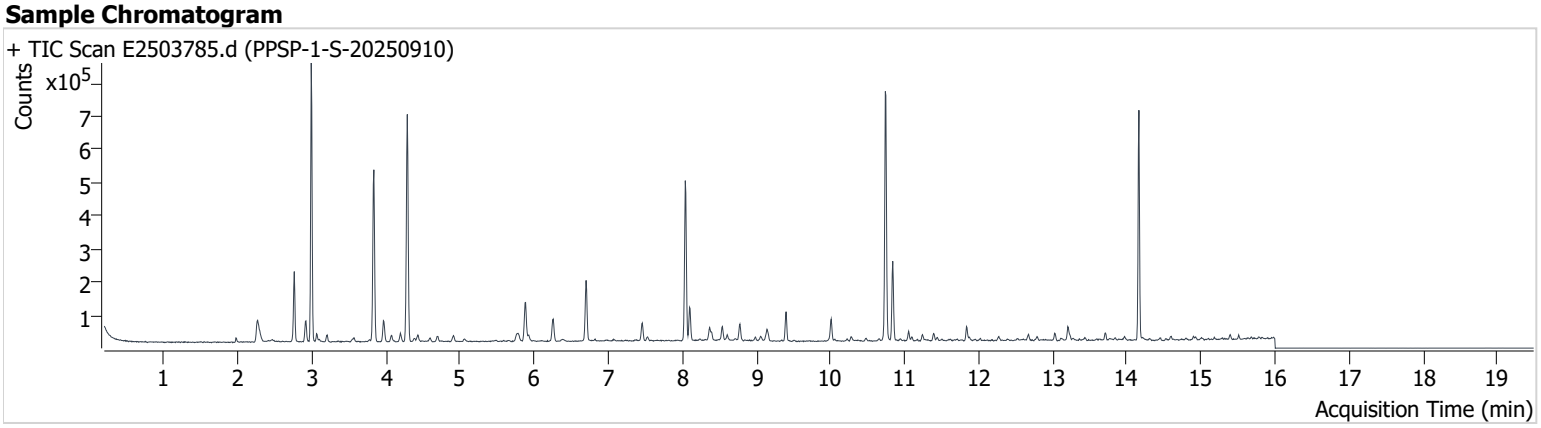
o-Xylene


+ EIC (91.1) Scan E2503784.d
Counts
x10^3
13.711 min.
Acquisition Time (min)


+ Scan (13.675-13.738 min, 9 scans) E2503784.d
Counts
x10^3
Lib Match Score=56.9
Nist98.l
Mass-to-Charge (m/z)

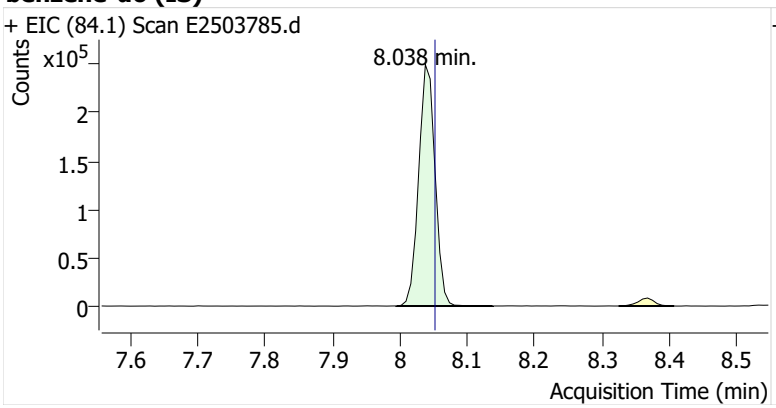
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Comment	C43374
Data File	E2503785.d
Acq. Date-Time	9/28/2025 5:44:59 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

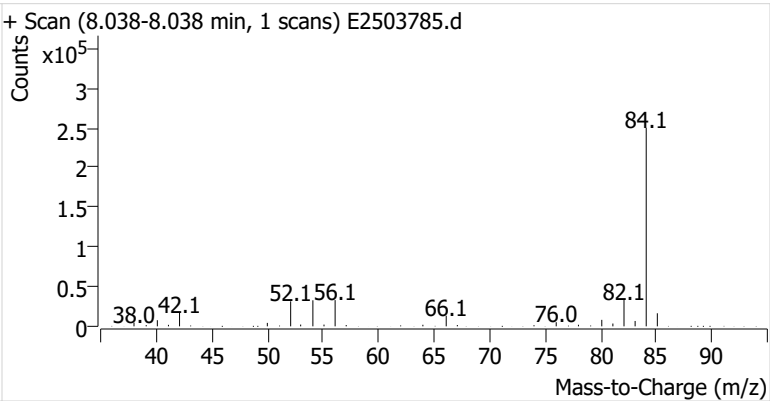
Sample Chromatogram



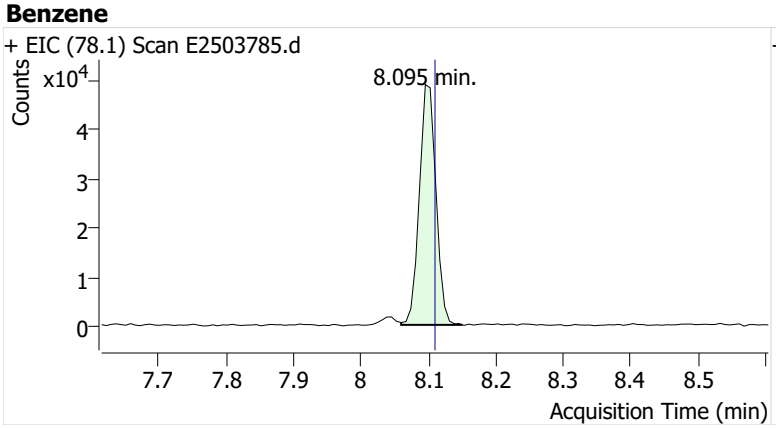
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	422,377	
Benzene	benzene-d6 (IS)	8.095	8.110	83,507	
Toluene-d8 (IS)		10.738	10.753	460,135	
Toluene	Toluene-d8 (IS)	10.839	10.846	149,316	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	13,445	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	27,546	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	11,276	

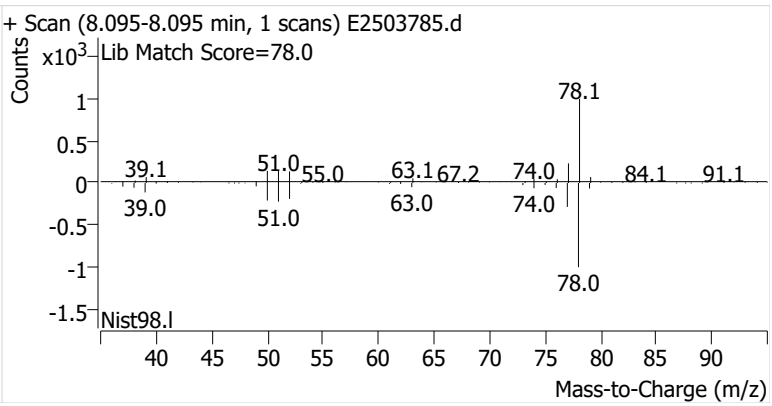
benzene-d6 (IS)



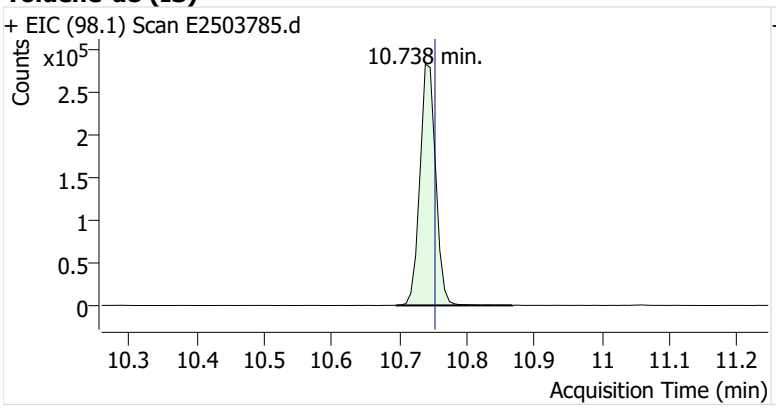


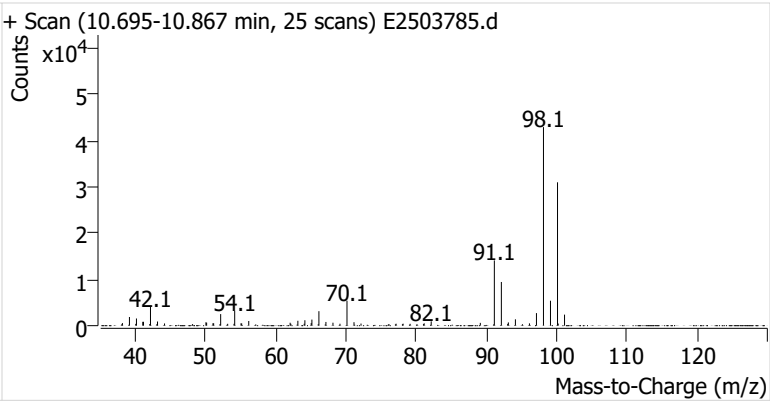
Benzene



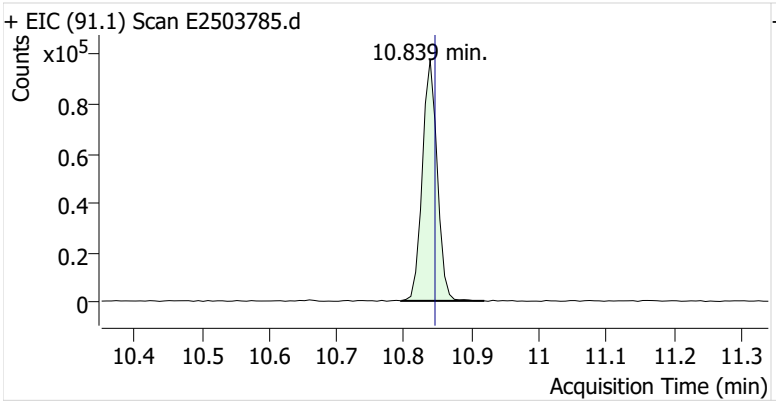


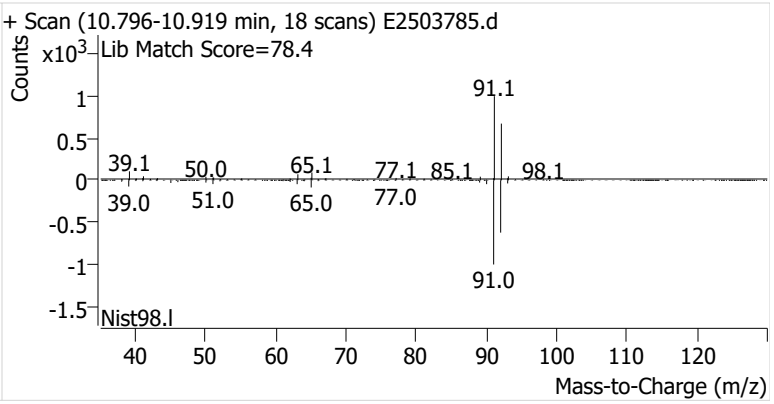
Toluene-d8 (IS)



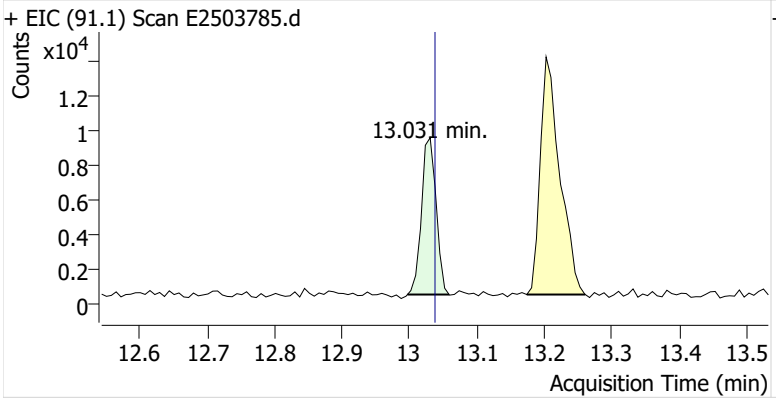


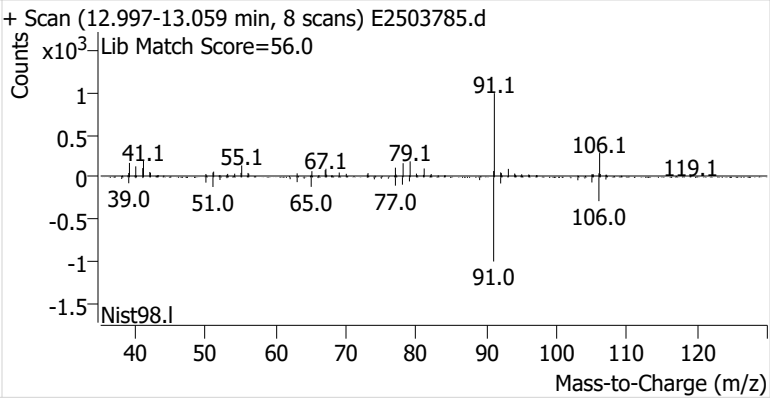
Toluene



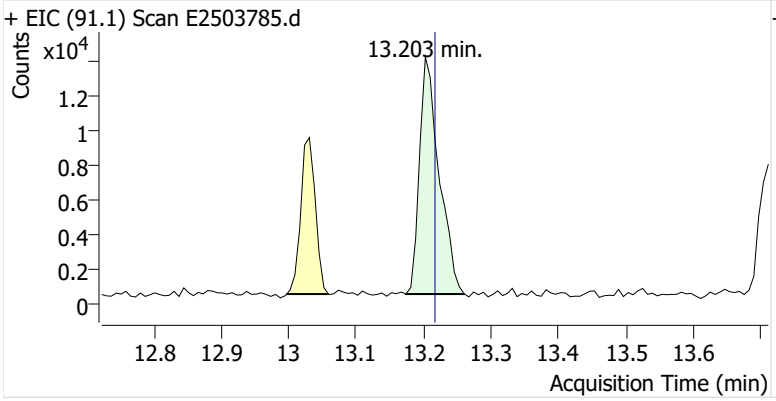


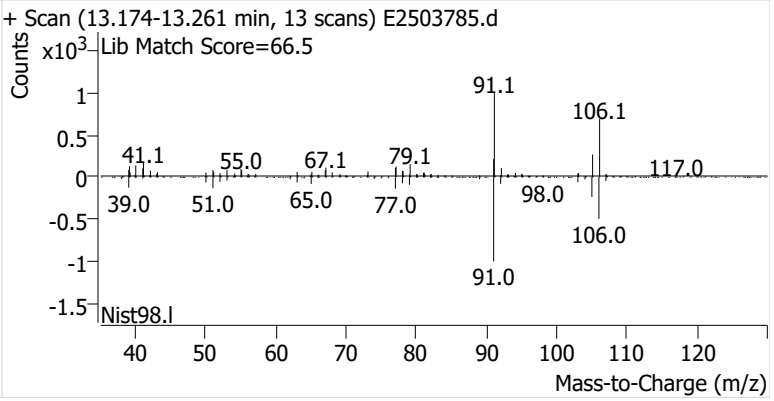
Ethylbenzene



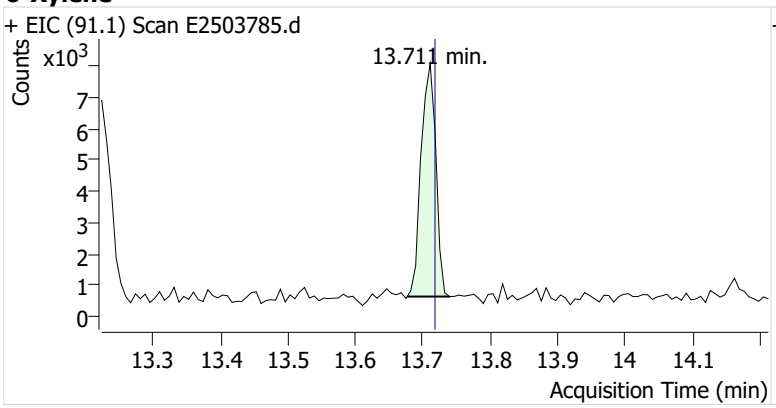


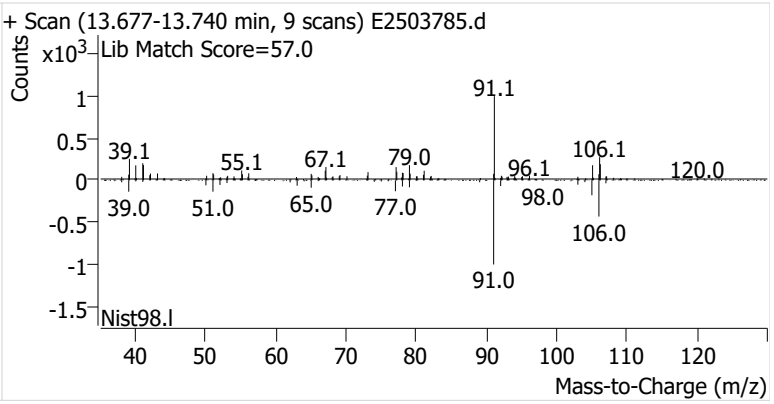
m-/p-Xylenes





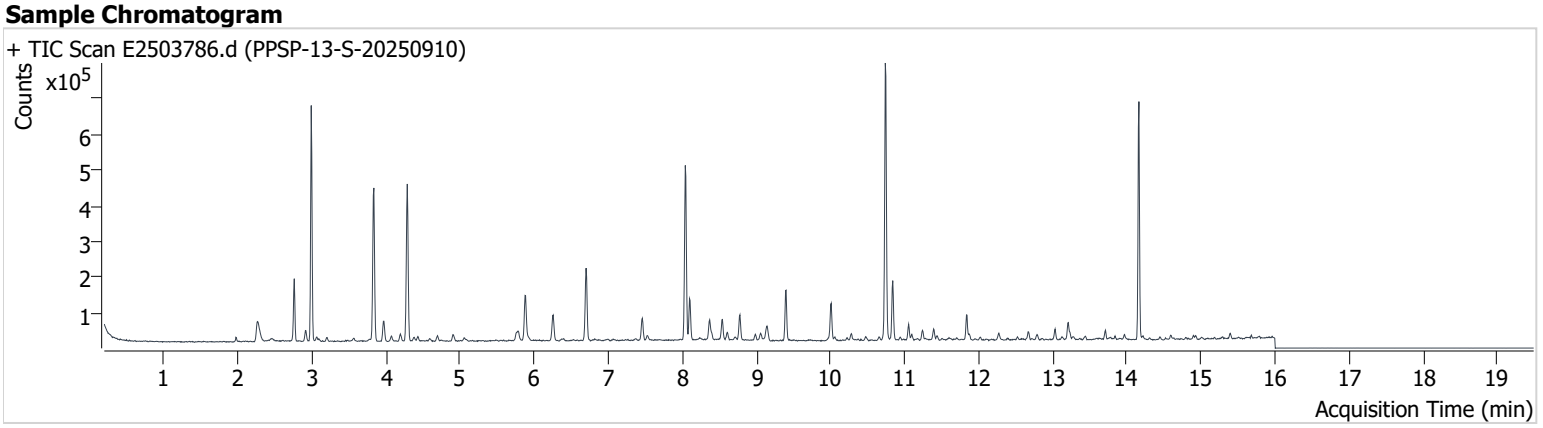
o-Xylene


+ EIC (91.1) Scan E2503785.d
Counts
x10^3
13.711 min.
Acquisition Time (min)


+ Scan (13.677-13.740 min, 9 scans) E2503785.d
Lib Match Score=57.0
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

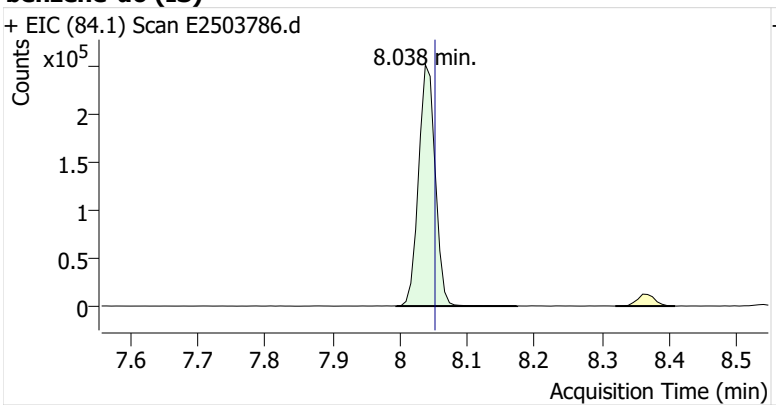
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Comment	C01325
Data File	E2503786.d
Acq. Date-Time	9/28/2025 6:11:35 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

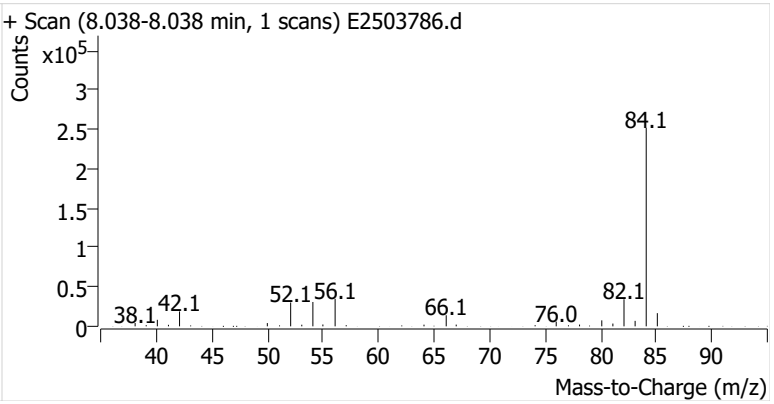
Sample Chromatogram



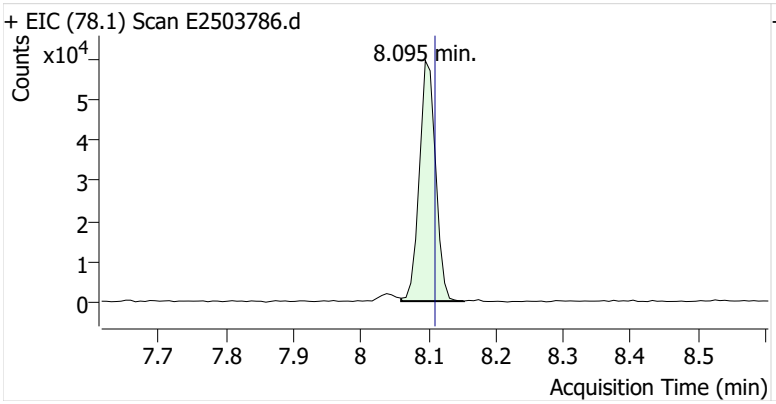
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	432,054	
Benzene	benzene-d6 (IS)	8.095	8.110	99,049	
Toluene-d8 (IS)		10.738	10.753	463,684	
Toluene	Toluene-d8 (IS)	10.839	10.846	102,155	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	16,980	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	33,537	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	12,359	

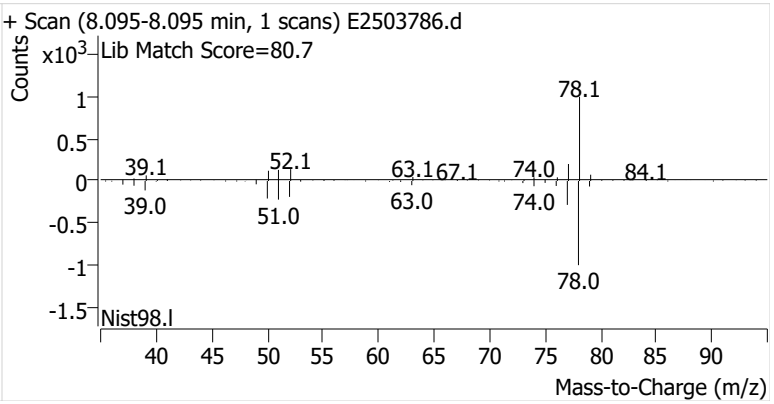
benzene-d6 (IS)



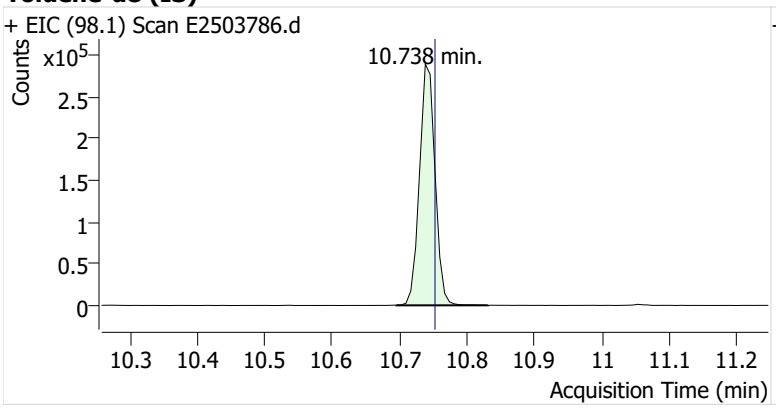


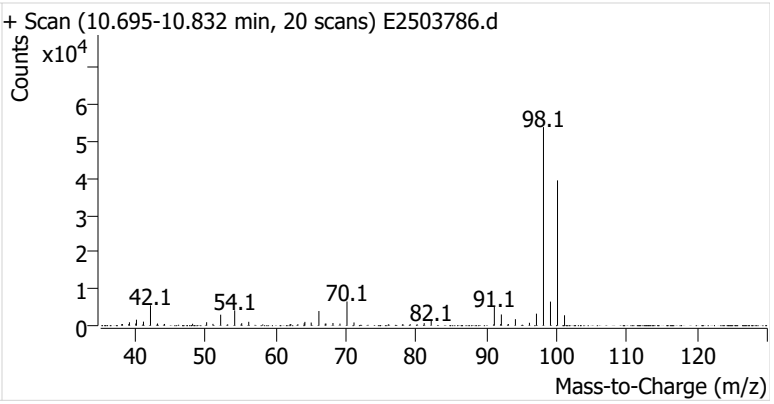
Benzene



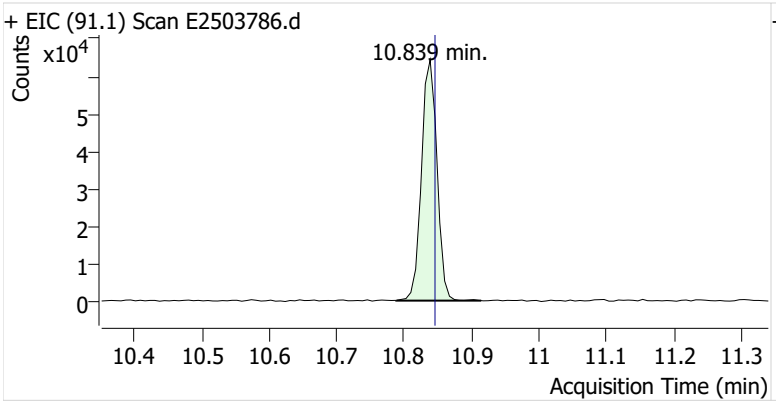


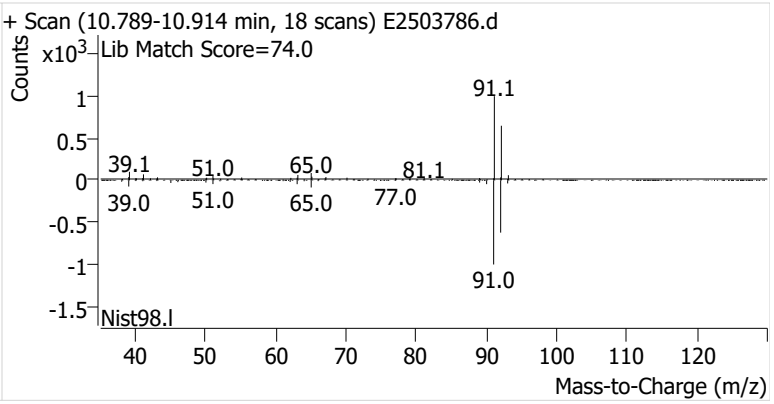
Toluene-d8 (IS)



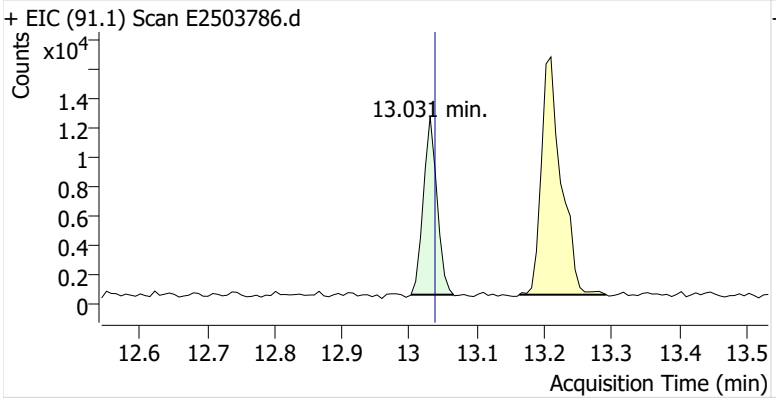


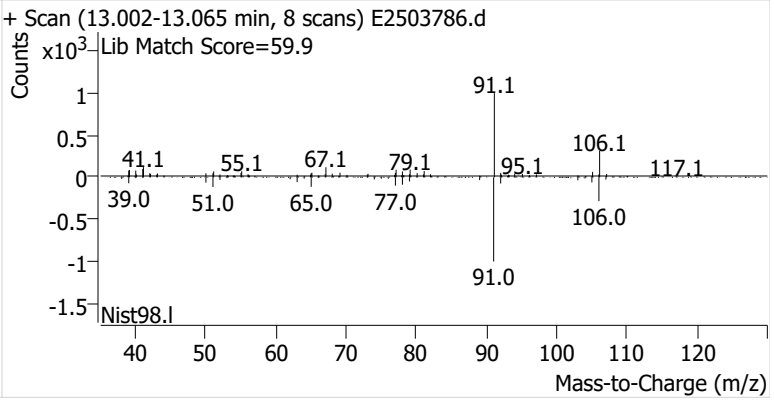
Toluene



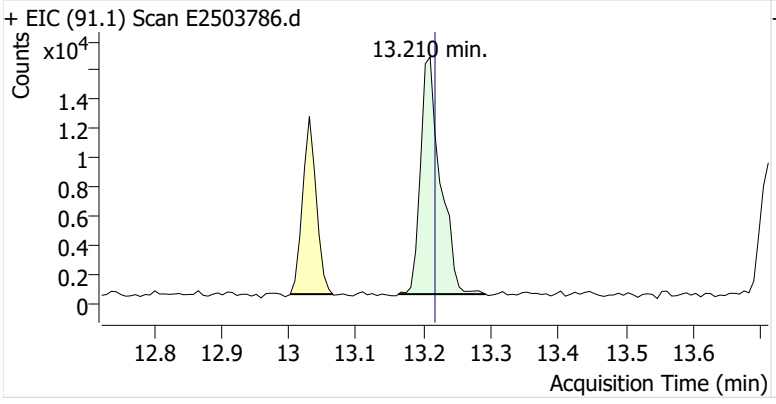


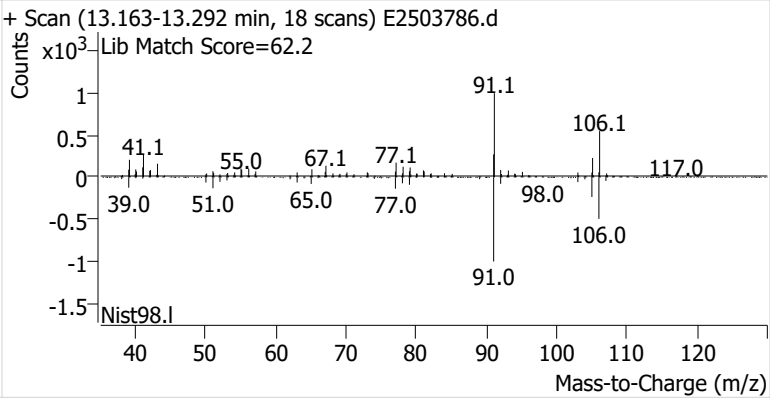
Ethylbenzene



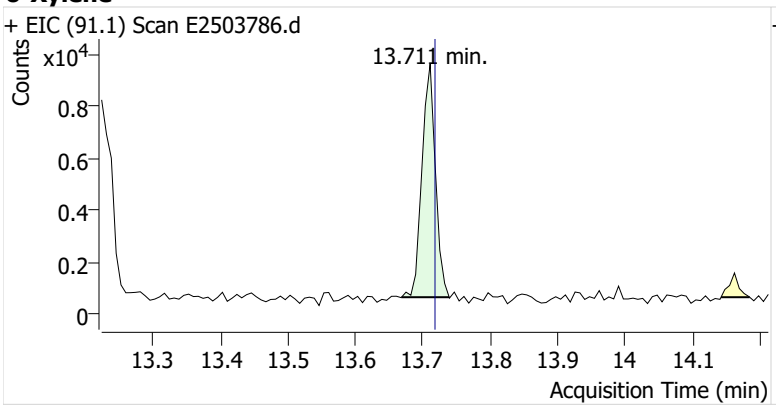


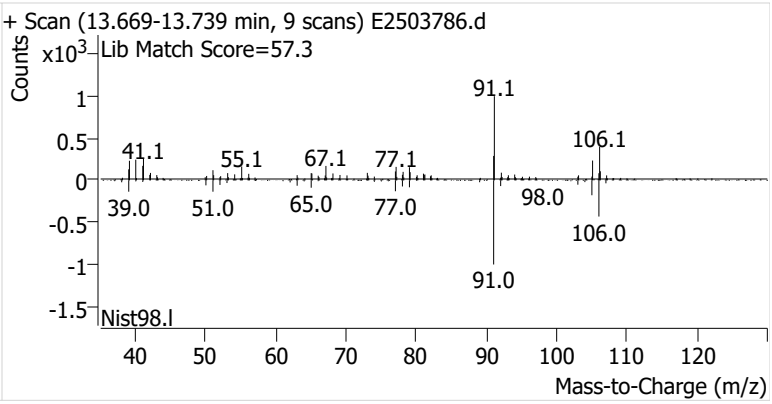
m-/p-Xylenes





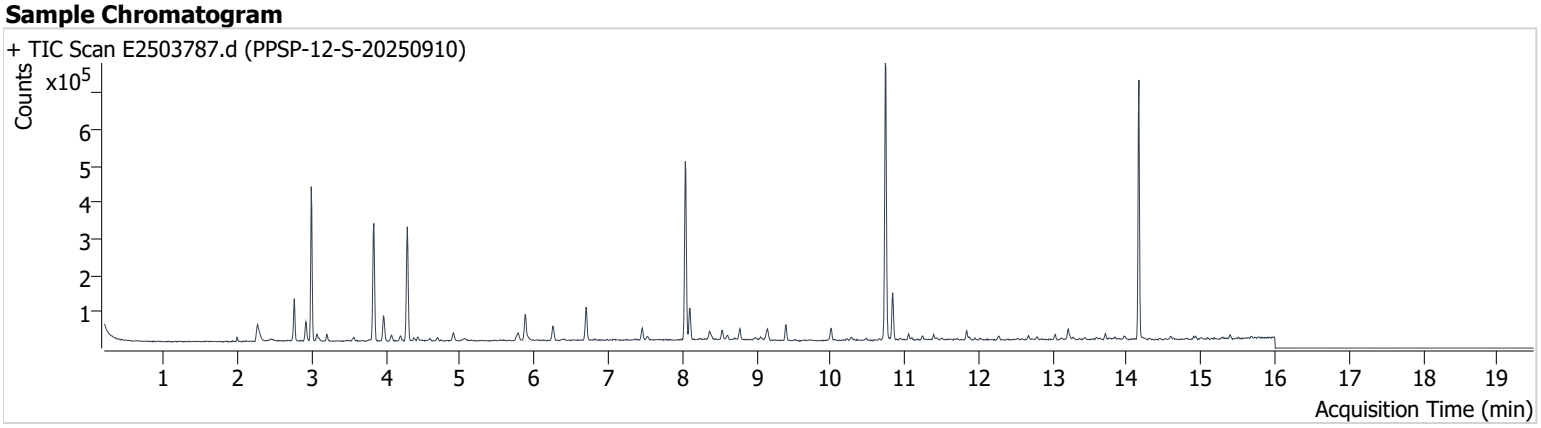
o-Xylene


+ EIC (91.1) Scan E2503786.d
Counts
x10^4
13.711 min.
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.669-13.739 min, 9 scans) E2503786.d
Counts
x10^3
Lib Match Score=57.3
91.1
106.1
41.1
55.1
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

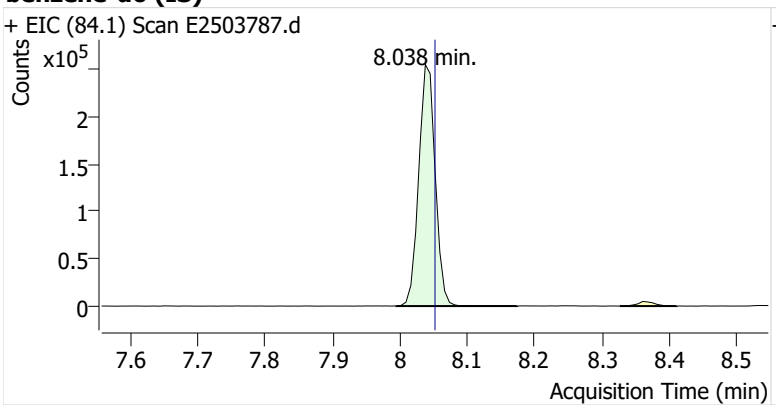
Name	PPSP-12-S-20250910
Comment	B48043
Data File	E2503787.d
Acq. Date-Time	9/28/2025 6:37:12 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

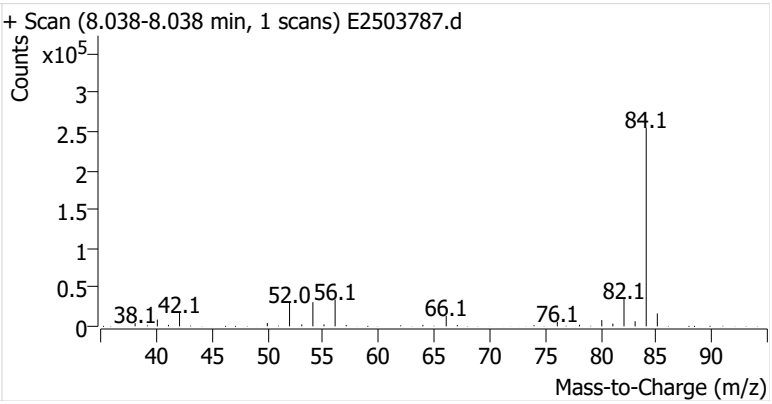
Sample Chromatogram



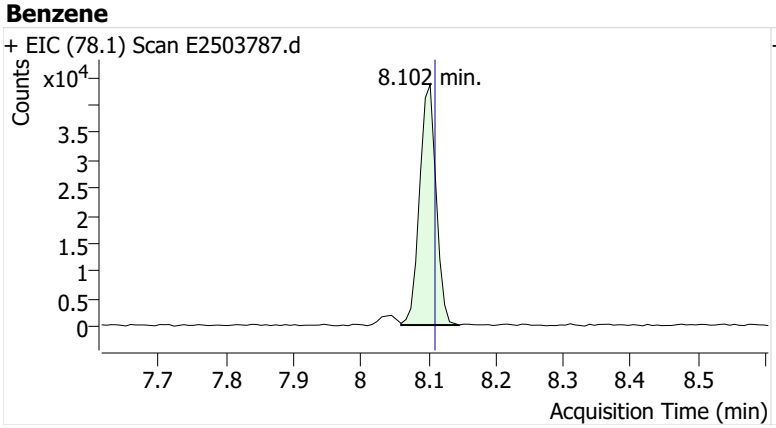
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	433,142	
Benzene	benzene-d6 (IS)	8.102	8.110	73,628	
Toluene-d8 (IS)		10.738	10.753	462,480	
Toluene	Toluene-d8 (IS)	10.839	10.846	81,270	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	7,736	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	18,660	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	7,772	

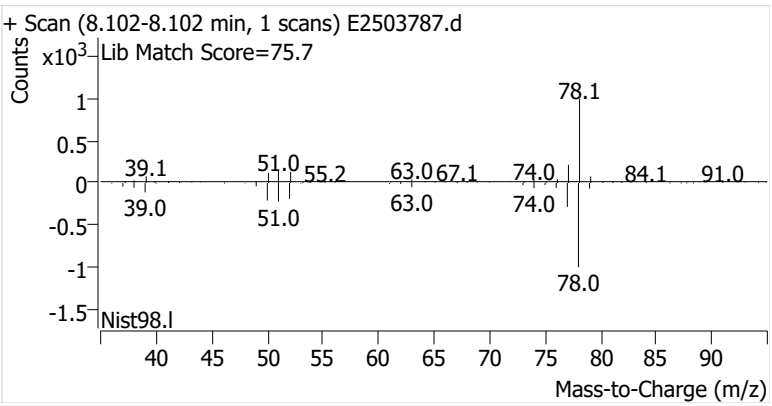
benzene-d6 (IS)



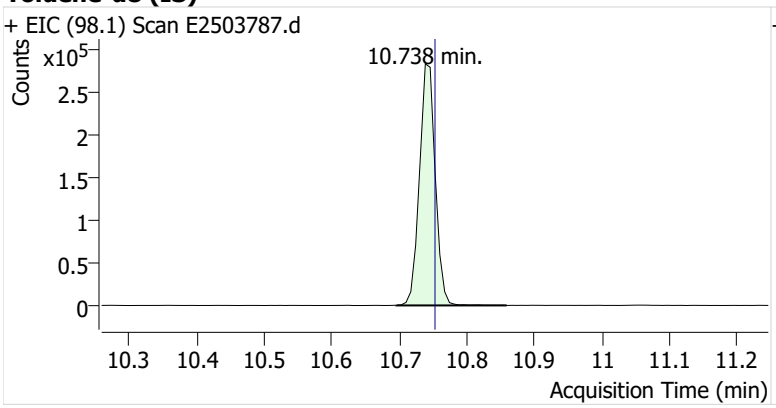


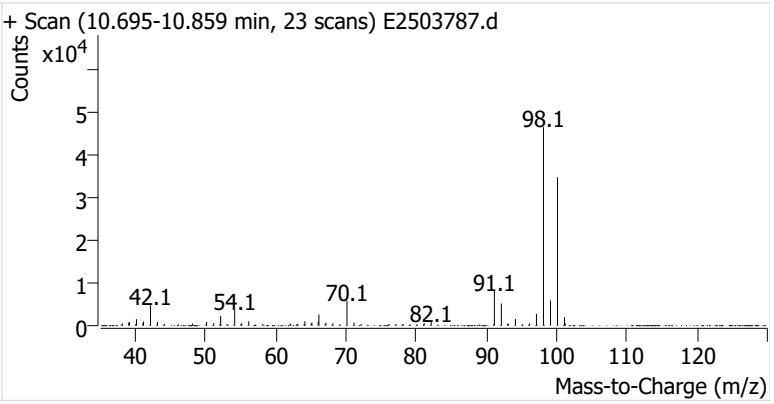
Benzene



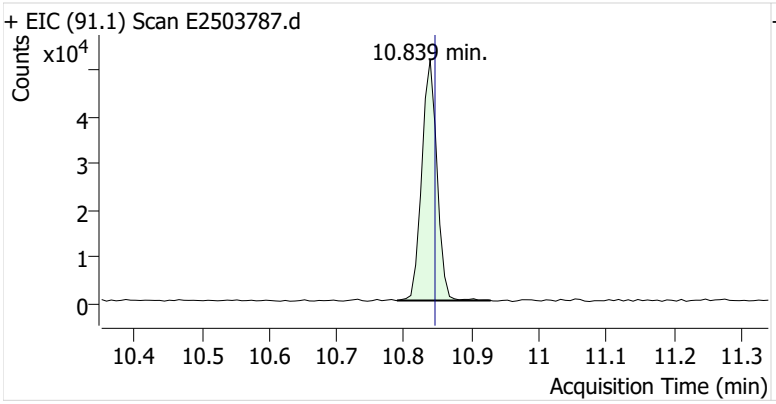


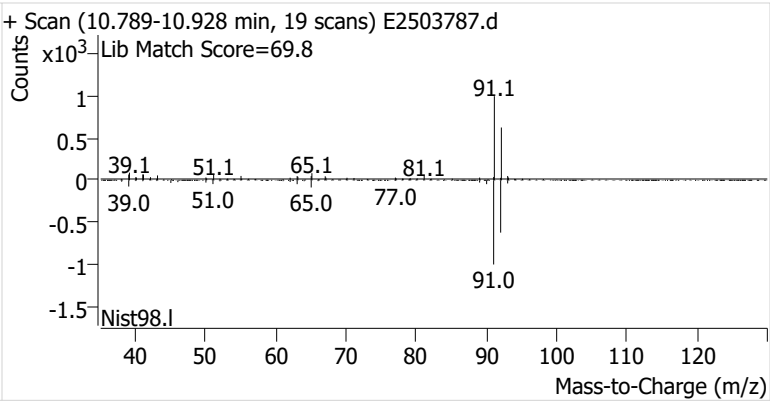
Toluene-d8 (IS)



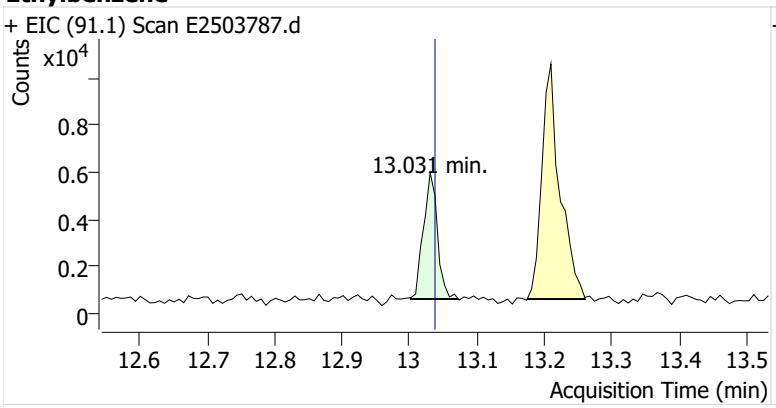


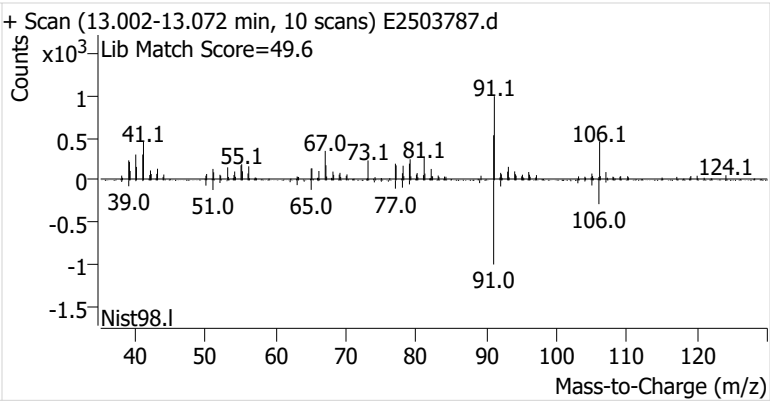
Toluene



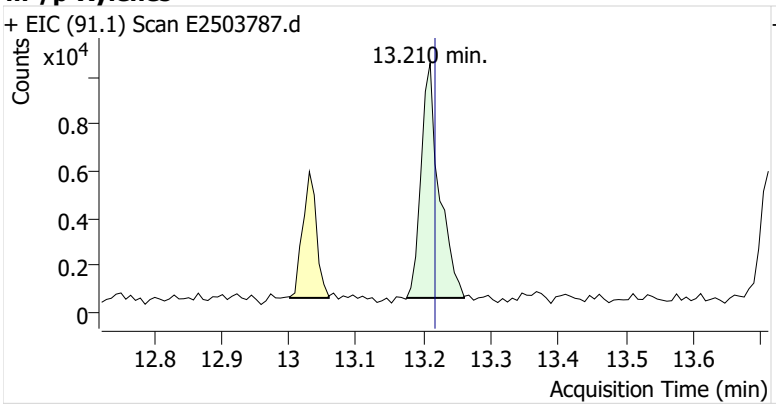


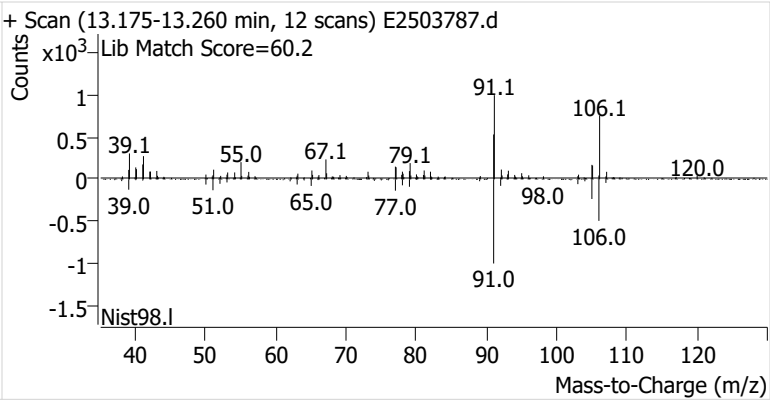
Ethylbenzene



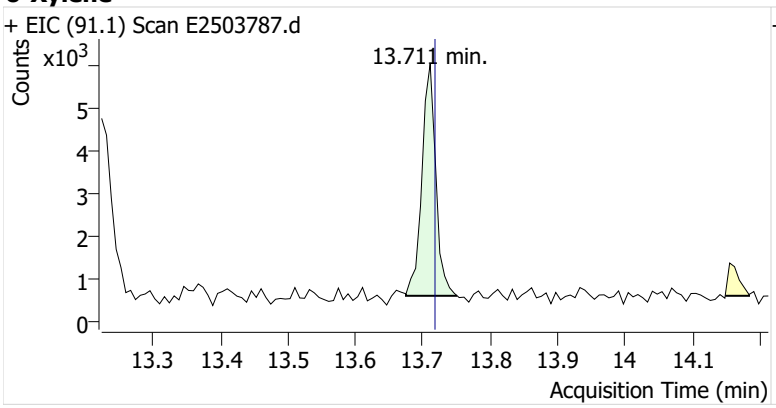


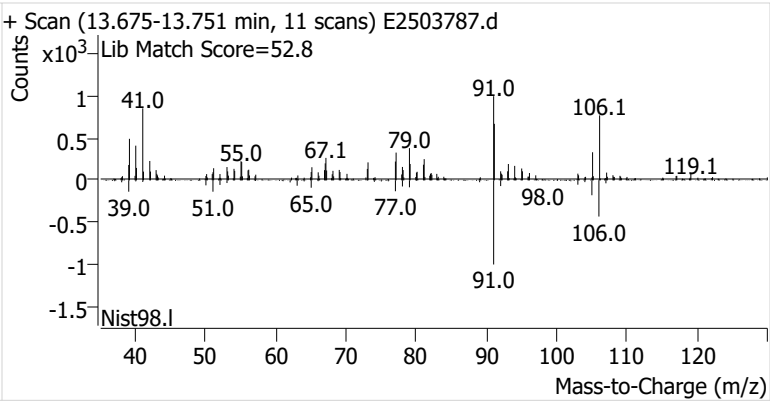
m-/p-Xylenes





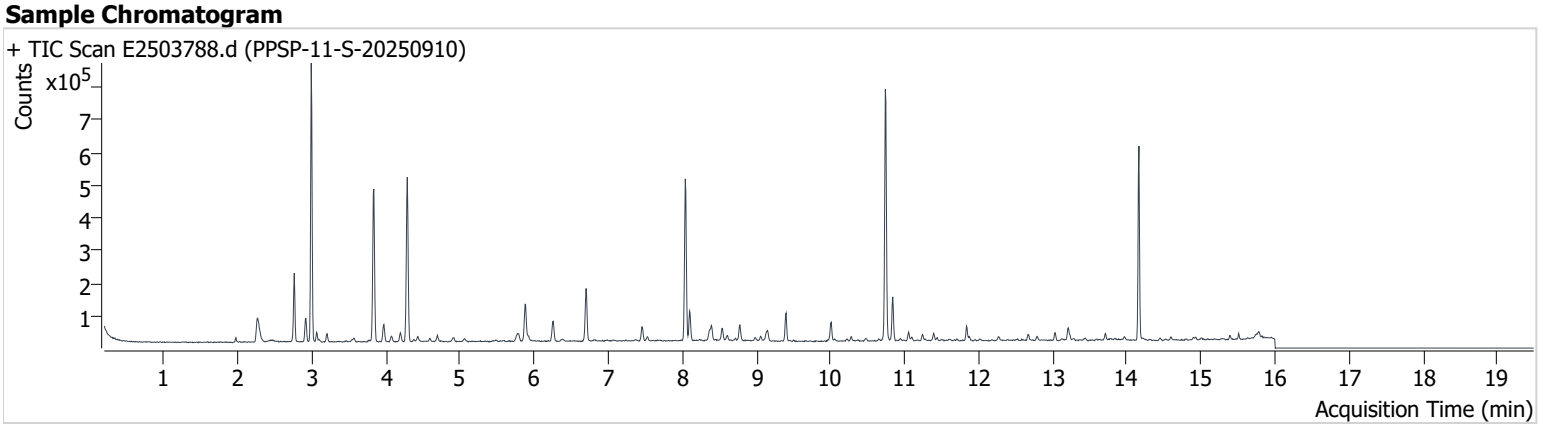
o-Xylene


+ EIC (91.1) Scan E2503787.d
Counts
x10^3
13.711 min.
Acquisition Time (min)


+ Scan (13.675-13.751 min, 11 scans) E2503787.d
Lib Match Score=52.8
Counts
x10^3
Nist98.l
Mass-to-Charge (m/z)

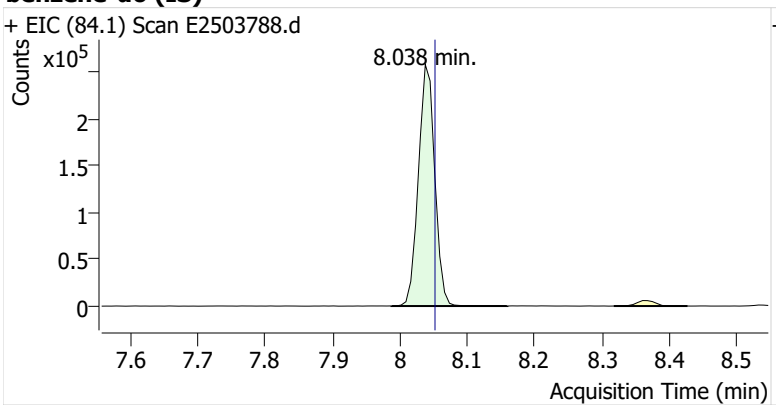
Name	PPSP-11-S-20250910
Comment	C35757
Data File	E2503788.d
Acq. Date-Time	9/28/2025 7:02:52 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

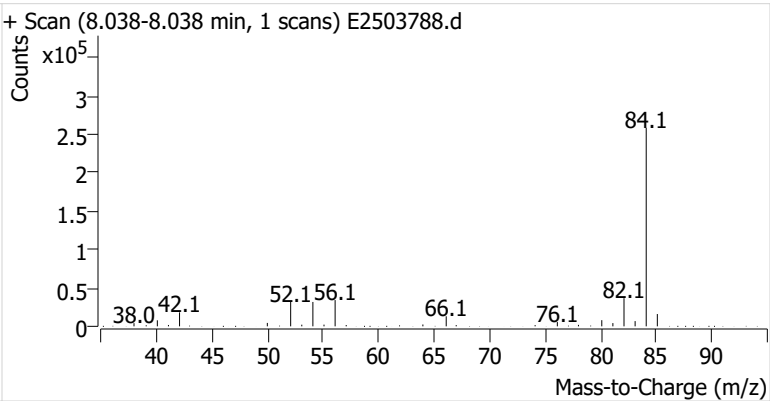
Sample Chromatogram



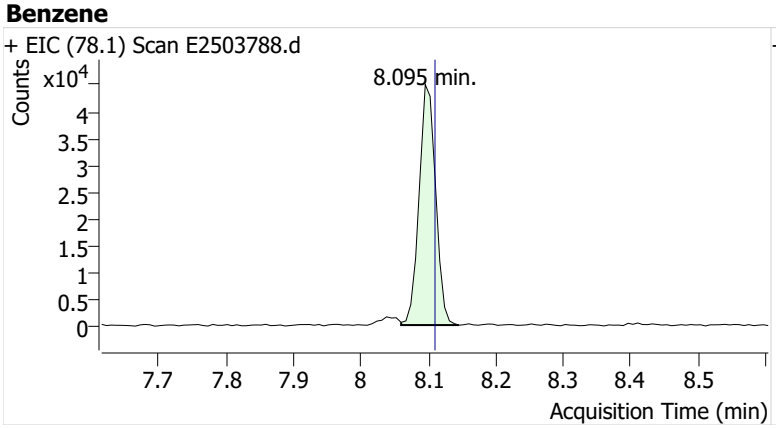
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	435,684	
Benzene	benzene-d6 (IS)	8.095	8.110	76,163	
Toluene-d8 (IS)		10.738	10.753	464,914	
Toluene	Toluene-d8 (IS)	10.839	10.846	80,736	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	14,461	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	26,279	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	9,844	

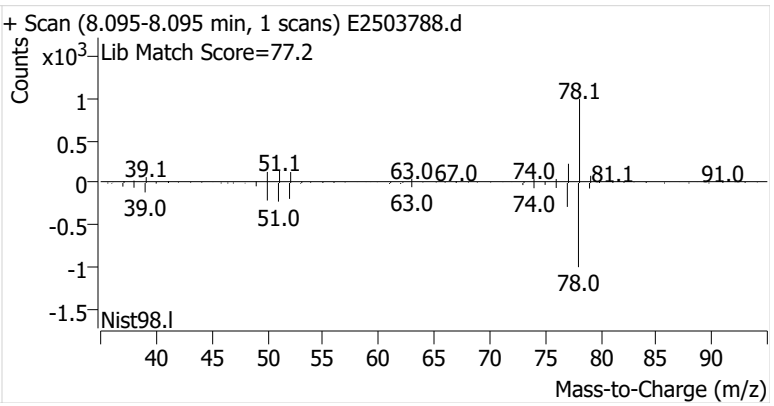
benzene-d6 (IS)



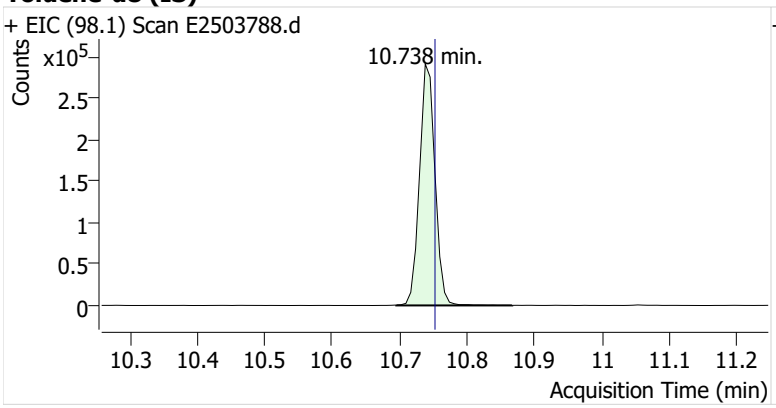


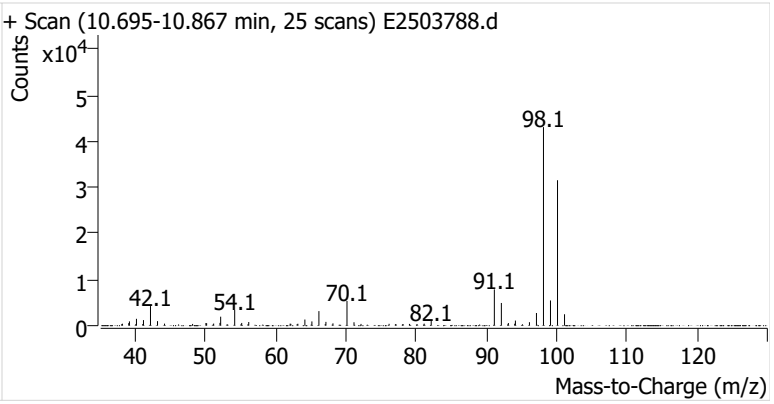
Benzene



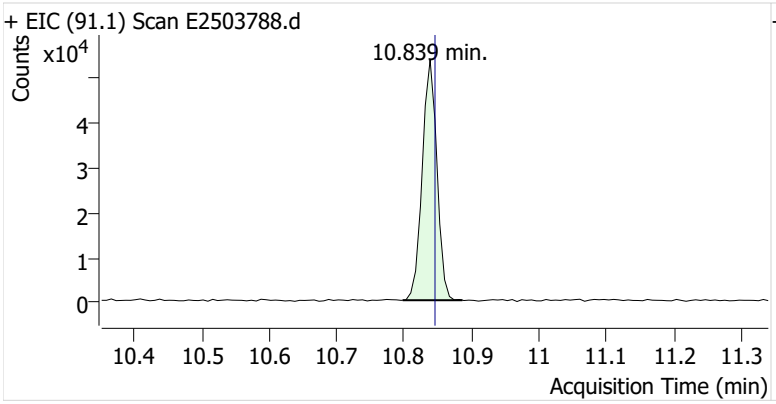


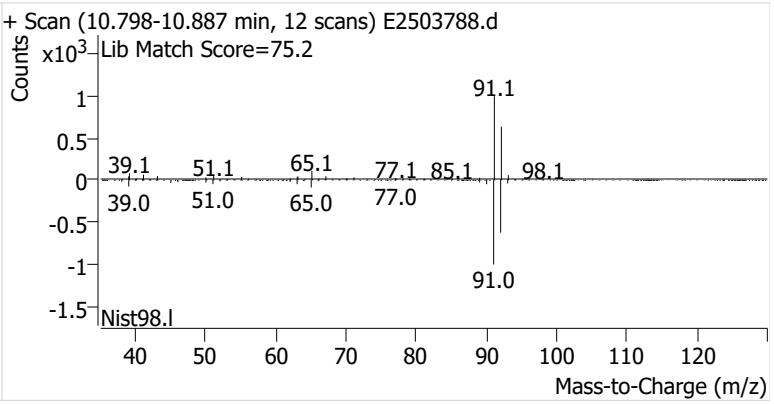
Toluene-d8 (IS)



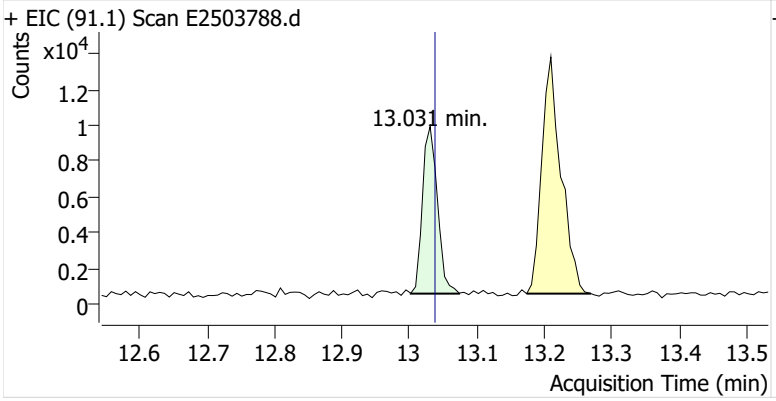


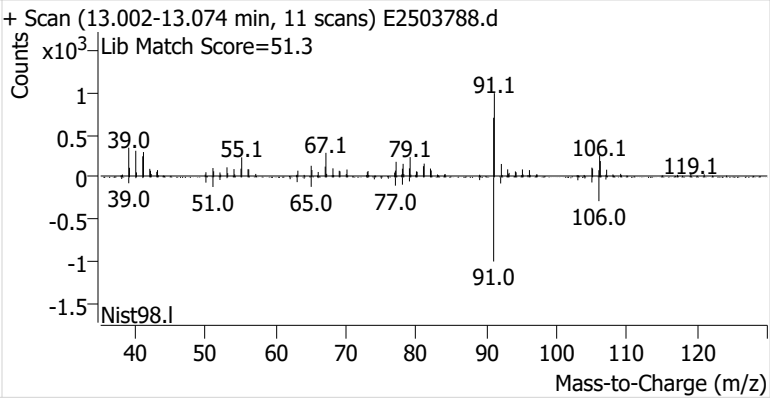
Toluene



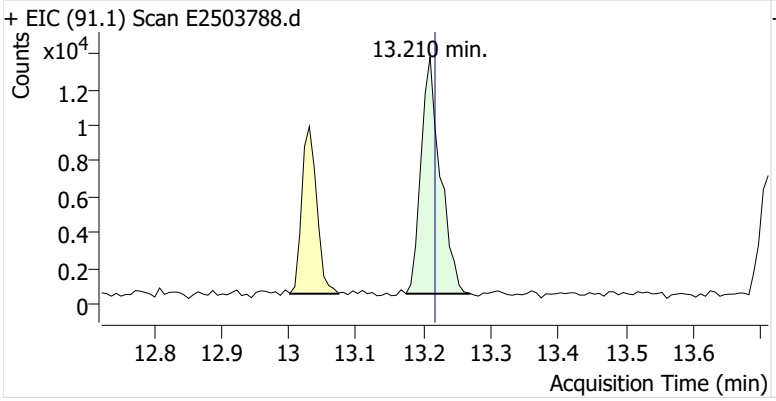


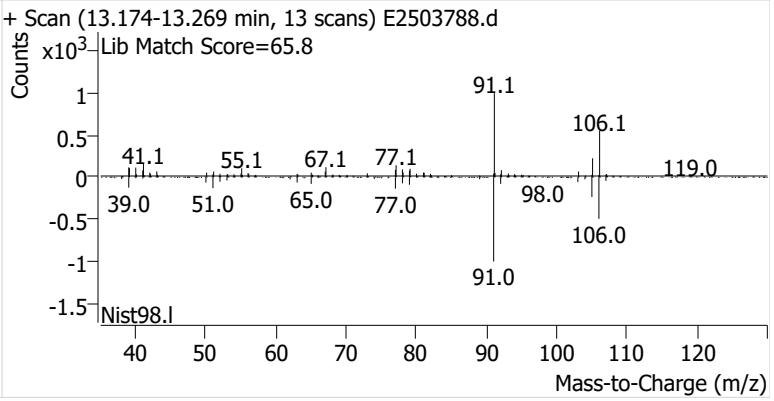
Ethylbenzene



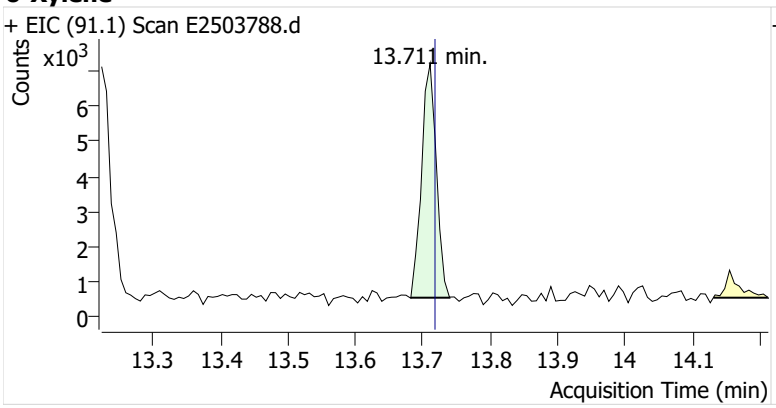


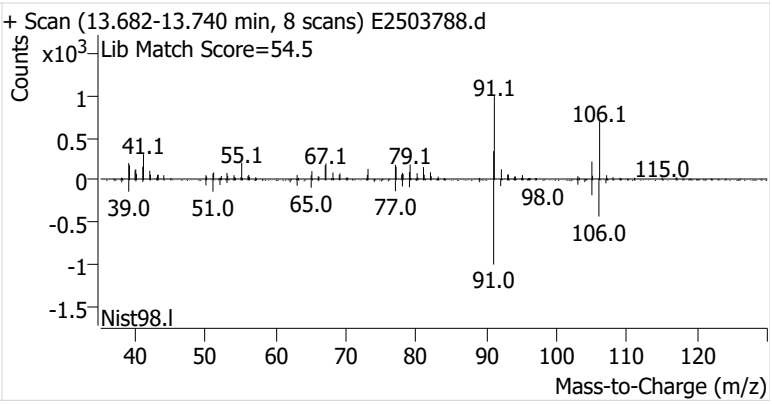
m-/p-Xylenes





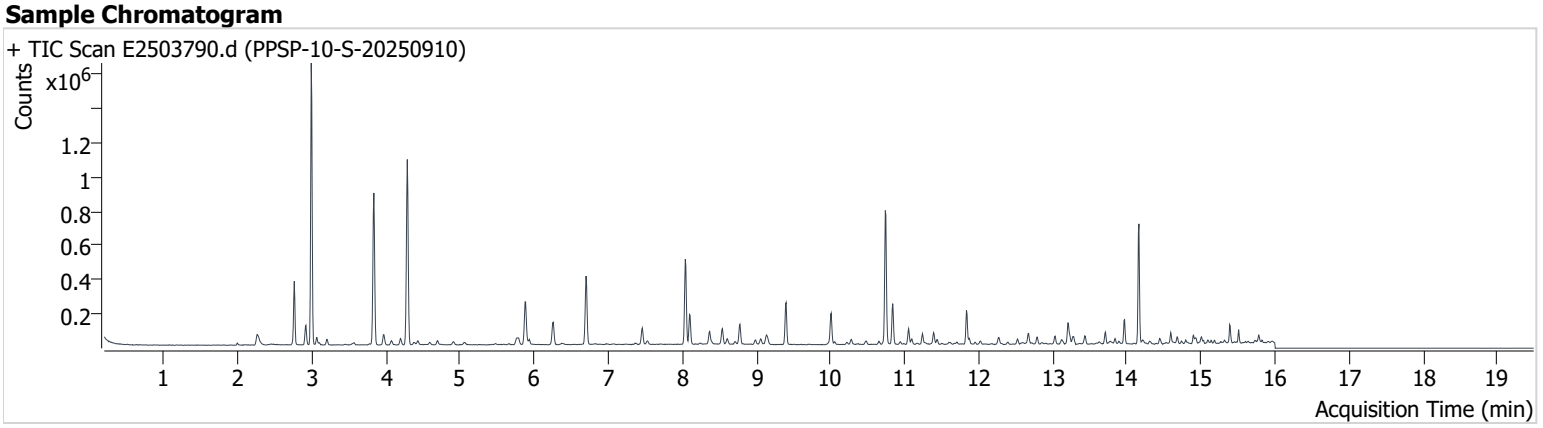
o-Xylene


+ EIC (91.1) Scan E2503788.d
Counts
x10^3
13.711 min.
6
5
4
3
2
1
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.682-13.740 min, 8 scans) E2503788.d
Counts
x10^3
Lib Match Score=54.5
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.1
55.1
67.1
79.1
115.0
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

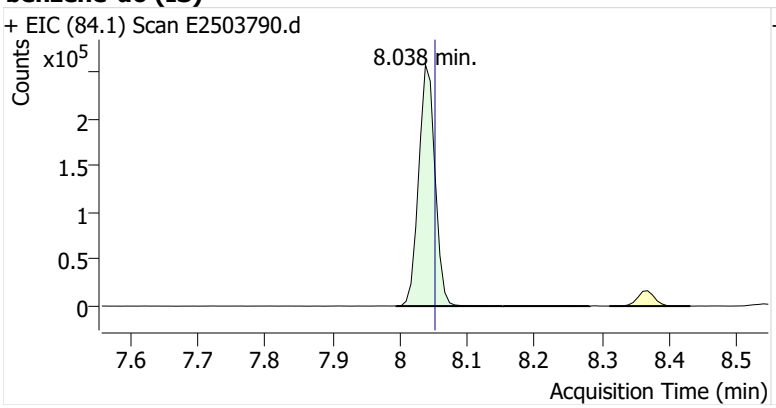
Name	PPSP-10-S-20250910
Comment	C57405
Data File	E2503790.d
Acq. Date-Time	9/28/2025 7:54:20 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

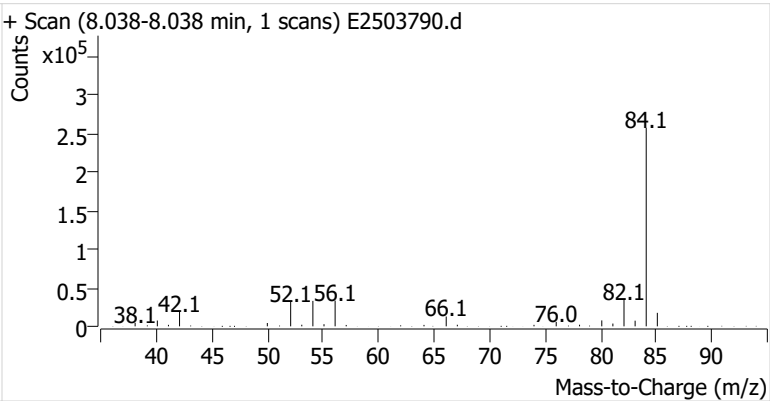
Sample Chromatogram



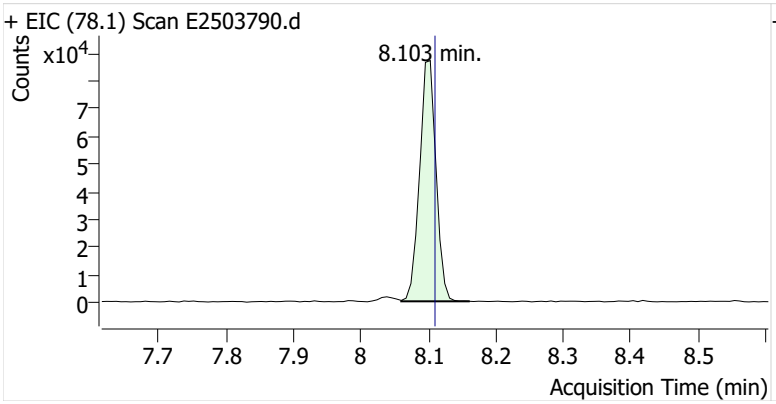
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	432,788	
Benzene	benzene-d6 (IS)	8.103	8.110	146,994	
Toluene-d8 (IS)		10.739	10.753	471,565	
Toluene	Toluene-d8 (IS)	10.839	10.846	147,176	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	27,556	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	84,744	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	35,410	

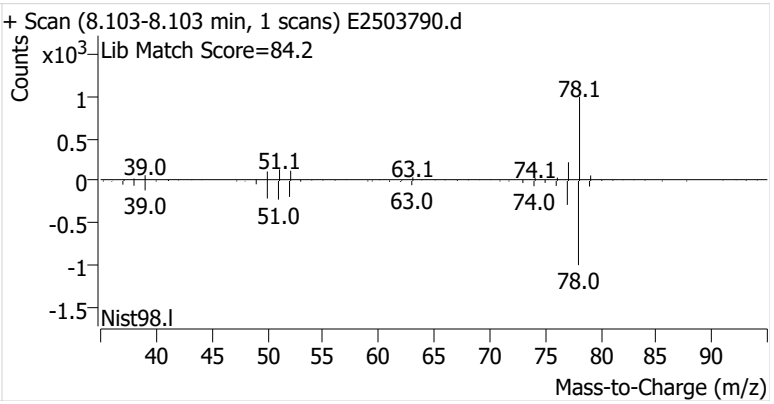
benzene-d6 (IS)



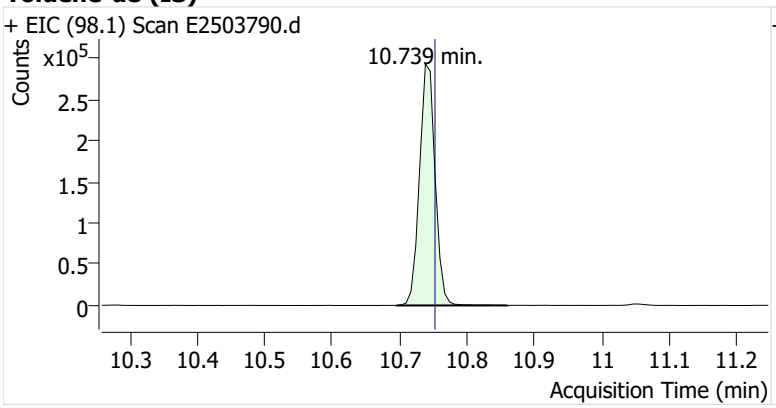


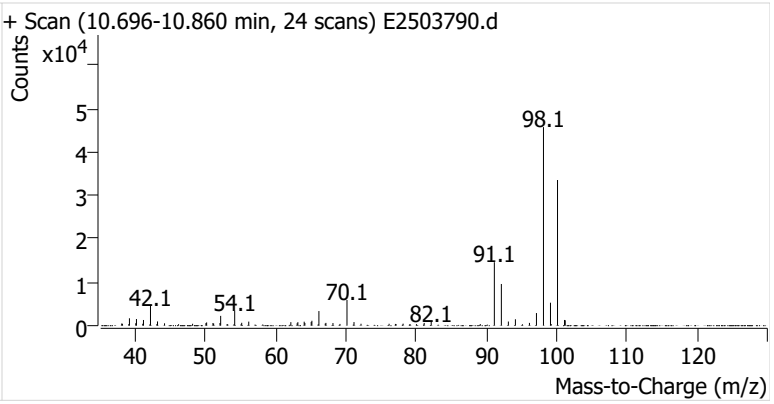
Benzene



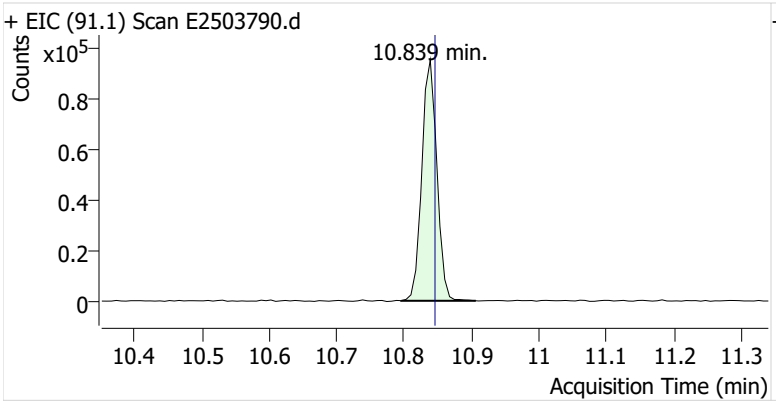


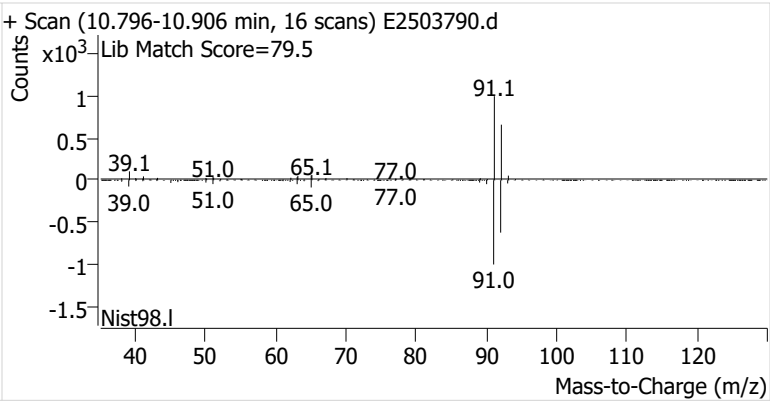
Toluene-d8 (IS)



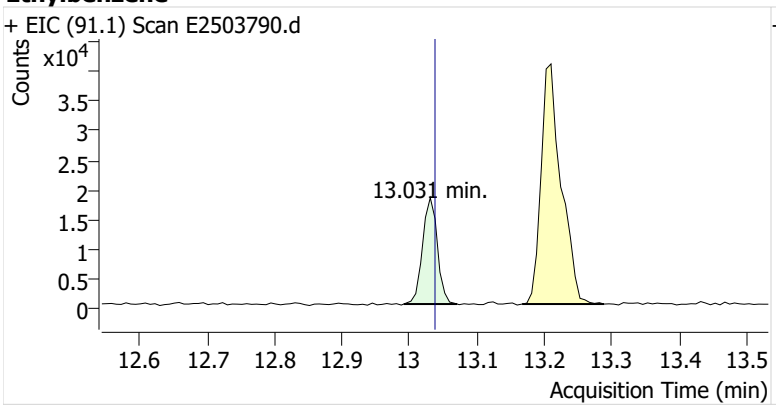


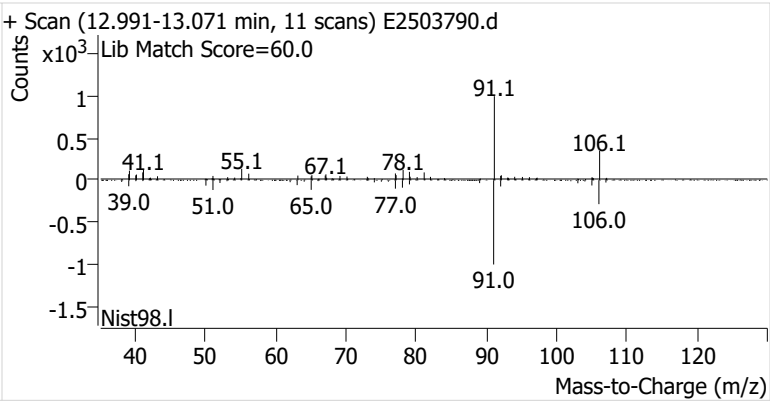
Toluene



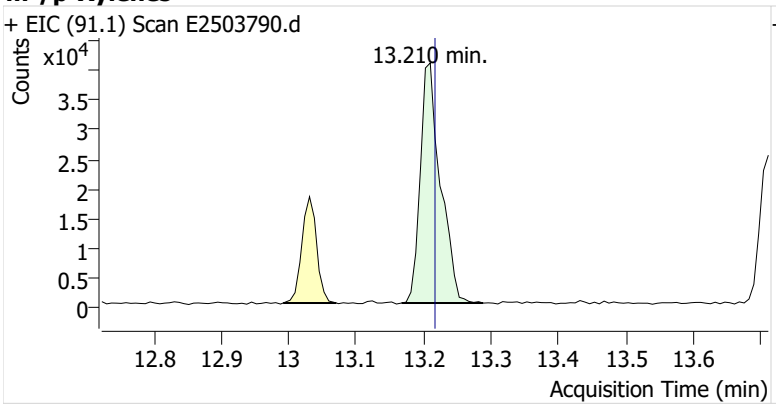


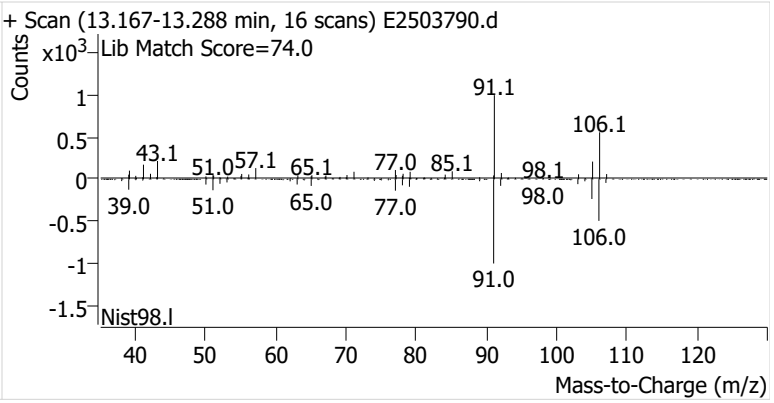
Ethylbenzene



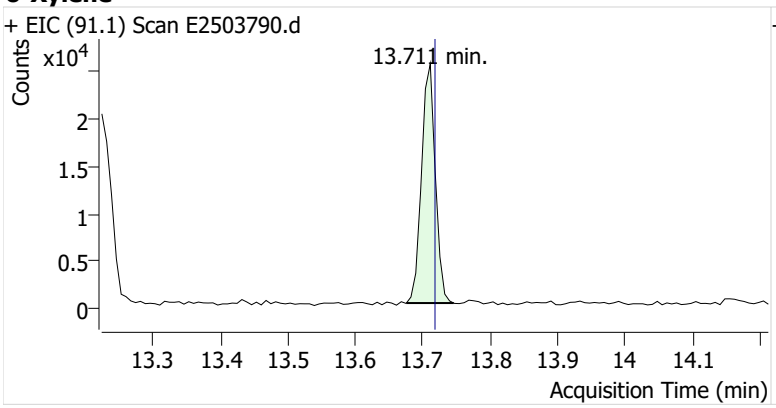


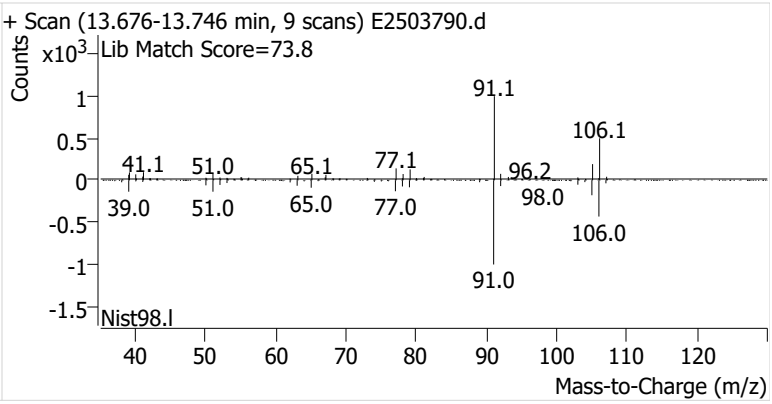
m-/p-Xylenes





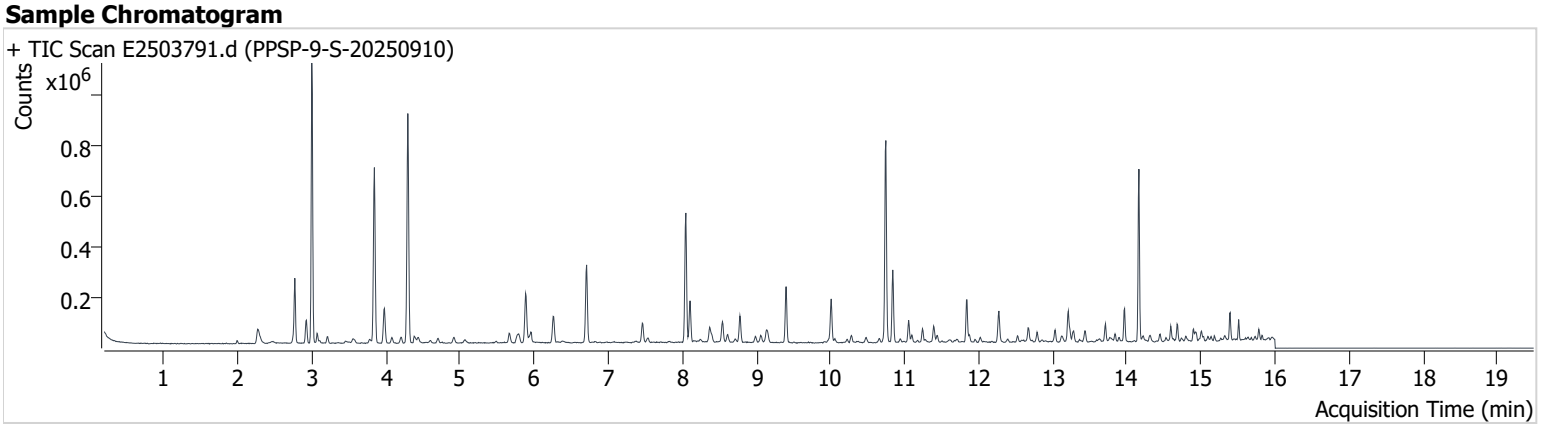
o-Xylene


+ EIC (91.1) Scan E2503790.d
Counts
x10^4
13.711 min.
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.676-13.746 min, 9 scans) E2503790.d
Counts
x10^3
Lib Match Score=73.8
91.1
106.1
41.1
51.0
65.1
77.1
96.2
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

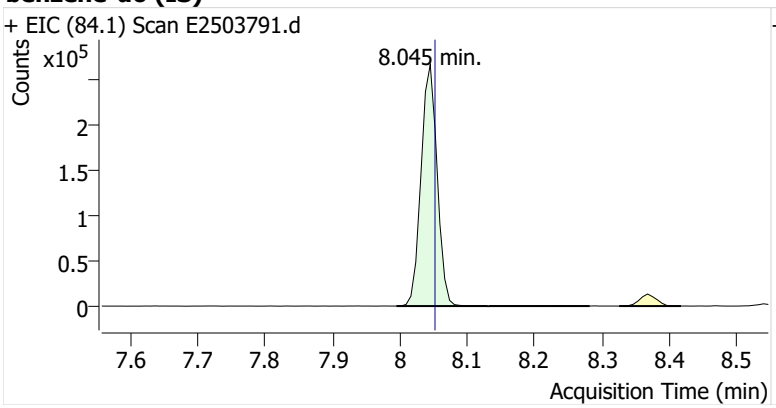
Name	PPSP-9-S-20250910
Comment	C70602
Data File	E2503791.d
Acq. Date-Time	9/28/2025 8:20:00 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

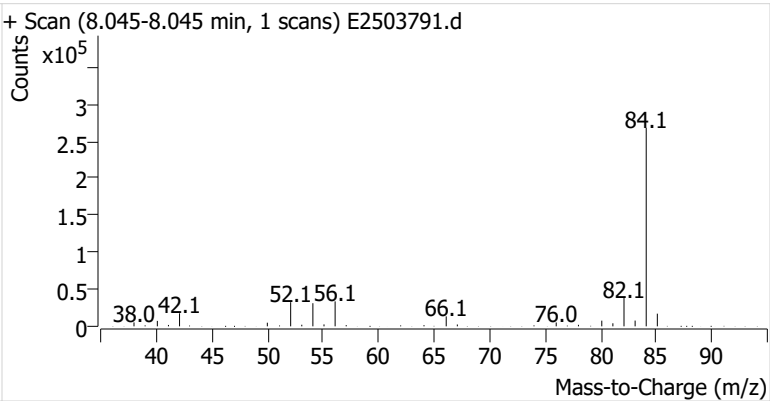
Sample Chromatogram



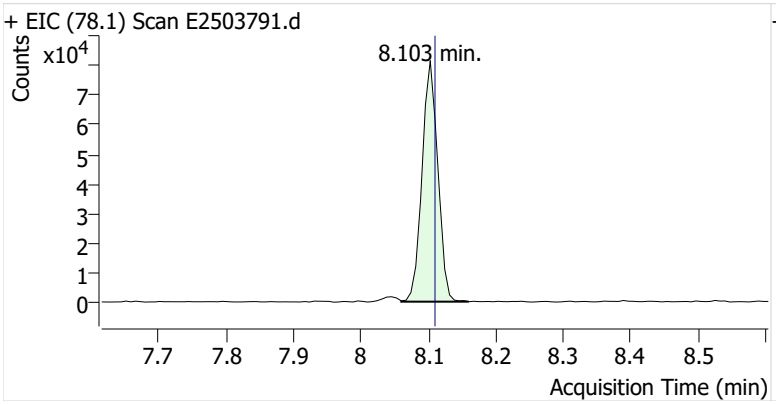
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	444,642	
Benzene	benzene-d6 (IS)	8.103	8.110	131,958	
Toluene-d8 (IS)		10.746	10.753	475,466	
Toluene	Toluene-d8 (IS)	10.839	10.846	176,158	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	26,442	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	80,863	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	34,828	

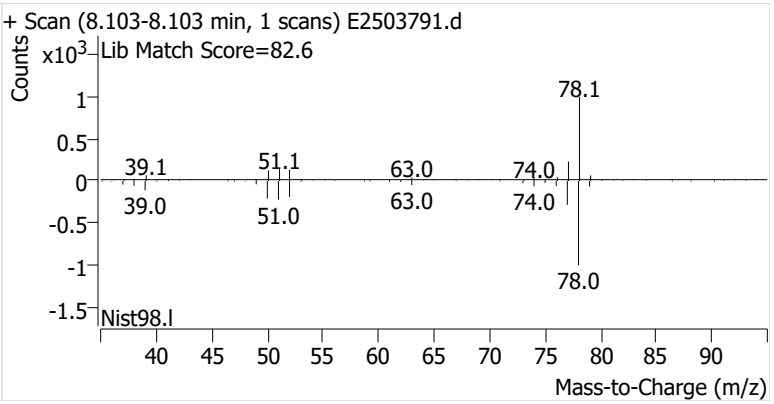
benzene-d6 (IS)



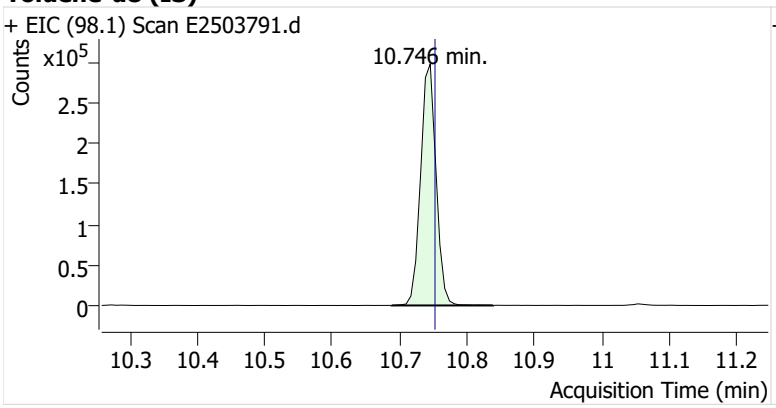


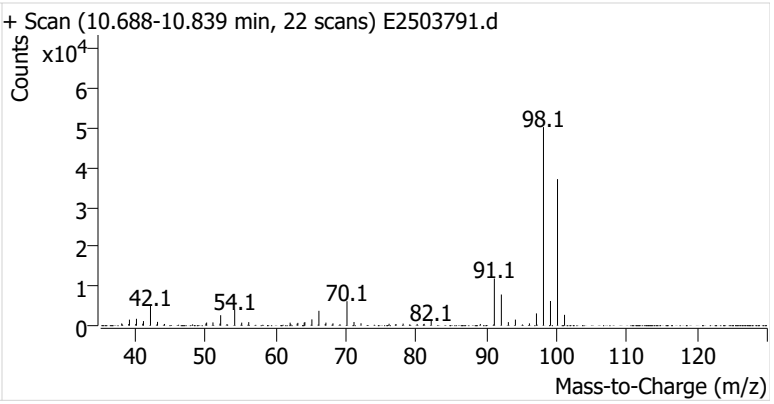
Benzene



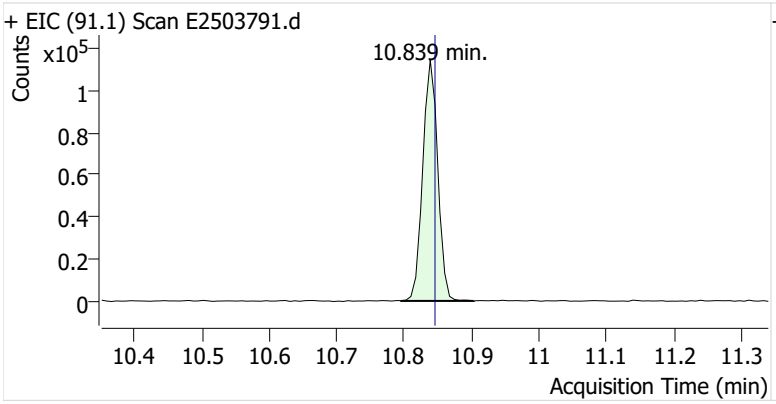


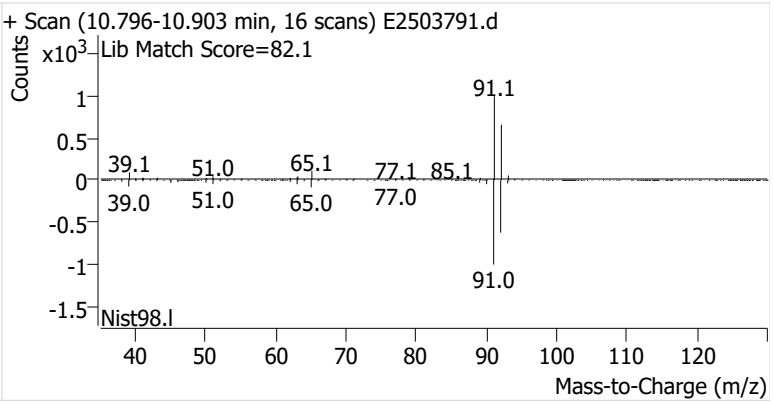
Toluene-d8 (IS)



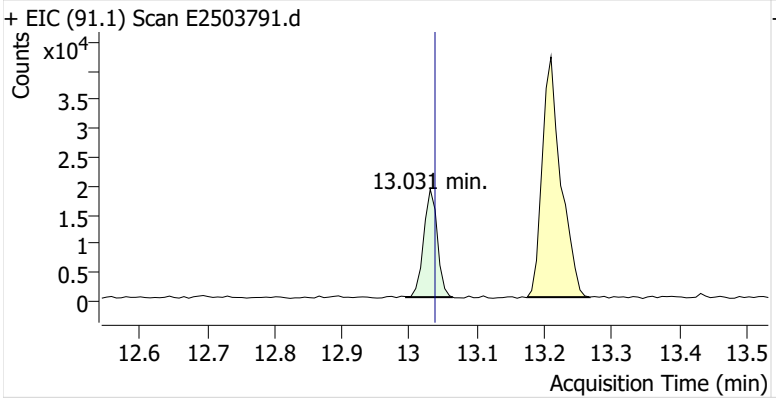


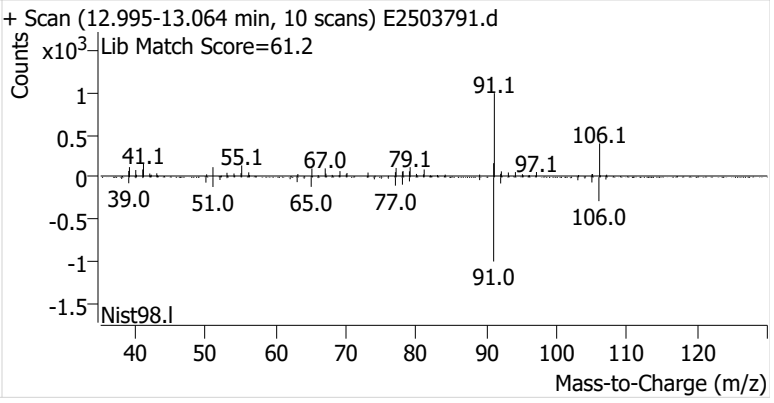
Toluene



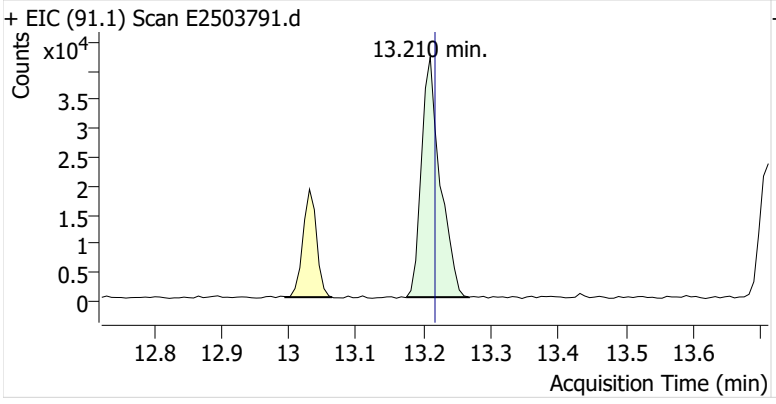


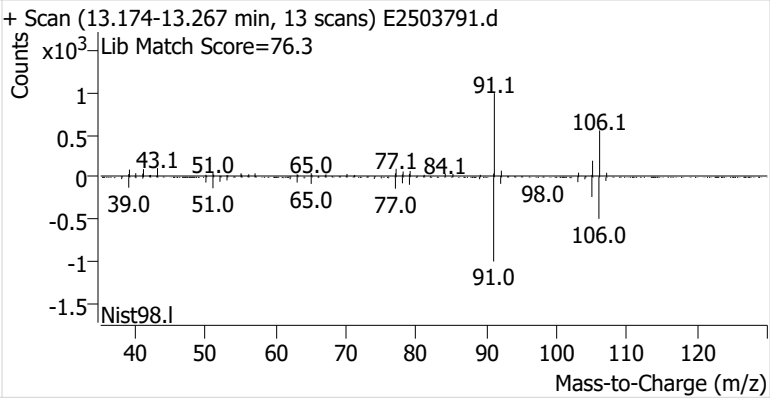
Ethylbenzene



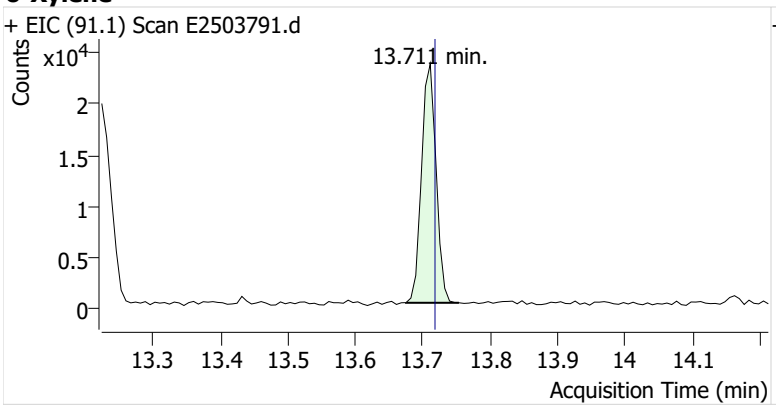


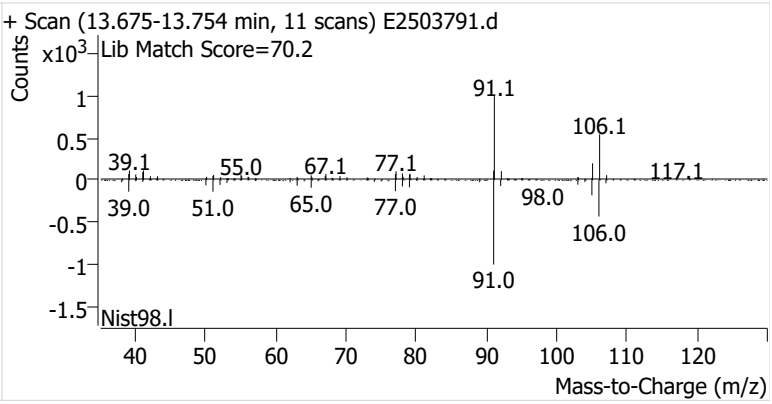
m-/p-Xylenes





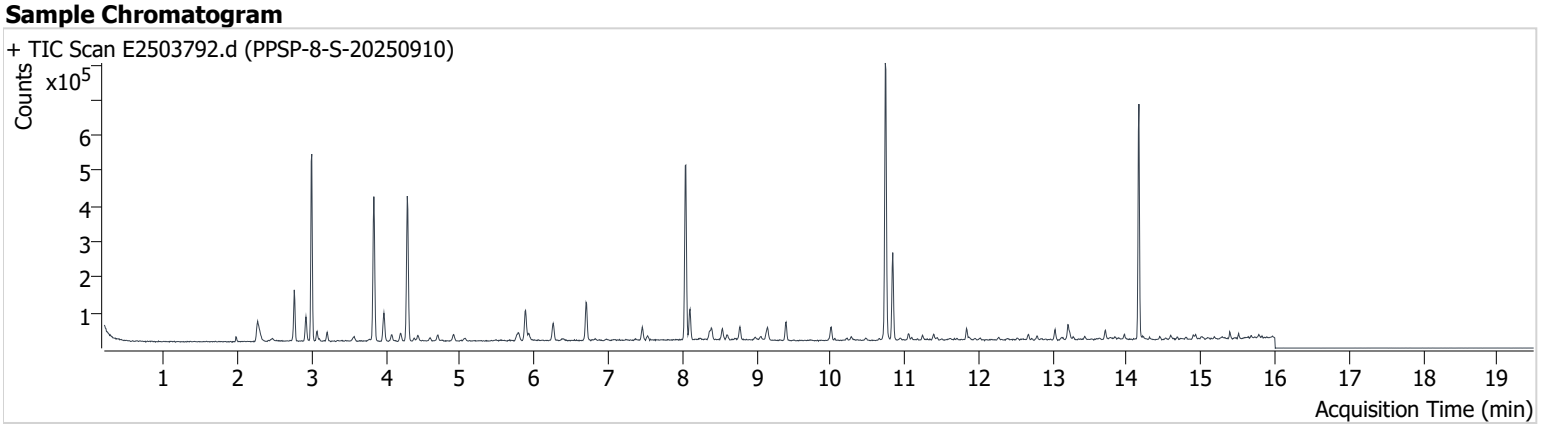
o-Xylene


+ EIC (91.1) Scan E2503791.d
Counts
x10^4
13.711 min.
2
1.5
1
0.5
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.675-13.754 min, 11 scans) E2503791.d
Counts
x10^3
Lib Match Score=70.2
91.1
106.1
39.1
55.0
67.1
77.1
117.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

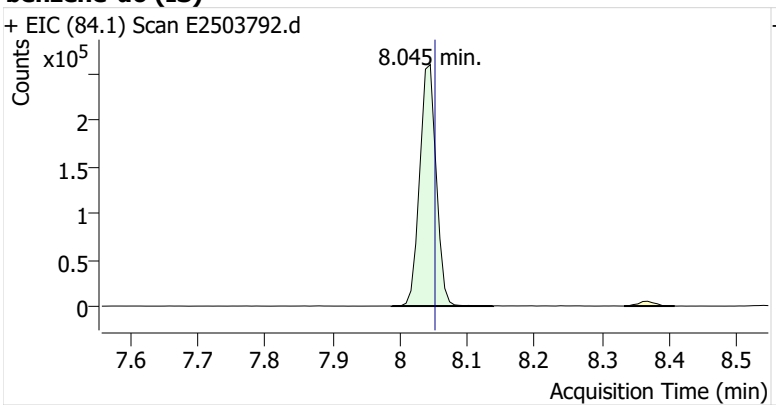
Name	PPSP-8-S-20250910
Comment	C17183
Data File	E2503792.d
Acq. Date-Time	9/28/2025 8:45:40 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

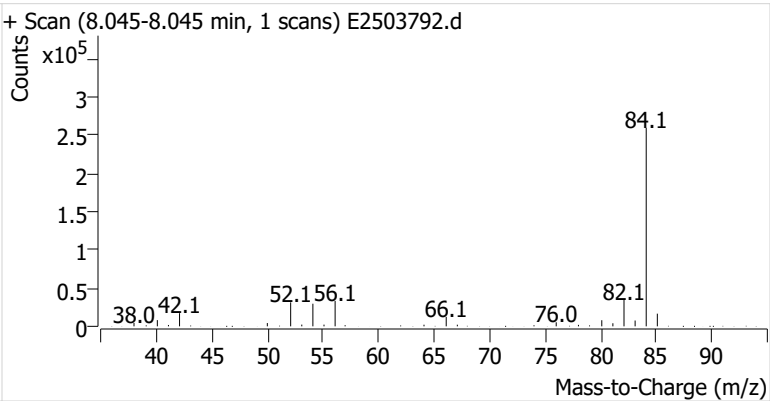
Sample Chromatogram



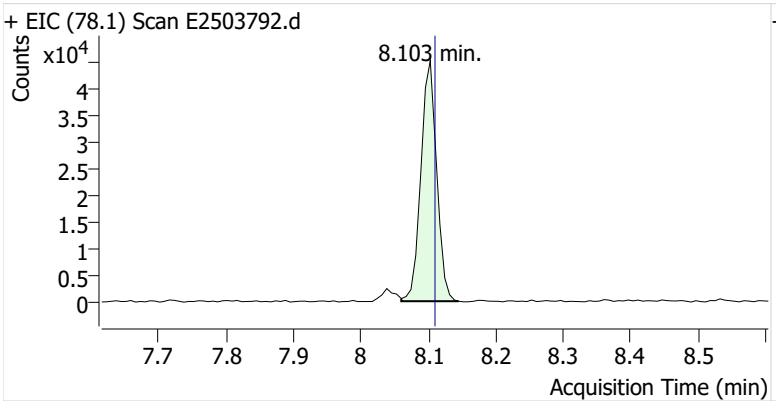
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.045	8.052	442,467	
Benzene	benzene-d6 (IS)	8.103	8.110	72,781	
Toluene-d8 (IS)		10.739	10.753	477,670	
Toluene	Toluene-d8 (IS)	10.839	10.846	154,914	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	16,454	
m-/p-Xylenes	Toluene-d8 (IS)	13.203	13.217	30,309	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	12,885	

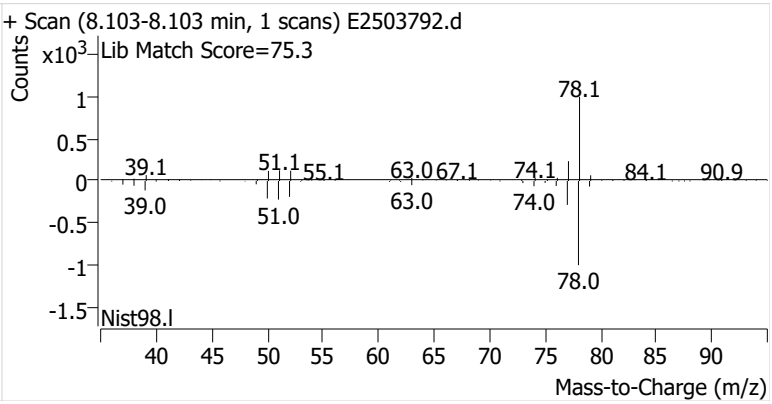
benzene-d6 (IS)



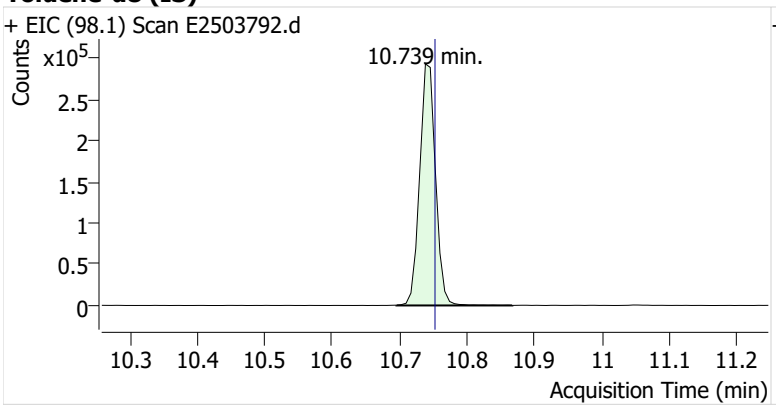


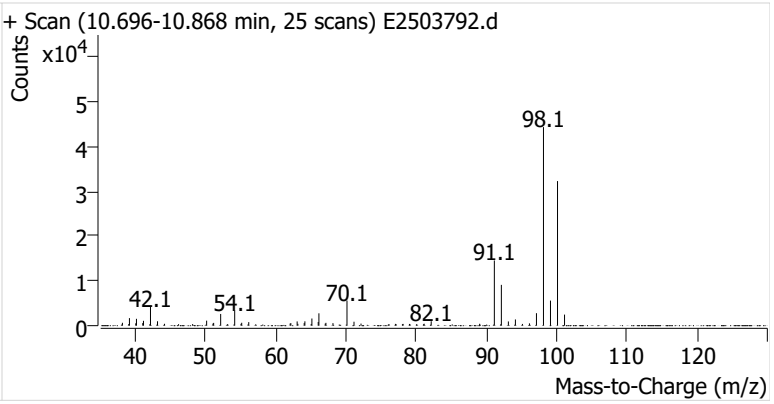
Benzene



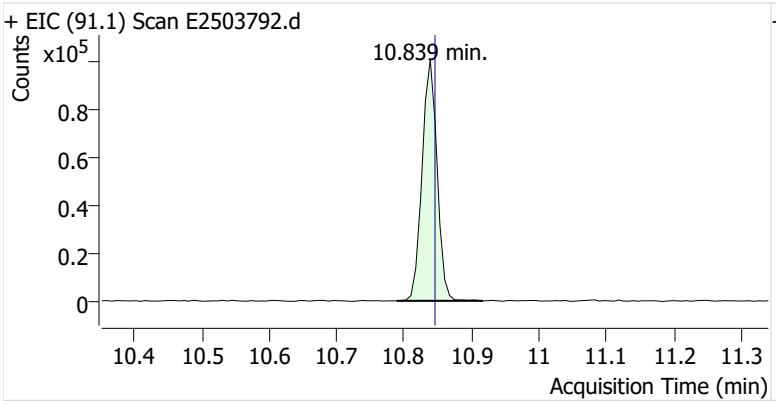


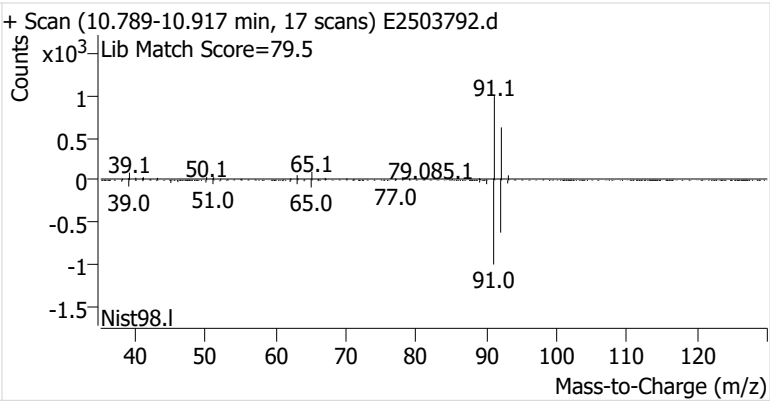
Toluene-d8 (IS)



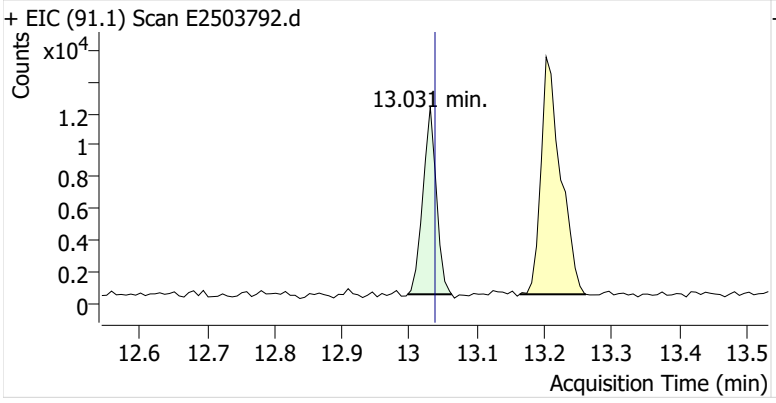


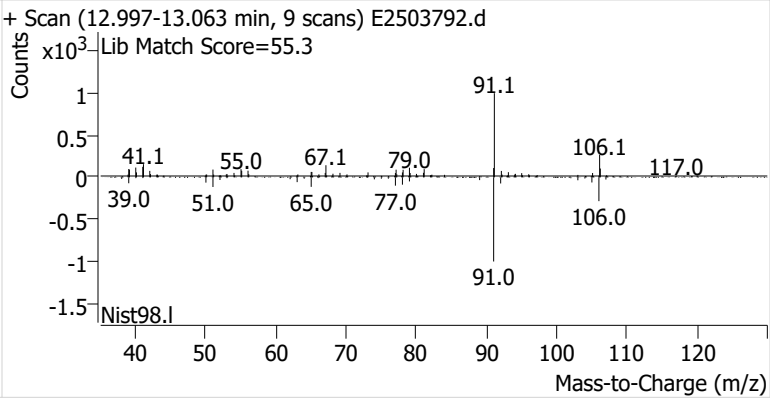
Toluene



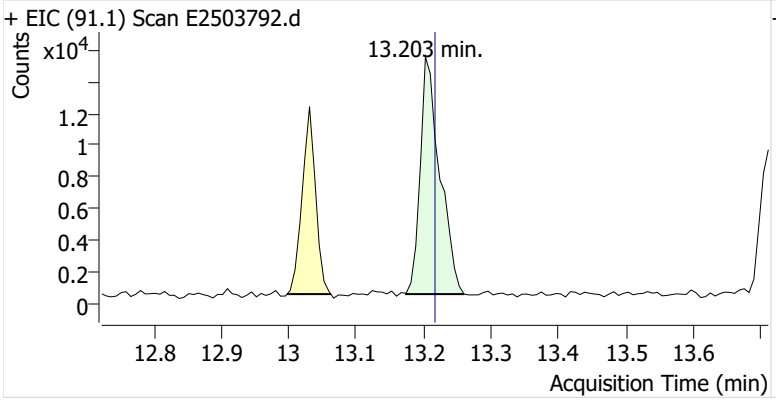


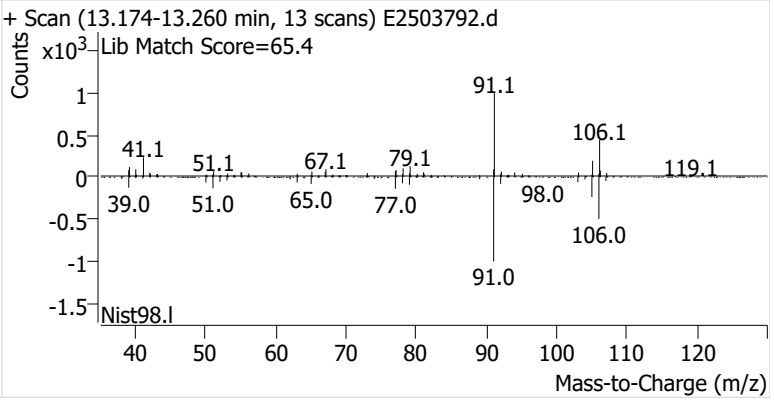
Ethylbenzene



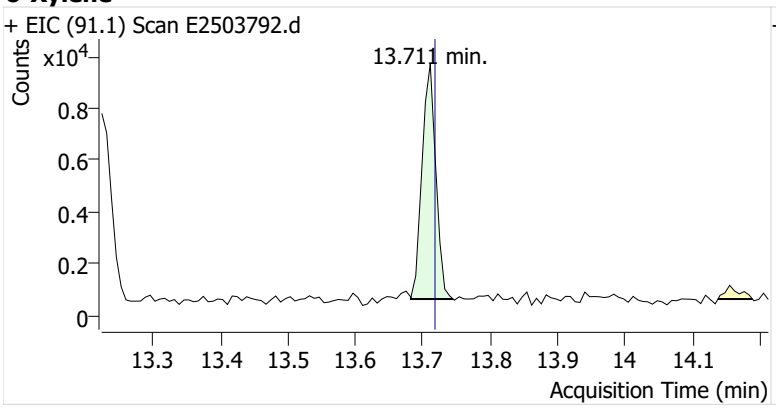


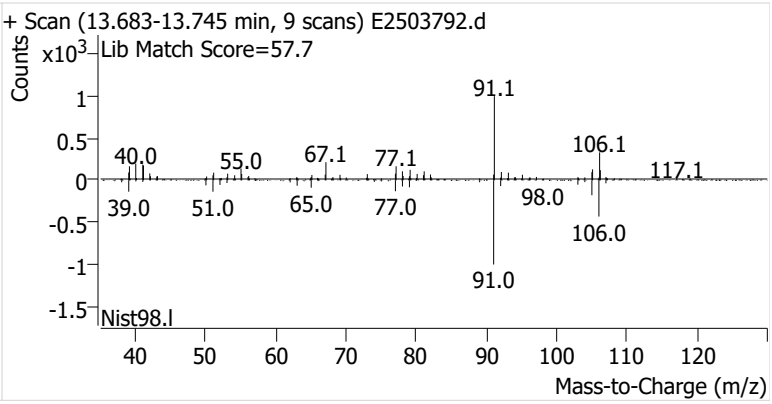
m-/p-Xylenes





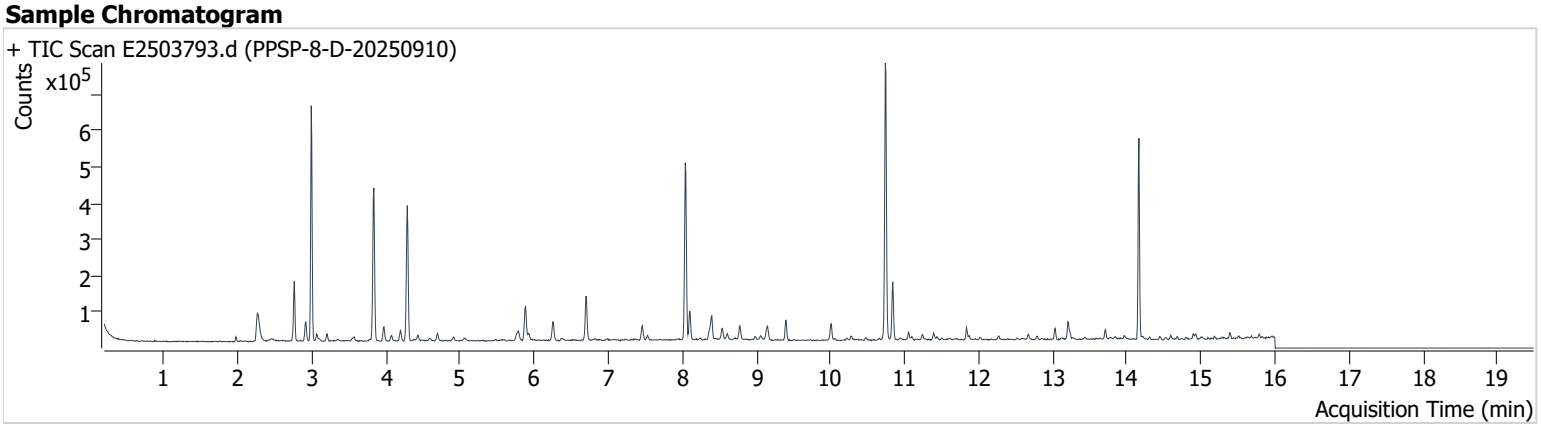
o-Xylene


+ EIC (91.1) Scan E2503792.d
Counts
x10^4
13.711 min.
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.683-13.745 min, 9 scans) E2503792.d
Counts
x10^3
Lib Match Score=57.7
91.1
106.1
117.1
40.0
55.0
67.1
77.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

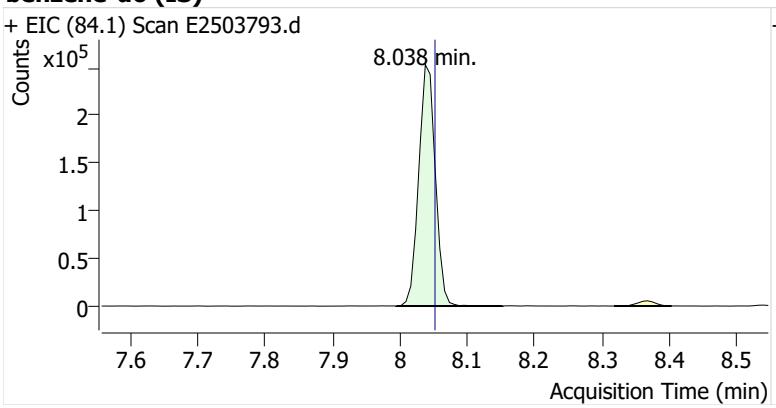
Name	PPSP-8-D-20250910
Comment	C36933
Data File	E2503793.d
Acq. Date-Time	9/28/2025 9:11:16 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

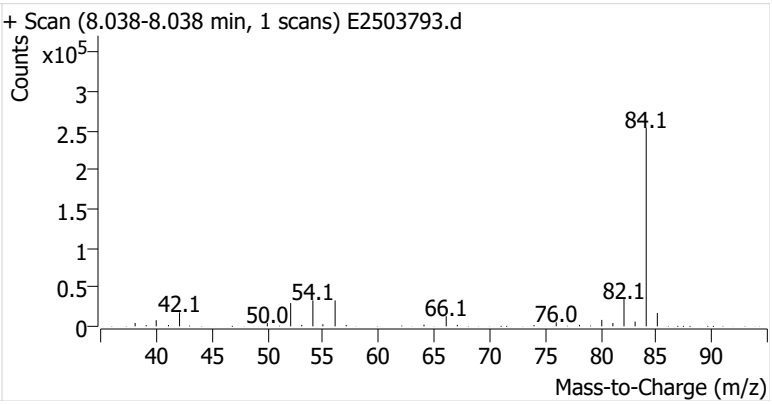
Sample Chromatogram



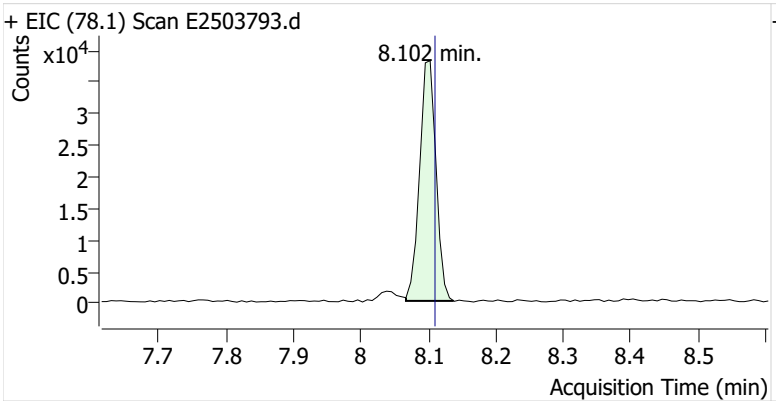
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	433,921	
Benzene	benzene-d6 (IS)	8.102	8.110	64,051	
Toluene-d8 (IS)		10.738	10.753	464,130	
Toluene	Toluene-d8 (IS)	10.839	10.846	94,398	
Ethylbenzene	Toluene-d8 (IS)	13.031	13.038	19,355	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	34,655	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	13,523	

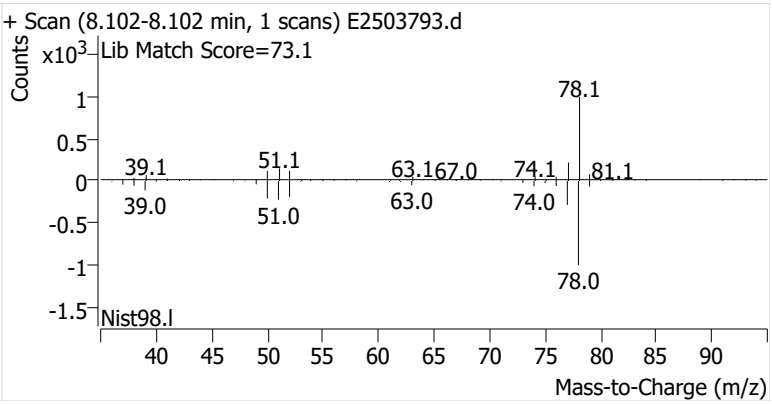
benzene-d6 (IS)



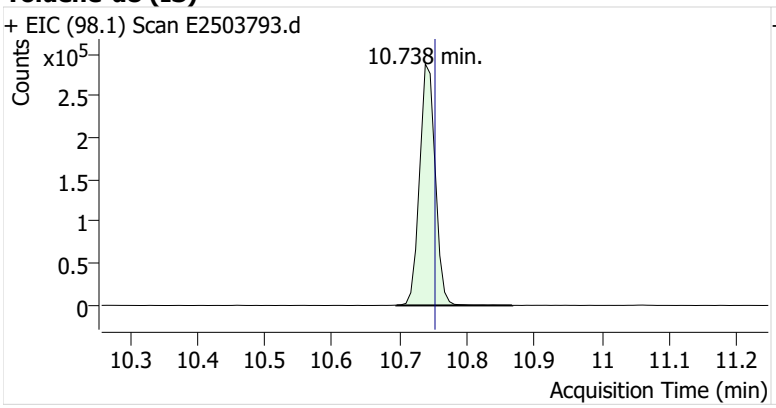


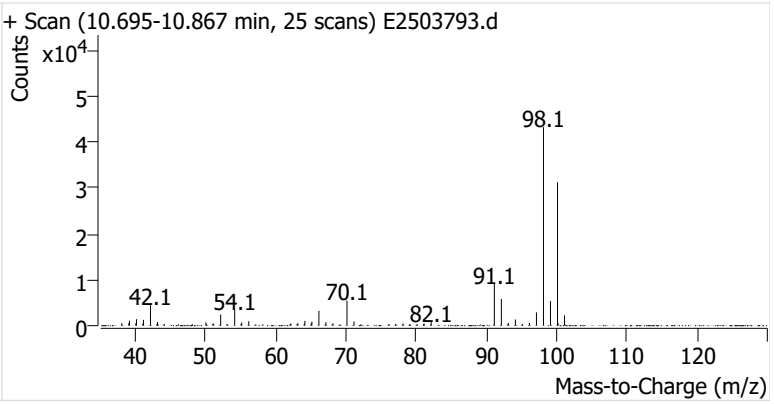
Benzene



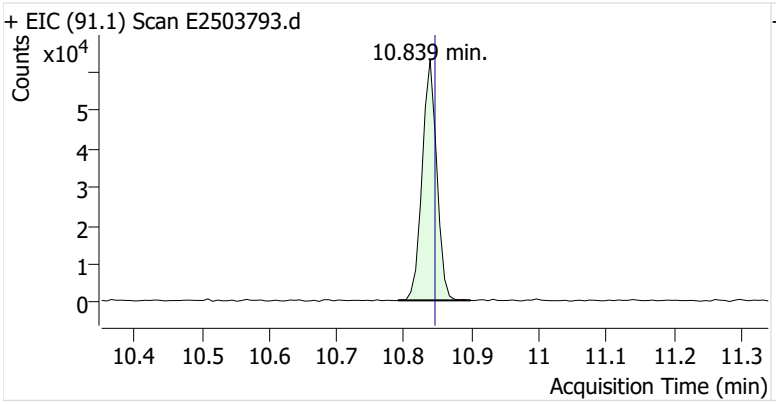


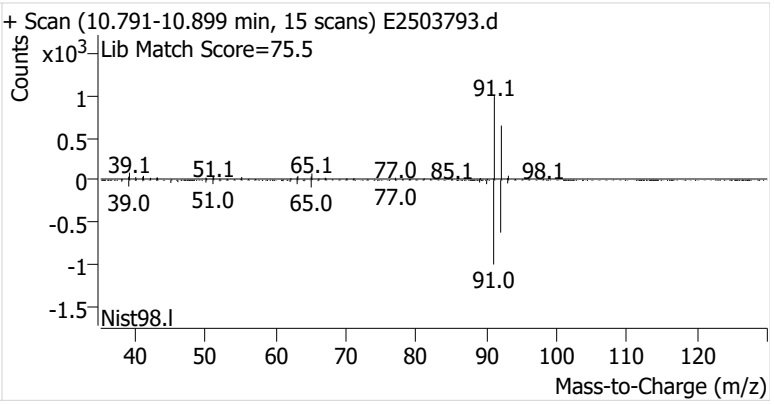
Toluene-d8 (IS)



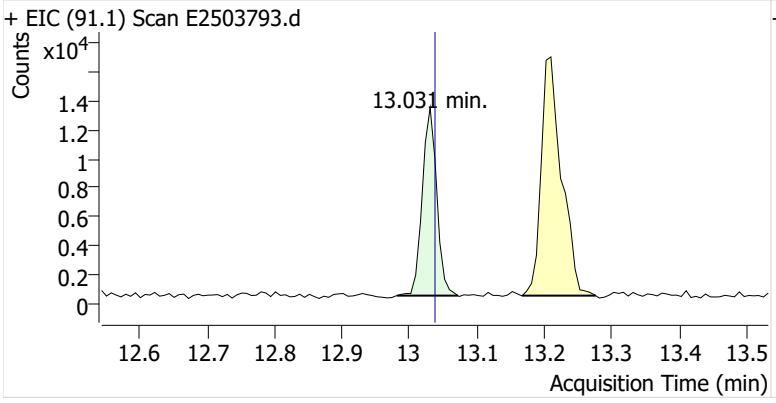


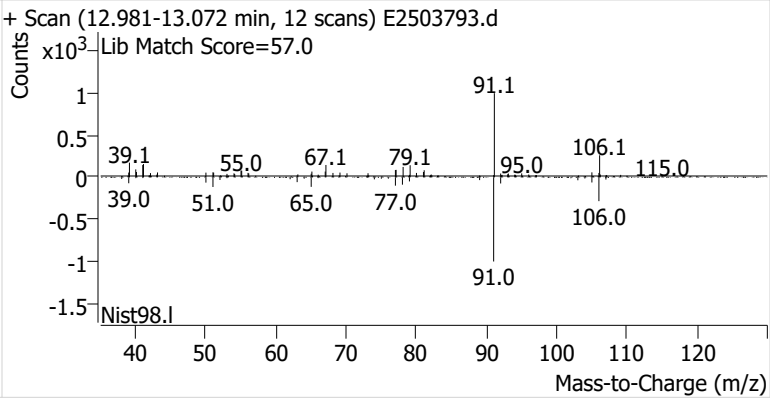
Toluene



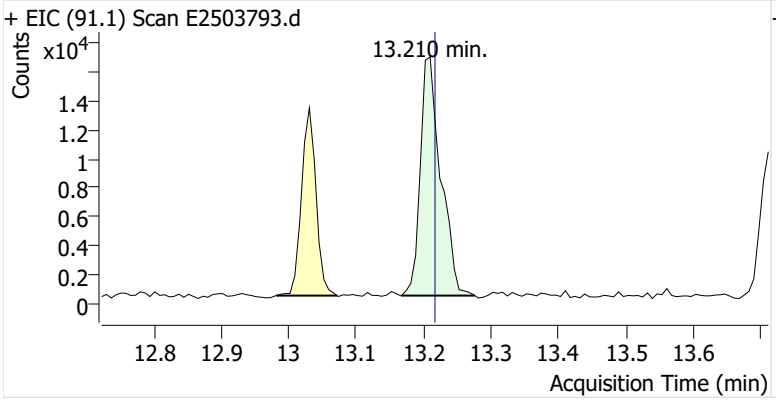


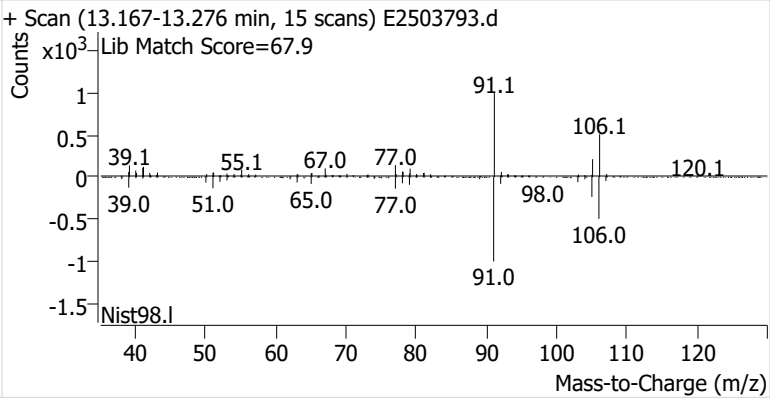
Ethylbenzene



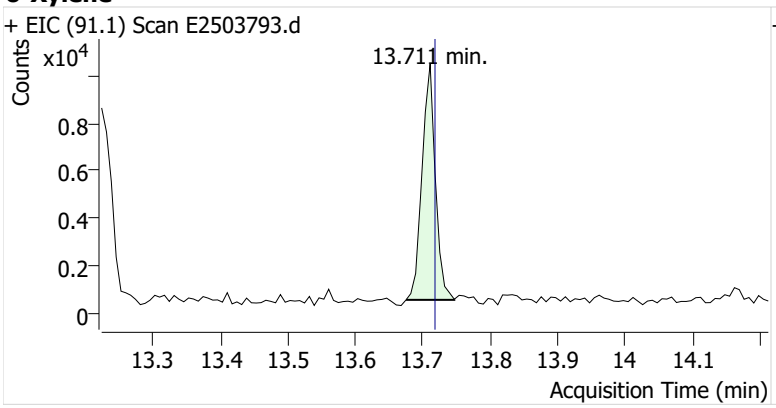


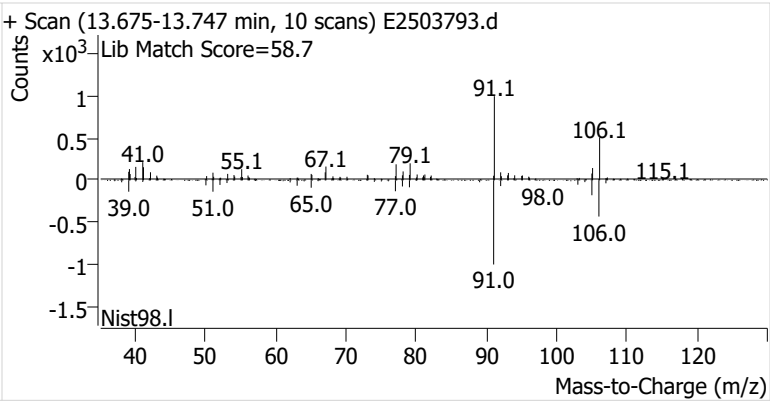
m-/p-Xylenes





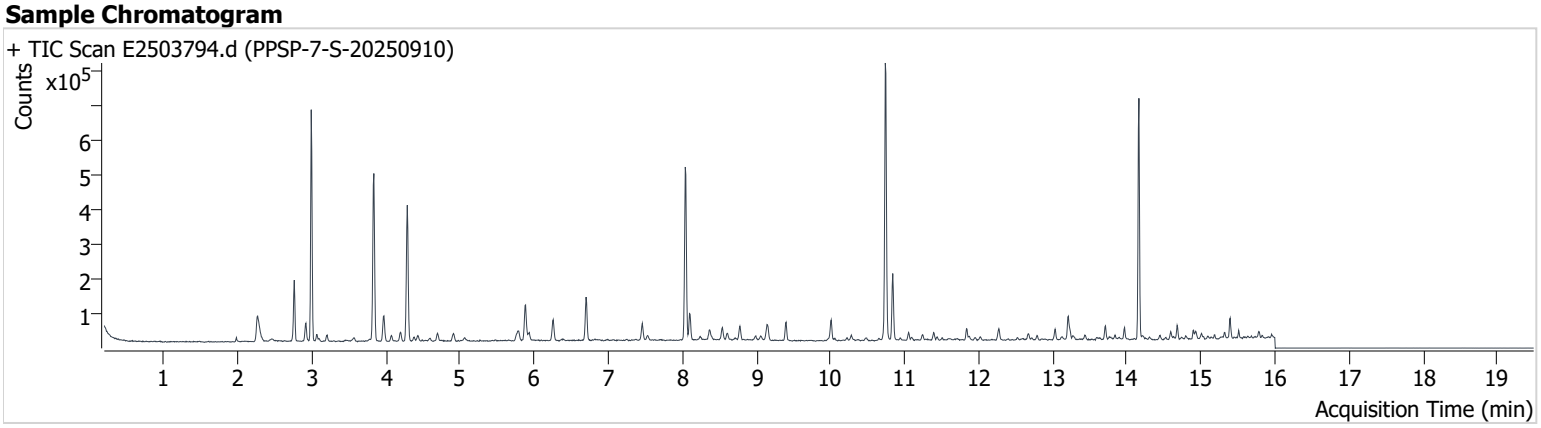
o-Xylene


+ EIC (91.1) Scan E2503793.d
Counts
x10^4
13.711 min.
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.675-13.747 min, 10 scans) E2503793.d
Counts
x10^3
Lib Match Score=58.7
1
0.5
0
-0.5
-1
-1.5
91.1
106.1
41.0
55.1
67.1
79.1
115.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

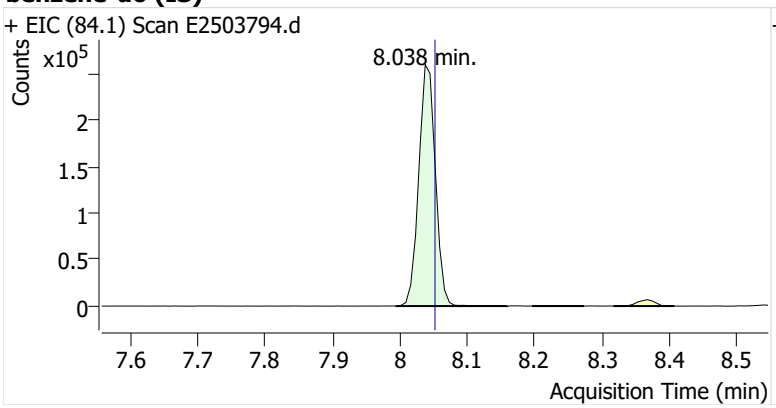
Name	PPSP-7-S-20250910
Comment	C40194
Data File	E2503794.d
Acq. Date-Time	9/28/2025 9:37:04 PM
Acq. Method File	M325B-MTD
Tube Sorbent	CarbopackX
Analyze Quant Version	12.1
Report Quant Version	12.1

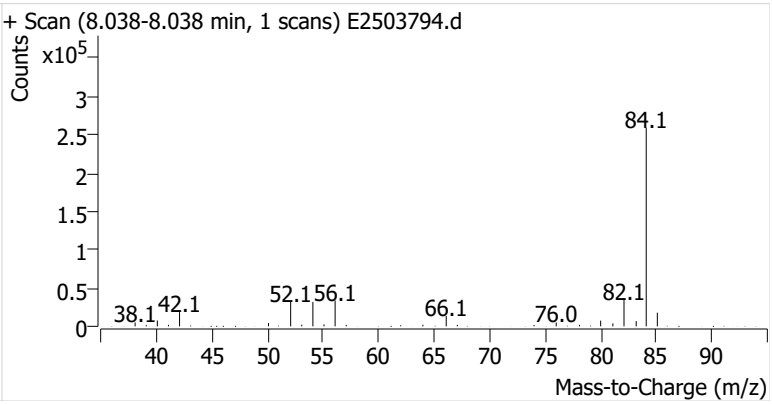
Sample Chromatogram



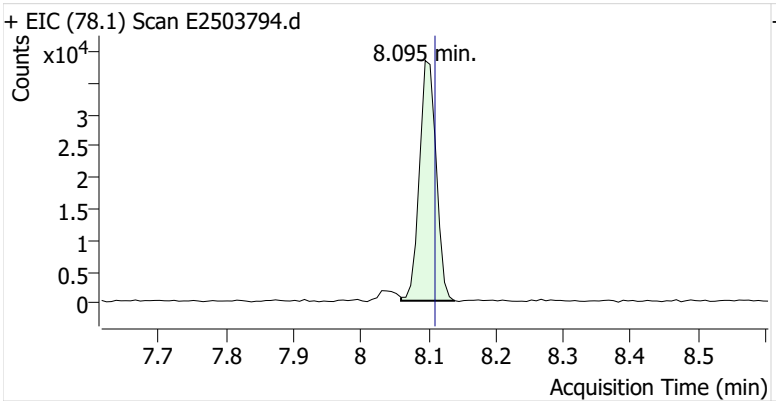
Name	ISTD	RT	ICAL RT	Resp.	Int. Flag
benzene-d6 (IS)		8.038	8.052	443,671	
Benzene	benzene-d6 (IS)	8.095	8.110	65,850	
Toluene-d8 (IS)		10.738	10.753	474,439	
Toluene	Toluene-d8 (IS)	10.839	10.846	112,977	
Ethylbenzene	Toluene-d8 (IS)	13.030	13.038	18,444	
m-/p-Xylenes	Toluene-d8 (IS)	13.210	13.217	48,542	
o-Xylene	Toluene-d8 (IS)	13.711	13.718	20,048	

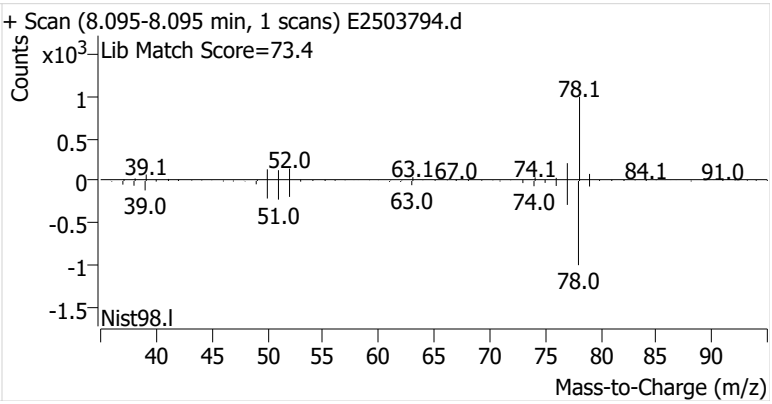
benzene-d6 (IS)



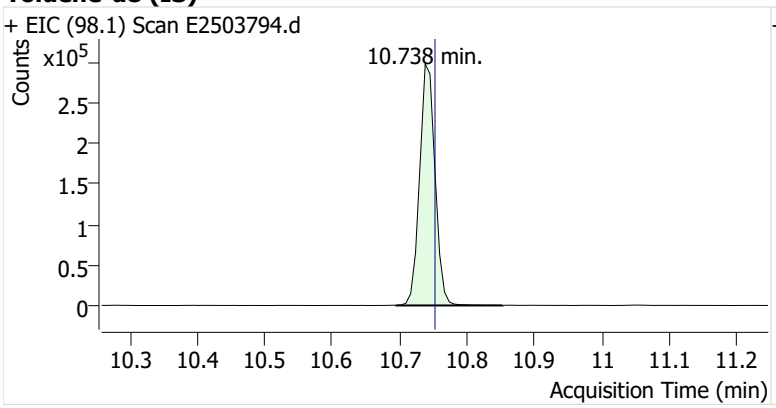


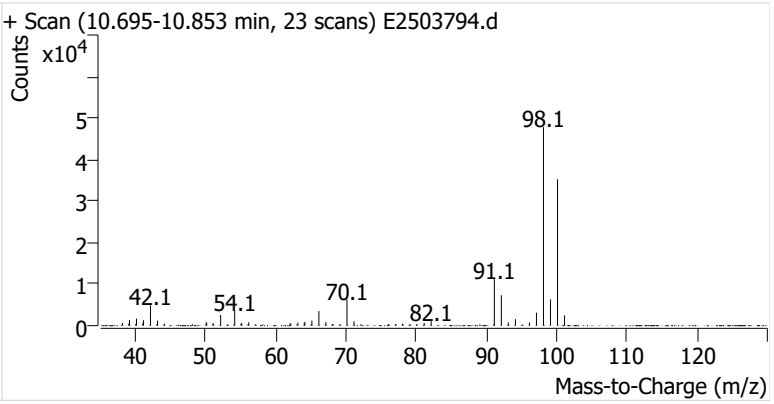
Benzene



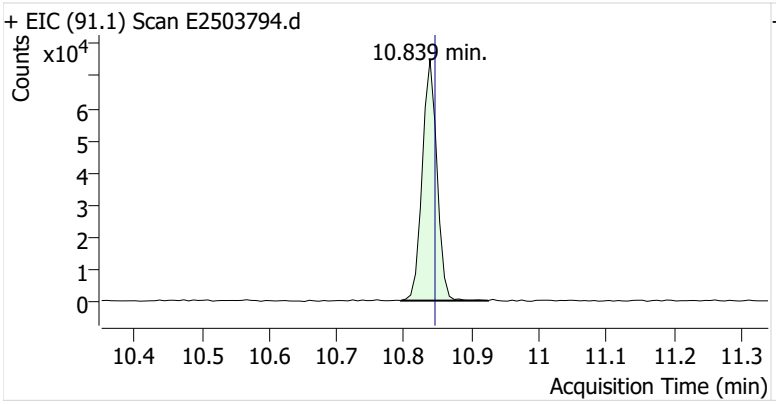


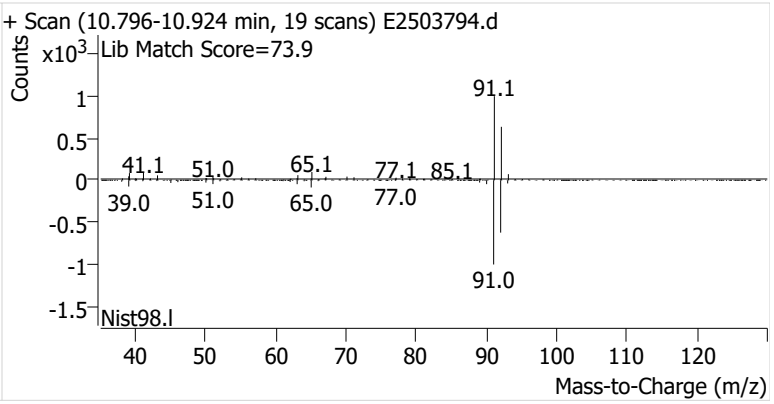
Toluene-d8 (IS)



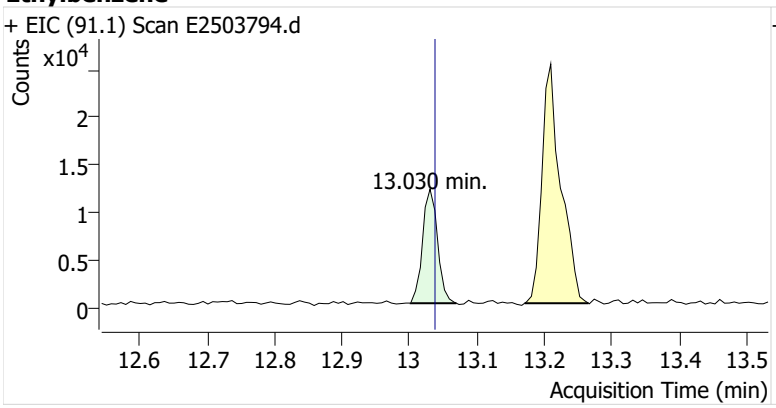


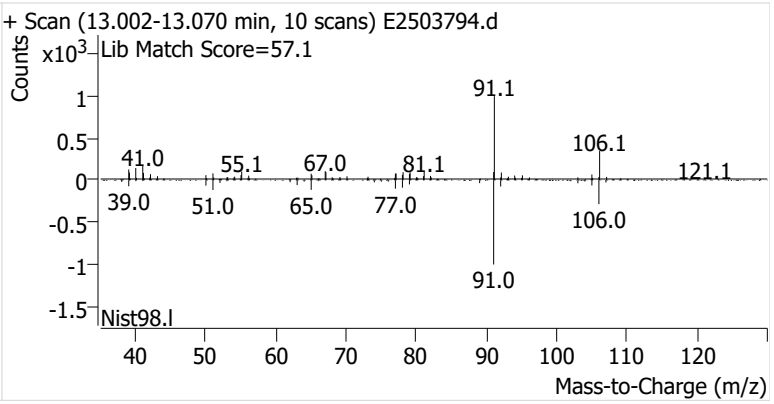
Toluene



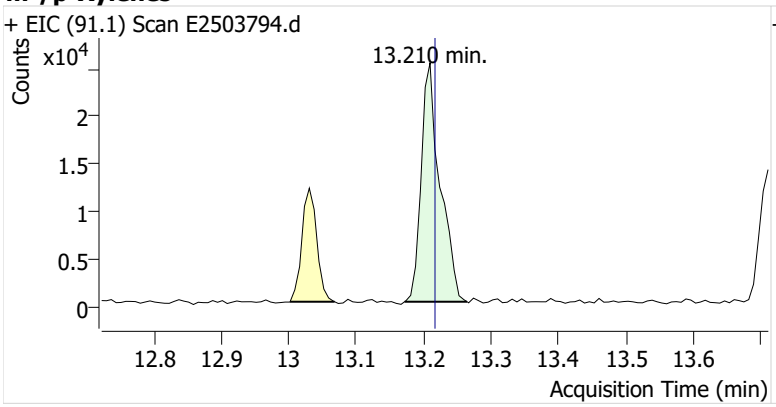


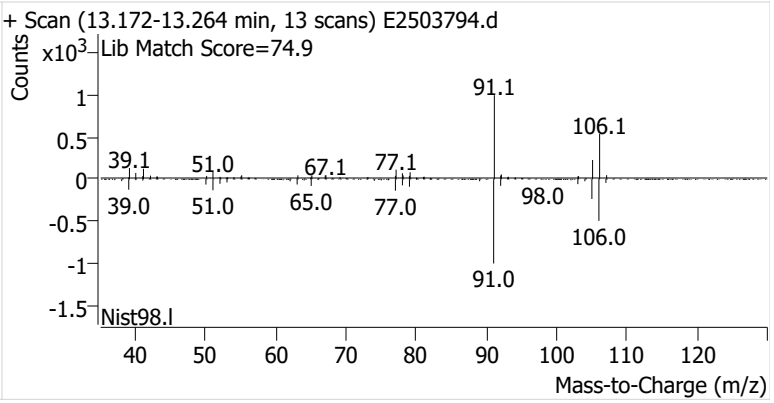
Ethylbenzene



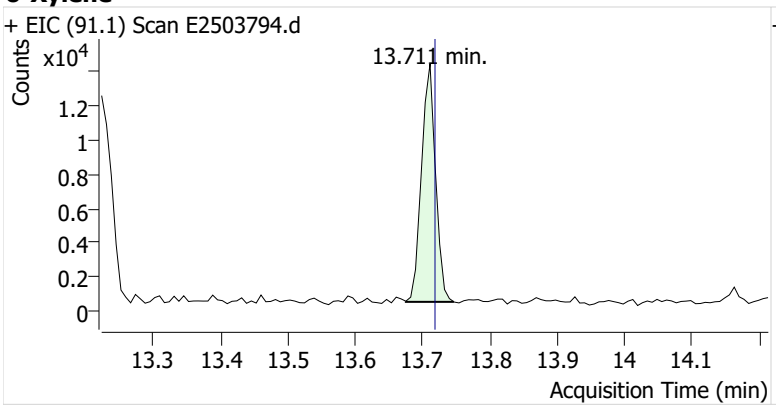


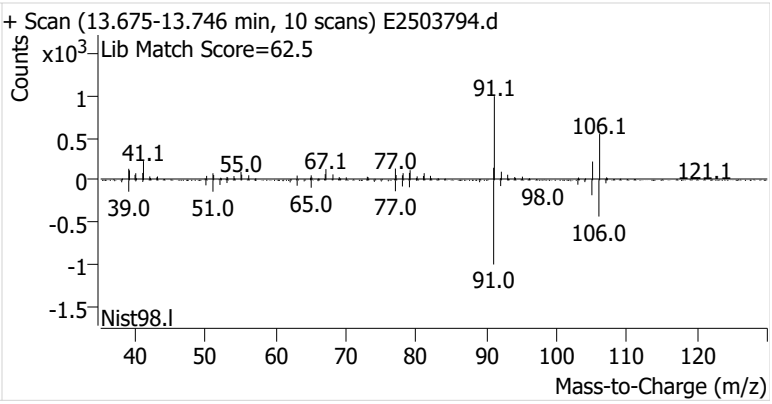
m-/p-Xylenes





o-Xylene


+ EIC (91.1) Scan E2503794.d
Counts
x10^4
13.711 min.
1.2
1
0.8
0.6
0.4
0.2
0
13.3
13.4
13.5
13.6
13.7
13.8
13.9
14
14.1
Acquisition Time (min)


+ Scan (13.675-13.746 min, 10 scans) E2503794.d
Counts
x10^3
Lib Match Score=62.5
91.1
106.1
41.1
55.0
67.1
77.0
121.1
98.0
39.0
51.0
65.0
77.0
106.0
91.0
1
0.5
0
-0.5
-1
-1.5
Nist98.l
40
50
60
70
80
90
100
110
120
Mass-to-Charge (m/z)

Initial Calibration

Enthalpy Analytical

Company: Power Engineers, Inc.
Job No.: 2025FW307-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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: Power Engineers, Inc.
Job No.: 2025FW307-1 EPA Method 325B Analysis
Site: Portland Pipeline - S Portland, ME

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.20250917

Sample Custody

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

ENTHALPY ANALYTICAL

2025FW307 **Page #1 of #2**

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	**Client Name:**	Portland Pipe Line	**PO#:**	
Site Address:		**Project Number:**		**Sample Event #**	
City:		**Project Manager:**	Tom Rolfson	**Sorbent:**	
State		**Email Address:**	tom.rolfson@powererg.com		
Zip:		**Telephone #:**			

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)
6	B46695	sample	9/10/25	10:39 AM	9/24/25	10:34 AM	JB / JB		
5	C43615	sample	9/10/25	10:44 AM	9/24/25	10:39 AM	JB / JB		
4	C39120	sample	9/10/25	10:49 AM	9/24/25	10:43 AM	JB / JB		
3	C37490	sample	9/10/25	10:53 AM	9/24/25	10:48 AM	JB / JB		
2	C57518	sample	9/10/25	10:58 AM	9/24/25	10:52 AM	JB / JB		
1	C43374	sample	9/10/25	11:01 AM	9/24/25	10:55 AM	JB / JB		
1	B31775	blank	9/10/25	11:01 AM	9/24/25	10:55 AM	JB / JB		
13	C01325	sample	9/10/25	11:06 AM	9/24/25	11:00 AM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	9/24/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
David Taylor		9/26/25	11:00
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	BTEX	Y	
Ice Temp: / **Blank Temp:** 16.0 / FLUKE4		**Add Custody Seal # below:** 24G09337	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

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

ENTHALPY ANALYTICAL

2025FW307 Page # 2 of # 2

☑ Standard Turn Around Time (7 business days)
☐ Rush Turn Around Time
• All TATs Subject to Approval by Enthalpy Analytical, LLC
• Unless otherwise specified, sample tubes will be conditioned for re-use 3 business days after submission of results

Site Name:	South Portland Terminal	Client Name:	Portland Pipe Line	PO#:	
Site Address:		Project Number:		Sample Event #:	
City:		Project Manager:	Tom Rolfson	Sorbent:	
State		Email Address:	tom.rolfson@powererg.com		
Zip:		Telephone #:			

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)
12	B48043	sample	9/10/25	11:14 AM	9/24/25	11:07 AM	JB / JB		
11	C35757	sample	9/10/25	11:18 AM	9/24/25	11:11 AM	JB / JB		
10	C57405	sample	9/10/25	11:23 AM	9/24/25	11:16 AM	JB / JB		
9	C70602	sample	9/10/25	11:27 AM	9/24/25	11:20 AM	JB / JB		
8	C17183	sample	9/10/25	11:33 AM	9/24/25	11:26 AM	JB / JB		
8	C36933	duplicate	9/10/25	11:33 AM	9/24/25	11:26 AM	JB / JB		
7	C40194	sample	9/10/25	11:37 AM	9/24/25	11:30 AM	JB / JB		

Relinquished By (printed):	Relinquished By (signature):	Relinquished Date:	Relinquished Time:
Jen Bowidowicz	Jennifer Bowidowicz	9/24/2025	
Recieved By (printed):	**Recieved By (signature):**	**Receipt Date:**	**Receipt Time:**
David Taylor		9/26/25	11:00
Sample Condition Upon Receipt:	**Compound List:**	**Custody Seal intact? Y/N:**	**Delivery tracking #**
Good	BTEX	Y	
Ice Temp: / **Blank Temp:**	16.0 Fluke4	**Add Custody Seal # below:**	
		24609337	

Comments:

Please pull the ambient temp from the KPWM NOAA station. Thank you

800-1 Capitola Drive • Durham, NC 27713 • (919) 850-4392 • FAX (919) 850-9012 • www.enthalpy.com

This Is The Last Page Of This Report.