

Cover Page

Order ID : P5006

Project ID : 540 Degraw St, Brooklyn, NY - E9309

Client : ENTACT

Lab Sample Number

P5006-01
P5006-02
P5006-03
P5006-04
P5006-05
P5006-06
P5006-07
P5006-08
P5006-09
P5006-10
P5006-11
P5006-12
P5006-13
P5006-14
P5006-15
P5006-16
P5006-17
P5006-18

Client Sample Number

SPLP-C4-2
SPLP-C4-3
SPLP-C5-1
SPLP-C5-2
SPLP-C5-3
SPLP-C6-1
SPLP-C6-2
SPLP-C6-3
SPLP-C10-1
SPLP-C10-2
SPLP-C10-3
SPLP-C11-1
SPLP-C11-2
SPLP-C11-3
SPLP-C12-1
SPLP-C12-2
SPLP-C12-3
TW-WTS-02

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/6/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P5006

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAYUR DESAI

Date: 12/06/2024

LAB CHRONICLE

OrderID:	P5006	OrderDate:	11/26/2024 11:21:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5006-01	SPLP-C4-2	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/02/24	
P5006-01RE	SPLP-C4-2RE	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/03/24	
P5006-02	SPLP-C4-3	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/03/24	
P5006-03	SPLP-C5-1	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/03/24	
P5006-03RE	SPLP-C5-1RE	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/04/24	
P5006-04	SPLP-C5-2	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/04/24	
P5006-04RE	SPLP-C5-2RE	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/04/24	
P5006-05	SPLP-C5-3	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/03/24	
P5006-05RE	SPLP-C5-3RE	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/04/24	
P5006-06	SPLP-C6-1	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/03/24	
P5006-06RE	SPLP-C6-1RE	Water			11/25/24			11/26/24
			SPLP VOA	8260D			12/04/24	
P5006-07	SPLP-C6-2	Water			11/25/24			11/26/24

LAB CHRONICLE

			SPLP VOA	8260D	12/03/24	
P5006-08	SPLP-C6-3	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/03/24	
P5006-08RE	SPLP-C6-3RE	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/04/24	
P5006-09	SPLP-C10-1	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/03/24	
P5006-09DL	SPLP-C10-1DL	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/04/24	
P5006-10	SPLP-C10-2	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/03/24	
P5006-10DL	SPLP-C10-2DL	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/04/24	
P5006-11	SPLP-C10-3	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/03/24	
P5006-11DL	SPLP-C10-3DL	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/04/24	
P5006-12	SPLP-C11-1	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/03/24	
P5006-12DL	SPLP-C11-1DL	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/04/24	
P5006-13	SPLP-C11-2	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/03/24	
P5006-13RE	SPLP-C11-2RE	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/04/24	
P5006-14	SPLP-C11-3	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/03/24	
P5006-14RE	SPLP-C11-3RE	Water			11/25/24	11/26/24
			SPLP VOA	8260D	12/04/24	

LAB CHRONICLE

P5006-15	SPLP-C12-1	Water			11/25/24		11/26/24
			SPLP VOA	8260D		12/03/24	
P5006-15RE	SPLP-C12-1RE	Water			11/25/24		11/26/24
			SPLP VOA	8260D		12/04/24	
P5006-16	SPLP-C12-2	Water			11/25/24		11/26/24
			SPLP VOA	8260D		12/03/24	
P5006-16RE	SPLP-C12-2RE	Water			11/25/24		11/26/24
			SPLP VOA	8260D		12/04/24	
P5006-17	SPLP-C12-3	Water			11/25/24		11/26/24
			SPLP VOA	8260D		12/03/24	
P5006-17RE	SPLP-C12-3RE	Water			11/25/24		11/26/24
			SPLP VOA	8260D		12/04/24	
P5006-18	TW-WTS-02	Water			11/25/24		11/26/24
			VOCMS Group4	8260-Low		11/27/24	

Hit Summary Sheet SW-846

SDG No.: P5006

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	SPLP-C4-2							
P5006-01	SPLP-C4-2	WATER	Acetone	31.5		1.40	25.0	ug/L
P5006-01	SPLP-C4-2	WATER	cis-1,2-Dichloroethene	8.00		0.25	5.00	ug/L
P5006-01	SPLP-C4-2	WATER	Benzene	2.00	J	0.16	5.00	ug/L
P5006-01	SPLP-C4-2	WATER	Ethyl Benzene	6.70		0.16	5.00	ug/L
P5006-01	SPLP-C4-2	WATER	o-Xylene	1.90	J	0.14	5.00	ug/L
			Total Voc :	50.1				
			Total Concentration:	50.1				
Client ID:	SPLP-C4-2RE							
P5006-01RE	SPLP-C4-2RE	WATER	Acetone	29.4		1.40	25.0	ug/L
P5006-01RE	SPLP-C4-2RE	WATER	Methyl Acetate	1.00	J	0.60	5.00	ug/L
P5006-01RE	SPLP-C4-2RE	WATER	cis-1,2-Dichloroethene	7.80		0.25	5.00	ug/L
P5006-01RE	SPLP-C4-2RE	WATER	Benzene	2.10	J	0.16	5.00	ug/L
P5006-01RE	SPLP-C4-2RE	WATER	Ethyl Benzene	6.90		0.16	5.00	ug/L
P5006-01RE	SPLP-C4-2RE	WATER	o-Xylene	1.90	J	0.14	5.00	ug/L
			Total Voc :	49.1				
			Total Concentration:	49.1				
Client ID:	SPLP-C4-3							
P5006-02	SPLP-C4-3	WATER	Acetone	19.5	J	1.40	25.0	ug/L
P5006-02	SPLP-C4-3	WATER	cis-1,2-Dichloroethene	1.60	J	0.25	5.00	ug/L
P5006-02	SPLP-C4-3	WATER	Ethyl Benzene	3.10	J	0.16	5.00	ug/L
			Total Voc :	24.2				
			Total Concentration:	24.2				
Client ID:	SPLP-C5-1							
P5006-03	SPLP-C5-1	WATER	Acetone	42.4		1.40	25.0	ug/L
P5006-03	SPLP-C5-1	WATER	2-Butanone	6.40	J	1.30	25.0	ug/L
P5006-03	SPLP-C5-1	WATER	cis-1,2-Dichloroethene	9.70		0.25	5.00	ug/L
P5006-03	SPLP-C5-1	WATER	Benzene	3.10	J	0.16	5.00	ug/L
P5006-03	SPLP-C5-1	WATER	Toluene	1.40	J	0.18	5.00	ug/L
P5006-03	SPLP-C5-1	WATER	Ethyl Benzene	10.3		0.16	5.00	ug/L
P5006-03	SPLP-C5-1	WATER	m/p-Xylenes	3.30	J	0.31	10.0	ug/L
P5006-03	SPLP-C5-1	WATER	o-Xylene	4.20	J	0.14	5.00	ug/L
P5006-03	SPLP-C5-1	WATER	Isopropylbenzene	1.20	J	0.13	5.00	ug/L
			Total Voc :	82.0				
			Total Concentration:	82.0				
Client ID:	SPLP-C5-1RE							
P5006-03RE	SPLP-C5-1RE	WATER	Acetone	51.5		1.40	25.0	ug/L
P5006-03RE	SPLP-C5-1RE	WATER	2-Butanone	7.80	J	1.30	25.0	ug/L

Hit Summary Sheet SW-846

SDG No.: P5006

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5006-03RE	SPLP-C5-1RE	WATER	cis-1,2-Dichloroethene	11.0		0.25	5.00	ug/L
P5006-03RE	SPLP-C5-1RE	WATER	Benzene	3.30	J	0.16	5.00	ug/L
P5006-03RE	SPLP-C5-1RE	WATER	Toluene	1.50	J	0.18	5.00	ug/L
P5006-03RE	SPLP-C5-1RE	WATER	Ethyl Benzene	11.5		0.16	5.00	ug/L
P5006-03RE	SPLP-C5-1RE	WATER	m/p-Xylenes	3.60	J	0.31	10.0	ug/L
P5006-03RE	SPLP-C5-1RE	WATER	o-Xylene	4.40	J	0.14	5.00	ug/L
P5006-03RE	SPLP-C5-1RE	WATER	Isopropylbenzene	1.30	J	0.13	5.00	ug/L
Total Voc :				95.9				
Total Concentration:				95.9				
Client ID:	SPLP-C5-2							
P5006-04	SPLP-C5-2	WATER	Acetone	27.7		1.40	25.0	ug/L
P5006-04	SPLP-C5-2	WATER	Methyl Acetate	1.10	J	0.60	5.00	ug/L
P5006-04	SPLP-C5-2	WATER	cis-1,2-Dichloroethene	4.70	J	0.25	5.00	ug/L
P5006-04	SPLP-C5-2	WATER	Benzene	2.60	J	0.16	5.00	ug/L
P5006-04	SPLP-C5-2	WATER	Toluene	1.10	J	0.18	5.00	ug/L
P5006-04	SPLP-C5-2	WATER	Ethyl Benzene	12.7		0.16	5.00	ug/L
P5006-04	SPLP-C5-2	WATER	m/p-Xylenes	4.50	J	0.31	10.0	ug/L
P5006-04	SPLP-C5-2	WATER	o-Xylene	3.50	J	0.14	5.00	ug/L
P5006-04	SPLP-C5-2	WATER	Isopropylbenzene	1.50	J	0.13	5.00	ug/L
Total Voc :				59.4				
Total Concentration:				59.4				
Client ID:	SPLP-C5-2RE							
P5006-04RE	SPLP-C5-2RE	WATER	Acetone	31.0		1.40	25.0	ug/L
P5006-04RE	SPLP-C5-2RE	WATER	cis-1,2-Dichloroethene	4.90	J	0.25	5.00	ug/L
P5006-04RE	SPLP-C5-2RE	WATER	Benzene	2.60	J	0.16	5.00	ug/L
P5006-04RE	SPLP-C5-2RE	WATER	Toluene	1.20	J	0.18	5.00	ug/L
P5006-04RE	SPLP-C5-2RE	WATER	Ethyl Benzene	13.7		0.16	5.00	ug/L
P5006-04RE	SPLP-C5-2RE	WATER	m/p-Xylenes	4.80	J	0.31	10.0	ug/L
P5006-04RE	SPLP-C5-2RE	WATER	o-Xylene	3.70	J	0.14	5.00	ug/L
P5006-04RE	SPLP-C5-2RE	WATER	Isopropylbenzene	1.70	J	0.13	5.00	ug/L
Total Voc :				63.6				
Total Concentration:				63.6				
Client ID:	SPLP-C5-3							
P5006-05	SPLP-C5-3	WATER	Acetone	16.6	J	1.40	25.0	ug/L
P5006-05	SPLP-C5-3	WATER	cis-1,2-Dichloroethene	1.30	J	0.25	5.00	ug/L
P5006-05	SPLP-C5-3	WATER	Benzene	1.60	J	0.16	5.00	ug/L
P5006-05	SPLP-C5-3	WATER	Ethyl Benzene	43.5		0.16	5.00	ug/L
P5006-05	SPLP-C5-3	WATER	m/p-Xylenes	12.5		0.31	10.0	ug/L

Hit Summary Sheet
SW-846

SDG No.: P5006
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5006-05	SPLP-C5-3	WATER	o-Xylene	7.60		0.14	5.00	ug/L
P5006-05	SPLP-C5-3	WATER	Isopropylbenzene	5.20		0.13	5.00	ug/L
Total Voc :				88.3				
Total Concentration:				88.3				
Client ID:	SPLP-C5-3RE							
P5006-05RE	SPLP-C5-3RE	WATER	Acetone	17.6	J	1.40	25.0	ug/L
P5006-05RE	SPLP-C5-3RE	WATER	cis-1,2-Dichloroethene	1.10	J	0.25	5.00	ug/L
P5006-05RE	SPLP-C5-3RE	WATER	Benzene	1.60	J	0.16	5.00	ug/L
P5006-05RE	SPLP-C5-3RE	WATER	Ethyl Benzene	43.5		0.16	5.00	ug/L
P5006-05RE	SPLP-C5-3RE	WATER	m/p-Xylenes	12.1		0.31	10.0	ug/L
P5006-05RE	SPLP-C5-3RE	WATER	o-Xylene	7.60		0.14	5.00	ug/L
P5006-05RE	SPLP-C5-3RE	WATER	Isopropylbenzene	5.60		0.13	5.00	ug/L
Total Voc :				89.1				
Total Concentration:				89.1				
Client ID:	SPLP-C6-1							
P5006-06	SPLP-C6-1	WATER	Acetone	22.7	J	1.40	25.0	ug/L
P5006-06	SPLP-C6-1	WATER	cis-1,2-Dichloroethene	3.80	J	0.25	5.00	ug/L
P5006-06	SPLP-C6-1	WATER	Ethyl Benzene	2.10	J	0.16	5.00	ug/L
Total Voc :				28.6				
Total Concentration:				28.6				
Client ID:	SPLP-C6-1RE							
P5006-06RE	SPLP-C6-1RE	WATER	Acetone	26.7		1.40	25.0	ug/L
P5006-06RE	SPLP-C6-1RE	WATER	cis-1,2-Dichloroethene	3.80	J	0.25	5.00	ug/L
P5006-06RE	SPLP-C6-1RE	WATER	Ethyl Benzene	2.20	J	0.16	5.00	ug/L
Total Voc :				32.7				
Total Concentration:				32.7				
Client ID:	SPLP-C6-2							
P5006-07	SPLP-C6-2	WATER	Acetone	17.8	J	1.40	25.0	ug/L
P5006-07	SPLP-C6-2	WATER	Ethyl Benzene	3.50	J	0.16	5.00	ug/L
P5006-07	SPLP-C6-2	WATER	o-Xylene	1.10	J	0.14	5.00	ug/L
Total Voc :				22.4				
Total Concentration:				22.4				
Client ID:	SPLP-C6-3							
P5006-08	SPLP-C6-3	WATER	Acetone	17.5	J	1.40	25.0	ug/L
P5006-08	SPLP-C6-3	WATER	cis-1,2-Dichloroethene	1.00	J	0.25	5.00	ug/L
P5006-08	SPLP-C6-3	WATER	Ethyl Benzene	8.50		0.16	5.00	ug/L
P5006-08	SPLP-C6-3	WATER	o-Xylene	1.90	J	0.14	5.00	ug/L
P5006-08	SPLP-C6-3	WATER	Isopropylbenzene	1.20	J	0.13	5.00	ug/L
Total Voc :				30.1				

Hit Summary Sheet
SW-846

SDG No.: P5006

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				30.1				
Client ID:	SPLP-C6-3RE							
P5006-08RE	SPLP-C6-3RE	WATER	Acetone	20.5	J	1.40	25.0	ug/L
P5006-08RE	SPLP-C6-3RE	WATER	cis-1,2-Dichloroethene	1.00	J	0.25	5.00	ug/L
P5006-08RE	SPLP-C6-3RE	WATER	Ethyl Benzene	9.00		0.16	5.00	ug/L
P5006-08RE	SPLP-C6-3RE	WATER	m/p-Xylenes	2.20	J	0.31	10.0	ug/L
P5006-08RE	SPLP-C6-3RE	WATER	o-Xylene	2.20	J	0.14	5.00	ug/L
P5006-08RE	SPLP-C6-3RE	WATER	Isopropylbenzene	1.20	J	0.13	5.00	ug/L
Total Voc :				36.1				
Total Concentration:				36.1				
Client ID:	SPLP-C10-1							
P5006-09	SPLP-C10-1	WATER	Acetone	21.6	J	1.40	25.0	ug/L
P5006-09	SPLP-C10-1	WATER	cis-1,2-Dichloroethene	6.20		0.25	5.00	ug/L
P5006-09	SPLP-C10-1	WATER	Benzene	23.8		0.16	5.00	ug/L
P5006-09	SPLP-C10-1	WATER	Trichloroethene	1.30	J	0.32	5.00	ug/L
P5006-09	SPLP-C10-1	WATER	Toluene	80.3		0.18	5.00	ug/L
P5006-09	SPLP-C10-1	WATER	Ethyl Benzene	210	E	0.16	5.00	ug/L
P5006-09	SPLP-C10-1	WATER	m/p-Xylenes	80.4		0.31	10.0	ug/L
P5006-09	SPLP-C10-1	WATER	o-Xylene	62.8		0.14	5.00	ug/L
P5006-09	SPLP-C10-1	WATER	Isopropylbenzene	9.70		0.13	5.00	ug/L
Total Voc :				496				
Total Concentration:				496				
Client ID:	SPLP-C10-1DL							
P5006-09DL	SPLP-C10-1DL	WATER	Acetone	27.5	JD	7.00	130	ug/L
P5006-09DL	SPLP-C10-1DL	WATER	cis-1,2-Dichloroethene	6.10	JD	1.30	25.0	ug/L
P5006-09DL	SPLP-C10-1DL	WATER	Benzene	24.0	JD	0.80	25.0	ug/L
P5006-09DL	SPLP-C10-1DL	WATER	Toluene	81.2	D	0.90	25.0	ug/L
P5006-09DL	SPLP-C10-1DL	WATER	Ethyl Benzene	210	D	0.80	25.0	ug/L
P5006-09DL	SPLP-C10-1DL	WATER	m/p-Xylenes	83.1	D	1.60	50.0	ug/L
P5006-09DL	SPLP-C10-1DL	WATER	o-Xylene	62.9	D	0.70	25.0	ug/L
P5006-09DL	SPLP-C10-1DL	WATER	Isopropylbenzene	10.6	JD	0.65	25.0	ug/L
Total Voc :				505				
Total Concentration:				505				
Client ID:	SPLP-C10-2							
P5006-10	SPLP-C10-2	WATER	Vinyl Chloride	1.50	J	0.34	5.00	ug/L
P5006-10	SPLP-C10-2	WATER	Acetone	23.1	J	1.40	25.0	ug/L
P5006-10	SPLP-C10-2	WATER	cis-1,2-Dichloroethene	24.6		0.25	5.00	ug/L
P5006-10	SPLP-C10-2	WATER	Benzene	160	E	0.16	5.00	ug/L

Hit Summary Sheet

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SDG No.: P5006

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5006-10	SPLP-C10-2	WATER	Toluene	320	E	0.18	5.00	ug/L
P5006-10	SPLP-C10-2	WATER	Ethyl Benzene	590	E	0.16	5.00	ug/L
P5006-10	SPLP-C10-2	WATER	m/p-Xylenes	230		0.31	10.0	ug/L
P5006-10	SPLP-C10-2	WATER	o-Xylene	160	E	0.14	5.00	ug/L
P5006-10	SPLP-C10-2	WATER	Isopropylbenzene	23.4		0.13	5.00	ug/L
			Total Voc :	1530				
			Total Concentration:	1530				
Client ID:	SPLP-C10-2DL							
P5006-10DL	SPLP-C10-2DL	WATER	cis-1,2-Dichloroethene	22.2	JD	5.00	100	ug/L
P5006-10DL	SPLP-C10-2DL	WATER	Benzene	160	D	3.20	100	ug/L
P5006-10DL	SPLP-C10-2DL	WATER	Toluene	310	D	3.60	100	ug/L
P5006-10DL	SPLP-C10-2DL	WATER	Ethyl Benzene	570	D	3.20	100	ug/L
P5006-10DL	SPLP-C10-2DL	WATER	m/p-Xylenes	220	D	6.20	200	ug/L
P5006-10DL	SPLP-C10-2DL	WATER	o-Xylene	160	D	2.80	100	ug/L
P5006-10DL	SPLP-C10-2DL	WATER	Isopropylbenzene	24.3	JD	2.60	100	ug/L
			Total Voc :	1470				
			Total Concentration:	1470				
Client ID:	SPLP-C10-3							
P5006-11	SPLP-C10-3	WATER	Acetone	15.1	J	1.40	25.0	ug/L
P5006-11	SPLP-C10-3	WATER	cis-1,2-Dichloroethene	7.60		0.25	5.00	ug/L
P5006-11	SPLP-C10-3	WATER	Benzene	77.6		0.16	5.00	ug/L
P5006-11	SPLP-C10-3	WATER	Toluene	170	E	0.18	5.00	ug/L
P5006-11	SPLP-C10-3	WATER	Ethyl Benzene	540	E	0.16	5.00	ug/L
P5006-11	SPLP-C10-3	WATER	m/p-Xylenes	180		0.31	10.0	ug/L
P5006-11	SPLP-C10-3	WATER	o-Xylene	130		0.14	5.00	ug/L
P5006-11	SPLP-C10-3	WATER	Isopropylbenzene	24.3		0.13	5.00	ug/L
			Total Voc :	1140				
			Total Concentration:	1140				
Client ID:	SPLP-C10-3DL							
P5006-11DL	SPLP-C10-3DL	WATER	Benzene	72.8	JD	3.20	100	ug/L
P5006-11DL	SPLP-C10-3DL	WATER	Toluene	150	D	3.60	100	ug/L
P5006-11DL	SPLP-C10-3DL	WATER	Ethyl Benzene	480	D	3.20	100	ug/L
P5006-11DL	SPLP-C10-3DL	WATER	m/p-Xylenes	160	JD	6.20	200	ug/L
P5006-11DL	SPLP-C10-3DL	WATER	o-Xylene	120	D	2.80	100	ug/L
P5006-11DL	SPLP-C10-3DL	WATER	Isopropylbenzene	23.2	JD	2.60	100	ug/L
			Total Voc :	1010				
			Total Concentration:	1010				
Client ID:	SPLP-C11-1							

Hit Summary Sheet
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SDG No.: P5006

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5006-12	SPLP-C11-1	WATER	Acetone	16.1	J	1.40	25.0	ug/L
P5006-12	SPLP-C11-1	WATER	cis-1,2-Dichloroethene	1.40	J	0.25	5.00	ug/L
P5006-12	SPLP-C11-1	WATER	Benzene	19.9		0.16	5.00	ug/L
P5006-12	SPLP-C11-1	WATER	Toluene	16.9		0.18	5.00	ug/L
P5006-12	SPLP-C11-1	WATER	Ethyl Benzene	180	E	0.16	5.00	ug/L
P5006-12	SPLP-C11-1	WATER	m/p-Xylenes	37.6		0.31	10.0	ug/L
P5006-12	SPLP-C11-1	WATER	o-Xylene	43.2		0.14	5.00	ug/L
P5006-12	SPLP-C11-1	WATER	Isopropylbenzene	13.5		0.13	5.00	ug/L
Total Voc :				329				
Total Concentration:				329				
Client ID:	SPLP-C11-1DL							
P5006-12DL	SPLP-C11-1DL	WATER	Acetone	22.2	JD	7.00	130	ug/L
P5006-12DL	SPLP-C11-1DL	WATER	Benzene	20.3	JD	0.80	25.0	ug/L
P5006-12DL	SPLP-C11-1DL	WATER	Toluene	17.3	JD	0.90	25.0	ug/L
P5006-12DL	SPLP-C11-1DL	WATER	Ethyl Benzene	180	D	0.80	25.0	ug/L
P5006-12DL	SPLP-C11-1DL	WATER	m/p-Xylenes	37.1	JD	1.60	50.0	ug/L
P5006-12DL	SPLP-C11-1DL	WATER	o-Xylene	44.9	D	0.70	25.0	ug/L
P5006-12DL	SPLP-C11-1DL	WATER	Isopropylbenzene	15.9	JD	0.65	25.0	ug/L
Total Voc :				338				
Total Concentration:				338				
Client ID:	SPLP-C11-2							
P5006-13	SPLP-C11-2	WATER	Acetone	19.2	J	1.40	25.0	ug/L
P5006-13	SPLP-C11-2	WATER	cis-1,2-Dichloroethene	1.10	J	0.25	5.00	ug/L
P5006-13	SPLP-C11-2	WATER	Benzene	15.6		0.16	5.00	ug/L
P5006-13	SPLP-C11-2	WATER	Toluene	12.0		0.18	5.00	ug/L
P5006-13	SPLP-C11-2	WATER	Ethyl Benzene	140		0.16	5.00	ug/L
P5006-13	SPLP-C11-2	WATER	m/p-Xylenes	28.7		0.31	10.0	ug/L
P5006-13	SPLP-C11-2	WATER	o-Xylene	32.5		0.14	5.00	ug/L
P5006-13	SPLP-C11-2	WATER	Isopropylbenzene	11.4		0.13	5.00	ug/L
Total Voc :				261				
Total Concentration:				261				
Client ID:	SPLP-C11-2RE							
P5006-13RE	SPLP-C11-2RE	WATER	Acetone	20.2	J	1.40	25.0	ug/L
P5006-13RE	SPLP-C11-2RE	WATER	cis-1,2-Dichloroethene	1.20	J	0.25	5.00	ug/L
P5006-13RE	SPLP-C11-2RE	WATER	Benzene	16.6		0.16	5.00	ug/L
P5006-13RE	SPLP-C11-2RE	WATER	Toluene	12.3		0.18	5.00	ug/L
P5006-13RE	SPLP-C11-2RE	WATER	Ethyl Benzene	150		0.16	5.00	ug/L
P5006-13RE	SPLP-C11-2RE	WATER	m/p-Xylenes	30.4		0.31	10.0	ug/L

Hit Summary Sheet
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SDG No.: P5006

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5006-13RE	SPLP-C11-2RE	WATER	o-Xylene	33.8		0.14	5.00	ug/L
P5006-13RE	SPLP-C11-2RE	WATER	Isopropylbenzene	12.0		0.13	5.00	ug/L
Total Voc :				277				
Total Concentration:				277				
Client ID:	SPLP-C11-3							
P5006-14	SPLP-C11-3	WATER	Acetone	17.8	J	1.40	25.0	ug/L
P5006-14	SPLP-C11-3	WATER	Benzene	2.50	J	0.16	5.00	ug/L
P5006-14	SPLP-C11-3	WATER	Toluene	2.60	J	0.18	5.00	ug/L
P5006-14	SPLP-C11-3	WATER	Ethyl Benzene	45.9		0.16	5.00	ug/L
P5006-14	SPLP-C11-3	WATER	m/p-Xylenes	9.70	J	0.31	10.0	ug/L
P5006-14	SPLP-C11-3	WATER	o-Xylene	10.8		0.14	5.00	ug/L
P5006-14	SPLP-C11-3	WATER	Isopropylbenzene	4.40	J	0.13	5.00	ug/L
Total Voc :				93.7				
Total Concentration:				93.7				
Client ID:	SPLP-C11-3RE							
P5006-14RE	SPLP-C11-3RE	WATER	Acetone	17.5	J	1.40	25.0	ug/L
P5006-14RE	SPLP-C11-3RE	WATER	Benzene	2.50	J	0.16	5.00	ug/L
P5006-14RE	SPLP-C11-3RE	WATER	Toluene	2.40	J	0.18	5.00	ug/L
P5006-14RE	SPLP-C11-3RE	WATER	Ethyl Benzene	44.8		0.16	5.00	ug/L
P5006-14RE	SPLP-C11-3RE	WATER	m/p-Xylenes	8.90	J	0.31	10.0	ug/L
P5006-14RE	SPLP-C11-3RE	WATER	o-Xylene	10.5		0.14	5.00	ug/L
P5006-14RE	SPLP-C11-3RE	WATER	Isopropylbenzene	4.30	J	0.13	5.00	ug/L
Total Voc :				90.9				
Total Concentration:				90.9				
Client ID:	SPLP-C12-1							
P5006-15	SPLP-C12-1	WATER	Acetone	31.7		1.40	25.0	ug/L
P5006-15	SPLP-C12-1	WATER	cis-1,2-Dichloroethene	2.60	J	0.25	5.00	ug/L
P5006-15	SPLP-C12-1	WATER	Benzene	2.20	J	0.16	5.00	ug/L
P5006-15	SPLP-C12-1	WATER	Toluene	2.50	J	0.18	5.00	ug/L
P5006-15	SPLP-C12-1	WATER	Ethyl Benzene	21.4		0.16	5.00	ug/L
P5006-15	SPLP-C12-1	WATER	m/p-Xylenes	6.50	J	0.31	10.0	ug/L
P5006-15	SPLP-C12-1	WATER	o-Xylene	7.90		0.14	5.00	ug/L
P5006-15	SPLP-C12-1	WATER	Isopropylbenzene	2.00	J	0.13	5.00	ug/L
Total Voc :				76.8				
Total Concentration:				76.8				
Client ID:	SPLP-C12-1RE							
P5006-15RE	SPLP-C12-1RE	WATER	Acetone	33.1		1.40	25.0	ug/L
P5006-15RE	SPLP-C12-1RE	WATER	cis-1,2-Dichloroethene	2.70	J	0.25	5.00	ug/L

Hit Summary Sheet
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SDG No.: P5006
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P5006-15RE	SPLP-C12-1RE	WATER	Benzene	2.20	J	0.16	5.00	ug/L
P5006-15RE	SPLP-C12-1RE	WATER	Toluene	2.50	J	0.18	5.00	ug/L
P5006-15RE	SPLP-C12-1RE	WATER	Ethyl Benzene	21.4		0.16	5.00	ug/L
P5006-15RE	SPLP-C12-1RE	WATER	m/p-Xylenes	6.20	J	0.31	10.0	ug/L
P5006-15RE	SPLP-C12-1RE	WATER	o-Xylene	7.40		0.14	5.00	ug/L
P5006-15RE	SPLP-C12-1RE	WATER	Isopropylbenzene	2.20	J	0.13	5.00	ug/L
Total Voc :				77.7				
Total Concentration:				77.7				
Client ID:	SPLP-C12-2							
P5006-16	SPLP-C12-2	WATER	Acetone	19.9	J	1.40	25.0	ug/L
P5006-16	SPLP-C12-2	WATER	cis-1,2-Dichloroethene	1.50	J	0.25	5.00	ug/L
P5006-16	SPLP-C12-2	WATER	Benzene	4.40	J	0.16	5.00	ug/L
P5006-16	SPLP-C12-2	WATER	Toluene	11.1		0.18	5.00	ug/L
P5006-16	SPLP-C12-2	WATER	Ethyl Benzene	88.4		0.16	5.00	ug/L
P5006-16	SPLP-C12-2	WATER	m/p-Xylenes	26.1		0.31	10.0	ug/L
P5006-16	SPLP-C12-2	WATER	o-Xylene	26.0		0.14	5.00	ug/L
P5006-16	SPLP-C12-2	WATER	Isopropylbenzene	7.00		0.13	5.00	ug/L
Total Voc :				184				
Total Concentration:				184				
Client ID:	SPLP-C12-2RE							
P5006-16RE	SPLP-C12-2RE	WATER	Acetone	22.0	J	1.40	25.0	ug/L
P5006-16RE	SPLP-C12-2RE	WATER	cis-1,2-Dichloroethene	1.50	J	0.25	5.00	ug/L
P5006-16RE	SPLP-C12-2RE	WATER	Benzene	4.50	J	0.16	5.00	ug/L
P5006-16RE	SPLP-C12-2RE	WATER	Toluene	11.9		0.18	5.00	ug/L
P5006-16RE	SPLP-C12-2RE	WATER	Ethyl Benzene	92.5		0.16	5.00	ug/L
P5006-16RE	SPLP-C12-2RE	WATER	m/p-Xylenes	26.9		0.31	10.0	ug/L
P5006-16RE	SPLP-C12-2RE	WATER	o-Xylene	27.1		0.14	5.00	ug/L
P5006-16RE	SPLP-C12-2RE	WATER	Isopropylbenzene	7.50		0.13	5.00	ug/L
Total Voc :				194				
Total Concentration:				194				
Client ID:	SPLP-C12-3							
P5006-17	SPLP-C12-3	WATER	Acetone	11.4	J	1.40	25.0	ug/L
P5006-17	SPLP-C12-3	WATER	Benzene	3.20	J	0.16	5.00	ug/L
P5006-17	SPLP-C12-3	WATER	Toluene	8.10		0.18	5.00	ug/L
P5006-17	SPLP-C12-3	WATER	Ethyl Benzene	65.0		0.16	5.00	ug/L
P5006-17	SPLP-C12-3	WATER	m/p-Xylenes	19.1		0.31	10.0	ug/L
P5006-17	SPLP-C12-3	WATER	o-Xylene	18.3		0.14	5.00	ug/L
P5006-17	SPLP-C12-3	WATER	Isopropylbenzene	5.10		0.13	5.00	ug/L

Hit Summary Sheet
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SDG No.: P5006

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Voc :				130				
Total Concentration:				130				
Client ID:	SPLP-C12-3RE							
P5006-17RE	SPLP-C12-3RE	WATER	Acetone	14.1	J	1.40	25.0	ug/L
P5006-17RE	SPLP-C12-3RE	WATER	Benzene	3.50	J	0.16	5.00	ug/L
P5006-17RE	SPLP-C12-3RE	WATER	Toluene	9.10		0.18	5.00	ug/L
P5006-17RE	SPLP-C12-3RE	WATER	Ethyl Benzene	75.9		0.16	5.00	ug/L
P5006-17RE	SPLP-C12-3RE	WATER	m/p-Xylenes	21.2		0.31	10.0	ug/L
P5006-17RE	SPLP-C12-3RE	WATER	o-Xylene	20.8		0.14	5.00	ug/L
P5006-17RE	SPLP-C12-3RE	WATER	Isopropylbenzene	6.30		0.13	5.00	ug/L
Total Voc :				151				
Total Concentration:				151				



QC SUMMARY

Surrogate Summary

SDG No.: **P5006**

Client: **ENTACT**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5006-01	SPLP-C4-2	1,2-Dichloroethane-d4	50	53.8	108	70 (74)	130 (125)
		Dibromofluoromethane	50	35.6	71	70 (75)	130 (124)
		Toluene-d8	50	51.4	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.3	109	70 (77)	130 (121)
P5006-01RE	SPLP-C4-2RE	1,2-Dichloroethane-d4	50	51.1	102	70 (74)	130 (125)
		Dibromofluoromethane	50	37.2	74	70 (75)	130 (124)
		Toluene-d8	50	48.1	96	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.4	97	70 (77)	130 (121)
P5006-02	SPLP-C4-3	1,2-Dichloroethane-d4	50	53.3	107	70 (74)	130 (125)
		Dibromofluoromethane	50	38.5	77	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.0	106	70 (77)	130 (121)
P5006-03	SPLP-C5-1	1,2-Dichloroethane-d4	50	51.8	104	70 (74)	130 (125)
		Dibromofluoromethane	50	35.8	72	70 (75)	130 (124)
		Toluene-d8	50	49.8	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.5	101	70 (77)	130 (121)
P5006-03RE	SPLP-C5-1RE	1,2-Dichloroethane-d4	50	51.8	104	70 (74)	130 (125)
		Dibromofluoromethane	50	32.9	66 *	70 (75)	130 (124)
		Toluene-d8	50	49.7	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.9	104	70 (77)	130 (121)
P5006-04	SPLP-C5-2	1,2-Dichloroethane-d4	50	51.2	102	70 (74)	130 (125)
		Dibromofluoromethane	50	34.3	69 *	70 (75)	130 (124)
		Toluene-d8	50	49.2	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.5	103	70 (77)	130 (121)
P5006-04RE	SPLP-C5-2RE	1,2-Dichloroethane-d4	50	52.4	105	70 (74)	130 (125)
		Dibromofluoromethane	50	35.0	70	70 (75)	130 (124)
		Toluene-d8	50	49.8	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.1	96	70 (77)	130 (121)
P5006-05	SPLP-C5-3	1,2-Dichloroethane-d4	50	53.4	107	70 (74)	130 (125)
		Dibromofluoromethane	50	37.2	74	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.4	107	70 (77)	130 (121)
P5006-05RE	SPLP-C5-3RE	1,2-Dichloroethane-d4	50	52.3	105	70 (74)	130 (125)
		Dibromofluoromethane	50	35.1	70	70 (75)	130 (124)
		Toluene-d8	50	49.8	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.9	102	70 (77)	130 (121)
P5006-06	SPLP-C6-1	1,2-Dichloroethane-d4	50	52.4	105	70 (74)	130 (125)
		Dibromofluoromethane	50	36.5	73	70 (75)	130 (124)
		Toluene-d8	50	50.7	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.1	100	70 (77)	130 (121)
P5006-06RE	SPLP-C6-1RE	1,2-Dichloroethane-d4	50	53.6	107	70 (74)	130 (125)
		Dibromofluoromethane	50	34.4	69 *	70 (75)	130 (124)
		Toluene-d8	50	48.8	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.2	98	70 (77)	130 (121)
P5006-07	SPLP-C6-2	1,2-Dichloroethane-d4	50	53.4	107	70 (74)	130 (125)
		Dibromofluoromethane	50	38.0	76	70 (75)	130 (124)
		Toluene-d8	50	50.6	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.2	104	70 (77)	130 (121)
P5006-08	SPLP-C6-3	1,2-Dichloroethane-d4	50	52.4	105	70 (74)	130 (125)
		Dibromofluoromethane	50	37.1	74	70 (75)	130 (124)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: **P5006**

Client: **ENTACT**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5006-08	SPLP-C6-3	Toluene-d8	50	49.4	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105	70 (77)	130 (121)
P5006-08RE	SPLP-C6-3RE	1,2-Dichloroethane-d4	50	52.5	105	70 (74)	130 (125)
		Dibromofluoromethane	50	34.7	69 *	70 (75)	130 (124)
		Toluene-d8	50	49.7	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.9	104	70 (77)	130 (121)
P5006-09	SPLP-C10-1	1,2-Dichloroethane-d4	50	52.3	105	70 (74)	130 (125)
		Dibromofluoromethane	50	36.8	74	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.1	102	70 (77)	130 (121)
P5006-09DL	SPLP-C10-1DL	1,2-Dichloroethane-d4	50	52.5	105	70 (74)	130 (125)
		Dibromofluoromethane	50	45.4	91	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.9	100	70 (77)	130 (121)
P5006-10	SPLP-C10-2	1,2-Dichloroethane-d4	50	52.3	105	70 (74)	130 (125)
		Dibromofluoromethane	50	35.0	70	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.5	105	70 (77)	130 (121)
P5006-10DL	SPLP-C10-2DL	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	46.2	92	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.0	102	70 (77)	130 (121)
P5006-11	SPLP-C10-3	1,2-Dichloroethane-d4	50	51.7	103	70 (74)	130 (125)
		Dibromofluoromethane	50	37.6	75	70 (75)	130 (124)
		Toluene-d8	50	49.7	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.4	101	70 (77)	130 (121)
P5006-11DL	SPLP-C10-3DL	1,2-Dichloroethane-d4	50	53.0	106	70 (74)	130 (125)
		Dibromofluoromethane	50	45.1	90	70 (75)	130 (124)
		Toluene-d8	50	49.5	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.4	101	70 (77)	130 (121)
P5006-12	SPLP-C11-1	1,2-Dichloroethane-d4	50	52.1	104	70 (74)	130 (125)
		Dibromofluoromethane	50	34.0	68 *	70 (75)	130 (124)
		Toluene-d8	50	50.6	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.7	111	70 (77)	130 (121)
P5006-12DL	SPLP-C11-1DL	1,2-Dichloroethane-d4	50	52.9	106	70 (74)	130 (125)
		Dibromofluoromethane	50	44.7	89	70 (75)	130 (124)
		Toluene-d8	50	49.9	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.9	102	70 (77)	130 (121)
P5006-13	SPLP-C11-2	1,2-Dichloroethane-d4	50	53.6	107	70 (74)	130 (125)
		Dibromofluoromethane	50	36.4	73	70 (75)	130 (124)
		Toluene-d8	50	50.3	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.4	109	70 (77)	130 (121)
P5006-13RE	SPLP-C11-2RE	1,2-Dichloroethane-d4	50	52.1	104	70 (74)	130 (125)
		Dibromofluoromethane	50	35.7	71	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.7	105	70 (77)	130 (121)
P5006-14	SPLP-C11-3	1,2-Dichloroethane-d4	50	52.4	105	70 (74)	130 (125)
		Dibromofluoromethane	50	36.0	72	70 (75)	130 (124)
		Toluene-d8	50	50.2	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.7	105	70 (77)	130 (121)

Surrogate Summary

SDG No.: **P5006**

Client: **ENTACT**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
P5006-14RE	SPLP-C11-3RE	1,2-Dichloroethane-d4	50	51.5	103	70 (74)	130 (125)
		Dibromofluoromethane	50	35.4	71	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.7	107	70 (77)	130 (121)
P5006-15	SPLP-C12-1	1,2-Dichloroethane-d4	50	53.8	108	70 (74)	130 (125)
		Dibromofluoromethane	50	33.5	67 *	70 (75)	130 (124)
		Toluene-d8	50	50.3	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.8	106	70 (77)	130 (121)
P5006-15RE	SPLP-C12-1RE	1,2-Dichloroethane-d4	50	53.9	108	70 (74)	130 (125)
		Dibromofluoromethane	50	32.3	65 *	70 (75)	130 (124)
		Toluene-d8	50	49.5	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.3	103	70 (77)	130 (121)
P5006-16	SPLP-C12-2	1,2-Dichloroethane-d4	50	53.9	108	70 (74)	130 (125)
		Dibromofluoromethane	50	33.2	66 *	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.8	104	70 (77)	130 (121)
P5006-16RE	SPLP-C12-2RE	1,2-Dichloroethane-d4	50	53.6	107	70 (74)	130 (125)
		Dibromofluoromethane	50	33.1	66 *	70 (75)	130 (124)
		Toluene-d8	50	50.6	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.8	102	70 (77)	130 (121)
P5006-17	SPLP-C12-3	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	36.6	73	70 (75)	130 (124)
		Toluene-d8	50	50.3	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.6	107	70 (77)	130 (121)
P5006-17RE	SPLP-C12-3RE	1,2-Dichloroethane-d4	50	51.0	102	70 (74)	130 (125)
		Dibromofluoromethane	50	37.0	74	70 (75)	130 (124)
		Toluene-d8	50	49.0	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.5	99	70 (77)	130 (121)

Surrogate Summary

SDG No.: **P5006**

Client: **ENTACT**

Analytical Method: **SW8260-Low**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VX1202WBL01	VX1202WBL01	1,2-Dichloroethane-d4	50	49.6	99	70 (74)	130 (125)
		Dibromofluoromethane	50	47.3	95	70 (75)	130 (124)
		Toluene-d8	50	48.6	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.5	93	70 (77)	130 (121)
VX1202WBS01	VX1202WBS01	1,2-Dichloroethane-d4	50	54.9	110	70 (74)	130 (125)
		Dibromofluoromethane	50	53.7	107	70 (75)	130 (124)
		Toluene-d8	50	50.8	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.8	105	70 (77)	130 (121)
VX1202WBSD0	VX1202WBSD01	1,2-Dichloroethane-d4	50	55.6	111	70 (74)	130 (125)
		Dibromofluoromethane	50	54.7	109	70 (75)	130 (124)
		Toluene-d8	50	53.5	107	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.0	110	70 (77)	130 (121)
VX1203WBL01	VX1203WBL01	1,2-Dichloroethane-d4	50	52.6	105	70 (74)	130 (125)
		Dibromofluoromethane	50	46.5	93	70 (75)	130 (124)
		Toluene-d8	50	49.5	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.5	99	70 (77)	130 (121)
VX1203WBS01	VX1203WBS01	1,2-Dichloroethane-d4	50	50.7	101	70 (74)	130 (125)
		Dibromofluoromethane	50	49.8	100	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.6	103	70 (77)	130 (121)
VX1204WBL01	VX1204WBL01	1,2-Dichloroethane-d4	50	52.1	104	70 (74)	130 (125)
		Dibromofluoromethane	50	46.1	92	70 (75)	130 (124)
		Toluene-d8	50	49.2	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.7	97	70 (77)	130 (121)
VX1204WBS01	VX1204WBS01	1,2-Dichloroethane-d4	50	56.1	112	70 (74)	130 (125)
		Dibromofluoromethane	50	51.6	103	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.5	105	70 (77)	130 (121)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5006

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044055.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1202WBS01	Dichlorodifluoromethane	20	17.6	ug/L	88			40 (69)	160 (116)	
	Chloromethane	20	16.9	ug/L	85			40 (65)	160 (116)	
	Vinyl chloride	20	17.1	ug/L	86			70 (65)	130 (117)	
	Bromomethane	20	19.8	ug/L	99			40 (58)	160 (125)	
	Chloroethane	20	17.2	ug/L	86			40 (56)	160 (128)	
	Trichlorofluoromethane	20	17.6	ug/L	88			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.1	ug/L	91			70 (74)	130 (110)	
	Acetone	100	89.5	ug/L	90			40 (60)	160 (125)	
	Carbon disulfide	20	15.9	ug/L	79			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.3	ug/L	102			70 (78)	130 (114)	
	Methyl Acetate	20	18.8	ug/L	94			70 (67)	130 (125)	
	Methylene Chloride	20	18.4	ug/L	92			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.6	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.9	ug/L	100			70 (78)	130 (112)	
	Cyclohexane	20	17.9	ug/L	90			70 (75)	130 (110)	
	2-Butanone	100	90.4	ug/L	90			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.5	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.3	ug/L	97			70 (77)	130 (110)	
	Bromochloromethane	20	18.3	ug/L	92			70 (70)	130 (124)	
	Chloroform	20	20.3	ug/L	102			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.7	ug/L	104			70 (80)	130 (108)	
	Methylcyclohexane	20	17.8	ug/L	89			70 (72)	130 (115)	
	Benzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.5	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	17.0	ug/L	85			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.5	ug/L	103			70 (83)	130 (111)	
	Bromodichloromethane	20	20.3	ug/L	102			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	92.8	ug/L	93			40 (74)	160 (118)	
	Toluene	20	19.4	ug/L	97			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.0	ug/L	95			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.2	ug/L	96			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			70 (83)	130 (112)	
	2-Hexanone	100	93.8	ug/L	94			40 (73)	160 (117)	
	Dibromochloromethane	20	19.2	ug/L	96			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.7	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	19.8	ug/L	99			70 (67)	130 (123)	
	Chlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	Ethyl Benzene	20	20.7	ug/L	104			70 (83)	130 (109)	
	m/p-Xylenes	40	41.5	ug/L	104			70 (82)	130 (110)	
	o-Xylene	20	21.3	ug/L	106			70 (83)	130 (109)	
	Styrene	20	20.9	ug/L	104			70 (80)	130 (111)	
	Bromoform	20	19.0	ug/L	95			70 (79)	130 (109)	
	Isopropylbenzene	20	20.6	ug/L	103			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.2	ug/L	101			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.2	ug/L	101			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.2	ug/L	101			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	20.6	ug/L	103			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5006

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044055.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1202WBS01	1,2-Dibromo-3-Chloropropane	20	18.6	ug/L	93			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.5	ug/L	98			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.6	ug/L	98			70 (76)	130 (114)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5006

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044056.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1202WBSD01	Dichlorodifluoromethane	20	18.0	ug/L	90	2		40 (69)	160 (116)	20 (20)
	Chloromethane	20	17.6	ug/L	88	3		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	17.9	ug/L	90	5		70 (65)	130 (117)	20 (20)
	Bromomethane	20	21.5	ug/L	108	9		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.4	ug/L	102	17		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	17.9	ug/L	90	2		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/L	99	6		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	18.6	ug/L	93	2		70 (74)	130 (110)	20 (20)
	Acetone	100	92.5	ug/L	93	3		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	15.9	ug/L	79	0		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.5	ug/L	108	6		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	20.6	ug/L	103	9		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.6	ug/L	98	6		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.9	ug/L	95	2		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	20.6	ug/L	103	3		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.7	ug/L	94	4		70 (75)	130 (110)	20 (20)
	2-Butanone	100	97.2	ug/L	97	7		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.8	ug/L	99	1		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	20.3	ug/L	102	5		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	19.1	ug/L	96	4		70 (70)	130 (124)	20 (20)
	Chloroform	20	21.3	ug/L	106	4		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	21.0	ug/L	105	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.8	ug/L	94	5		70 (72)	130 (115)	20 (20)
	Benzene	20	19.8	ug/L	99	2		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	21.6	ug/L	108	5		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	17.7	ug/L	89	5		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	20.7	ug/L	104	1		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	21.7	ug/L	109	7		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	100	ug/L	100	7		40 (74)	160 (118)	20 (20)
	Toluene	20	20.8	ug/L	104	7		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	21.2	ug/L	106	11		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.5	ug/L	103	7		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.0	ug/L	105	7		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	99.5	ug/L	100	6		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	20.7	ug/L	104	8		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	21.8	ug/L	109	10		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	20.6	ug/L	103	4		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.1	ug/L	101	2		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	21.0	ug/L	105	1		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	40.8	ug/L	102	2		70 (82)	130 (110)	20 (20)
	o-Xylene	20	21.1	ug/L	106	0		70 (83)	130 (109)	20 (20)
	Styrene	20	20.9	ug/L	104	0		70 (80)	130 (111)	20 (20)
	Bromoform	20	18.9	ug/L	95	0		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	21.1	ug/L	106	3		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	20.6	ug/L	103	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.5	ug/L	103	2		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.4	ug/L	102	1		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	20.3	ug/L	102	1		70 (82)	130 (109)	20 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5006

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044056.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1202WBSD01	1,2-Dibromo-3-Chloropropane	20	18.7	ug/L	94	1		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	19.5	ug/L	98	0		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	20.4	ug/L	102	4		70 (76)	130 (114)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5006

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044087.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1203WBS01	Dichlorodifluoromethane	20	17.4	ug/L	87			40 (69)	160 (116)	
	Chloromethane	20	16.5	ug/L	83			40 (65)	160 (116)	
	Vinyl chloride	20	16.1	ug/L	81			70 (65)	130 (117)	
	Bromomethane	20	18.7	ug/L	94			40 (58)	160 (125)	
	Chloroethane	20	18.1	ug/L	91			40 (56)	160 (128)	
	Trichlorofluoromethane	20	17.3	ug/L	86			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			70 (80)	130 (112)	
	1,1-Dichloroethene	20	17.4	ug/L	87			70 (74)	130 (110)	
	Acetone	100	81.3	ug/L	81			40 (60)	160 (125)	
	Carbon disulfide	20	12.7	ug/L	64			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.2	ug/L	96			70 (78)	130 (114)	
	Methyl Acetate	20	18.7	ug/L	94			70 (67)	130 (125)	
	Methylene Chloride	20	17.8	ug/L	89			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	17.1	ug/L	86			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.0	ug/L	95			70 (78)	130 (112)	
	Cyclohexane	20	18.6	ug/L	93			70 (75)	130 (110)	
	2-Butanone	100	90.7	ug/L	91			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.1	ug/L	91			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.7	ug/L	94			70 (77)	130 (110)	
	Bromochloromethane	20	15.0	ug/L	75			70 (70)	130 (124)	
	Chloroform	20	19.5	ug/L	98			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.5	ug/L	98			70 (80)	130 (108)	
	Methylcyclohexane	20	18.4	ug/L	92			70 (72)	130 (115)	
	Benzene	20	18.7	ug/L	94			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.7	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	16.6	ug/L	83			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	18.4	ug/L	92			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	95.1	ug/L	95			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.1	ug/L	91			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.7	ug/L	94			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			70 (83)	130 (112)	
	2-Hexanone	100	94.5	ug/L	95			40 (73)	160 (117)	
	Dibromochloromethane	20	17.5	ug/L	88			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.7	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	19.3	ug/L	97			70 (67)	130 (123)	
	Chlorobenzene	20	19.2	ug/L	96			70 (82)	130 (109)	
	Ethyl Benzene	20	19.8	ug/L	99			70 (83)	130 (109)	
	m/p-Xylenes	40	38.7	ug/L	97			70 (82)	130 (110)	
	o-Xylene	20	19.6	ug/L	98			70 (83)	130 (109)	
	Styrene	20	19.6	ug/L	98			70 (80)	130 (111)	
	Bromoform	20	16.1	ug/L	81			70 (79)	130 (109)	
	Isopropylbenzene	20	20.2	ug/L	101			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.1	ug/L	96			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.9	ug/L	100			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5006

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044087.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1203WBS01	1,2-Dibromo-3-Chloropropane	20	17.2	ug/L	86			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.9	ug/L	95			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.4	ug/L	97			70 (76)	130 (114)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5006

Client: ENTACT

Analytical Method: SW8260-Low

Datafile : VX044112.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1204WBS01	Dichlorodifluoromethane	20	17.5	ug/L	88			40 (69)	160 (116)	
	Chloromethane	20	18.3	ug/L	92			40 (65)	160 (116)	
	Vinyl chloride	20	18.9	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	21.5	ug/L	108			40 (58)	160 (125)	
	Chloroethane	20	21.9	ug/L	110			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.5	ug/L	98			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.2	ug/L	101			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.6	ug/L	98			70 (74)	130 (110)	
	Acetone	100	99.4	ug/L	99			40 (60)	160 (125)	
	Carbon disulfide	20	15.4	ug/L	77			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.8	ug/L	109			70 (78)	130 (114)	
	Methyl Acetate	20	21.5	ug/L	108			70 (67)	130 (125)	
	Methylene Chloride	20	19.5	ug/L	98			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.8	ug/L	99			70 (75)	130 (108)	
	1,1-Dichloroethane	20	21.0	ug/L	105			70 (78)	130 (112)	
	Cyclohexane	20	20.2	ug/L	101			70 (75)	130 (110)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.2	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.3	ug/L	102			70 (77)	130 (110)	
	Bromochloromethane	20	20.4	ug/L	102			70 (70)	130 (124)	
	Chloroform	20	21.7	ug/L	109			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	21.5	ug/L	108			70 (80)	130 (108)	
	Methylcyclohexane	20	19.0	ug/L	95			70 (72)	130 (115)	
	Benzene	20	20.0	ug/L	100			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.4	ug/L	107			70 (80)	130 (115)	
	Trichloroethene	20	17.3	ug/L	86			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.8	ug/L	104			70 (83)	130 (111)	
	Bromodichloromethane	20	19.8	ug/L	99			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.5	ug/L	103			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.4	ug/L	97			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.5	ug/L	98			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.7	ug/L	104			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	18.4	ug/L	92			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.7	ug/L	104			70 (81)	130 (110)	
	Tetrachloroethene	20	20.3	ug/L	102			70 (67)	130 (123)	
	Chlorobenzene	20	20.2	ug/L	101			70 (82)	130 (109)	
	Ethyl Benzene	20	21.0	ug/L	105			70 (83)	130 (109)	
	m/p-Xylenes	40	41.5	ug/L	104			70 (82)	130 (110)	
	o-Xylene	20	21.1	ug/L	106			70 (83)	130 (109)	
	Styrene	20	20.5	ug/L	103			70 (80)	130 (111)	
	Bromoform	20	17.3	ug/L	86			70 (79)	130 (109)	
	Isopropylbenzene	20	21.6	ug/L	108			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	21.4	ug/L	107			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.3	ug/L	102			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.3	ug/L	102			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	21.0	ug/L	105			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: P5006
Client: ENTACT
Analytical Method: SW8260-Low Datafile : VX044112.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX1204WBS01	1,2-Dibromo-3-Chloropropane	20	19.1	ug/L	96			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.4	ug/L	97			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.8	ug/L	99			70 (76)	130 (114)	

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX1202WBL01

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P5006

SAS No.: P5006 SDG NO.: P5006

Lab File ID: VX044054.D

Lab Sample ID: VX1202WBL01

Date Analyzed: 12/02/2024

Time Analyzed: 10:37

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1202WBS01	VX1202WBS01	VX044055.D	12/02/2024
VX1202WBSD01	VX1202WBSD01	VX044056.D	12/02/2024
SPLP-C4-2	P5006-01	VX044076.D	12/02/2024

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX1203WBL01

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P5006

SAS No.: P5006 SDG NO.: P5006

Lab File ID: VX044082.D

Lab Sample ID: VX1203WBL01

Date Analyzed: 12/03/2024

Time Analyzed: 10:34

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1203WBS01	VX1203WBS01	VX044087.D	12/03/2024
SPLP-C4-2RE	P5006-01RE	VX044088.D	12/03/2024
SPLP-C4-3	P5006-02	VX044089.D	12/03/2024
SPLP-C5-1	P5006-03	VX044091.D	12/03/2024
SPLP-C5-3	P5006-05	VX044093.D	12/03/2024
SPLP-C6-1	P5006-06	VX044094.D	12/03/2024
SPLP-C6-2	P5006-07	VX044095.D	12/03/2024
SPLP-C6-3	P5006-08	VX044096.D	12/03/2024
SPLP-C10-1	P5006-09	VX044097.D	12/03/2024
SPLP-C10-2	P5006-10	VX044098.D	12/03/2024
SPLP-C10-3	P5006-11	VX044099.D	12/03/2024
SPLP-C11-1	P5006-12	VX044100.D	12/03/2024
SPLP-C11-2	P5006-13	VX044101.D	12/03/2024
SPLP-C11-3	P5006-14	VX044102.D	12/03/2024
SPLP-C12-1	P5006-15	VX044103.D	12/03/2024
SPLP-C12-2	P5006-16	VX044104.D	12/03/2024
SPLP-C12-3	P5006-17	VX044105.D	12/03/2024

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX1204WBL01

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P5006

SAS No.: P5006 SDG NO.: P5006

Lab File ID: VX044111.D

Lab Sample ID: VX1204WBL01

Date Analyzed: 12/04/2024

Time Analyzed: 12:58

GC Column: DB-624UI ID: 0.18 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1204WBS01	VX1204WBS01	VX044112.D	12/04/2024
SPLP-C5-2	P5006-04	VX044114.D	12/04/2024
SPLP-C10-1DL	P5006-09DL	VX044116.D	12/04/2024
SPLP-C11-1DL	P5006-12DL	VX044117.D	12/04/2024
SPLP-C10-2DL	P5006-10DL	VX044118.D	12/04/2024
SPLP-C10-3DL	P5006-11DL	VX044119.D	12/04/2024
SPLP-C5-1RE	P5006-03RE	VX044120.D	12/04/2024
SPLP-C5-3RE	P5006-05RE	VX044121.D	12/04/2024
SPLP-C6-1RE	P5006-06RE	VX044122.D	12/04/2024
SPLP-C6-3RE	P5006-08RE	VX044123.D	12/04/2024
SPLP-C11-2RE	P5006-13RE	VX044124.D	12/04/2024
SPLP-C11-3RE	P5006-14RE	VX044125.D	12/04/2024
SPLP-C12-1RE	P5006-15RE	VX044126.D	12/04/2024
SPLP-C12-2RE	P5006-16RE	VX044127.D	12/04/2024
SPLP-C12-3RE	P5006-17RE	VX044128.D	12/04/2024
SPLP-C5-2RE	P5006-04RE	VX044129.D	12/04/2024

COMMENTS: _____



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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
Lab File ID: VX043924.D BFB Injection Date: 11/21/2024
Instrument ID: MSVOA_X BFB Injection Time: 08:51
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.4
75	30.0 - 60.0% of mass 95	54.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	70.5
175	5.0 - 9.0% of mass 174	4.8 (6.8) 1
176	95.0 - 101.0% of mass 174	67.9 (96.4) 1
177	5.0 - 9.0% of mass 176	4.9 (7.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VX043925.D	11/21/2024	09:47
VSTDIC005	VSTDIC005	VX043926.D	11/21/2024	10:14
VSTDIC020	VSTDIC020	VX043927.D	11/21/2024	10:37
VSTDIC050	VSTDIC050	VX043928.D	11/21/2024	11:17
VSTDIC100	VSTDIC100	VX043929.D	11/21/2024	11:40
VSTDIC150	VSTDIC150	VX043930.D	11/21/2024	12:03



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
Lab File ID: VX044051.D BFB Injection Date: 12/02/2024
Instrument ID: MSVOA_X BFB Injection Time: 08:35
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.2
75	30.0 - 60.0% of mass 95	56.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	74.9
175	5.0 - 9.0% of mass 174	5.3 (7.1) 1
176	95.0 - 101.0% of mass 174	71.7 (95.7) 1
177	5.0 - 9.0% of mass 176	4.6 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044052.D	12/02/2024	09:45
VX1202WBL01	VX1202WBL01	VX044054.D	12/02/2024	10:37
VX1202WBS01	VX1202WBS01	VX044055.D	12/02/2024	11:00
VX1202WBSD01	VX1202WBSD01	VX044056.D	12/02/2024	11:27
SPLP-C4-2	P5006-01	VX044076.D	12/02/2024	19:04



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
Lab File ID: VX044079.D BFB Injection Date: 12/03/2024
Instrument ID: MSVOA_X BFB Injection Time: 09:09
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.1
75	30.0 - 60.0% of mass 95	57
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	69.3
175	5.0 - 9.0% of mass 174	5.5 (8) 1
176	95.0 - 101.0% of mass 174	67.2 (96.9) 1
177	5.0 - 9.0% of mass 176	4.8 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044080.D	12/03/2024	09:44
VX1203WBL01	VX1203WBL01	VX044082.D	12/03/2024	10:34
VX1203WBS01	VX1203WBS01	VX044087.D	12/03/2024	13:01
SPLP-C4-2RE	P5006-01RE	VX044088.D	12/03/2024	13:24
SPLP-C4-3	P5006-02	VX044089.D	12/03/2024	13:47
SPLP-C5-1	P5006-03	VX044091.D	12/03/2024	14:33
SPLP-C5-3	P5006-05	VX044093.D	12/03/2024	15:19
SPLP-C6-1	P5006-06	VX044094.D	12/03/2024	15:41
SPLP-C6-2	P5006-07	VX044095.D	12/03/2024	16:04
SPLP-C6-3	P5006-08	VX044096.D	12/03/2024	16:27
SPLP-C10-1	P5006-09	VX044097.D	12/03/2024	16:51
SPLP-C10-2	P5006-10	VX044098.D	12/03/2024	17:14
SPLP-C10-3	P5006-11	VX044099.D	12/03/2024	17:36
SPLP-C11-1	P5006-12	VX044100.D	12/03/2024	18:00
SPLP-C11-2	P5006-13	VX044101.D	12/03/2024	18:23
SPLP-C11-3	P5006-14	VX044102.D	12/03/2024	18:46
SPLP-C12-1	P5006-15	VX044103.D	12/03/2024	19:09
SPLP-C12-2	P5006-16	VX044104.D	12/03/2024	19:32



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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
Lab File ID: VX044079.D BFB Injection Date: 12/03/2024
Instrument ID: MSVOA_X BFB Injection Time: 09:09
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.1
75	30.0 - 60.0% of mass 95	57
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	69.3
175	5.0 - 9.0% of mass 174	5.5 (8) 1
176	95.0 - 101.0% of mass 174	67.2 (96.9) 1
177	5.0 - 9.0% of mass 176	4.8 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SPLP-C12-3	P5006-17	VX044105.D	12/03/2024	19:55



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: ENTA05
Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
Lab File ID: VX044108.D BFB Injection Date: 12/04/2024
Instrument ID: MSVOA_X BFB Injection Time: 11:12
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	56.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.1
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	68.2
175	5.0 - 9.0% of mass 174	5.3 (7.7) 1
176	95.0 - 101.0% of mass 174	64.9 (95.1) 1
177	5.0 - 9.0% of mass 176	4.3 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044109.D	12/04/2024	12:12
VX1204WBL01	VX1204WBL01	VX044111.D	12/04/2024	12:58
VX1204WBS01	VX1204WBS01	VX044112.D	12/04/2024	13:21
SPLP-C5-2	P5006-04	VX044114.D	12/04/2024	14:10
SPLP-C10-1DL	P5006-09DL	VX044116.D	12/04/2024	14:56
SPLP-C11-1DL	P5006-12DL	VX044117.D	12/04/2024	15:20
SPLP-C10-2DL	P5006-10DL	VX044118.D	12/04/2024	15:43
SPLP-C10-3DL	P5006-11DL	VX044119.D	12/04/2024	16:06
SPLP-C5-1RE	P5006-03RE	VX044120.D	12/04/2024	16:29
SPLP-C5-3RE	P5006-05RE	VX044121.D	12/04/2024	16:52
SPLP-C6-1RE	P5006-06RE	VX044122.D	12/04/2024	17:15
SPLP-C6-3RE	P5006-08RE	VX044123.D	12/04/2024	17:38
SPLP-C11-2RE	P5006-13RE	VX044124.D	12/04/2024	18:02
SPLP-C11-3RE	P5006-14RE	VX044125.D	12/04/2024	18:25
SPLP-C12-1RE	P5006-15RE	VX044126.D	12/04/2024	18:48
SPLP-C12-2RE	P5006-16RE	VX044127.D	12/04/2024	19:11
SPLP-C12-3RE	P5006-17RE	VX044128.D	12/04/2024	19:34
SPLP-C5-2RE	P5006-04RE	VX044129.D	12/04/2024	19:57

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
 Lab File ID: VX044052.D Date Analyzed: 12/02/2024
 Instrument ID: MSVOA_X Time Analyzed: 09:45
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	140021	5.54	242098	6.75	204952	10.05
UPPER LIMIT	280042	6.043	484196	7.25	409904	10.549
LOWER LIMIT	70010.5	5.043	121049	6.25	102476	9.549
EPA SAMPLE NO.						
SPLP-C4-2	114189	5.54	228244	6.76	210148	10.05
VX1202WBL01	137622	5.54	262897	6.76	221008	10.05
VX1202WBS01	133564	5.55	236701	6.76	191057	10.06
VX1202WBSD01	119891	5.54	216106	6.75	186524	10.05

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
 Lab File ID: VX044052.D Date Analyzed: 12/02/2024
 Instrument ID: MSVOA_X Time Analyzed: 09:45
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	98861	12.018				
UPPER LIMIT	197722	12.518				
LOWER LIMIT	49430.5	11.518				
EPA SAMPLE NO.						
SPLP-C4-2	88412	12.02				
VX1202WBL01	93273	12.02				
VX1202WBS01	90073	12.02				
VX1202WBSD01	85631	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>CHEMTECH</u>			Contract:	<u>ENTA05</u>		
Lab Code:	<u>CHEM</u>	Case No.:	<u>P5006</u>	SAS No.:	<u>P5006</u>	SDG NO.:	<u>P5006</u>
Lab File ID:	<u>VX044080.D</u>			Date Analyzed:	<u>12/03/2024</u>		
Instrument ID:	<u>MSVOA_X</u>			Time Analyzed:	<u>09:44</u>		
GC Column:	DB-624UI	ID:	0.18 (mm)	Heated Purge:	(Y/N)	N	

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	121618	5.54	213358	6.75	176784	10.05
UPPER LIMIT	243236	6.044	426716	7.251	353568	10.549
LOWER LIMIT	60809	5.044	106679	6.251	88392	9.549
EPA SAMPLE NO.						
SPLP-C4-2RE	117073	5.54	223904	6.76	189590	10.05
SPLP-C4-3	112757	5.54	220233	6.75	195286	10.05
SPLP-C5-1	114961	5.54	227218	6.76	195298	10.05
SPLP-C5-3	106174	5.54	209275	6.76	186004	10.05
SPLP-C6-1	114452	5.54	221169	6.76	192410	10.05
SPLP-C6-2	112488	5.55	223144	6.76	201427	10.05
SPLP-C6-3	118097	5.54	224861	6.76	199085	10.05
SPLP-C10-1	114433	5.54	224500	6.76	195198	10.05
SPLP-C10-2	103374	5.55	203524	6.76	182011	10.06
SPLP-C10-3	105039	5.54	203705	6.76	175202	10.06
SPLP-C11-1	101739	5.55	199677	6.76	178071	10.06
SPLP-C11-2	107038	5.54	213687	6.76	192034	10.06
SPLP-C11-3	104678	5.54	205665	6.76	184006	10.06
SPLP-C12-1	109453	5.54	218071	6.76	193451	10.05
SPLP-C12-2	108046	5.54	214154	6.76	187128	10.06
SPLP-C12-3	118829	5.55	231895	6.76	206380	10.05
VX1203WBL01	113150	5.54	222913	6.76	189304	10.05
VX1203WBS01	121696	5.54	217179	6.75	182356	10.05

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
 Lab File ID: VX044080.D Date Analyzed: 12/03/2024
 Instrument ID: MSVOA_X Time Analyzed: 09:44
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	121618	5.54	213358	6.75	176784	10.05
UPPER LIMIT	243236	6.044	426716	7.251	353568	10.549
LOWER LIMIT	60809	5.044	106679	6.251	88392	9.549
EPA SAMPLE NO.						

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
 Lab File ID: VX044080.D Date Analyzed: 12/03/2024
 Instrument ID: MSVOA_X Time Analyzed: 09:44
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	80742	12.018				
UPPER LIMIT	161484	12.518				
LOWER LIMIT	40371	11.518				
EPA SAMPLE NO.						
SPLP-C4-2RE	81966	12.02				
SPLP-C4-3	89527	12.02				
SPLP-C5-1	88091	12.02				
SPLP-C5-3	88193	12.02				
SPLP-C6-1	79632	12.02				
SPLP-C6-2	87397	12.02				
SPLP-C6-3	90167	12.02				
SPLP-C10-1	94536	12.02				
SPLP-C10-2	84668	12.02				
SPLP-C10-3	82520	12.02				
SPLP-C11-1	86182	12.02				
SPLP-C11-2	90537	12.02				
SPLP-C11-3	84942	12.02				
SPLP-C12-1	89950	12.02				
SPLP-C12-2	87999	12.02				
SPLP-C12-3	96338	12.02				
VX1203WBL01	79760	12.02				
VX1203WBS01	84290	12.02				

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
 Lab File ID: VX044080.D Date Analyzed: 12/03/2024
 Instrument ID: MSVOA_X Time Analyzed: 09:44
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	80742	12.018				
UPPER LIMIT	161484	12.518				
LOWER LIMIT	40371	11.518				
EPA SAMPLE NO.						

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



Lab Name:	<u>CHEMTECH</u>			Contract:	<u>ENTA05</u>		
Lab Code:	<u>CHEM</u>	Case No.:	<u>P5006</u>	SAS No.:	<u>P5006</u>	SDG NO.:	<u>P5006</u>
Lab File ID:	<u>VX044109.D</u>			Date Analyzed:	<u>12/04/2024</u>		
Instrument ID:	<u>MSVOA_X</u>			Time Analyzed:	<u>12:12</u>		
GC Column:	DB-624UI	ID:	0.18 (mm)	Heated Purge:	(Y/N)	N	

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	121433	5.54	212858	6.76	180347	10.05
UPPER LIMIT	242866	6.038	425716	7.257	360694	10.549
LOWER LIMIT	60716.5	5.038	106429	6.257	90173.5	9.549
EPA SAMPLE NO.						
SPLP-C5-1RE	108075	5.54	207238	6.76	184248	10.06
SPLP-C5-2	108365	5.54	209397	6.76	184133	10.06
SPLP-C5-2RE	101936	5.55	199845	6.76	169469	10.05
SPLP-C5-3RE	105660	5.55	206619	6.76	181269	10.05
SPLP-C6-1RE	105046	5.55	206576	6.76	176949	10.06
SPLP-C6-3RE	108195	5.55	212238	6.76	186649	10.06
SPLP-C10-1DL	107028	5.55	209800	6.76	182342	10.06
SPLP-C10-2DL	105677	5.55	201675	6.76	175270	10.06
SPLP-C10-3DL	105088	5.55	207247	6.76	179989	10.06
SPLP-C11-1DL	101061	5.54	197189	6.76	174734	10.05
SPLP-C11-2RE	102035	5.55	197413	6.76	177983	10.05
SPLP-C11-3RE	108281	5.54	207723	6.76	187581	10.05
SPLP-C12-1RE	103588	5.54	209292	6.76	183421	10.06
SPLP-C12-2RE	100117	5.54	200709	6.76	178485	10.06
SPLP-C12-3RE	105047	5.54	199686	6.76	169999	10.06
VX1204WBL01	113722	5.55	219894	6.76	188758	10.05
VX1204WBS01	120163	5.54	225592	6.76	189832	10.06

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
 Lab File ID: VX044109.D Date Analyzed: 12/04/2024
 Instrument ID: MSVOA_X Time Analyzed: 12:12
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	121433	5.54	212858	6.76	180347	10.05
UPPER LIMIT	242866	6.038	425716	7.257	360694	10.549
LOWER LIMIT	60716.5	5.038	106429	6.257	90173.5	9.549
EPA SAMPLE NO.						

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>CHEMTECH</u>			Contract:	<u>ENTA05</u>		
Lab Code:	<u>CHEM</u>	Case No.:	<u>P5006</u>	SAS No.:	<u>P5006</u>	SDG NO.:	<u>P5006</u>
Lab File ID:	<u>VX044109.D</u>			Date Analyzed:	<u>12/04/2024</u>		
Instrument ID:	<u>MSVOA_X</u>			Time Analyzed:	<u>12:12</u>		
GC Column:	DB-624UI	ID:	0.18 (mm)	Heated Purge:	(Y/N)	N	

	IS4 AREA #	RT #				
12 HOUR STD	85782	12.018				
UPPER LIMIT	171564	12.518				
LOWER LIMIT	42891	11.518				
EPA SAMPLE NO.						
SPLP-C5-1RE	80127	12.02				
SPLP-C5-2	81312	12.02				
SPLP-C5-2RE	68386	12.02				
SPLP-C5-3RE	79148	12.02				
SPLP-C6-1RE	72597	12.02				
SPLP-C6-3RE	85975	12.02				
SPLP-C10-1DL	79045	12.02				
SPLP-C10-2DL	74917	12.02				
SPLP-C10-3DL	78940	12.02				
SPLP-C11-1DL	75611	12.02				
SPLP-C11-2RE	81304	12.02				
SPLP-C11-3RE	86376	12.02				
SPLP-C12-1RE	81734	12.02				
SPLP-C12-2RE	78276	12.02				
SPLP-C12-3RE	72597	12.02				
VX1204WBL01	77704	12.02				
VX1204WBS01	84893	12.02				

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG NO.: P5006
 Lab File ID: VX044109.D Date Analyzed: 12/04/2024
 Instrument ID: MSVOA_X Time Analyzed: 12:12
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	85782	12.018				
UPPER LIMIT	171564	12.518				
LOWER LIMIT	42891	11.518				
EPA SAMPLE NO.						

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C4-2	SDG No.:	P5006
Lab Sample ID:	P5006-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044076.D	1		12/02/24 19:04	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	31.5		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	8.00		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.00	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C4-2	SDG No.:	P5006
Lab Sample ID:	P5006-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044076.D	1		12/02/24 19:04	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	6.70		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	1.90	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	35.6		70 (75) - 130 (124)	71%	SPK: 50
2037-26-5	Toluene-d8	51.4		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114000	5.544			
540-36-3	1,4-Difluorobenzene	228000	6.757			
3114-55-4	Chlorobenzene-d5	210000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	88400	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C4-2	SDG No.:	P5006
Lab Sample ID:	P5006-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	SPLP VOA

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044076.D	1		12/02/24 19:04	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044076.D
 Acq On : 02 Dec 2024 19:04
 Operator : JC/MD
 Sample : P5006-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C4-2

Quant Time: Dec 03 00:28:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

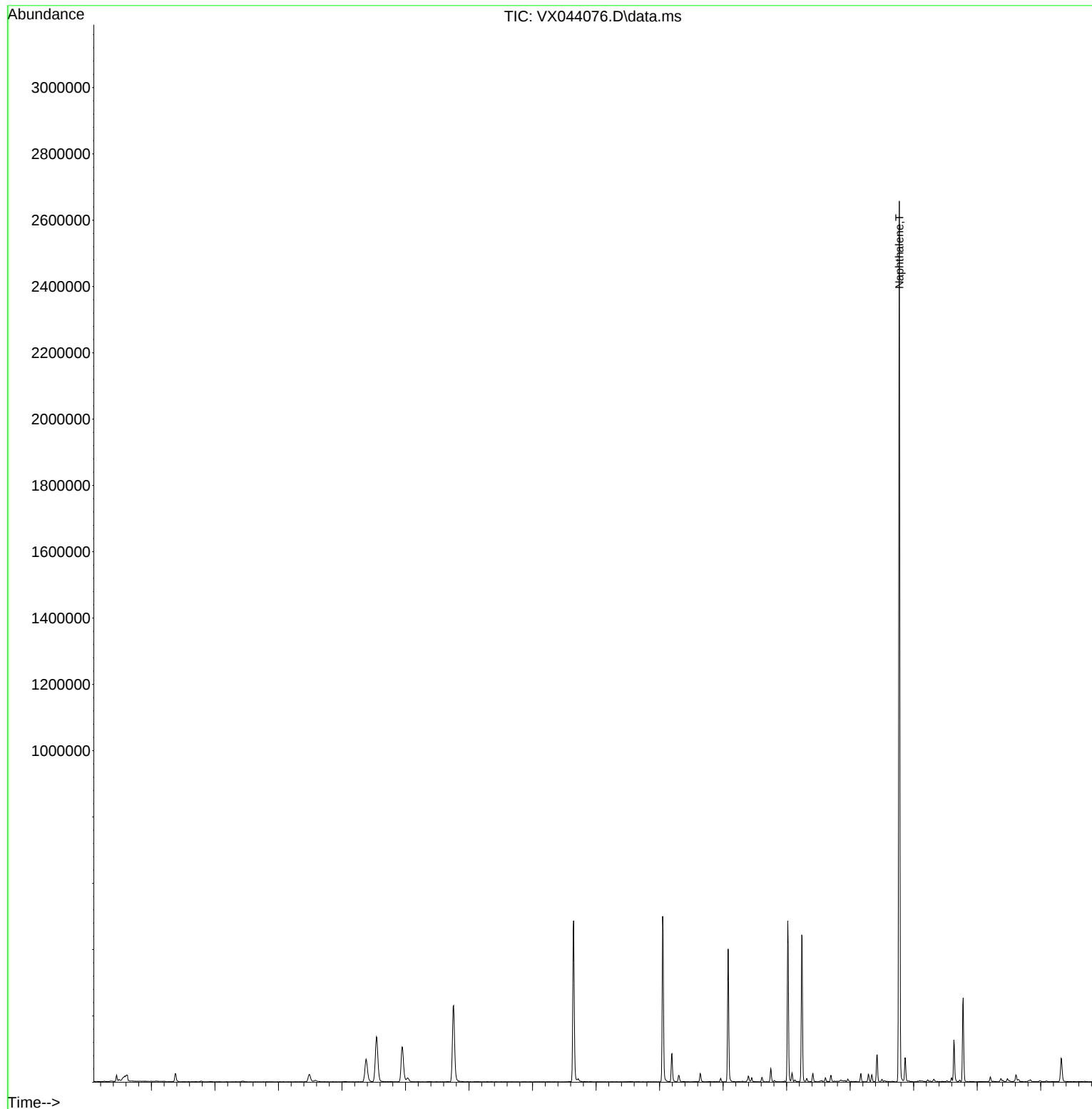
Internal Standards						
1) Pentafluorobenzene	5.544	168	114189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	228244	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	210148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105289	53.759	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	107.520%	
35) Dibromofluoromethane	5.379	113	58066	35.603	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	71.200%#	
50) Toluene-d8	8.647	98	288882	51.385	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	102.760%	
62) 4-Bromofluorobenzene	11.079	95	103869	54.288	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	108.580%	
Target Compounds						
16) Acetone	2.380	43	28300	31.461	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	13424	7.994	ug/l	92
40) Benzene	6.037	78	12620	1.994	ug/l	99
67) Ethyl Benzene	10.195	91	52600	6.726	ug/l	99
69) o-Xylene	10.640	106	5293	1.859	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	17660	3.172	ug/l	99
95) Naphthalene	13.774	128	1420906	224.685	ug/l	99

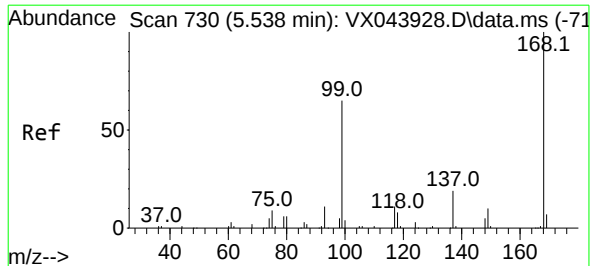
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044076.D
Acq On : 02 Dec 2024 19:04
Operator : JC/MD
Sample : P5006-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-2

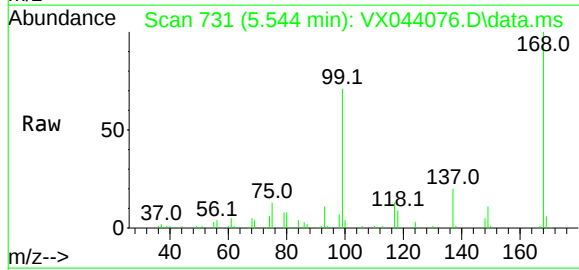
Quant Time: Dec 03 00:28:14 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



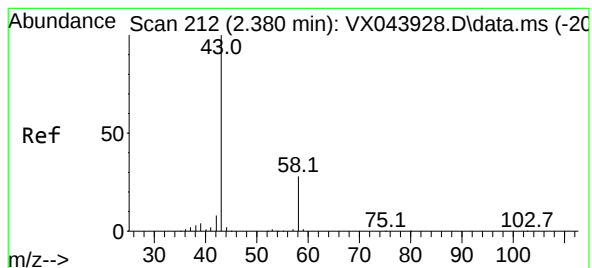
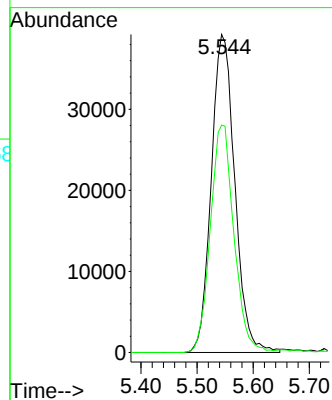
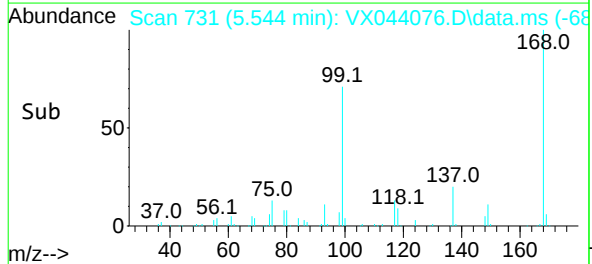


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044076.D
Acq: 02 Dec 2024 19:04

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-2

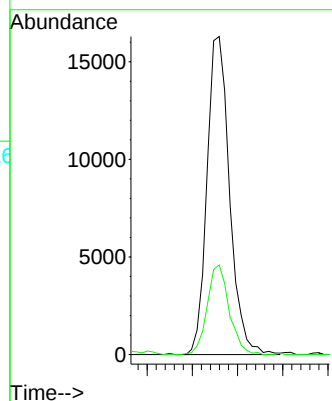
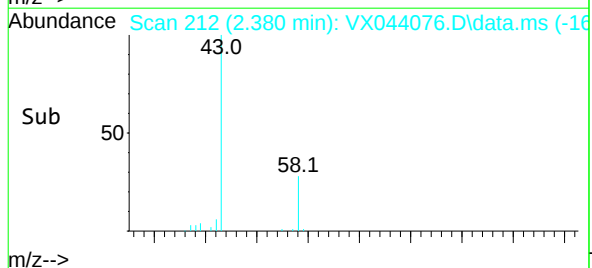
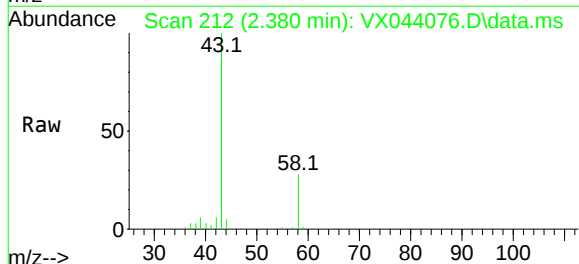


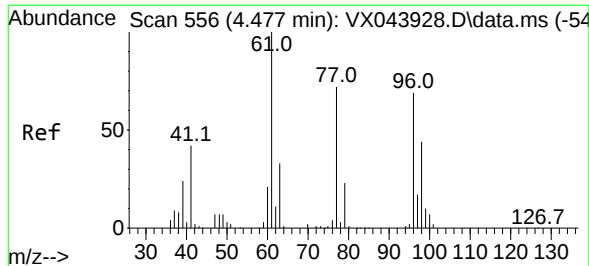
Tgt Ion: 168 Resp: 114189
Ion Ratio Lower Upper
168 100
99 71.5 51.8 77.8



#16
Acetone
Concen: 31.461 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044076.D
Acq: 02 Dec 2024 19:04

Tgt Ion: 43 Resp: 28300
Ion Ratio Lower Upper
43 100
58 28.2 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 7.994 ug/l

RT: 4.483 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX044076.D

Acq: 02 Dec 2024 19:04

Instrument :

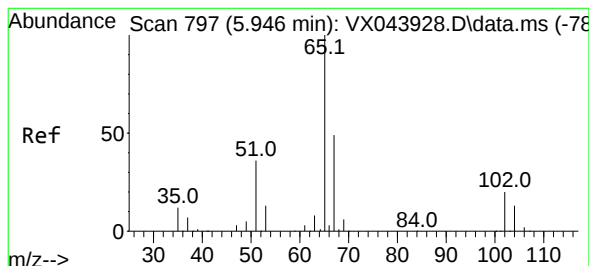
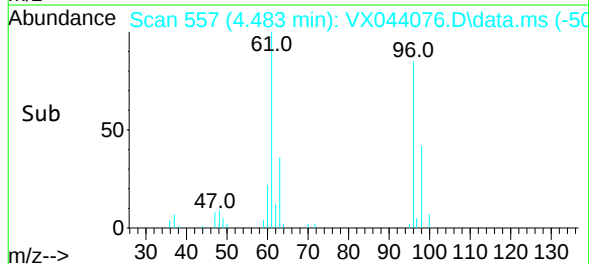
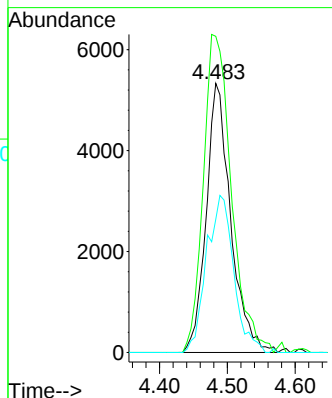
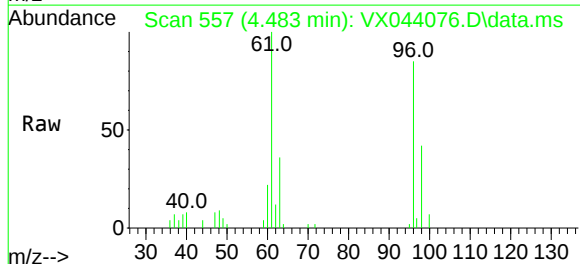
MSVOA_X

ClientSampleId :

SPLP-C4-2

Tgt Ion: 96 Resp: 13424

Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	297.4
98	64.7	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 53.759 ug/l

RT: 5.946 min Scan# 797

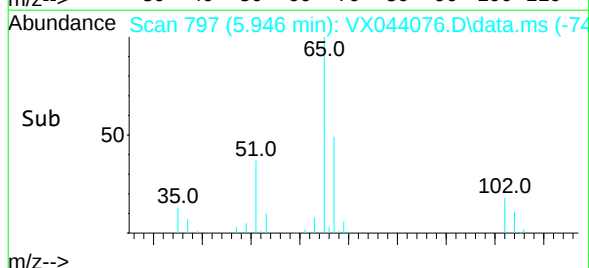
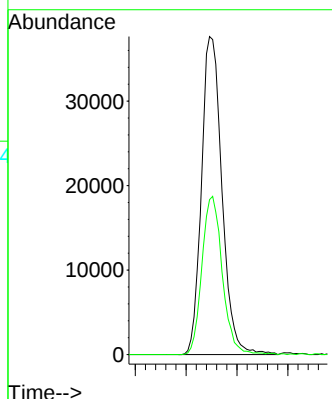
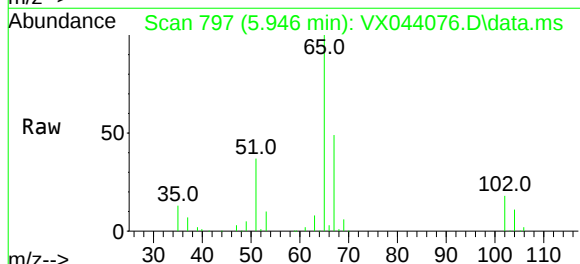
Delta R.T. -0.000 min

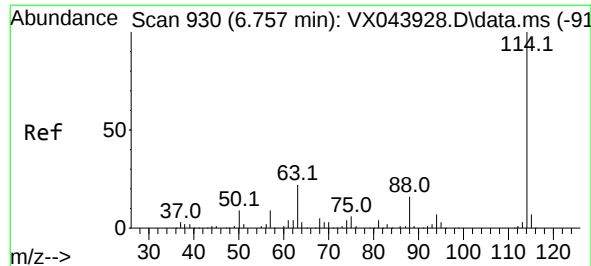
Lab File: VX044076.D

Acq: 02 Dec 2024 19:04

Tgt Ion: 65 Resp: 105289

Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044076.D

Acq: 02 Dec 2024 19:04

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-2

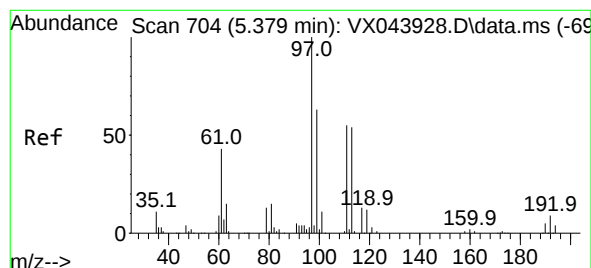
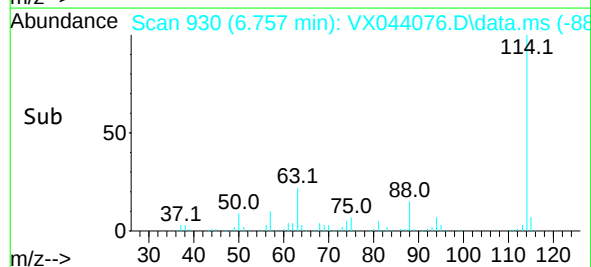
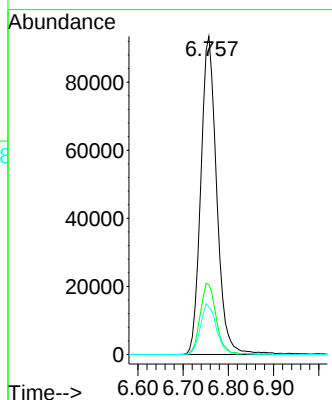
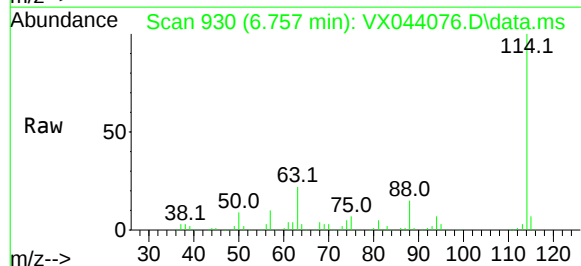
Tgt Ion:114 Resp: 228244

Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 14.8 0.0 32.4



#35

Dibromofluoromethane

Concen: 35.603 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044076.D

Acq: 02 Dec 2024 19:04

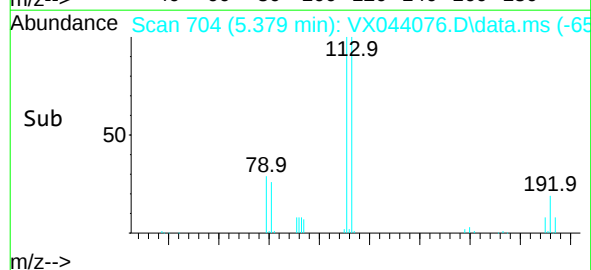
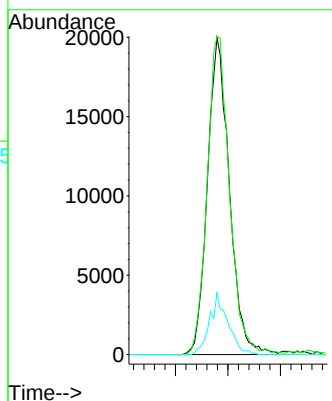
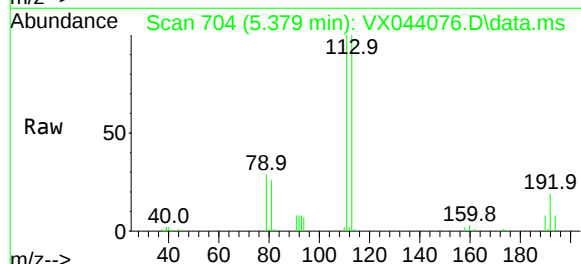
Tgt Ion:113 Resp: 58066

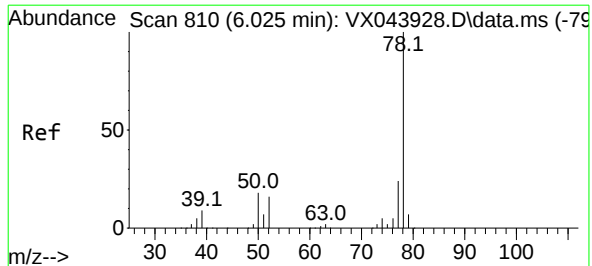
Ion Ratio Lower Upper

113 100

111 101.4 81.0 121.4

192 16.1 13.0 19.6





#40

Benzene

Concen: 1.994 ug/l

RT: 6.037 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044076.D

Acq: 02 Dec 2024 19:04

Instrument :

MSVOA_X

ClientSampleId :

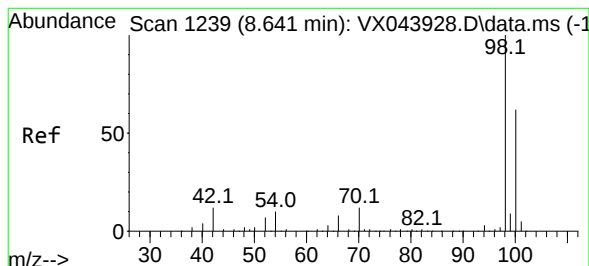
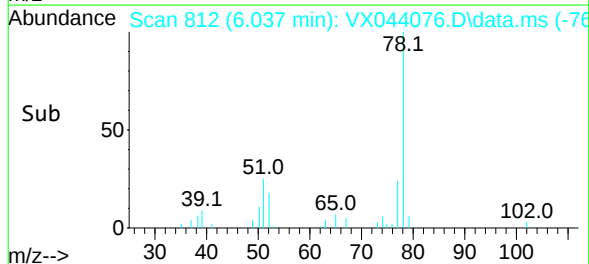
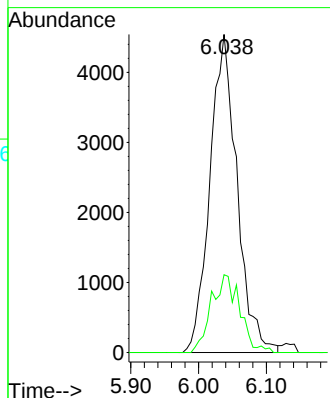
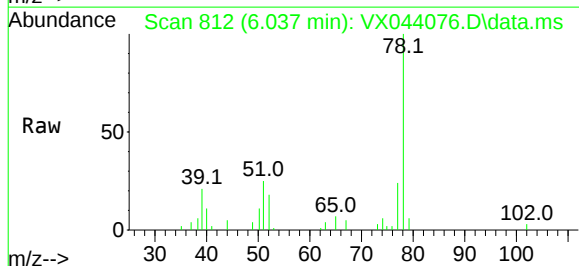
SPLP-C4-2

Tgt Ion: 78 Resp: 12620

Ion Ratio Lower Upper

78 100

77 24.5 19.2 28.8



#50

Toluene-d8

Concen: 51.385 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044076.D

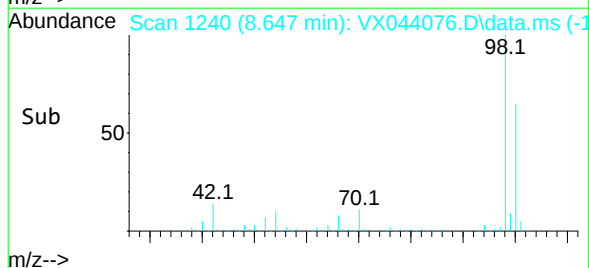
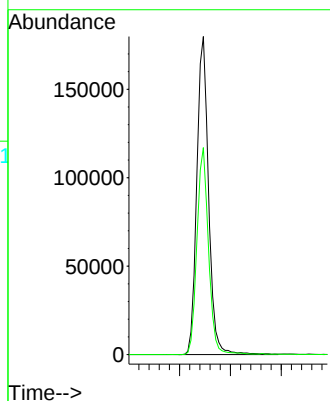
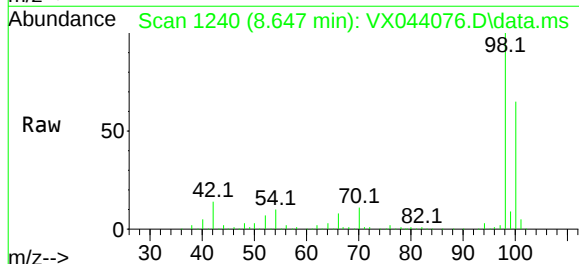
Acq: 02 Dec 2024 19:04

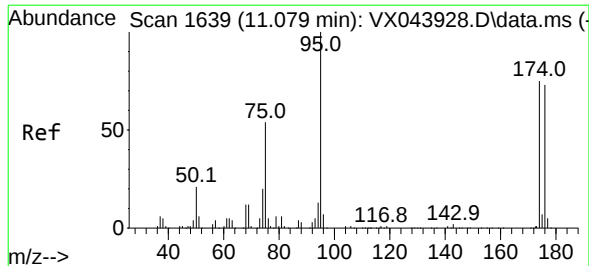
Tgt Ion: 98 Resp: 288882

Ion Ratio Lower Upper

98 100

100 63.9 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 54.288 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044076.D

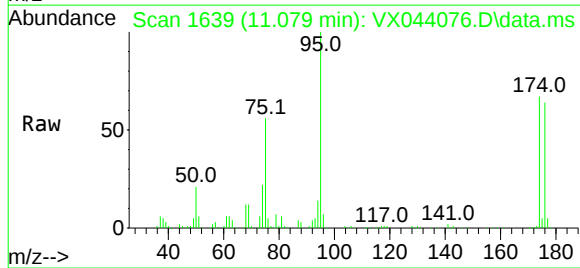
Acq: 02 Dec 2024 19:04

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-2



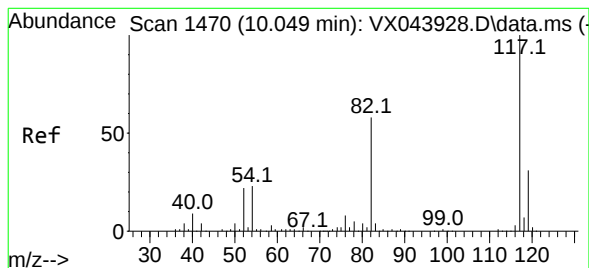
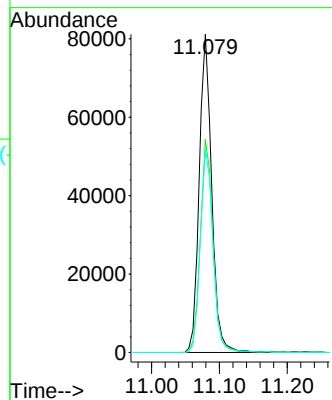
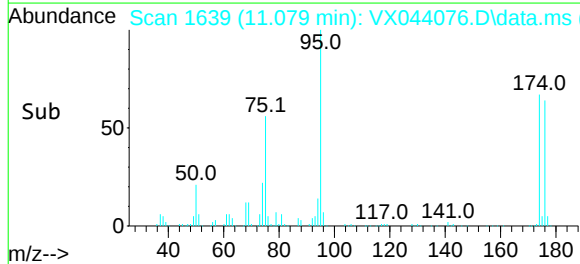
Tgt Ion: 95 Resp: 103869

Ion Ratio Lower Upper

95 100

174 67.5 0.0 150.4

176 65.2 0.0 146.0



#63

Chlorobenzene-d5

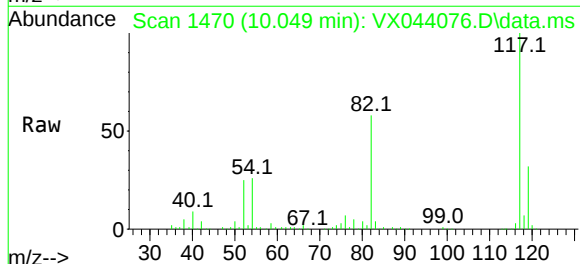
Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044076.D

Acq: 02 Dec 2024 19:04



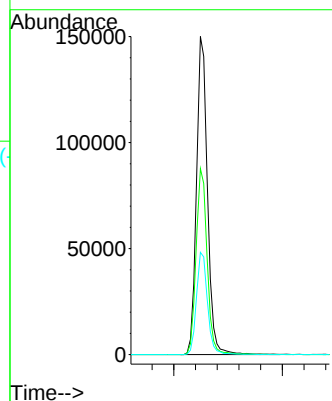
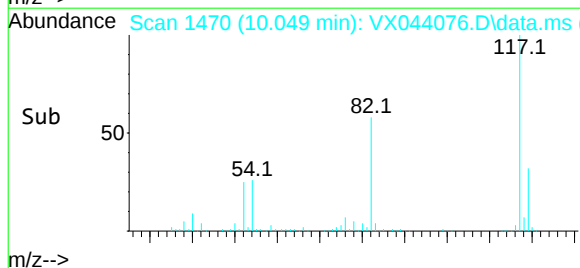
Tgt Ion: 117 Resp: 210148

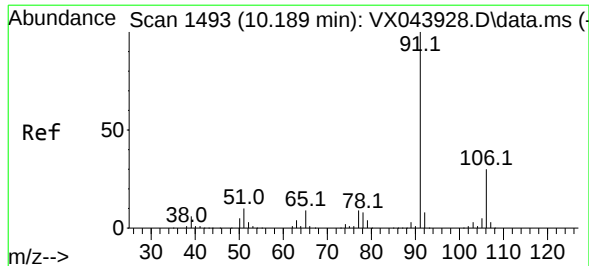
Ion Ratio Lower Upper

117 100

82 58.5 46.4 69.6

119 32.1 24.6 37.0





#67

Ethyl Benzene

Concen: 6.726 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044076.D

Acq: 02 Dec 2024 19:04

Instrument :

MSVOA_X

ClientSampleId :

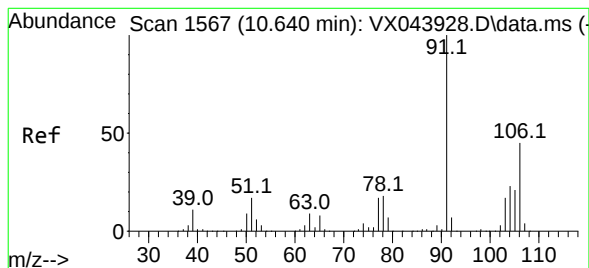
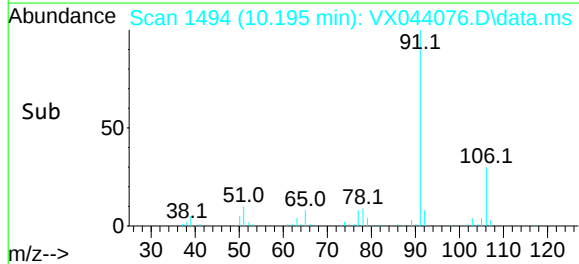
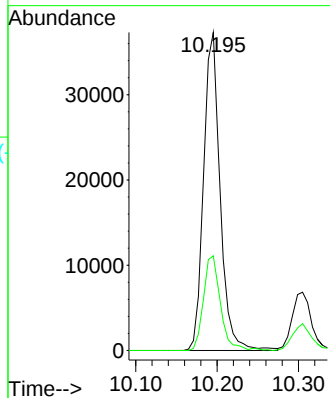
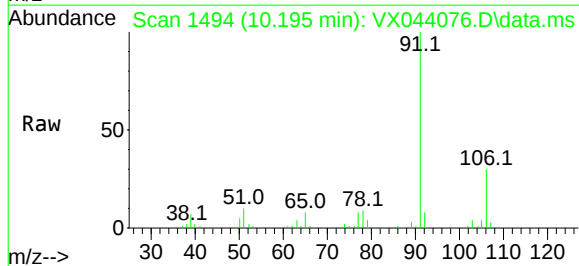
SPLP-C4-2

Tgt Ion: 91 Resp: 52600

Ion Ratio Lower Upper

91 100

106 29.8 23.6 35.4



#69

o-Xylene

Concen: 1.859 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044076.D

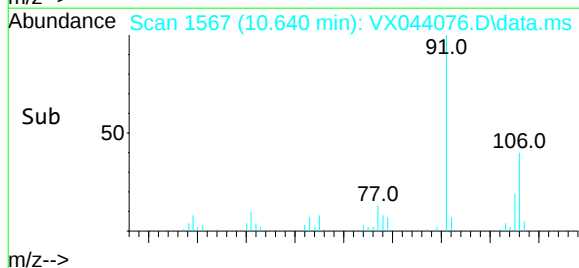
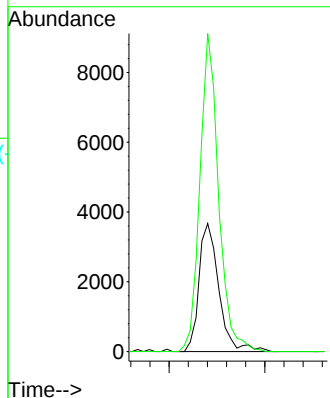
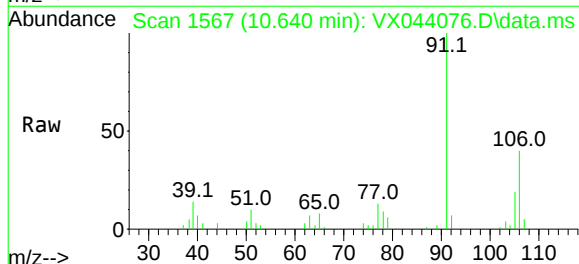
Acq: 02 Dec 2024 19:04

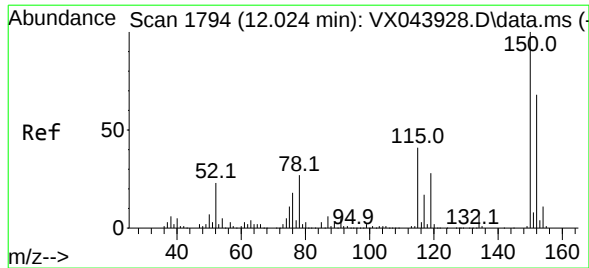
Tgt Ion: 106 Resp: 5293

Ion Ratio Lower Upper

106 100

91 233.5 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VX044076.D

Acq: 02 Dec 2024 19:04

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-2

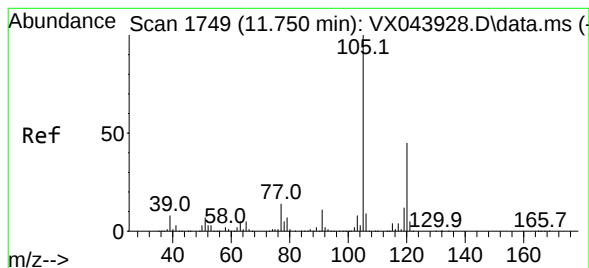
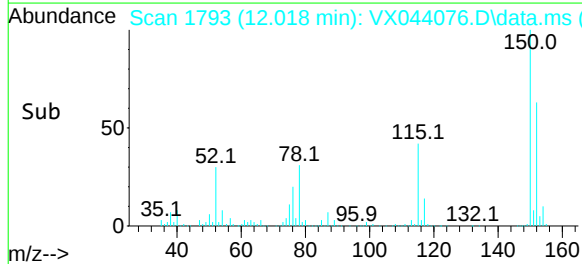
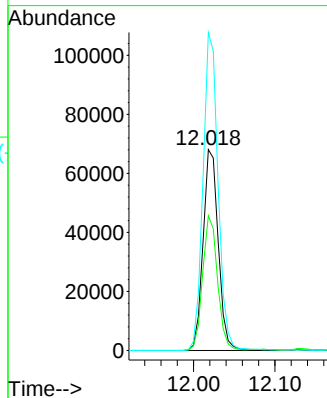
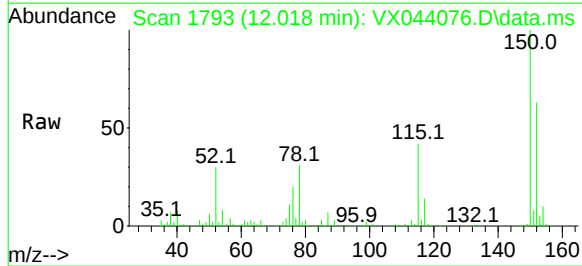
Tgt Ion:152 Resp: 88412

Ion Ratio Lower Upper

152 100

115 65.6 45.4 136.2

150 156.5 0.0 353.0



#84

1,2,4-Trimethylbenzene

Concen: 3.172 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044076.D

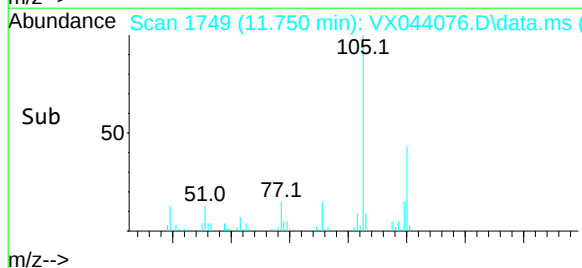
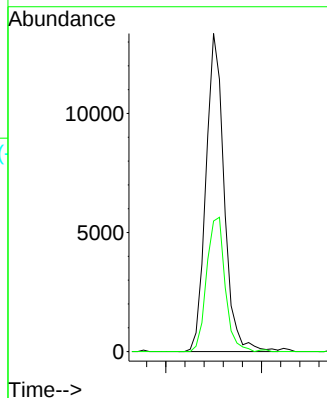
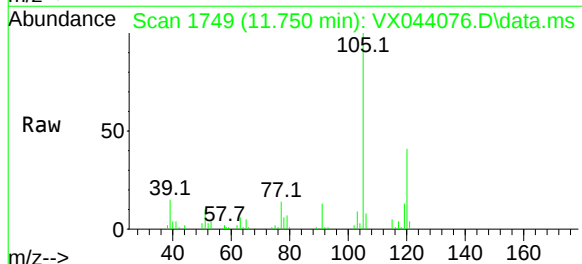
Acq: 02 Dec 2024 19:04

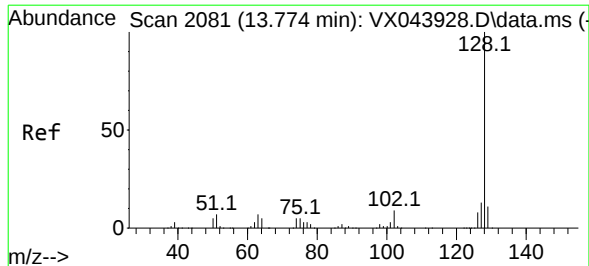
Tgt Ion:105 Resp: 17660

Ion Ratio Lower Upper

105 100

120 43.1 21.9 65.7





#95

Naphthalene

Concen: 224.685 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044076.D

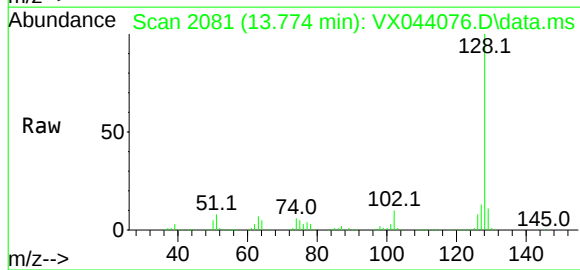
Acq: 02 Dec 2024 19:04

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-2



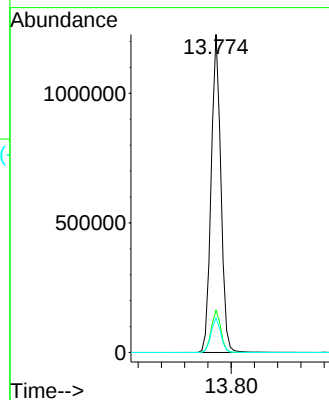
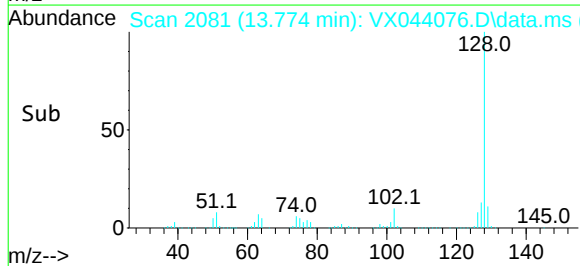
Tgt Ion:128 Resp: 1420906

Ion	Ratio	Lower	Upper
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128	100		
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127	13.2	10.2	15.2
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129	11.0	8.6	12.8
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Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C4-2RE		SDG No.:	P5006	
Lab Sample ID:	P5006-01RE		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044088.D	1		12/03/24 13:24	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	29.4		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	1.00	J	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	7.80		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.10	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C4-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-01RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044088.D	1		12/03/24 13:24	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	6.90		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	1.90	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	37.2		70 (75) - 130 (124)	74%	SPK: 50
2037-26-5	Toluene-d8	48.1		70 (86) - 130 (113)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	117000	5.544			
540-36-3	1,4-Difluorobenzene	224000	6.757			
3114-55-4	Chlorobenzene-d5	190000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	82000	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C4-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-01RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044088.D	1		12/03/24 13:24	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044088.D
 Acq On : 03 Dec 2024 13:24
 Operator : JC/MD
 Sample : P5006-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C4-2RE

Quant Time: Dec 03 23:43:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

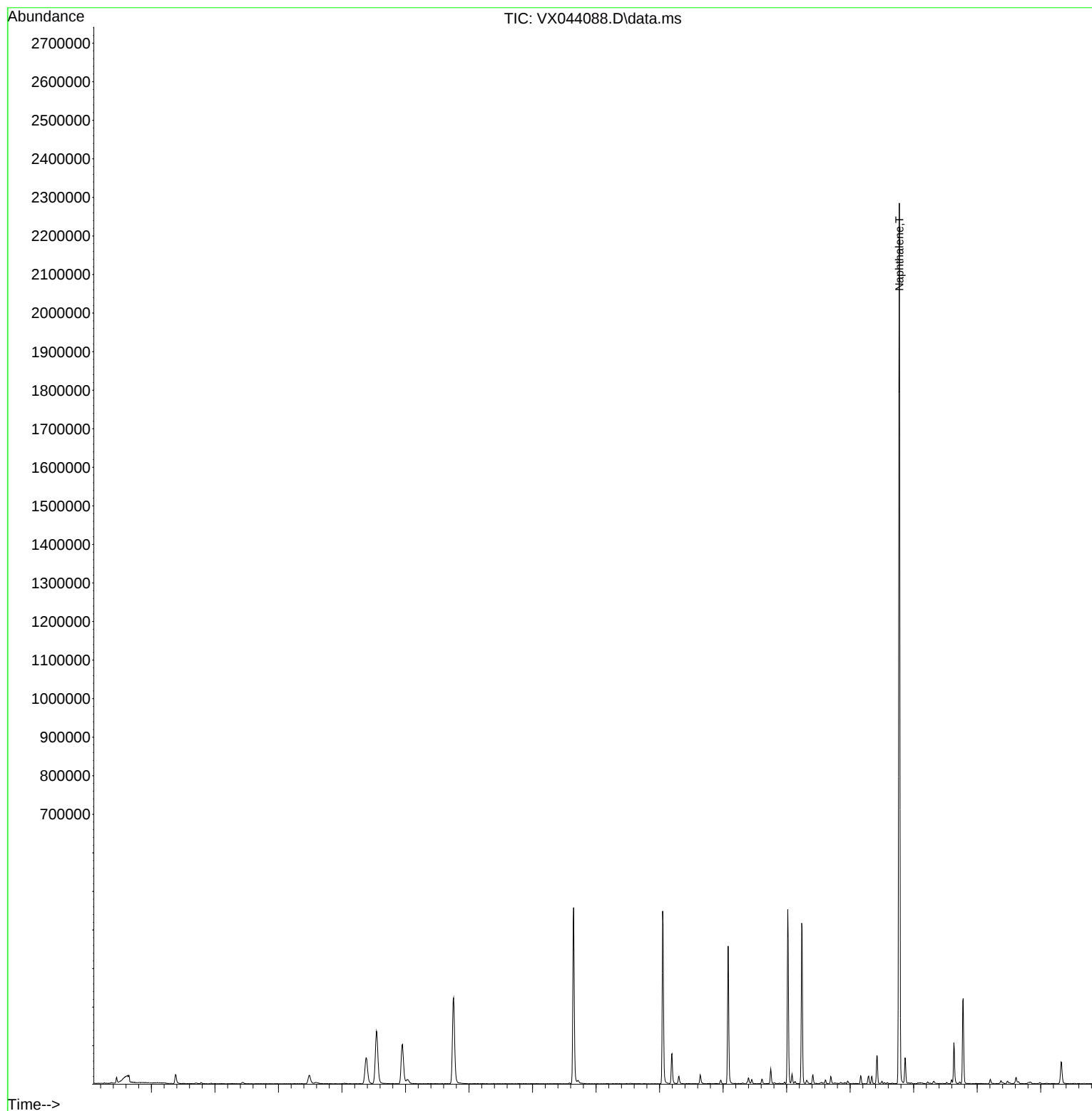
Internal Standards						
1) Pentafluorobenzene	5.544	168	117073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223904	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102649	51.120	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.240%			
35) Dibromofluoromethane	5.379	113	59515	37.199	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 74.400%#			
50) Toluene-d8	8.647	98	265422	48.127	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.260%			
62) 4-Bromofluorobenzene	11.079	95	90887	48.423	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.840%			
Target Compounds						
16) Acetone	2.380	43	27143	29.431	ug/l	98
18) Methyl Acetate	2.709	43	2237	1.042	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	13441	7.807	ug/l	90
40) Benzene	6.037	78	13024	2.097	ug/l	98
67) Ethyl Benzene	10.195	91	48349	6.852	ug/l	98
69) o-Xylene	10.640	106	4964	1.932	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	16996	3.293	ug/l	95
95) Naphthalene	13.774	128	1305144	222.610	ug/l	99

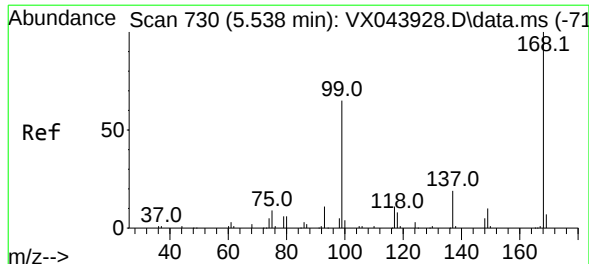
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044088.D
Acq On : 03 Dec 2024 13:24
Operator : JC/MD
Sample : P5006-01RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-2RE

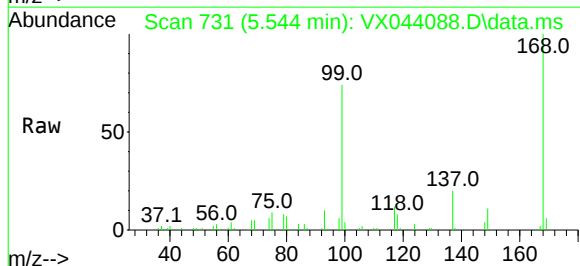
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



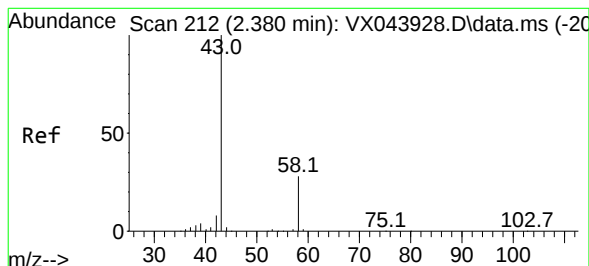
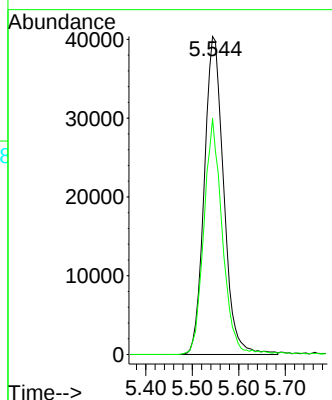
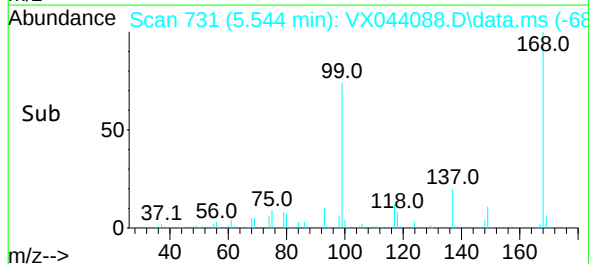


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044088.D
Acq: 03 Dec 2024 13:24

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-2RE

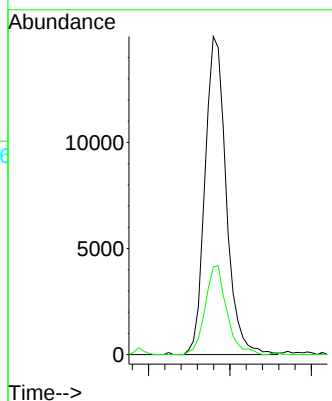
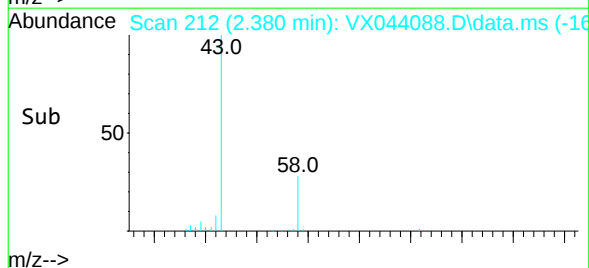
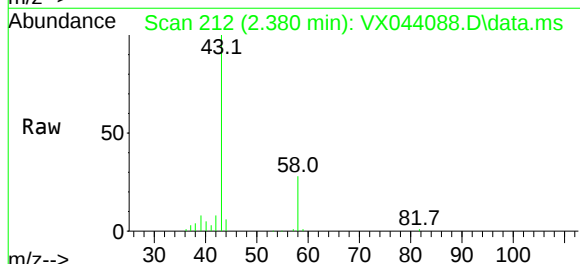


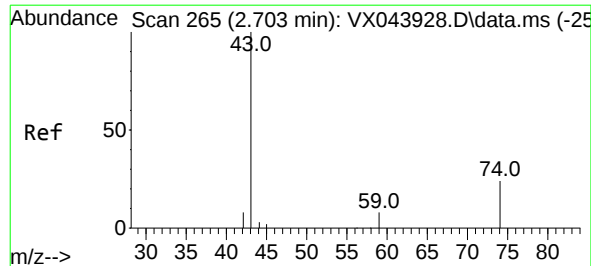
Tgt Ion: 168 Resp: 117073
Ion Ratio Lower Upper
168 100
99 74.2 51.8 77.8



#16
Acetone
Concen: 29.431 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044088.D
Acq: 03 Dec 2024 13:24

Tgt Ion: 43 Resp: 27143
Ion Ratio Lower Upper
43 100
58 27.6 22.7 34.1





#18

Methyl Acetate

Concen: 1.042 ug/l

RT: 2.709 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

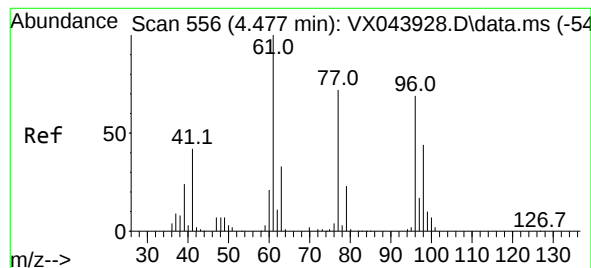
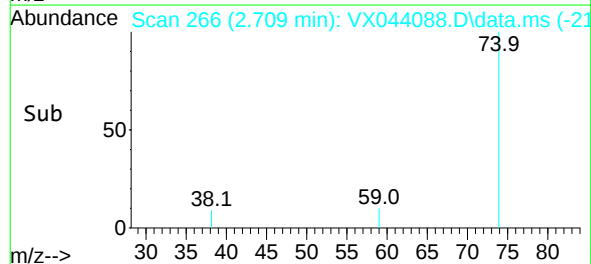
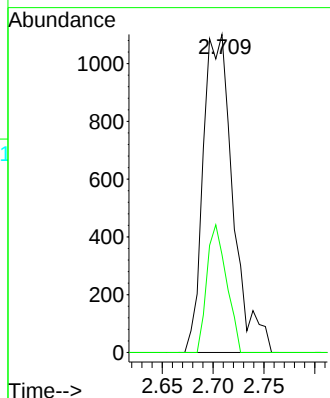
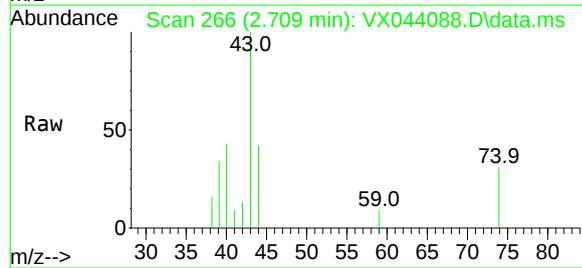
SPLP-C4-2RE

Tgt Ion: 43 Resp: 2237

Ion Ratio Lower Upper

43 100

74 26.5 18.9 28.3



#27

cis-1,2-Dichloroethene

Concen: 7.807 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

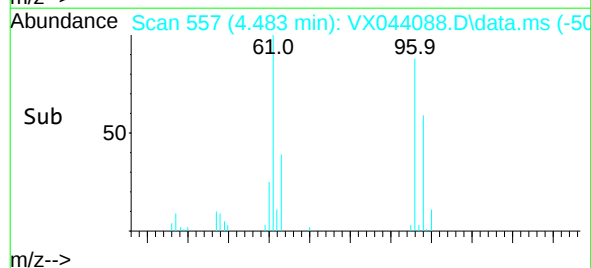
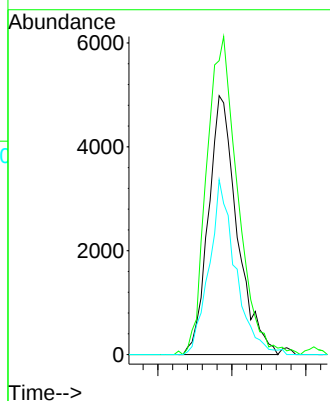
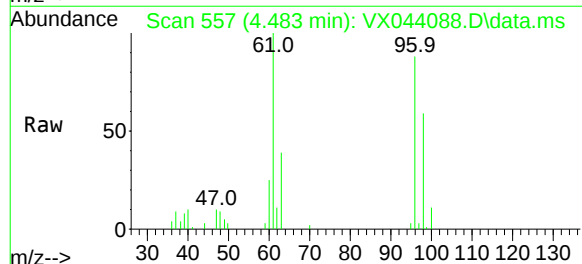
Tgt Ion: 96 Resp: 13441

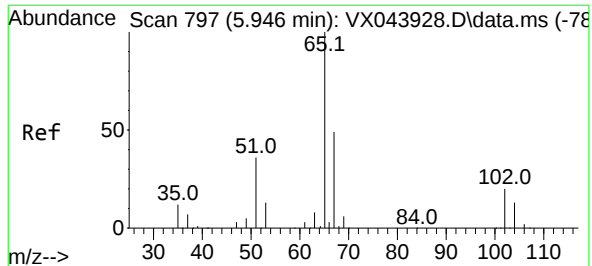
Ion Ratio Lower Upper

96 100

61 132.7 0.0 297.4

98 61.9 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 51.120 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

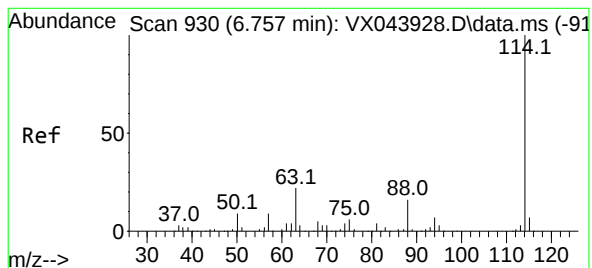
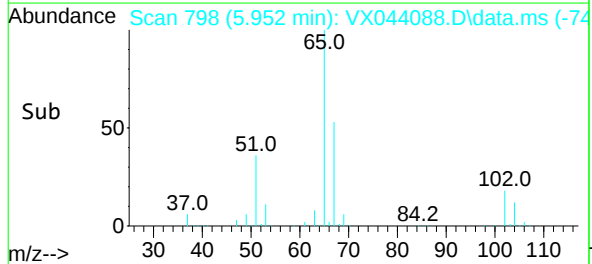
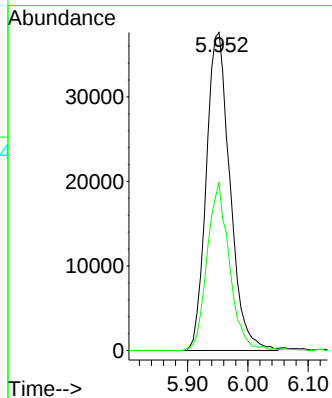
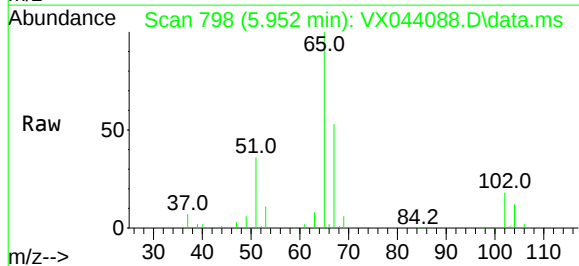
SPLP-C4-2RE

Tgt Ion: 65 Resp: 102649

Ion Ratio Lower Upper

65 100

67 49.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

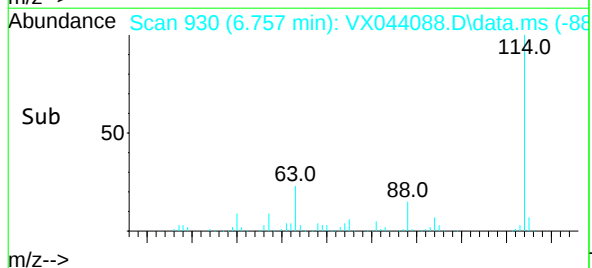
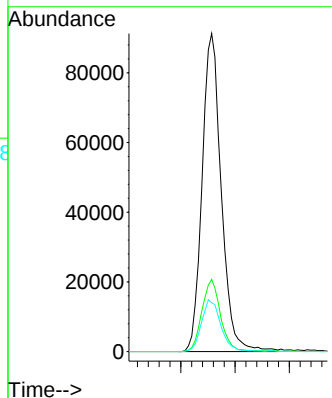
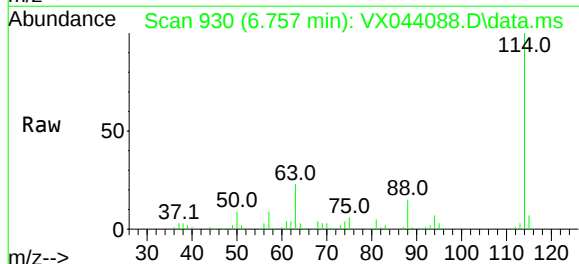
Tgt Ion: 114 Resp: 223904

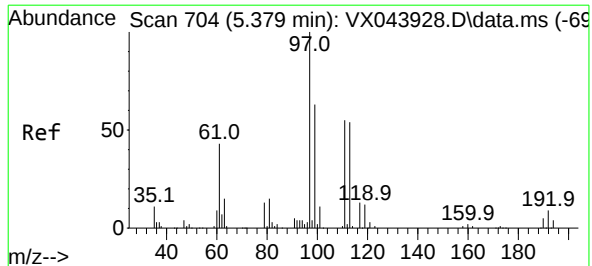
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.0

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 37.199 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044088.D

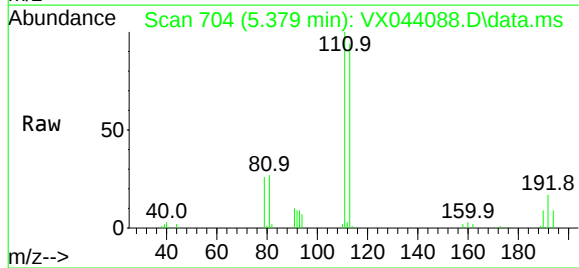
Acq: 03 Dec 2024 13:24

Instrument :

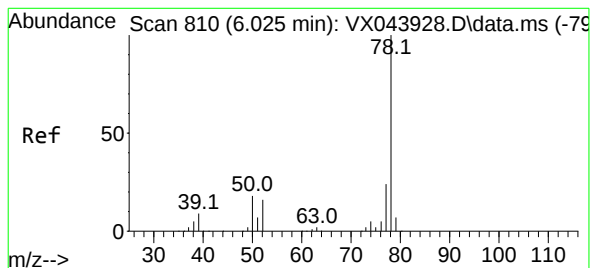
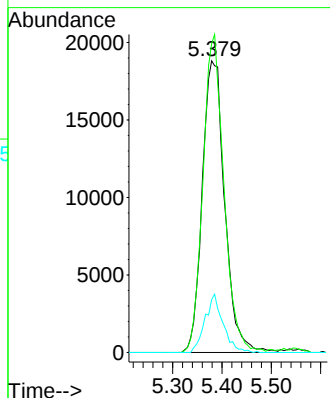
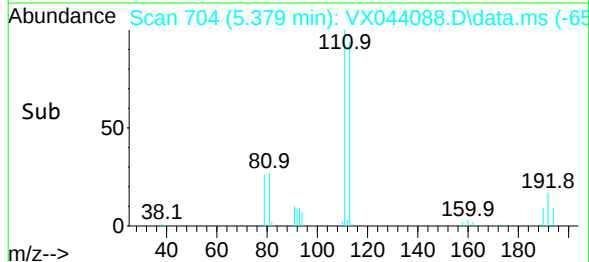
MSVOA_X

ClientSampleId :

SPLP-C4-2RE



Tgt Ion:	113	Resp:	59515
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.4
192	16.0	13.0	19.6



#40

Benzene

Concen: 2.097 ug/l

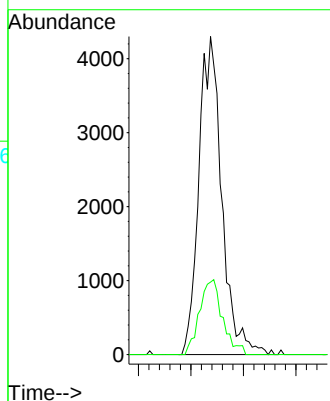
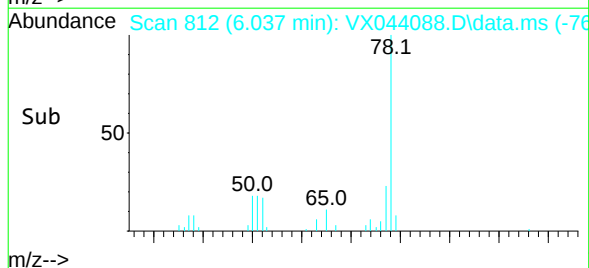
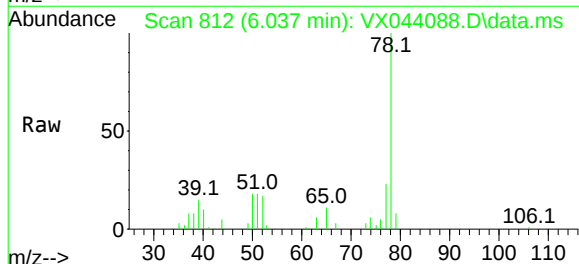
RT: 6.037 min Scan# 812

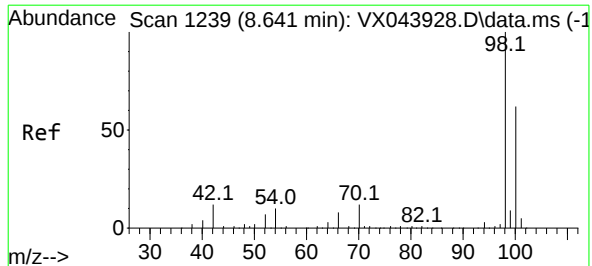
Delta R.T. 0.012 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

Tgt Ion:	78	Resp:	13024
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8





#50

Toluene-d8

Concen: 48.127 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044088.D

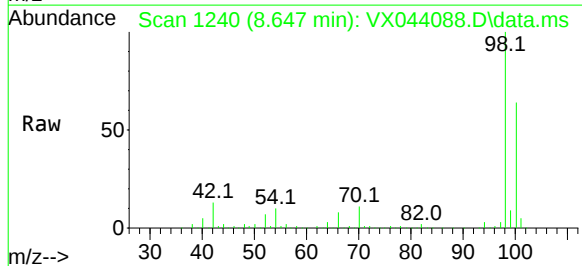
Acq: 03 Dec 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-2RE

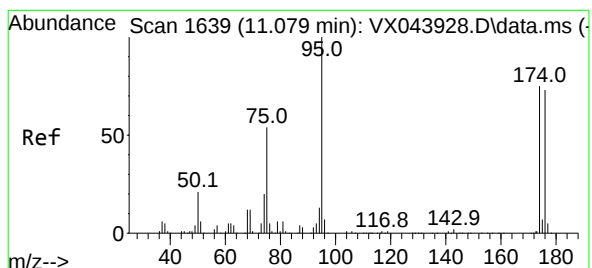
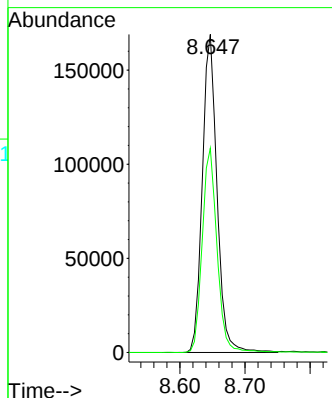
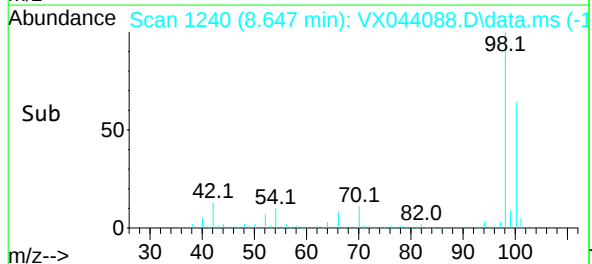


Tgt Ion: 98 Resp: 265422

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 48.423 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

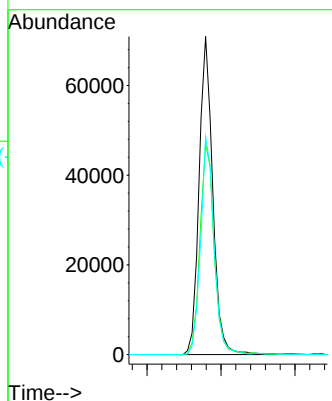
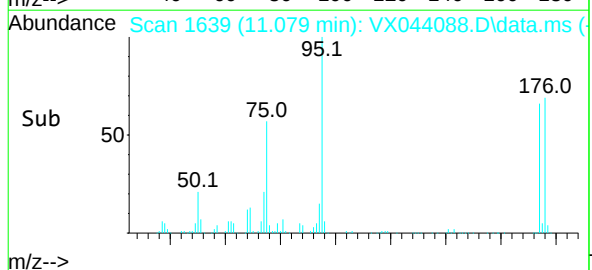
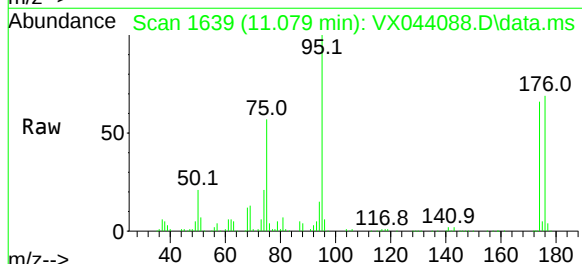
Tgt Ion: 95 Resp: 90887

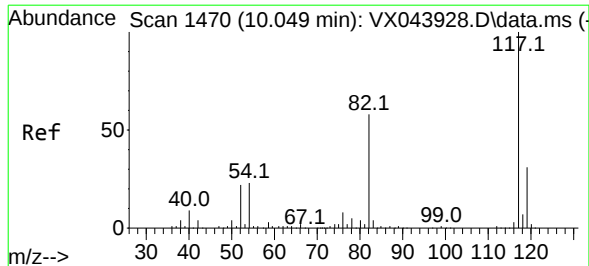
Ion Ratio Lower Upper

95 100

174 69.1 0.0 150.4

176 67.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-2RE

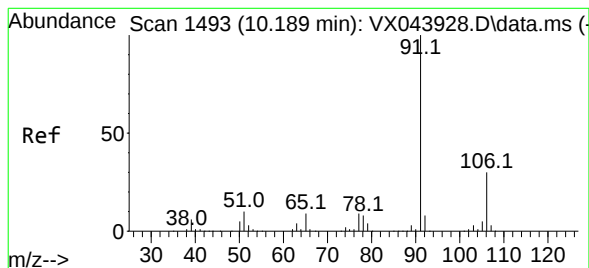
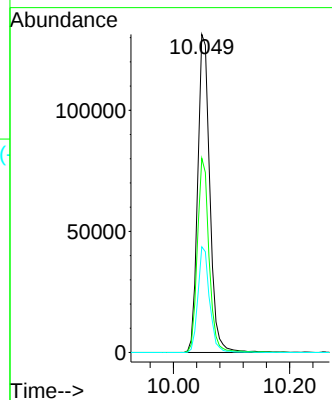
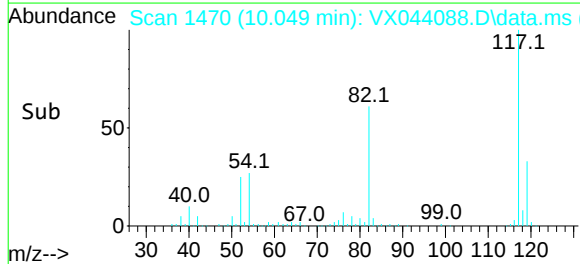
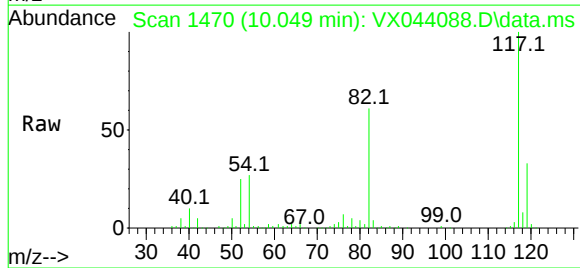
Tgt Ion:117 Resp: 189590

Ion Ratio Lower Upper

117 100

82 61.1 46.4 69.6

119 33.2 24.6 37.0



#67

Ethyl Benzene

Concen: 6.852 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044088.D

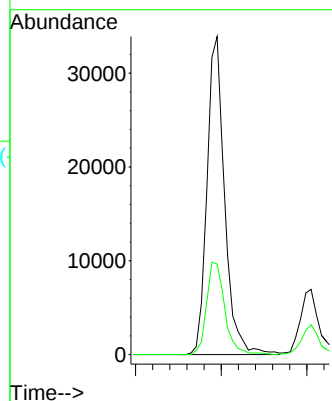
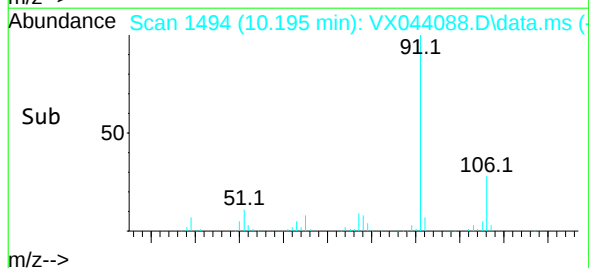
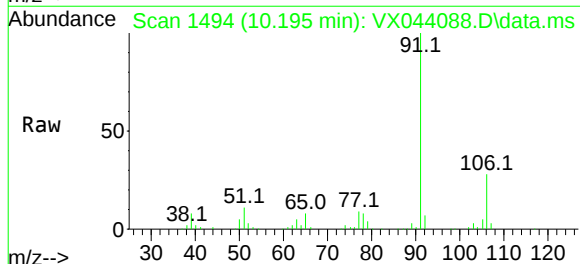
Acq: 03 Dec 2024 13:24

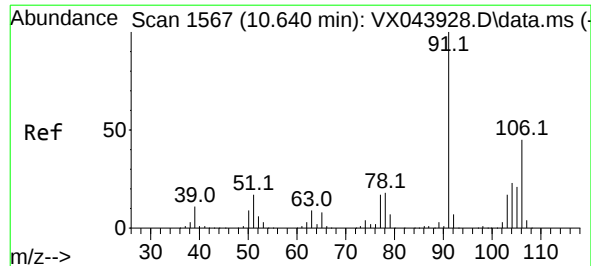
Tgt Ion: 91 Resp: 48349

Ion Ratio Lower Upper

91 100

106 28.5 23.6 35.4





#69

o-Xylene

Concen: 1.932 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

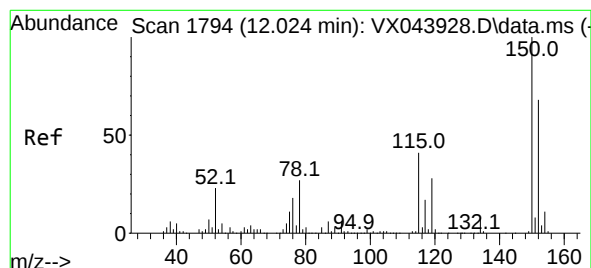
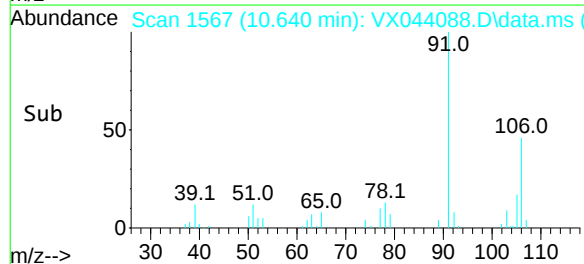
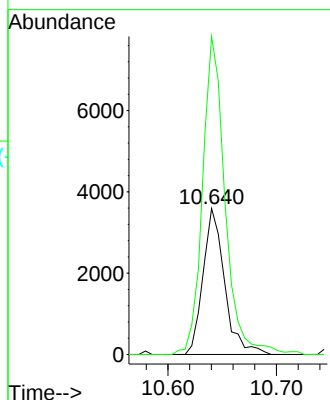
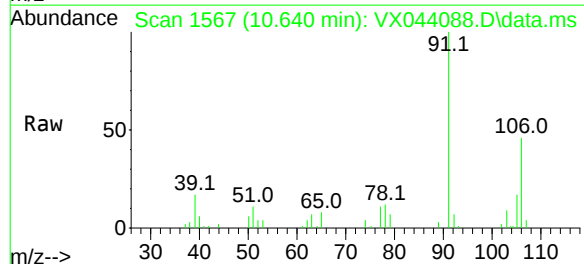
SPLP-C4-2RE

Tgt Ion:106 Resp: 4964

Ion Ratio Lower Upper

106 100

91 228.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

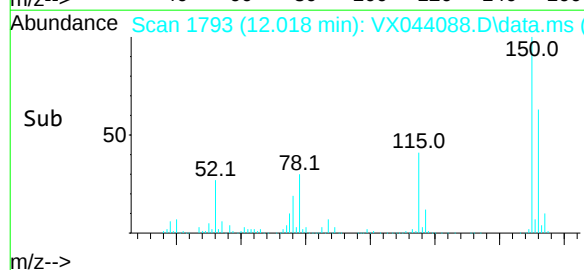
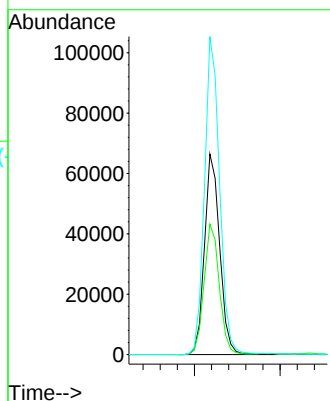
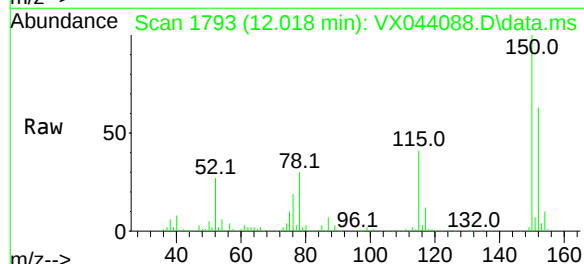
Tgt Ion:152 Resp: 81966

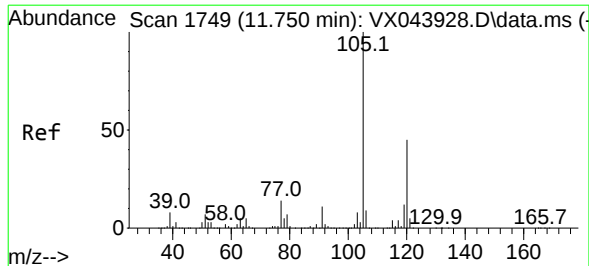
Ion Ratio Lower Upper

152 100

115 65.4 45.4 136.2

150 158.1 0.0 353.0





#84

1,2,4-Trimethylbenzene

Concen: 3.293 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

Instrument :

MSVOA_X

ClientSampleId :

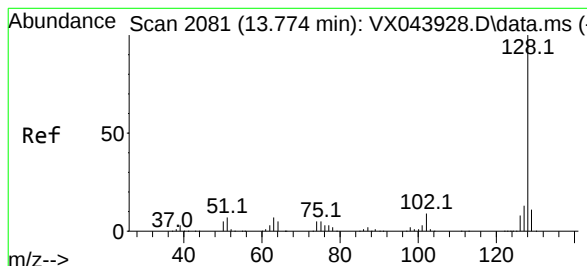
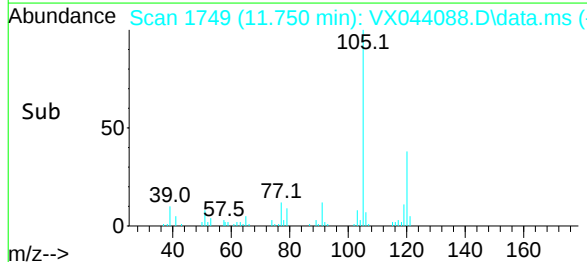
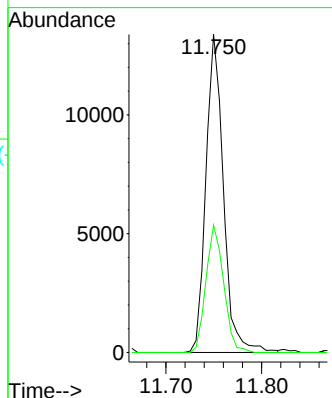
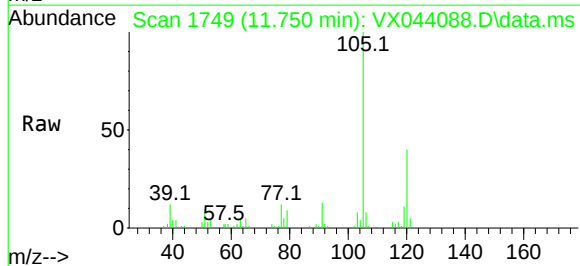
SPLP-C4-2RE

Tgt Ion:105 Resp: 16996

Ion Ratio Lower Upper

105 100

120 40.5 21.9 65.7



#95

Naphthalene

Concen: 222.610 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044088.D

Acq: 03 Dec 2024 13:24

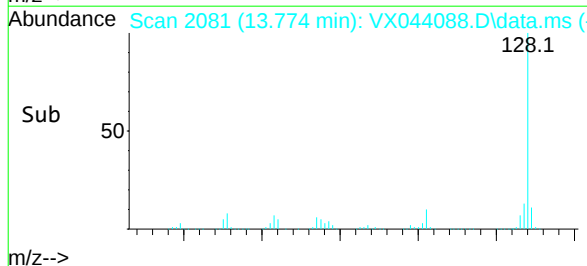
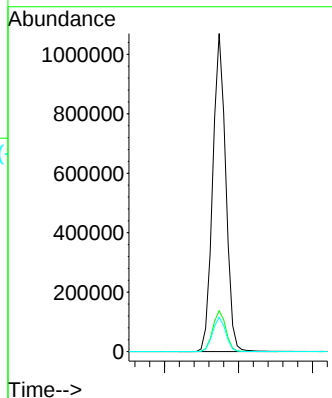
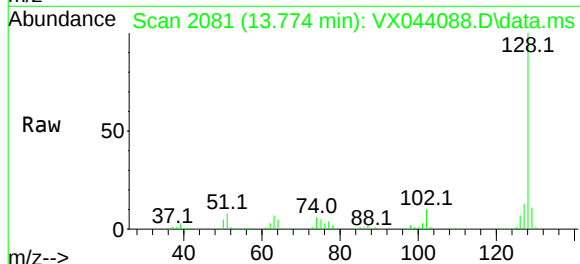
Tgt Ion:128 Resp: 1305144

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C4-3	SDG No.:	P5006
Lab Sample ID:	P5006-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044089.D	1		12/03/24 13:47	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	19.5	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.60	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C4-3	SDG No.:	P5006
Lab Sample ID:	P5006-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044089.D	1		12/03/24 13:47	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	3.10	J	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	0.14	U	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	38.5		70 (75) - 130 (124)	77%	SPK: 50
2037-26-5	Toluene-d8	50.1		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.0		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	113000	5.544			
540-36-3	1,4-Difluorobenzene	220000	6.751			
3114-55-4	Chlorobenzene-d5	195000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	89500	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C4-3		SDG No.:	P5006	
Lab Sample ID:	P5006-02		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044089.D	1		12/03/24 13:47	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044089.D
 Acq On : 03 Dec 2024 13:47
 Operator : JC/MD
 Sample : P5006-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C4-3

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:44:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	112757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	220233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	195286	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	103087	53.303	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.600%			
35) Dibromofluoromethane	5.379	113	60552	38.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 76.960%			
50) Toluene-d8	8.647	98	271904	50.124	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.240%			
62) 4-Bromofluorobenzene	11.079	95	97762	52.955	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.900%			
Target Compounds						
16) Acetone	2.380	43	17325	19.504	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	2630m	1.586	ug/l	
67) Ethyl Benzene	10.195	91	22563	3.105	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	12797	2.270	ug/l	93
95) Naphthalene	13.774	128	1092260	170.566	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

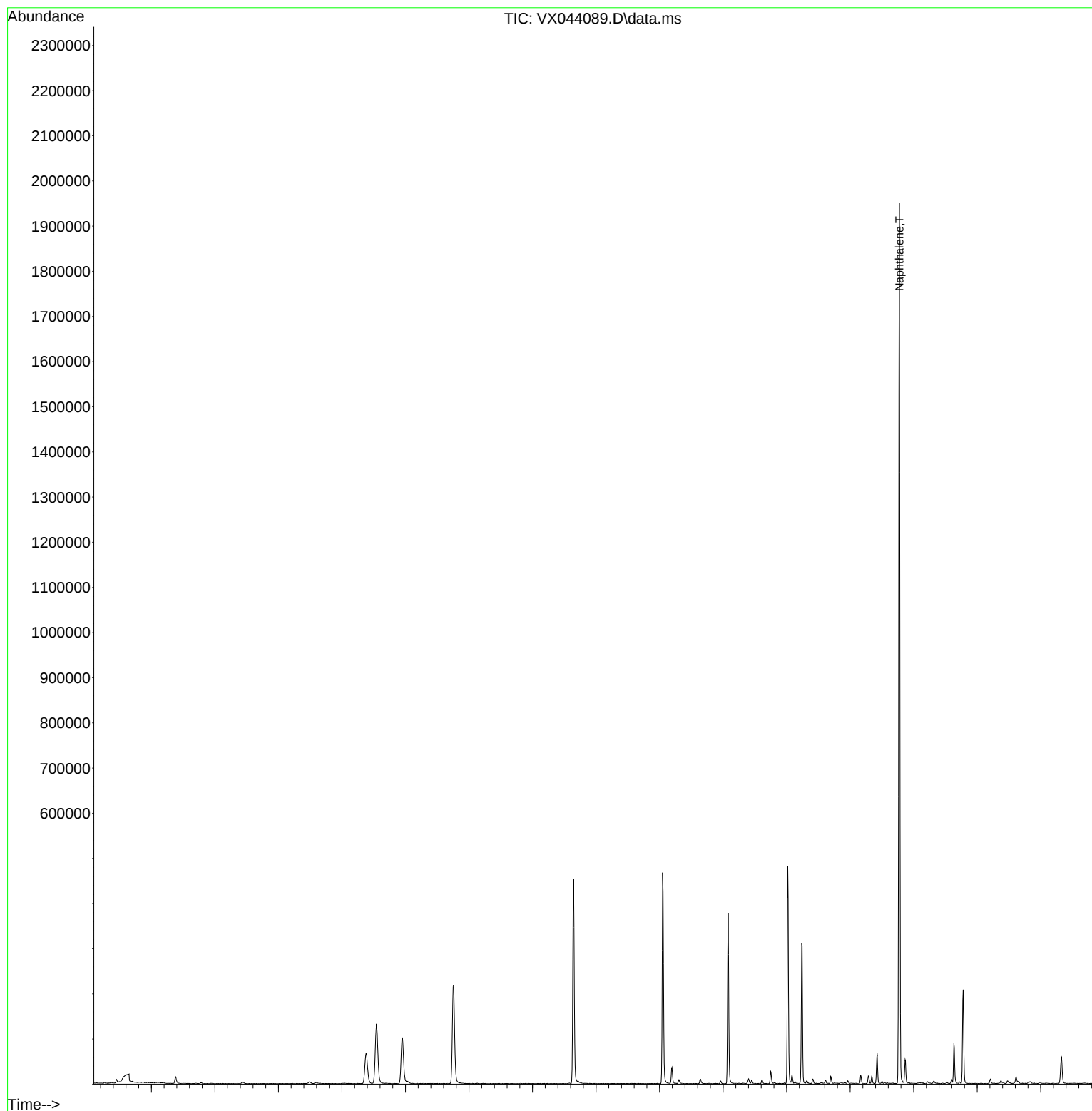
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044089.D
Acq On : 03 Dec 2024 13:47
Operator : JC/MD
Sample : P5006-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

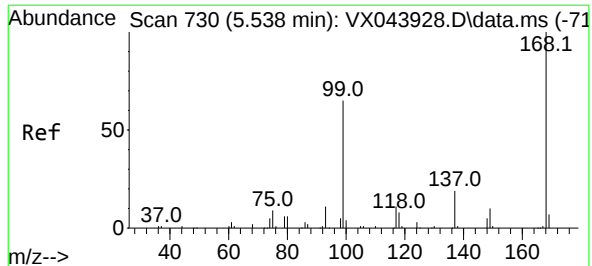
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-3

Quant Time: Dec 03 23:44:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

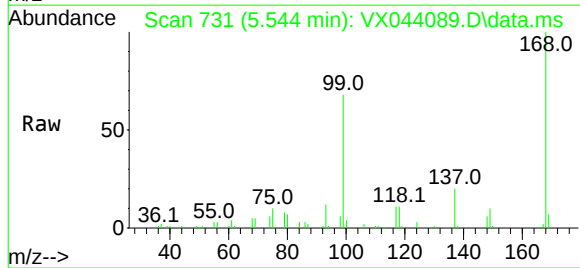
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044089.D
Acq: 03 Dec 2024 13:47

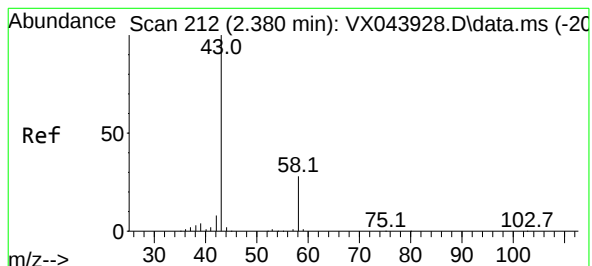
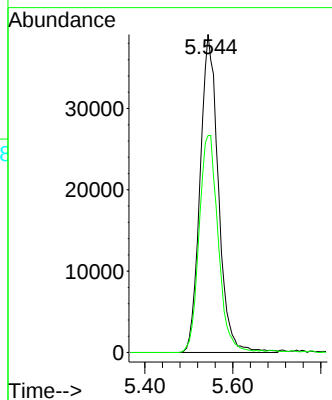
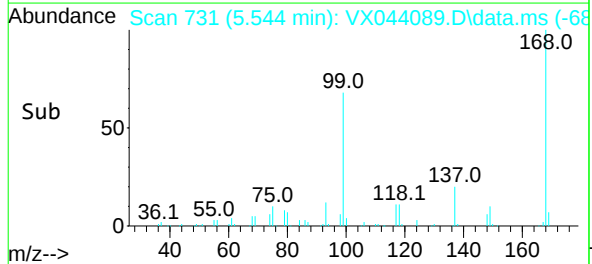
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-3



Tgt Ion: 168 Resp: 112757
Ion Ratio Lower Upper
168 100
99 68.2 51.8 77.8

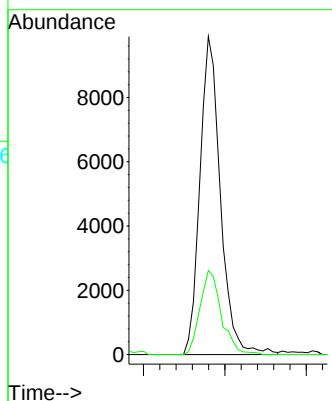
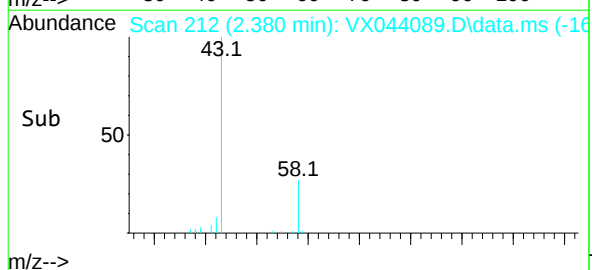
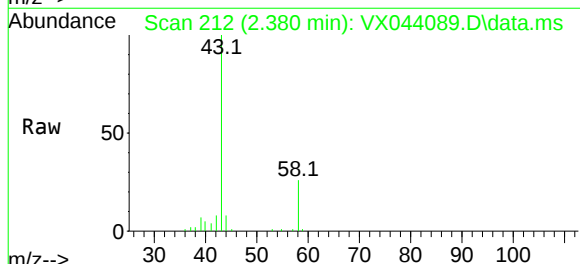
Manual Integrations
APPROVED

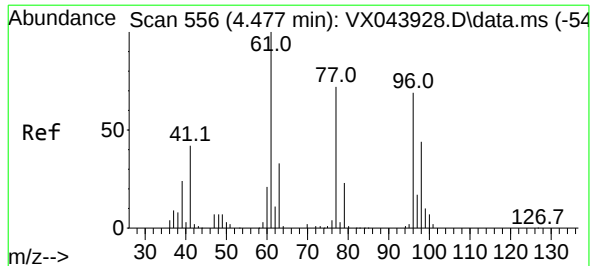
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#16
Acetone
Concen: 19.504 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044089.D
Acq: 03 Dec 2024 13:47

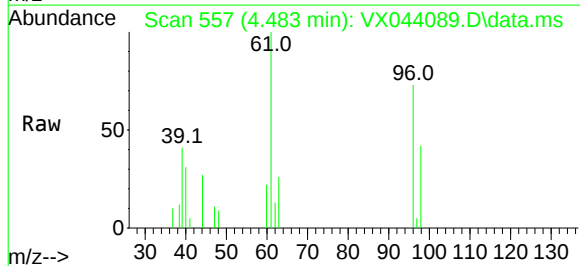
Tgt Ion: 43 Resp: 17325
Ion Ratio Lower Upper
43 100
58 26.4 22.7 34.1





#27
cis-1,2-Dichloroethene
Concen: 1.586 ug/l m
RT: 4.483 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX044089.D
Acq: 03 Dec 2024 13:47

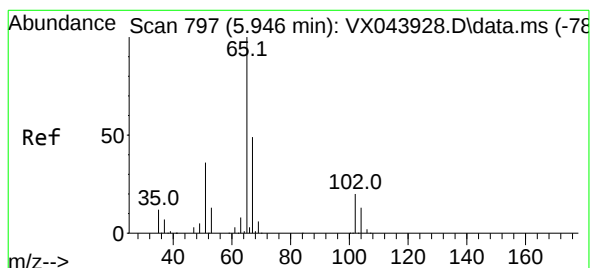
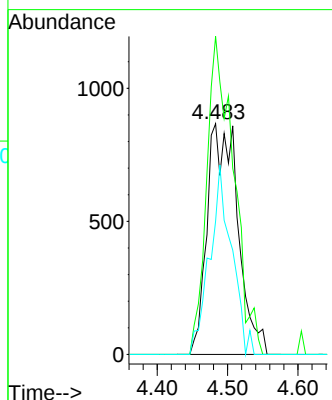
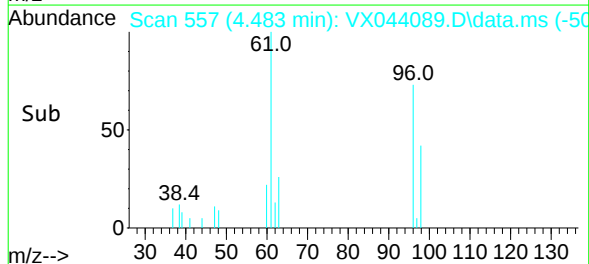
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-3



Tgt Ion: 96 Resp: 2630
Ion Ratio Lower Upper
96 100
61 121.0 0.0 297.4
98 58.6 0.0 127.8

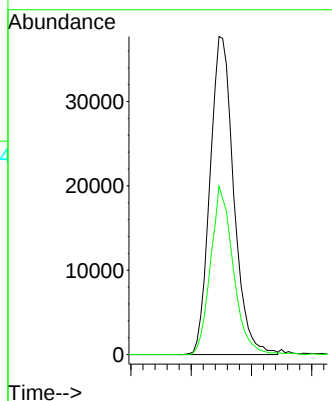
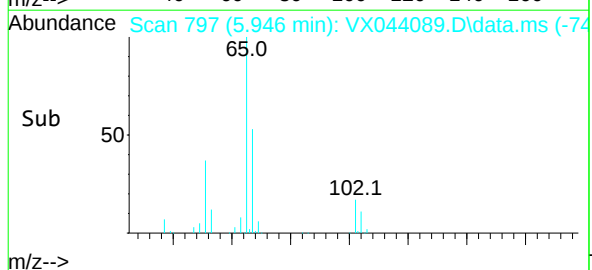
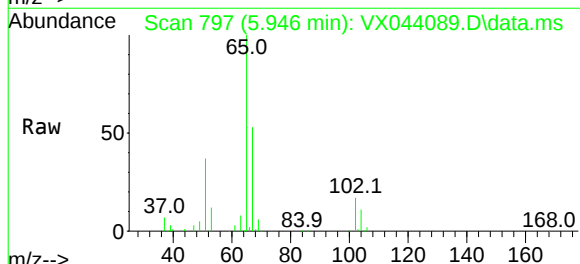
Manual Integrations
APPROVED

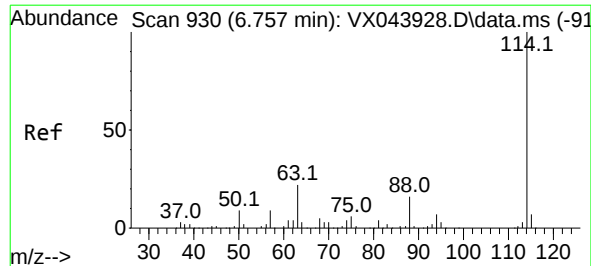
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#33
1,2-Dichloroethane-d4
Concen: 53.303 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044089.D
Acq: 03 Dec 2024 13:47

Tgt Ion: 65 Resp: 103087
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8





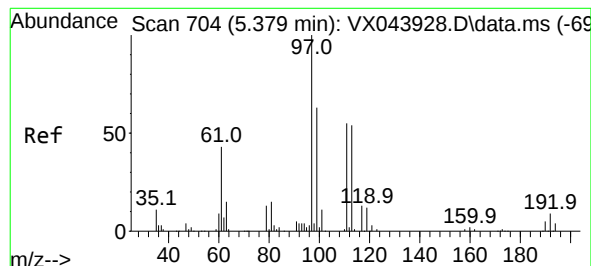
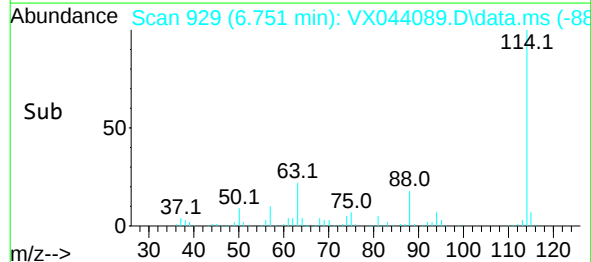
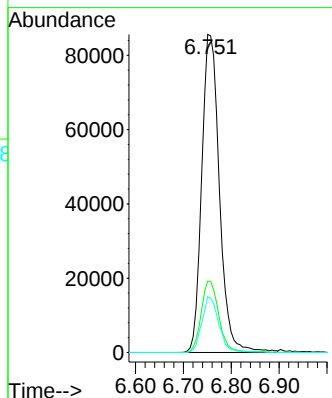
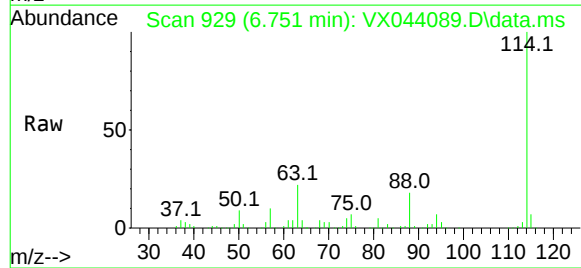
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 92
Delta R.T. -0.006 min
Lab File: VX044089.D
Acq: 03 Dec 2024 13:47

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-3

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	17.5	0.0	32.4

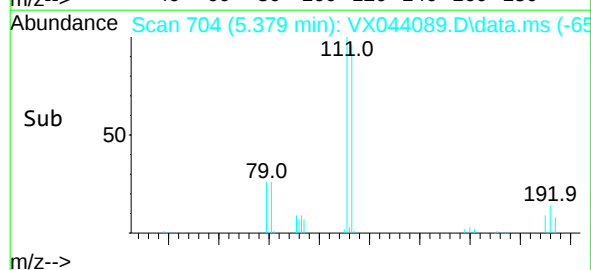
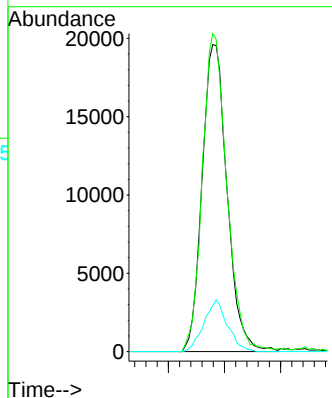
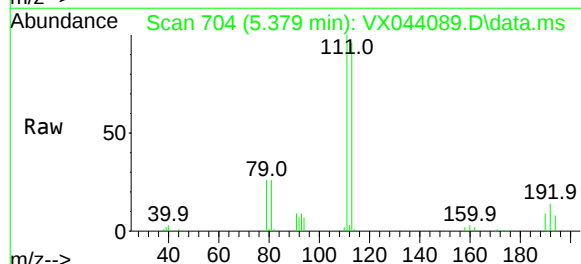
Manual Integrations
APPROVED

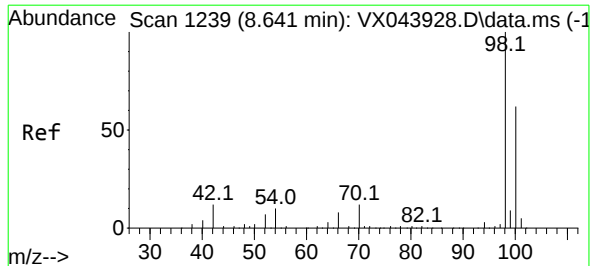
Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



#35
Dibromofluoromethane
Concen: 38.478 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX044089.D
Acq: 03 Dec 2024 13:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.0	121.4
192	15.9	13.0	19.6





#50

Toluene-d8

Concen: 50.124 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044089.D

Acq: 03 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-3

Tgt Ion: 98 Resp: 271904

Ion Ratio Lower Upper

98 100

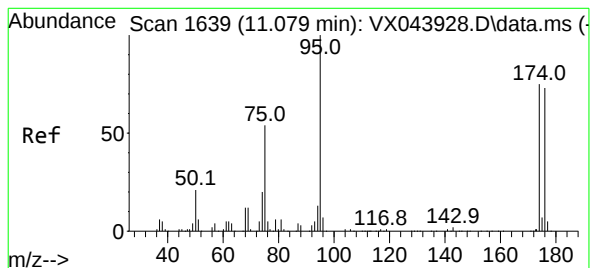
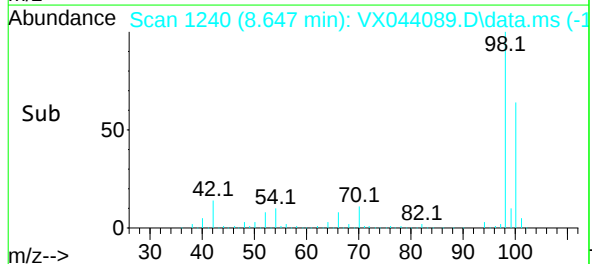
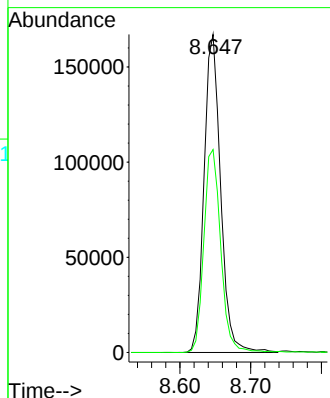
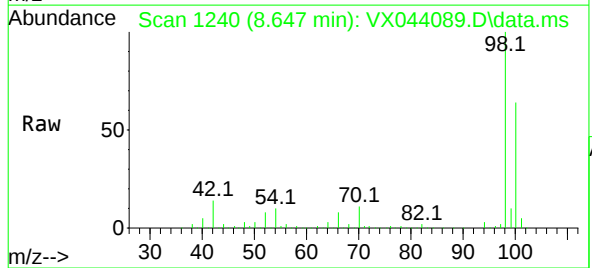
100 65.2 52.6 79.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#62

4-Bromofluorobenzene

Concen: 52.955 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044089.D

Acq: 03 Dec 2024 13:47

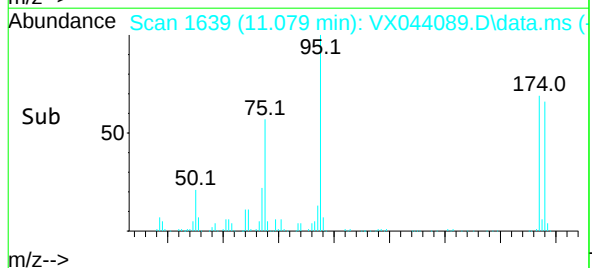
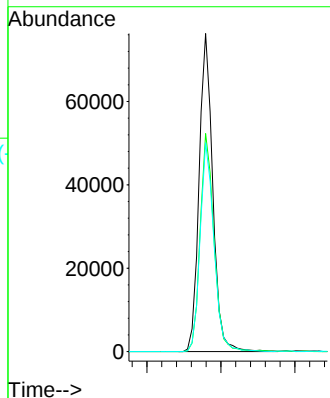
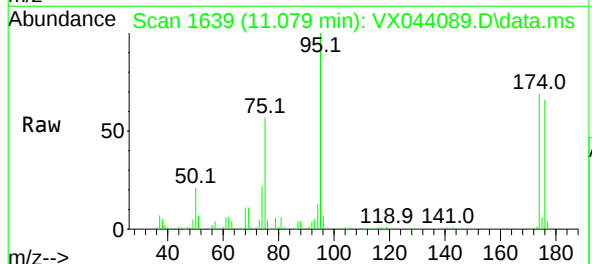
Tgt Ion: 95 Resp: 97762

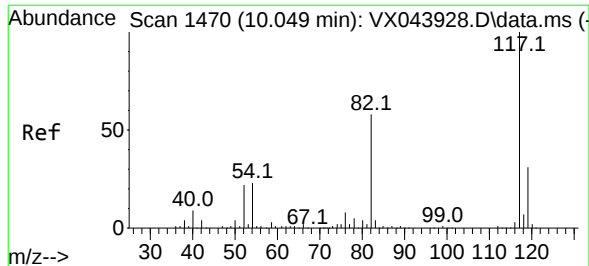
Ion Ratio Lower Upper

95 100

174 69.2 0.0 150.4

176 66.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044089.D

Acq: 03 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-3

Tgt Ion:117 Resp: 195286

Ion Ratio Lower Upper

117 100

82 62.1 46.4 69.6

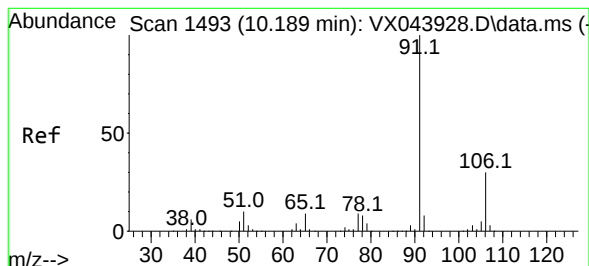
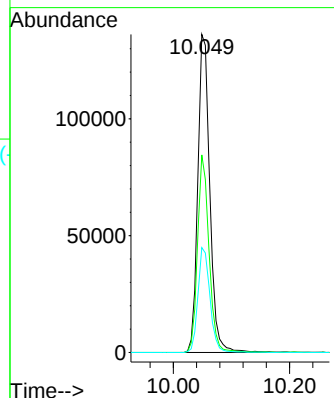
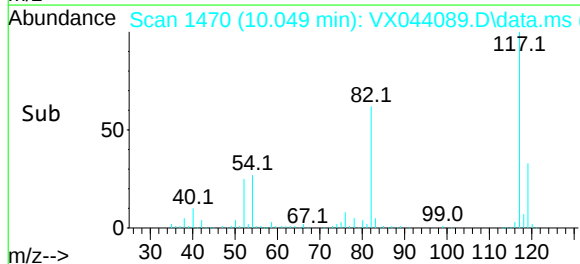
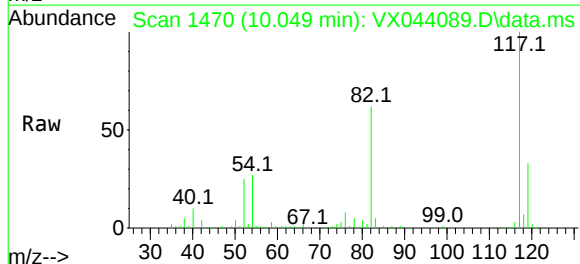
119 33.0 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#67

Ethyl Benzene

Concen: 3.105 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044089.D

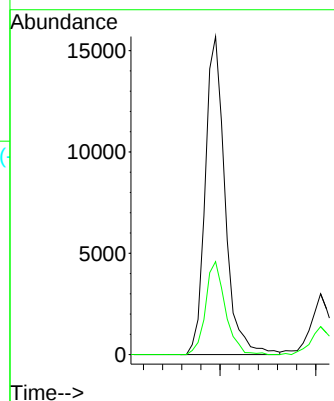
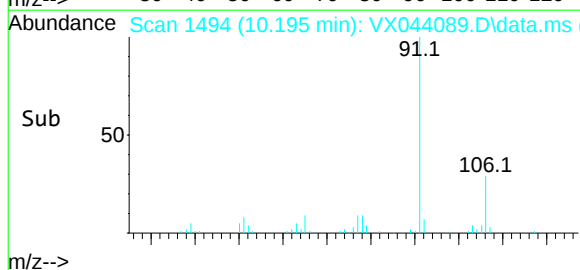
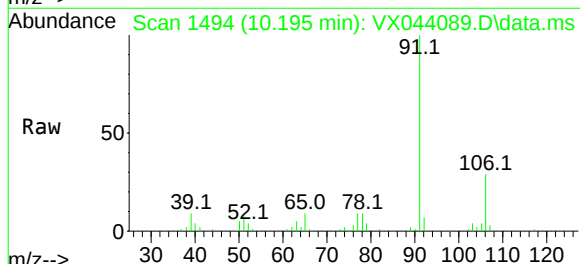
Acq: 03 Dec 2024 13:47

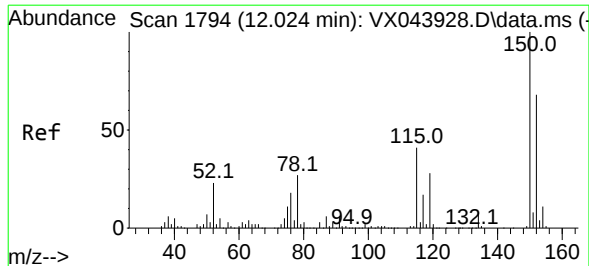
Tgt Ion: 91 Resp: 22563

Ion Ratio Lower Upper

91 100

106 29.2 23.6 35.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VX044089.D

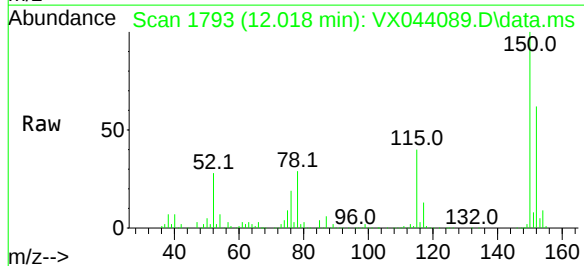
Acq: 03 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-3



Tgt Ion:152 Resp: 89527

Ion Ratio Lower Upper

152 100

115 62.8 45.4 136.2

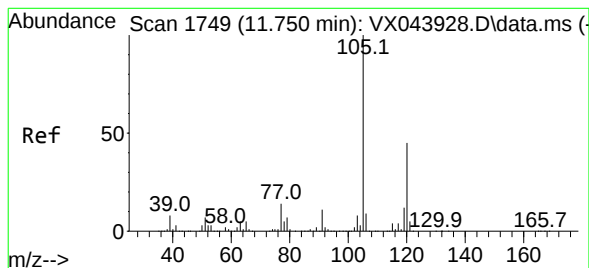
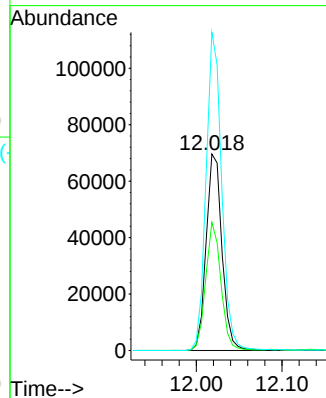
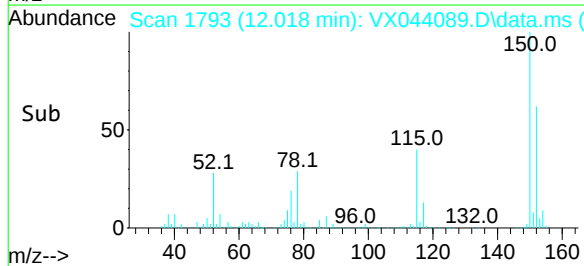
150 158.9 0.0 353.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



#84

1,2,4-Trimethylbenzene

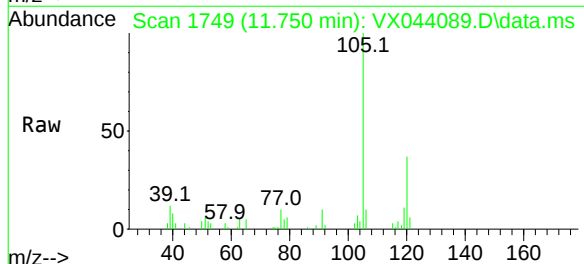
Concen: 2.270 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044089.D

Acq: 03 Dec 2024 13:47

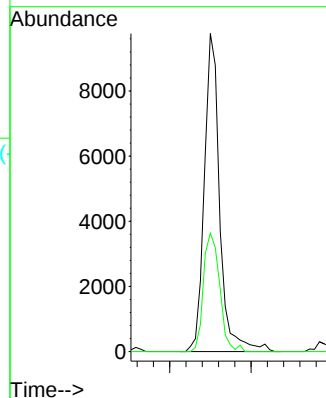
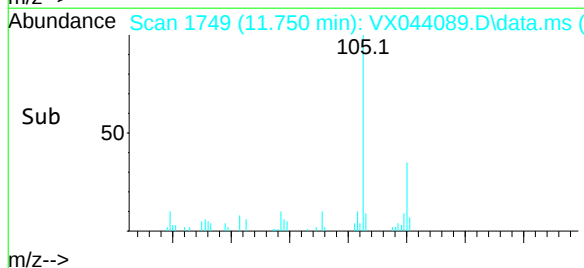


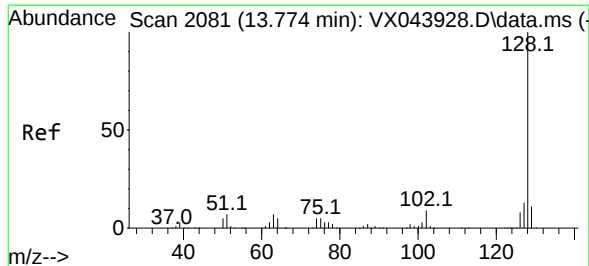
Tgt Ion:105 Resp: 12797

Ion Ratio Lower Upper

105 100

120 39.2 21.9 65.7





#95

Naphthalene

Concen: 170.566 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044089.D

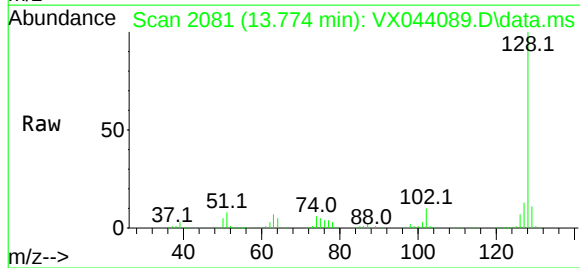
Acq: 03 Dec 2024 13:47

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C4-3



Tgt Ion:128 Resp: 1092266

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

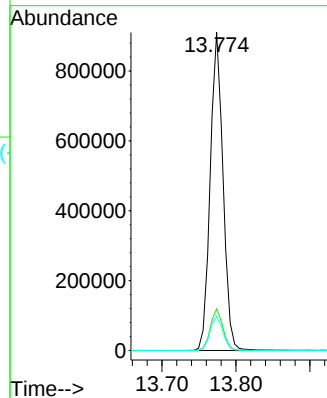
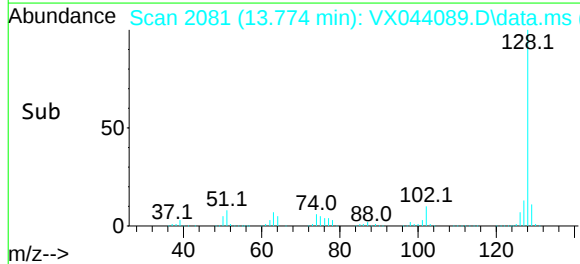
129 10.9 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/04/2024

Supervised By :Mahesh Dadoda 12/04/2024



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044089.D
 Acq On : 03 Dec 2024 13:47
 Operator : JC/MD
 Sample : P5006-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C4-3

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Title : SW846 8260

Signal : TIC: VX044089.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.612	69	86	88	rBV6	16207	72353	3.08%	0.956%
2	2.380	206	212	221	rBV	15089	27324	1.16%	0.361%
3	5.379	694	704	720	rBV	66758	204479	8.71%	2.703%
4	5.544	720	731	749	rVV	131888	379019	16.15%	5.010%
5	5.946	786	797	808	rBV2	102304	282639	12.05%	3.736%
6	6.757	920	930	953	rBV	217050	548088	23.36%	7.244%
7	8.647	1233	1240	1249	rBV	453825	743677	31.69%	9.830%
8	10.049	1464	1470	1483	rBV	467459	657582	28.03%	8.692%
9	10.195	1489	1494	1501	rVB	35411	49874	2.13%	0.659%
10	11.079	1634	1639	1654	rBV	377693	488556	20.82%	6.458%
11	11.750	1744	1749	1754	rBV	26553	35855	1.53%	0.474%
12	12.018	1788	1793	1801	rBV	481311	605470	25.80%	8.003%
13	12.238	1821	1829	1839	rBV	310154	411118	17.52%	5.434%
14	13.164	1977	1981	1987	rBV	17754	24396	1.04%	0.322%
15	13.426	2018	2024	2032	rBV	62844	86185	3.67%	1.139%
16	13.774	2076	2081	2091	rBV	1948057	2346358	100.00%	31.013%
17	13.865	2091	2096	2103	rVB	52129	70011	2.98%	0.925%
18	14.634	2218	2222	2233	rVB	88518	116564	4.97%	1.541%
19	14.780	2240	2246	2258	rVB	207930	279198	11.90%	3.690%
20	15.615	2374	2383	2387	rBV	14433	26721	1.14%	0.353%
21	16.328	2492	2500	2514	rBV	58256	110193	4.70%	1.456%

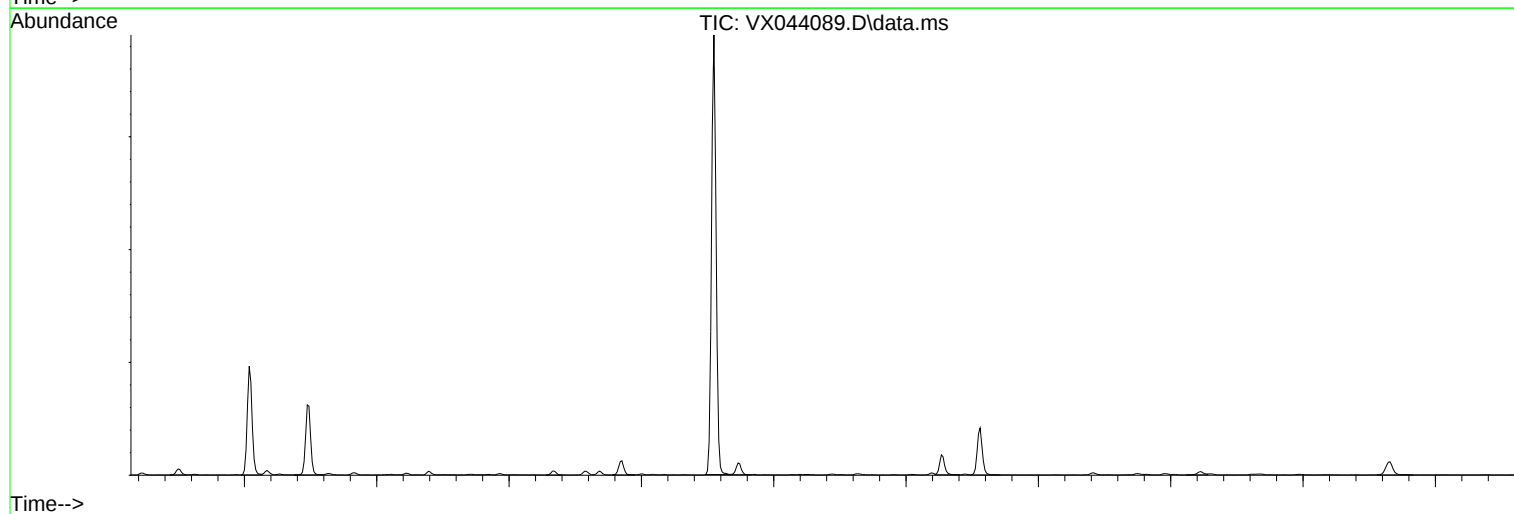
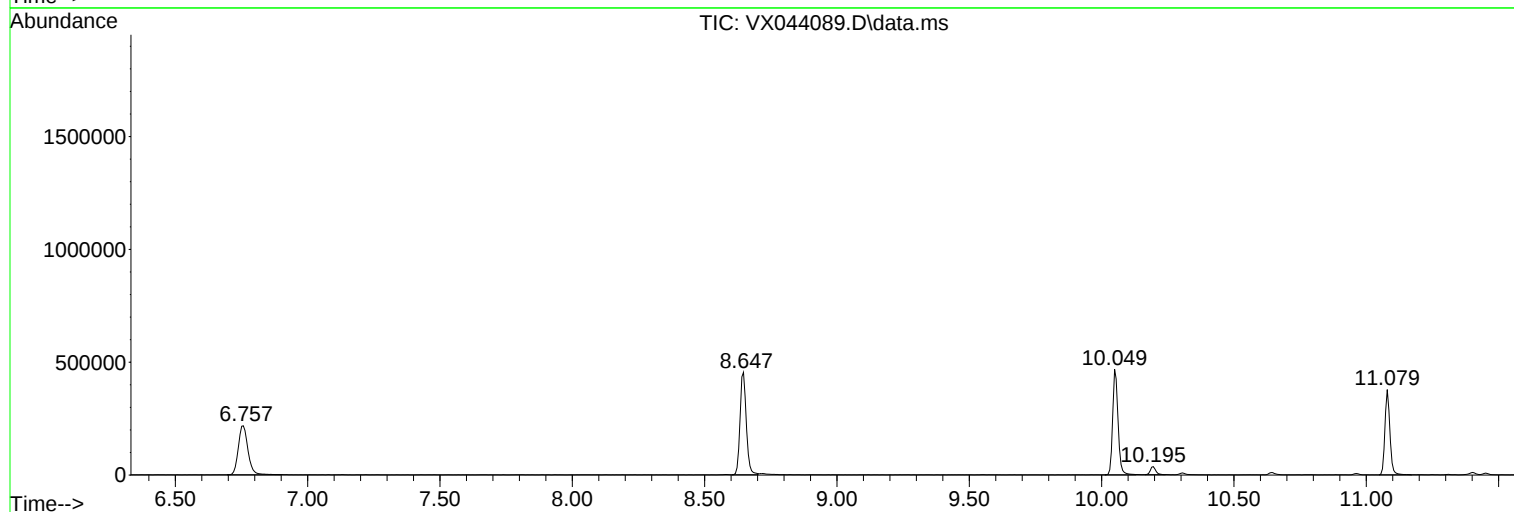
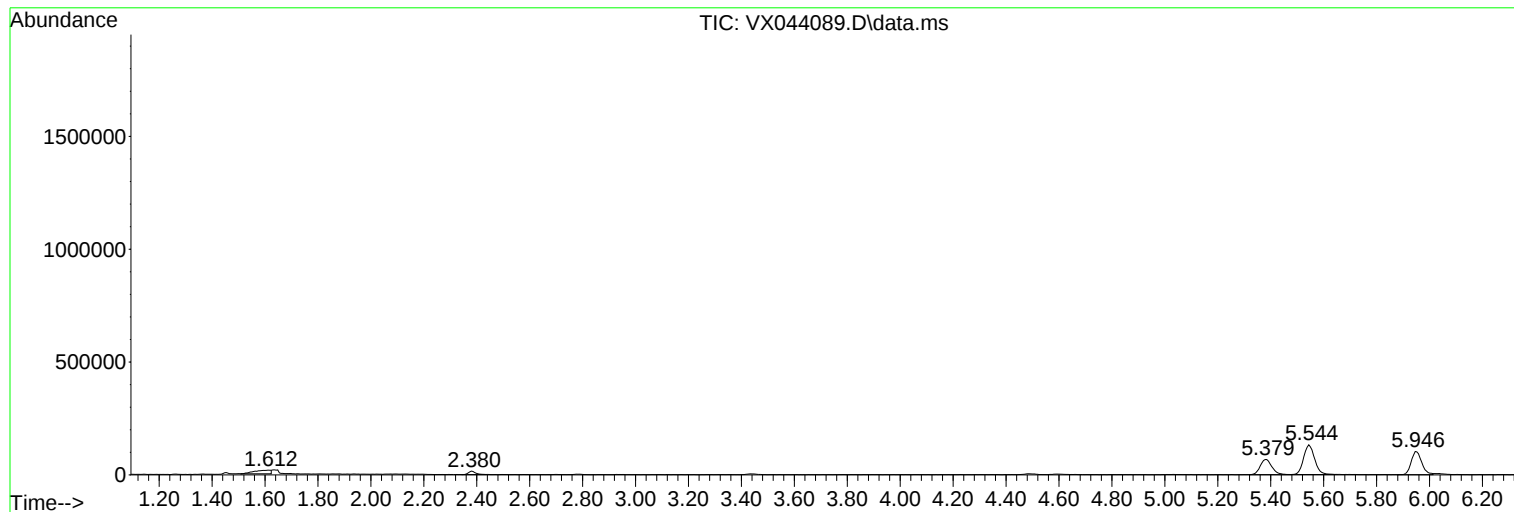
Sum of corrected areas: 7565660

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044089.D
Acq On : 03 Dec 2024 13:47
Operator : JC/MD
Sample : P5006-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044089.D
Acq On : 03 Dec 2024 13:47
Operator : JC/MD
Sample : P5006-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044089.D
Acq On : 03 Dec 2024 13:47
Operator : JC/MD
Sample : P5006-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C4-3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-1	SDG No.:	P5006
Lab Sample ID:	P5006-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044091.D	1		12/03/24 14:33	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	42.4		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	6.40	J	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	9.70		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	3.10	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	1.40	J	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-1	SDG No.:	P5006
Lab Sample ID:	P5006-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044091.D	1		12/03/24 14:33	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	10.3		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	3.30	J	0.31	10.0	ug/L
95-47-6	o-Xylene	4.20	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	1.20	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.8		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	35.8		70 (75) - 130 (124)	72%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	115000	5.544			
540-36-3	1,4-Difluorobenzene	227000	6.757			
3114-55-4	Chlorobenzene-d5	195000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	88100	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-1	SDG No.:	P5006
Lab Sample ID:	P5006-03	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044091.D	1		12/03/24 14:33	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044091.D
 Acq On : 03 Dec 2024 14:33
 Operator : JC/MD
 Sample : P5006-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C5-1

Quant Time: Dec 03 23:46:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

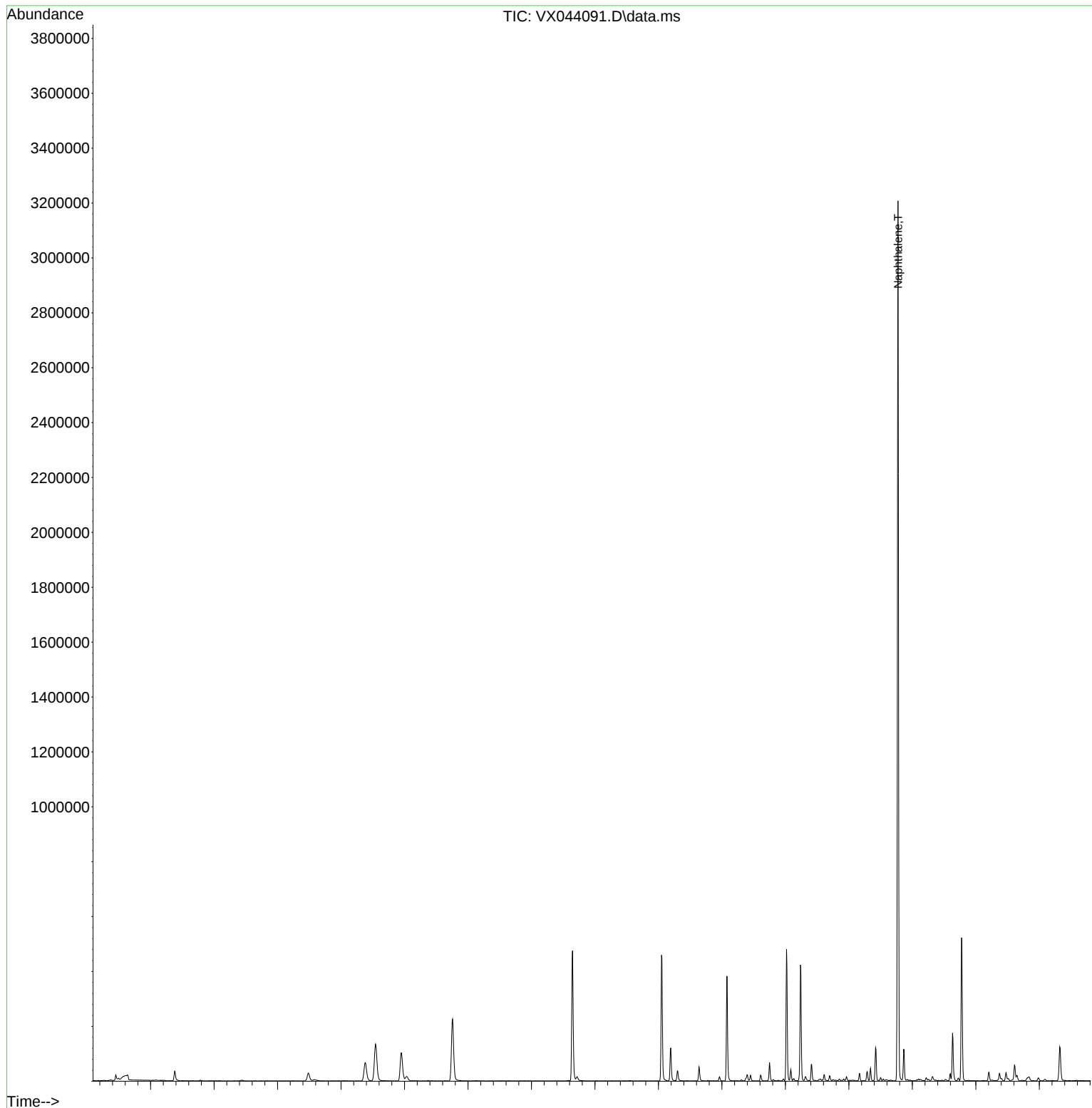
Internal Standards						
1) Pentafluorobenzene	5.544	168	114961	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	227218	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	195298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102210	51.836	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.680%			
35) Dibromofluoromethane	5.385	113	58124	35.800	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 71.600%#			
50) Toluene-d8	8.647	98	278574	49.775	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.540%			
62) 4-Bromofluorobenzene	11.079	95	96093	50.450	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.900%			
Target Compounds						
16) Acetone	2.380	43	38435	42.440	ug/l	97
25) 2-Butanone	4.568	43	7501	6.419	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	16406	9.704	ug/l	91
40) Benzene	6.044	78	19370	3.074	ug/l	94
52) Toluene	8.720	92	5369	1.423	ug/l	96
67) Ethyl Benzene	10.195	91	74964	10.314	ug/l	98
68) m/p-Xylenes	10.305	106	8948	3.301	ug/l	91
69) o-Xylene	10.640	106	11071	4.183	ug/l	99
73) Isopropylbenzene	10.963	105	8076	1.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	8690	1.560	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	27399	4.940	ug/l	100
95) Naphthalene	13.774	128	1735797	275.478	ug/l	99

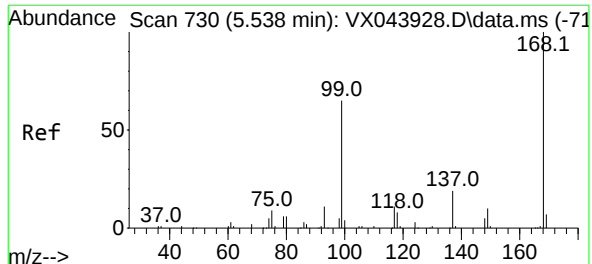
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044091.D
Acq On : 03 Dec 2024 14:33
Operator : JC/MD
Sample : P5006-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-1

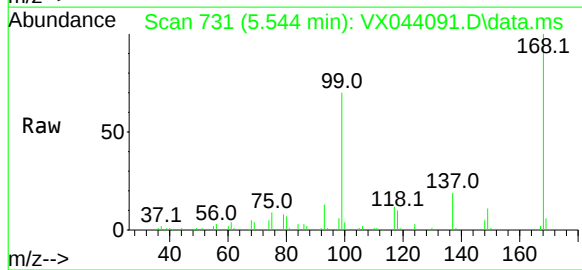
Quant Time: Dec 03 23:46:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



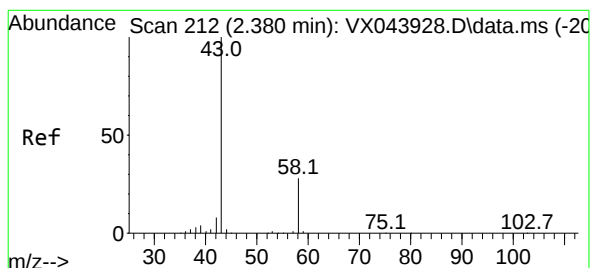
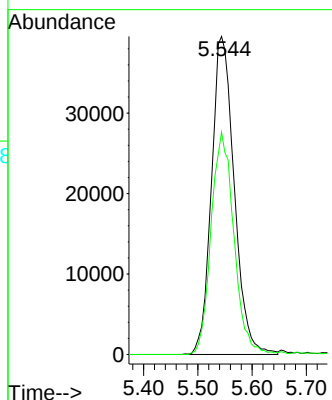
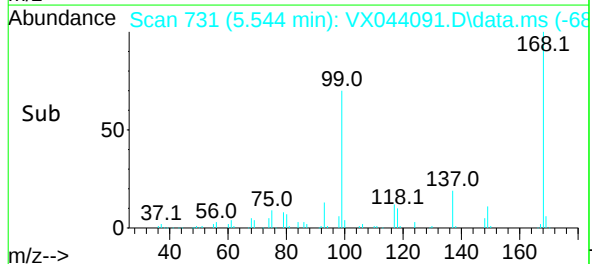


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 730
Delta R.T. 0.006 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-1

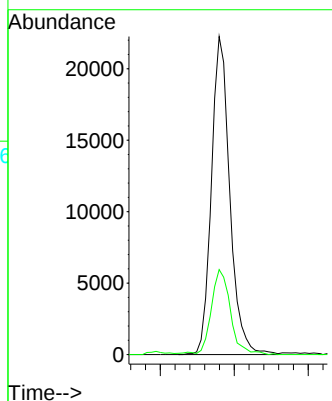
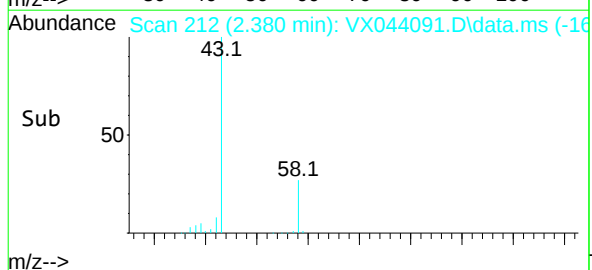
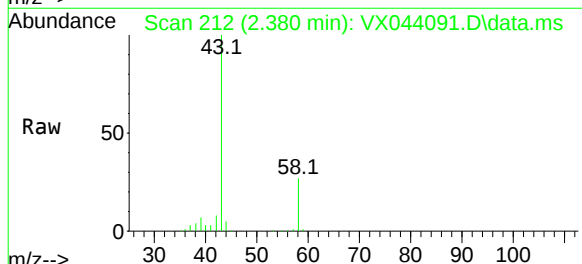


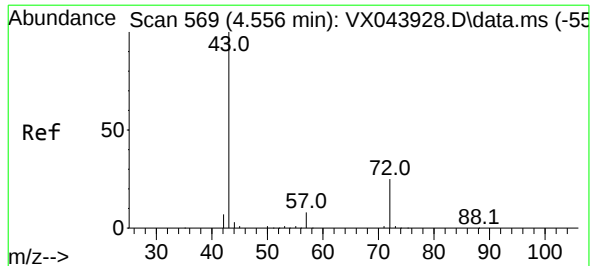
Tgt Ion: 168 Resp: 114961
Ion Ratio Lower Upper
168 100
99 69.9 51.8 77.8



#16
Acetone
Concen: 42.440 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044091.D
Acq: 03 Dec 2024 14:33

Tgt Ion: 43 Resp: 38435
Ion Ratio Lower Upper
43 100
58 26.7 22.7 34.1





#25

2-Butanone

Concen: 6.419 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

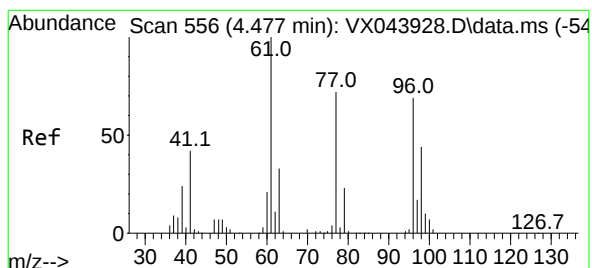
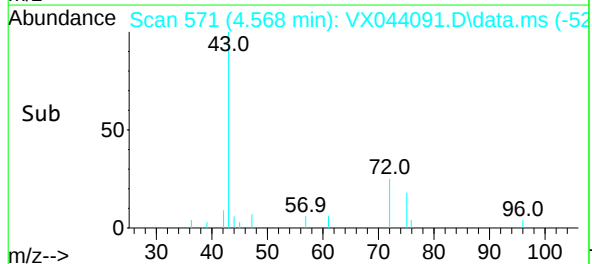
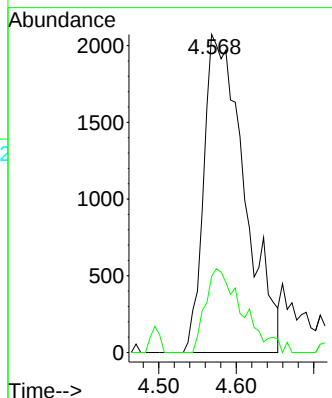
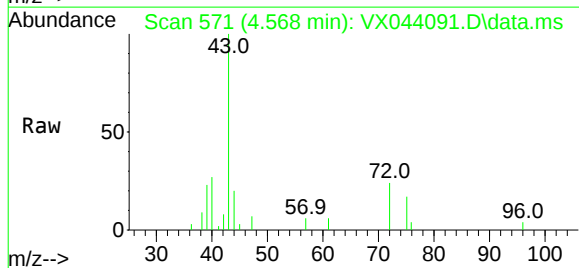
SPLP-C5-1

Tgt Ion: 43 Resp: 7501

Ion Ratio Lower Upper

43 100

72 23.9 20.2 30.2



#27

cis-1,2-Dichloroethene

Concen: 9.704 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.012 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

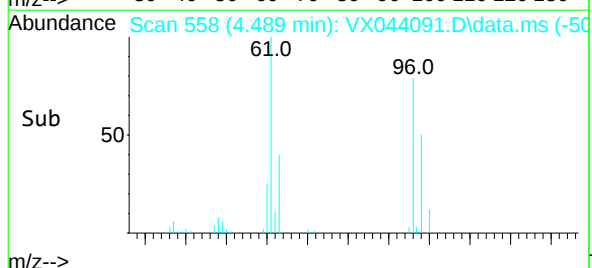
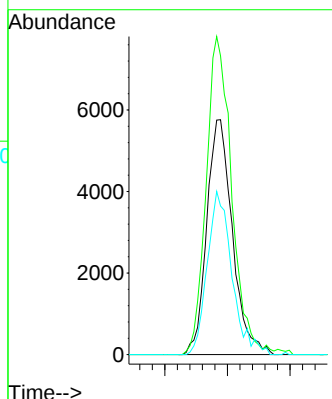
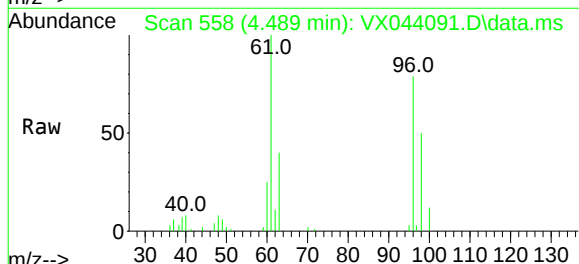
Tgt Ion: 96 Resp: 16406

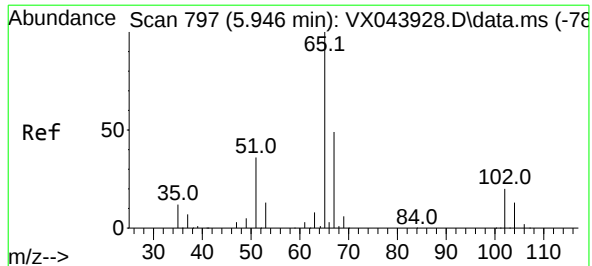
Ion Ratio Lower Upper

96 100

61 134.3 0.0 297.4

98 66.6 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 51.836 ug/l

RT: 5.946 min Scan# 79

Delta R.T. -0.000 min

Lab File: VX044091.D

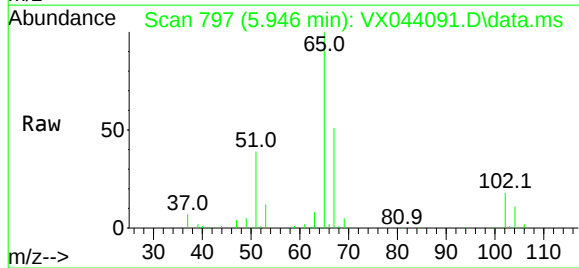
Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-1

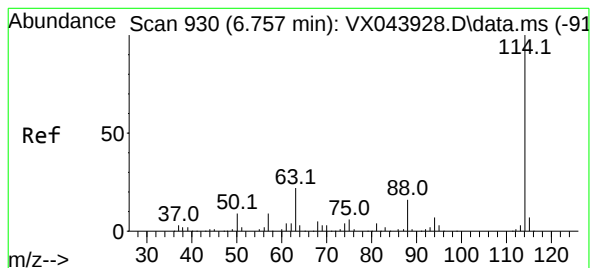
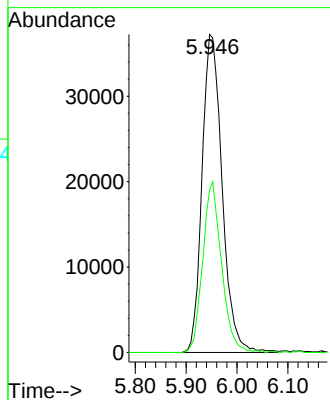
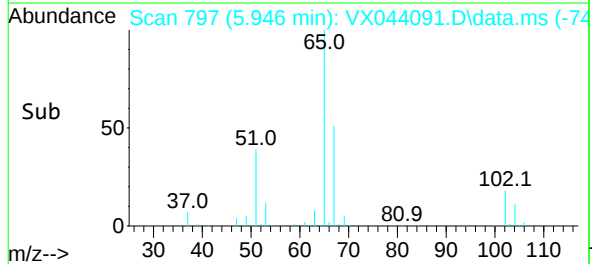


Tgt Ion: 65 Resp: 102210

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

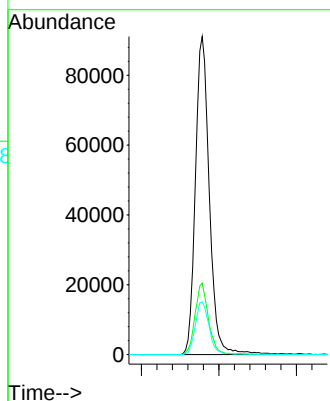
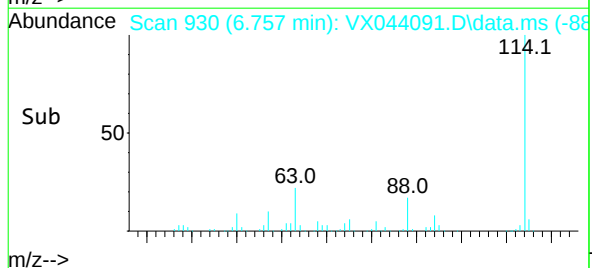
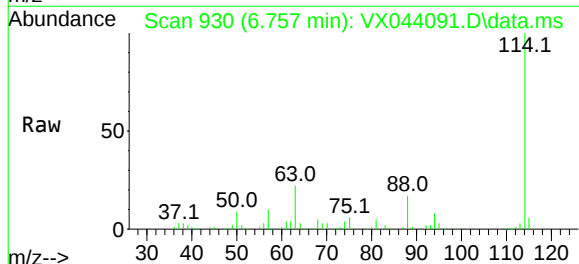
Tgt Ion: 114 Resp: 227218

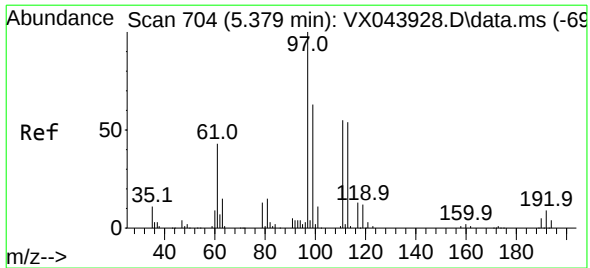
Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 35.800 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044091.D

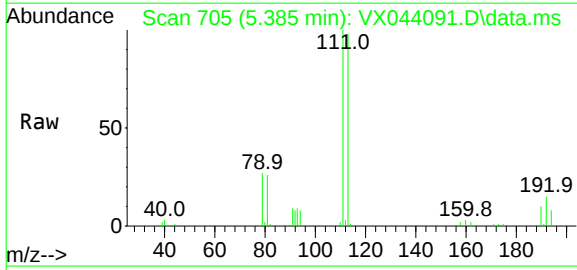
Acq: 03 Dec 2024 14:33

Instrument :

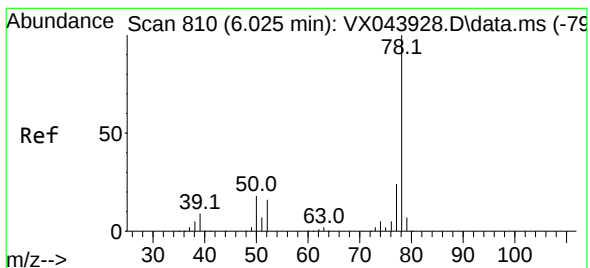
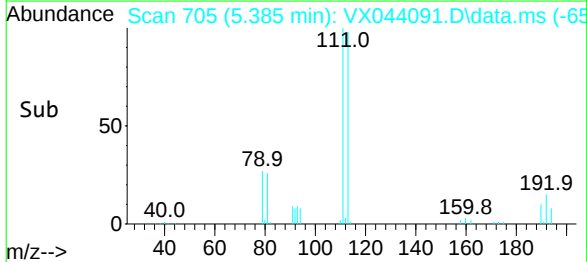
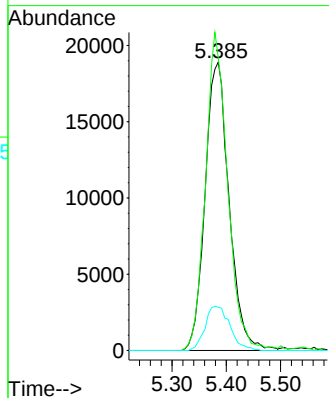
MSVOA_X

ClientSampleId :

SPLP-C5-1



Tgt Ion:	113	Resp:	58124
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.0	121.4
192	15.8	13.0	19.6



#40

Benzene

Concen: 3.074 ug/l

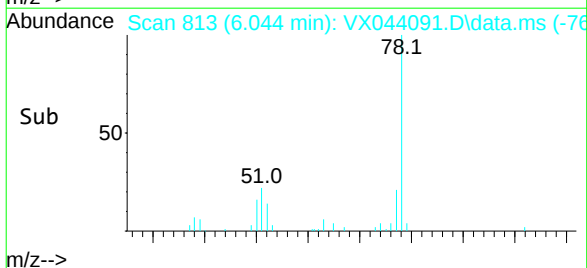
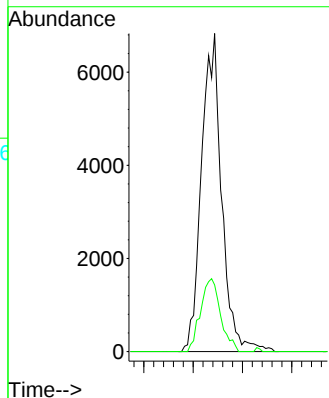
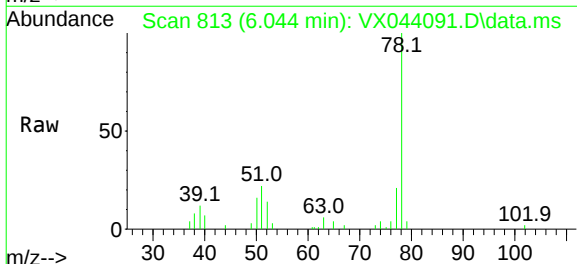
RT: 6.044 min Scan# 813

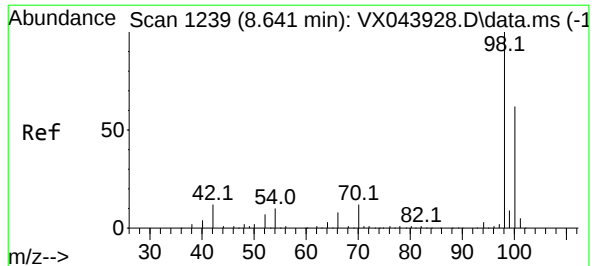
Delta R.T. 0.018 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Tgt Ion:	78	Resp:	19370
Ion	Ratio	Lower	Upper
78	100		
77	21.0	19.2	28.8





#50

Toluene-d8

Concen: 49.775 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044091.D

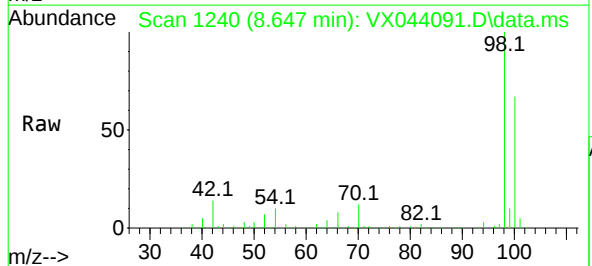
Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-1

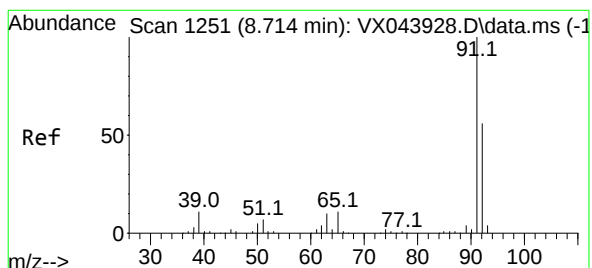
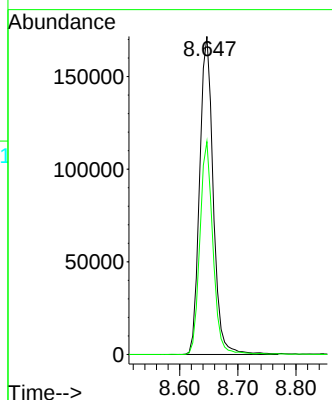
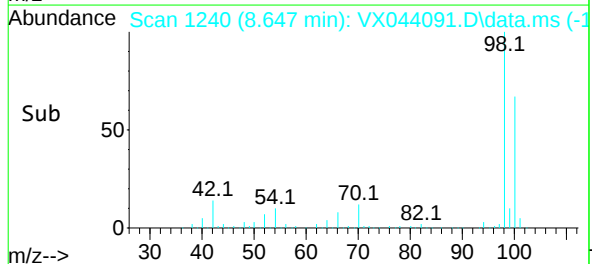


Tgt Ion: 98 Resp: 278574

Ion Ratio Lower Upper

98 100

100 64.2 52.6 79.0



#52

Toluene

Concen: 1.423 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044091.D

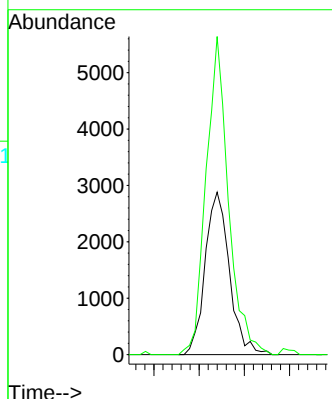
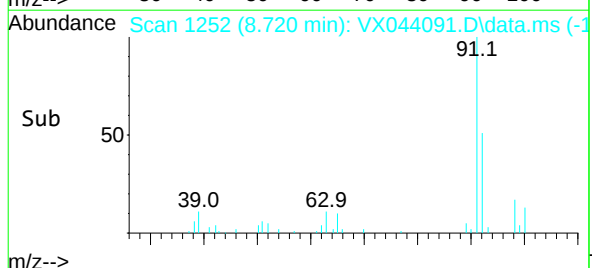
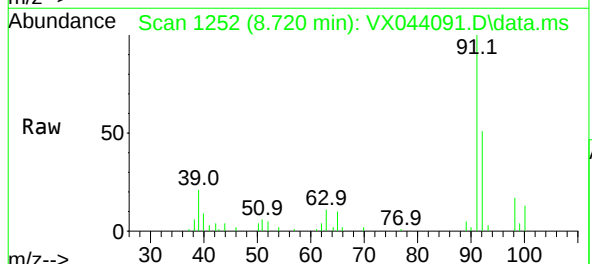
Acq: 03 Dec 2024 14:33

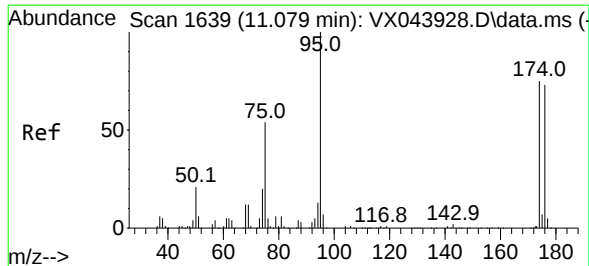
Tgt Ion: 92 Resp: 5369

Ion Ratio Lower Upper

92 100

91 180.7 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 50.450 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044091.D

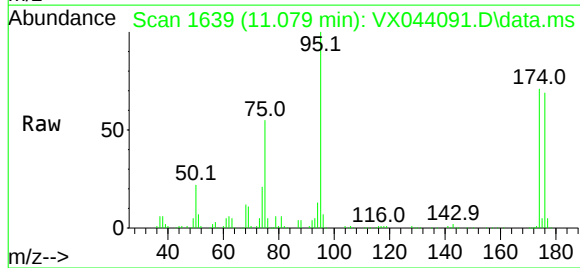
Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-1



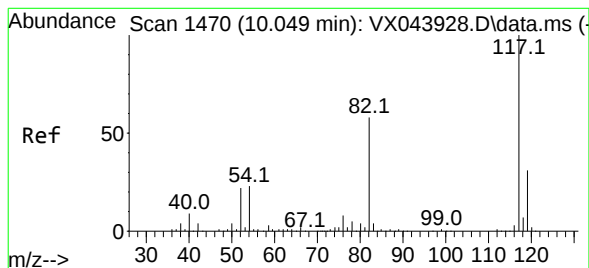
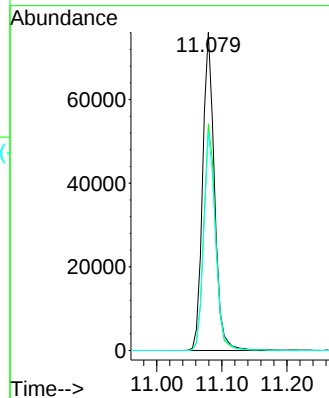
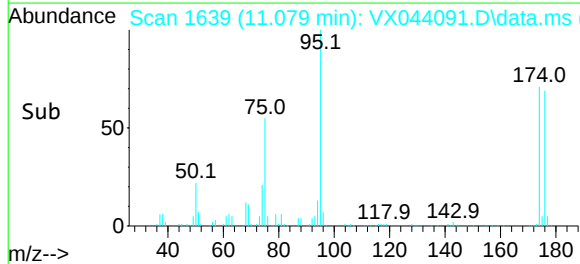
Tgt Ion: 95 Resp: 96093

Ion Ratio Lower Upper

95 100

174 70.6 0.0 150.4

176 68.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

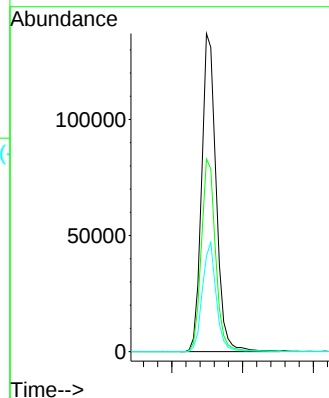
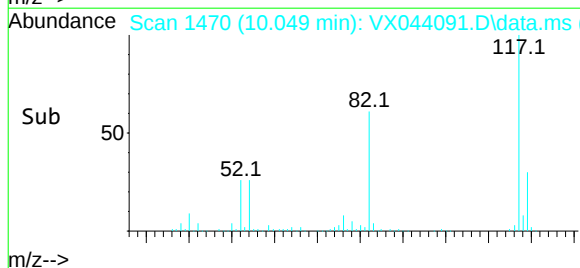
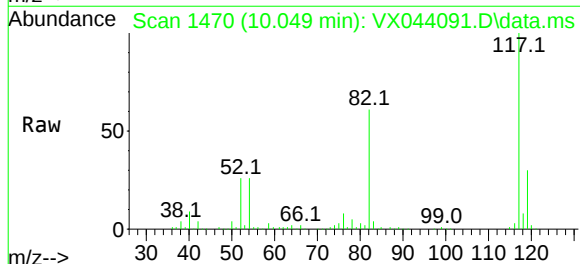
Tgt Ion: 117 Resp: 195298

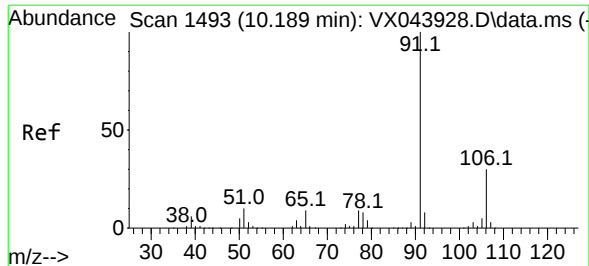
Ion Ratio Lower Upper

117 100

82 60.6 46.4 69.6

119 30.0 24.6 37.0





#67

Ethyl Benzene

Concen: 10.314 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

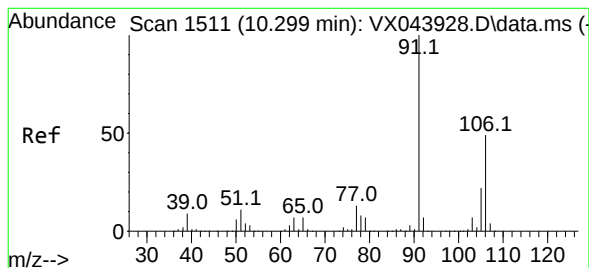
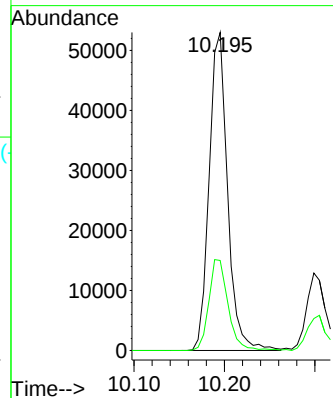
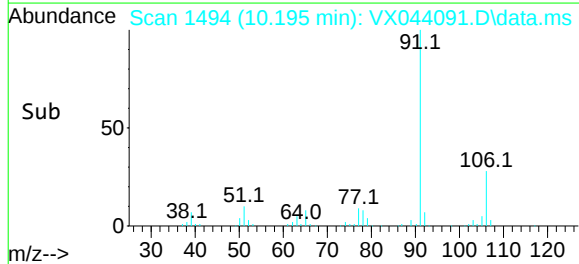
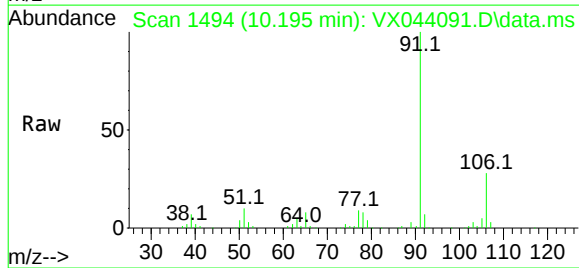
SPLP-C5-1

Tgt Ion: 91 Resp: 74964

Ion Ratio Lower Upper

91 100

106 28.3 23.6 35.4



#68

m/p-Xylenes

Concen: 3.301 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX044091.D

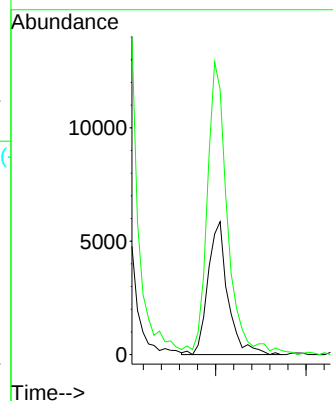
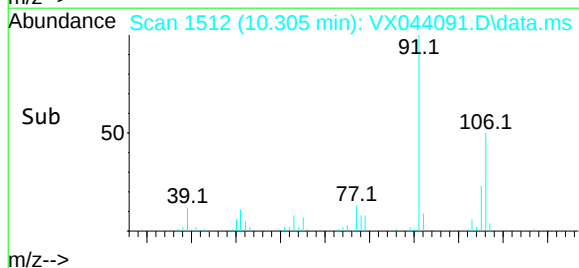
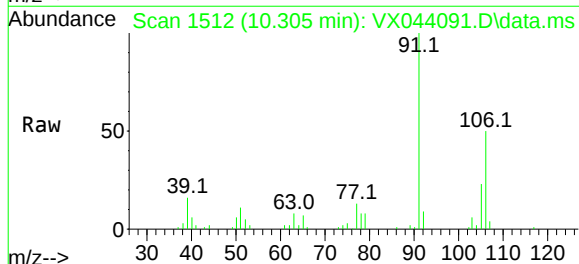
Acq: 03 Dec 2024 14:33

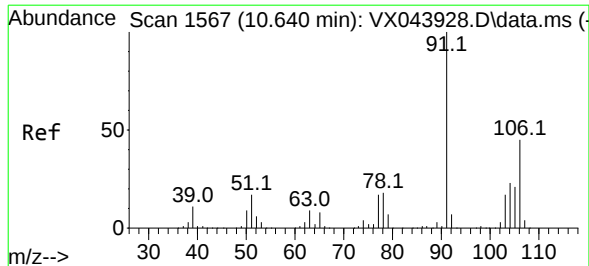
Tgt Ion: 106 Resp: 8948

Ion Ratio Lower Upper

106 100

91 224.9 168.1 252.1





#69

o-Xylene

Concen: 4.183 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

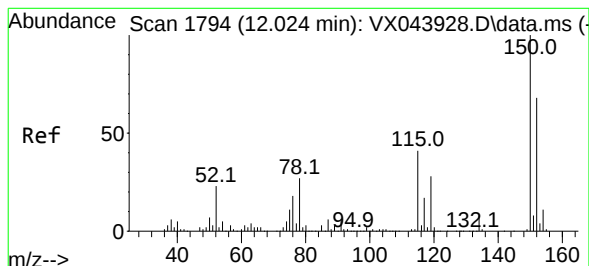
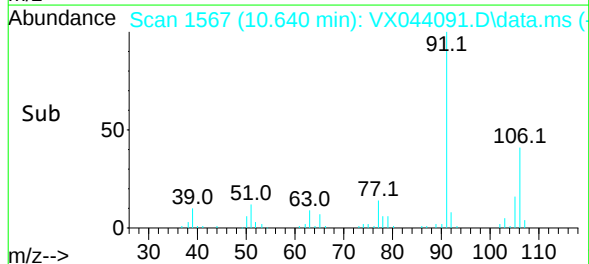
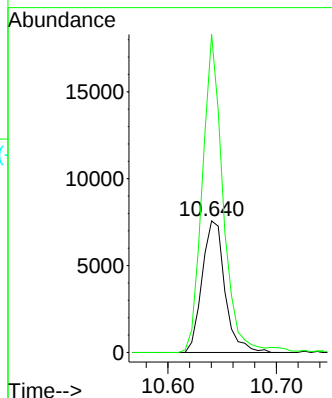
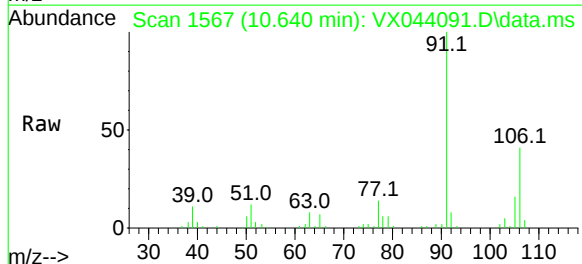
SPLP-C5-1

Tgt Ion:106 Resp: 11071

Ion Ratio Lower Upper

106 100

91 219.5 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

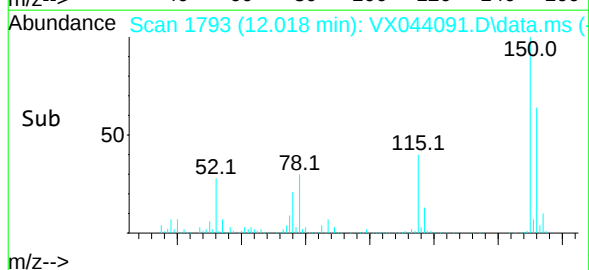
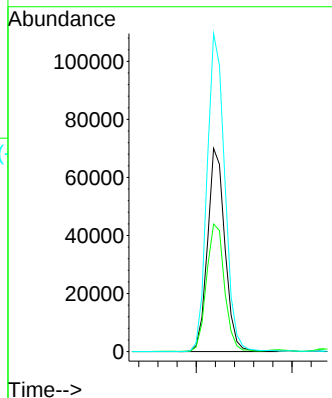
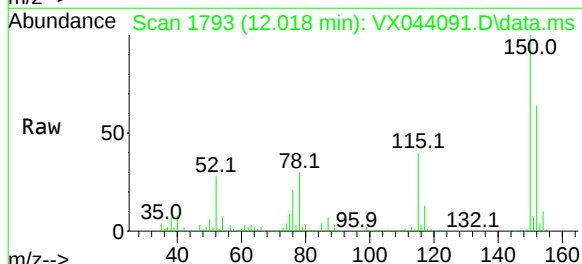
Tgt Ion:152 Resp: 88091

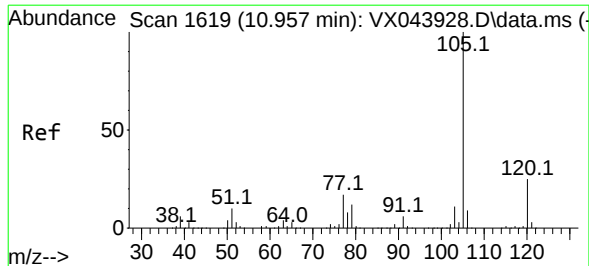
Ion Ratio Lower Upper

152 100

115 64.7 45.4 136.2

150 160.0 0.0 353.0





#73

Isopropylbenzene

Concen: 1.193 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

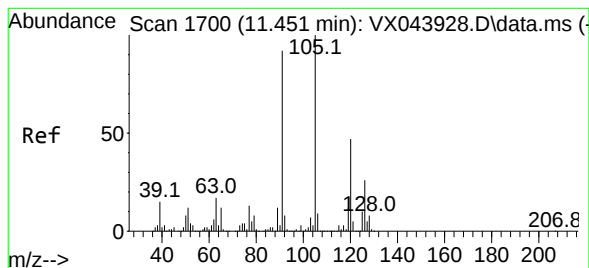
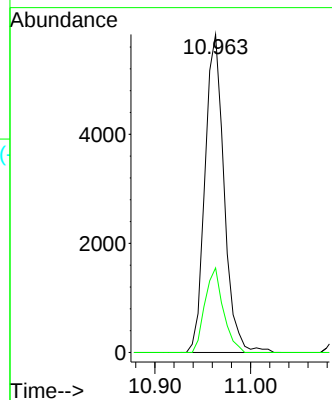
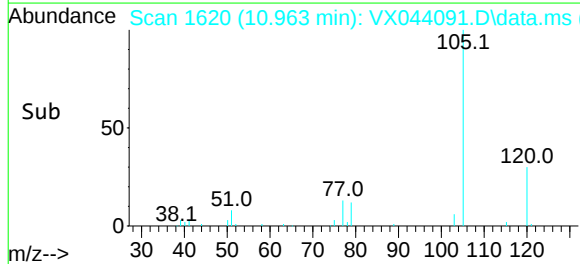
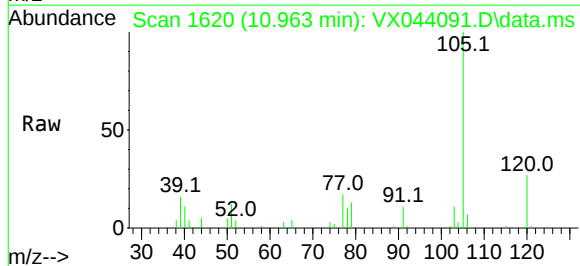
SPLP-C5-1

Tgt Ion:105 Resp: 8076

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.560 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044091.D

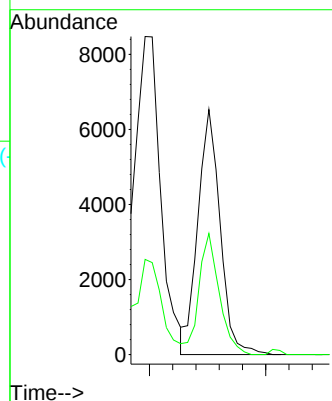
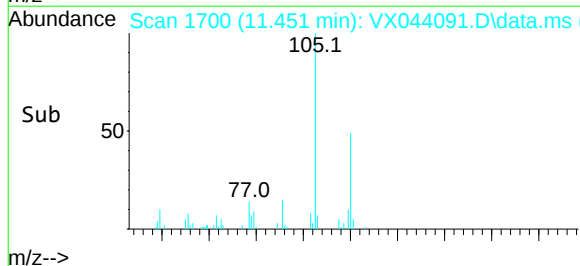
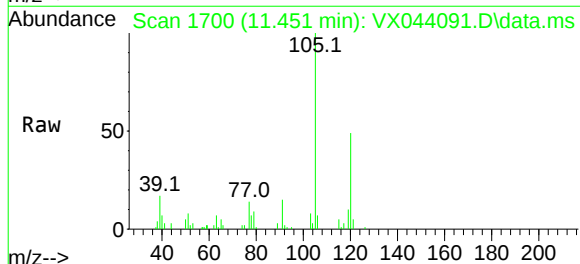
Acq: 03 Dec 2024 14:33

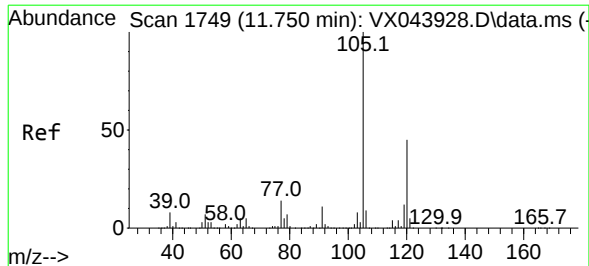
Tgt Ion:105 Resp: 8690

Ion Ratio Lower Upper

105 100

120 45.4 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 4.940 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

Instrument :

MSVOA_X

ClientSampleId :

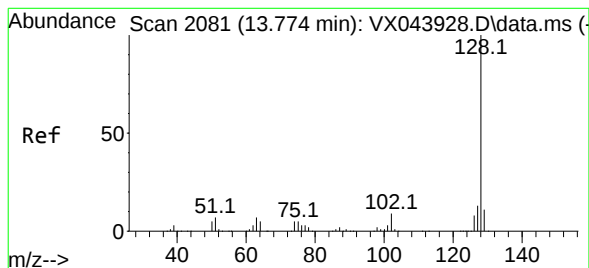
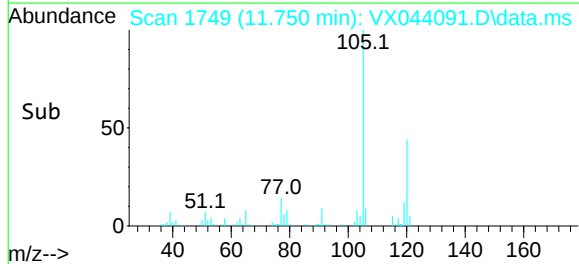
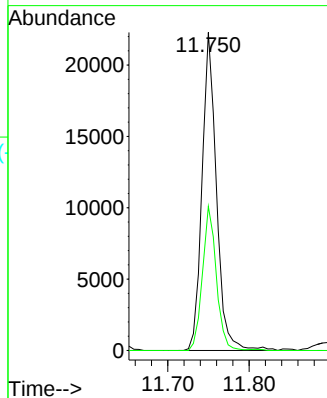
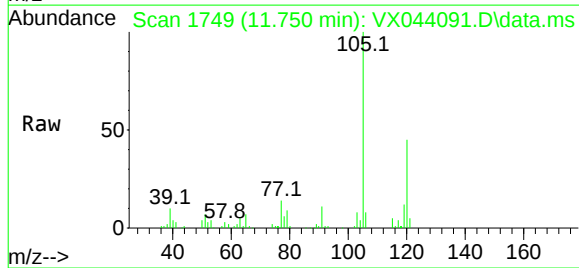
SPLP-C5-1

Tgt Ion:105 Resp: 27399

Ion Ratio Lower Upper

105 100

120 43.6 21.9 65.7



#95

Naphthalene

Concen: 275.478 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044091.D

Acq: 03 Dec 2024 14:33

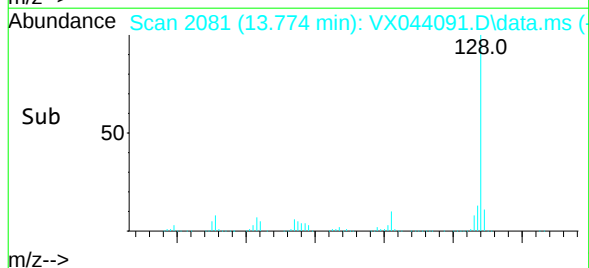
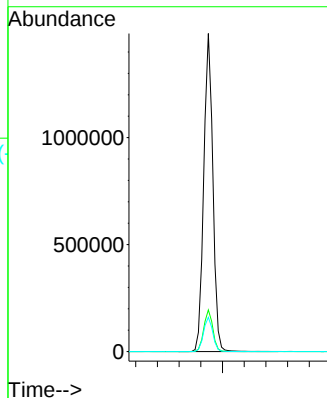
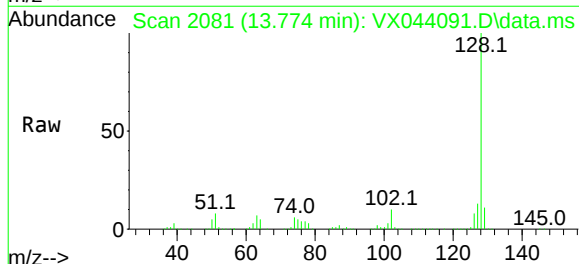
Tgt Ion:128 Resp: 1735797

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-1RE	SDG No.:	P5006
Lab Sample ID:	P5006-03RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044120.D	1		12/04/24 16:29	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	51.5		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	7.80	J	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	11.0		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	3.30	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	1.50	J	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-1RE	SDG No.:	P5006
Lab Sample ID:	P5006-03RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044120.D	1		12/04/24 16:29	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	11.5		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	3.60	J	0.31	10.0	ug/L
95-47-6	o-Xylene	4.40	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	1.30	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.8		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	32.9	*	70 (75) - 130 (124)	66%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108000	5.544			
540-36-3	1,4-Difluorobenzene	207000	6.757			
3114-55-4	Chlorobenzene-d5	184000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	80100	12.024			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-1RE	SDG No.:	P5006
Lab Sample ID:	P5006-03RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044120.D	1		12/04/24 16:29	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044120.D
 Acq On : 04 Dec 2024 16:29
 Operator : JC/MD
 Sample : P5006-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C5-1RE

Quant Time: Dec 05 00:30:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

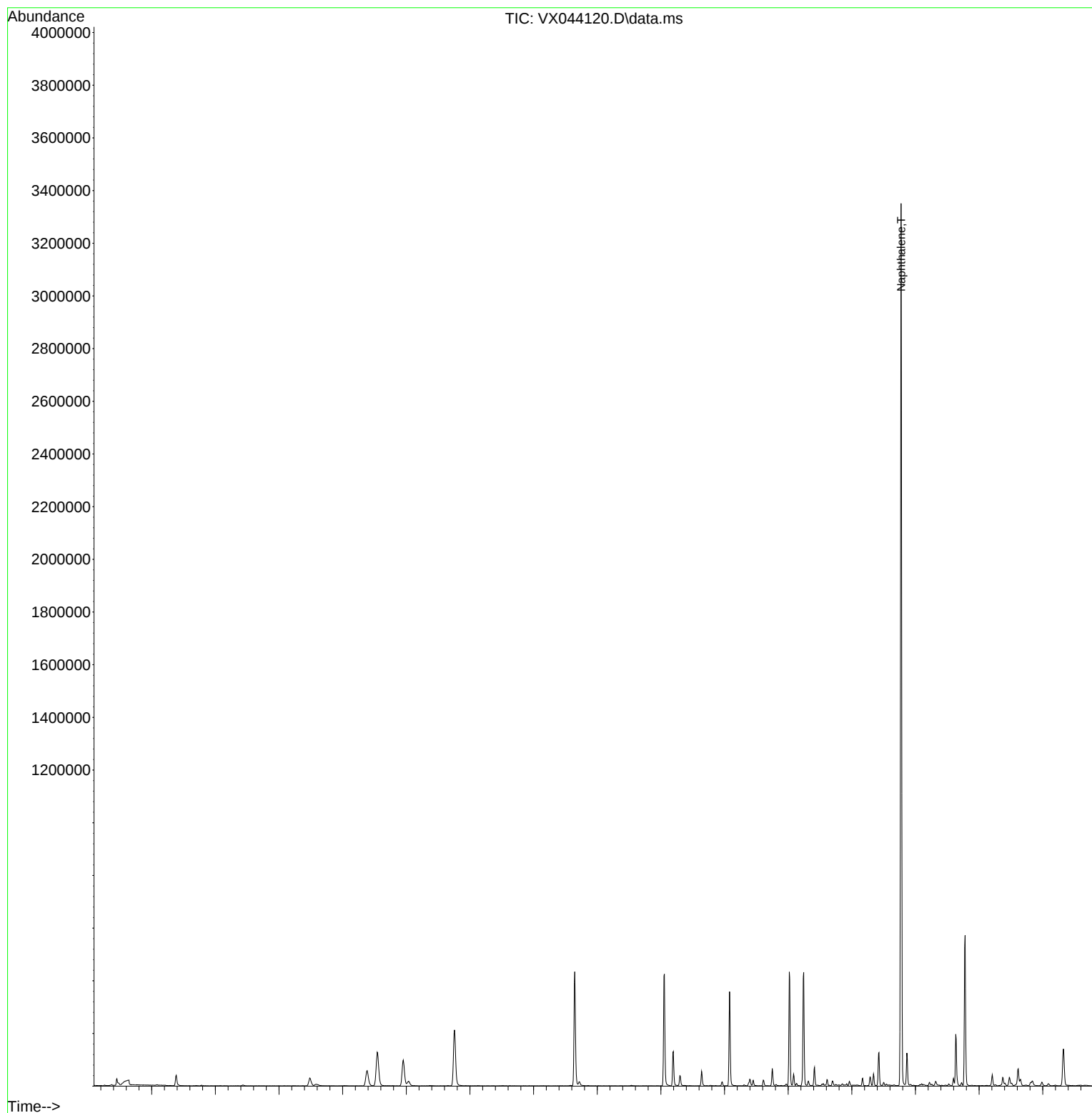
Internal Standards						
1) Pentafluorobenzene	5.544	168	108075	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96083	51.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.660%			
35) Dibromofluoromethane	5.385	113	48761	32.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 65.860%#			
50) Toluene-d8	8.647	98	253540	49.670	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.340%			
62) 4-Bromofluorobenzene	11.079	95	90117	51.874	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.740%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	43853	51.508	ug/l	97
25) 2-Butanone	4.587	43	8542	7.776	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	17480	10.999	ug/l	90
40) Benzene	6.037	78	18901	3.288	ug/l	97
52) Toluene	8.726	92	5213	1.515	ug/l	95
67) Ethyl Benzene	10.195	91	78816	11.494	ug/l	98
68) m/p-Xylenes	10.299	106	9147	3.577	ug/l	93
69) o-Xylene	10.640	106	11067	4.433	ug/l	92
73) Isopropylbenzene	10.963	105	7919	1.286	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	8548	1.687	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	28677	5.684	ug/l	99
95) Naphthalene	13.774	128	1846604	322.192	ug/l	99

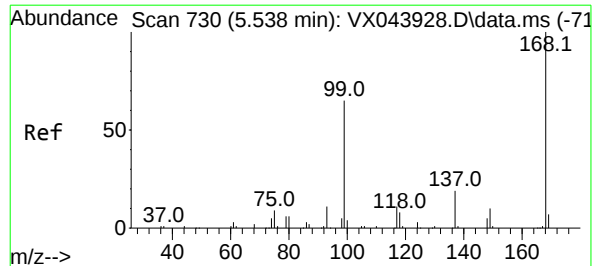
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044120.D
Acq On : 04 Dec 2024 16:29
Operator : JC/MD
Sample : P5006-03RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-1RE

Quant Time: Dec 05 00:30:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 73

Delta R.T. 0.006 min

Lab File: VX044120.D

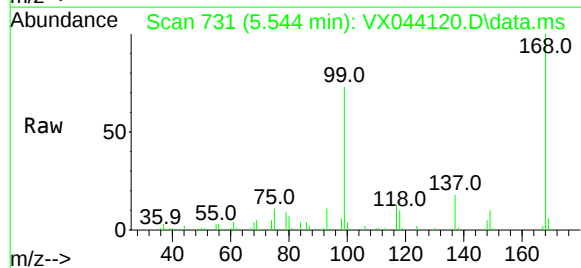
Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-1RE

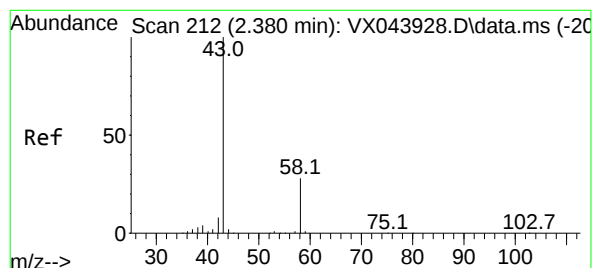
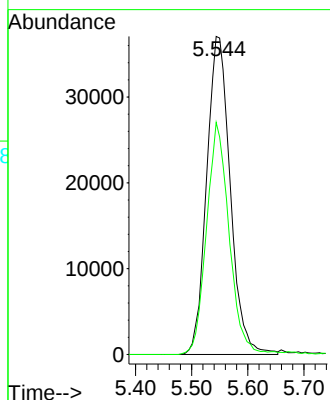
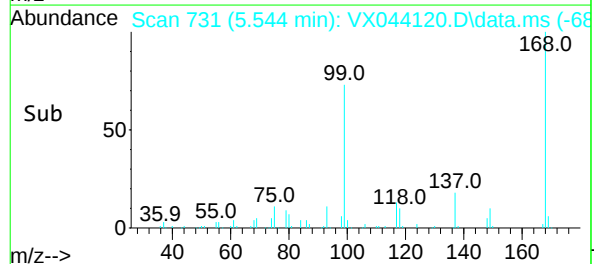


Tgt Ion:168 Resp: 108075

Ion Ratio Lower Upper

168 100

99 73.0 51.8 77.8



#16

Acetone

Concen: 51.508 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044120.D

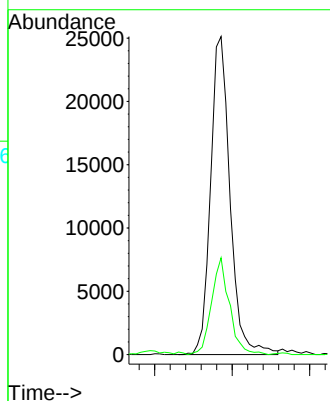
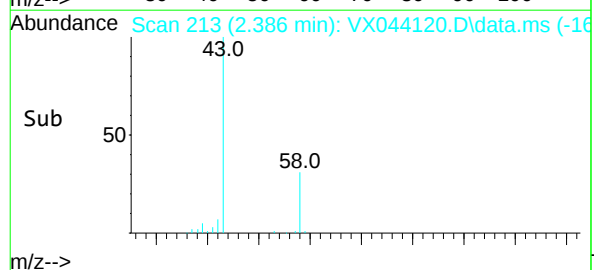
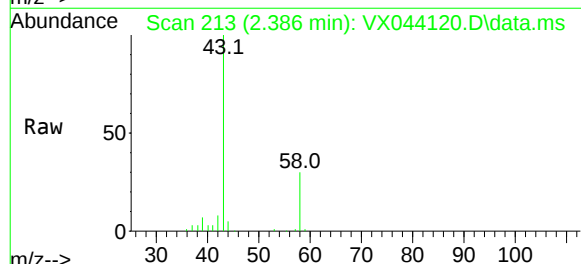
Acq: 04 Dec 2024 16:29

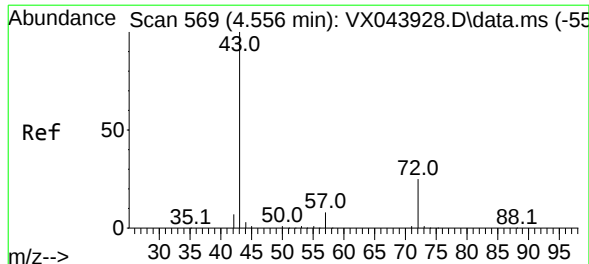
Tgt Ion: 43 Resp: 43853

Ion Ratio Lower Upper

43 100

58 30.1 22.7 34.1





#25

2-Butanone

Concen: 7.776 ug/l

RT: 4.587 min Scan# 57

Delta R.T. 0.030 min

Lab File: VX044120.D

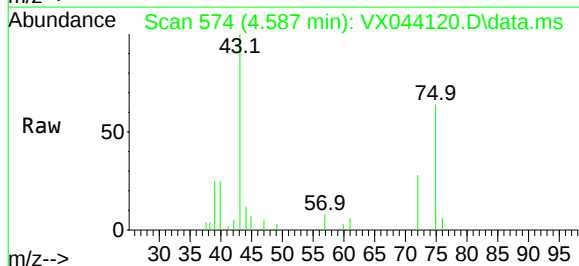
Acq: 04 Dec 2024 16:29

Instrument :

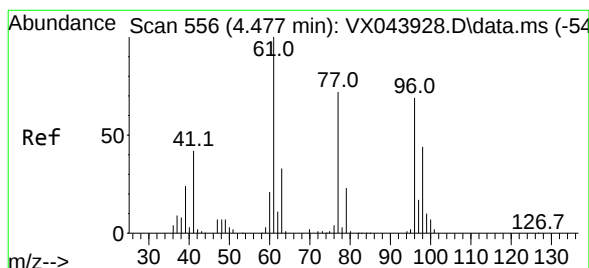
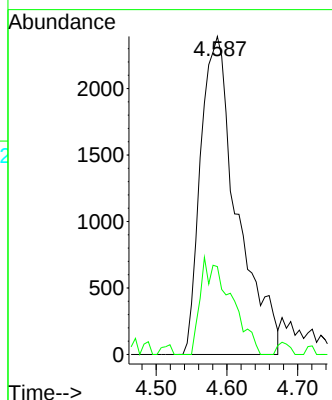
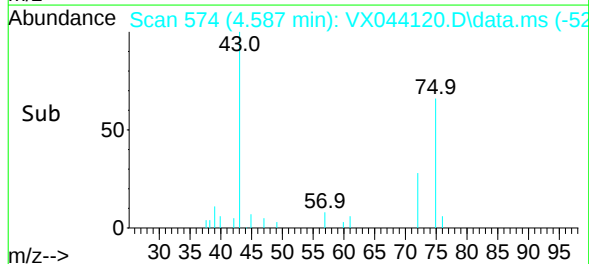
MSVOA_X

ClientSampleId :

SPLP-C5-1RE



Tgt Ion:	43	Resp:	8542
Ion	Ratio	Lower	Upper
43	100		
72	27.6	20.2	30.2



#27

cis-1,2-Dichloroethene

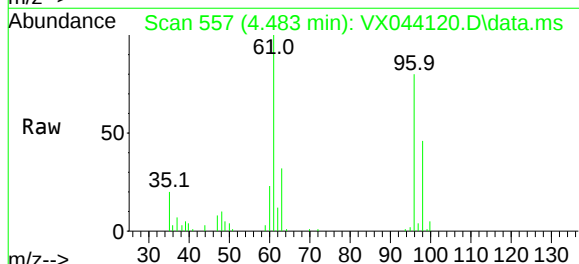
Concen: 10.999 ug/l

RT: 4.483 min Scan# 557

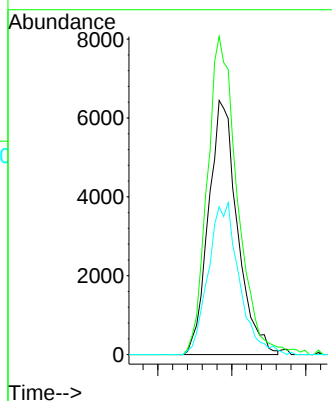
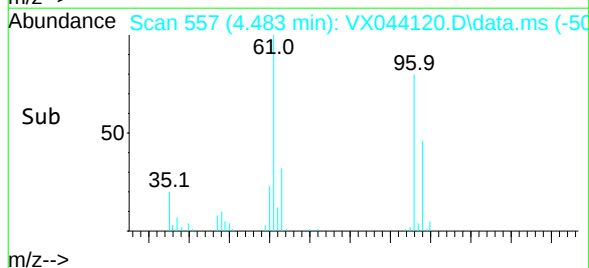
Delta R.T. 0.006 min

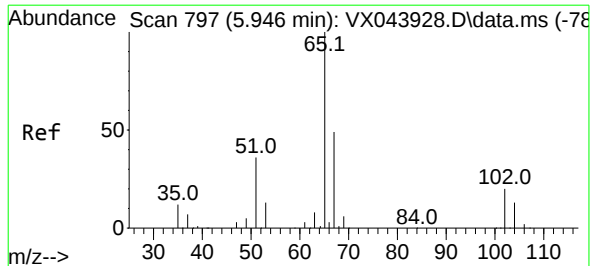
Lab File: VX044120.D

Acq: 04 Dec 2024 16:29



Tgt Ion:	96	Resp:	17480
Ion	Ratio	Lower	Upper
96	100		
61	130.9	0.0	297.4
98	63.7	0.0	127.8

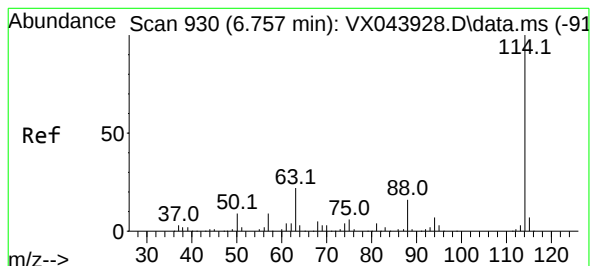
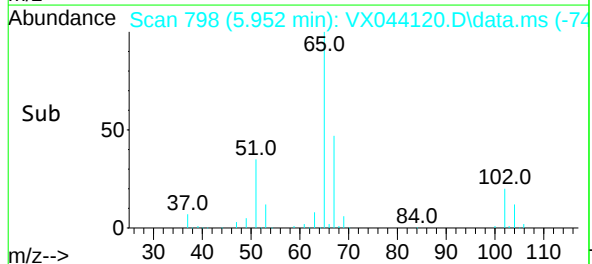
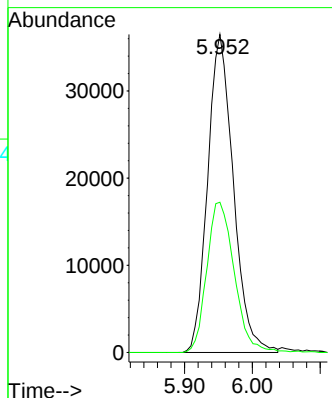
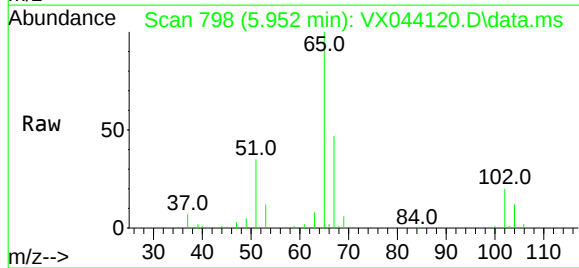




#33
1,2-Dichloroethane-d4
Concen: 51.834 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

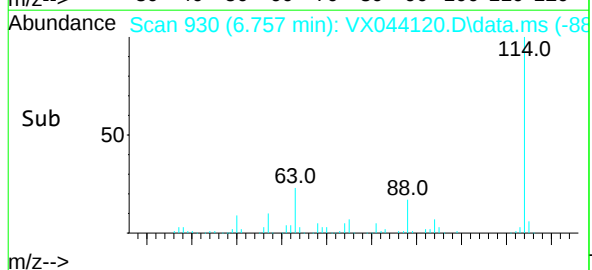
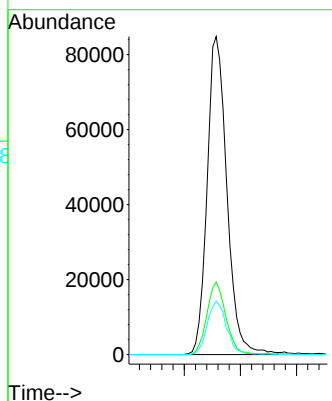
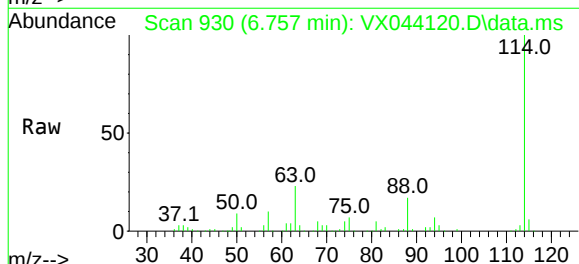
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-1RE

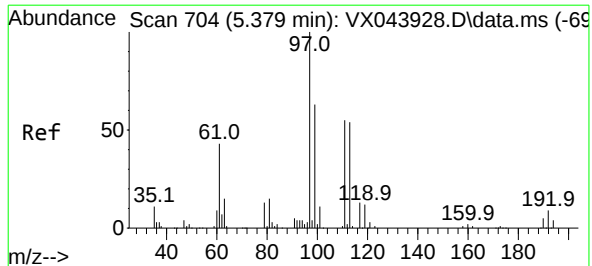
Tgt Ion: 65 Resp: 96083
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044120.D
Acq: 04 Dec 2024 16:29

Tgt Ion: 114 Resp: 207238
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.0
88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 32.928 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044120.D

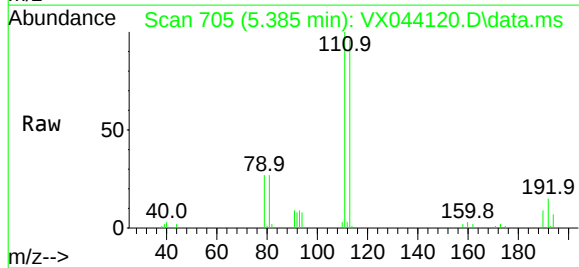
Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-1RE



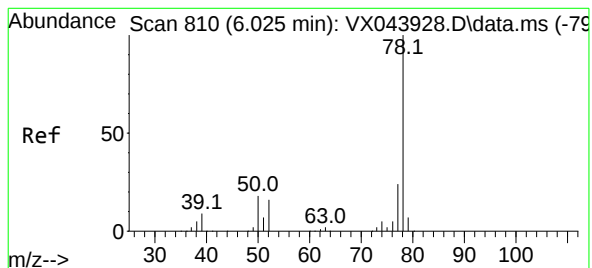
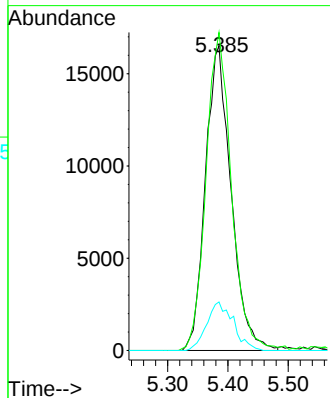
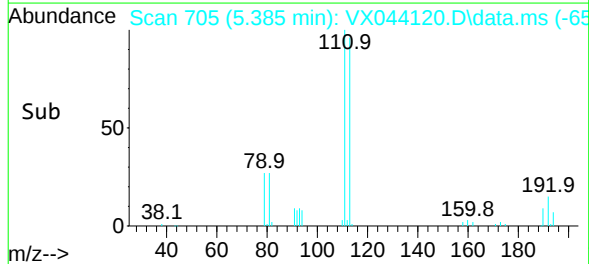
Tgt Ion:113 Resp: 48761

Ion Ratio Lower Upper

113 100

111 104.0 81.0 121.4

192 16.5 13.0 19.6



#40

Benzene

Concen: 3.288 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.012 min

Lab File: VX044120.D

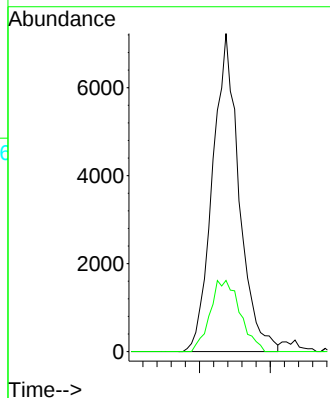
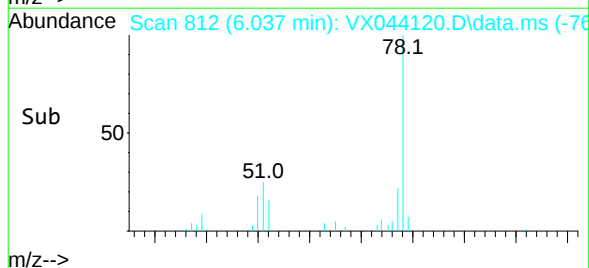
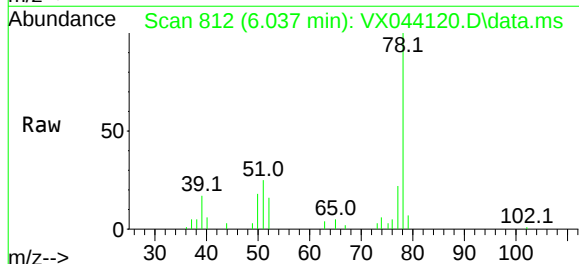
Acq: 04 Dec 2024 16:29

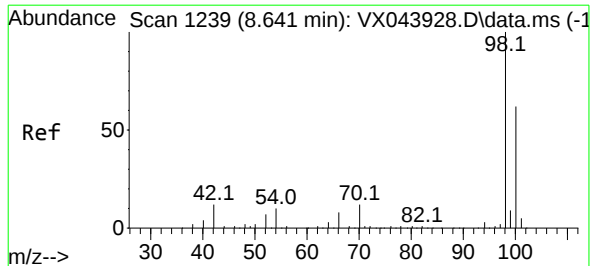
Tgt Ion: 78 Resp: 18901

Ion Ratio Lower Upper

78 100

77 22.4 19.2 28.8





#50

Toluene-d8

Concen: 49.670 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

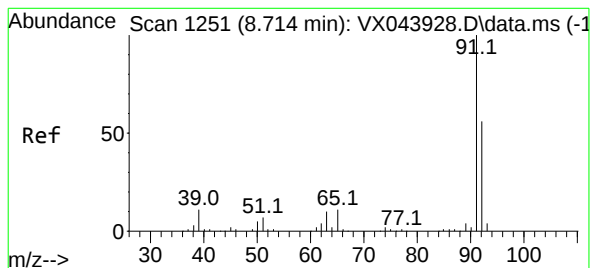
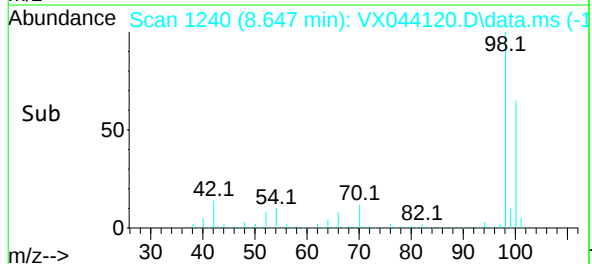
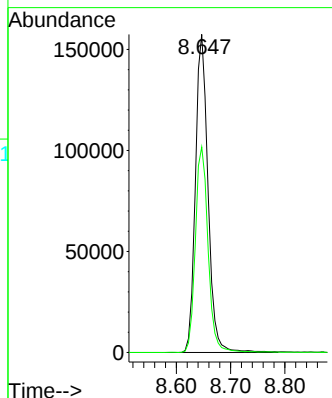
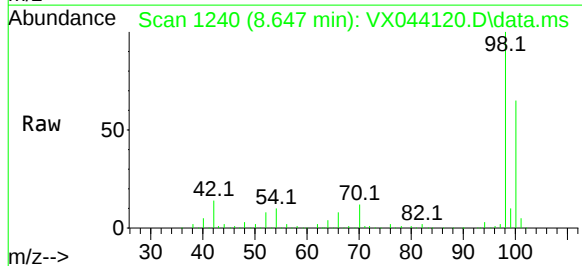
SPLP-C5-1RE

Tgt Ion: 98 Resp: 253540

Ion Ratio Lower Upper

98 100

100 65.3 52.6 79.0



#52

Toluene

Concen: 1.515 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.012 min

Lab File: VX044120.D

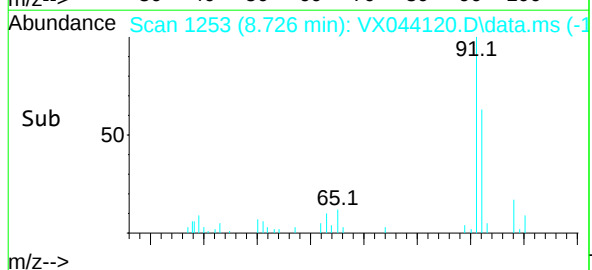
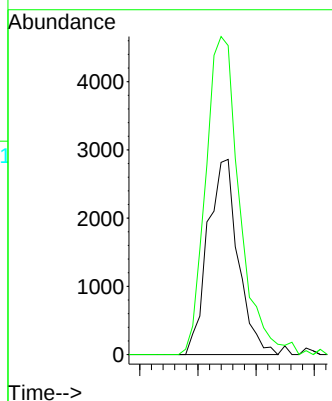
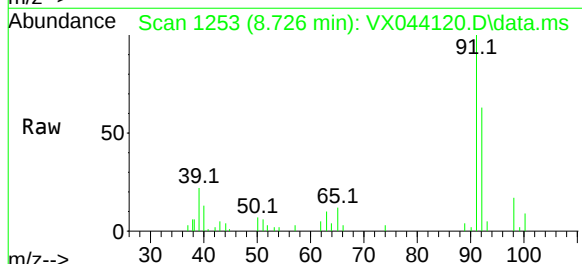
Acq: 04 Dec 2024 16:29

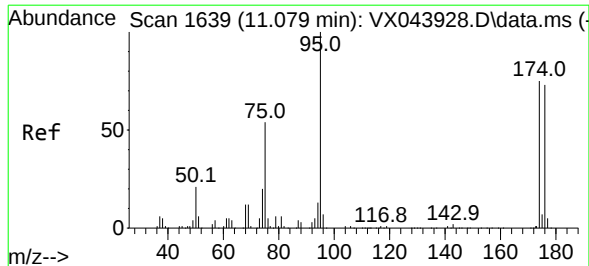
Tgt Ion: 92 Resp: 5213

Ion Ratio Lower Upper

92 100

91 181.0 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 51.874 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044120.D

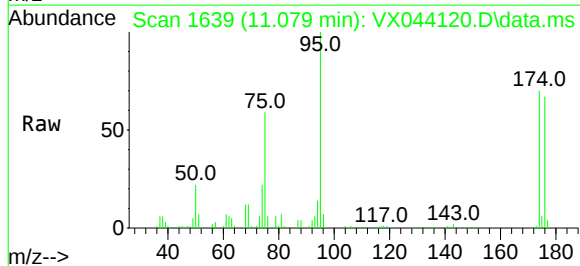
Acq: 04 Dec 2024 16:29

Instrument :

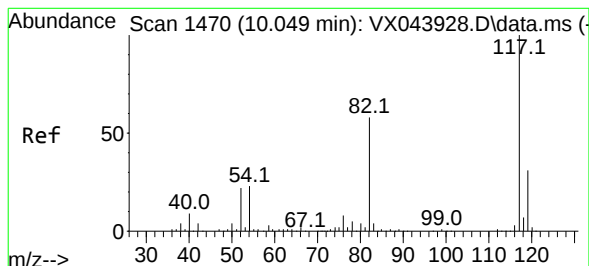
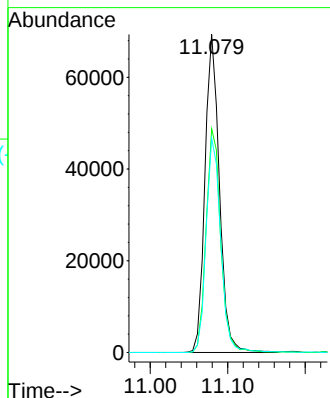
MSVOA_X

ClientSampleId :

SPLP-C5-1RE



Tgt Ion:	95	Resp:	90117
Ion	Ratio	Lower	Upper
95	100		
174	71.1	0.0	150.4
176	68.3	0.0	146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

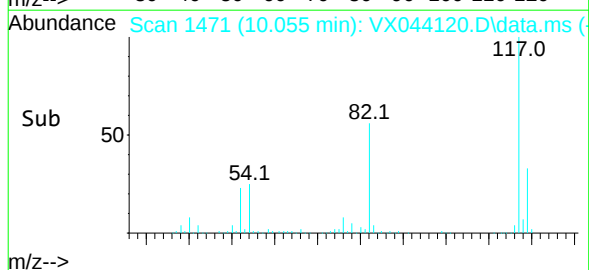
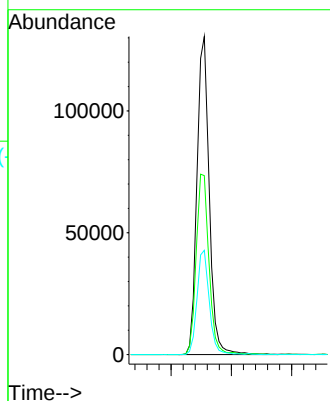
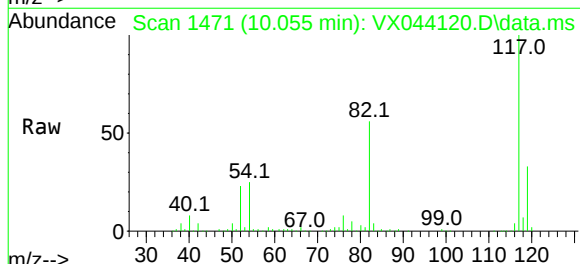
RT: 10.055 min Scan# 1471

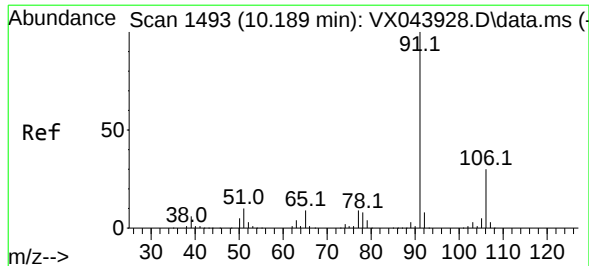
Delta R.T. 0.006 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Tgt Ion:	117	Resp:	184248
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.4	69.6
119	32.8	24.6	37.0





#67

Ethyl Benzene

Concen: 11.494 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

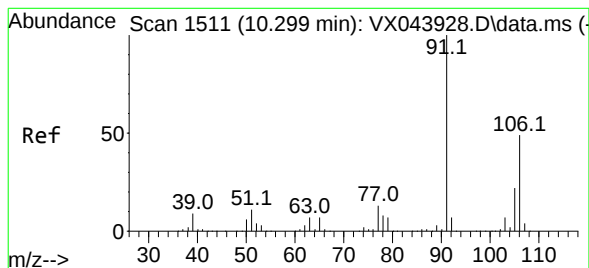
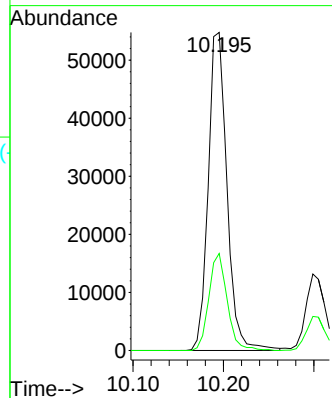
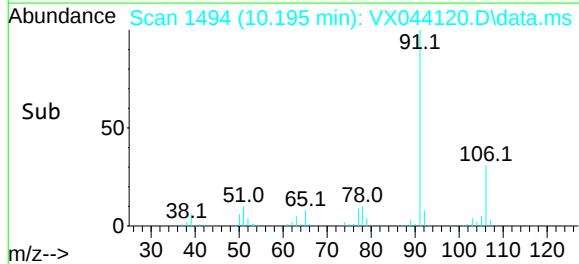
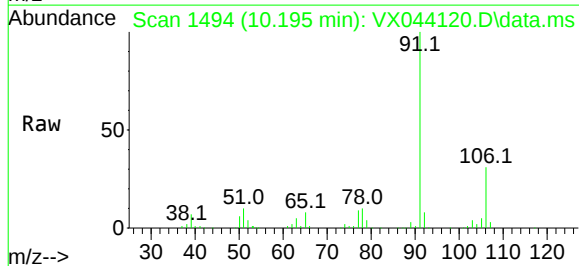
SPLP-C5-1RE

Tgt Ion: 91 Resp: 78816

Ion Ratio Lower Upper

91 100

106 30.5 23.6 35.4



#68

m/p-Xylenes

Concen: 3.577 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044120.D

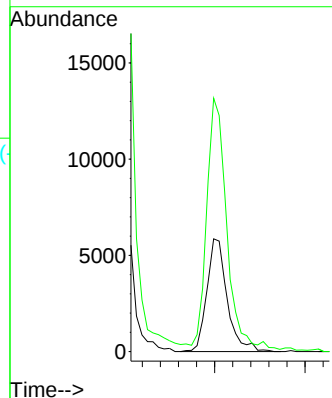
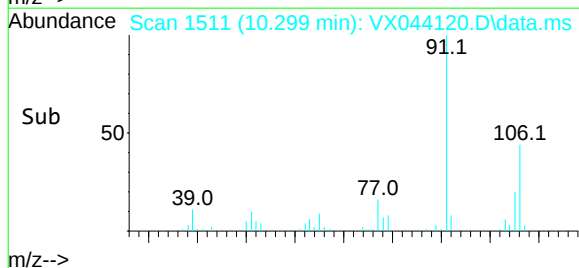
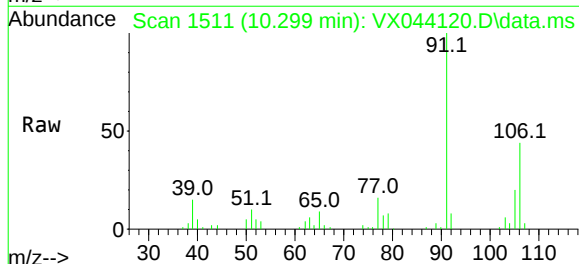
Acq: 04 Dec 2024 16:29

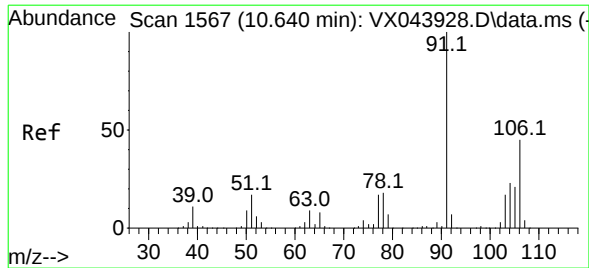
Tgt Ion: 106 Resp: 9147

Ion Ratio Lower Upper

106 100

91 221.4 168.1 252.1





#69

o-Xylene

Concen: 4.433 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

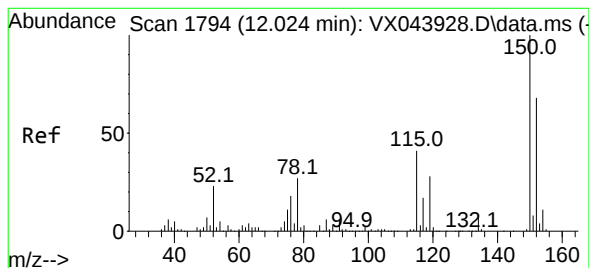
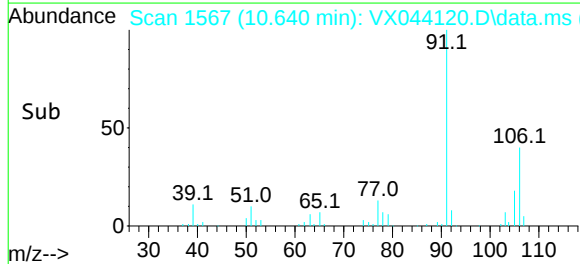
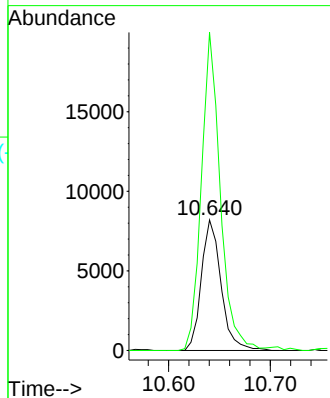
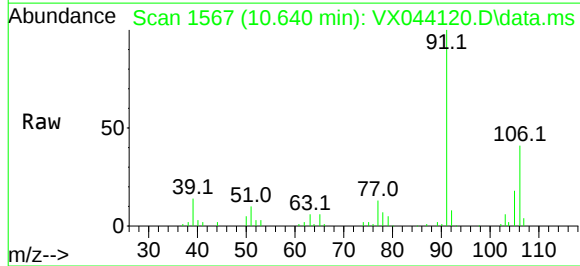
SPLP-C5-1RE

Tgt Ion:106 Resp: 11067

Ion Ratio Lower Upper

106 100

91 233.0 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

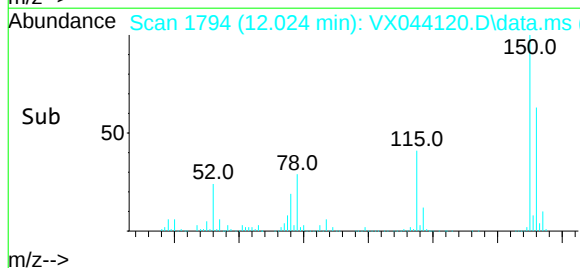
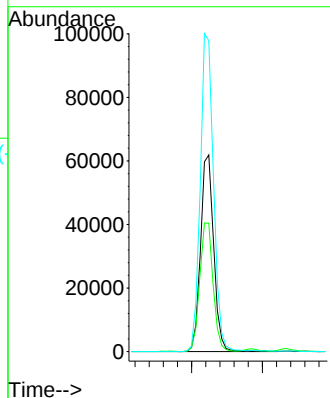
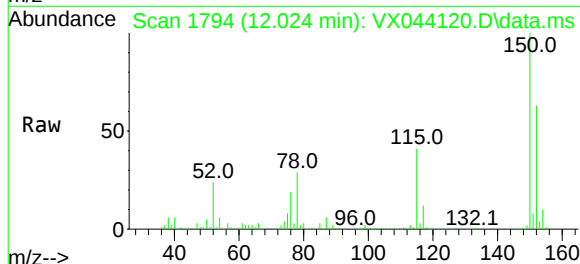
Tgt Ion:152 Resp: 80127

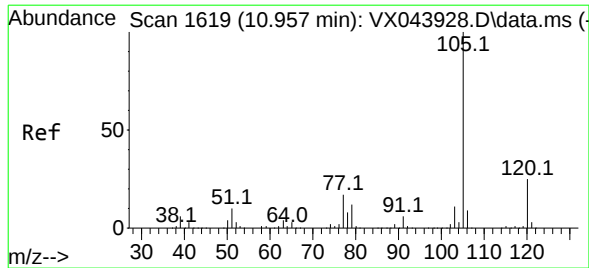
Ion Ratio Lower Upper

152 100

115 66.6 45.4 136.2

150 162.6 0.0 353.0





#73

Isopropylbenzene

Concen: 1.286 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

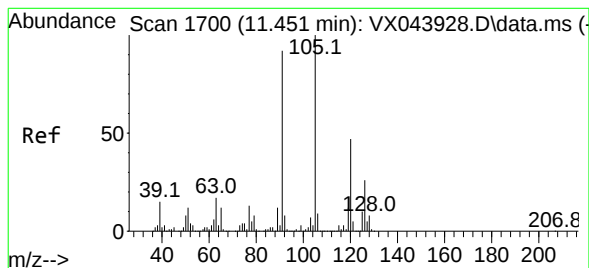
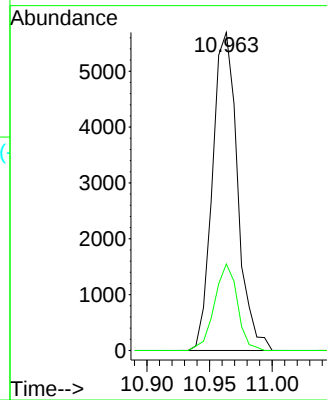
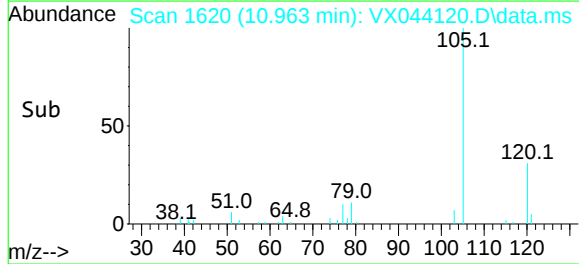
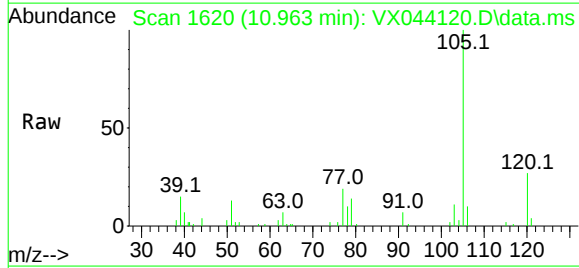
SPLP-C5-1RE

Tgt Ion:105 Resp: 7919

Ion Ratio Lower Upper

105 100

120 24.9 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.687 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044120.D

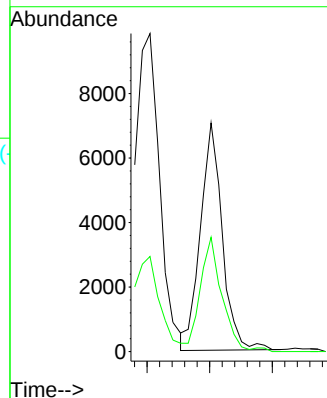
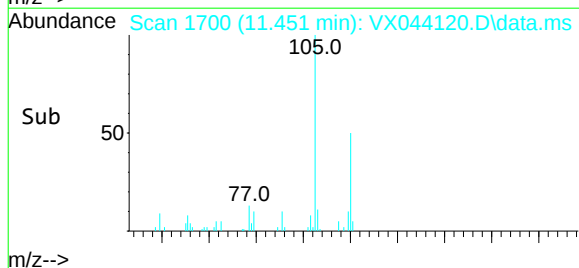
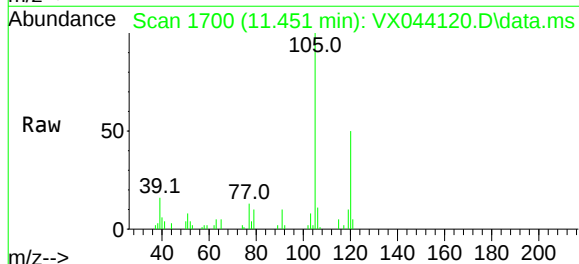
Acq: 04 Dec 2024 16:29

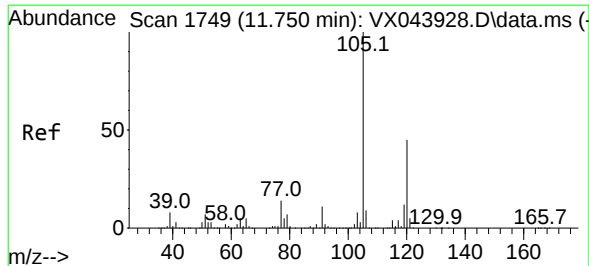
Tgt Ion:105 Resp: 8548

Ion Ratio Lower Upper

105 100

120 49.5 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 5.684 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

Instrument :

MSVOA_X

ClientSampleId :

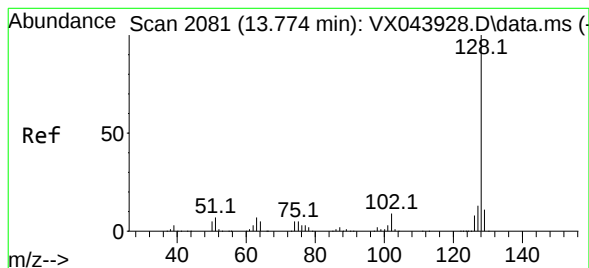
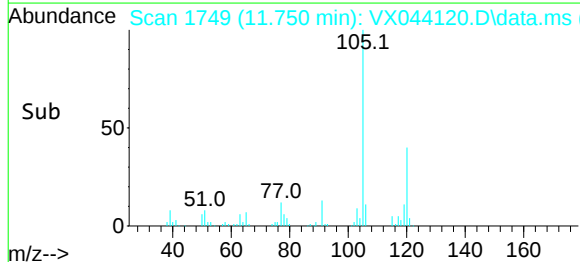
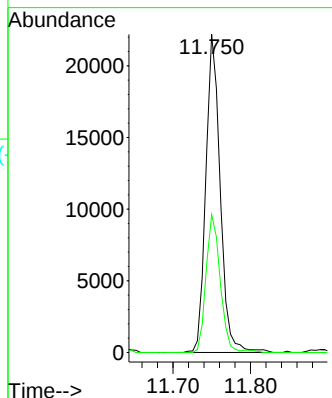
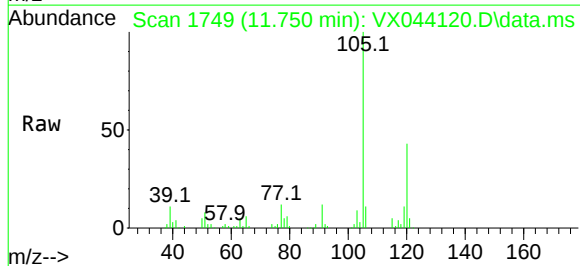
SPLP-C5-1RE

Tgt Ion:105 Resp: 28677

Ion Ratio Lower Upper

105 100

120 42.9 21.9 65.7



#95

Naphthalene

Concen: 322.192 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044120.D

Acq: 04 Dec 2024 16:29

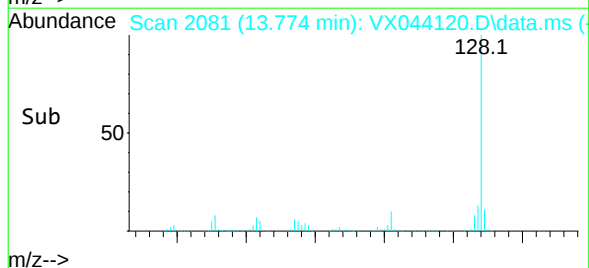
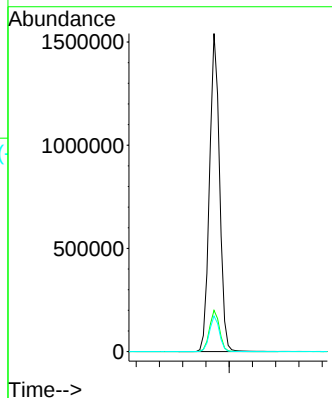
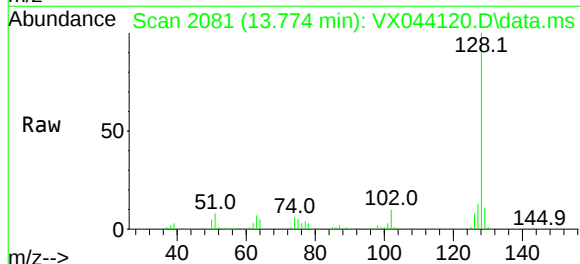
Tgt Ion:128 Resp: 1846604

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.0 8.6 12.8



Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C5-2		SDG No.:	P5006	
Lab Sample ID:	P5006-04		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044114.D	1		12/04/24 14:10	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	27.7		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	1.10	J	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	4.70	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.60	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	1.10	J	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-2	SDG No.:	P5006
Lab Sample ID:	P5006-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044114.D	1		12/04/24 14:10	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	12.7		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	4.50	J	0.31	10.0	ug/L
95-47-6	o-Xylene	3.50	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	1.50	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.2		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	34.3	*	70 (75) - 130 (124)	69%	SPK: 50
2037-26-5	Toluene-d8	49.2		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108000	5.544			
540-36-3	1,4-Difluorobenzene	209000	6.757			
3114-55-4	Chlorobenzene-d5	184000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	81300	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-2	SDG No.:	P5006
Lab Sample ID:	P5006-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW
		Final Vol:	5000
		Test:	SPLP VOA

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044114.D	1		12/04/24 14:10	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044114.D
 Acq On : 04 Dec 2024 14:10
 Operator : JC/MD
 Sample : P5006-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C5-2

Quant Time: Dec 05 00:26:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

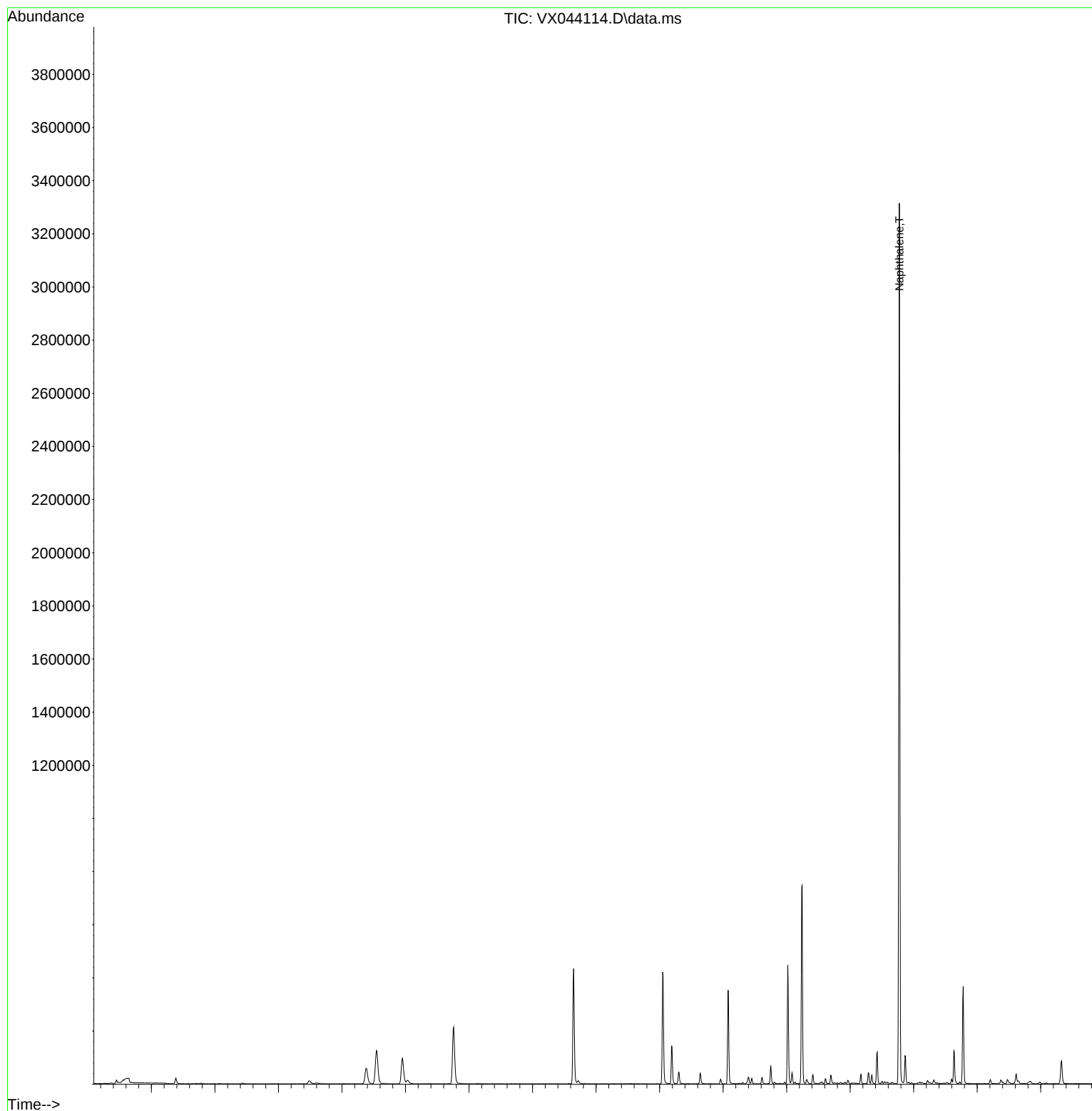
Internal Standards						
1) Pentafluorobenzene	5.544	168	108365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95246	51.245	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.480%			
35) Dibromofluoromethane	5.379	113	51327	34.304	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 68.600%#			
50) Toluene-d8	8.647	98	253841	49.216	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.440%			
62) 4-Bromofluorobenzene	11.079	95	90349	51.472	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.940%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	23665	27.722	ug/l	95
18) Methyl Acetate	2.709	43	2218	1.116	ug/l #	90
27) cis-1,2-Dichloroethene	4.483	96	7450	4.675	ug/l	89
40) Benzene	6.031	78	14869	2.560	ug/l	98
52) Toluene	8.720	92	3853	1.108	ug/l	97
67) Ethyl Benzene	10.195	91	87364	12.749	ug/l	99
68) m/p-Xylenes	10.299	106	11423	4.470	ug/l	96
69) o-Xylene	10.646	106	8786	3.521	ug/l	99
73) Isopropylbenzene	10.963	105	9563	1.530	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	8366	1.627	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	28671	5.600	ug/l	99
95) Naphthalene	13.774	128	1795619	308.730	ug/l	100

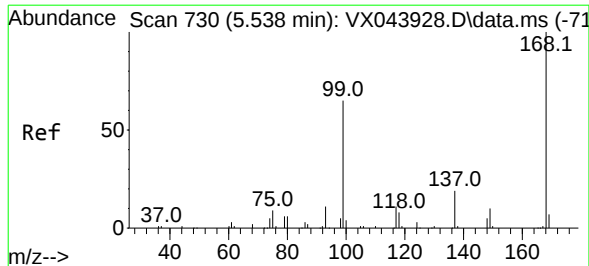
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044114.D
Acq On : 04 Dec 2024 14:10
Operator : JC/MD
Sample : P5006-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-2

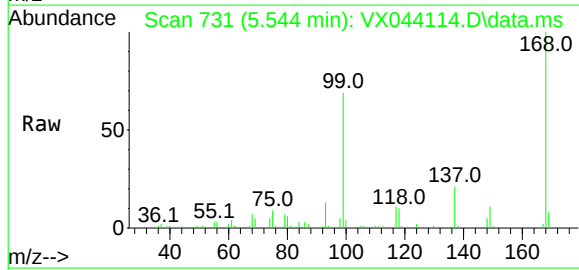
Quant Time: Dec 05 00:26:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



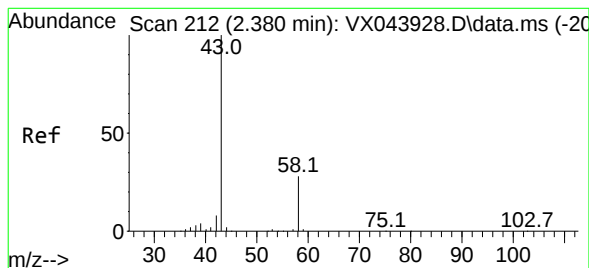
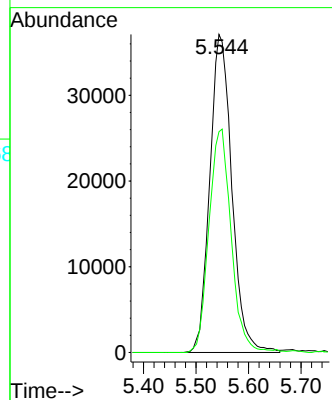
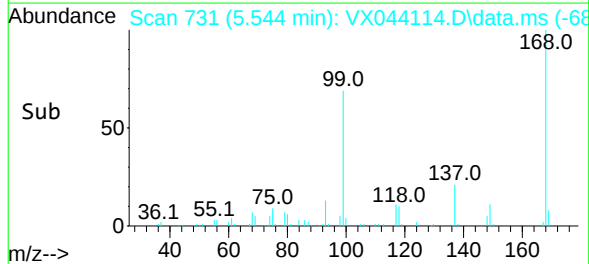


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-2

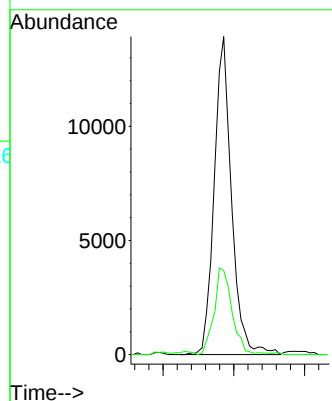
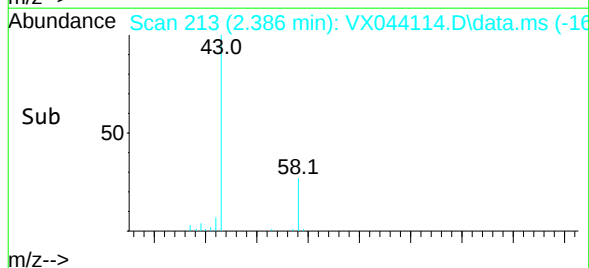
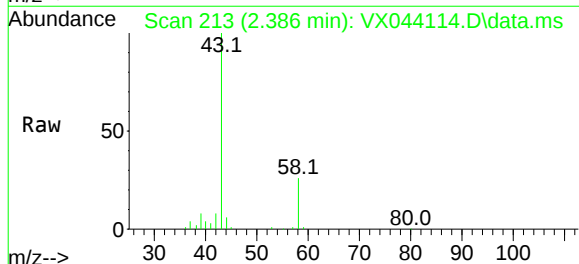


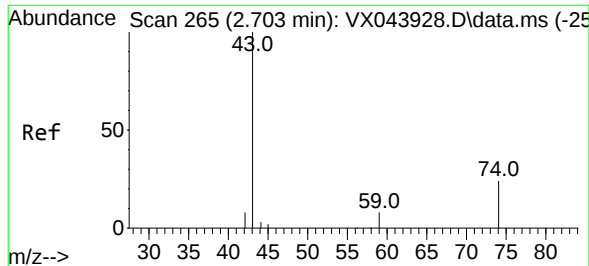
Tgt Ion: 168 Resp: 108365
Ion Ratio Lower Upper
168 100
99 69.4 51.8 77.8



#16
Acetone
Concen: 27.722 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

Tgt Ion: 43 Resp: 23665
Ion Ratio Lower Upper
43 100
58 25.9 22.7 34.1





#18

Methyl Acetate

Concen: 1.116 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

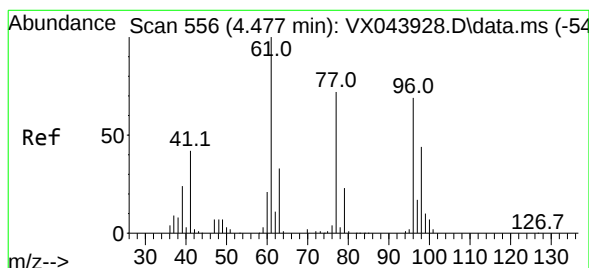
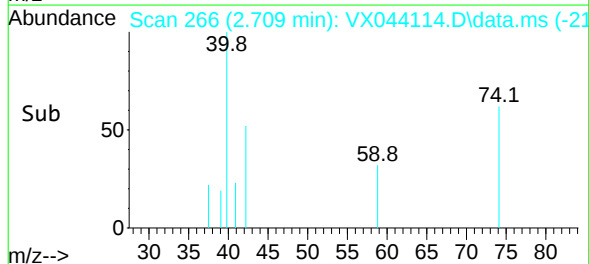
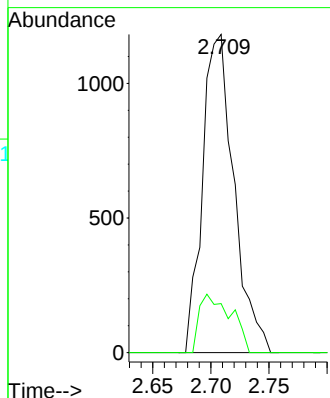
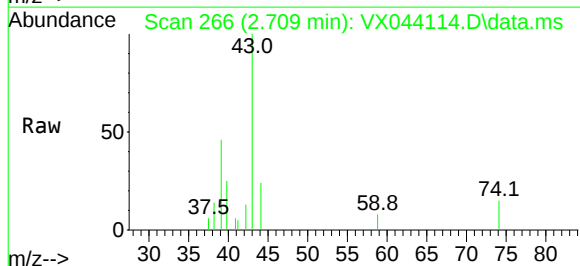
SPLP-C5-2

Tgt Ion: 43 Resp: 2218

Ion Ratio Lower Upper

43 100

74 18.5 18.9 28.3#



#27

cis-1,2-Dichloroethene

Concen: 4.675 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

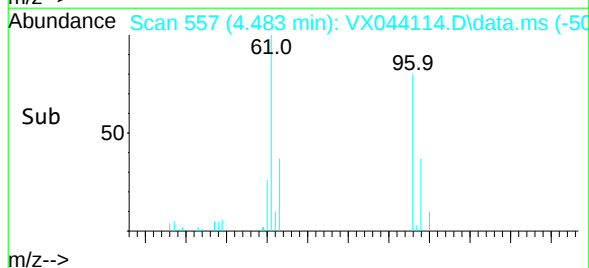
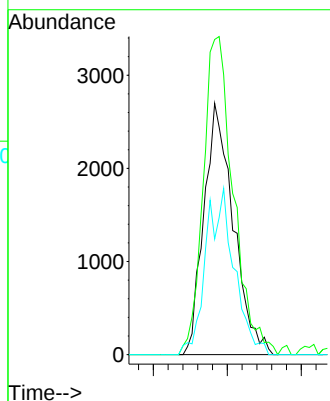
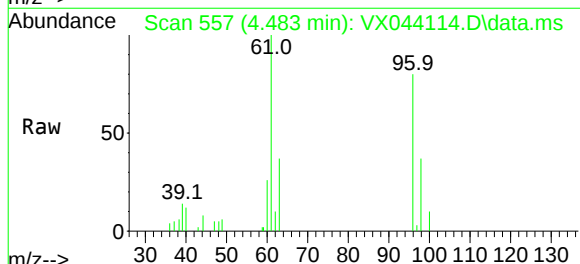
Tgt Ion: 96 Resp: 7450

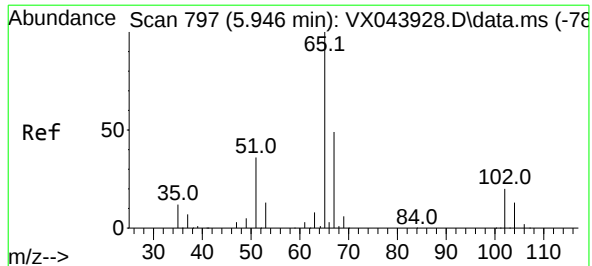
Ion Ratio Lower Upper

96 100

61 129.6 0.0 297.4

98 63.8 0.0 127.8

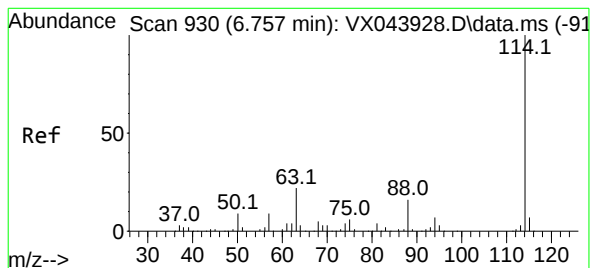
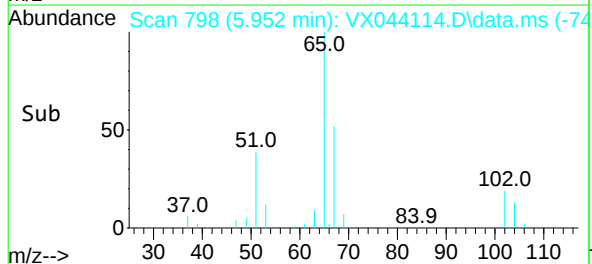
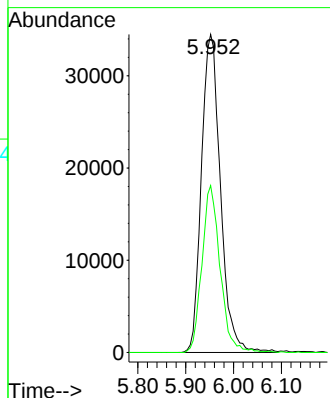
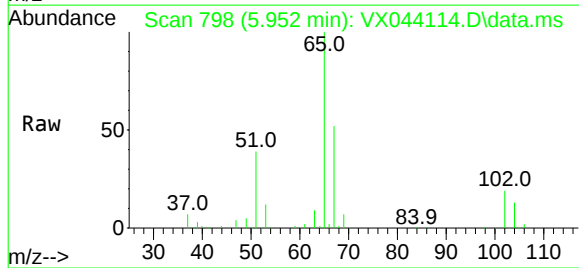




#33
1,2-Dichloroethane-d4
Concen: 51.245 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

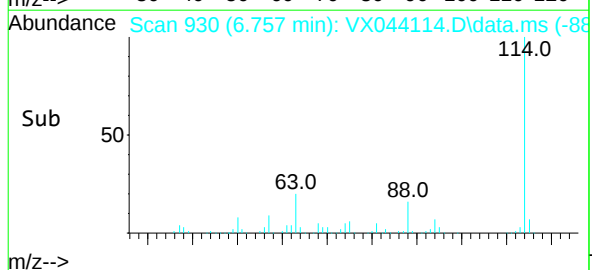
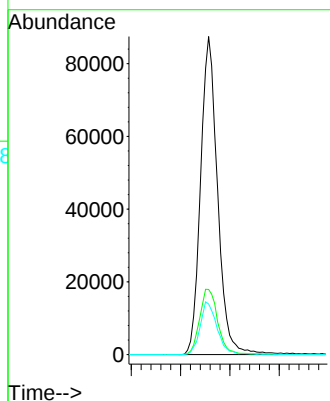
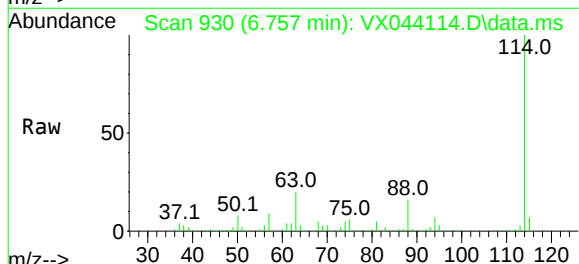
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-2

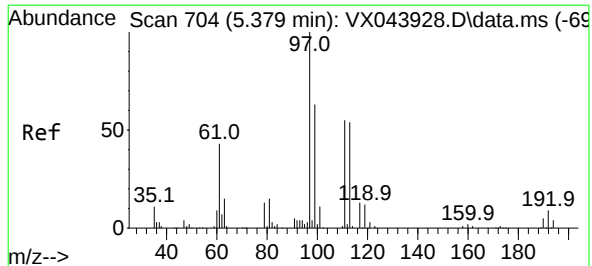
Tgt Ion: 65 Resp: 95246
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044114.D
Acq: 04 Dec 2024 14:10

Tgt Ion: 114 Resp: 209397
Ion Ratio Lower Upper
114 100
63 20.5 0.0 44.0
88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 34.304 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044114.D

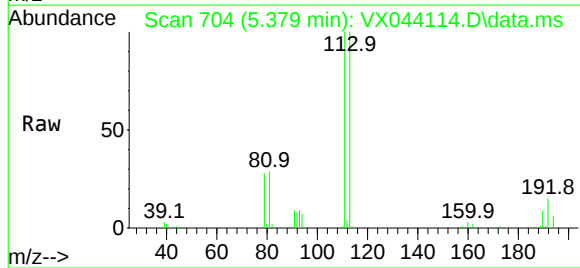
Acq: 04 Dec 2024 14:10

Instrument :

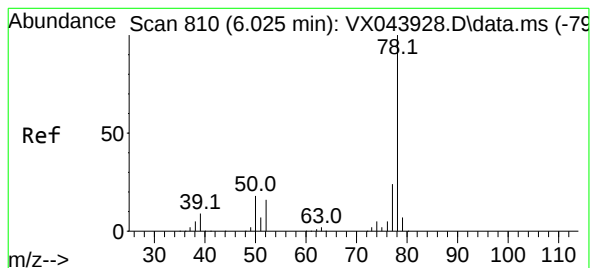
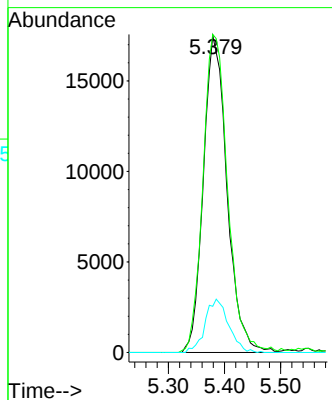
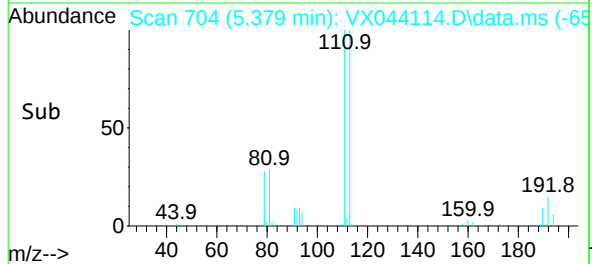
MSVOA_X

ClientSampleId :

SPLP-C5-2



Tgt Ion:	113	Resp:	51327
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.0	121.4
192	16.7	13.0	19.6



#40

Benzene

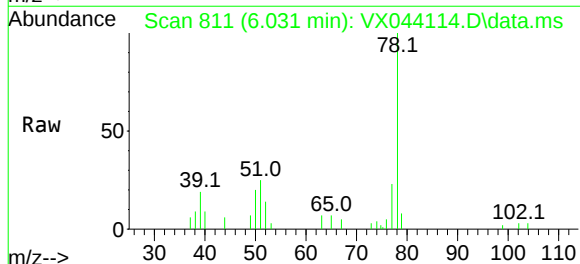
Concen: 2.560 ug/l

RT: 6.031 min Scan# 811

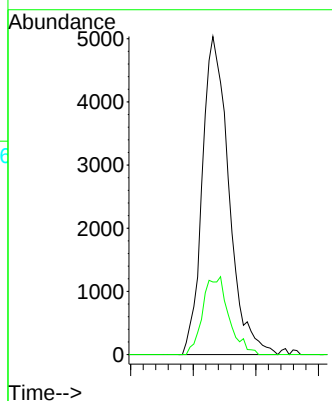
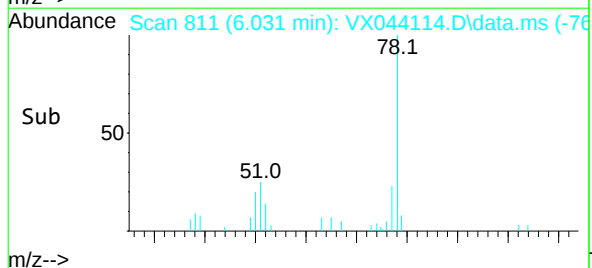
Delta R.T. 0.006 min

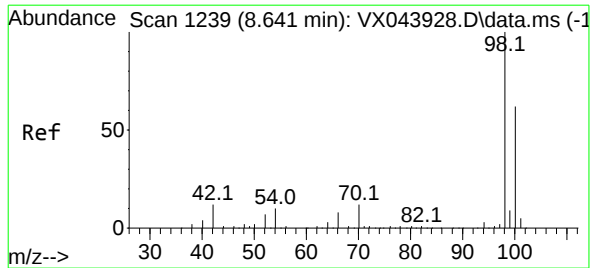
Lab File: VX044114.D

Acq: 04 Dec 2024 14:10



Tgt Ion:	78	Resp:	14869
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.2	28.8





#50

Toluene-d8

Concen: 49.216 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

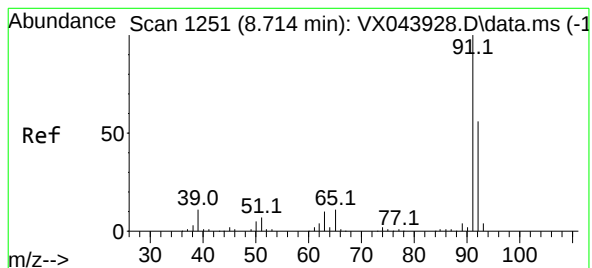
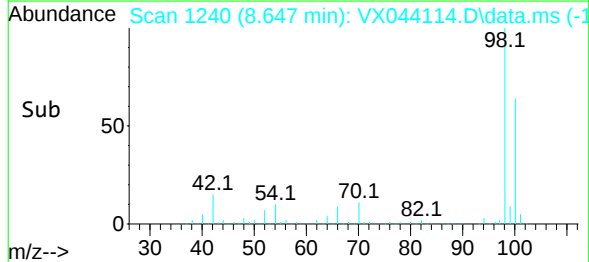
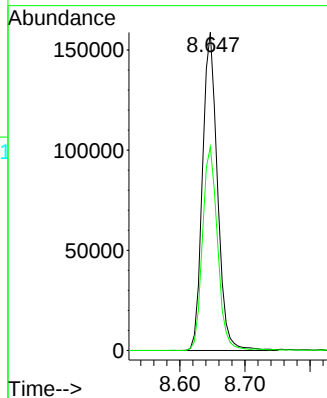
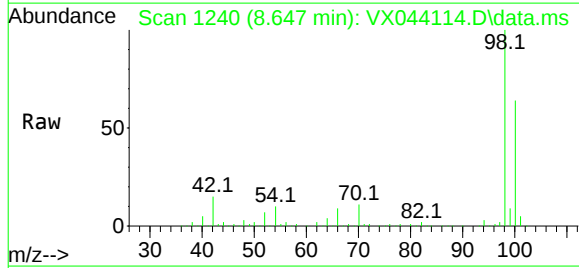
SPLP-C5-2

Tgt Ion: 98 Resp: 253841

Ion Ratio Lower Upper

98 100

100 63.9 52.6 79.0



#52

Toluene

Concen: 1.108 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044114.D

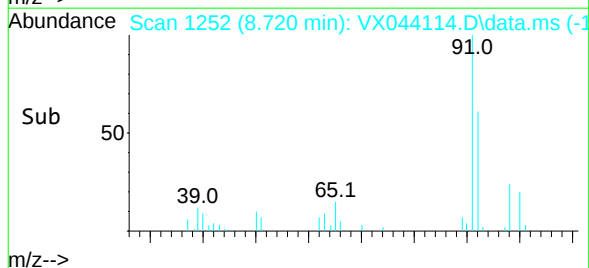
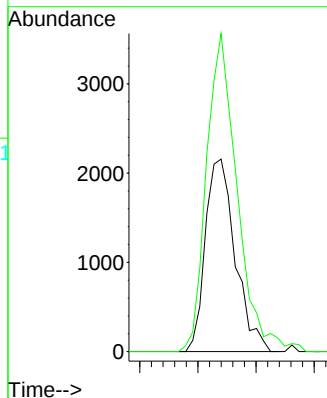
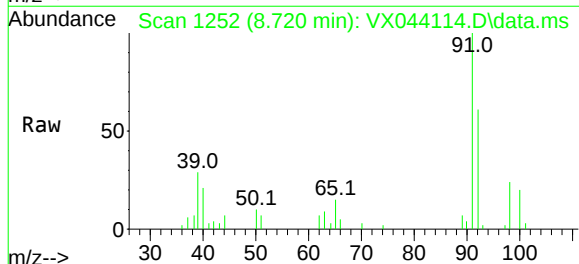
Acq: 04 Dec 2024 14:10

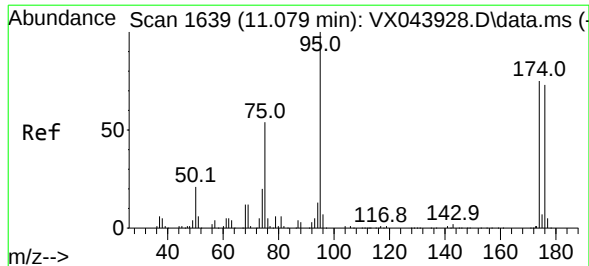
Tgt Ion: 92 Resp: 3853

Ion Ratio Lower Upper

92 100

91 169.9 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 51.472 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044114.D

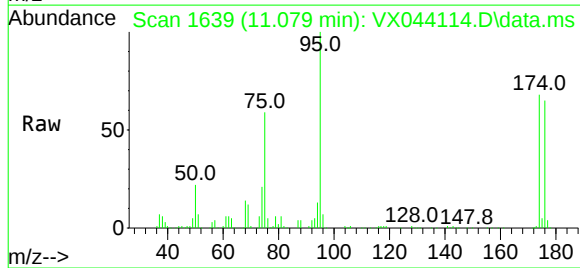
Acq: 04 Dec 2024 14:10

Instrument :

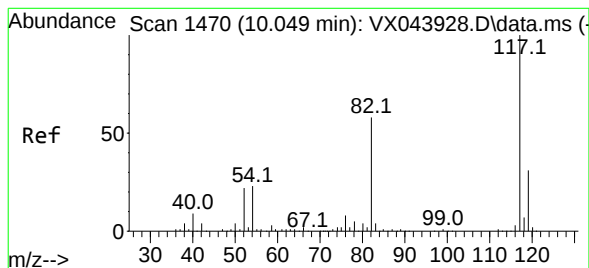
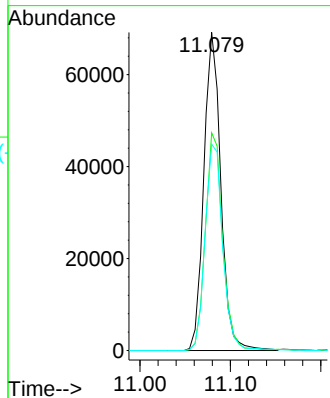
MSVOA_X

ClientSampleId :

SPLP-C5-2



Tgt Ion:	95	Resp:	90349
Ion	Ratio	Lower	Upper
95	100		
174	69.4	0.0	150.4
176	67.7	0.0	146.0



#63

Chlorobenzene-d5

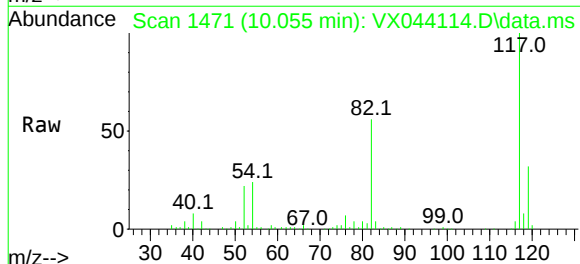
Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

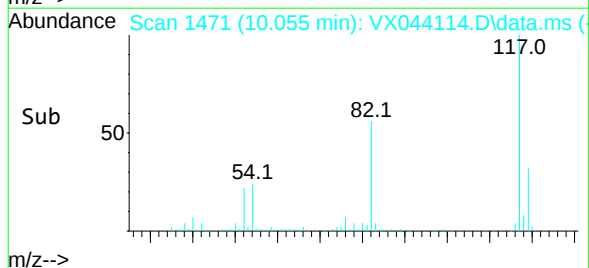
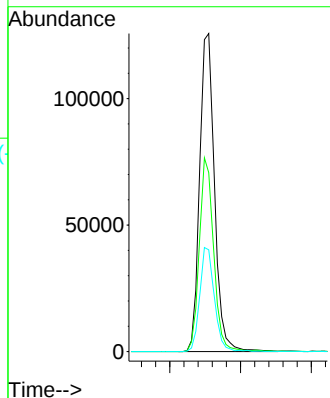
Delta R.T. 0.006 min

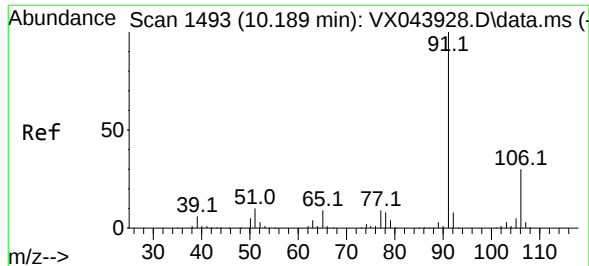
Lab File: VX044114.D

Acq: 04 Dec 2024 14:10



Tgt Ion:	117	Resp:	184133
Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.4	69.6
119	32.0	24.6	37.0





#67

Ethyl Benzene

Concen: 12.749 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

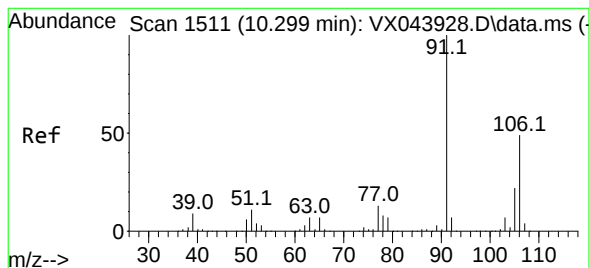
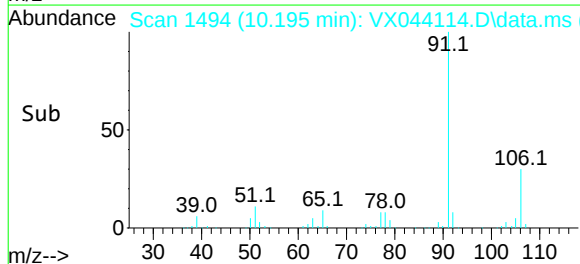
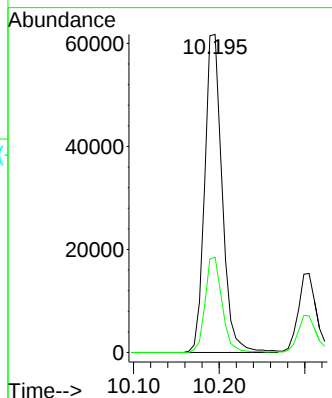
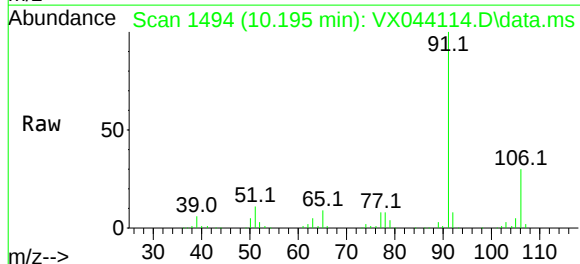
SPLP-C5-2

Tgt Ion: 91 Resp: 87364

Ion Ratio Lower Upper

91 100

106 30.0 23.6 35.4



#68

m/p-Xylenes

Concen: 4.470 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044114.D

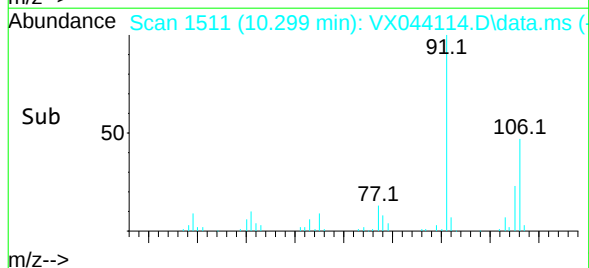
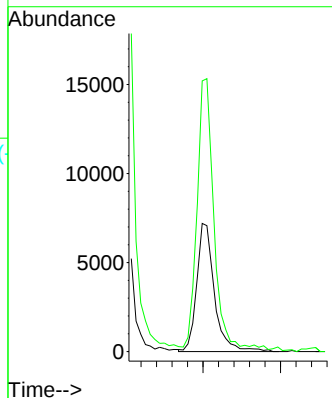
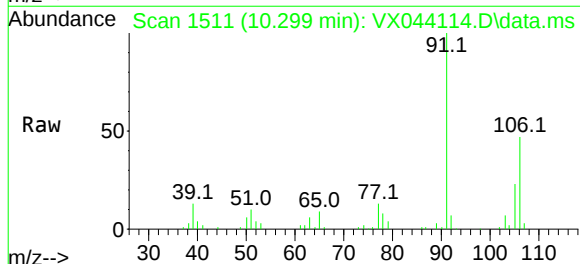
Acq: 04 Dec 2024 14:10

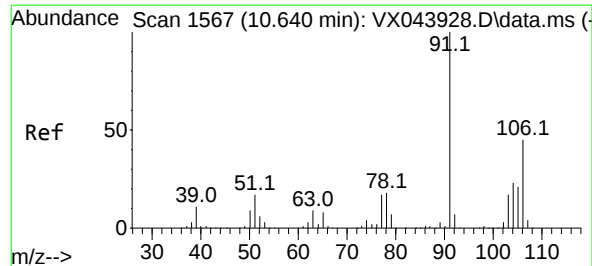
Tgt Ion: 106 Resp: 11423

Ion Ratio Lower Upper

106 100

91 203.9 168.1 252.1





#69

o-Xylene

Concen: 3.521 ug/l

RT: 10.646 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

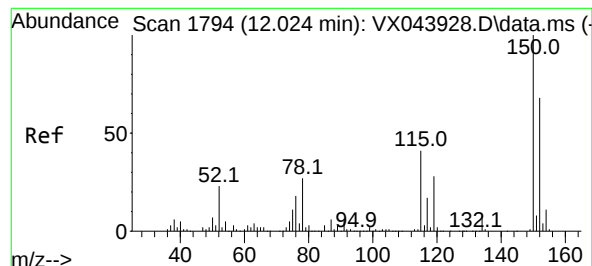
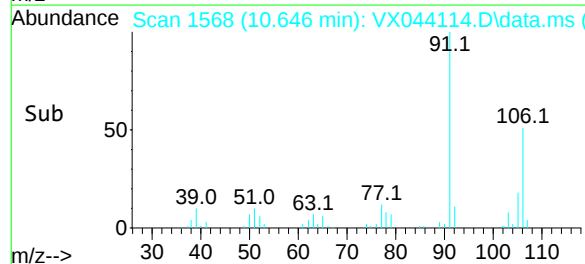
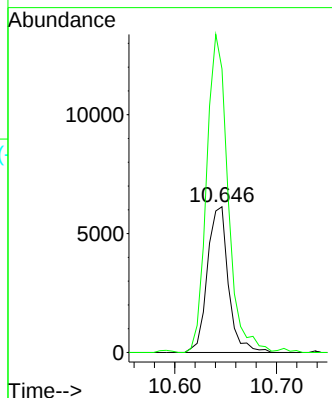
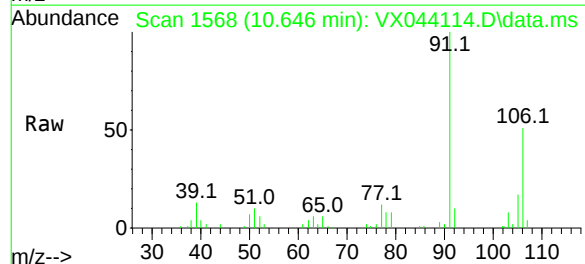
SPLP-C5-2

Tgt Ion:106 Resp: 8786

Ion Ratio Lower Upper

106 100

91 222.7 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

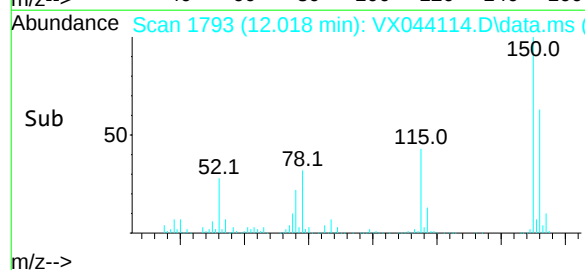
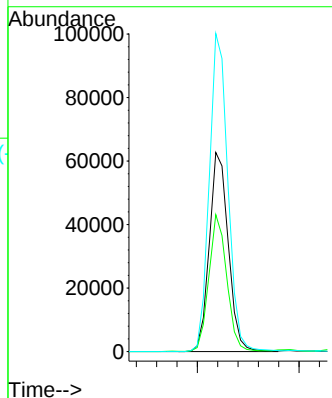
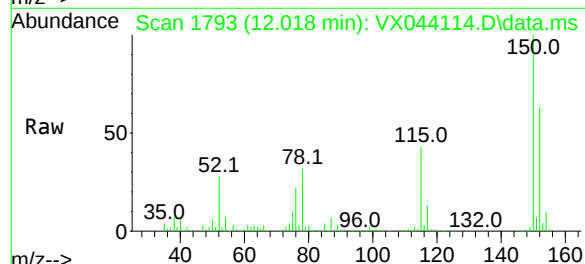
Tgt Ion:152 Resp: 81312

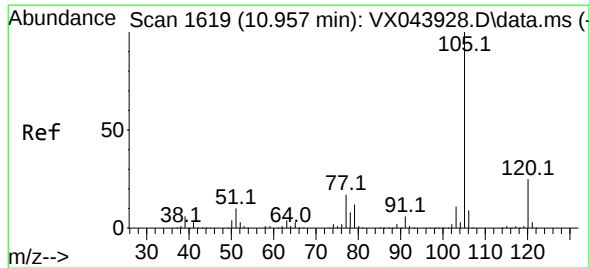
Ion Ratio Lower Upper

152 100

115 64.6 45.4 136.2

150 156.5 0.0 353.0





#73

Isopropylbenzene

Concen: 1.530 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

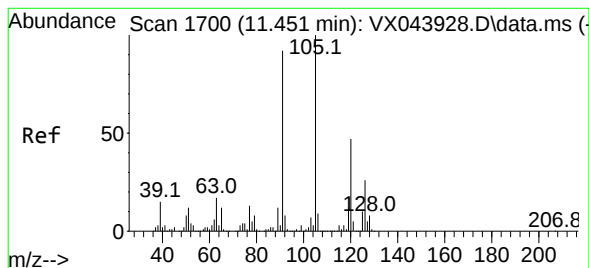
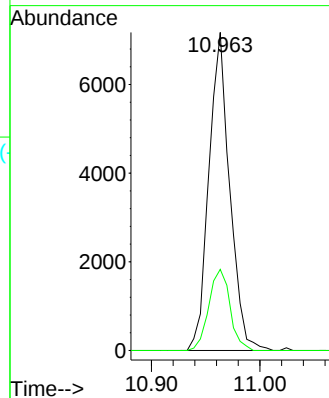
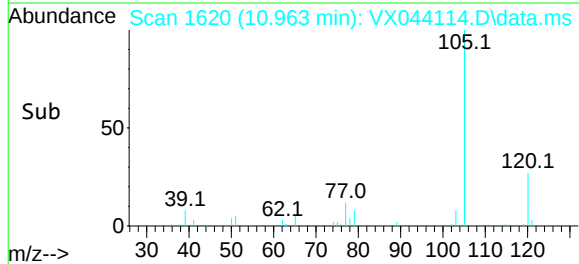
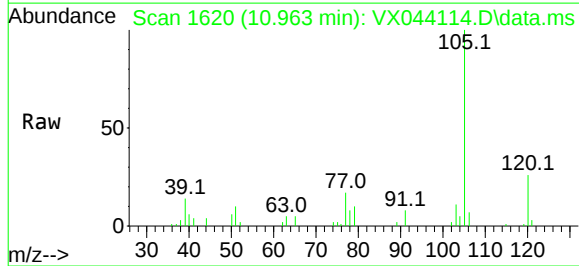
SPLP-C5-2

Tgt Ion:105 Resp: 9563

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.627 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044114.D

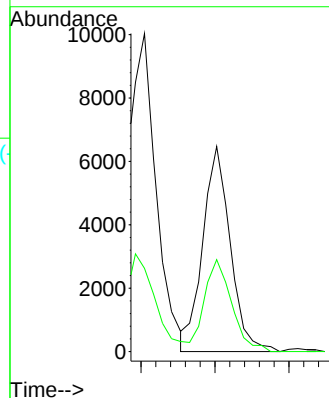
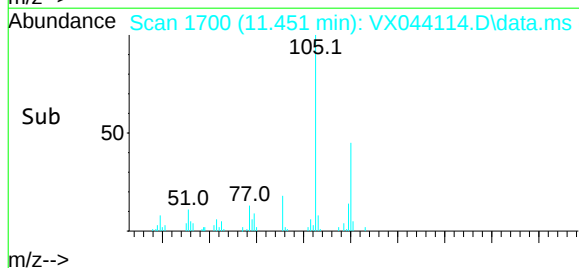
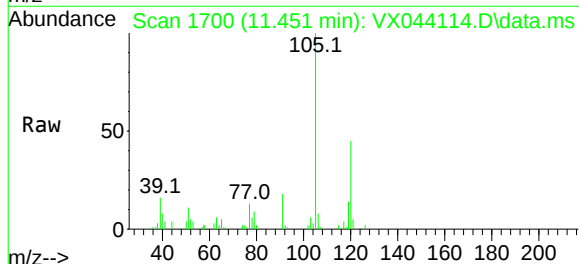
Acq: 04 Dec 2024 14:10

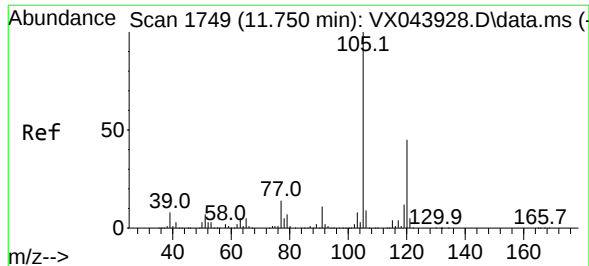
Tgt Ion:105 Resp: 8366

Ion Ratio Lower Upper

105 100

120 44.2 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 5.600 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

Instrument :

MSVOA_X

ClientSampleId :

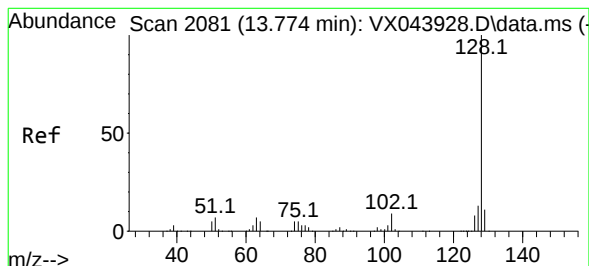
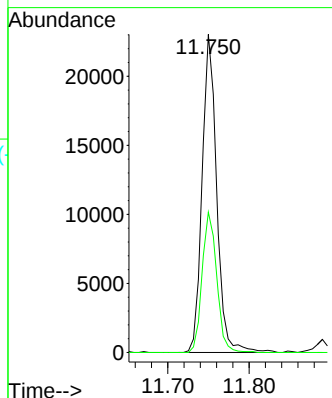
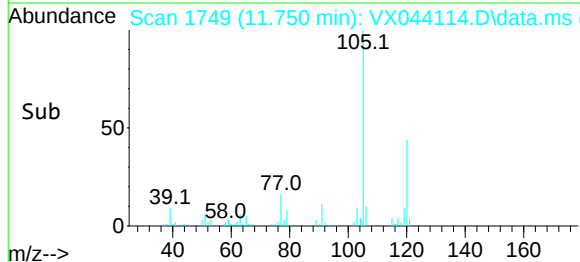
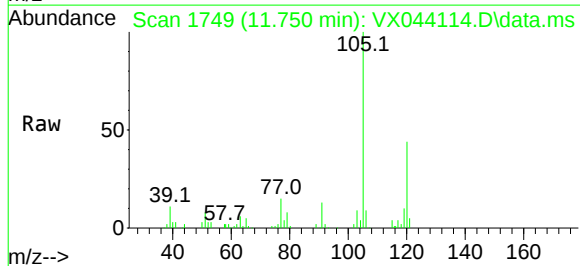
SPLP-C5-2

Tgt Ion:105 Resp: 28671

Ion Ratio Lower Upper

105 100

120 44.2 21.9 65.7



#95

Naphthalene

Concen: 308.730 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044114.D

Acq: 04 Dec 2024 14:10

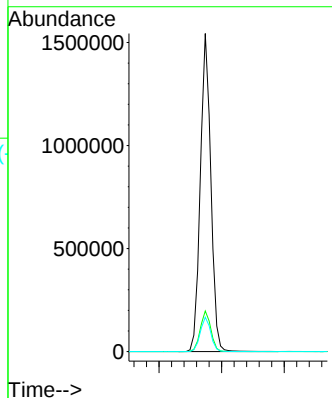
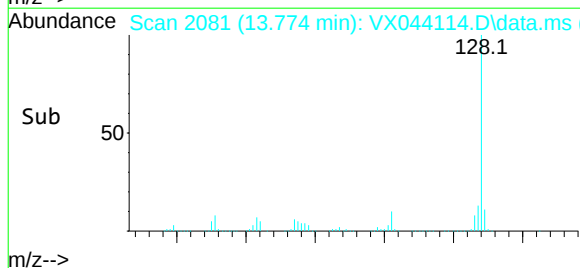
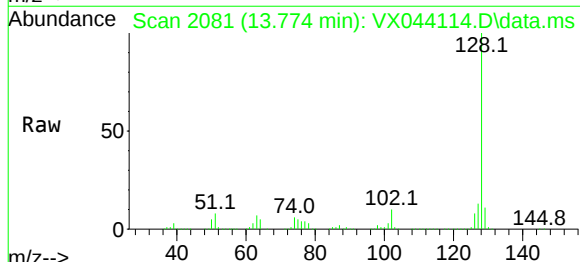
Tgt Ion:128 Resp: 1795619

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.8 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-04RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044129.D	1		12/04/24 19:57	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	31.0		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	4.90	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.60	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	1.20	J	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-04RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044129.D	1		12/04/24 19:57	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	13.7		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	4.80	J	0.31	10.0	ug/L
95-47-6	o-Xylene	3.70	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	1.70	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	35.0		70 (75) - 130 (124)	70%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		70 (77) - 130 (121)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	102000	5.55			
540-36-3	1,4-Difluorobenzene	200000	6.757			
3114-55-4	Chlorobenzene-d5	169000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	68400	12.024			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-04RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044129.D	1		12/04/24 19:57	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044129.D
 Acq On : 04 Dec 2024 19:57
 Operator : JC/MD
 Sample : P5006-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C5-2RE

Quant Time: Dec 05 00:37:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

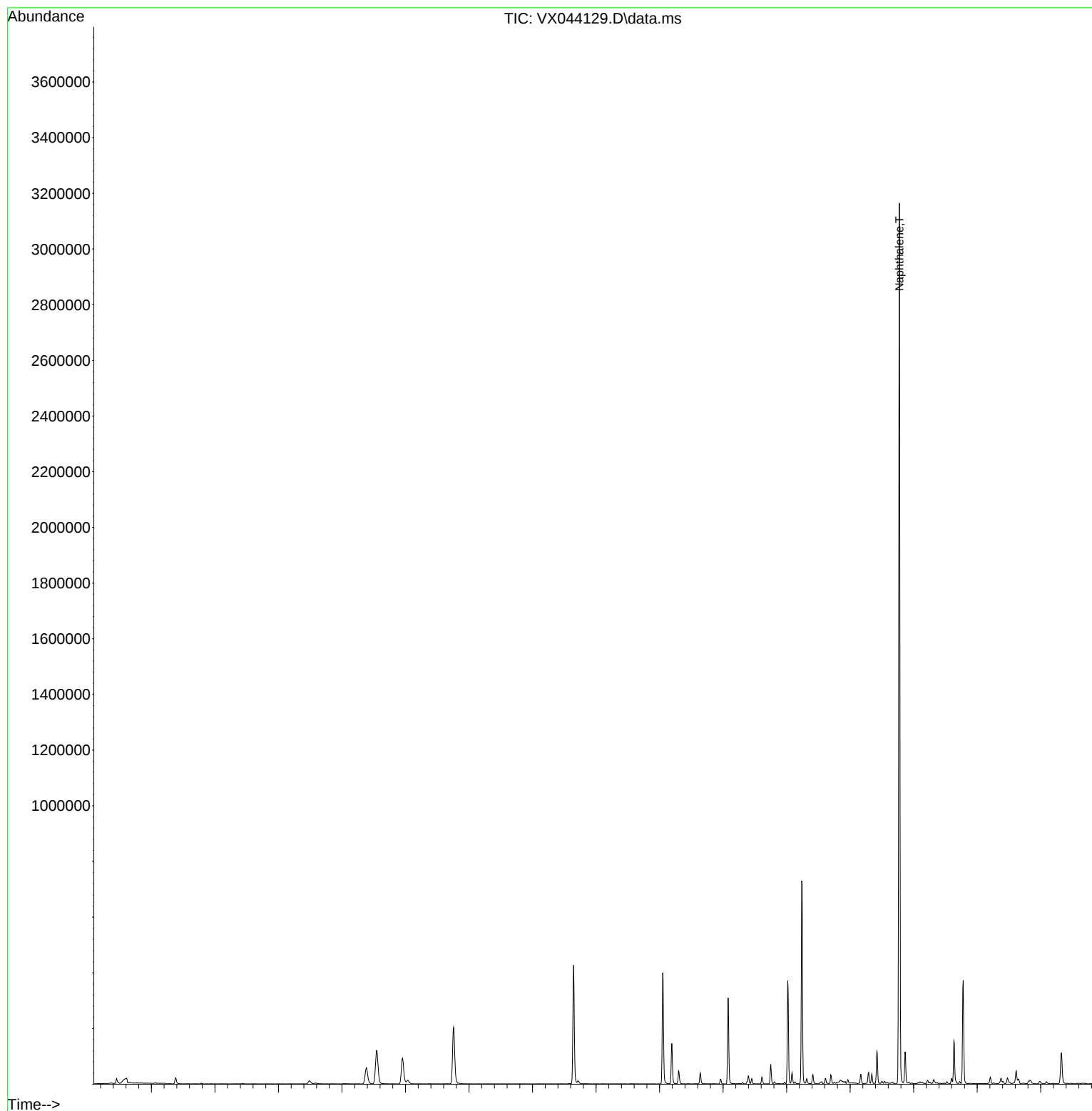
Internal Standards						
1) Pentafluorobenzene	5.550	168	101936	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	199845	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	169469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91520	52.346	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.700%			
35) Dibromofluoromethane	5.385	113	49951	34.980	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 69.960%#			
50) Toluene-d8	8.647	98	245054	49.783	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.560%			
62) 4-Bromofluorobenzene	11.079	95	80566	48.092	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.180%			
Target Compounds						
16) Acetone	2.380	43	24857	30.955	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	7330	4.890	ug/l	89
40) Benzene	6.037	78	14623	2.638	ug/l	97
52) Toluene	8.726	92	3847	1.160	ug/l	91
67) Ethyl Benzene	10.195	91	86422	13.703	ug/l	98
68) m/p-Xylenes	10.299	106	11205	4.764	ug/l	99
69) o-Xylene	10.640	106	8554	3.725	ug/l	99
73) Isopropylbenzene	10.963	105	8899	1.693	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	7833	1.811	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	30130	6.998	ug/l	94
95) Naphthalene	13.774	128	1759335	359.667	ug/l	99

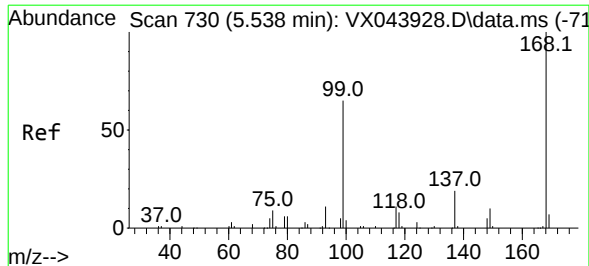
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044129.D
Acq On : 04 Dec 2024 19:57
Operator : JC/MD
Sample : P5006-04RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-2RE

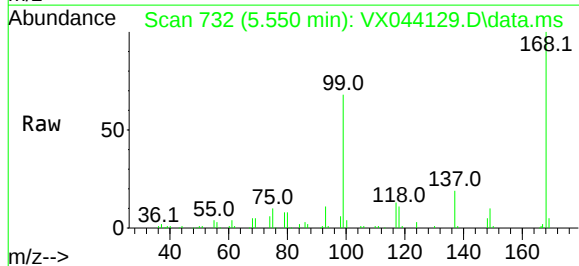
Quant Time: Dec 05 00:37:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



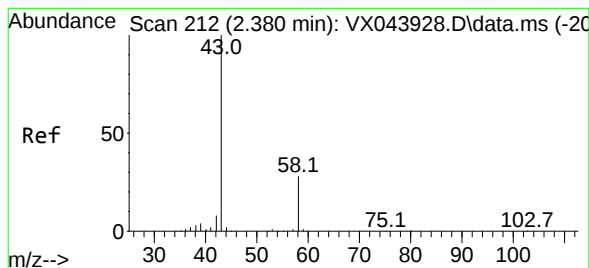
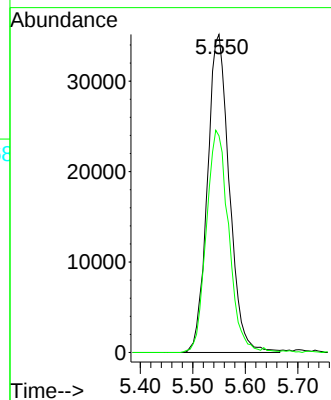
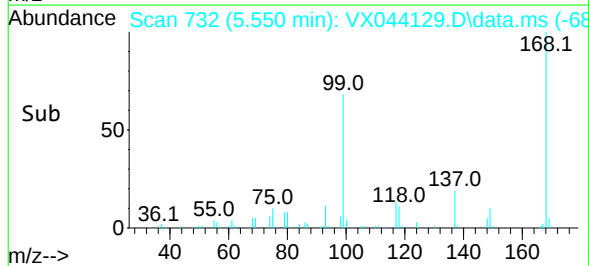


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044129.D
Acq: 04 Dec 2024 19:57

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-2RE

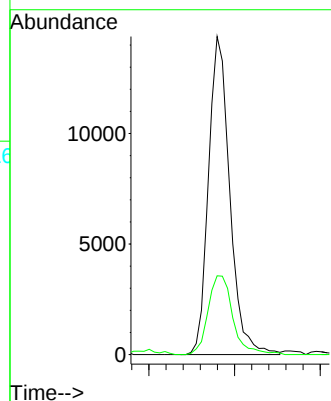
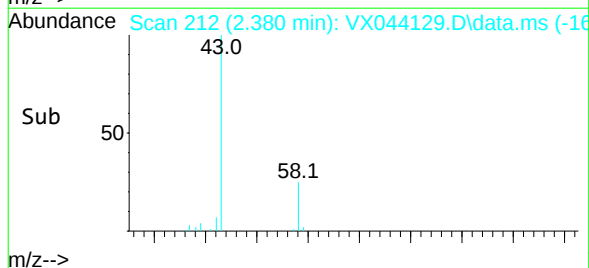
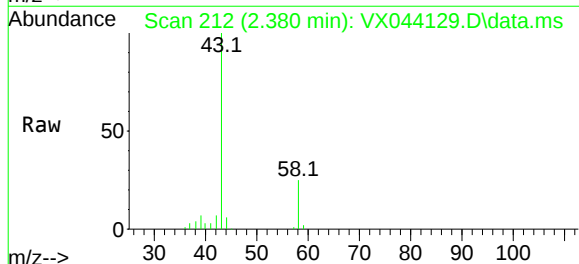


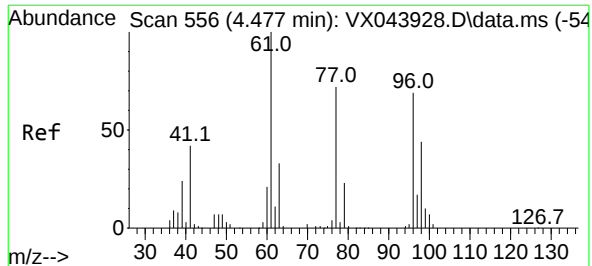
Tgt Ion: 168 Resp: 101936
Ion Ratio Lower Upper
168 100
99 68.1 51.8 77.8



#16
Acetone
Concen: 30.955 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044129.D
Acq: 04 Dec 2024 19:57

Tgt Ion: 43 Resp: 24857
Ion Ratio Lower Upper
43 100
58 24.8 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 4.890 ug/l

RT: 4.489 min Scan# 556

Delta R.T. 0.012 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

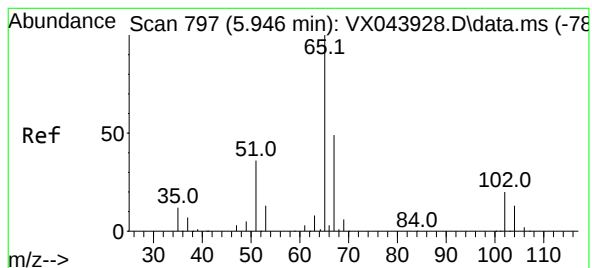
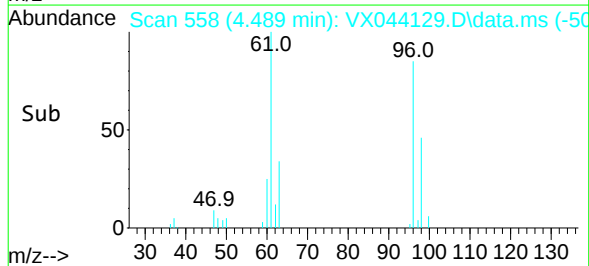
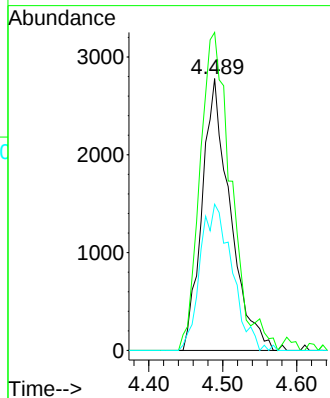
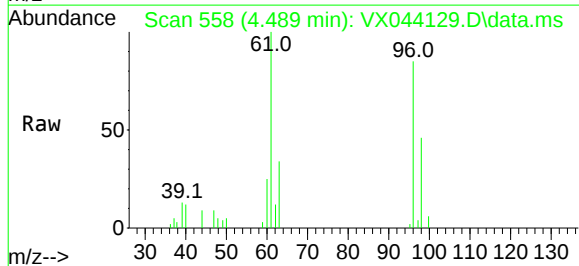
MSVOA_X

ClientSampleId :

SPLP-C5-2RE

Tgt Ion: 96 Resp: 7330

Ion	Ratio	Lower	Upper
96	100		
61	130.1	0.0	297.4
98	61.0	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 52.346 ug/l

RT: 5.952 min Scan# 798

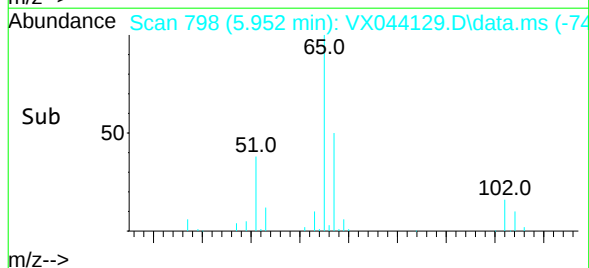
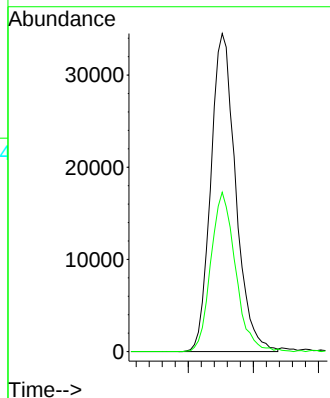
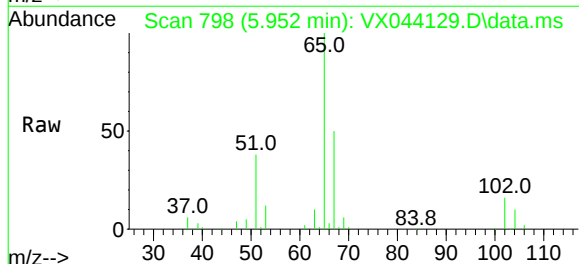
Delta R.T. 0.006 min

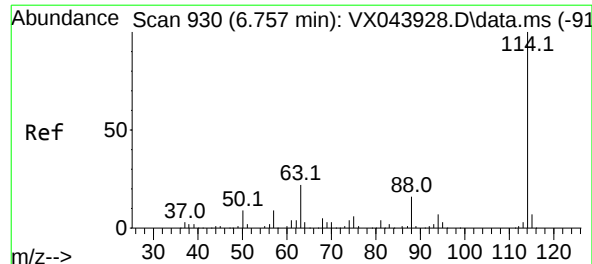
Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Tgt Ion: 65 Resp: 91520

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044129.D

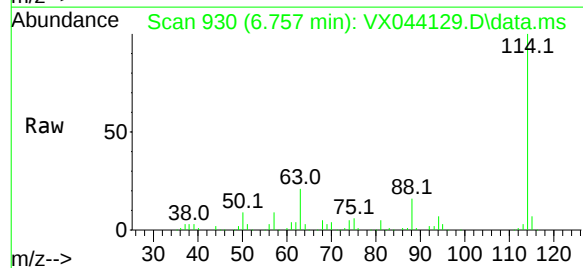
Acq: 04 Dec 2024 19:57

Instrument :

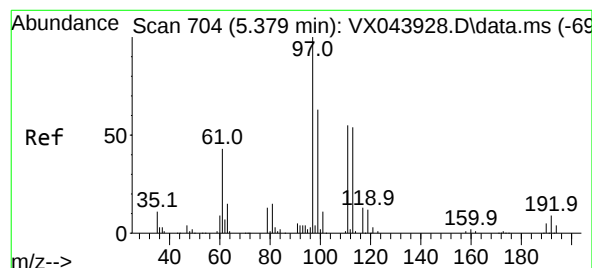
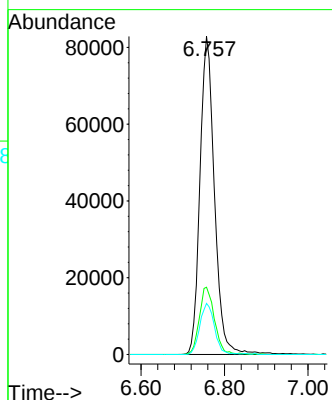
MSVOA_X

ClientSampleId :

SPLP-C5-2RE



Tgt Ion:	114	Resp:	199845
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	44.0
88	16.1	0.0	32.4



#35

Dibromofluoromethane

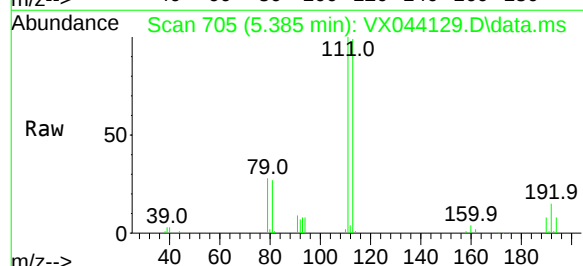
Concen: 34.980 ug/l

RT: 5.385 min Scan# 705

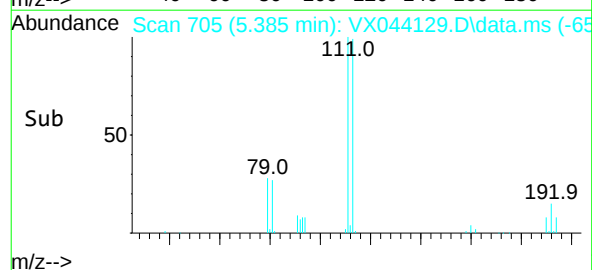
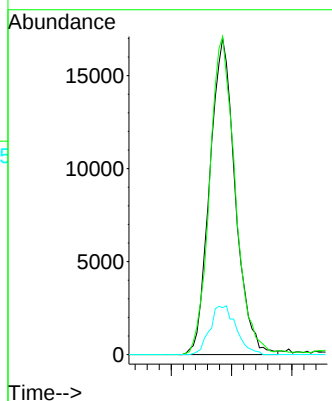
Delta R.T. 0.006 min

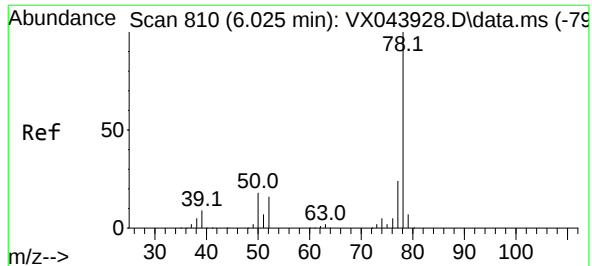
Lab File: VX044129.D

Acq: 04 Dec 2024 19:57



Tgt Ion:	113	Resp:	49951
Ion	Ratio	Lower	Upper
113	100		
111	100.6	81.0	121.4
192	15.8	13.0	19.6





#40

Benzene

Concen: 2.638 ug/l

RT: 6.037 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

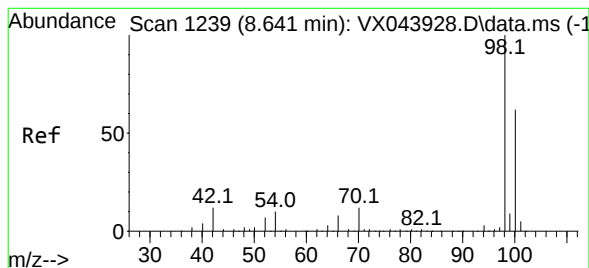
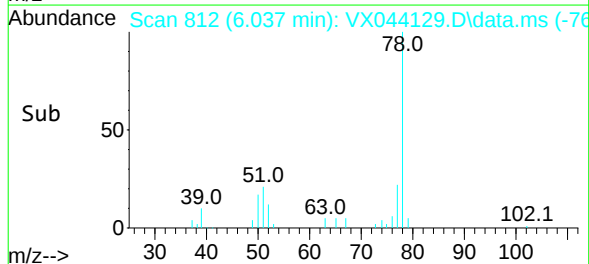
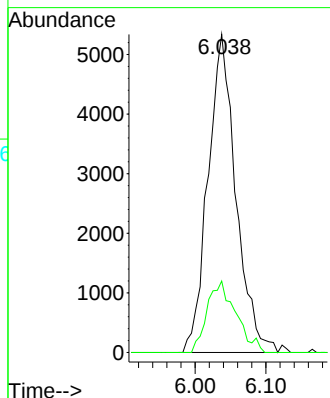
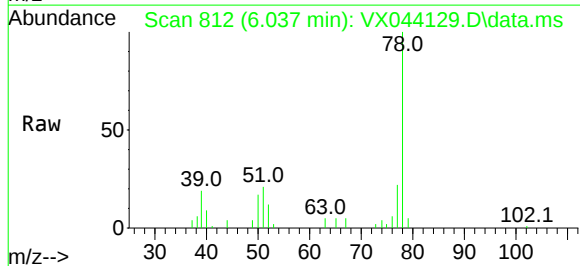
SPLP-C5-2RE

Tgt Ion: 78 Resp: 14623

Ion Ratio Lower Upper

78 100

77 22.5 19.2 28.8



#50

Toluene-d8

Concen: 49.783 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044129.D

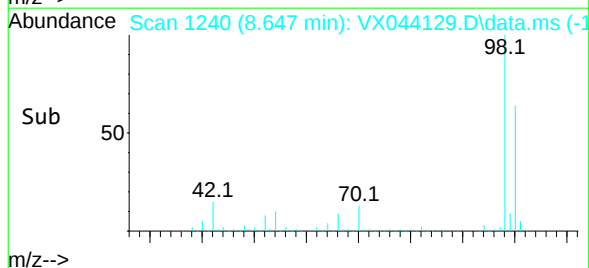
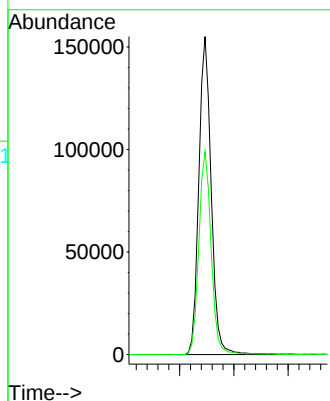
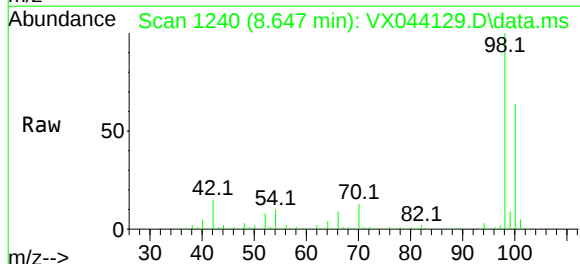
Acq: 04 Dec 2024 19:57

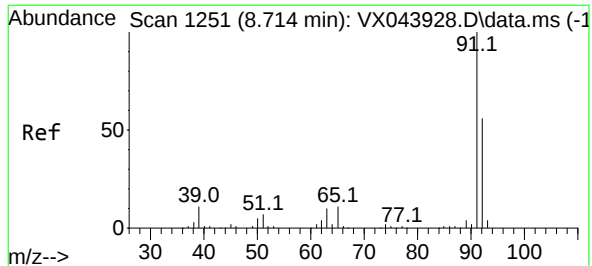
Tgt Ion: 98 Resp: 245054

Ion Ratio Lower Upper

98 100

100 63.9 52.6 79.0





#52

Toluene

Concen: 1.160 ug/l

RT: 8.726 min Scan# 12

Delta R.T. 0.012 min

Lab File: VX044129.D

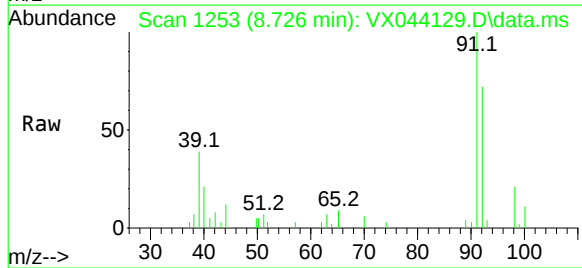
Acq: 04 Dec 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-2RE

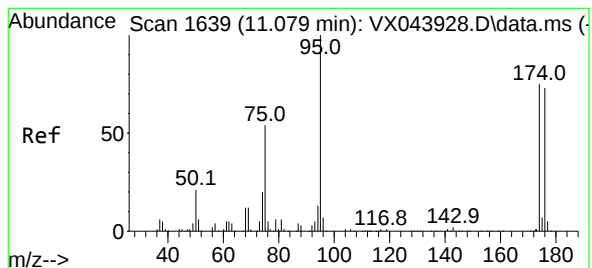
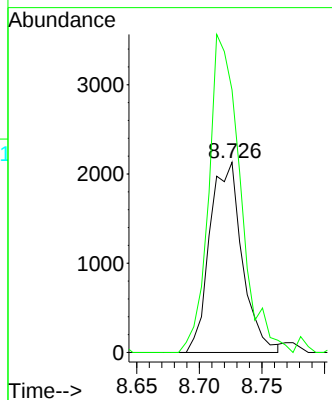
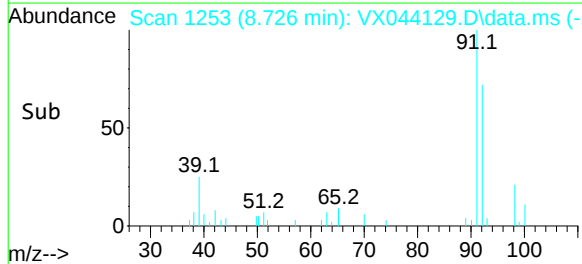


Tgt Ion: 92 Resp: 3847

Ion Ratio Lower Upper

92 100

91 161.8 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 48.092 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

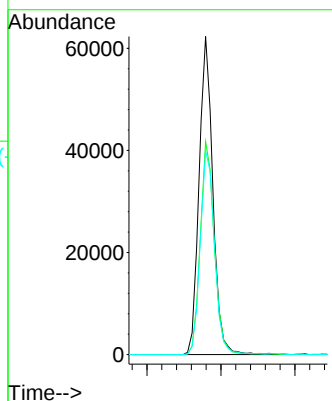
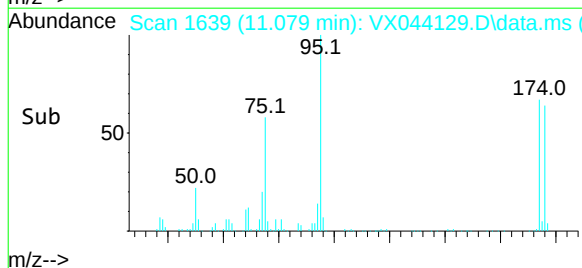
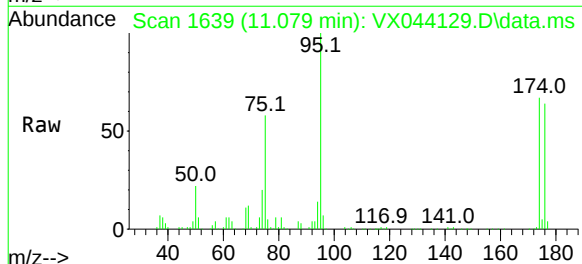
Tgt Ion: 95 Resp: 80566

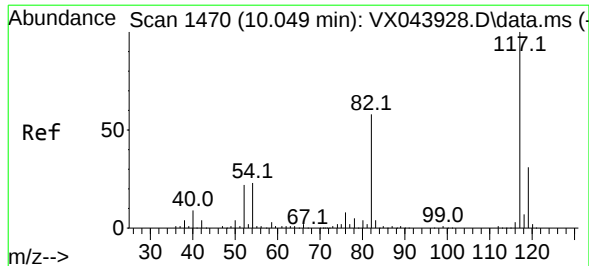
Ion Ratio Lower Upper

95 100

174 68.4 0.0 150.4

176 66.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-2RE

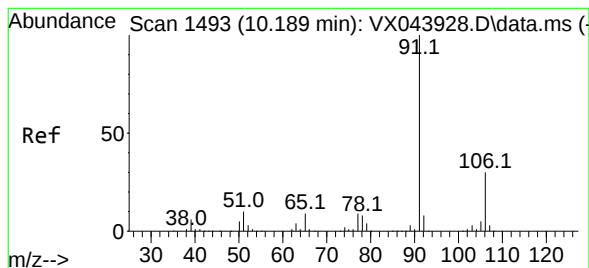
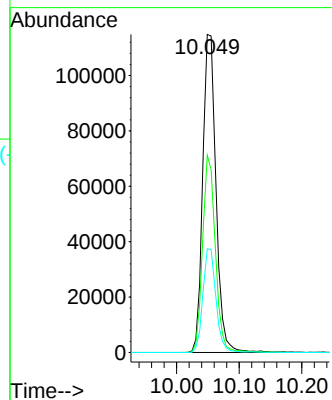
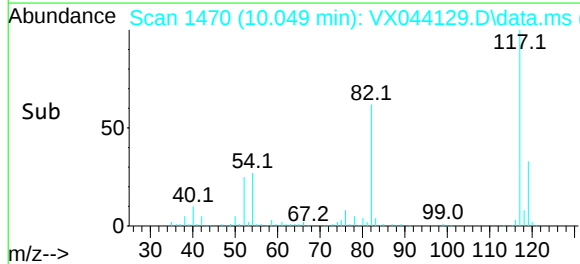
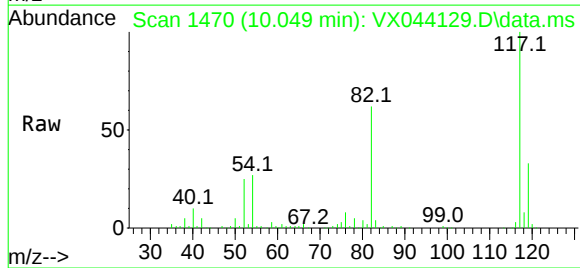
Tgt Ion:117 Resp: 169469

Ion Ratio Lower Upper

117 100

82 62.0 46.4 69.6

119 32.6 24.6 37.0



#67

Ethyl Benzene

Concen: 13.703 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044129.D

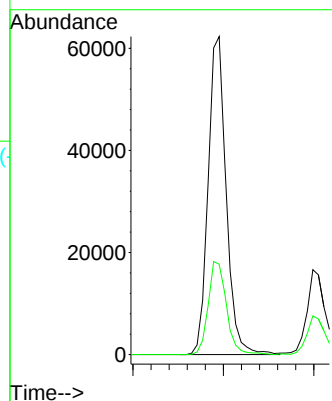
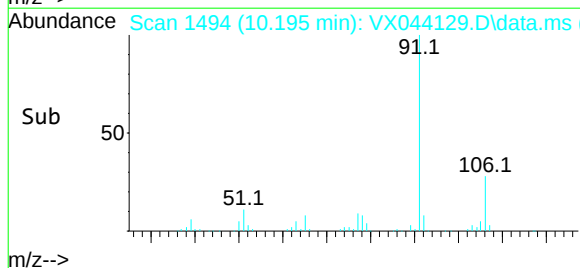
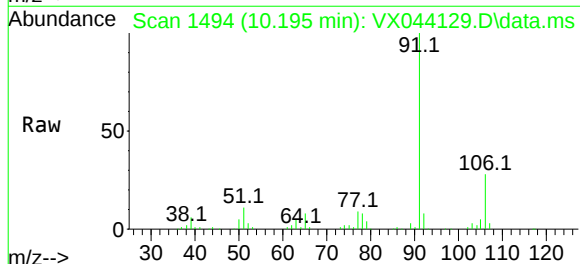
Acq: 04 Dec 2024 19:57

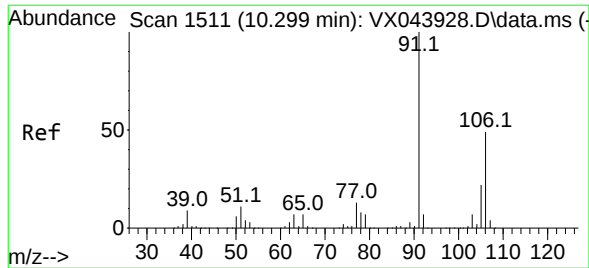
Tgt Ion: 91 Resp: 86422

Ion Ratio Lower Upper

91 100

106 28.4 23.6 35.4





#68

m/p-Xylenes

Concen: 4.764 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

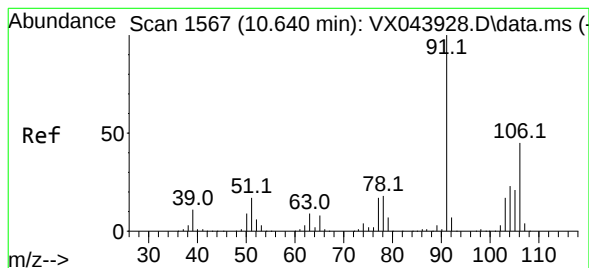
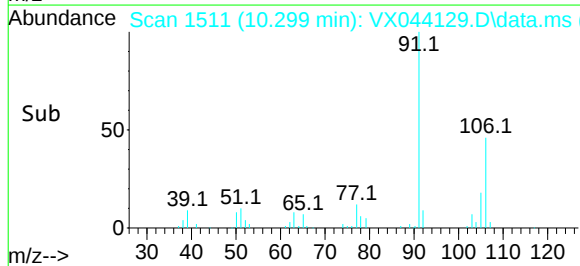
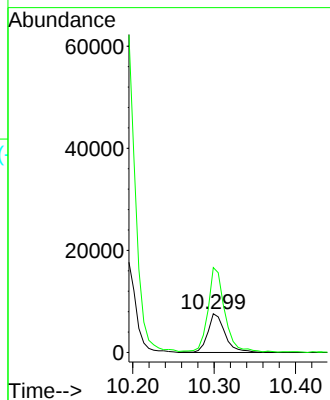
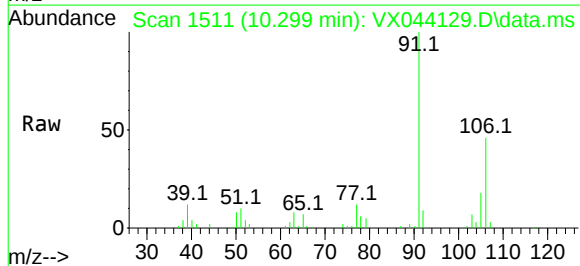
SPLP-C5-2RE

Tgt Ion:106 Resp: 11205

Ion Ratio Lower Upper

106 100

91 211.5 168.1 252.1



#69

o-Xylene

Concen: 3.725 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044129.D

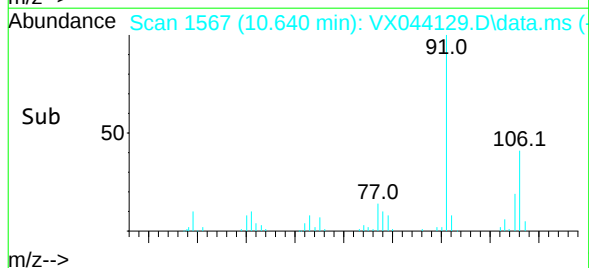
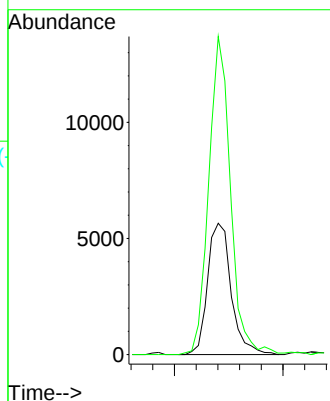
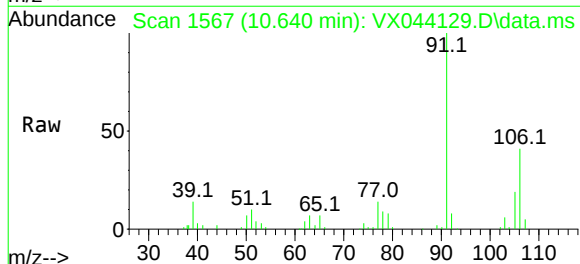
Acq: 04 Dec 2024 19:57

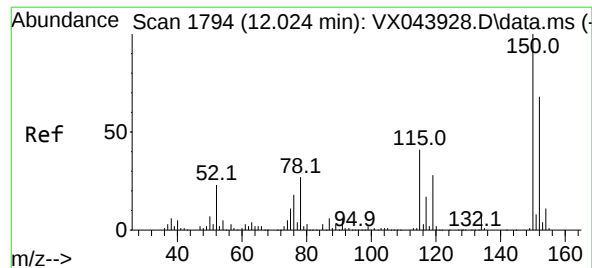
Tgt Ion:106 Resp: 8554

Ion Ratio Lower Upper

106 100

91 222.6 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-2RE

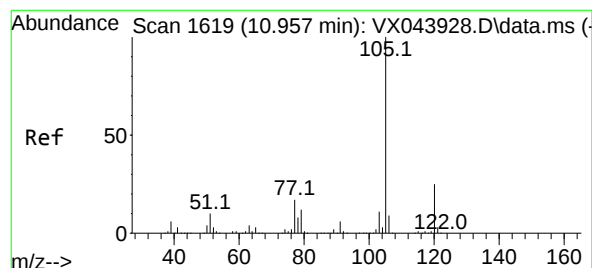
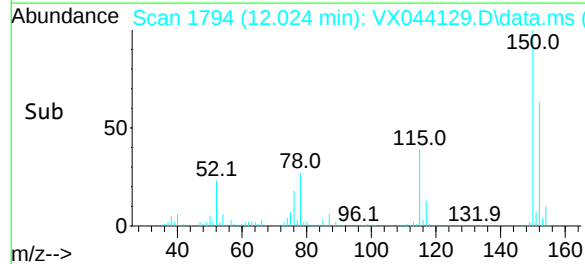
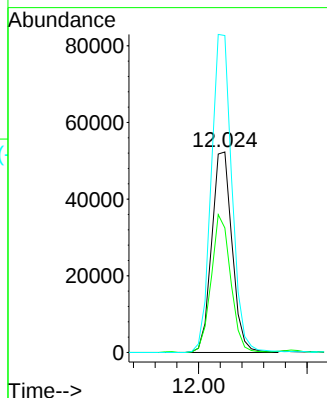
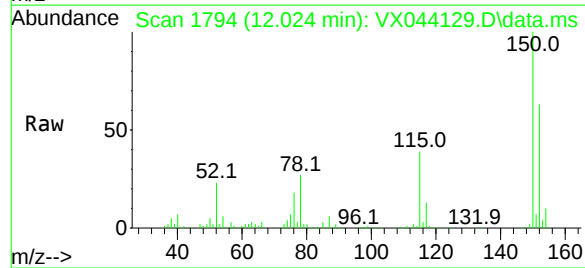
Tgt Ion:152 Resp: 68386

Ion Ratio Lower Upper

152 100

115 65.6 45.4 136.2

150 160.9 0.0 353.0



#73

Isopropylbenzene

Concen: 1.693 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044129.D

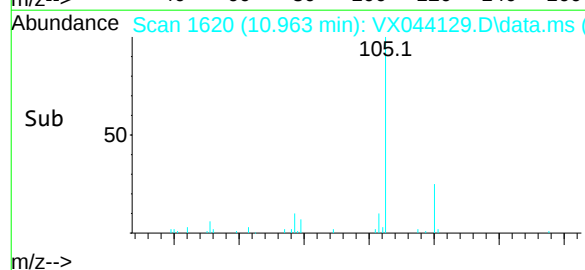
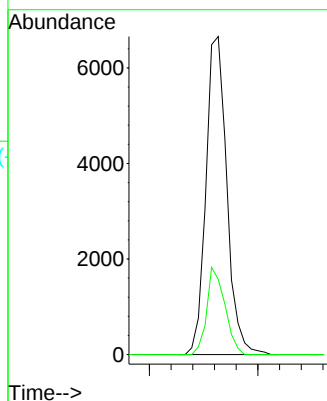
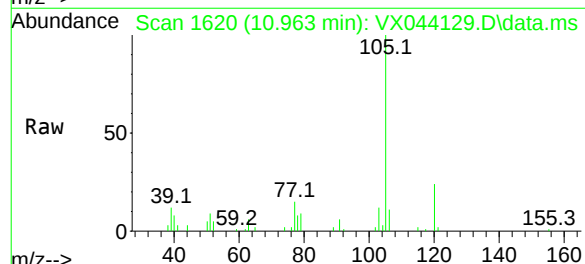
Acq: 04 Dec 2024 19:57

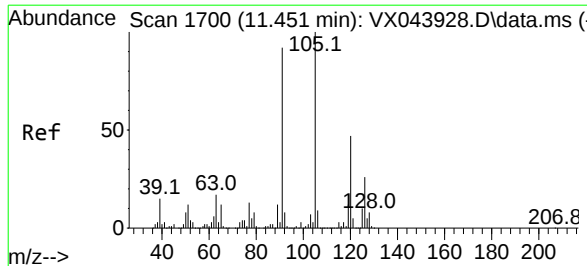
Tgt Ion:105 Resp: 8899

Ion Ratio Lower Upper

105 100

120 23.7 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 1.811 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044129.D

Acq: 04 Dec 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

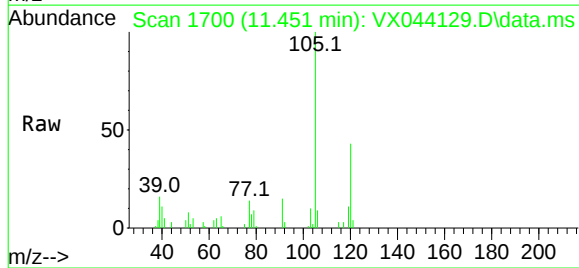
SPLP-C5-2RE

Tgt Ion:105 Resp: 7833

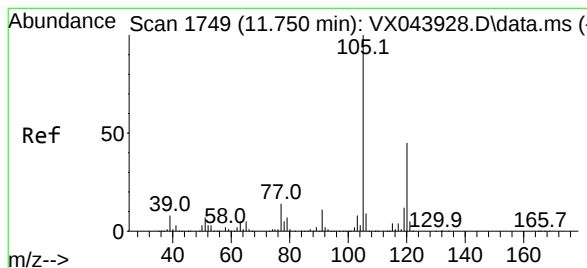
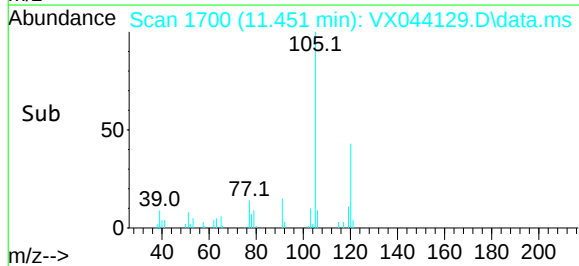
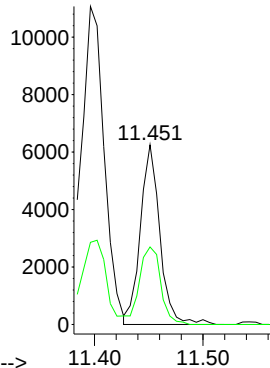
Ion Ratio Lower Upper

105 100

120 45.8 23.3 69.8



Abundance



#84

1,2,4-Trimethylbenzene

Concen: 6.998 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044129.D

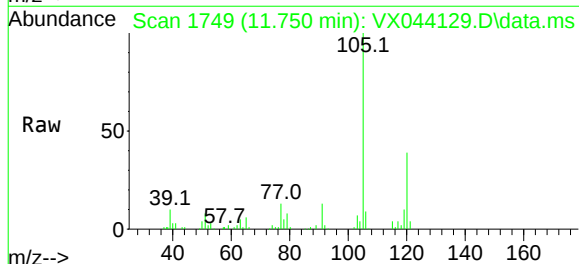
Acq: 04 Dec 2024 19:57

Tgt Ion:105 Resp: 30130

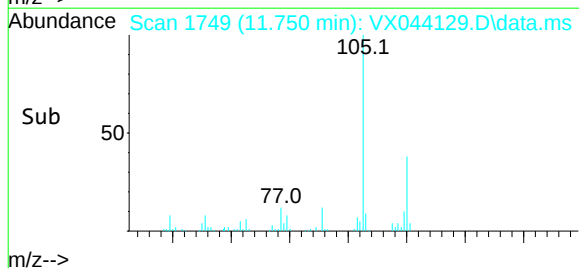
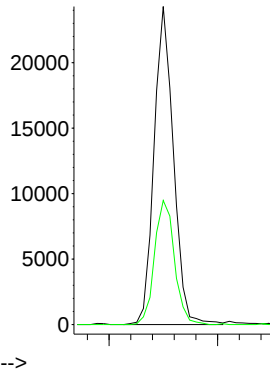
Ion Ratio Lower Upper

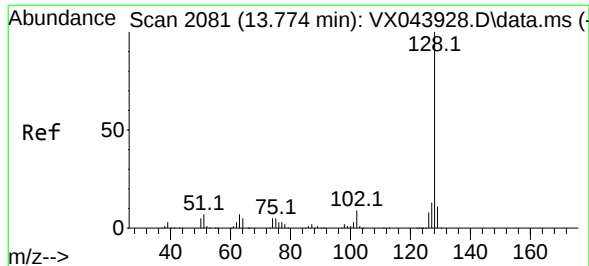
105 100

120 40.1 21.9 65.7



Abundance





#95

Naphthalene

Concen: 359.667 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044129.D

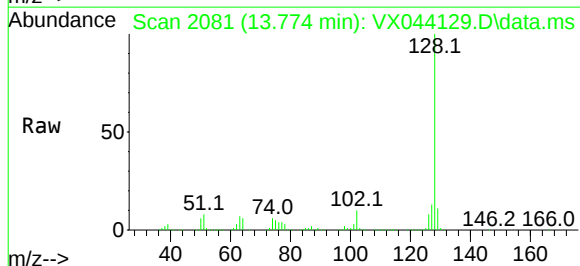
Acq: 04 Dec 2024 19:57

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-2RE



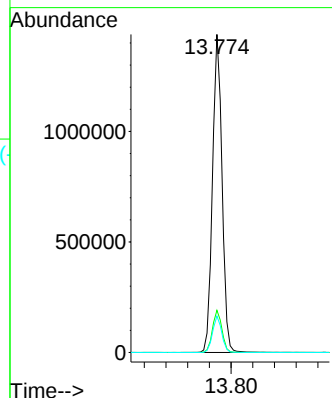
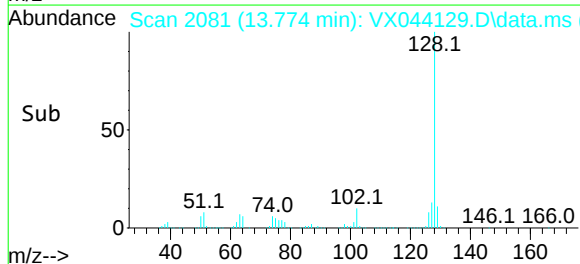
Tgt Ion:128 Resp: 1759335

Ion	Ratio	Lower	Upper
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128	100		
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127	13.1	10.2	15.2
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129	11.0	8.6	12.8
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-3	SDG No.:	P5006
Lab Sample ID:	P5006-05	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044093.D	1		12/03/24 15:19	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	16.6	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.30	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	1.60	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-3	SDG No.:	P5006
Lab Sample ID:	P5006-05	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044093.D	1		12/03/24 15:19	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	43.5		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	12.5		0.31	10.0	ug/L
95-47-6	o-Xylene	7.60		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	5.20		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	37.2		70 (75) - 130 (124)	74%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	106000	5.544			
540-36-3	1,4-Difluorobenzene	209000	6.757			
3114-55-4	Chlorobenzene-d5	186000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	88200	12.024			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C5-3		SDG No.:	P5006	
Lab Sample ID:	P5006-05		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044093.D	1		12/03/24 15:19	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044093.D
 Acq On : 03 Dec 2024 15:19
 Operator : JC/MD
 Sample : P5006-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C5-3

Quant Time: Dec 04 00:09:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

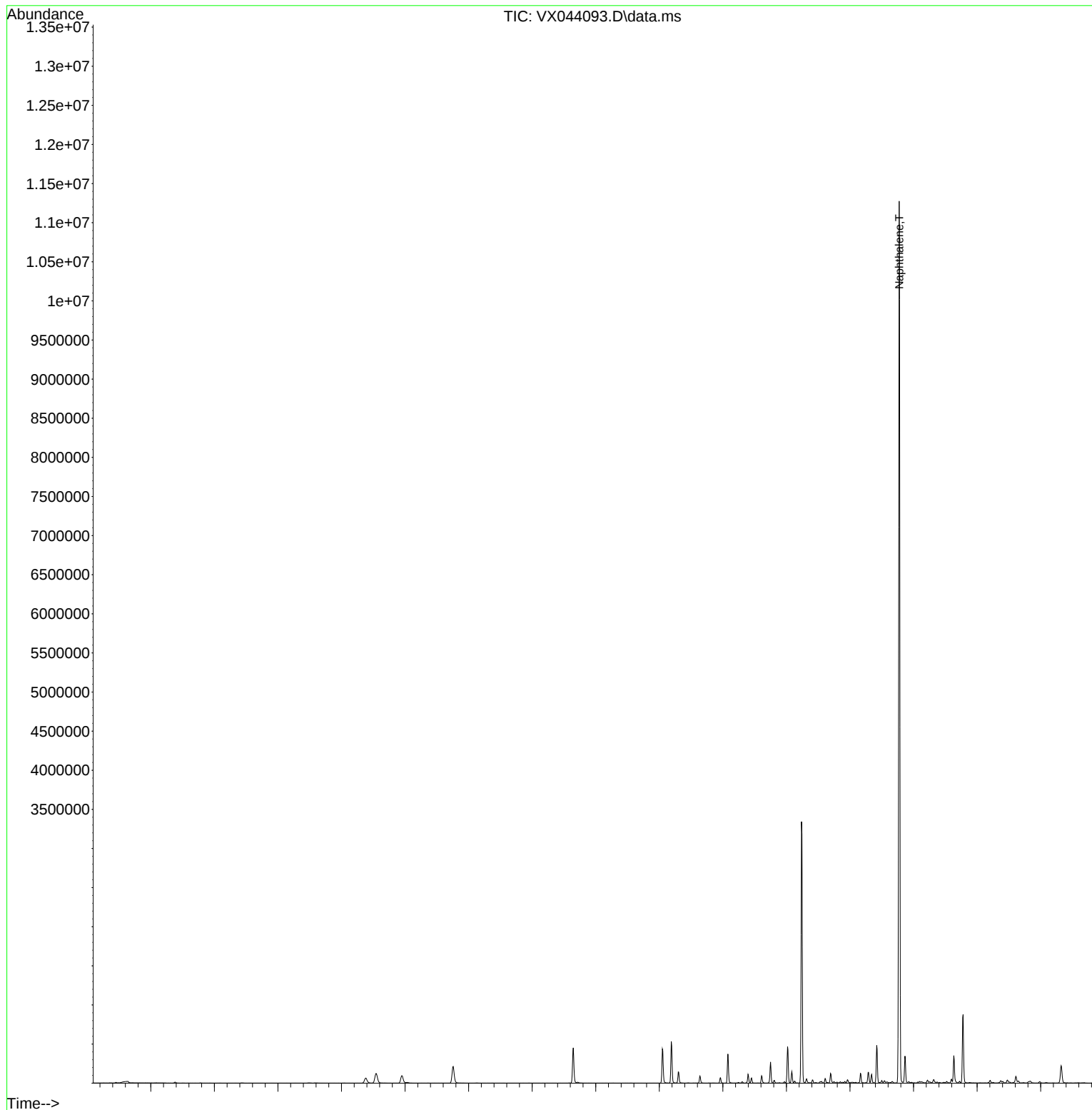
Internal Standards						
1) Pentafluorobenzene	5.544	168	106174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209275	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186004	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88193	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	97257	53.407	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.820%			
35) Dibromofluoromethane	5.385	113	55581	37.169	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 74.340%#			
50) Toluene-d8	8.647	98	257920	50.036	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.080%			
62) 4-Bromofluorobenzene	11.079	95	93696	53.410	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.820%			
Target Compounds						
16) Acetone	2.380	43	13915	16.637	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	2079	1.332	ug/l	87
40) Benzene	6.044	78	9232	1.591	ug/l #	85
67) Ethyl Benzene	10.189	91	301384	43.538	ug/l	98
68) m/p-Xylenes	10.305	106	32160	12.458	ug/l	100
69) o-Xylene	10.640	106	19195	7.616	ug/l	100
73) Isopropylbenzene	10.964	105	35368	5.217	ug/l	99
78) n-propylbenzene	11.305	91	11594	1.531	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	27407	4.914	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	109305	19.685	ug/l	99
95) Naphthalene	13.774	128	6221699	986.267	ug/l	98

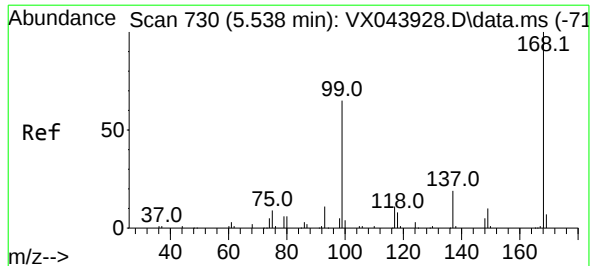
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044093.D
Acq On : 03 Dec 2024 15:19
Operator : JC/MD
Sample : P5006-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-3

Quant Time: Dec 04 00:09:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 73

Delta R.T. 0.006 min

Lab File: VX044093.D

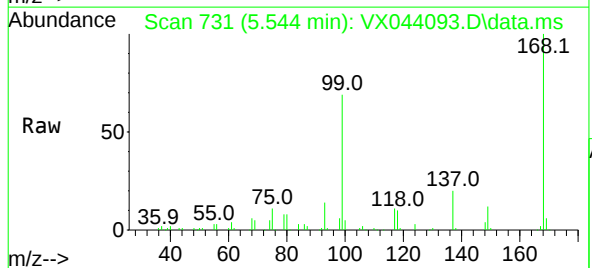
Acq: 03 Dec 2024 15:19

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-3

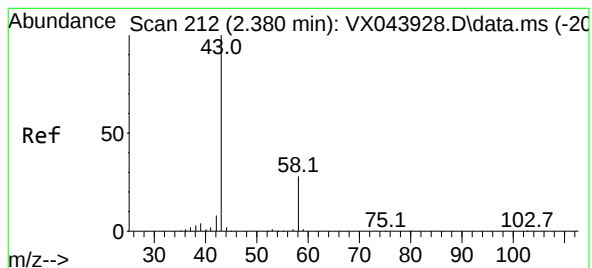
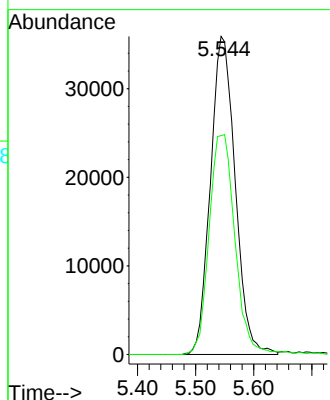


Tgt Ion:168 Resp: 106174

Ion Ratio Lower Upper

168 100

99 68.8 51.8 77.8



#16

Acetone

Concen: 16.637 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044093.D

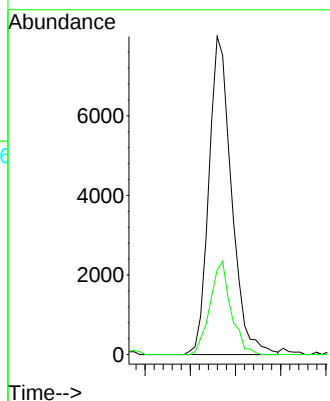
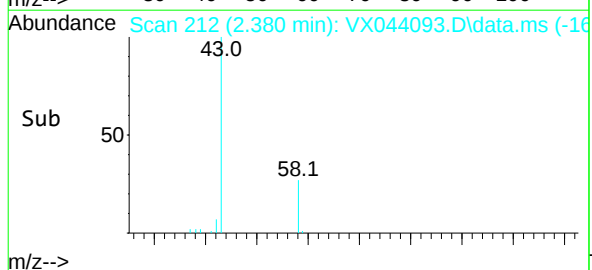
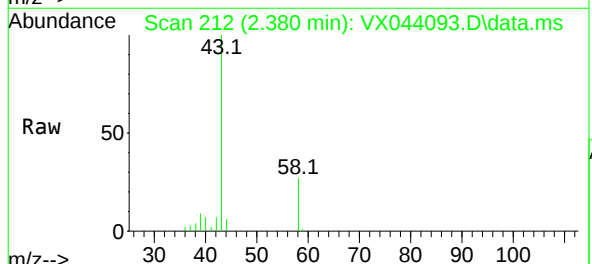
Acq: 03 Dec 2024 15:19

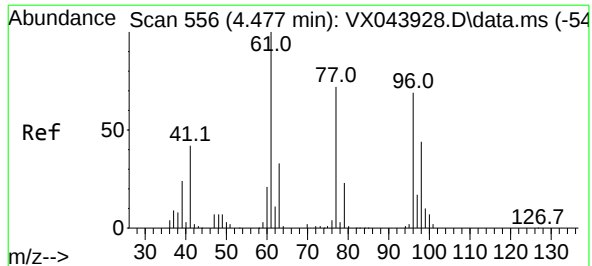
Tgt Ion: 43 Resp: 13915

Ion Ratio Lower Upper

43 100

58 26.7 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.332 ug/l

RT: 4.489 min Scan# 556

Delta R.T. 0.012 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

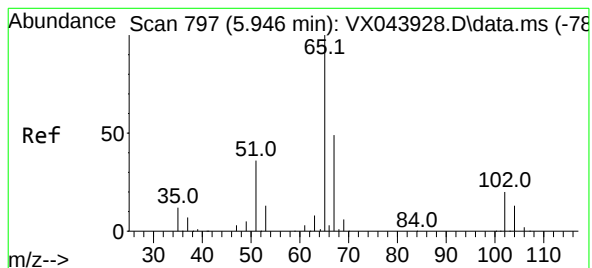
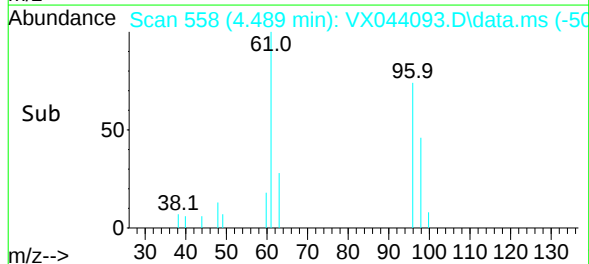
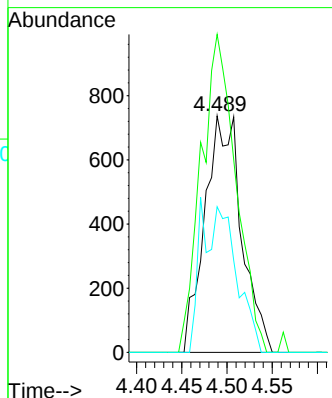
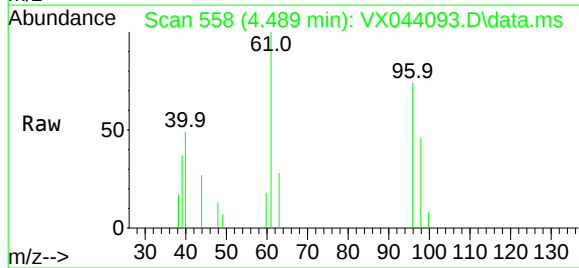
MSVOA_X

ClientSampleId :

SPLP-C5-3

Tgt Ion: 96 Resp: 2079

Ion	Ratio	Lower	Upper
96	100		
61	127.7	0.0	297.4
98	59.8	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 53.407 ug/l

RT: 5.946 min Scan# 797

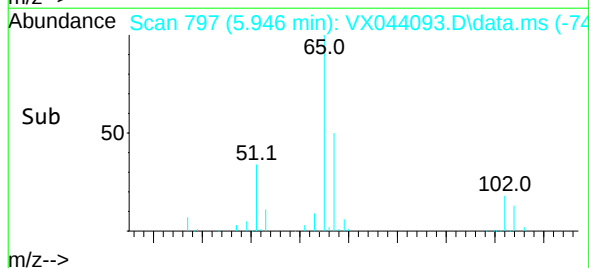
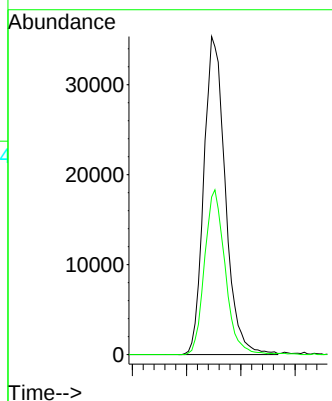
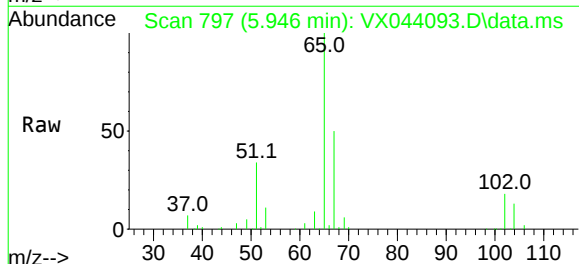
Delta R.T. -0.000 min

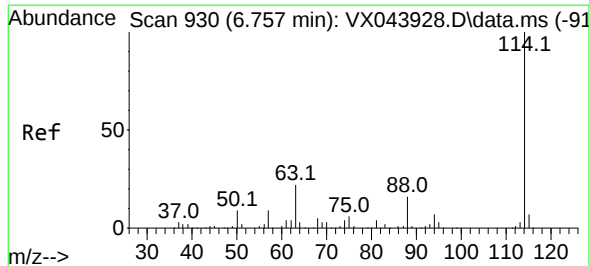
Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Tgt Ion: 65 Resp: 97257

Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044093.D

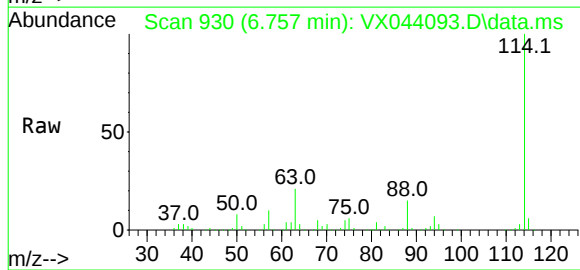
Acq: 03 Dec 2024 15:19

Instrument :

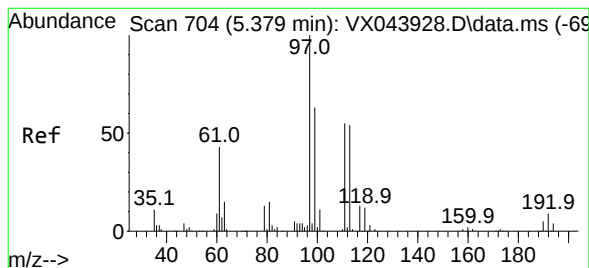
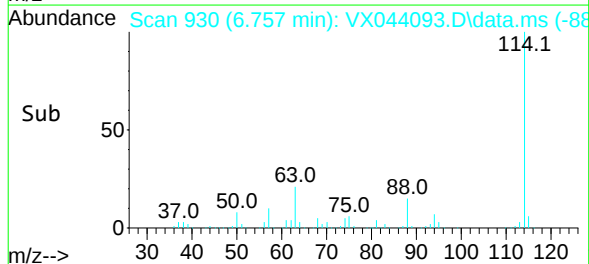
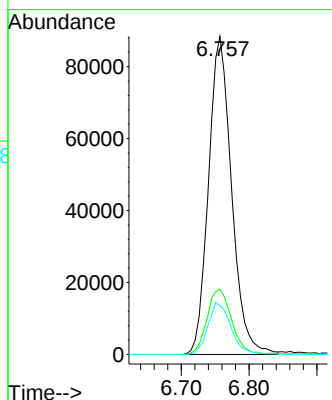
MSVOA_X

ClientSampleId :

SPLP-C5-3



Tgt Ion:	114	Resp:	209275
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	44.0
88	15.4	0.0	32.4



#35

Dibromofluoromethane

Concen: 37.169 ug/l

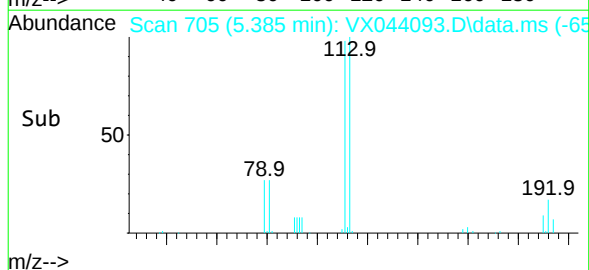
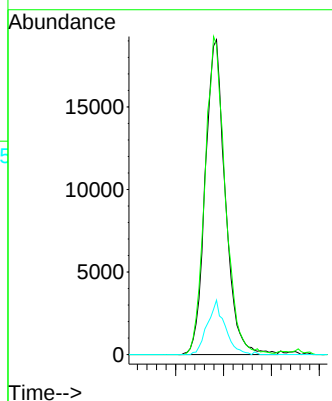
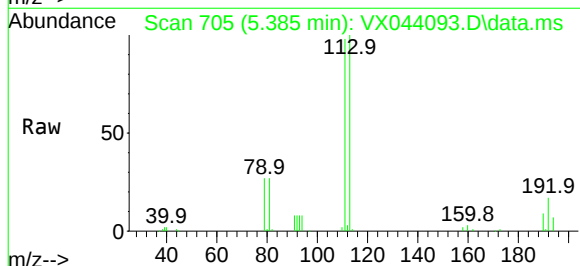
RT: 5.385 min Scan# 705

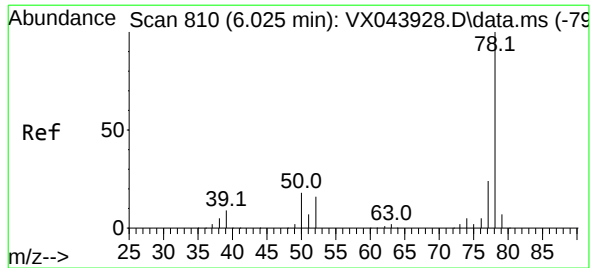
Delta R.T. 0.006 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Tgt Ion:	113	Resp:	55581
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.4
192	15.2	13.0	19.6





#40

Benzene

Concen: 1.591 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA_X

ClientSampleId :

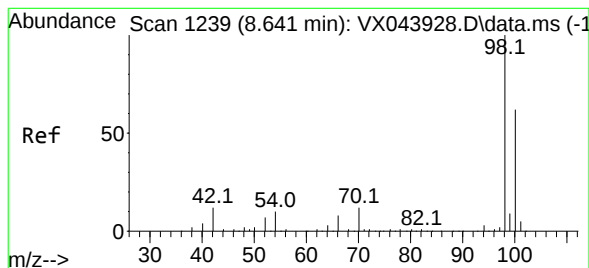
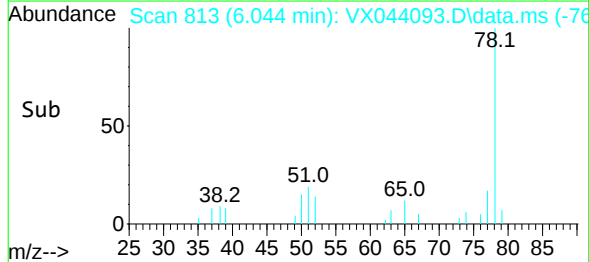
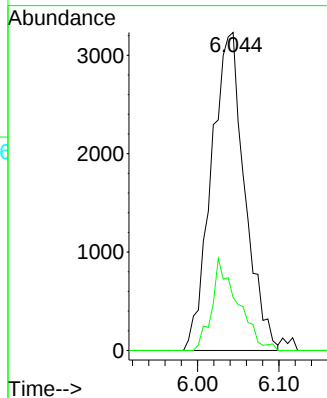
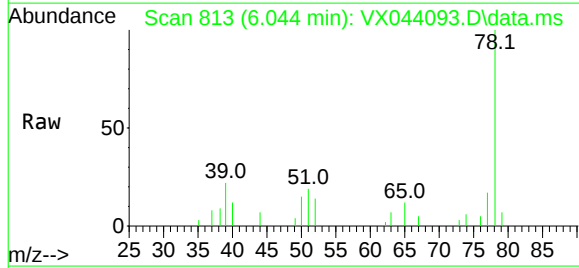
SPLP-C5-3

Tgt Ion: 78 Resp: 9232

Ion Ratio Lower Upper

78 100

77 16.7 19.2 28.8#



#50

Toluene-d8

Concen: 50.036 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044093.D

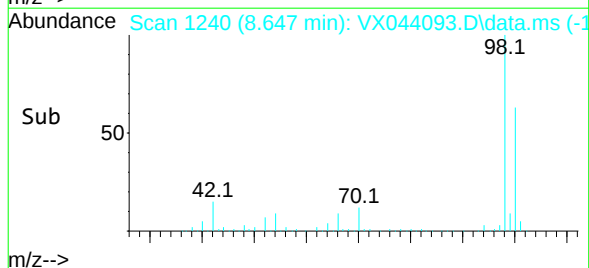
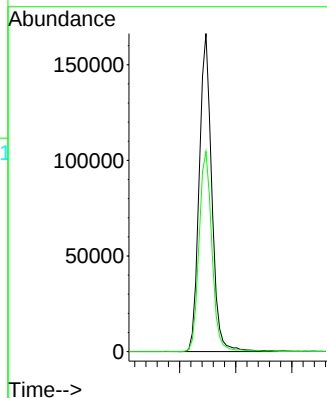
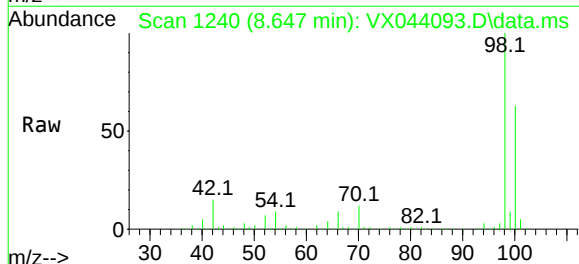
Acq: 03 Dec 2024 15:19

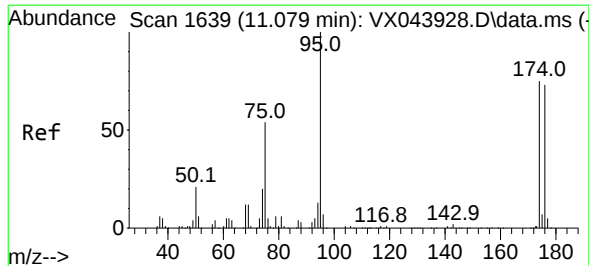
Tgt Ion: 98 Resp: 257920

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 53.410 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044093.D

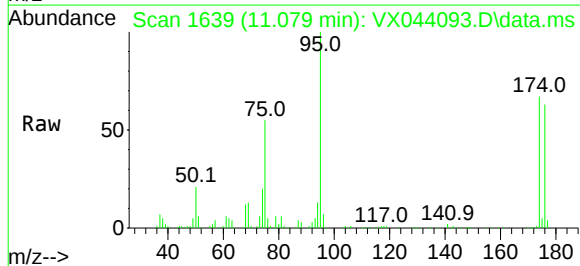
Acq: 03 Dec 2024 15:19

Instrument :

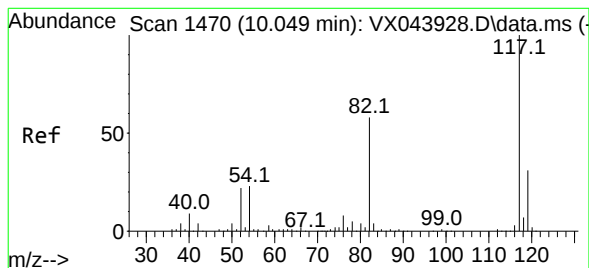
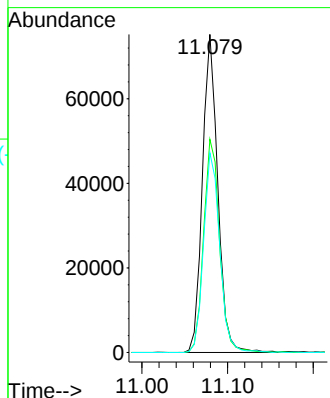
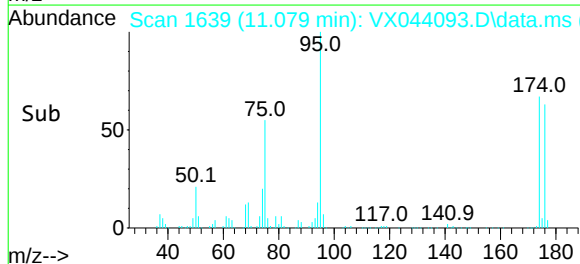
MSVOA_X

ClientSampleId :

SPLP-C5-3



Tgt Ion:	95	Resp:	93696
Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	150.4
176	65.8	0.0	146.0



#63

Chlorobenzene-d5

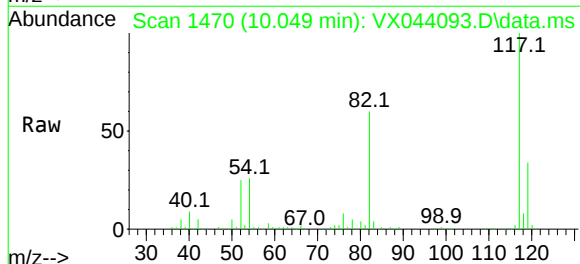
Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

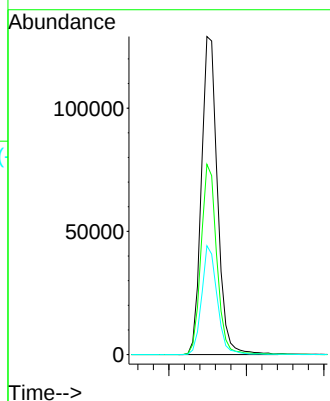
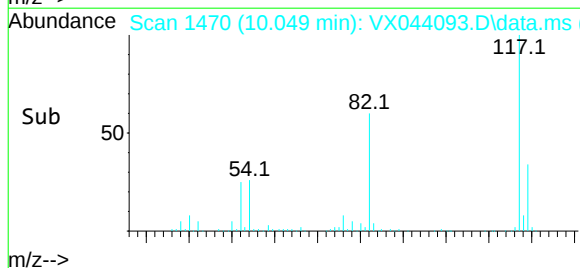
Delta R.T. -0.000 min

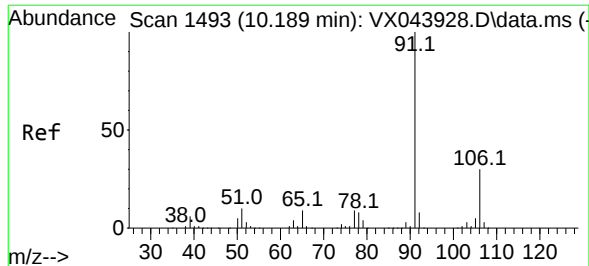
Lab File: VX044093.D

Acq: 03 Dec 2024 15:19



Tgt Ion:	117	Resp:	186004
Ion	Ratio	Lower	Upper
117	100		
82	59.8	46.4	69.6
119	34.2	24.6	37.0





#67

Ethyl Benzene

Concen: 43.538 ug/l

RT: 10.189 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA_X

ClientSampleId :

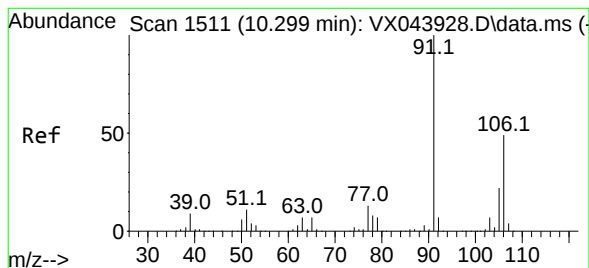
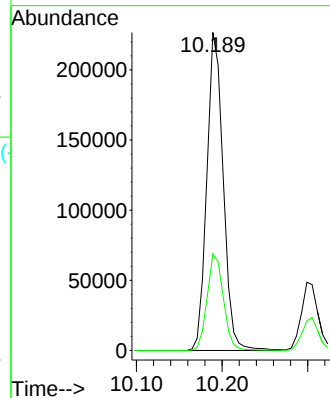
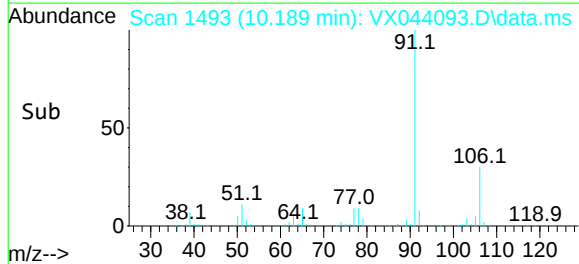
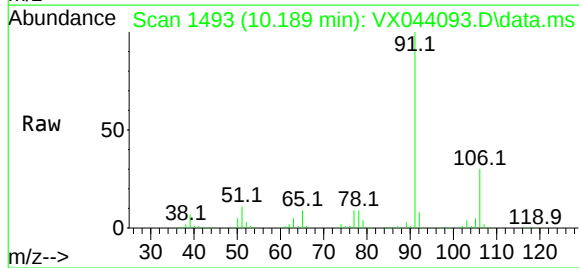
SPLP-C5-3

Tgt Ion: 91 Resp: 301384

Ion Ratio Lower Upper

91 100

106 30.4 23.6 35.4



#68

m/p-Xylenes

Concen: 12.458 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX044093.D

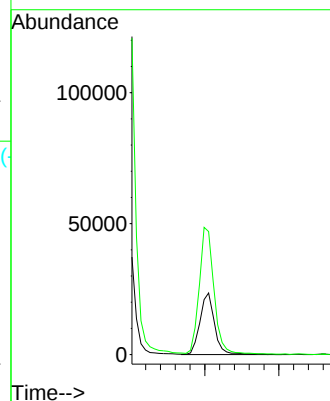
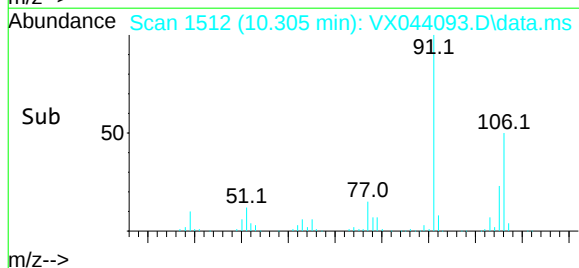
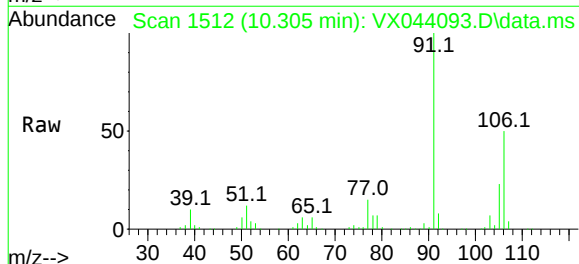
Acq: 03 Dec 2024 15:19

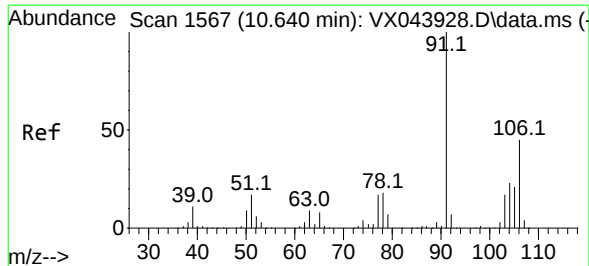
Tgt Ion: 106 Resp: 32160

Ion Ratio Lower Upper

106 100

91 209.7 168.1 252.1





#69

o-Xylene

Concen: 7.616 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA_X

ClientSampleId :

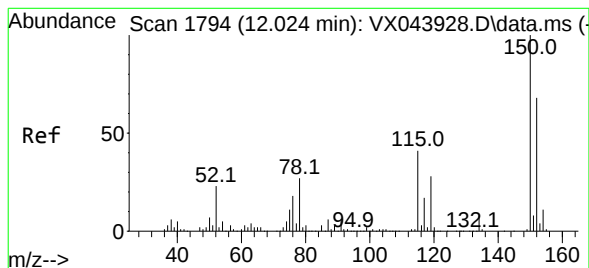
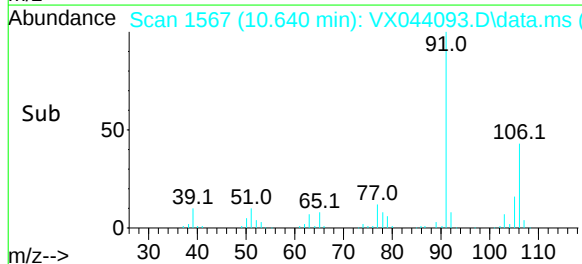
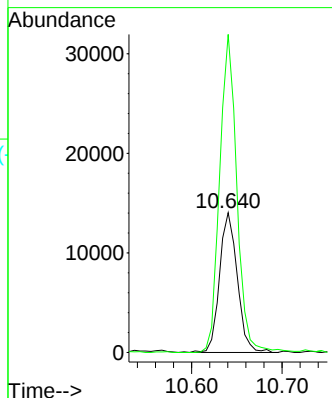
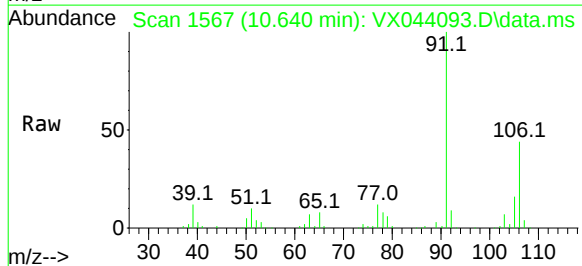
SPLP-C5-3

Tgt Ion:106 Resp: 19195

Ion Ratio Lower Upper

106 100

91 219.9 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

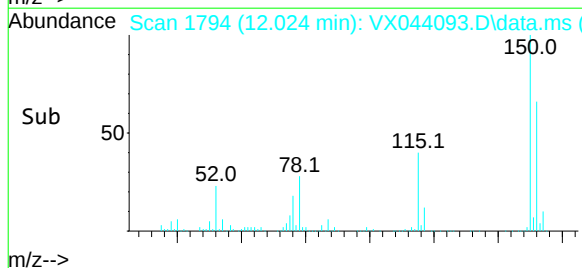
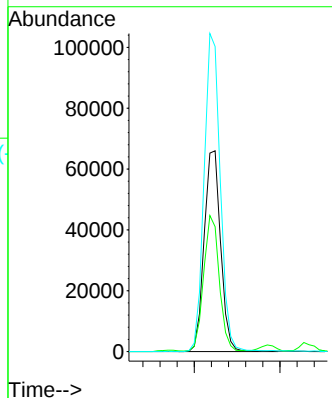
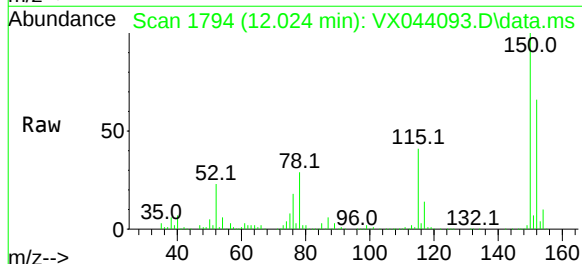
Tgt Ion:152 Resp: 88193

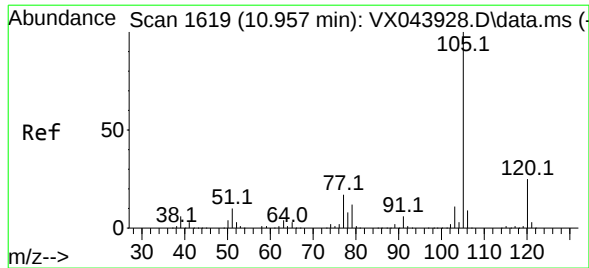
Ion Ratio Lower Upper

152 100

115 63.7 45.4 136.2

150 155.7 0.0 353.0





#73

Isopropylbenzene

Concen: 5.217 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA_X

ClientSampleId :

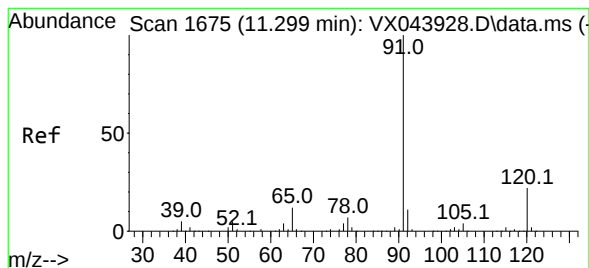
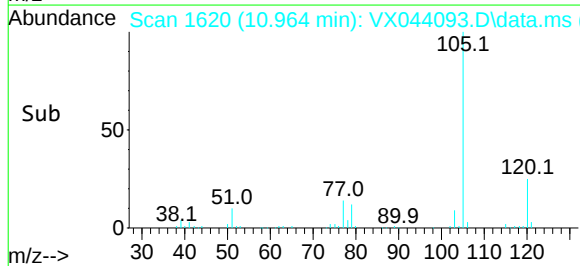
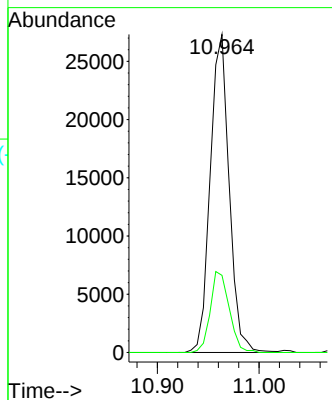
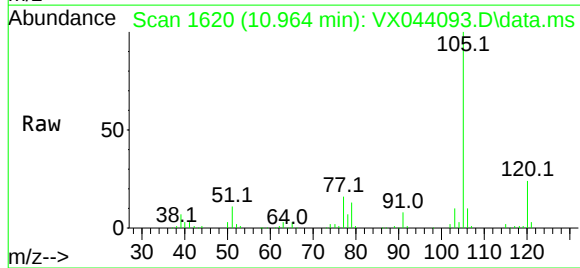
SPLP-C5-3

Tgt Ion:105 Resp: 35368

Ion Ratio Lower Upper

105 100

120 25.4 13.0 38.9



#78

n-propylbenzene

Concen: 1.531 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044093.D

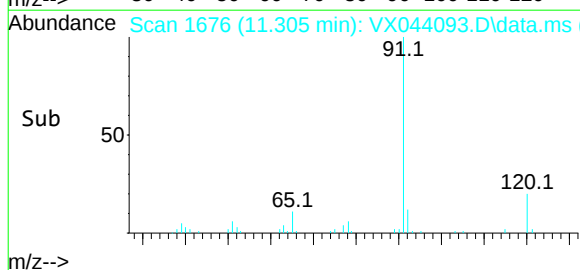
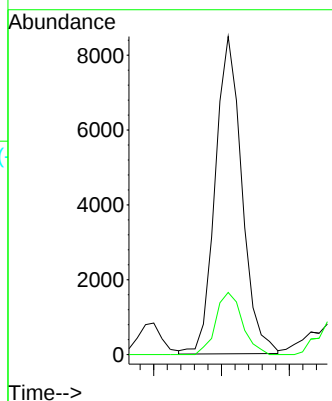
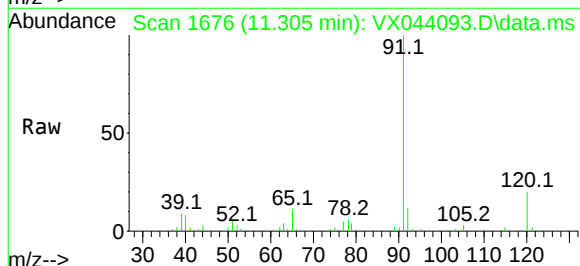
Acq: 03 Dec 2024 15:19

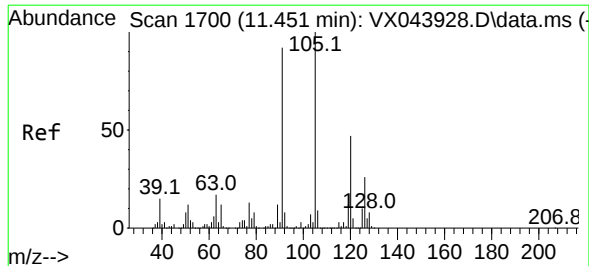
Tgt Ion: 91 Resp: 11594

Ion Ratio Lower Upper

91 100

120 19.4 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 4.914 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044093.D

Acq: 03 Dec 2024 15:19

Instrument :

MSVOA_X

ClientSampleId :

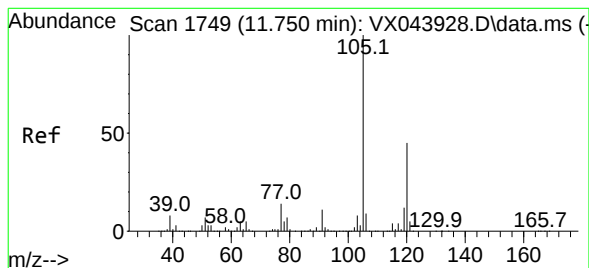
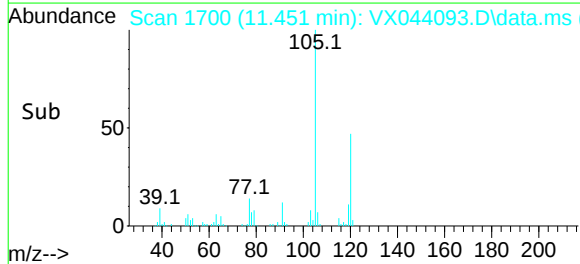
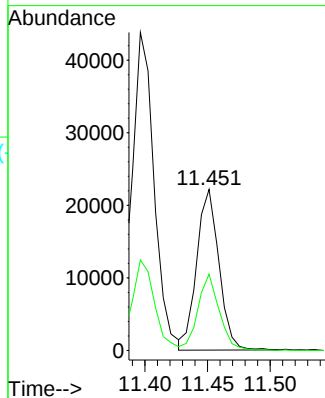
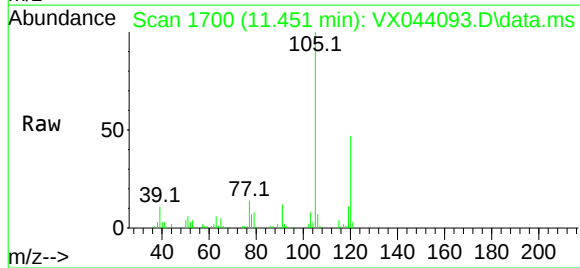
SPLP-C5-3

Tgt Ion:105 Resp: 27407

Ion Ratio Lower Upper

105 100

120 45.9 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 19.685 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044093.D

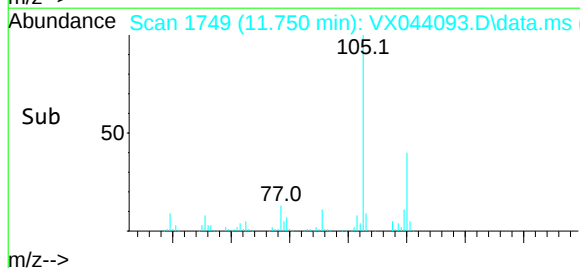
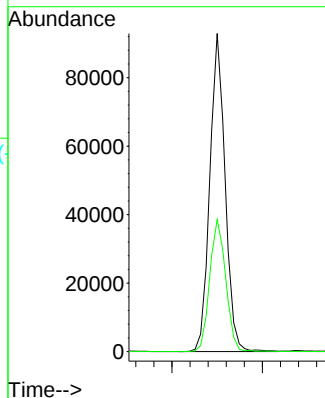
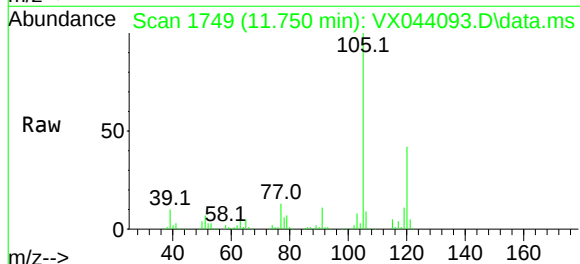
Acq: 03 Dec 2024 15:19

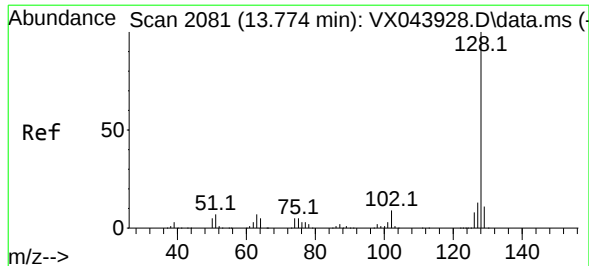
Tgt Ion:105 Resp: 109305

Ion Ratio Lower Upper

105 100

120 43.4 21.9 65.7





#95

Naphthalene

Concen: 986.267 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044093.D

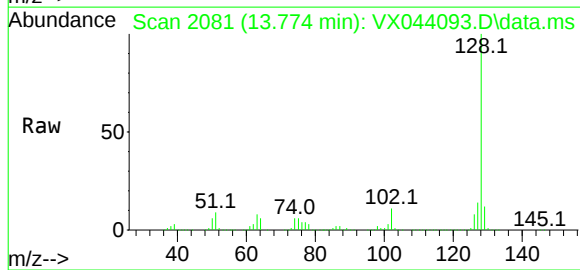
Acq: 03 Dec 2024 15:19

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-3



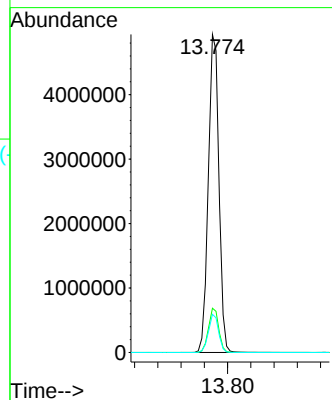
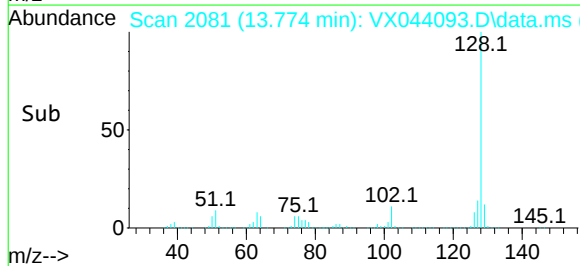
Tgt Ion:128 Resp: 6221699

Ion	Ratio	Lower	Upper
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128	100		
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127	13.5	10.2	15.2
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129	11.5	8.6	12.8
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Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C5-3RE		SDG No.:	P5006	
Lab Sample ID:	P5006-05RE		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044121.D	1		12/04/24 16:52	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	17.6	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.10	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	1.60	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-05RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044121.D	1		12/04/24 16:52	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	43.5		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	12.1		0.31	10.0	ug/L
95-47-6	o-Xylene	7.60		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	5.60		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	35.1		70 (75) - 130 (124)	70%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	106000	5.55			
540-36-3	1,4-Difluorobenzene	207000	6.757			
3114-55-4	Chlorobenzene-d5	181000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	79100	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C5-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-05RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044121.D	1		12/04/24 16:52	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044121.D
 Acq On : 04 Dec 2024 16:52
 Operator : JC/MD
 Sample : P5006-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C5-3RE

Quant Time: Dec 05 00:30:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

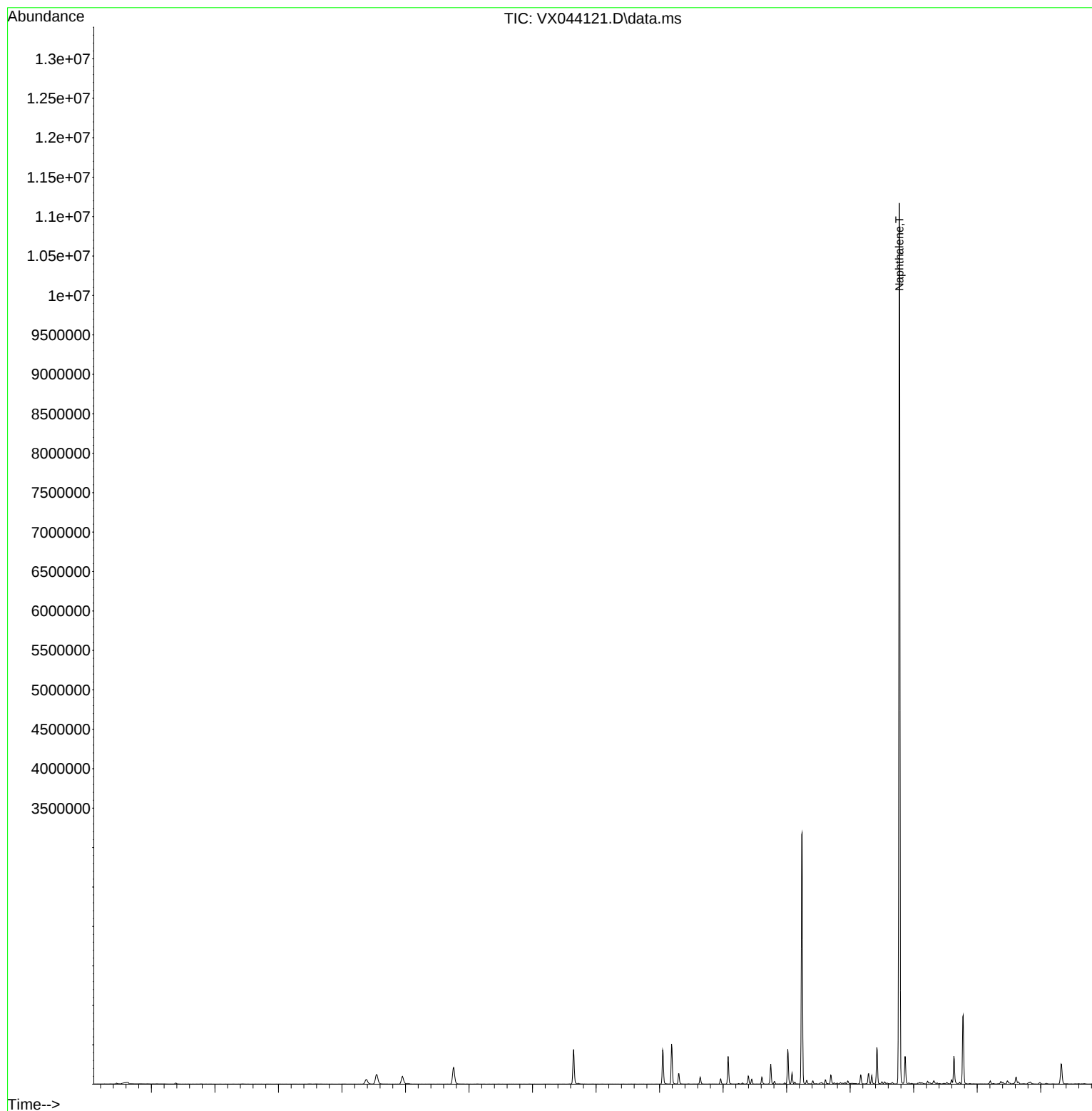
Internal Standards						
1) Pentafluorobenzene	5.550	168	105660	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	206619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	181269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94863	52.345	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.700%		
35) Dibromofluoromethane	5.385	113	51791	35.079	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 70.160%#		
50) Toluene-d8	8.647	98	253556	49.822	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.640%		
62) 4-Bromofluorobenzene	11.079	95	88136	50.886	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.780%		
Target Compounds						Qvalue
16) Acetone	2.386	43	14667	17.621	ug/l	92
27) cis-1,2-Dichloroethene	4.483	96	1743	1.122	ug/l	95
40) Benzene	6.031	78	9135	1.594	ug/l	100
67) Ethyl Benzene	10.189	91	293251	43.470	ug/l	97
68) m/p-Xylenes	10.305	106	30513	12.129	ug/l	99
69) o-Xylene	10.640	106	18622	7.581	ug/l	97
73) Isopropylbenzene	10.963	105	34271	5.633	ug/l	97
78) n-propylbenzene	11.305	91	9457	1.392	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	26118	5.218	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	104947	21.060	ug/l	98
95) Naphthalene	13.774	128	6222910	1099.191	ug/l	98

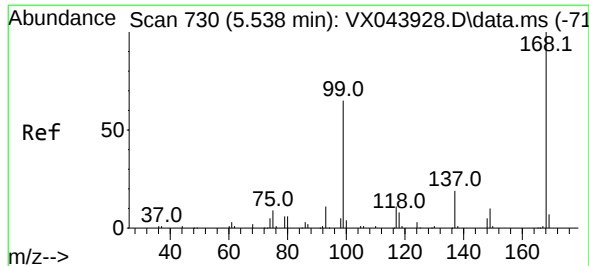
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044121.D
Acq On : 04 Dec 2024 16:52
Operator : JC/MD
Sample : P5006-05RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-3RE

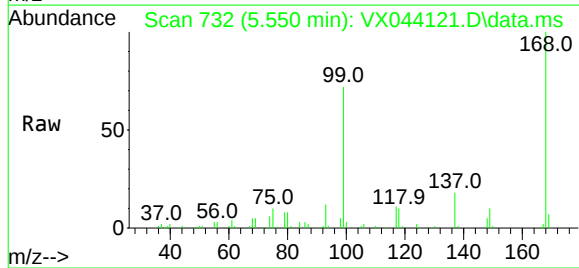
Quant Time: Dec 05 00:30:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



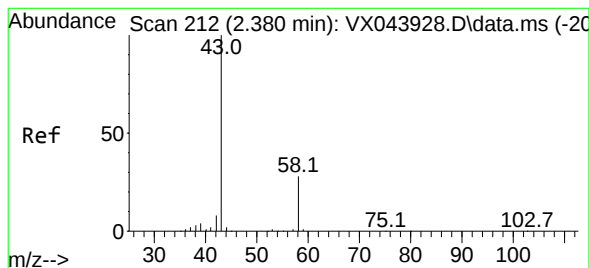
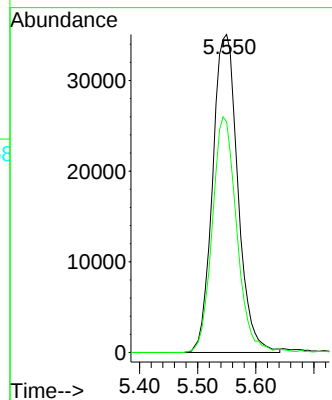
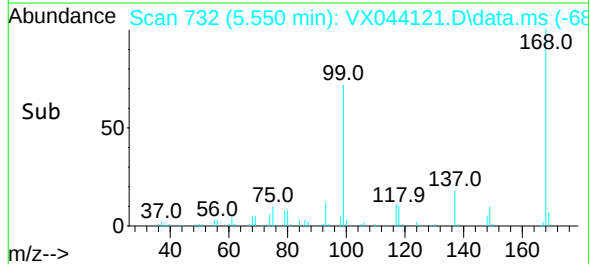


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044121.D
Acq: 04 Dec 2024 16:52

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C5-3RE

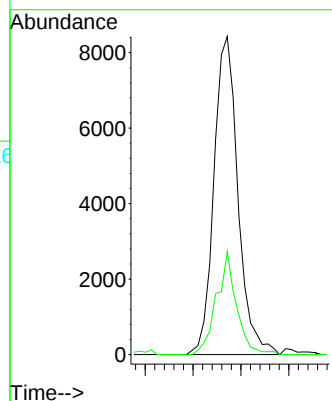
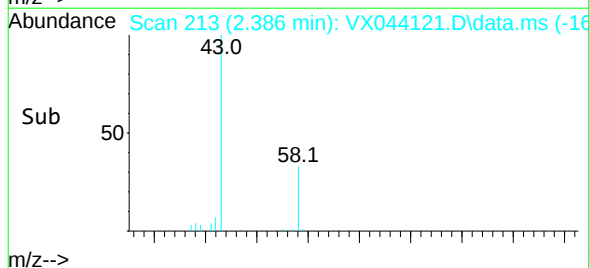
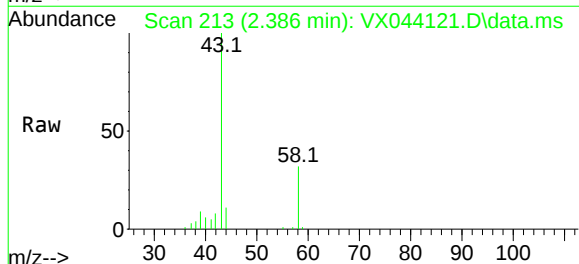


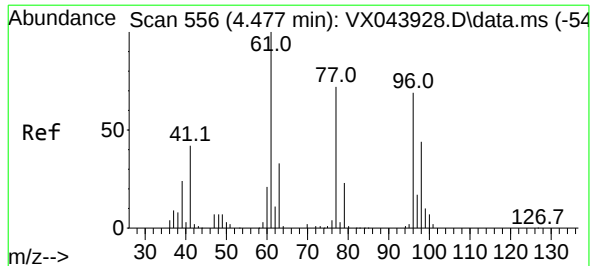
Tgt Ion: 168 Resp: 105660
Ion Ratio Lower Upper
168 100
99 72.5 51.8 77.8



#16
Acetone
Concen: 17.621 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044121.D
Acq: 04 Dec 2024 16:52

Tgt Ion: 43 Resp: 14667
Ion Ratio Lower Upper
43 100
58 32.4 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.122 ug/l

RT: 4.483 min Scan# 55

Delta R.T. 0.006 min

Lab File: VX044121.D

Acq: 04 Dec 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-3RE

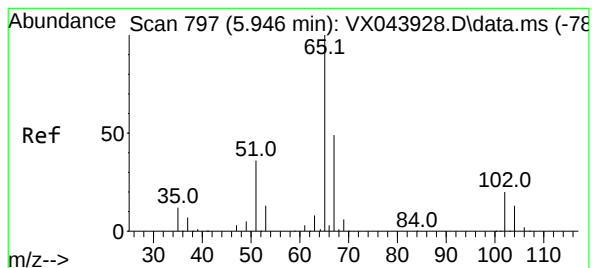
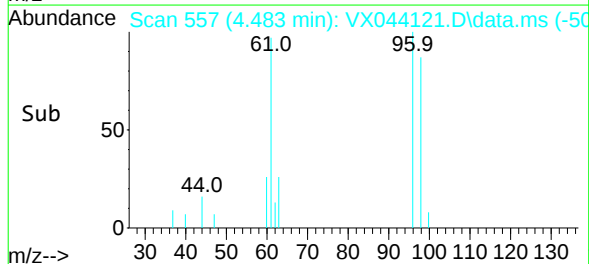
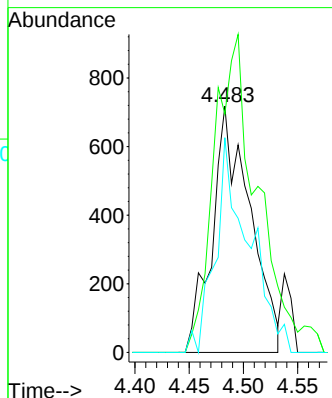
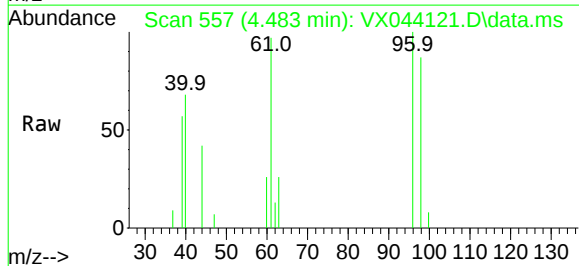
Tgt Ion: 96 Resp: 1743

Ion Ratio Lower Upper

96 100

61 148.5 0.0 297.4

98 76.5 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 52.345 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044121.D

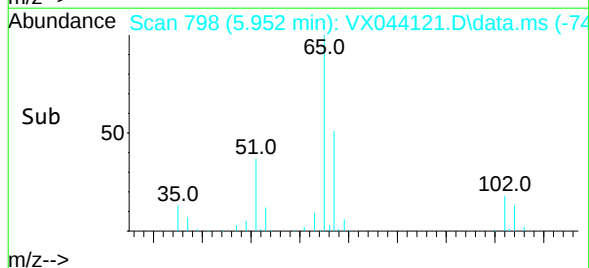
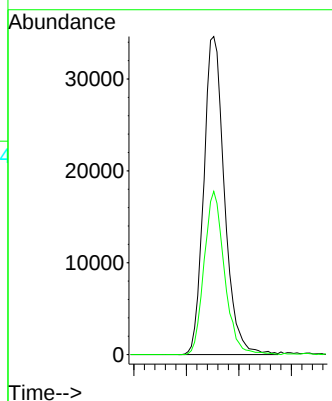
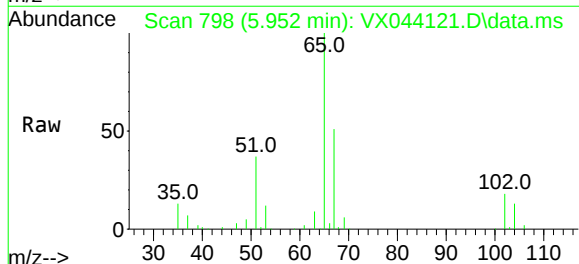
Acq: 04 Dec 2024 16:52

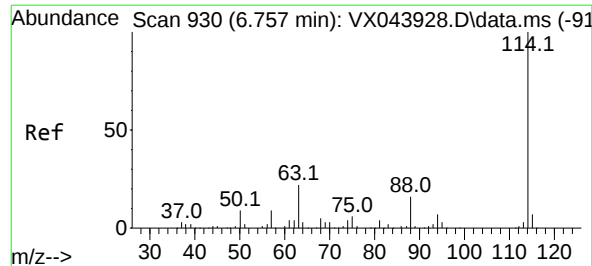
Tgt Ion: 65 Resp: 94863

Ion Ratio Lower Upper

65 100

67 50.4 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044121.D

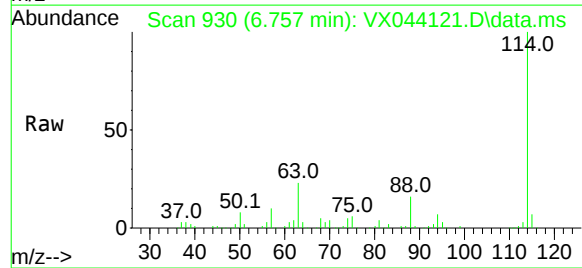
Acq: 04 Dec 2024 16:52

Instrument :

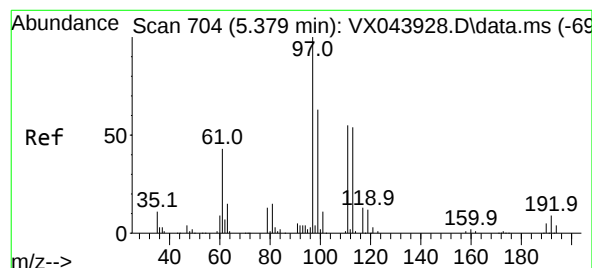
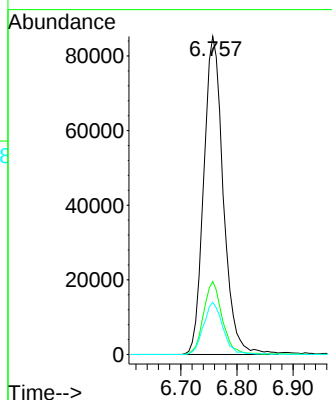
MSVOA_X

ClientSampleId :

SPLP-C5-3RE



Tgt Ion:	114	Resp:	206619
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	44.0
88	16.4	0.0	32.4



#35

Dibromofluoromethane

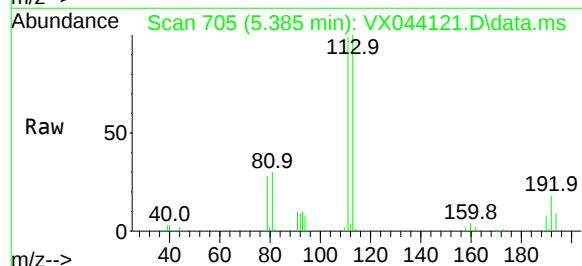
Concen: 35.079 ug/l

RT: 5.385 min Scan# 705

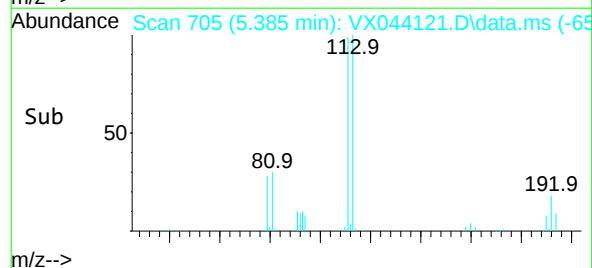
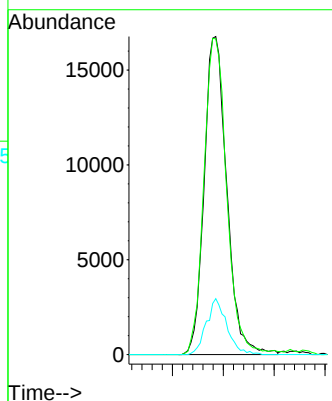
Delta R.T. 0.006 min

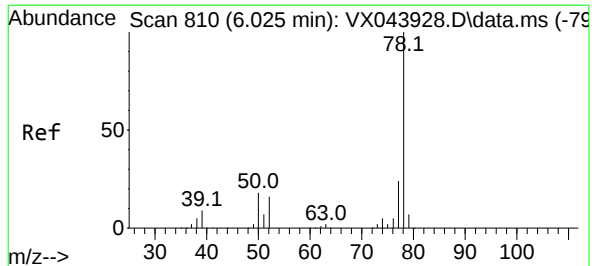
Lab File: VX044121.D

Acq: 04 Dec 2024 16:52



Tgt Ion:	113	Resp:	51791
Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.0	121.4
192	16.0	13.0	19.6





#40

Benzene

Concen: 1.594 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044121.D

Acq: 04 Dec 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

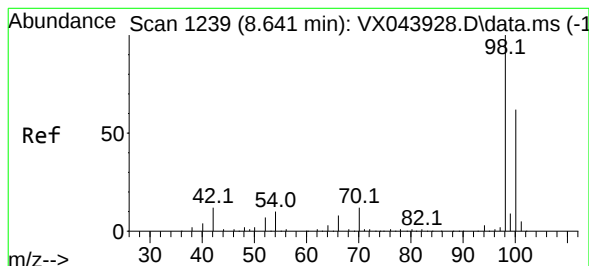
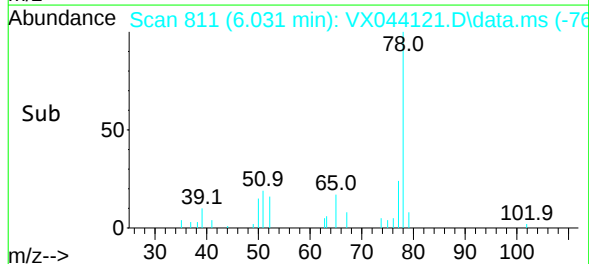
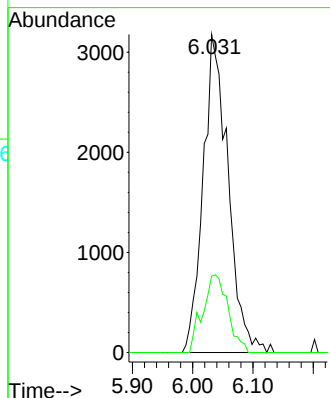
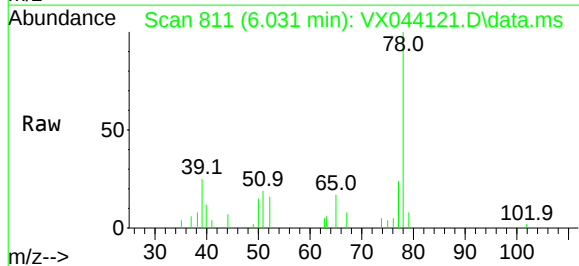
SPLP-C5-3RE

Tgt Ion: 78 Resp: 9135

Ion Ratio Lower Upper

78 100

77 24.0 19.2 28.8



#50

Toluene-d8

Concen: 49.822 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044121.D

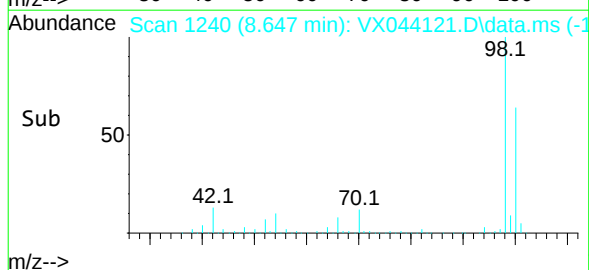
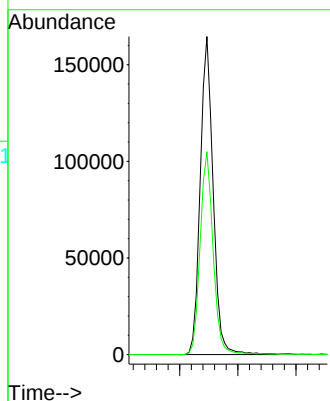
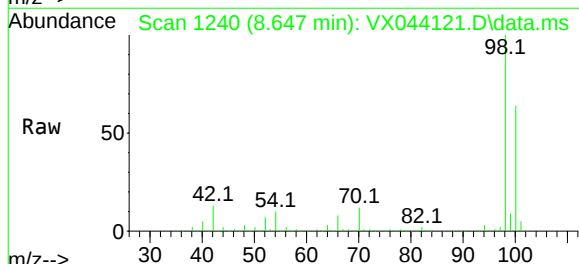
Acq: 04 Dec 2024 16:52

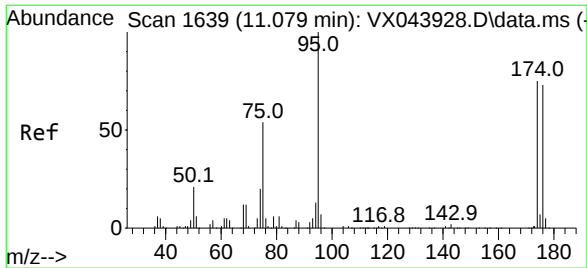
Tgt Ion: 98 Resp: 253556

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 50.886 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044121.D

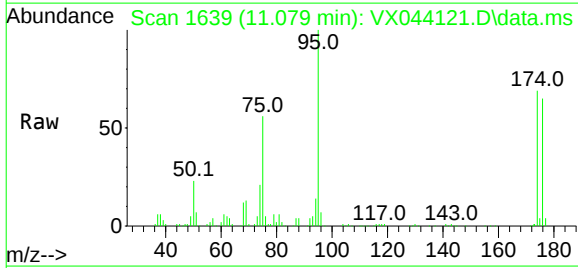
Acq: 04 Dec 2024 16:52

Instrument :

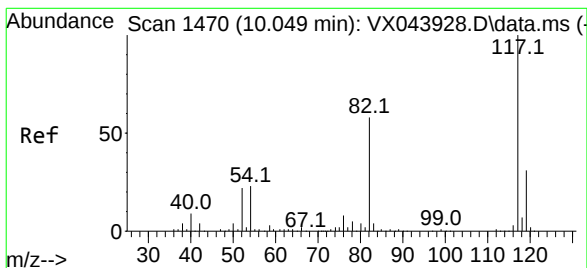
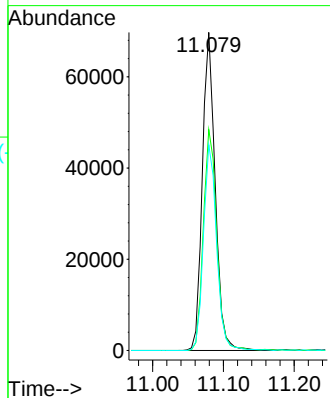
MSVOA_X

ClientSampleId :

SPLP-C5-3RE



Tgt Ion:	95	Resp:	88136
Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	150.4
176	66.3	0.0	146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

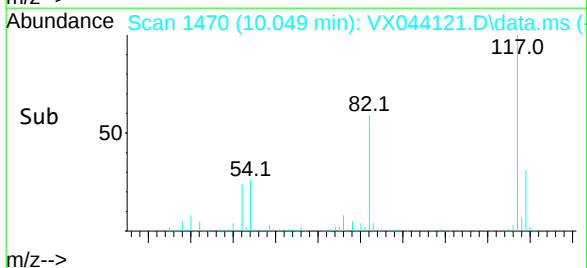
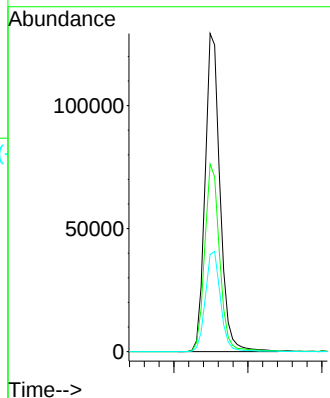
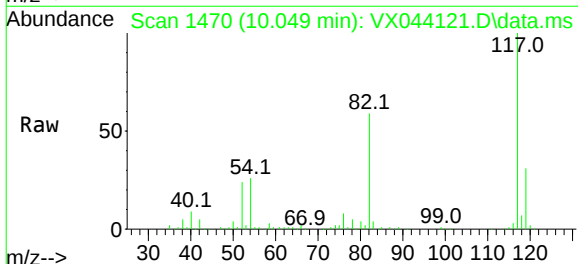
RT: 10.049 min Scan# 1470

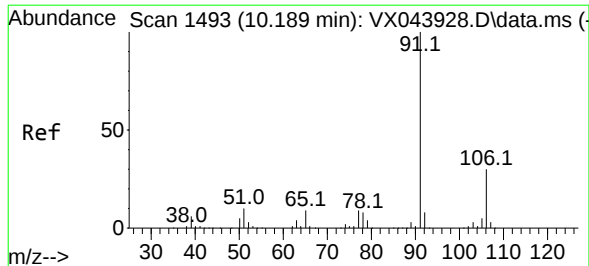
Delta R.T. -0.000 min

Lab File: VX044121.D

Acq: 04 Dec 2024 16:52

Tgt Ion:	117	Resp:	181269
Ion	Ratio	Lower	Upper
117	100		
82	59.0	46.4	69.6
119	30.6	24.6	37.0





#67

Ethyl Benzene

Concen: 43.470 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044121.D

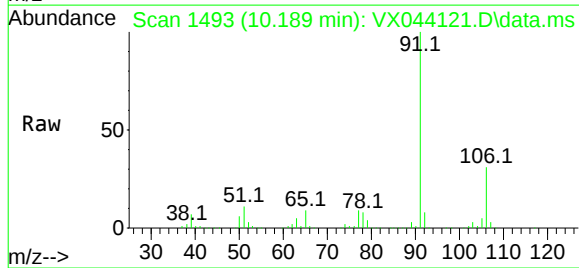
Acq: 04 Dec 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-3RE

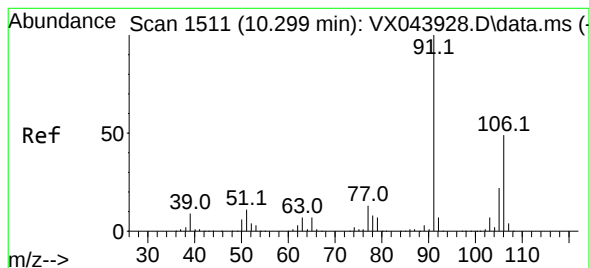
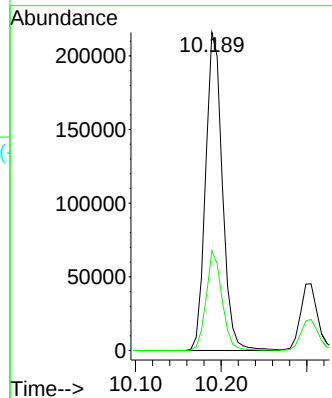
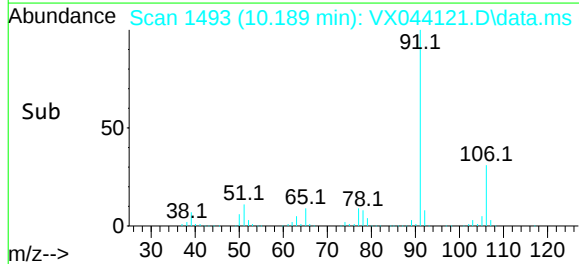


Tgt Ion: 91 Resp: 293251

Ion Ratio Lower Upper

91 100

106 31.4 23.6 35.4



#68

m/p-Xylenes

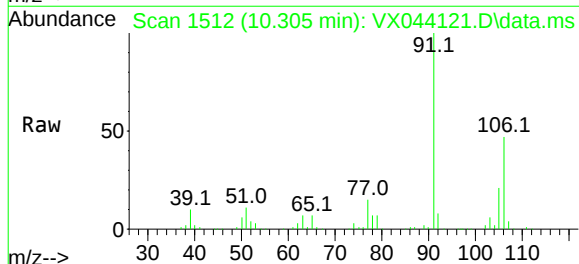
Concen: 12.129 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX044121.D

Acq: 04 Dec 2024 16:52

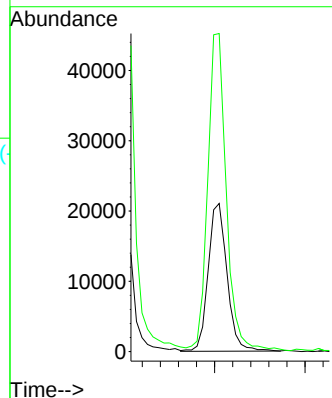
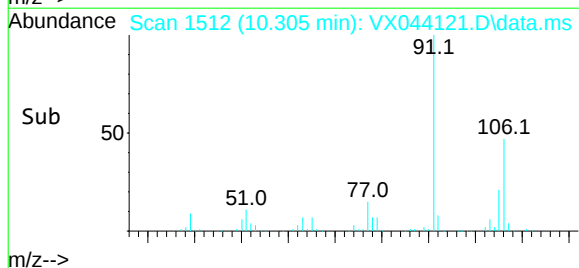


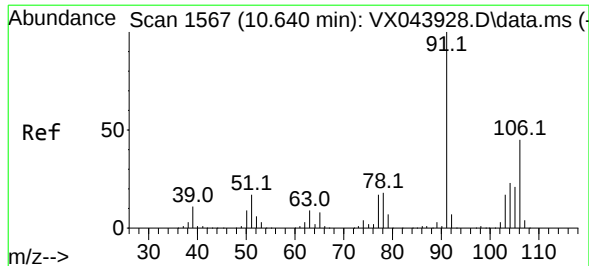
Tgt Ion: 106 Resp: 30513

Ion Ratio Lower Upper

106 100

91 211.1 168.1 252.1





#69

o-Xylene

Concen: 7.581 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044121.D

Acq: 04 Dec 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

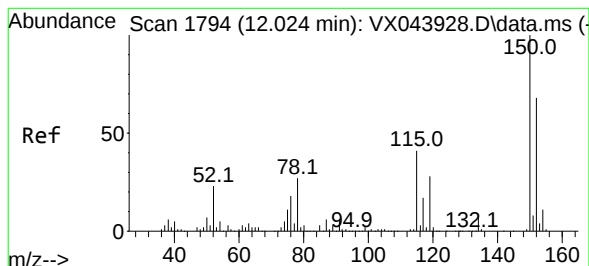
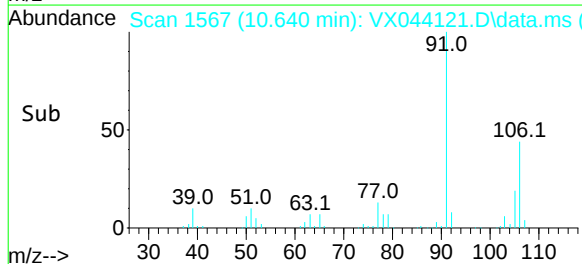
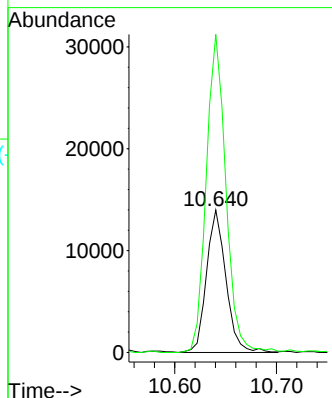
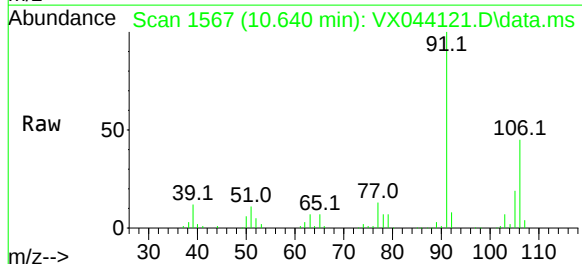
SPLP-C5-3RE

Tgt Ion:106 Resp: 18622

Ion Ratio Lower Upper

106 100

91 225.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044121.D

Acq: 04 Dec 2024 16:52

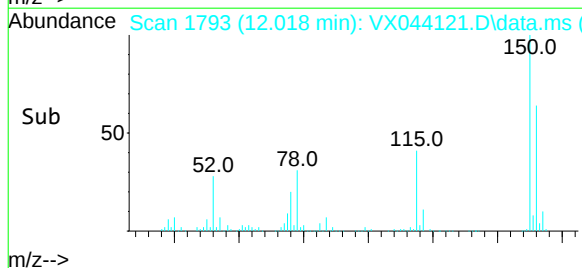
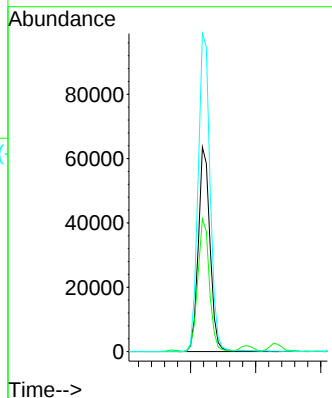
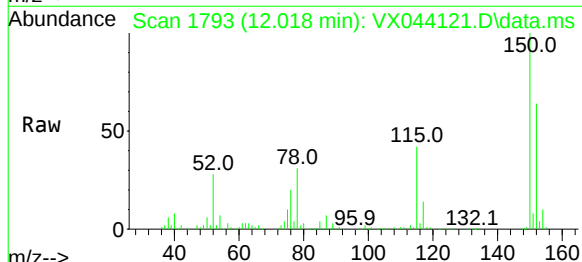
Tgt Ion:152 Resp: 79148

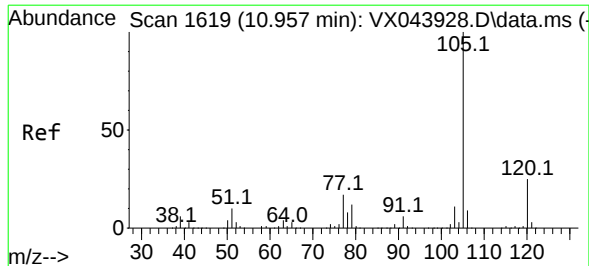
Ion Ratio Lower Upper

152 100

115 64.3 45.4 136.2

150 159.8 0.0 353.0





#73

Isopropylbenzene

Concen: 5.633 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044121.D

Acq: 04 Dec 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

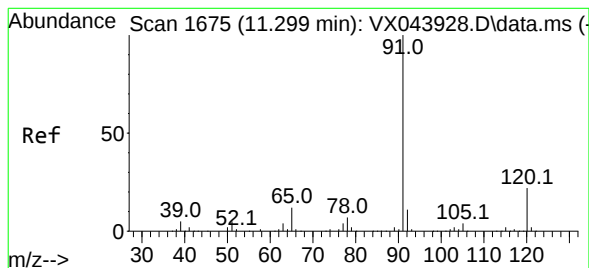
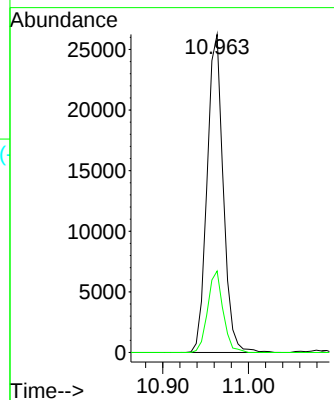
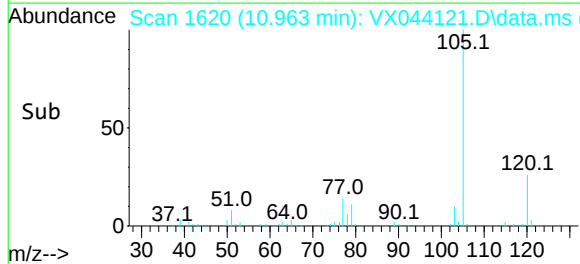
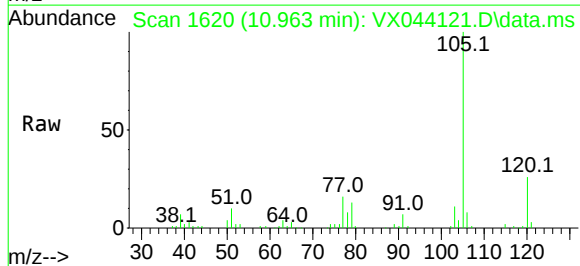
SPLP-C5-3RE

Tgt Ion:105 Resp: 34271

Ion Ratio Lower Upper

105 100

120 24.4 13.0 38.9



#78

n-propylbenzene

Concen: 1.392 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044121.D

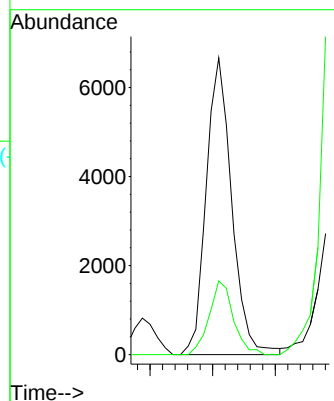
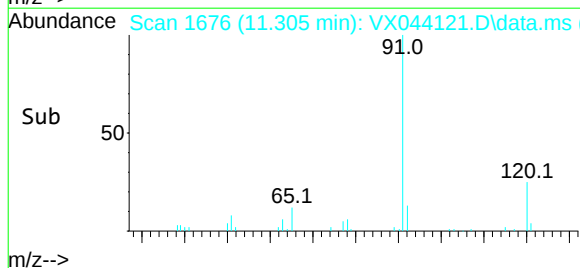
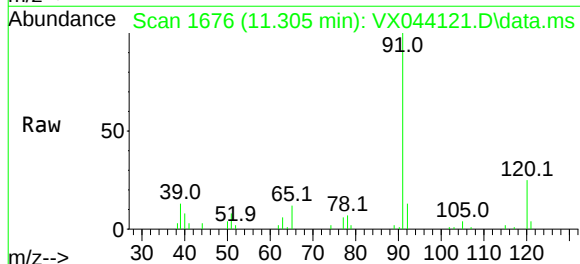
Acq: 04 Dec 2024 16:52

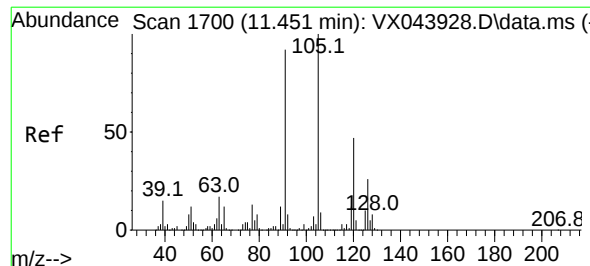
Tgt Ion: 91 Resp: 9457

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 5.218 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044121.D

Acq: 04 Dec 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

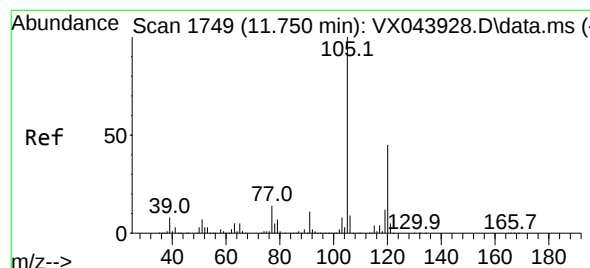
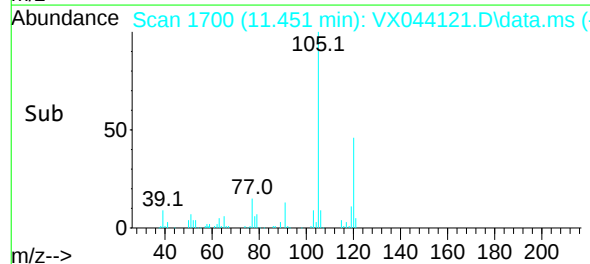
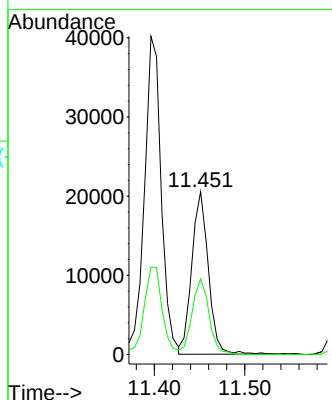
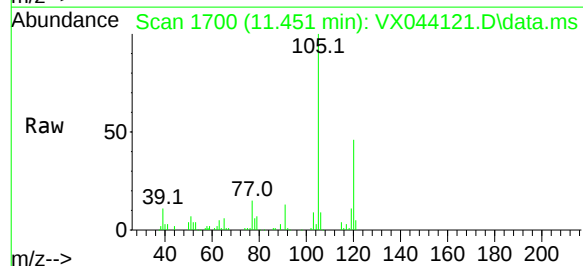
SPLP-C5-3RE

Tgt Ion:105 Resp: 26118

Ion Ratio Lower Upper

105 100

120 47.6 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 21.060 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044121.D

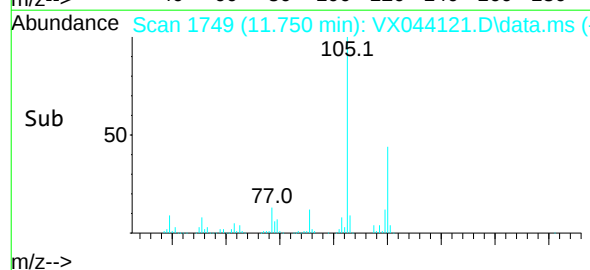
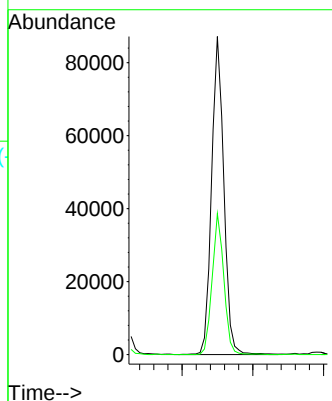
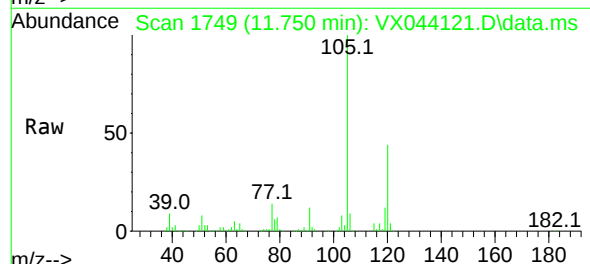
Acq: 04 Dec 2024 16:52

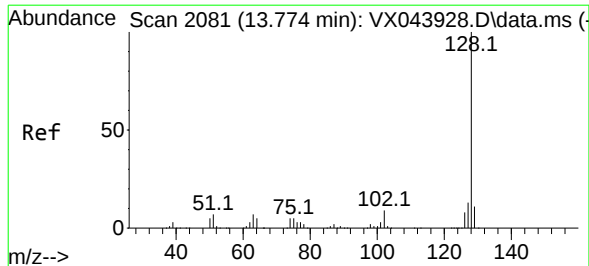
Tgt Ion:105 Resp: 104947

Ion Ratio Lower Upper

105 100

120 42.4 21.9 65.7





#95

Naphthalene

Concen: 1099.191 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044121.D

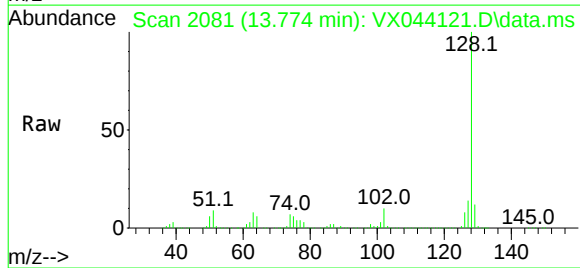
Acq: 04 Dec 2024 16:52

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C5-3RE



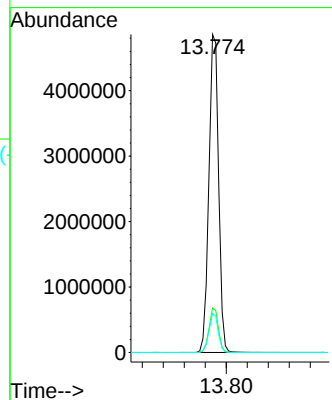
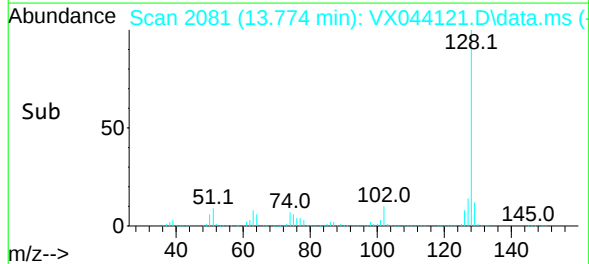
Tgt Ion:128 Resp: 6222910

Ion	Ratio	Lower	Upper
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128	100		
-----	-----	--	--

127	13.6	10.2	15.2
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129	11.7	8.6	12.8
-----	------	-----	------



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-1	SDG No.:	P5006
Lab Sample ID:	P5006-06	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044094.D	1		12/03/24 15:41	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	22.7	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	3.80	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-1	SDG No.:	P5006
Lab Sample ID:	P5006-06	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044094.D	1		12/03/24 15:41	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	2.10	J	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	0.14	U	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	36.5		70 (75) - 130 (124)	73%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114000	5.544			
540-36-3	1,4-Difluorobenzene	221000	6.757			
3114-55-4	Chlorobenzene-d5	192000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	79600	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-1	SDG No.:	P5006
Lab Sample ID:	P5006-06	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044094.D	1		12/03/24 15:41	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044094.D
 Acq On : 03 Dec 2024 15:41
 Operator : JC/MD
 Sample : P5006-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C6-1

Quant Time: Dec 04 00:09:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

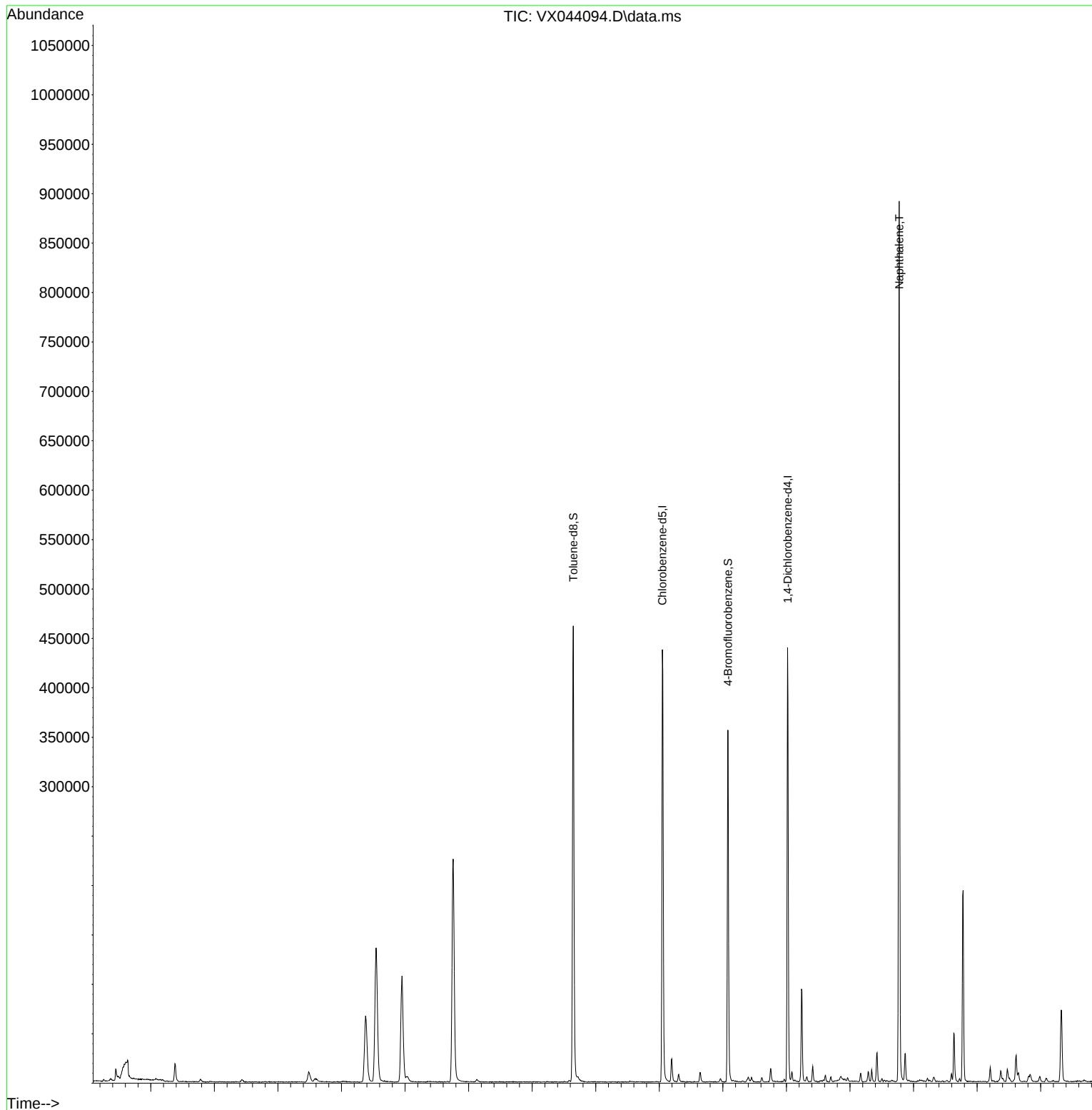
Internal Standards						
1) Pentafluorobenzene	5.544	168	114452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	221169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	192410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102769	52.352	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.700%			
35) Dibromofluoromethane	5.379	113	57730	36.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 73.060%#			
50) Toluene-d8	8.647	98	276040	50.671	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	11.079	95	92868	50.091	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.180%			
Target Compounds						
16) Acetone	2.379	43	20439	22.669	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	6402	3.804	ug/l	91
67) Ethyl Benzene	10.195	91	15002	2.095	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	7027	1.402	ug/l	92
95) Naphthalene	13.774	128	496465	87.161	ug/l	99

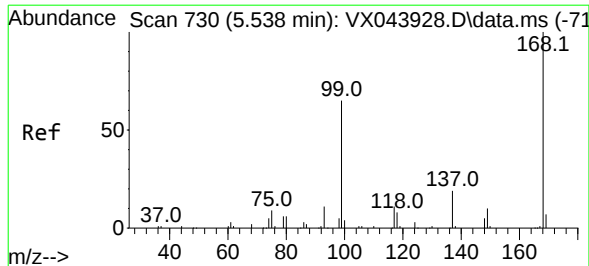
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044094.D
Acq On : 03 Dec 2024 15:41
Operator : JC/MD
Sample : P5006-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C6-1

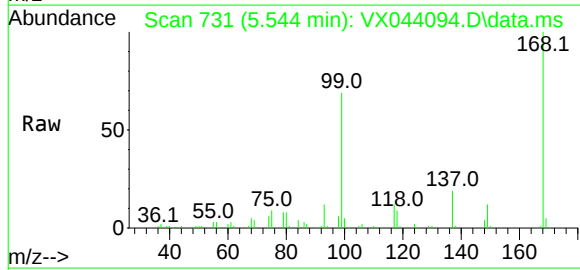
Quant Time: Dec 04 00:09:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



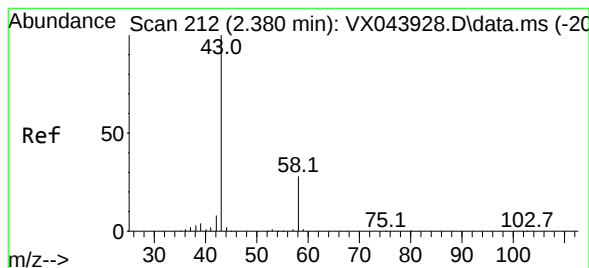
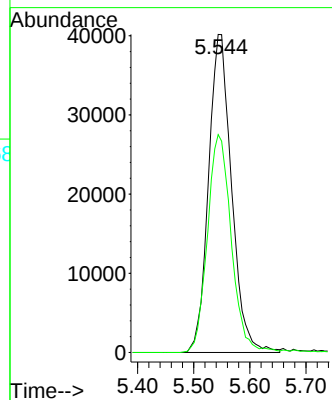
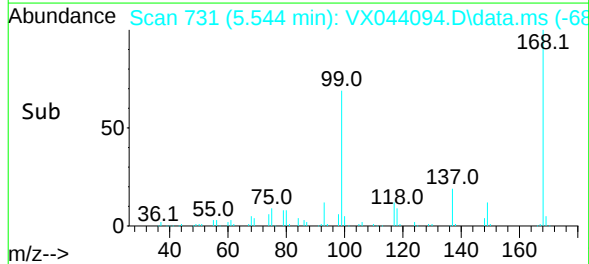


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044094.D
Acq: 03 Dec 2024 15:41

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C6-1

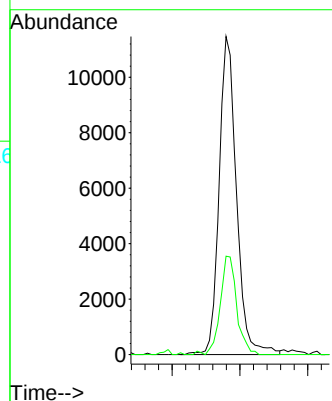
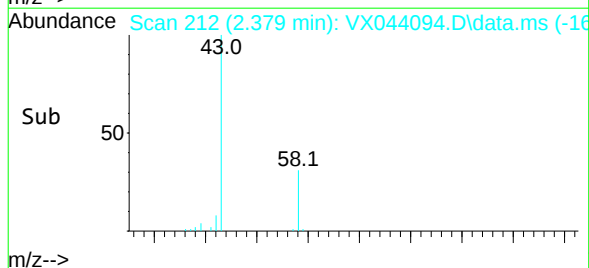
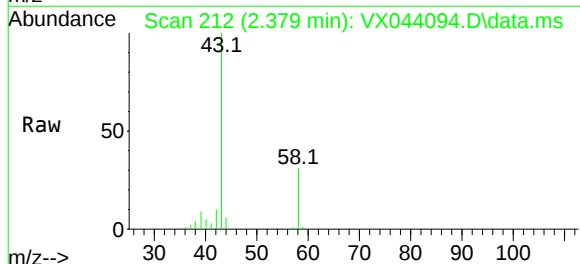


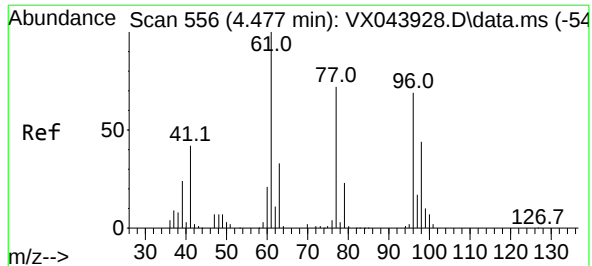
Tgt Ion: 168 Resp: 114452
Ion Ratio Lower Upper
168 100
99 68.5 51.8 77.8



#16
Acetone
Concen: 22.669 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044094.D
Acq: 03 Dec 2024 15:41

Tgt Ion: 43 Resp: 20439
Ion Ratio Lower Upper
43 100
58 30.9 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 3.804 ug/l

RT: 4.483 min Scan# 55

Delta R.T. 0.006 min

Lab File: VX044094.D

Acq: 03 Dec 2024 15:41

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1

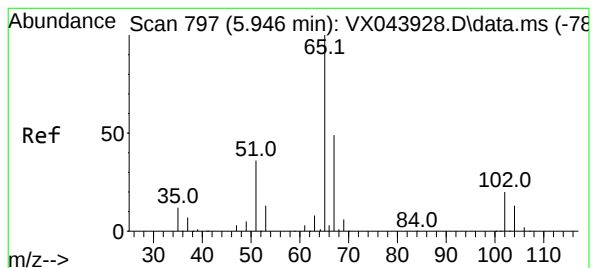
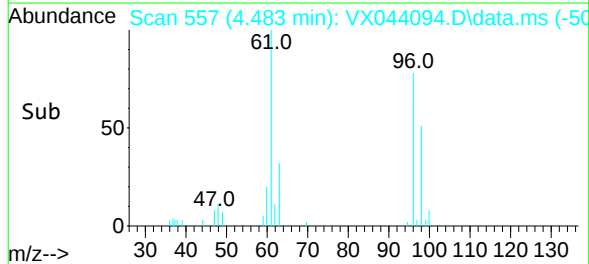
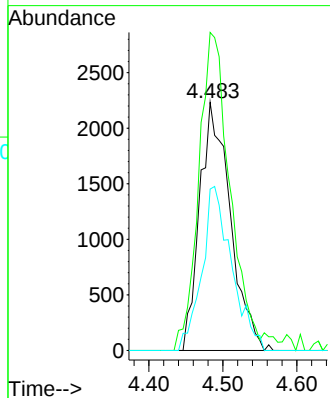
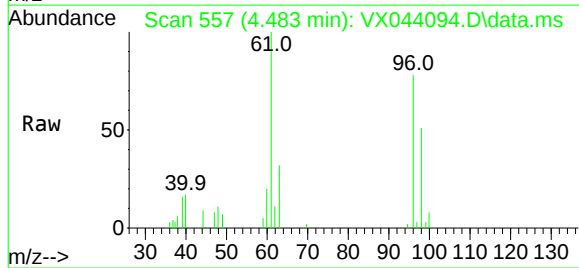
Tgt Ion: 96 Resp: 6402

Ion Ratio Lower Upper

96 100

61 132.7 0.0 297.4

98 64.5 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 52.352 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044094.D

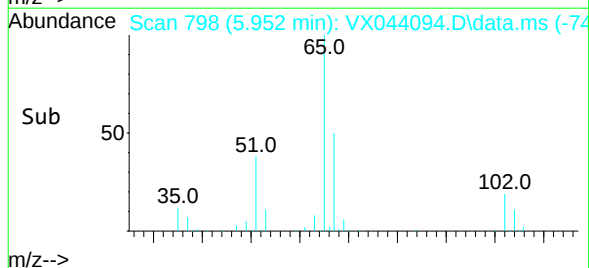
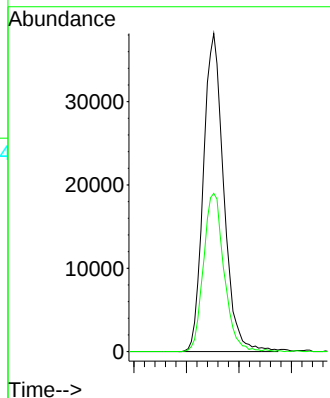
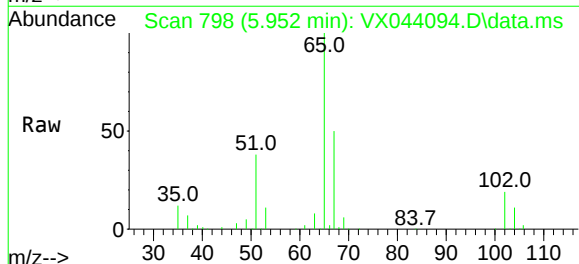
Acq: 03 Dec 2024 15:41

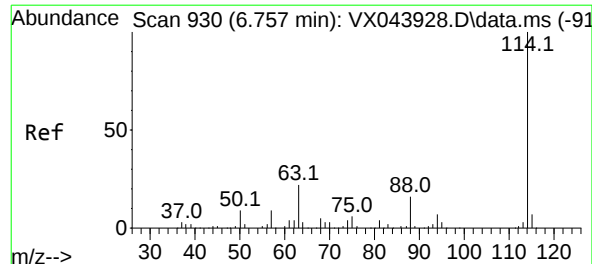
Tgt Ion: 65 Resp: 102769

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044094.D

Acq: 03 Dec 2024 15:41

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1

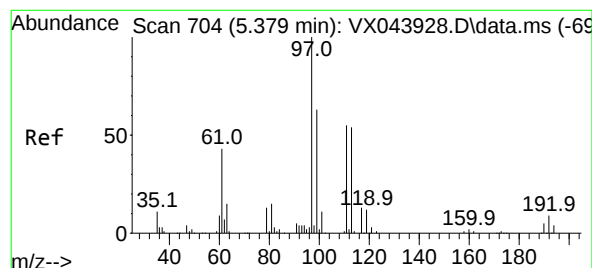
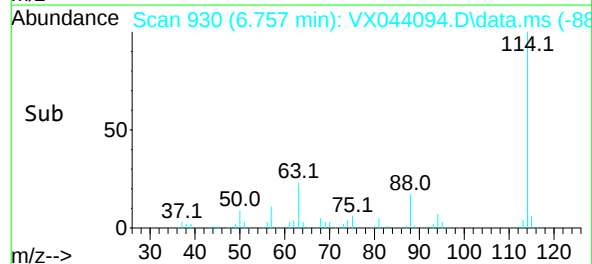
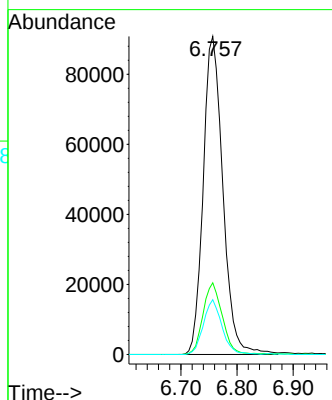
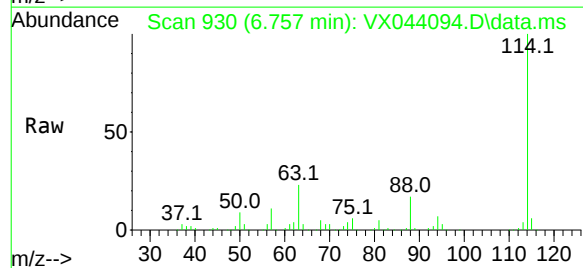
Tgt Ion:114 Resp: 221169

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

88 17.2 0.0 32.4



#35

Dibromofluoromethane

Concen: 36.530 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044094.D

Acq: 03 Dec 2024 15:41

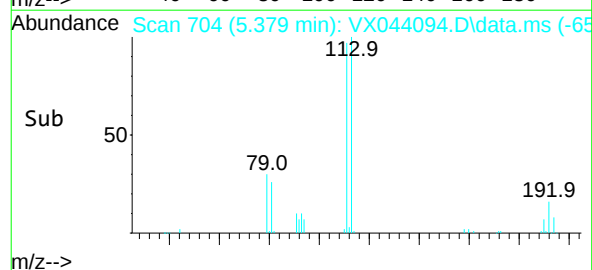
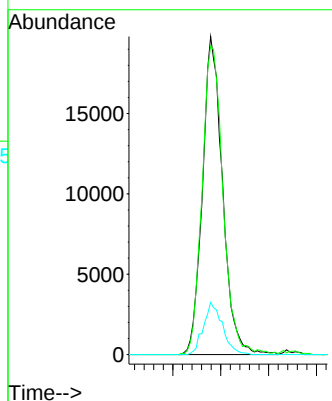
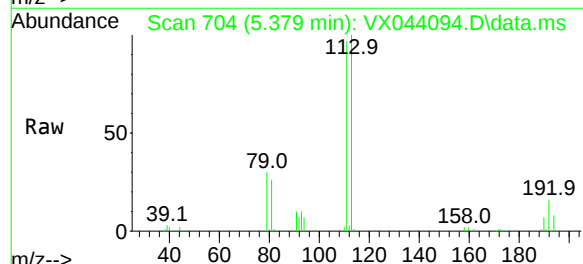
Tgt Ion:113 Resp: 57730

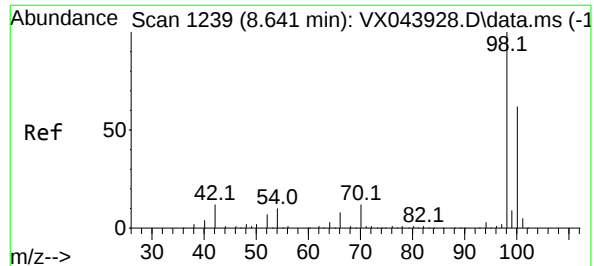
Ion Ratio Lower Upper

113 100

111 100.3 81.0 121.4

192 15.6 13.0 19.6





#50

Toluene-d8

Concen: 50.671 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044094.D

Acq: 03 Dec 2024 15:41

Instrument :

MSVOA_X

ClientSampleId :

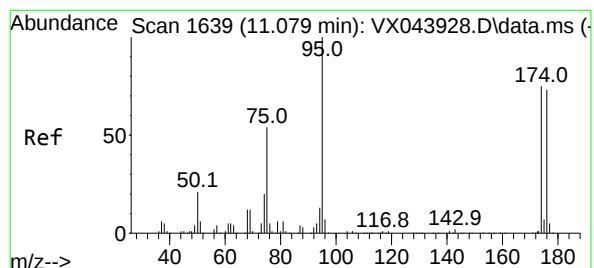
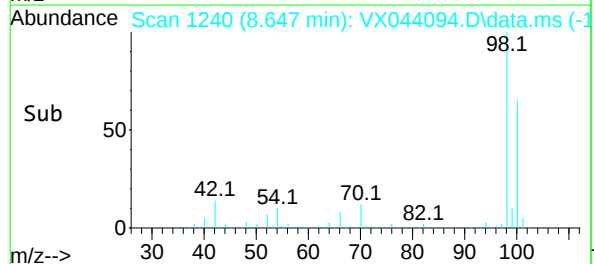
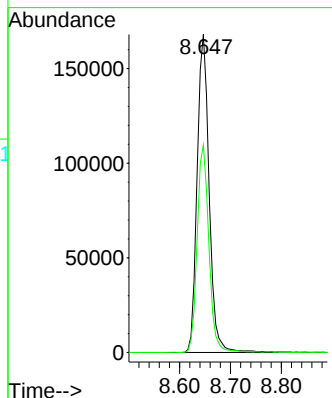
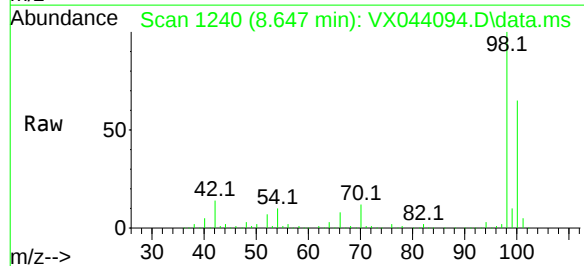
SPLP-C6-1

Tgt Ion: 98 Resp: 276040

Ion Ratio Lower Upper

98 100

100 63.7 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 50.091 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044094.D

Acq: 03 Dec 2024 15:41

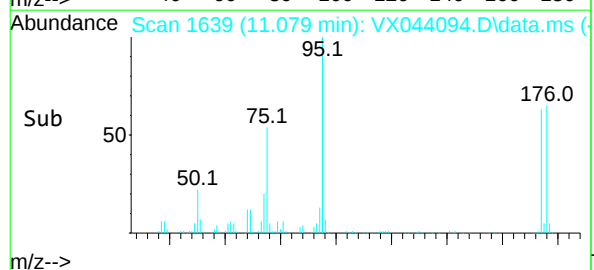
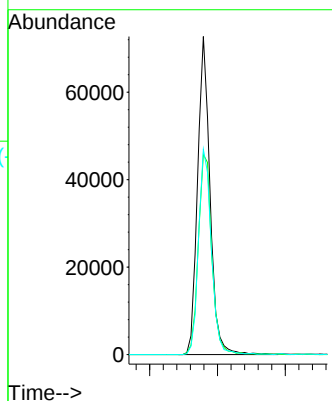
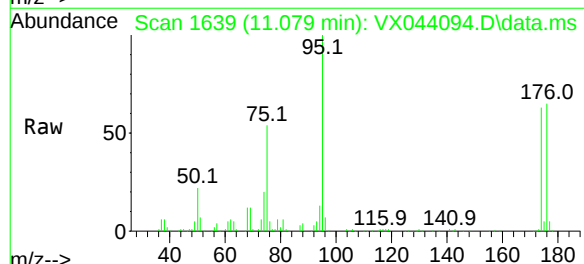
Tgt Ion: 95 Resp: 92868

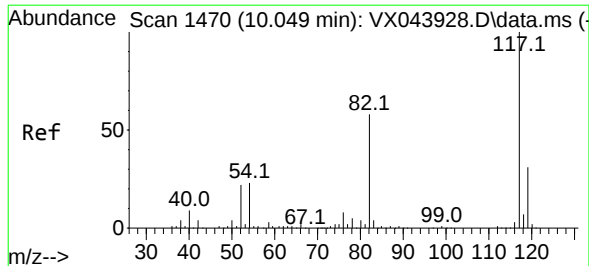
Ion Ratio Lower Upper

95 100

174 68.1 0.0 150.4

176 67.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044094.D

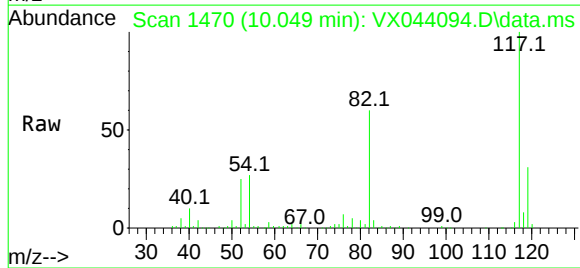
Acq: 03 Dec 2024 15:41

Instrument :

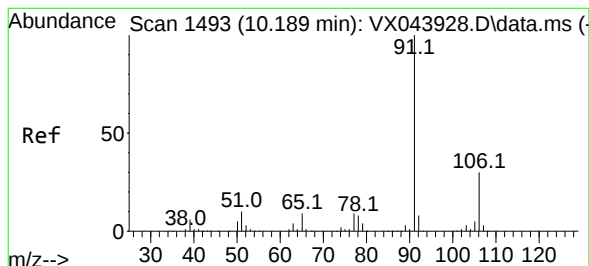
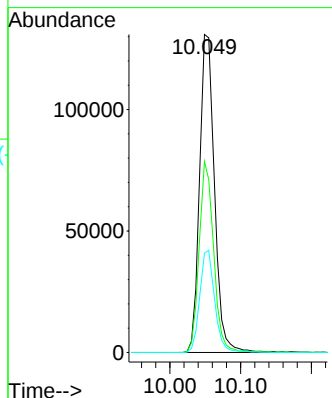
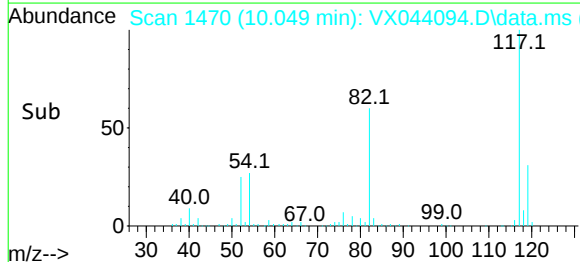
MSVOA_X

ClientSampleId :

SPLP-C6-1



Tgt Ion:	117	Resp:	192410
Ion	Ratio	Lower	Upper
117	100		
82	60.0	46.4	69.6
119	31.2	24.6	37.0



#67

Ethyl Benzene

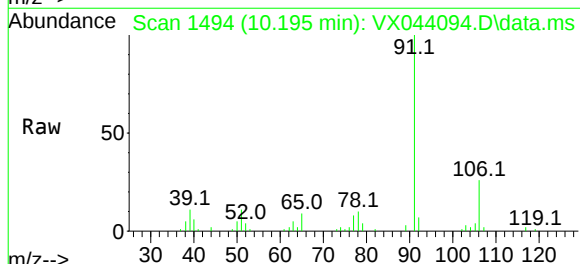
Concen: 2.095 ug/l

RT: 10.195 min Scan# 1494

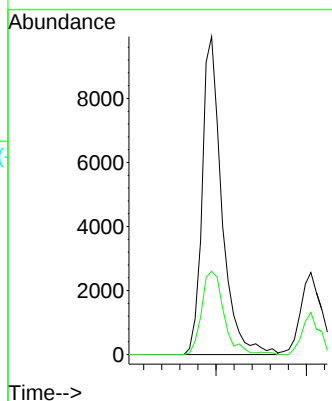
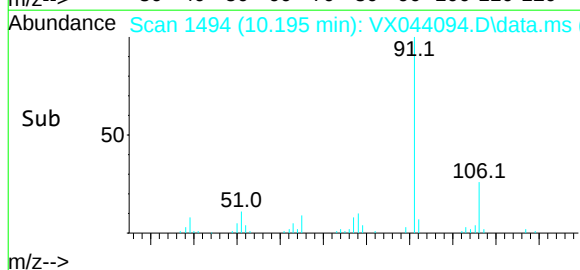
Delta R.T. 0.006 min

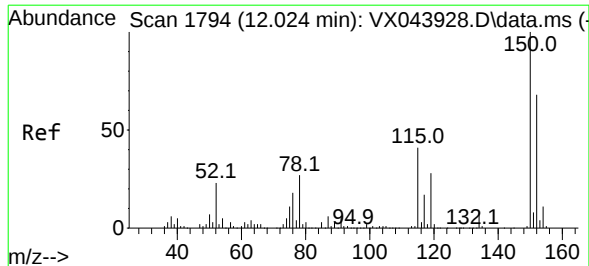
Lab File: VX044094.D

Acq: 03 Dec 2024 15:41



Tgt Ion:	91	Resp:	15002
Ion	Ratio	Lower	Upper
91	100		
106	26.2	23.6	35.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VX044094.D

Acq: 03 Dec 2024 15:41

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1

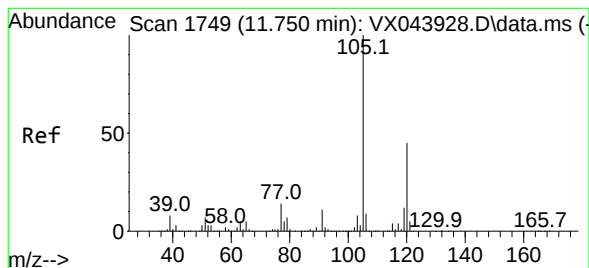
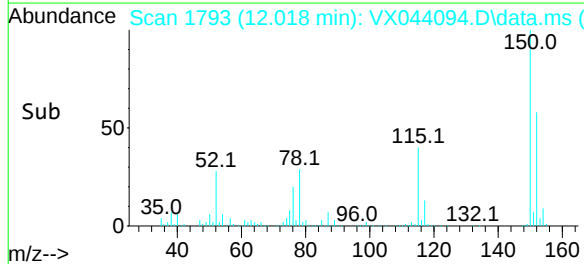
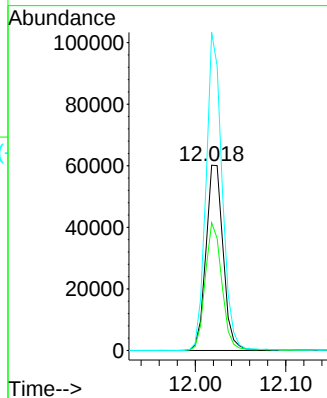
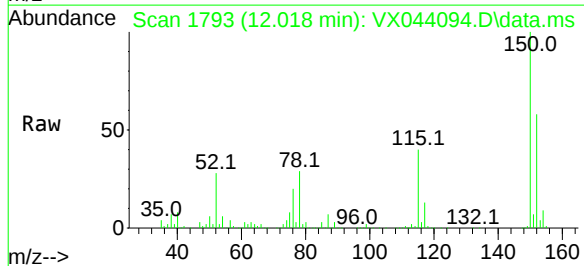
Tgt Ion:152 Resp: 79632

Ion Ratio Lower Upper

152 100

115 66.8 45.4 136.2

150 160.5 0.0 353.0



#84

1,2,4-Trimethylbenzene

Concen: 1.402 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044094.D

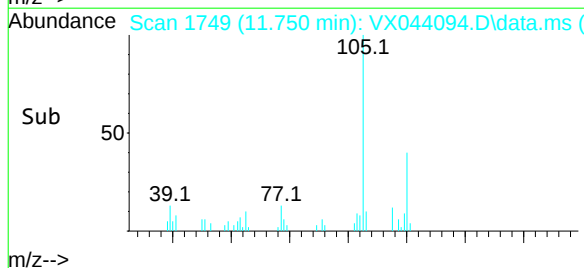
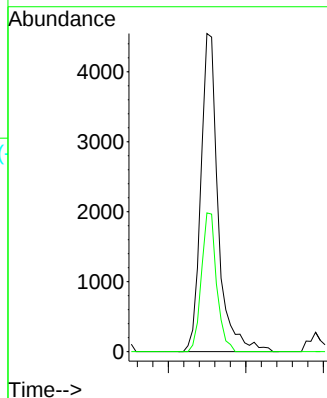
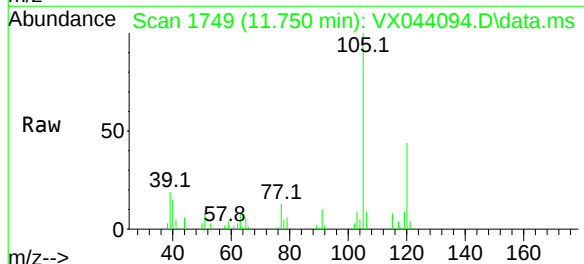
Acq: 03 Dec 2024 15:41

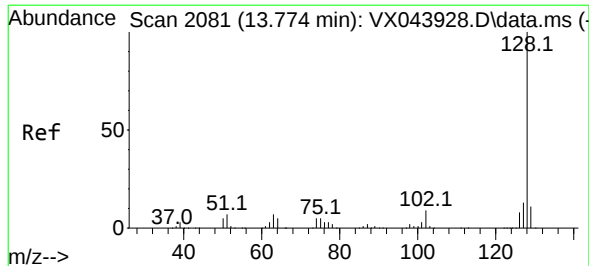
Tgt Ion:105 Resp: 7027

Ion Ratio Lower Upper

105 100

120 38.5 21.9 65.7





#95

Naphthalene

Concen: 87.161 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044094.D

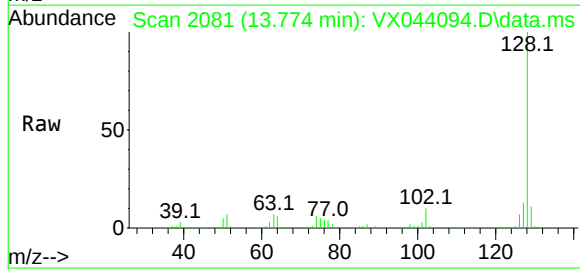
Acq: 03 Dec 2024 15:41

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1



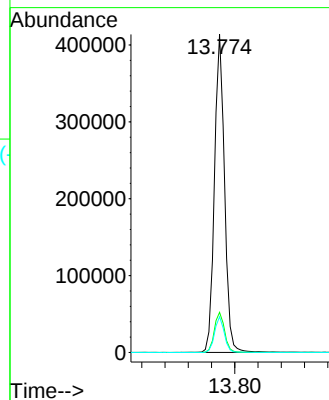
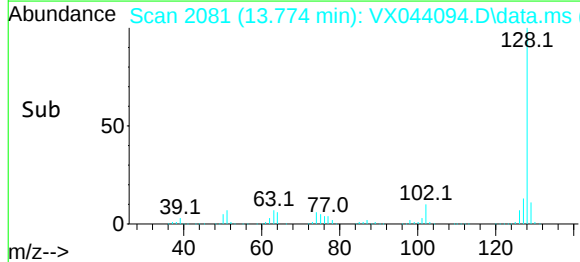
Tgt Ion:128 Resp: 496465

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-1RE	SDG No.:	P5006
Lab Sample ID:	P5006-06RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044122.D	1		12/04/24 17:15	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	26.7		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	3.80	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-1RE	SDG No.:	P5006
Lab Sample ID:	P5006-06RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044122.D	1		12/04/24 17:15	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	2.20	J	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	0.14	U	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	34.4	*	70 (75) - 130 (124)	69%	SPK: 50
2037-26-5	Toluene-d8	48.8		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.2		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	105000	5.55			
540-36-3	1,4-Difluorobenzene	207000	6.757			
3114-55-4	Chlorobenzene-d5	177000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	72600	12.024			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-1RE	SDG No.:	P5006
Lab Sample ID:	P5006-06RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044122.D	1		12/04/24 17:15	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044122.D
 Acq On : 04 Dec 2024 17:15
 Operator : JC/MD
 Sample : P5006-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C6-1RE

Quant Time: Dec 05 00:31:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

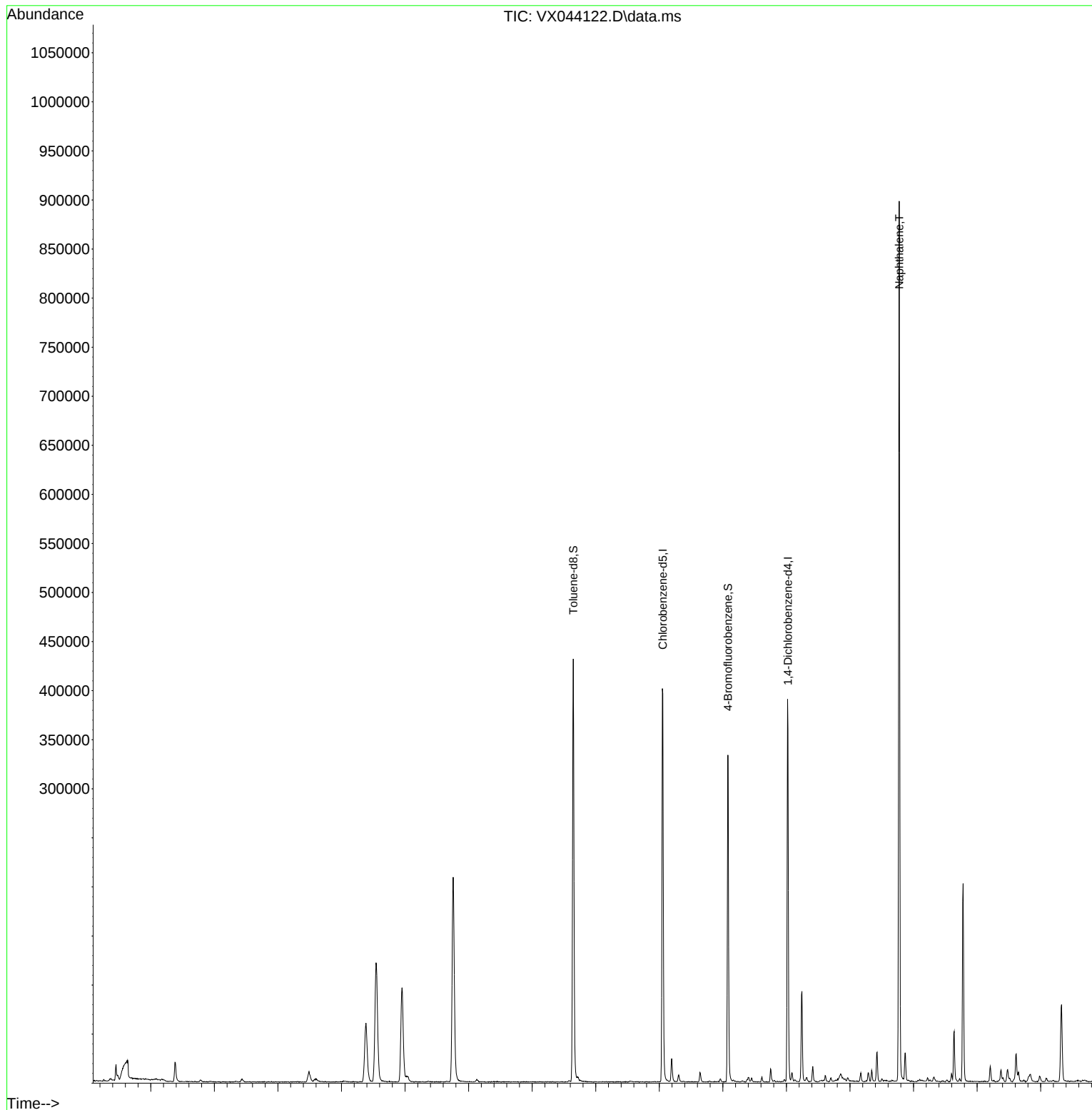
Internal Standards						
1) Pentafluorobenzene	5.550	168	105046	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	206576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96662	53.650	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.300%
35) Dibromofluoromethane	5.385	113	50712	34.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	68.720%#
50) Toluene-d8	8.647	98	248214	48.782	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.560%
62) 4-Bromofluorobenzene	11.079	95	85139	49.166	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.340%
Target Compounds						
16) Acetone	2.380	43	22057	26.655	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	5820	3.768	ug/l	94
67) Ethyl Benzene	10.195	91	14746	2.239	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	6386	1.397	ug/l	93
95) Naphthalene	13.774	128	488271	94.029	ug/l	99

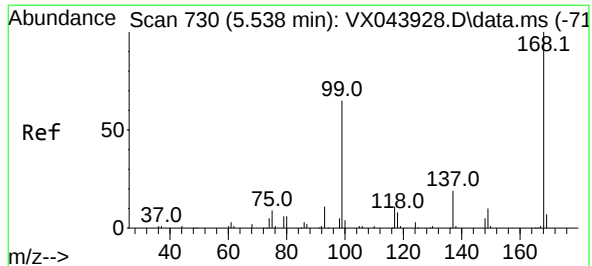
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044122.D
Acq On : 04 Dec 2024 17:15
Operator : JC/MD
Sample : P5006-06RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C6-1RE

Quant Time: Dec 05 00:31:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 73

Delta R.T. 0.012 min

Lab File: VX044122.D

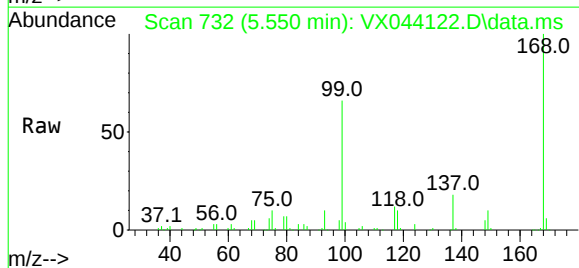
Acq: 04 Dec 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1RE

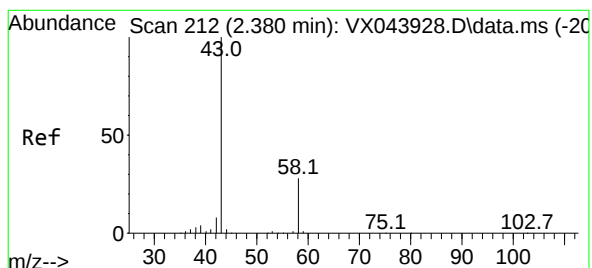
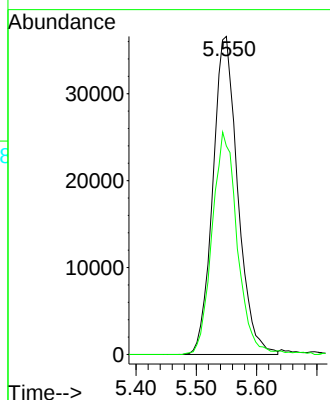
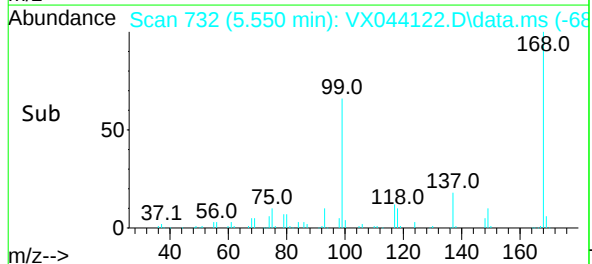


Tgt Ion:168 Resp: 105046

Ion Ratio Lower Upper

168 100

99 65.6 51.8 77.8



#16

Acetone

Concen: 26.655 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX044122.D

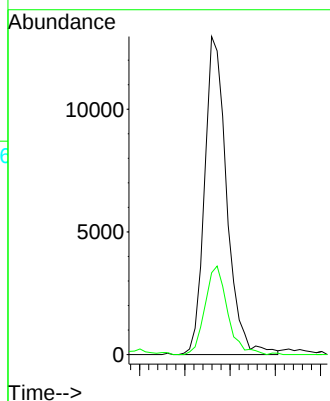
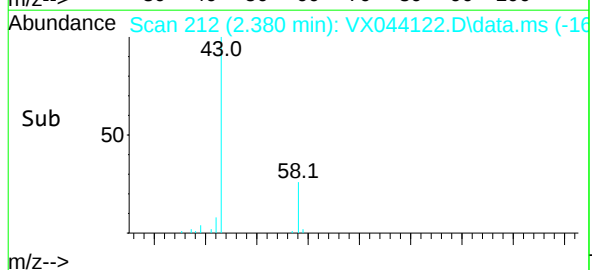
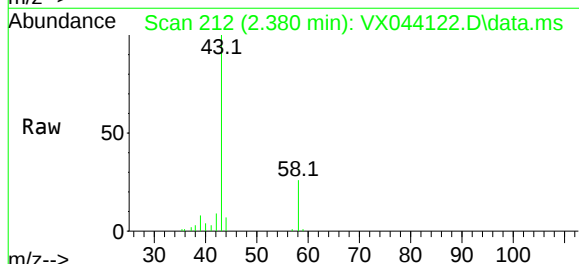
Acq: 04 Dec 2024 17:15

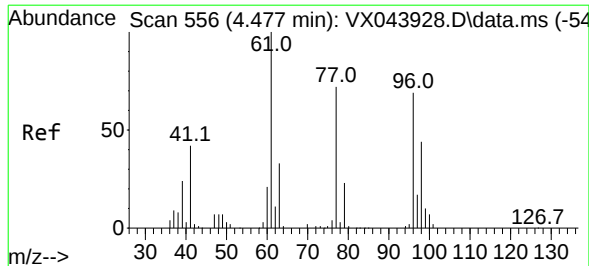
Tgt Ion: 43 Resp: 22057

Ion Ratio Lower Upper

43 100

58 25.7 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 3.768 ug/l

RT: 4.489 min Scan# 55

Delta R.T. 0.012 min

Lab File: VX044122.D

Acq: 04 Dec 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1RE

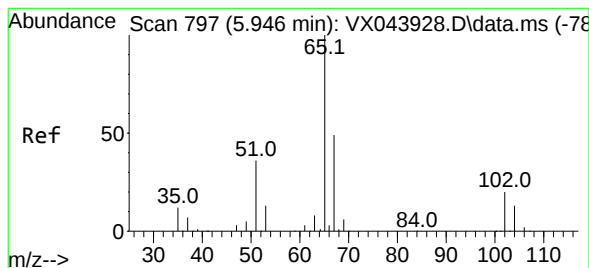
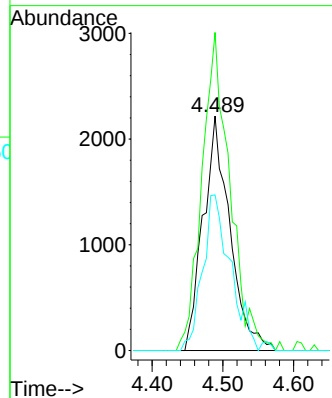
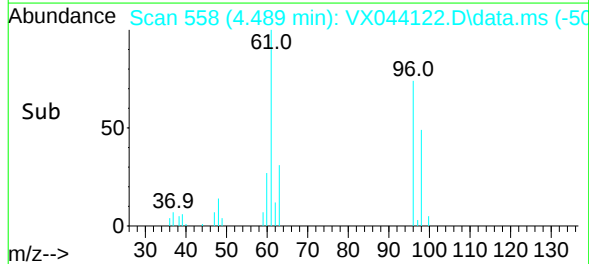
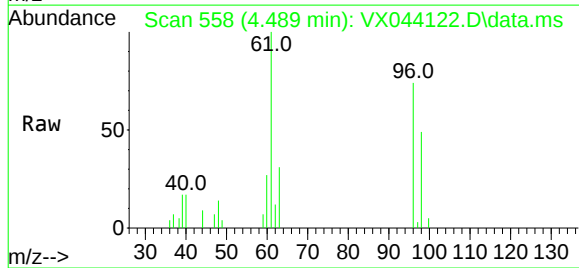
Tgt Ion: 96 Resp: 5820

Ion Ratio Lower Upper

96 100

61 141.5 0.0 297.4

98 68.7 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 53.650 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044122.D

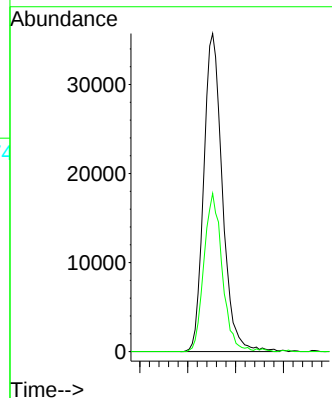
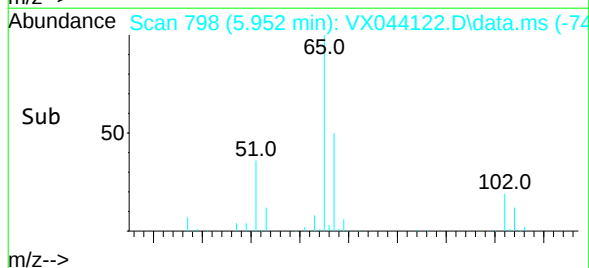
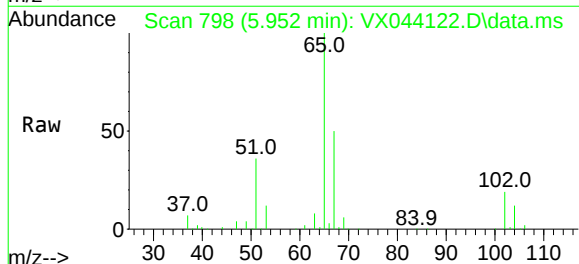
Acq: 04 Dec 2024 17:15

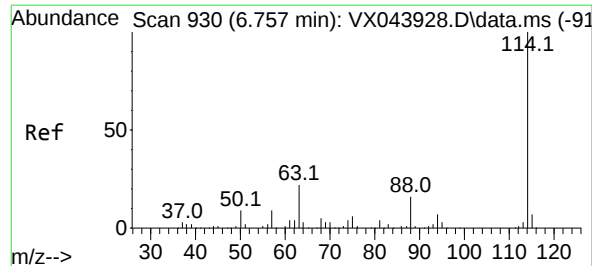
Tgt Ion: 65 Resp: 96662

Ion Ratio Lower Upper

65 100

67 48.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044122.D

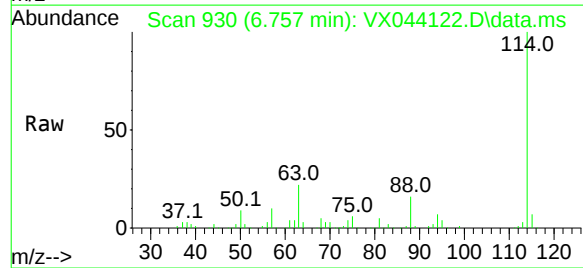
Acq: 04 Dec 2024 17:15

Instrument :

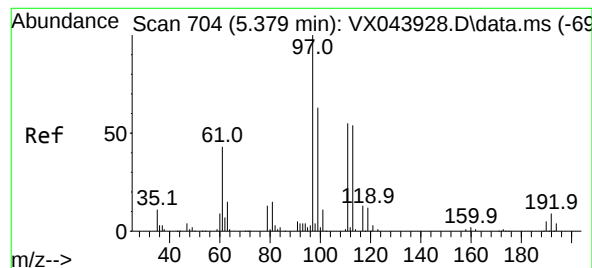
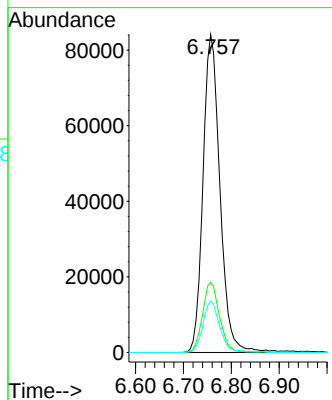
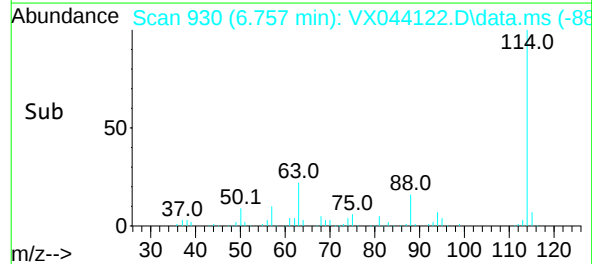
MSVOA_X

ClientSampleId :

SPLP-C6-1RE



Tgt Ion:	114	Resp:	206576
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.0
88	16.2	0.0	32.4



#35

Dibromofluoromethane

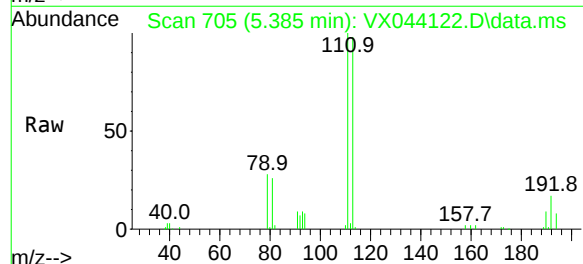
Concen: 34.356 ug/l

RT: 5.385 min Scan# 705

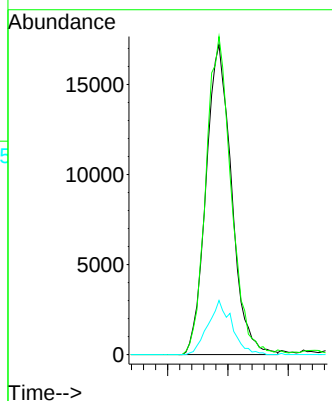
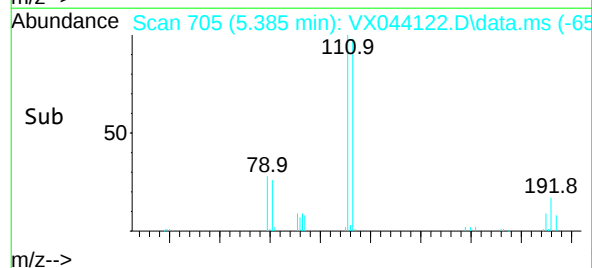
Delta R.T. 0.006 min

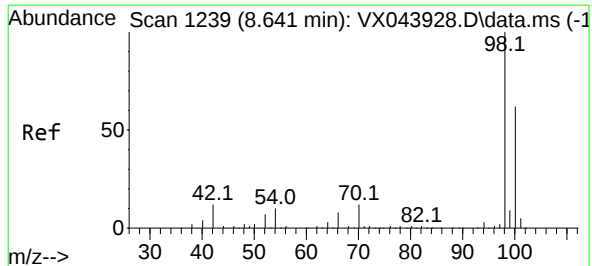
Lab File: VX044122.D

Acq: 04 Dec 2024 17:15



Tgt Ion:	113	Resp:	50712
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.0	121.4
192	16.4	13.0	19.6





#50

Toluene-d8

Concen: 48.782 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044122.D

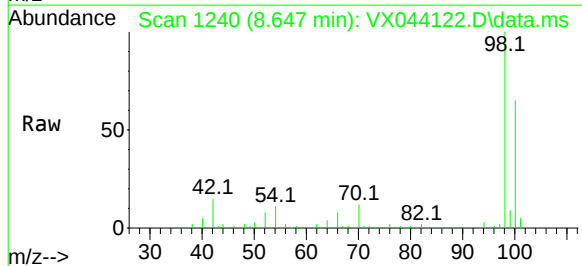
Acq: 04 Dec 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1RE

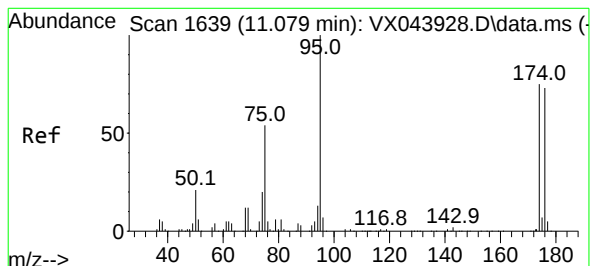
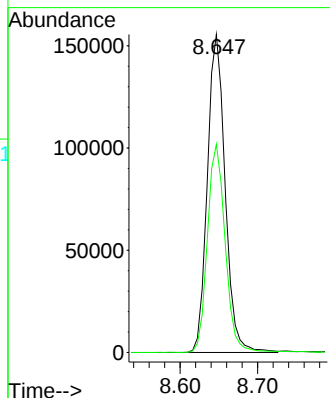
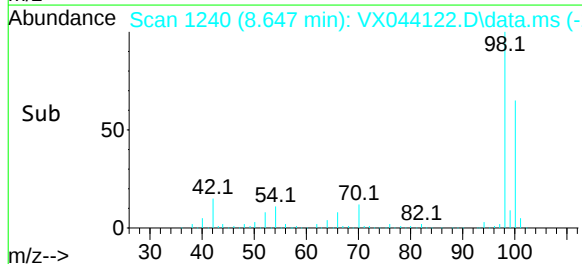


Tgt Ion: 98 Resp: 248214

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 49.166 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044122.D

Acq: 04 Dec 2024 17:15

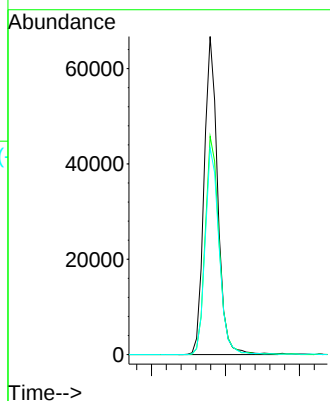
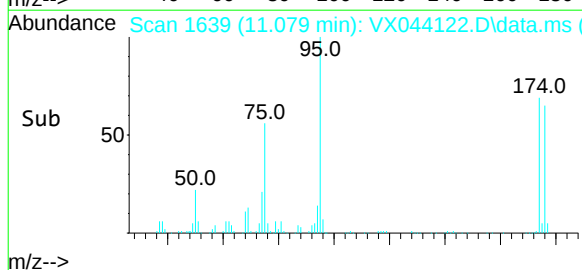
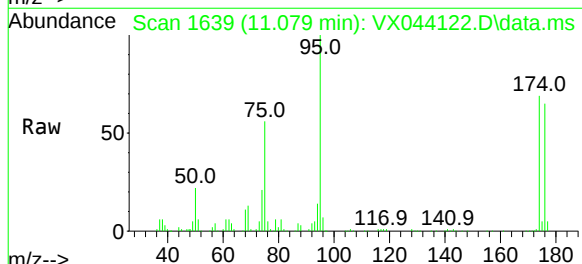
Tgt Ion: 95 Resp: 85139

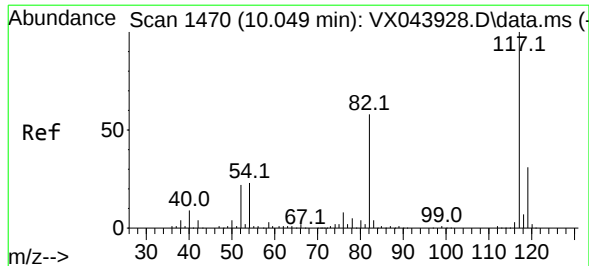
Ion Ratio Lower Upper

95 100

174 70.2 0.0 150.4

176 66.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044122.D

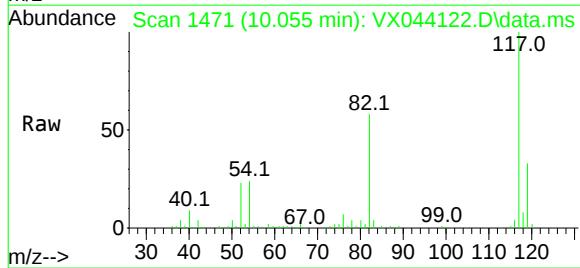
Acq: 04 Dec 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1RE



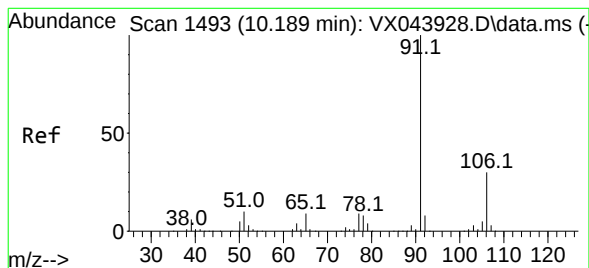
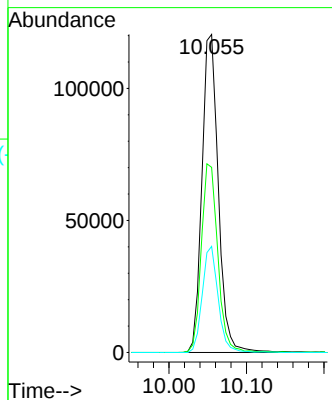
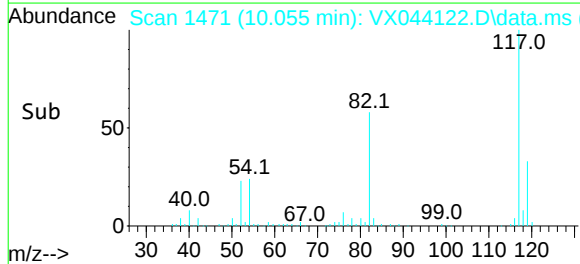
Tgt Ion:117 Resp: 176949

Ion Ratio Lower Upper

117 100

82 58.2 46.4 69.6

119 33.4 24.6 37.0



#67

Ethyl Benzene

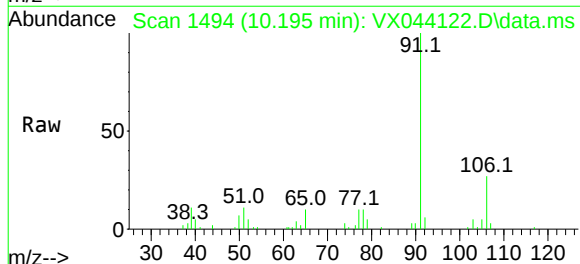
Concen: 2.239 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044122.D

Acq: 04 Dec 2024 17:15

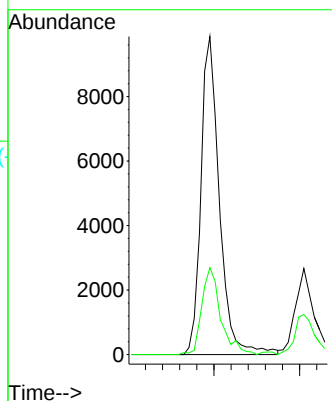
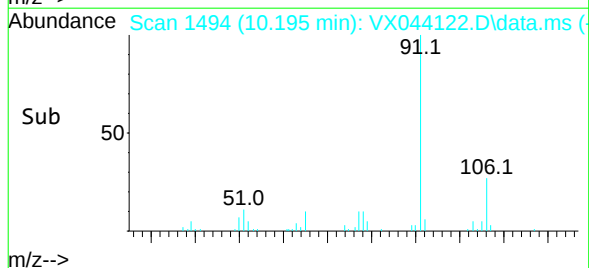


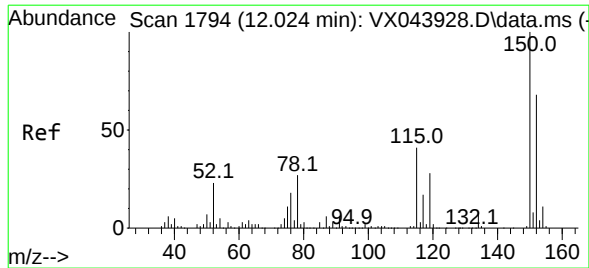
Tgt Ion: 91 Resp: 14746

Ion Ratio Lower Upper

91 100

106 27.4 23.6 35.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044122.D

Acq: 04 Dec 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1RE

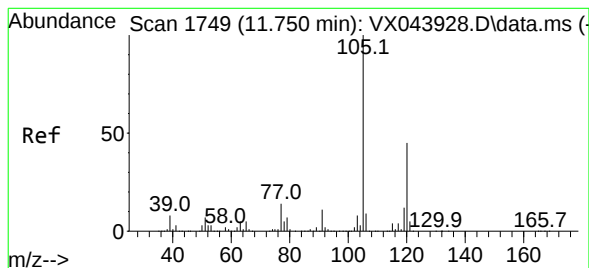
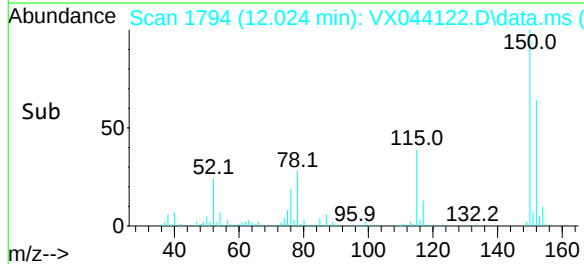
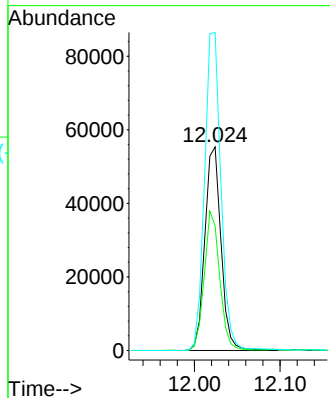
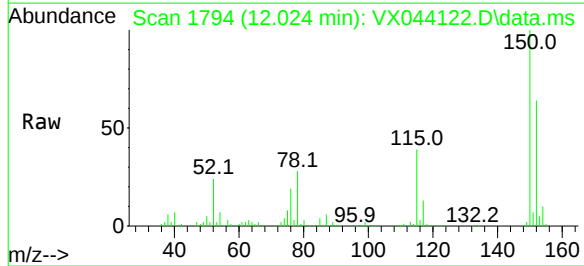
Tgt Ion:152 Resp: 72597

Ion Ratio Lower Upper

152 100

115 65.4 45.4 136.2

150 159.0 0.0 353.0



#84

1,2,4-Trimethylbenzene

Concen: 1.397 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044122.D

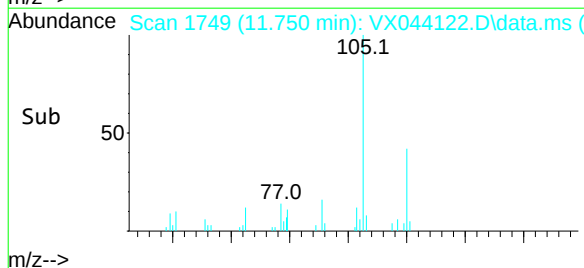
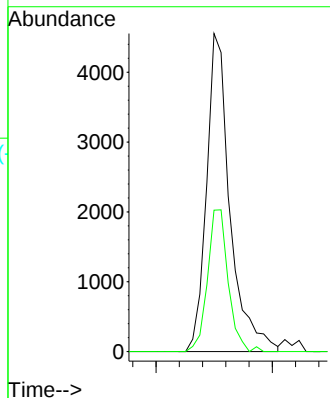
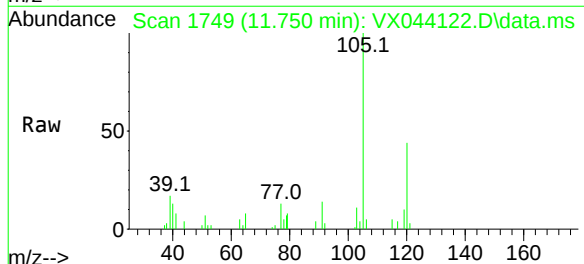
Acq: 04 Dec 2024 17:15

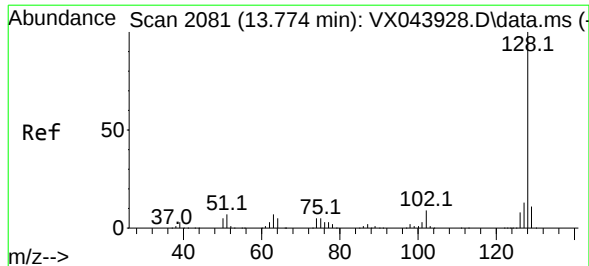
Tgt Ion:105 Resp: 6386

Ion Ratio Lower Upper

105 100

120 39.3 21.9 65.7





#95

Naphthalene

Concen: 94.029 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044122.D

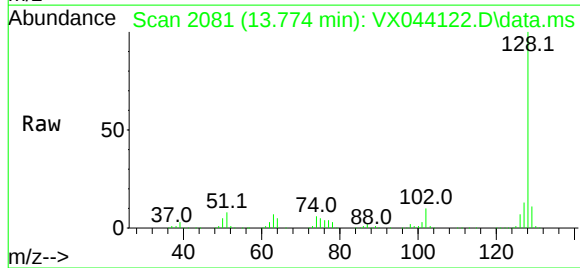
Acq: 04 Dec 2024 17:15

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-1RE



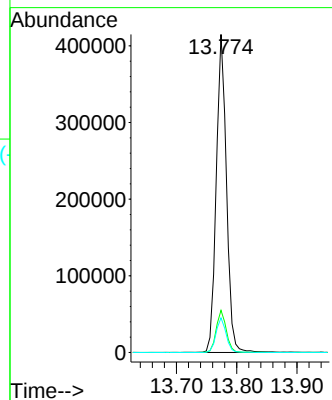
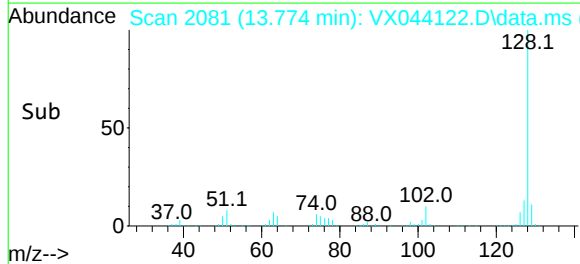
Tgt Ion:128 Resp: 488271

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 10.8 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-2	SDG No.:	P5006
Lab Sample ID:	P5006-07	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044095.D	1		12/03/24 16:04	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	17.8	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-2	SDG No.:	P5006
Lab Sample ID:	P5006-07	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044095.D	1		12/03/24 16:04	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	3.50	J	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	1.10	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	38.0		70 (75) - 130 (124)	76%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	112000	5.55			
540-36-3	1,4-Difluorobenzene	223000	6.757			
3114-55-4	Chlorobenzene-d5	201000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	87400	12.024			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C6-2		SDG No.:	P5006	
Lab Sample ID:	P5006-07		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044095.D	1		12/03/24 16:04	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044095.D
 Acq On : 03 Dec 2024 16:04
 Operator : JC/MD
 Sample : P5006-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C6-2

Quant Time: Dec 04 00:10:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

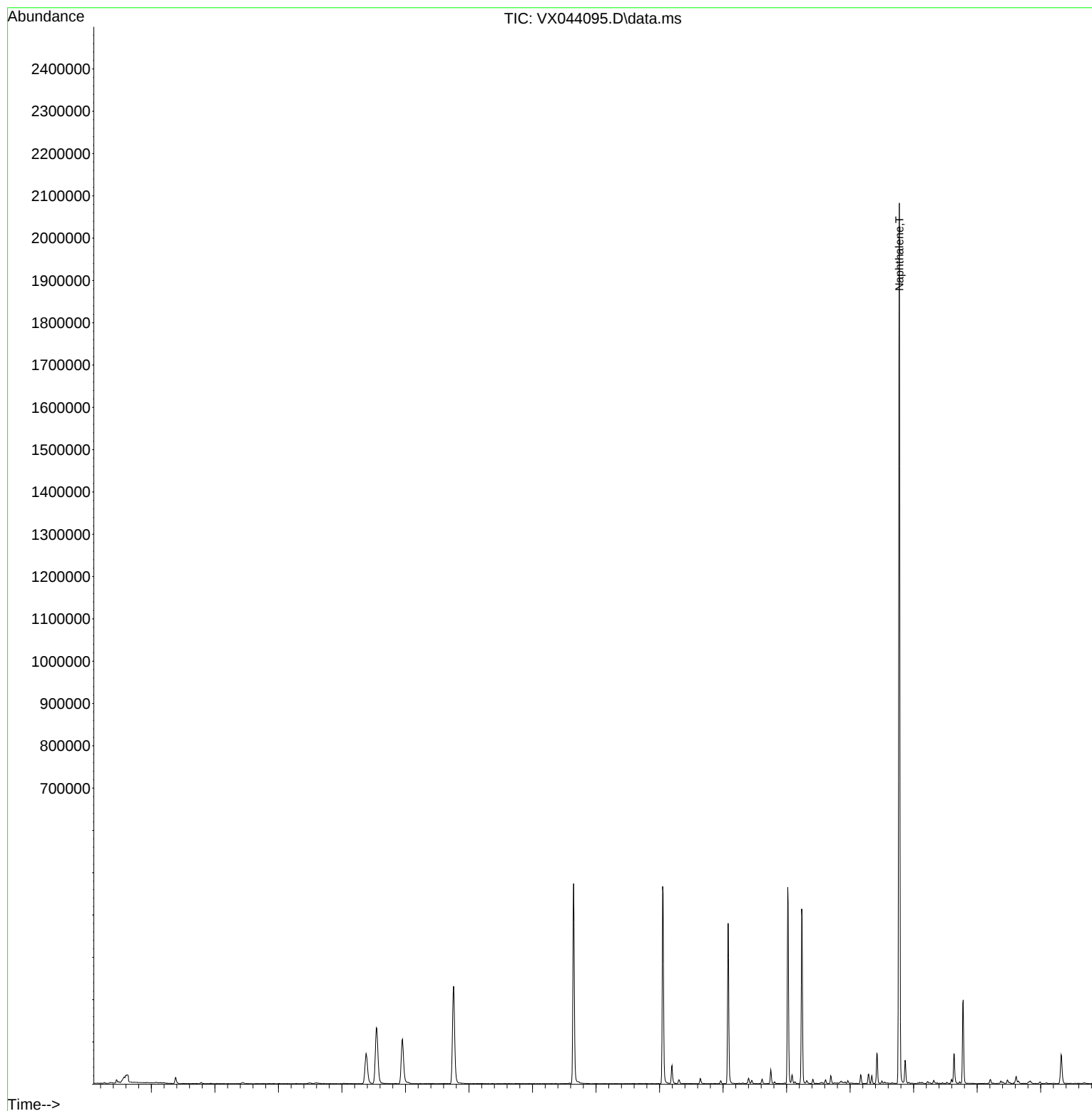
Internal Standards						
1) Pentafluorobenzene	5.550	168	112488	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	223144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	201427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102962	53.366	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.740%	
35) Dibromofluoromethane	5.379	113	60667	38.048	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	76.100%	
50) Toluene-d8	8.647	98	278115	50.600	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	101.200%	
62) 4-Bromofluorobenzene	11.079	95	97639	52.198	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	104.400%	
Target Compounds						
16) Acetone	2.380	43	15777	17.804	ug/l	95
67) Ethyl Benzene	10.195	91	26401	3.522	ug/l	97
69) o-Xylene	10.647	106	2985	1.094	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	13956	2.536	ug/l	98
95) Naphthalene	13.774	128	1173211	187.672	ug/l	99

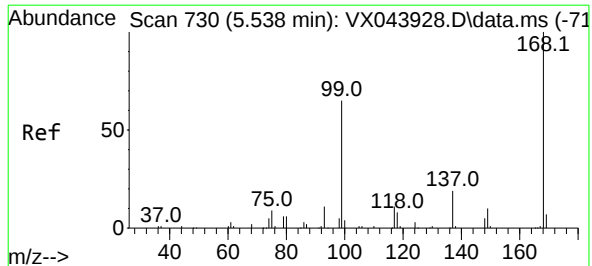
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044095.D
Acq On : 03 Dec 2024 16:04
Operator : JC/MD
Sample : P5006-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C6-2

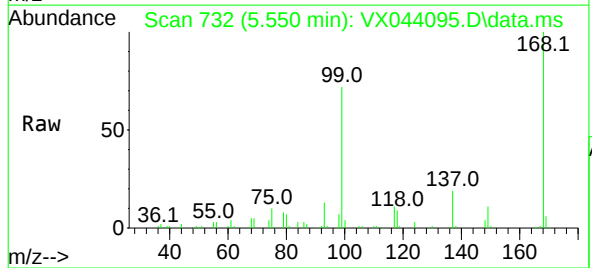
Quant Time: Dec 04 00:10:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



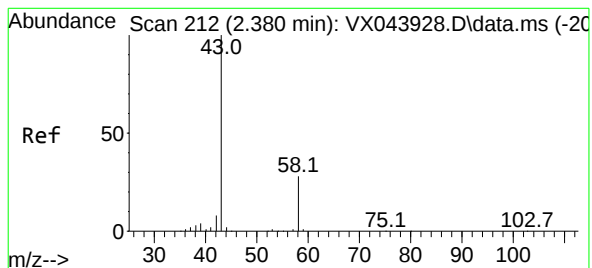
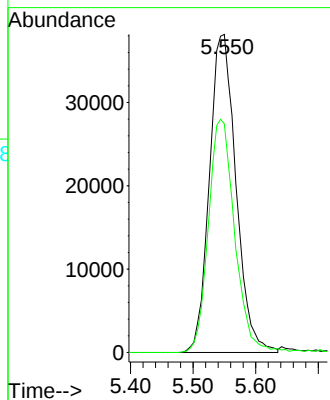
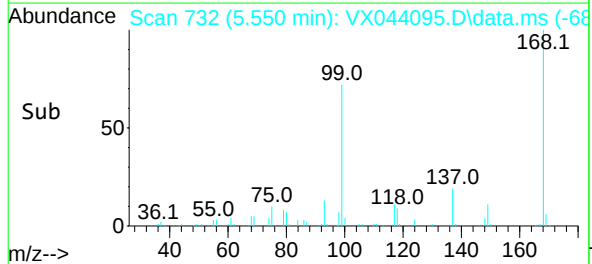


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044095.D
Acq: 03 Dec 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C6-2

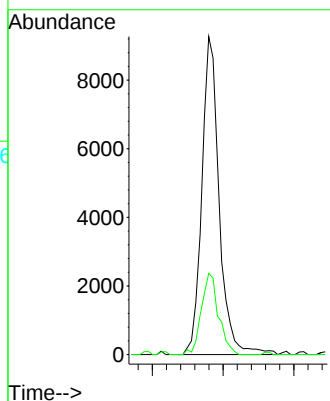
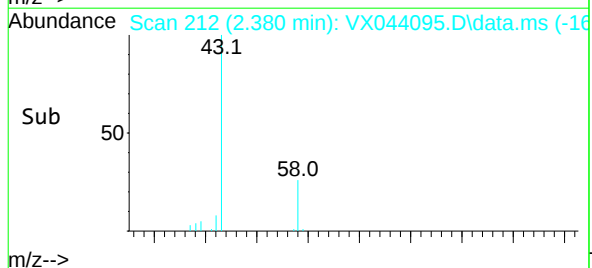
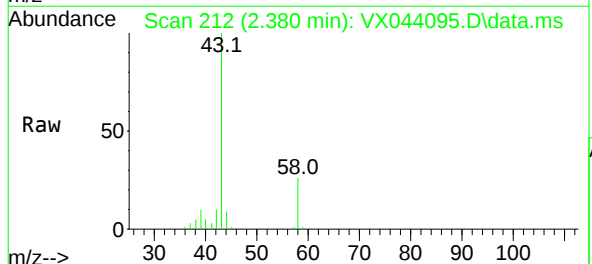


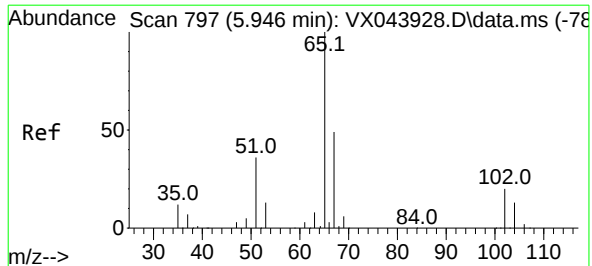
Tgt Ion: 168 Resp: 112488
Ion Ratio Lower Upper
168 100
99 71.9 51.8 77.8



#16
Acetone
Concen: 17.804 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044095.D
Acq: 03 Dec 2024 16:04

Tgt Ion: 43 Resp: 15777
Ion Ratio Lower Upper
43 100
58 25.6 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 53.366 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044095.D

Acq: 03 Dec 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :

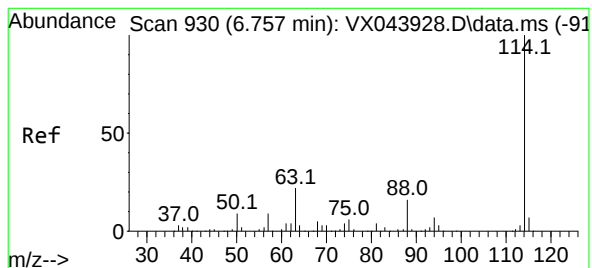
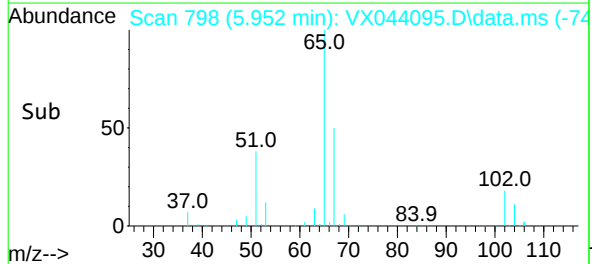
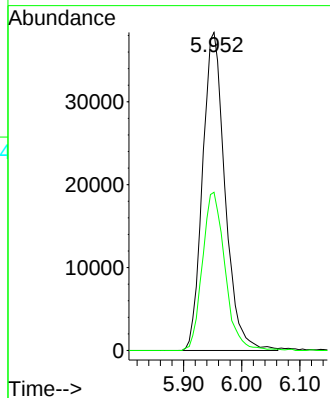
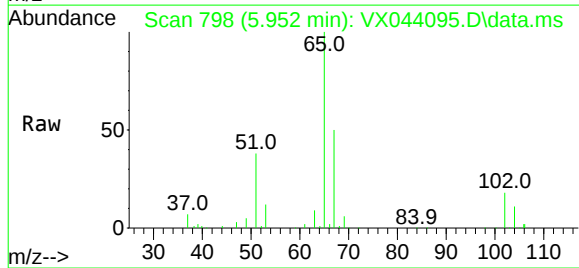
SPLP-C6-2

Tgt Ion: 65 Resp: 102962

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044095.D

Acq: 03 Dec 2024 16:04

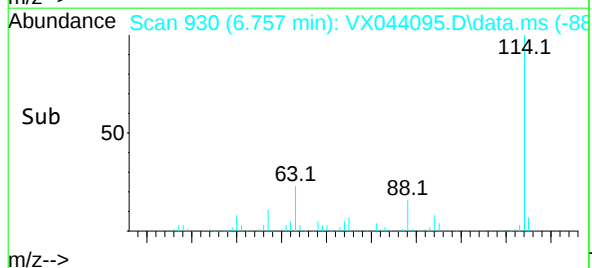
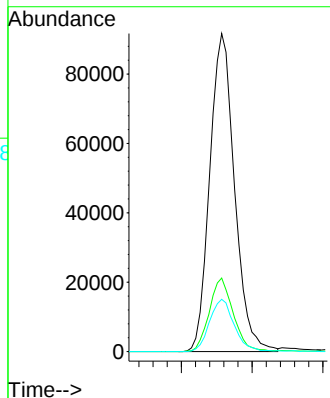
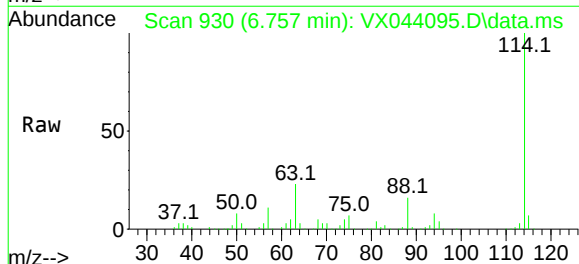
Tgt Ion: 114 Resp: 223144

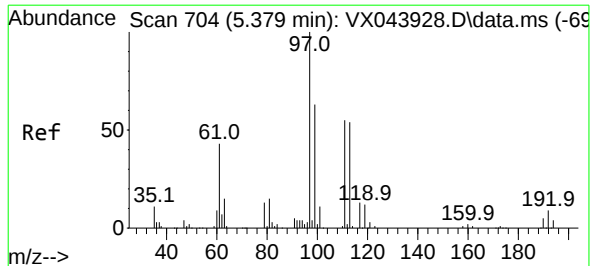
Ion Ratio Lower Upper

114 100

63 23.1 0.0 44.0

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 38.048 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044095.D

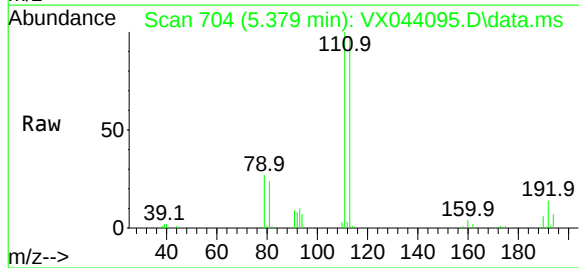
Acq: 03 Dec 2024 16:04

Instrument :

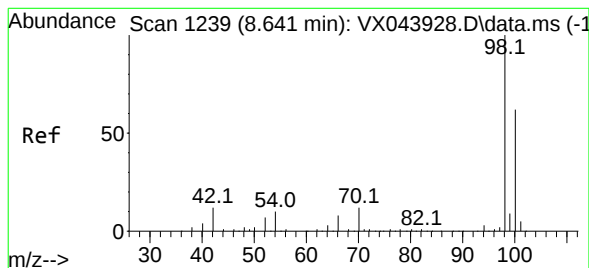
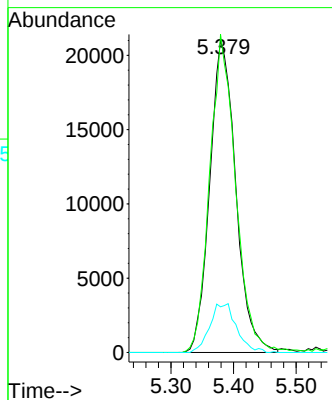
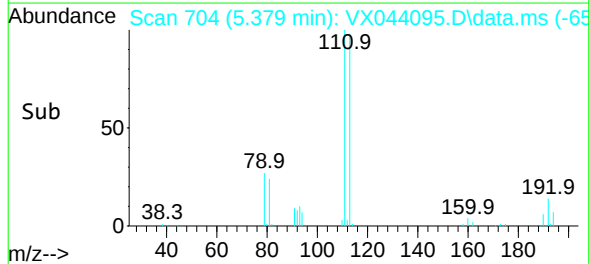
MSVOA_X

ClientSampleId :

SPLP-C6-2



Tgt Ion:	113	Resp:	60667
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.4
192	16.0	13.0	19.6



#50

Toluene-d8

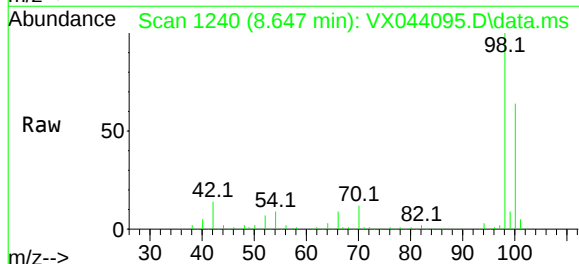
Concen: 50.600 ug/l

RT: 8.647 min Scan# 1240

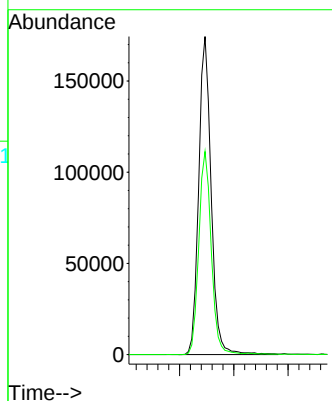
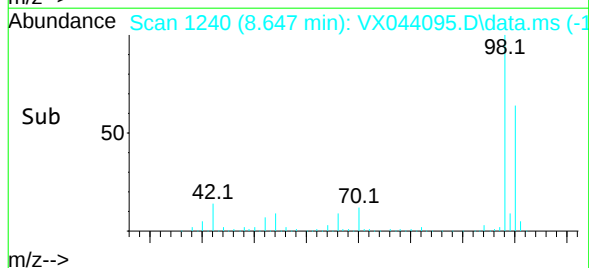
Delta R.T. 0.006 min

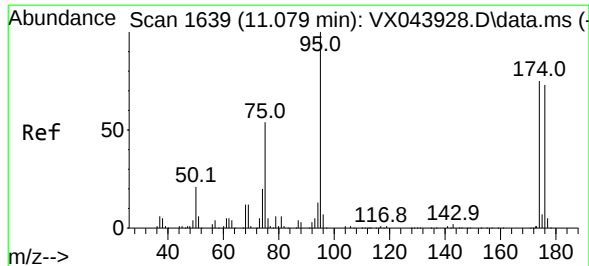
Lab File: VX044095.D

Acq: 03 Dec 2024 16:04



Tgt Ion:	98	Resp:	278115
Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.6	79.0





#62

4-Bromofluorobenzene

Concen: 52.198 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044095.D

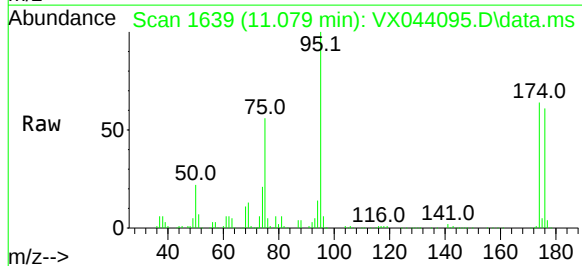
Acq: 03 Dec 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-2



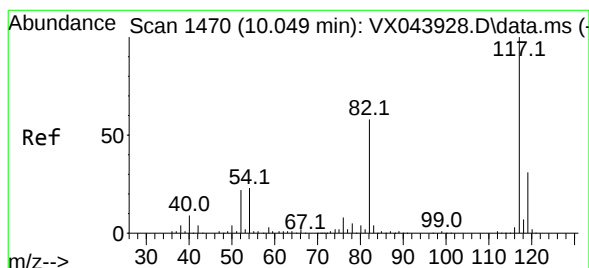
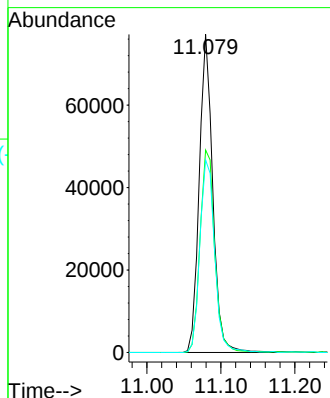
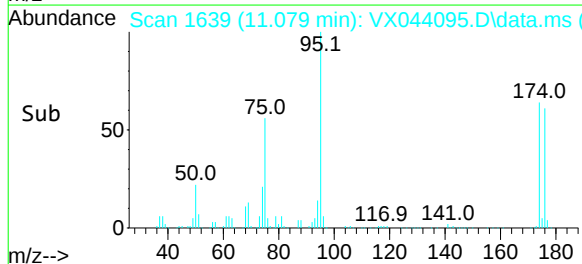
Tgt Ion: 95 Resp: 97639

Ion Ratio Lower Upper

95 100

174 69.1 0.0 150.4

176 66.4 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044095.D

Acq: 03 Dec 2024 16:04

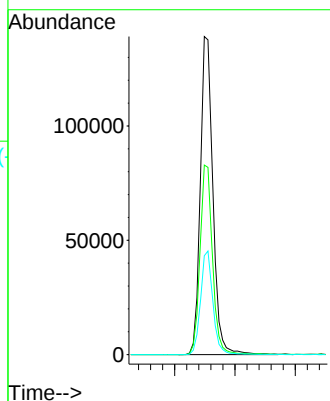
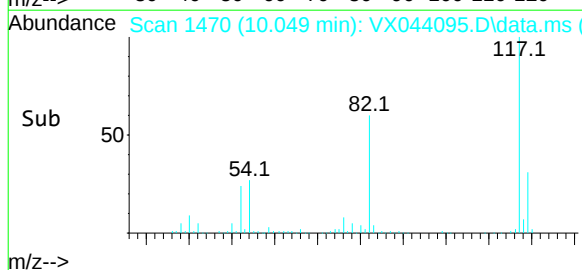
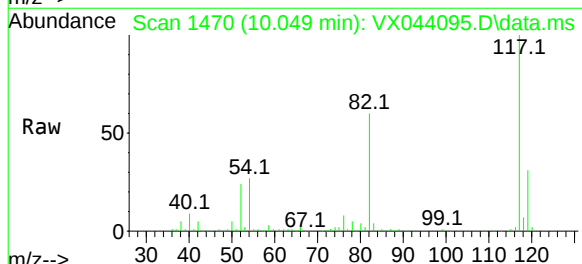
Tgt Ion: 117 Resp: 201427

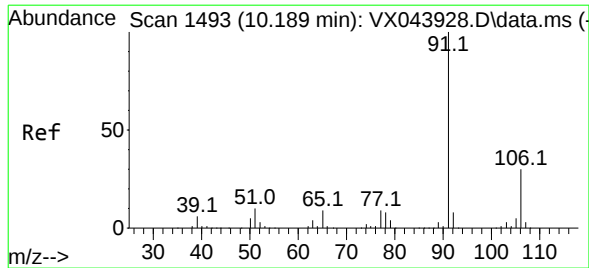
Ion Ratio Lower Upper

117 100

82 59.6 46.4 69.6

119 31.1 24.6 37.0





#67

Ethyl Benzene

Concen: 3.522 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044095.D

Acq: 03 Dec 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :

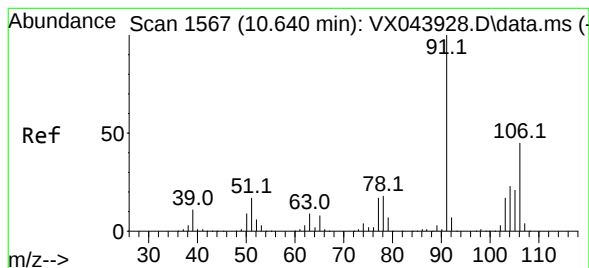
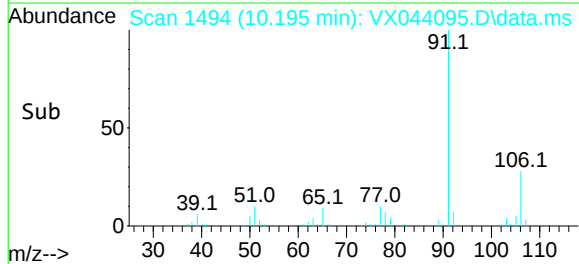
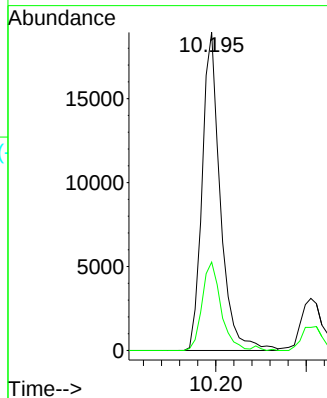
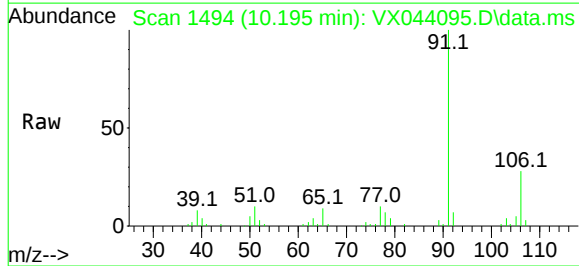
SPLP-C6-2

Tgt Ion: 91 Resp: 26401

Ion Ratio Lower Upper

91 100

106 27.8 23.6 35.4



#69

o-Xylene

Concen: 1.094 ug/l

RT: 10.647 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VX044095.D

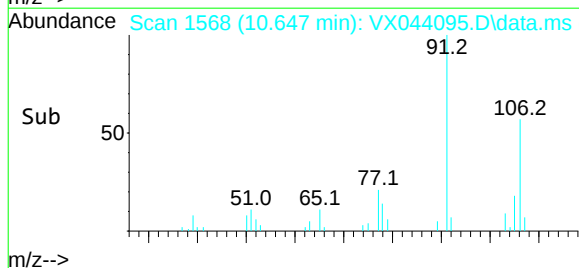
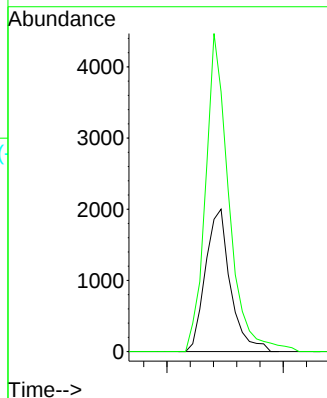
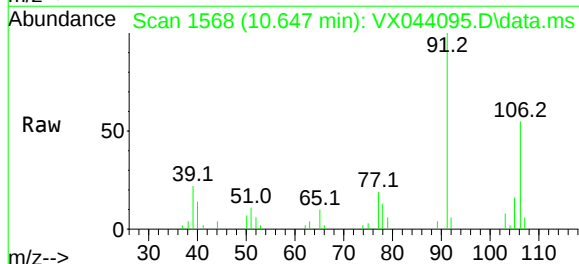
Acq: 03 Dec 2024 16:04

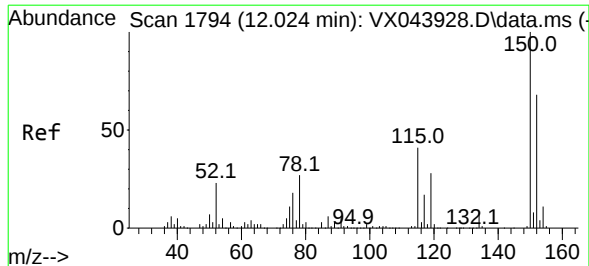
Tgt Ion: 106 Resp: 2985

Ion Ratio Lower Upper

106 100

91 208.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044095.D

Acq: 03 Dec 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-2

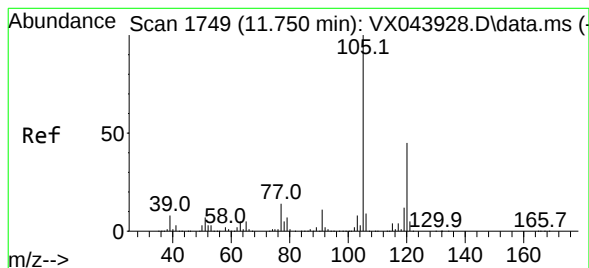
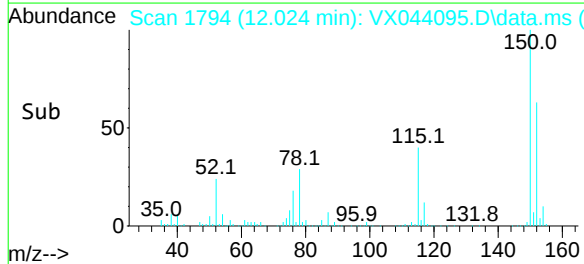
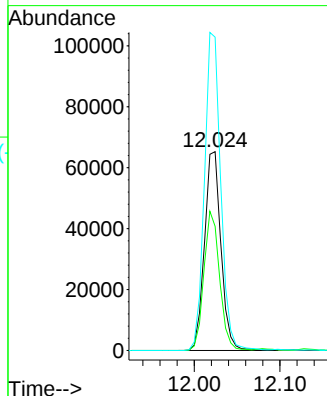
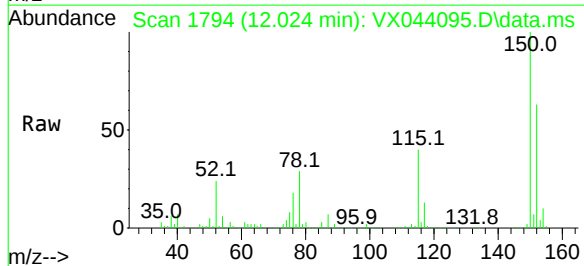
Tgt Ion:152 Resp: 87397

Ion Ratio Lower Upper

152 100

115 66.5 45.4 136.2

150 157.3 0.0 353.0



#84

1,2,4-Trimethylbenzene

Concen: 2.536 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044095.D

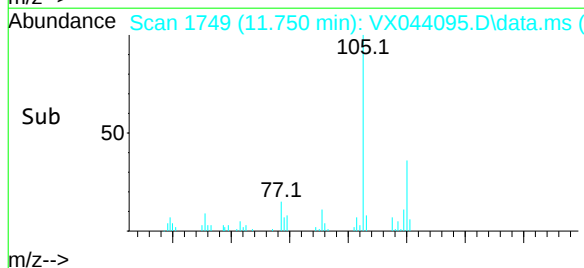
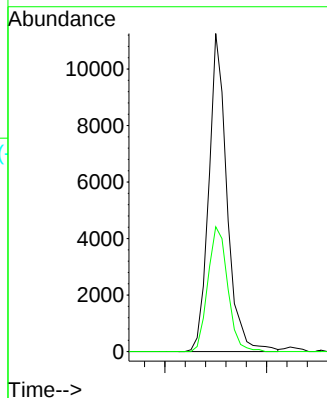
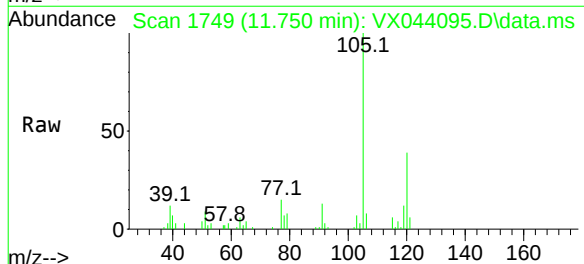
Acq: 03 Dec 2024 16:04

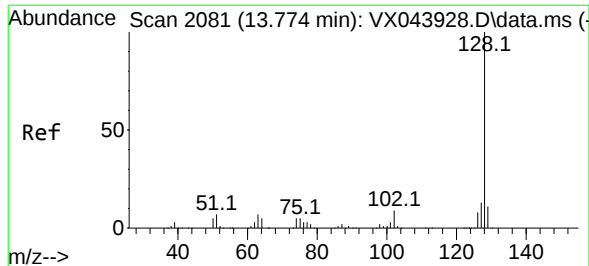
Tgt Ion:105 Resp: 13956

Ion Ratio Lower Upper

105 100

120 42.7 21.9 65.7





#95

Naphthalene

Concen: 187.672 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044095.D

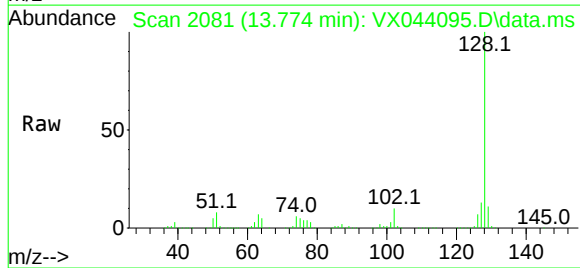
Acq: 03 Dec 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-2



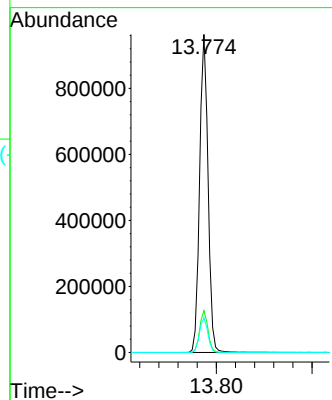
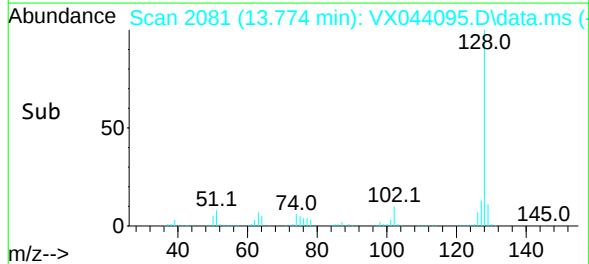
Tgt Ion:128 Resp: 1173211

Ion	Ratio	Lower	Upper
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128	100		
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127	13.0	10.2	15.2
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129	10.9	8.6	12.8
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-3	SDG No.:	P5006
Lab Sample ID:	P5006-08	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044096.D	1		12/03/24 16:27	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	17.5	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-3	SDG No.:	P5006
Lab Sample ID:	P5006-08	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044096.D	1		12/03/24 16:27	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	8.50		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	1.90	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	1.20	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	37.1		70 (75) - 130 (124)	74%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.544			
540-36-3	1,4-Difluorobenzene	225000	6.757			
3114-55-4	Chlorobenzene-d5	199000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	90200	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-3	SDG No.:	P5006
Lab Sample ID:	P5006-08	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044096.D	1		12/03/24 16:27	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044096.D
 Acq On : 03 Dec 2024 16:27
 Operator : JC/MD
 Sample : P5006-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C6-3

Quant Time: Dec 04 00:10:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

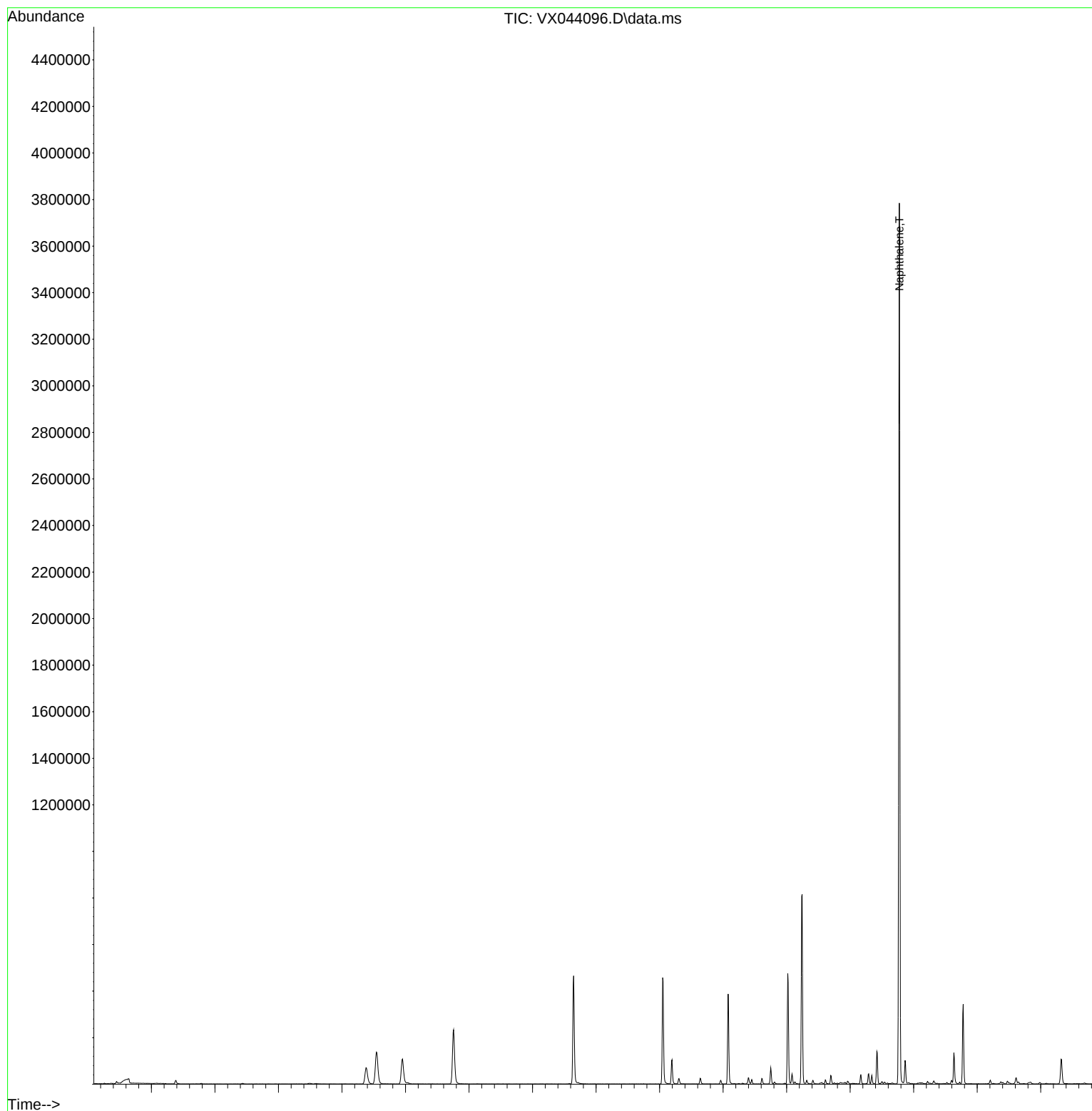
Internal Standards						
1) Pentafluorobenzene	5.544	168	118097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224861	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	199085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106228	52.444	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.880%			
35) Dibromofluoromethane	5.379	113	59586	37.085	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 74.160%#			
50) Toluene-d8	8.647	98	273575	49.394	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.780%			
62) 4-Bromofluorobenzene	11.079	95	99076	52.562	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.120%			
Target Compounds						
16) Acetone	2.380	43	16316	17.538	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	1762	1.015	ug/l #	6
67) Ethyl Benzene	10.195	91	62654	8.456	ug/l	97
69) o-Xylene	10.640	106	5145	1.907	ug/l	92
73) Isopropylbenzene	10.964	105	8444	1.218	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	6996	1.227	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	28947	5.099	ug/l	99
95) Naphthalene	13.774	128	2120679	328.812	ug/l	99

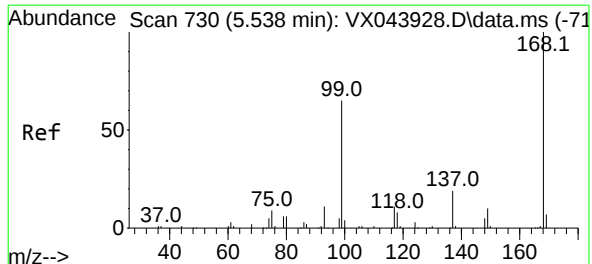
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044096.D
Acq On : 03 Dec 2024 16:27
Operator : JC/MD
Sample : P5006-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C6-3

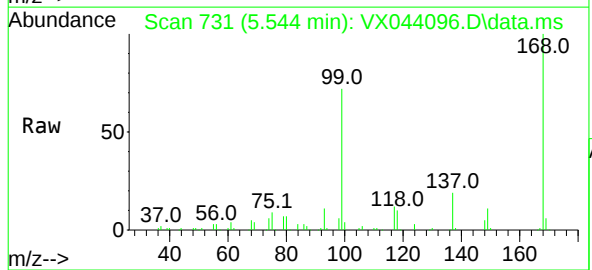
Quant Time: Dec 04 00:10:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



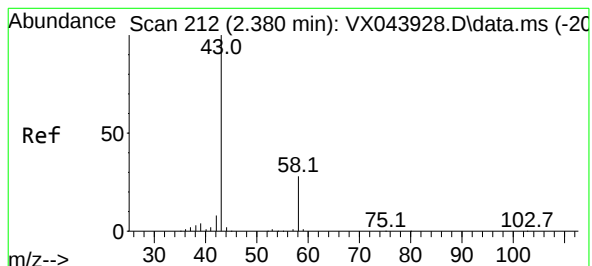
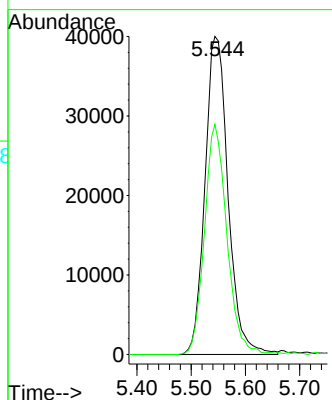
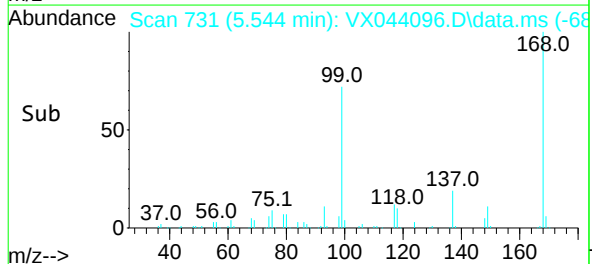


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044096.D
Acq: 03 Dec 2024 16:27

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C6-3

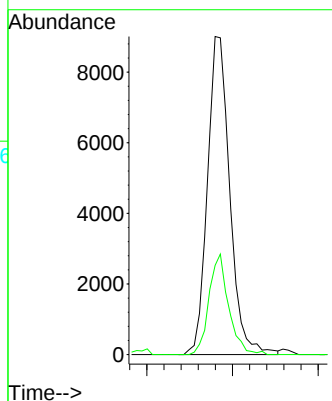
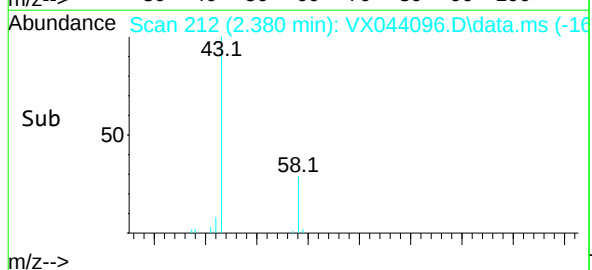
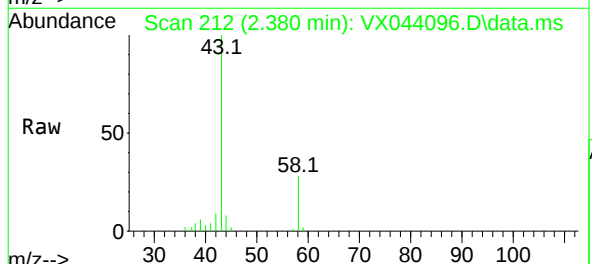


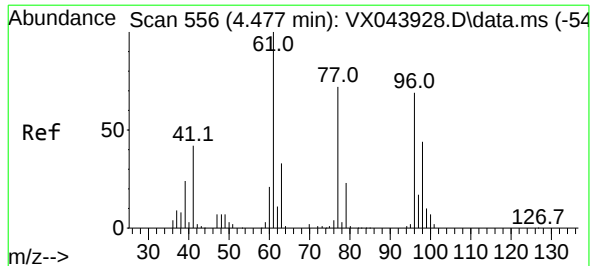
Tgt Ion: 168 Resp: 118097
Ion Ratio Lower Upper
168 100
99 72.4 51.8 77.8



#16
Acetone
Concen: 17.538 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044096.D
Acq: 03 Dec 2024 16:27

Tgt Ion: 43 Resp: 16316
Ion Ratio Lower Upper
43 100
58 28.0 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.015 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.030 min

Lab File: VX044096.D

Acq: 03 Dec 2024 16:27

Instrument :

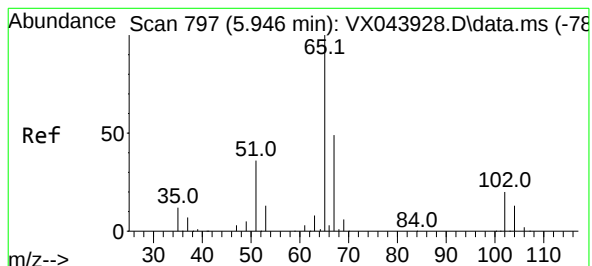
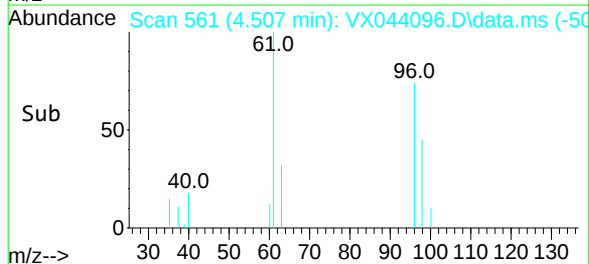
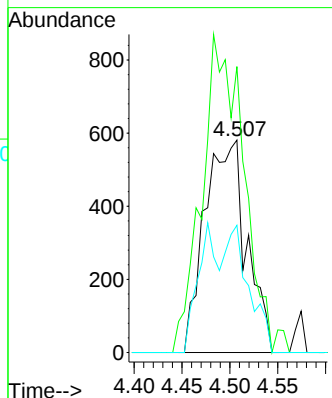
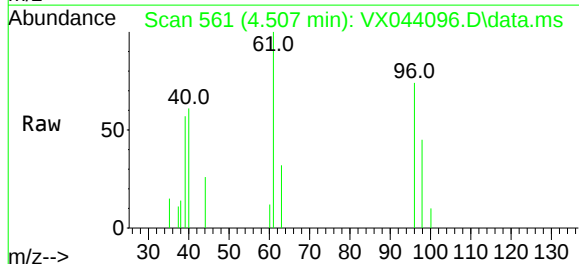
MSVOA_X

ClientSampleId :

SPLP-C6-3

Tgt Ion: 96 Resp: 1762

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	297.4
98	34.7	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 52.444 ug/l

RT: 5.952 min Scan# 798

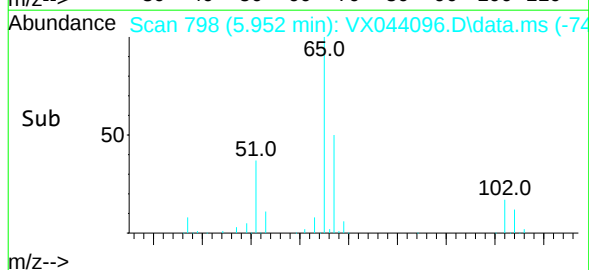
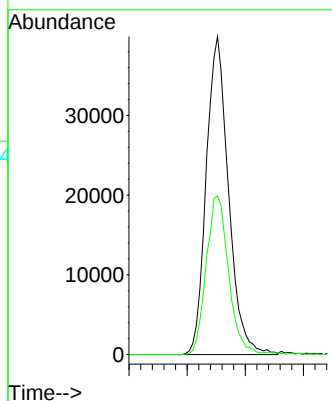
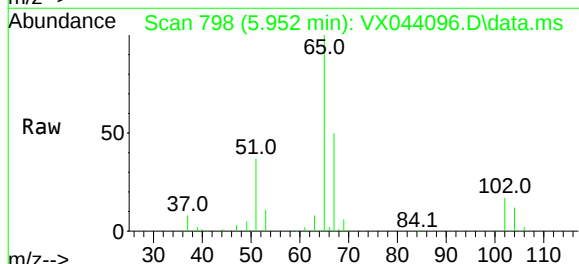
Delta R.T. 0.006 min

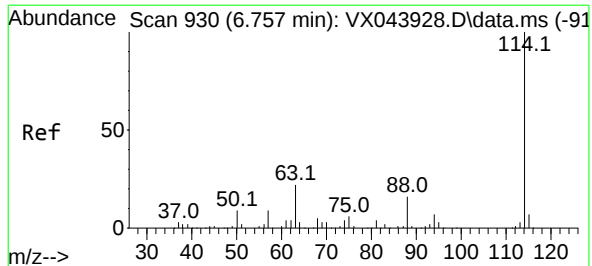
Lab File: VX044096.D

Acq: 03 Dec 2024 16:27

Tgt Ion: 65 Resp: 106228

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044096.D

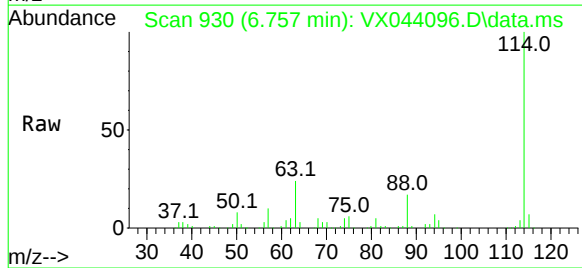
Acq: 03 Dec 2024 16:27

Instrument :

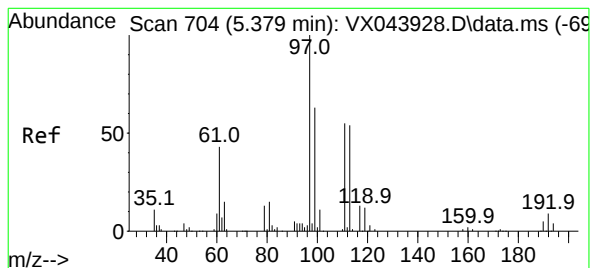
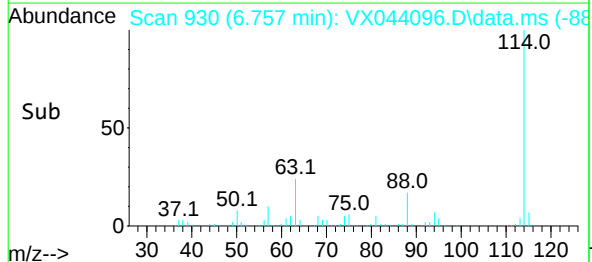
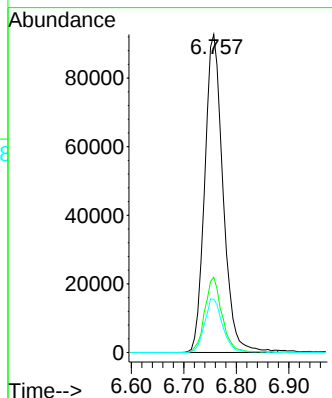
MSVOA_X

ClientSampleId :

SPLP-C6-3



Tgt Ion:	114	Resp:	224861
Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	44.0
88	16.7	0.0	32.4



#35

Dibromofluoromethane

Concen: 37.085 ug/l

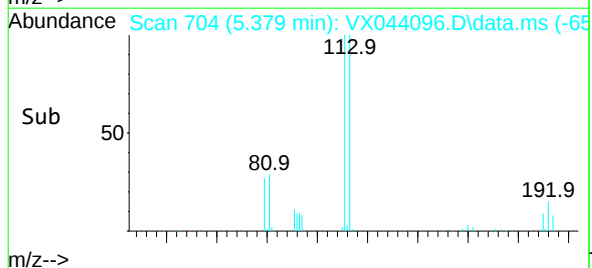
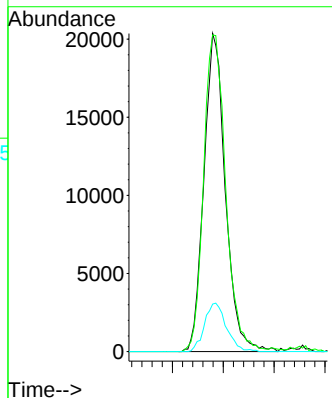
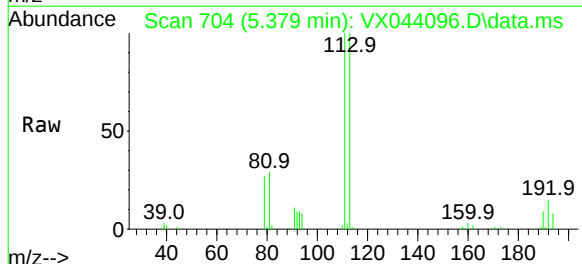
RT: 5.379 min Scan# 704

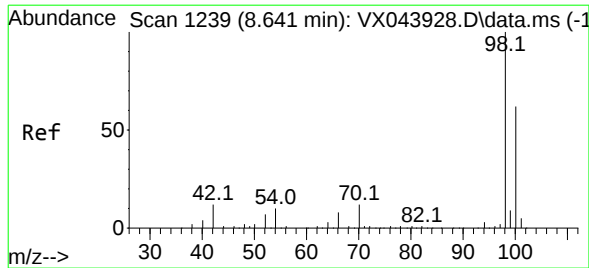
Delta R.T. -0.000 min

Lab File: VX044096.D

Acq: 03 Dec 2024 16:27

Tgt Ion:	113	Resp:	59586
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.0	121.4
192	15.6	13.0	19.6





#50

Toluene-d8

Concen: 49.394 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044096.D

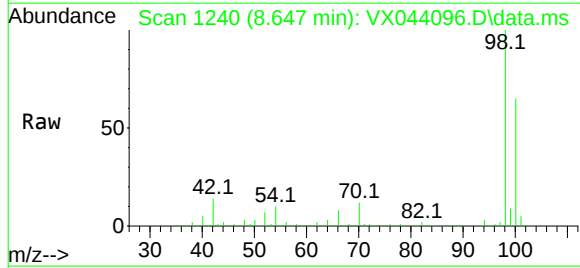
Acq: 03 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-3

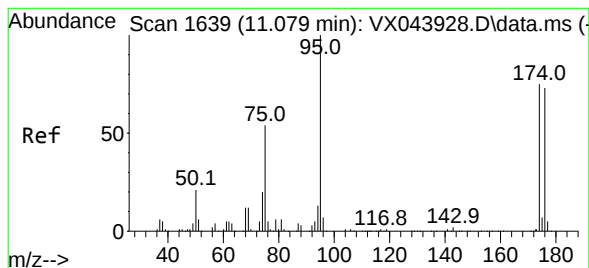
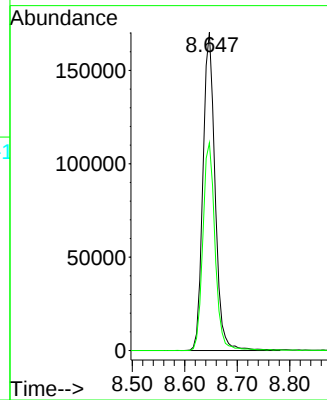
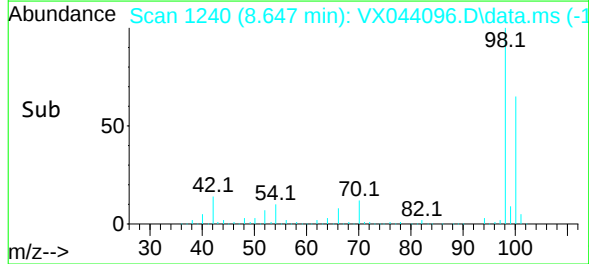


Tgt Ion: 98 Resp: 273575

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0



#62

4-Bromofluorobenzene

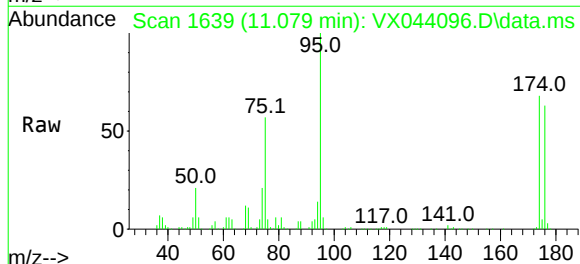
Concen: 52.562 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044096.D

Acq: 03 Dec 2024 16:27



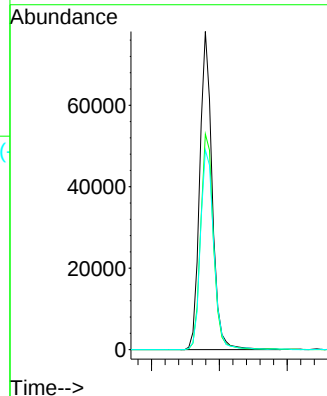
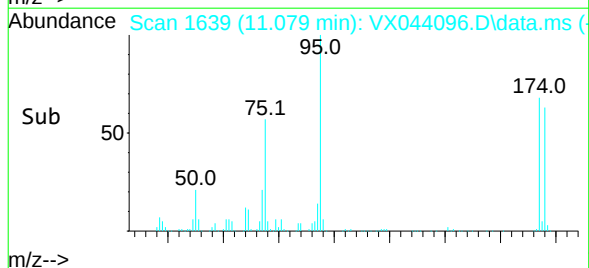
Tgt Ion: 95 Resp: 99076

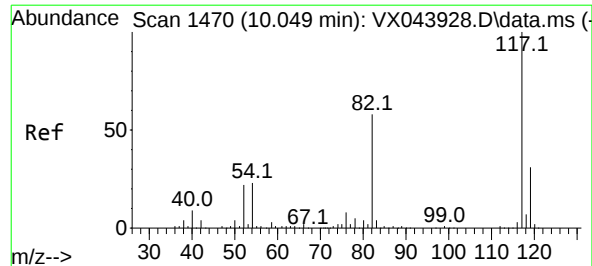
Ion Ratio Lower Upper

95 100

174 70.1 0.0 150.4

176 67.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 14

Delta R.T. -0.000 min

Lab File: VX044096.D

Acq: 03 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-3

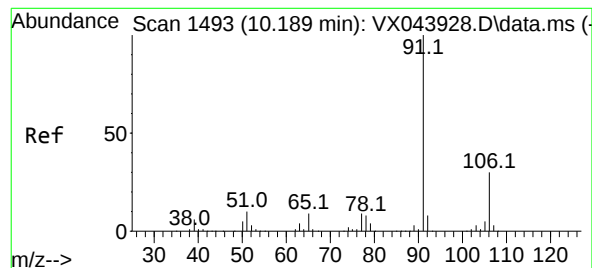
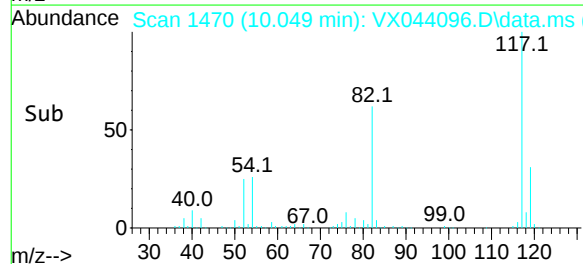
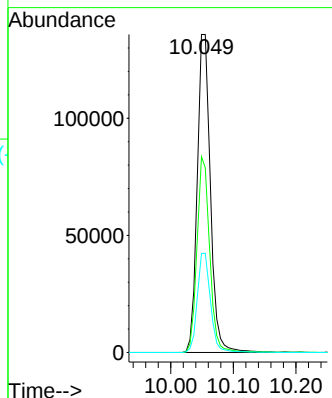
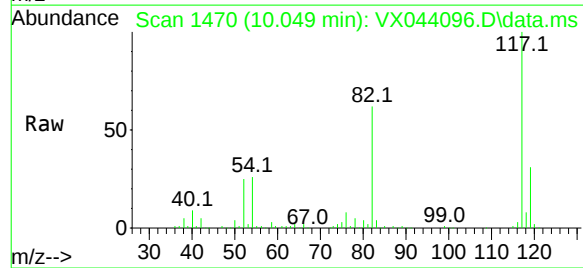
Tgt Ion:117 Resp: 199085

Ion Ratio Lower Upper

117 100

82 61.6 46.4 69.6

119 31.1 24.6 37.0



#67

Ethyl Benzene

Concen: 8.456 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044096.D

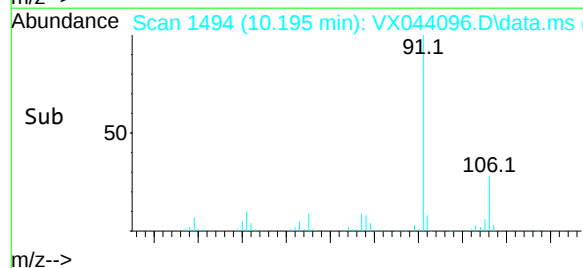
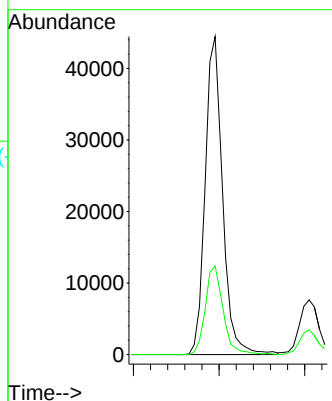
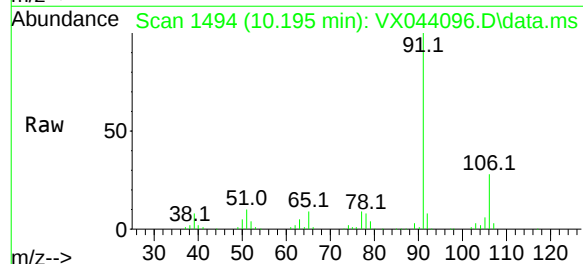
Acq: 03 Dec 2024 16:27

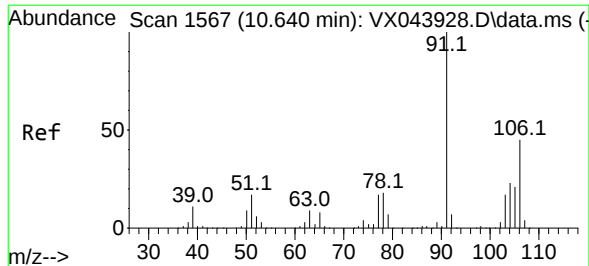
Tgt Ion: 91 Resp: 62654

Ion Ratio Lower Upper

91 100

106 27.9 23.6 35.4





#69

o-Xylene

Concen: 1.907 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044096.D

Acq: 03 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

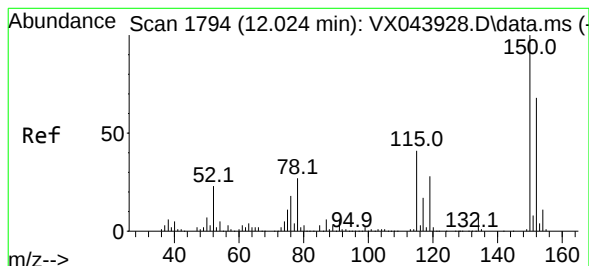
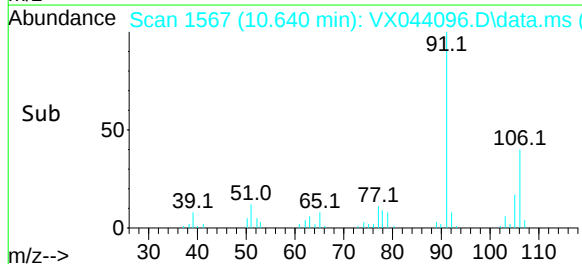
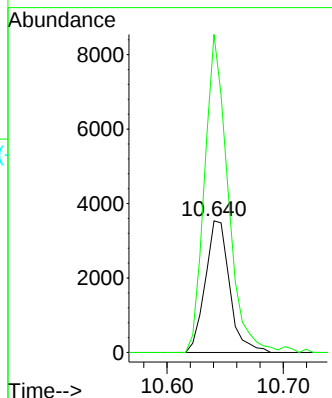
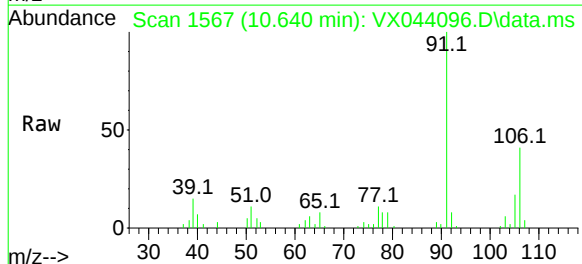
SPLP-C6-3

Tgt Ion:106 Resp: 5145

Ion Ratio Lower Upper

106 100

91 234.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044096.D

Acq: 03 Dec 2024 16:27

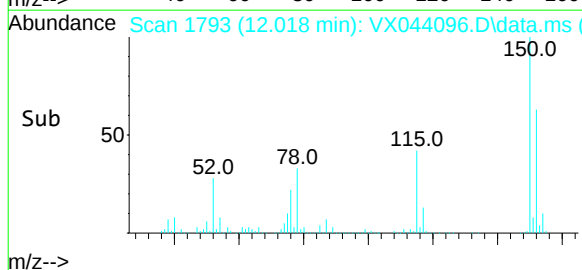
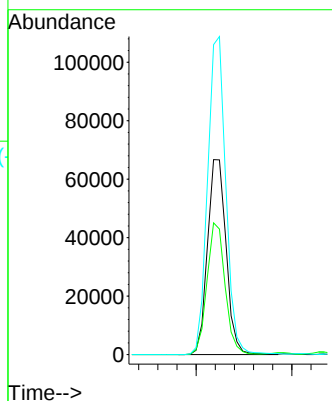
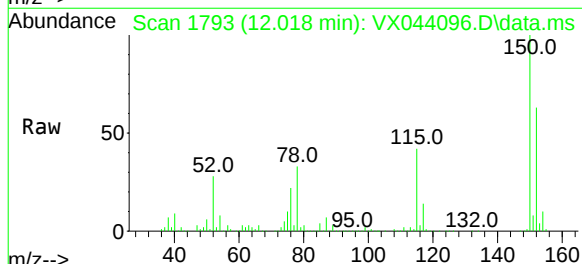
Tgt Ion:152 Resp: 90167

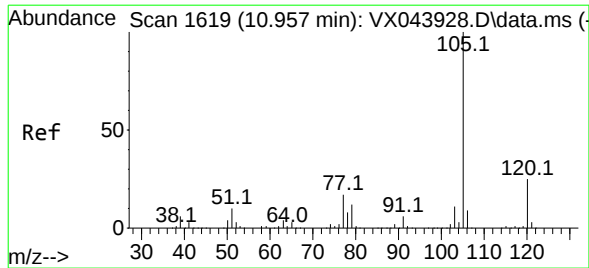
Ion Ratio Lower Upper

152 100

115 65.6 45.4 136.2

150 159.7 0.0 353.0





#73

Isopropylbenzene

Concen: 1.218 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044096.D

Acq: 03 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

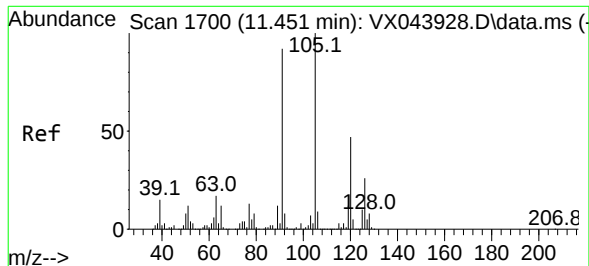
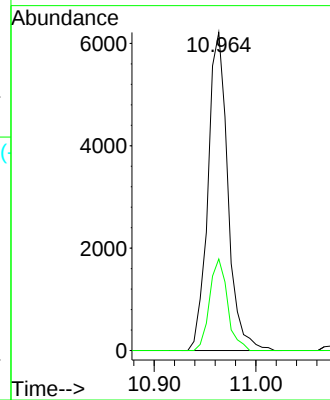
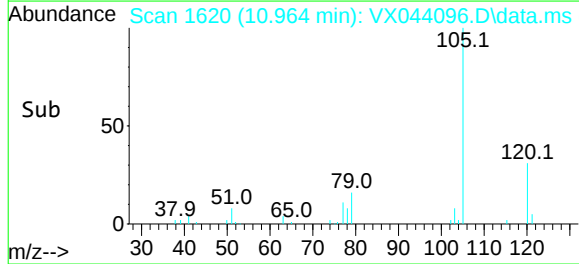
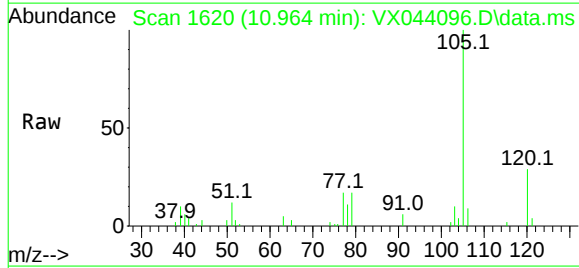
SPLP-C6-3

Tgt Ion:105 Resp: 8444

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.227 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044096.D

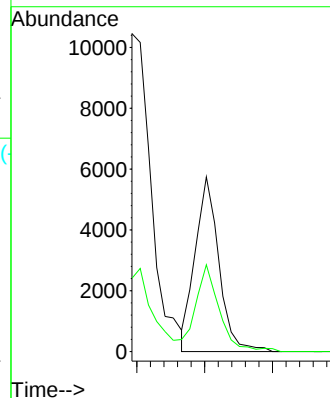
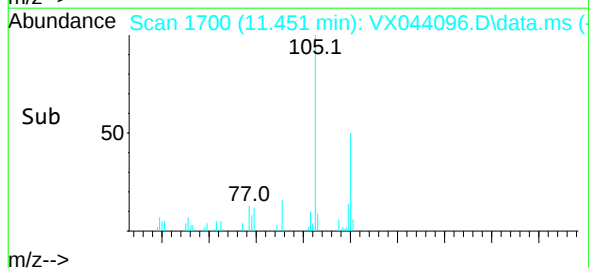
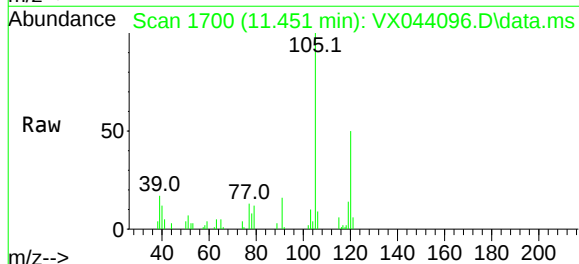
Acq: 03 Dec 2024 16:27

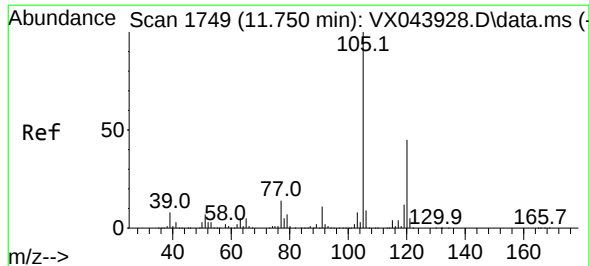
Tgt Ion:105 Resp: 6996

Ion Ratio Lower Upper

105 100

120 51.1 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 5.099 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044096.D

Acq: 03 Dec 2024 16:27

Instrument :

MSVOA_X

ClientSampleId :

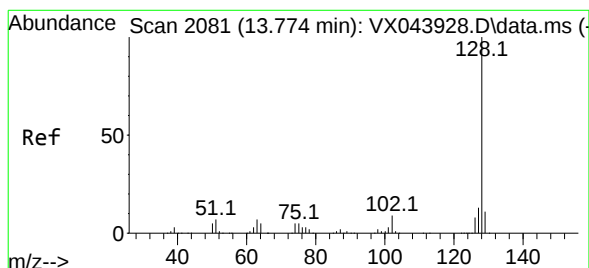
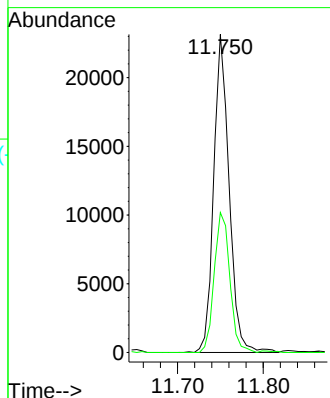
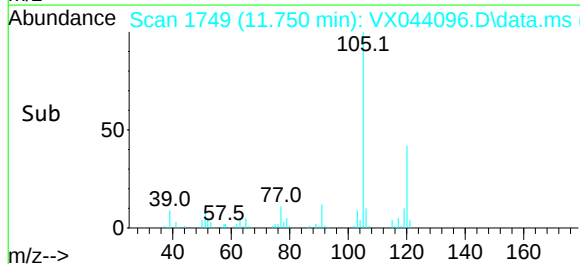
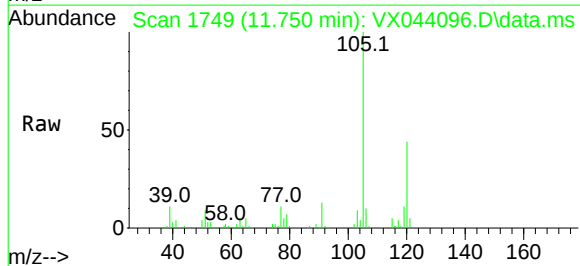
SPLP-C6-3

Tgt Ion:105 Resp: 28947

Ion Ratio Lower Upper

105 100

120 44.6 21.9 65.7



#95

Naphthalene

Concen: 328.812 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044096.D

Acq: 03 Dec 2024 16:27

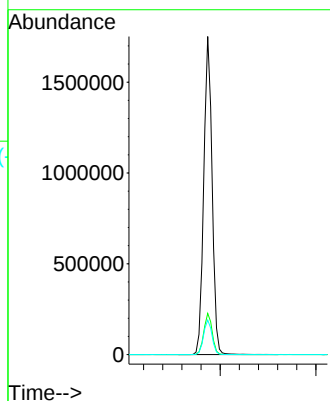
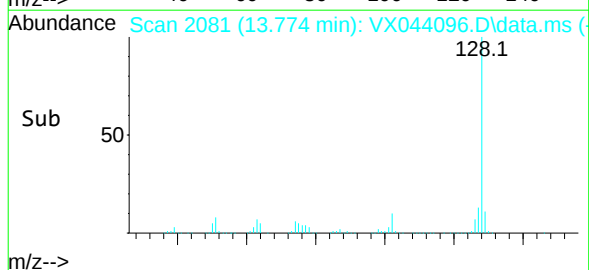
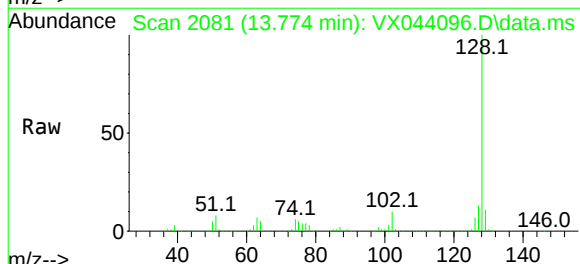
Tgt Ion:128 Resp: 2120679

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.6 12.8



Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C6-3RE		SDG No.:	P5006	
Lab Sample ID:	P5006-08RE		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044123.D	1		12/04/24 17:38	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	20.5	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.00	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-08RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044123.D	1		12/04/24 17:38	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	9.00		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	2.20	J	0.31	10.0	ug/L
95-47-6	o-Xylene	2.20	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	1.20	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	34.7	*	70 (75) - 130 (124)	69%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108000	5.55			
540-36-3	1,4-Difluorobenzene	212000	6.757			
3114-55-4	Chlorobenzene-d5	187000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	86000	12.024			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C6-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-08RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044123.D	1		12/04/24 17:38	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044123.D
 Acq On : 04 Dec 2024 17:38
 Operator : JC/MD
 Sample : P5006-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C6-3RE

Quant Time: Dec 05 00:32:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

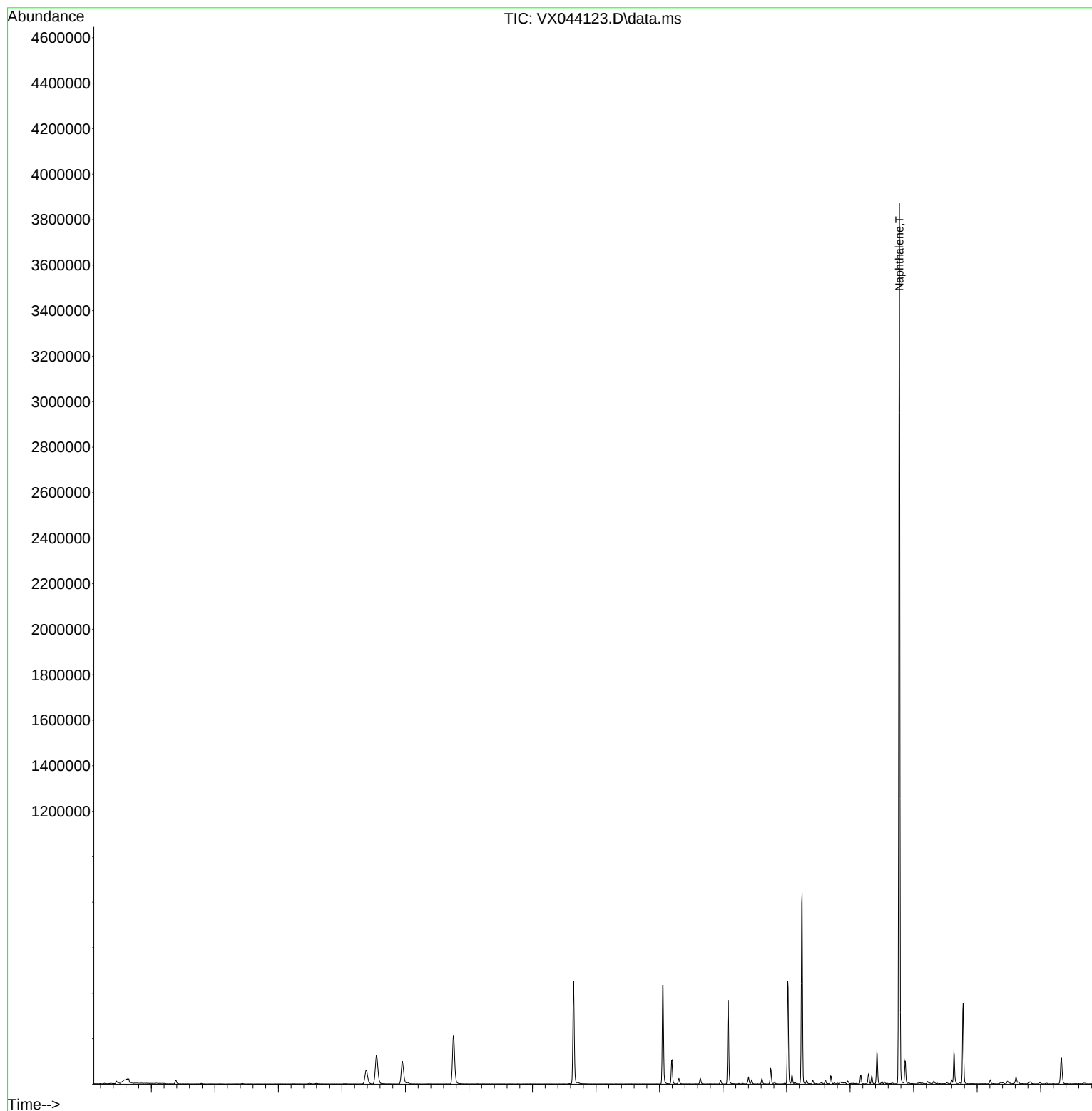
Internal Standards						
1) Pentafluorobenzene	5.550	168	108195	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	212238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	97519	52.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.100%			
35) Dibromofluoromethane	5.385	113	52592	34.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 69.360%#			
50) Toluene-d8	8.647	98	259809	49.699	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.400%			
62) 4-Bromofluorobenzene	11.079	95	92267	51.861	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.720%			
Target Compounds						
16) Acetone	2.386	43	17474	20.502	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	1632	1.026	ug/l	92
67) Ethyl Benzene	10.195	91	62249	8.961	ug/l	100
68) m/p-Xylenes	10.305	106	5664	2.187	ug/l	94
69) o-Xylene	10.640	106	5646	2.232	ug/l	97
73) Isopropylbenzene	10.957	105	8047	1.218	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	6975	1.283	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	29252	5.404	ug/l	99
95) Naphthalene	13.774	128	2128069	346.046	ug/l	99

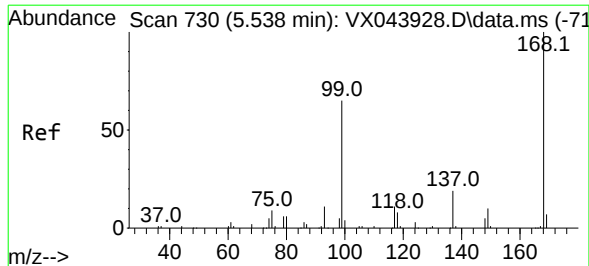
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044123.D
Acq On : 04 Dec 2024 17:38
Operator : JC/MD
Sample : P5006-08RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C6-3RE

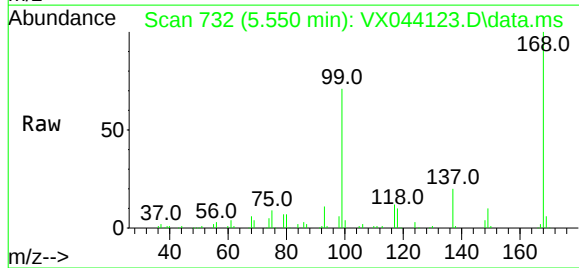
Quant Time: Dec 05 00:32:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



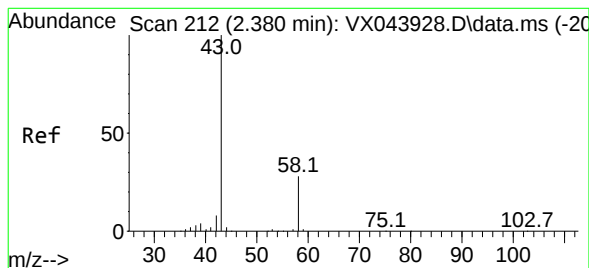
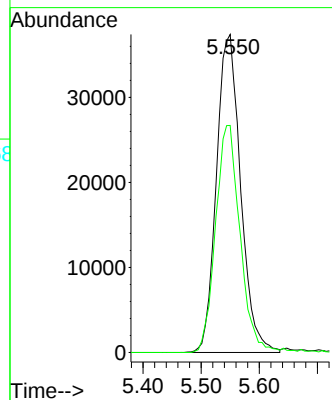
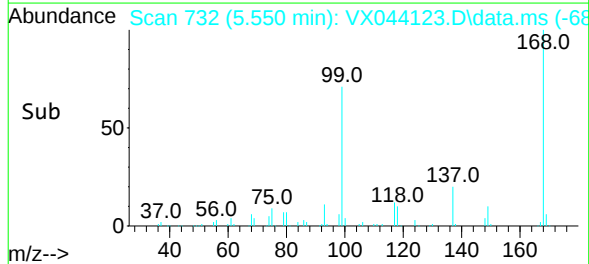


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044123.D
Acq: 04 Dec 2024 17:38

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C6-3RE

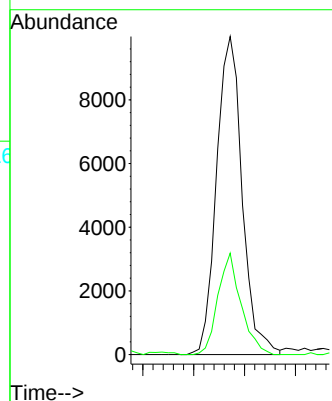
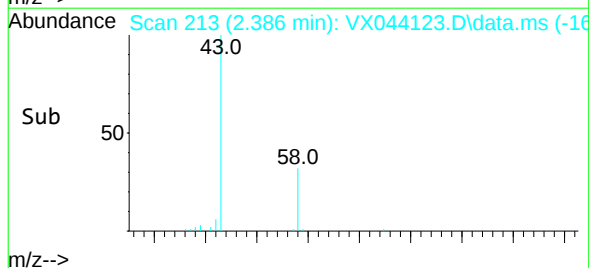
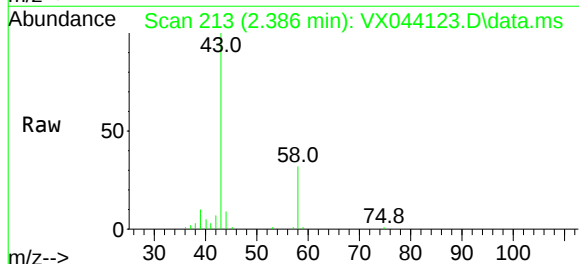


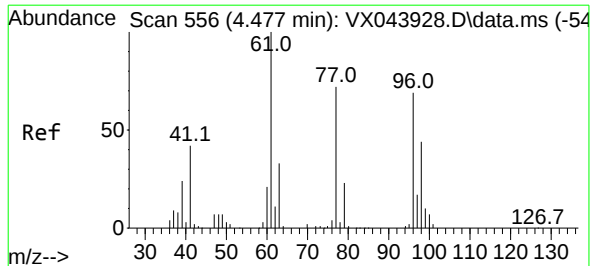
Tgt Ion: 168 Resp: 108195
Ion Ratio Lower Upper
168 100
99 71.4 51.8 77.8



#16
Acetone
Concen: 20.502 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044123.D
Acq: 04 Dec 2024 17:38

Tgt Ion: 43 Resp: 17474
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.026 ug/l

RT: 4.489 min Scan# 55

Delta R.T. 0.012 min

Lab File: VX044123.D

Acq: 04 Dec 2024 17:38

Instrument :

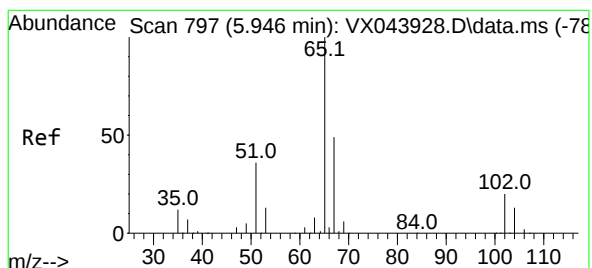
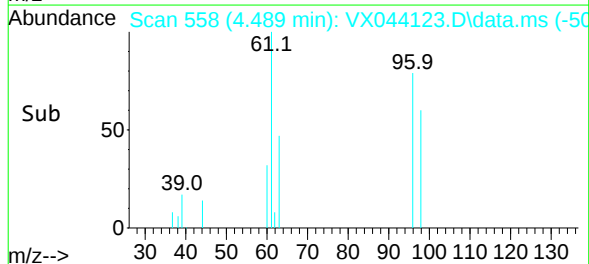
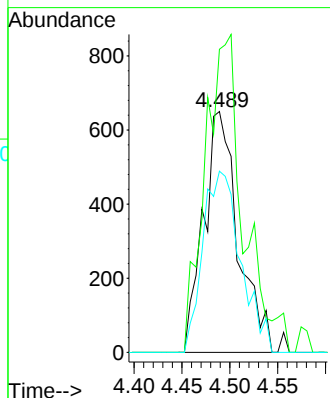
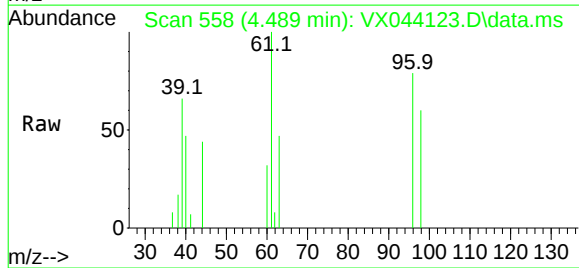
MSVOA_X

ClientSampleId :

SPLP-C6-3RE

Tgt Ion: 96 Resp: 1632

Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	297.4
98	82.2	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 52.550 ug/l

RT: 5.952 min Scan# 798

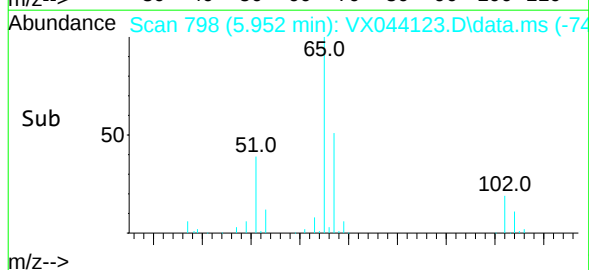
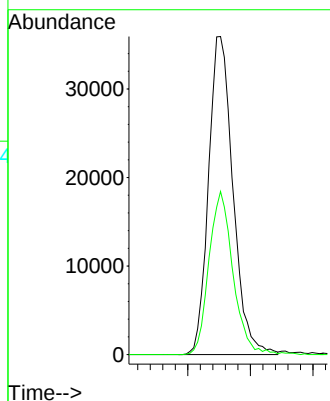
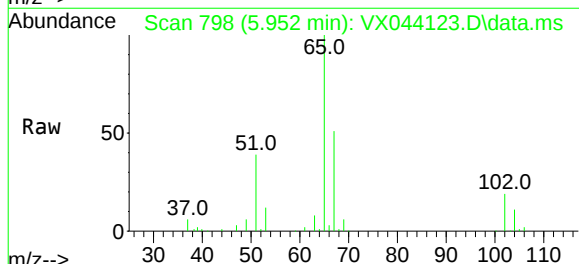
Delta R.T. 0.006 min

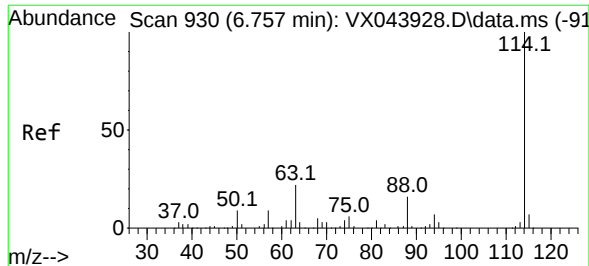
Lab File: VX044123.D

Acq: 04 Dec 2024 17:38

Tgt Ion: 65 Resp: 97519

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044123.D

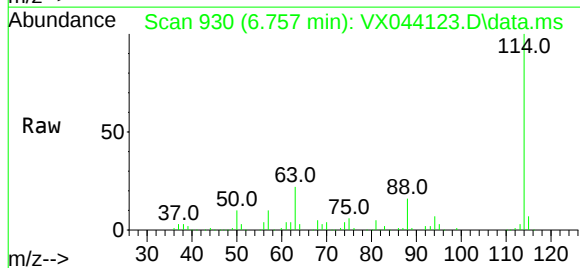
Acq: 04 Dec 2024 17:38

Instrument :

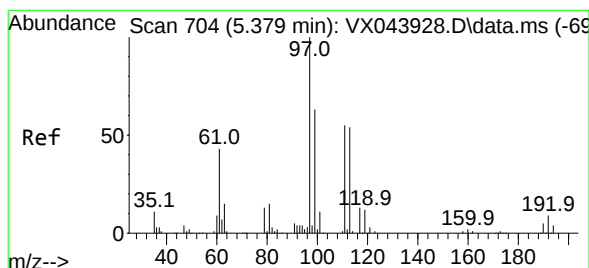
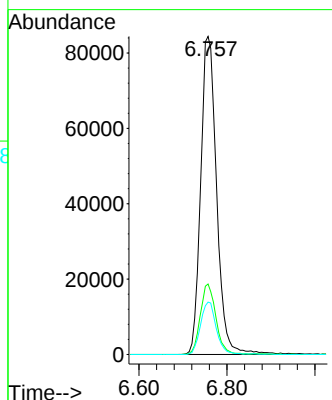
MSVOA_X

ClientSampleId :

SPLP-C6-3RE



Tgt Ion:	114	Resp:	212238
Ion	Ratio	Lower	Upper
114	100		
63	22.2	0.0	44.0
88	16.5	0.0	32.4



#35

Dibromofluoromethane

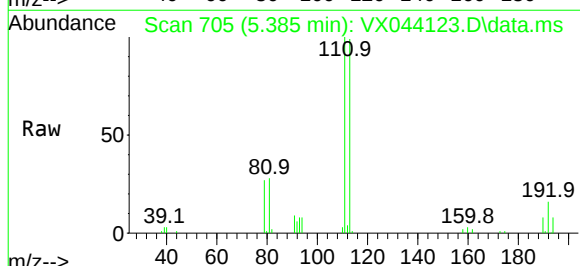
Concen: 34.679 ug/l

RT: 5.385 min Scan# 705

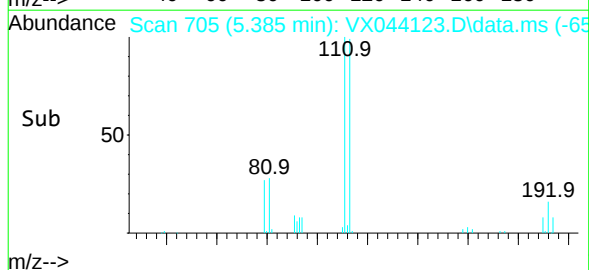
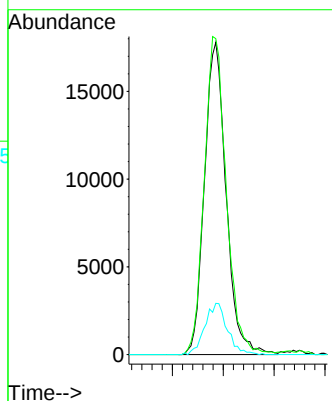
Delta R.T. 0.006 min

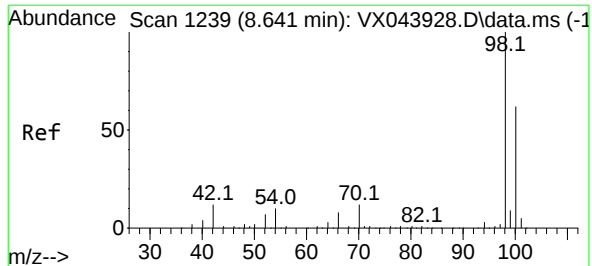
Lab File: VX044123.D

Acq: 04 Dec 2024 17:38



Tgt Ion:	113	Resp:	52592
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.0	121.4
192	17.0	13.0	19.6





#50

Toluene-d8

Concen: 49.699 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044123.D

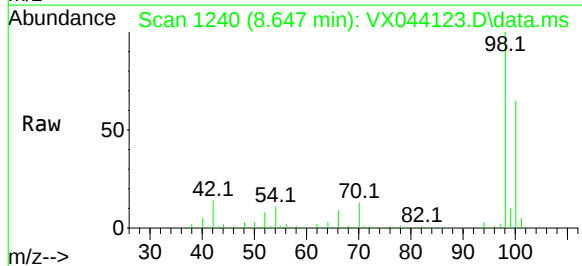
Acq: 04 Dec 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-3RE

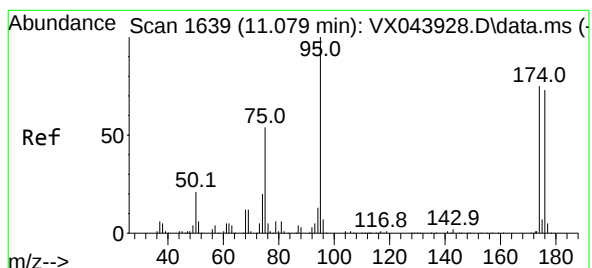
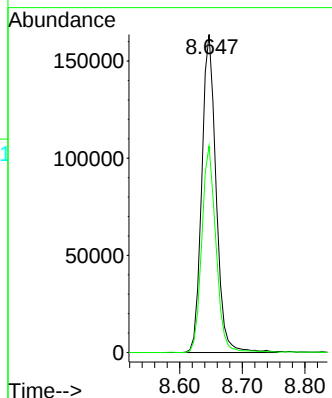
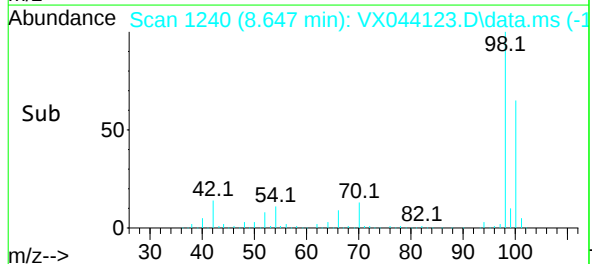


Tgt Ion: 98 Resp: 259809

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 51.861 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044123.D

Acq: 04 Dec 2024 17:38

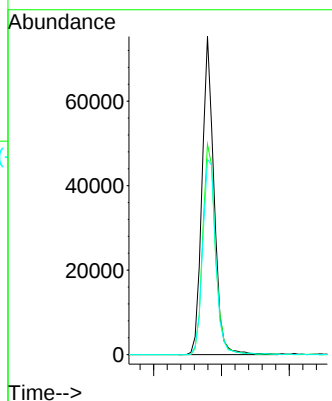
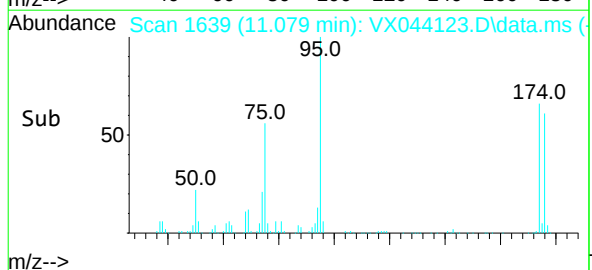
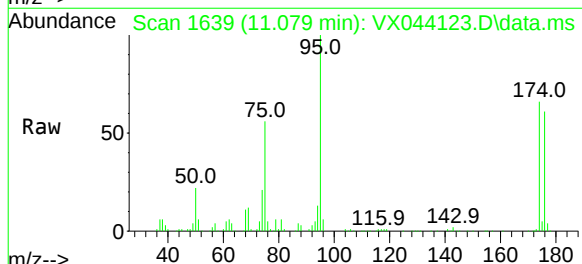
Tgt Ion: 95 Resp: 92267

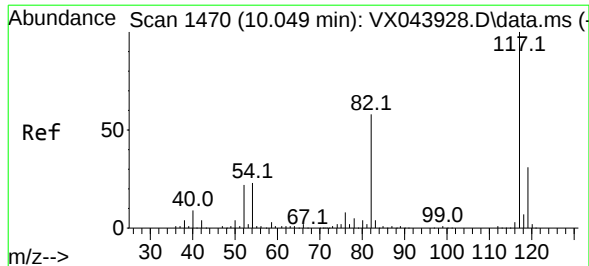
Ion Ratio Lower Upper

95 100

174 70.3 0.0 150.4

176 67.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044123.D

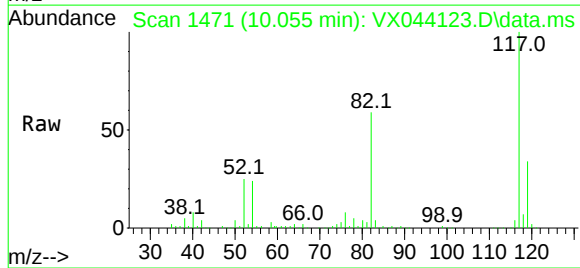
Acq: 04 Dec 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-3RE



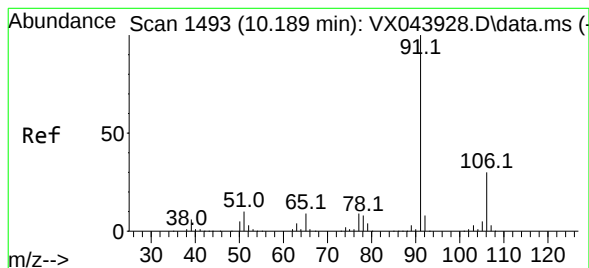
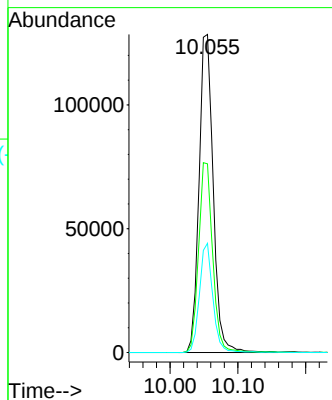
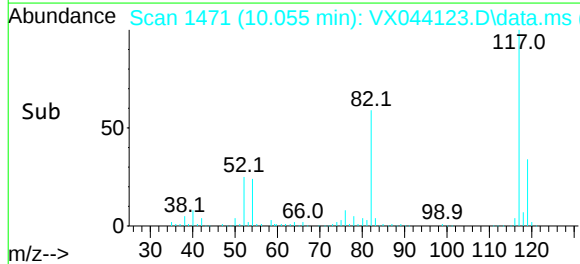
Tgt Ion:117 Resp: 186649

Ion Ratio Lower Upper

117 100

82 59.3 46.4 69.6

119 34.3 24.6 37.0



#67

Ethyl Benzene

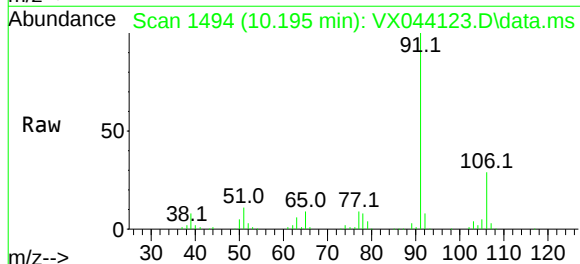
Concen: 8.961 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044123.D

Acq: 04 Dec 2024 17:38

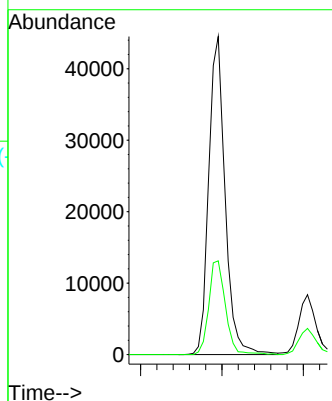
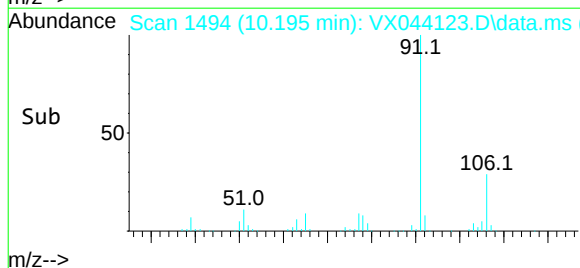


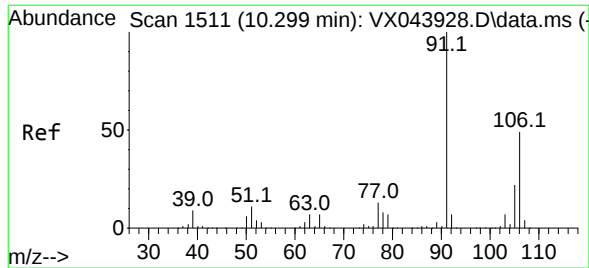
Tgt Ion: 91 Resp: 62249

Ion Ratio Lower Upper

91 100

106 29.5 23.6 35.4





#68

m/p-Xylenes

Concen: 2.187 ug/l

RT: 10.305 min Scan# 1511

Delta R.T. 0.006 min

Lab File: VX044123.D

Acq: 04 Dec 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

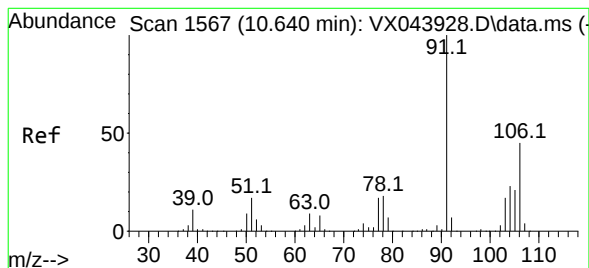
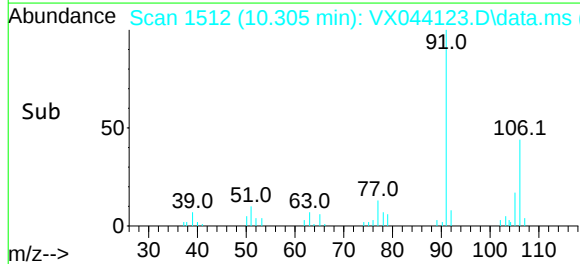
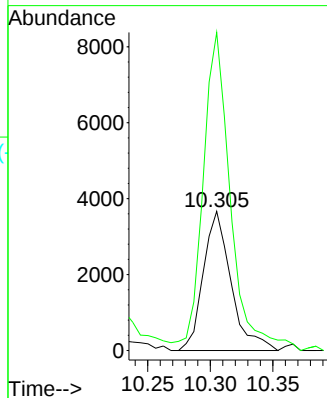
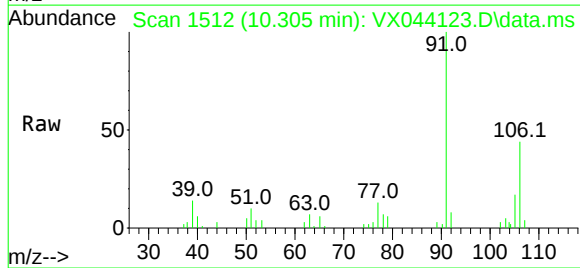
SPLP-C6-3RE

Tgt Ion:106 Resp: 5664

Ion Ratio Lower Upper

106 100

91 220.1 168.1 252.1



#69

o-Xylene

Concen: 2.232 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044123.D

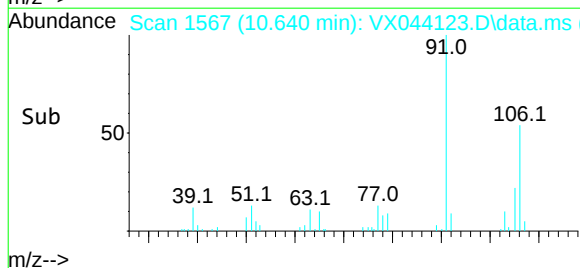
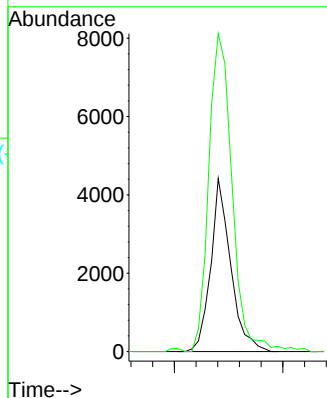
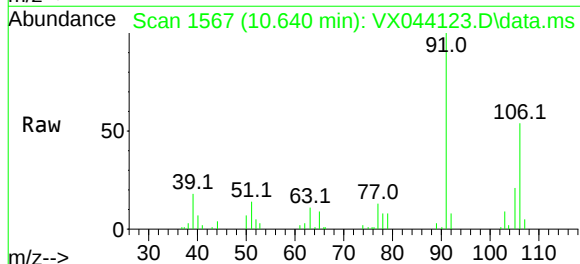
Acq: 04 Dec 2024 17:38

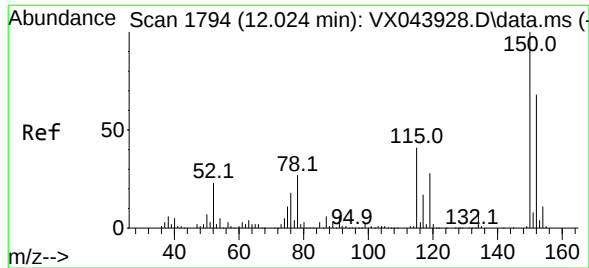
Tgt Ion:106 Resp: 5646

Ion Ratio Lower Upper

106 100

91 215.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044123.D

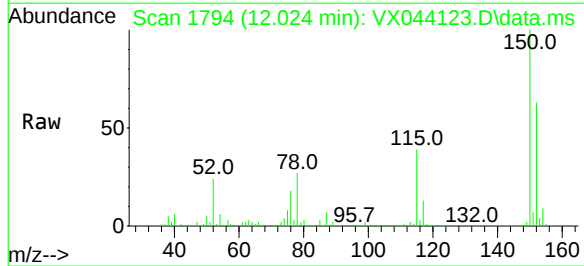
Acq: 04 Dec 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-3RE



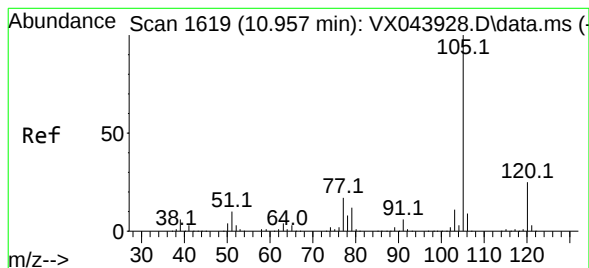
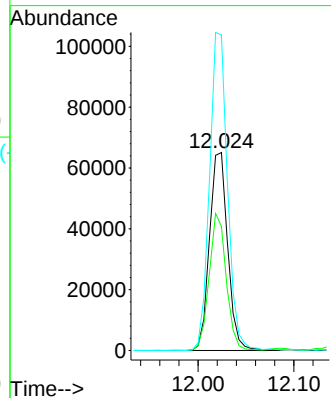
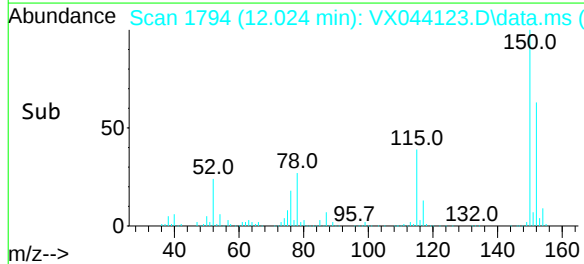
Tgt Ion:152 Resp: 85975

Ion Ratio Lower Upper

152 100

115 65.0 45.4 136.2

150 159.1 0.0 353.0



#73

Isopropylbenzene

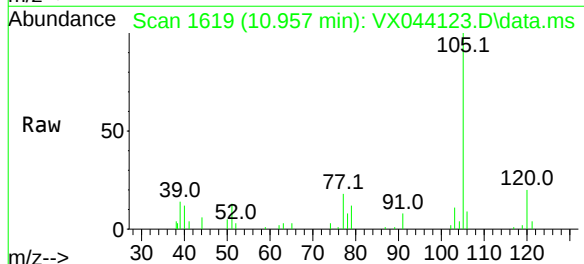
Concen: 1.218 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044123.D

Acq: 04 Dec 2024 17:38

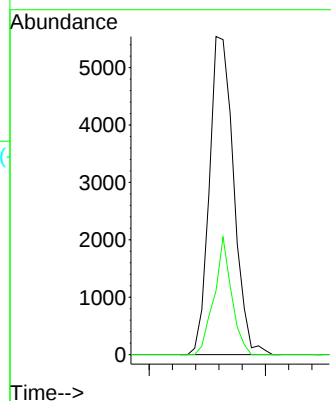
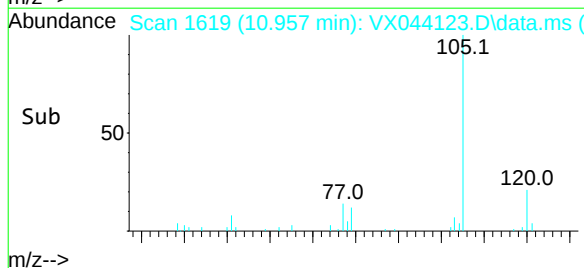


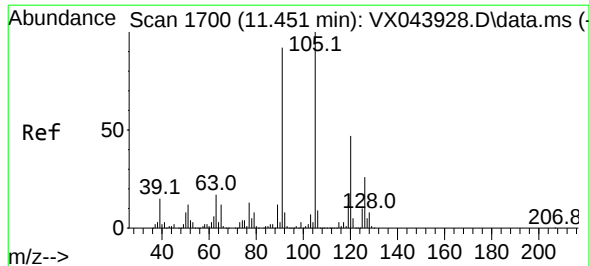
Tgt Ion:105 Resp: 8047

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 1.283 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044123.D

Acq: 04 Dec 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

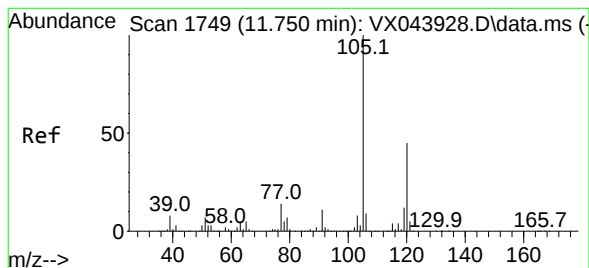
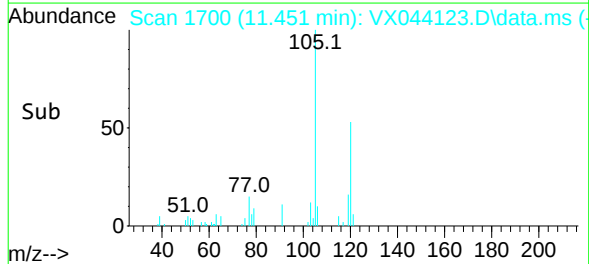
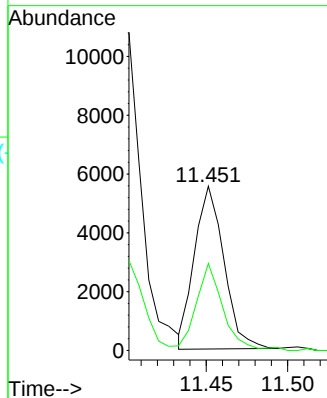
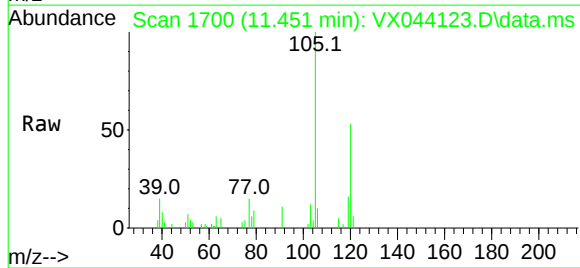
SPLP-C6-3RE

Tgt Ion:105 Resp: 6975

Ion Ratio Lower Upper

105 100

120 48.9 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 5.404 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044123.D

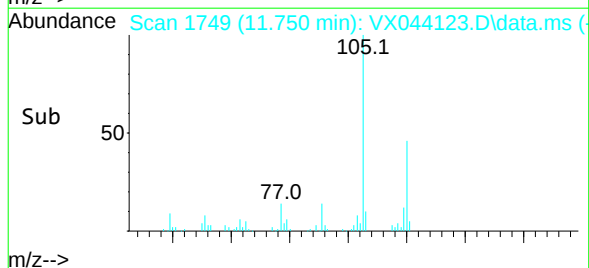
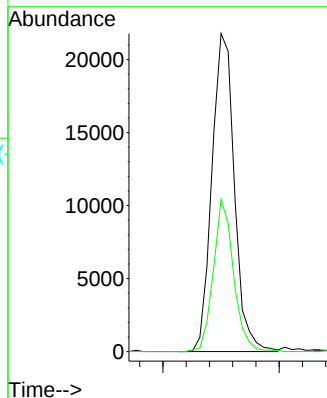
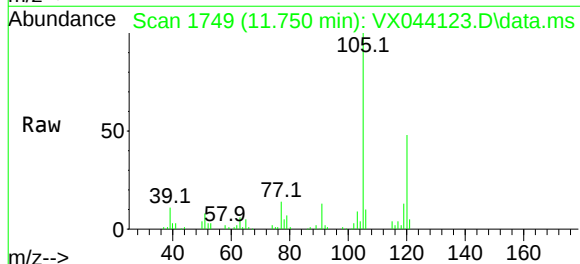
Acq: 04 Dec 2024 17:38

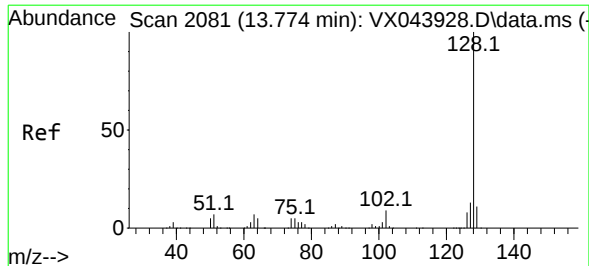
Tgt Ion:105 Resp: 29252

Ion Ratio Lower Upper

105 100

120 43.1 21.9 65.7





#95

Naphthalene

Concen: 346.046 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044123.D

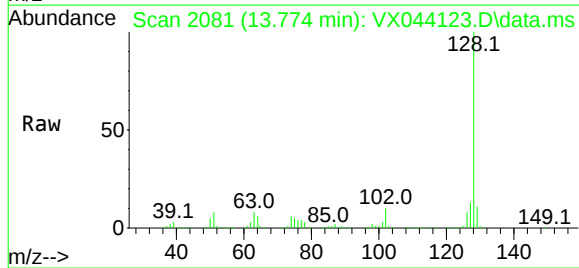
Acq: 04 Dec 2024 17:38

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C6-3RE



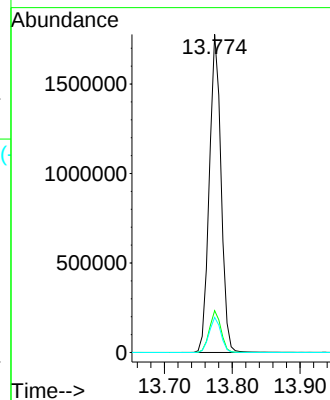
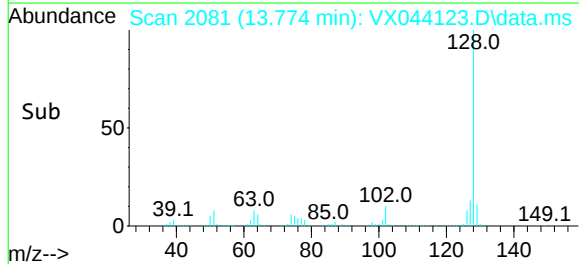
Tgt Ion:128 Resp: 2128069

Ion	Ratio	Lower	Upper
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128	100		
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127	13.0	10.2	15.2
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129	11.1	8.6	12.8
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-1	SDG No.:	P5006
Lab Sample ID:	P5006-09	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044097.D	1		12/03/24 16:51	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	21.6	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	6.20		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	23.8		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	1.30	J	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	80.3		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-1	SDG No.:	P5006
Lab Sample ID:	P5006-09	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044097.D	1		12/03/24 16:51	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	210	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	80.4		0.31	10.0	ug/L
95-47-6	o-Xylene	62.8		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	9.70		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	36.8		70 (75) - 130 (124)	74%	SPK: 50
2037-26-5	Toluene-d8	50.1		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114000	5.544			
540-36-3	1,4-Difluorobenzene	225000	6.757			
3114-55-4	Chlorobenzene-d5	195000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	94500	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-1	SDG No.:	P5006
Lab Sample ID:	P5006-09	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044097.D	1		12/03/24 16:51	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044097.D
 Acq On : 03 Dec 2024 16:51
 Operator : JC/MD
 Sample : P5006-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C10-1

Quant Time: Dec 04 00:11:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

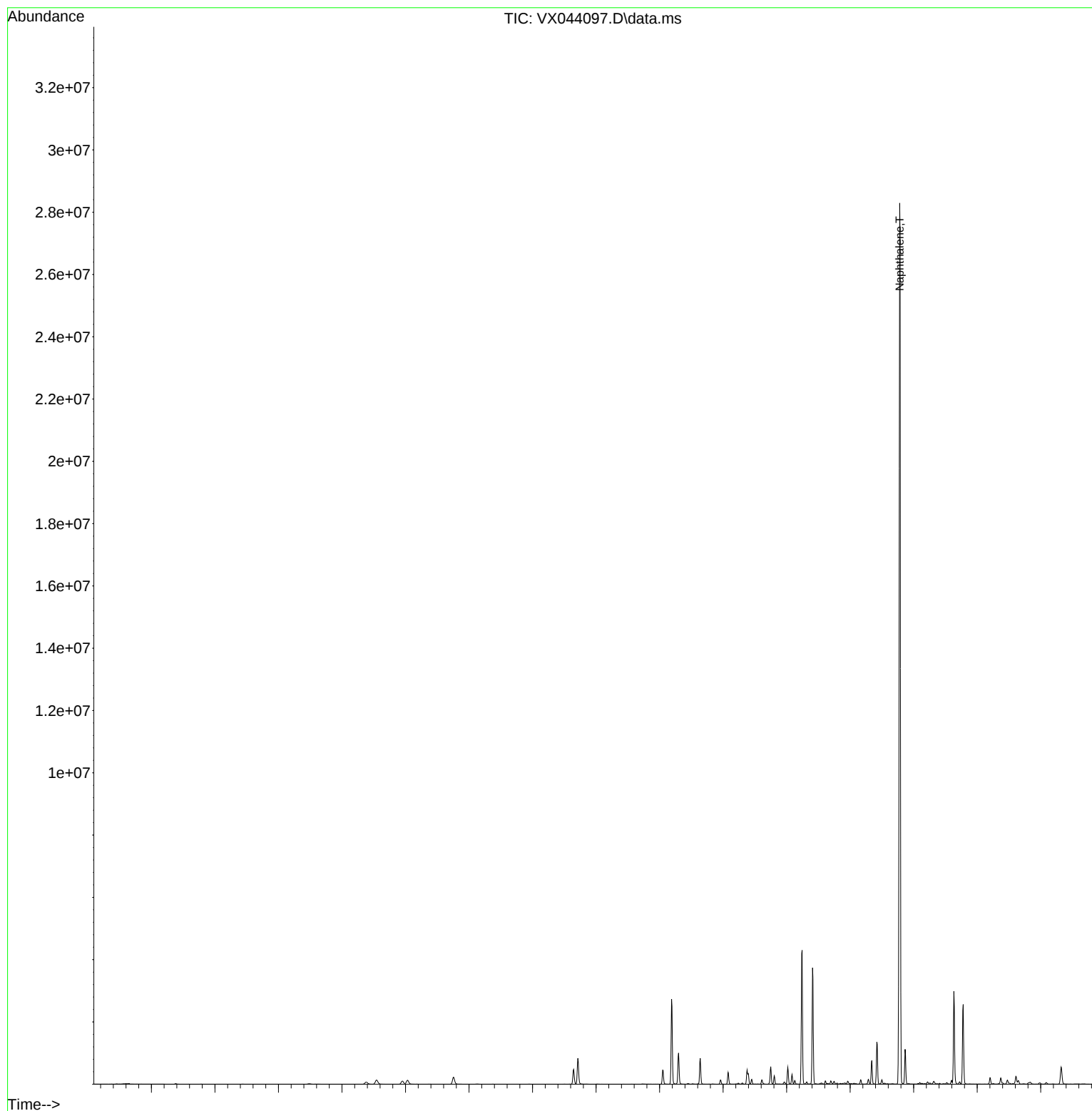
Internal Standards						
1) Pentafluorobenzene	5.544	168	114433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	224500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	195198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102680	52.315	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.640%			
35) Dibromofluoromethane	5.379	113	59069	36.822	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 73.640%#			
50) Toluene-d8	8.647	98	277181	50.126	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.079	95	96173	51.104	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.200%			
Target Compounds						
						Qvalue
16) Acetone	2.380	43	19429	21.553	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	10482	6.229	ug/l	89
40) Benzene	6.031	78	148058	23.778	ug/l	100
44) Trichloroethene	7.135	130	2262	1.283	ug/l	82
52) Toluene	8.714	92	299282	80.304	ug/l	99
67) Ethyl Benzene	10.189	91	1545543	212.753	ug/l	99
68) m/p-Xylenes	10.299	106	217708	80.362	ug/l	96
69) o-Xylene	10.640	106	166235	62.848	ug/l	96
73) Isopropylbenzene	10.963	105	70249	9.667	ug/l	99
78) n-propylbenzene	11.305	91	23497	2.895	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	65595	10.972	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	235880	39.629	ug/l	99
95) Naphthalene	13.780	128	13981975	2067.716	ug/l #	85

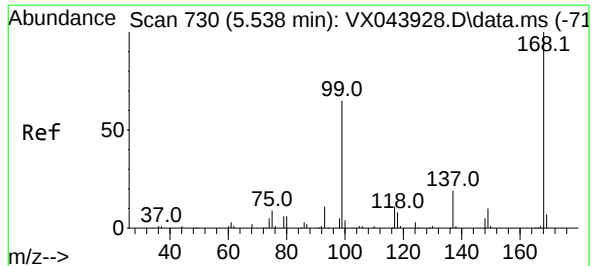
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044097.D
Acq On : 03 Dec 2024 16:51
Operator : JC/MD
Sample : P5006-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-1

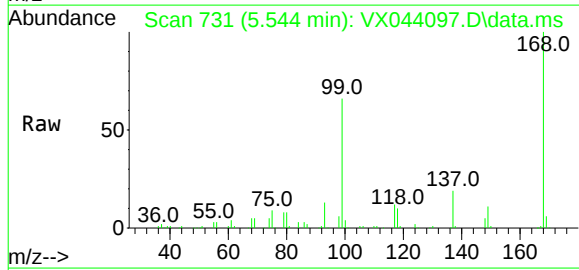
Quant Time: Dec 04 00:11:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



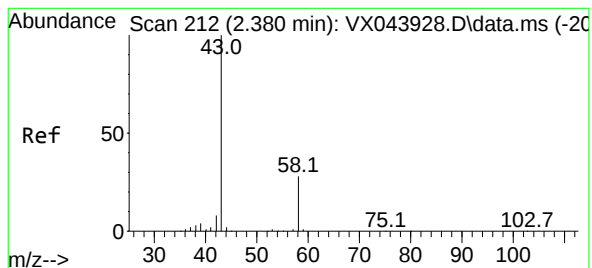
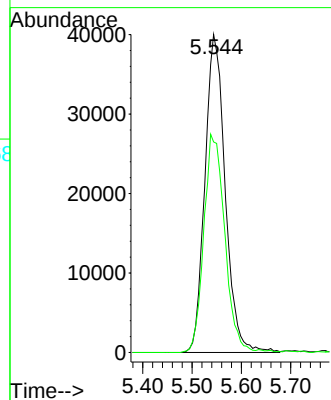
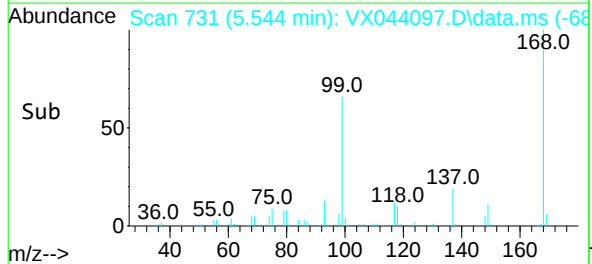


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 730
Delta R.T. 0.006 min
Lab File: VX044097.D
Acq: 03 Dec 2024 16:51

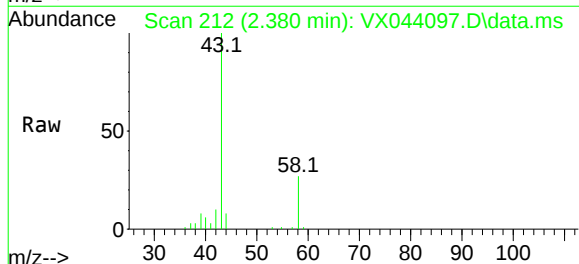
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-1



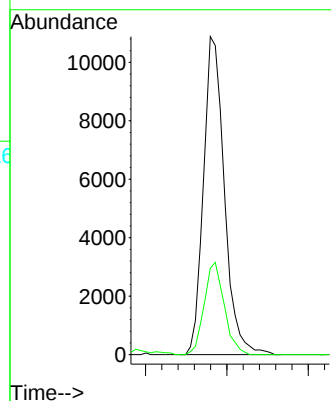
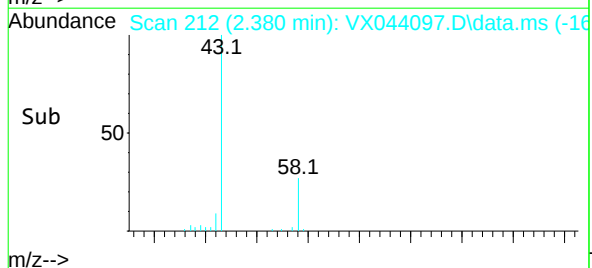
Tgt Ion: 168 Resp: 114433
Ion Ratio Lower Upper
168 100
99 66.2 51.8 77.8

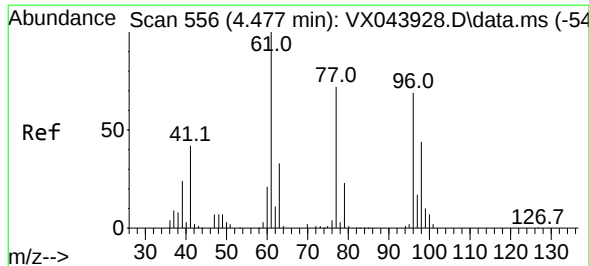


#16
Acetone
Concen: 21.553 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044097.D
Acq: 03 Dec 2024 16:51



Tgt Ion: 43 Resp: 19429
Ion Ratio Lower Upper
43 100
58 27.2 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 6.229 ug/l

RT: 4.483 min Scan# 55

Delta R.T. 0.006 min

Lab File: VX044097.D

Acq: 03 Dec 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1

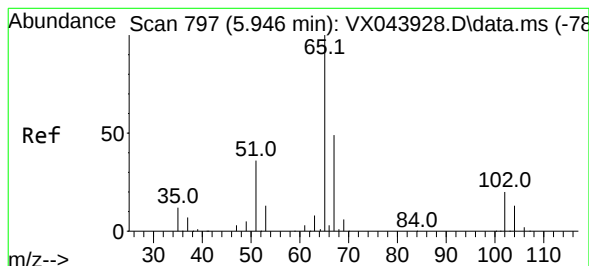
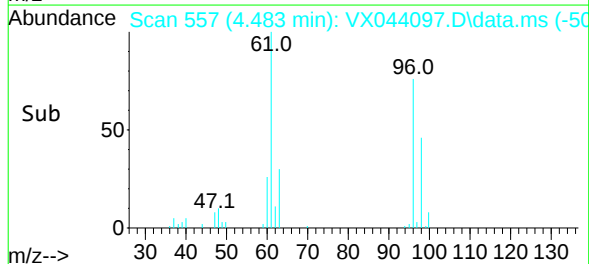
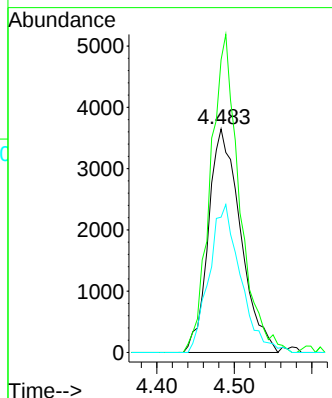
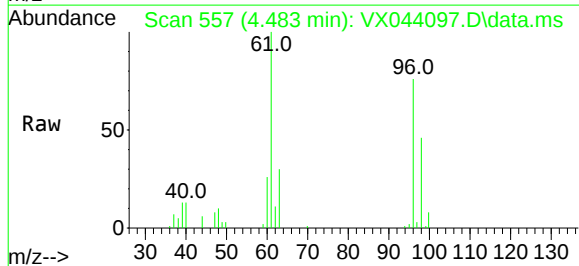
Tgt Ion: 96 Resp: 10482

Ion Ratio Lower Upper

96 100

61 129.0 0.0 297.4

98 64.7 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 52.315 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044097.D

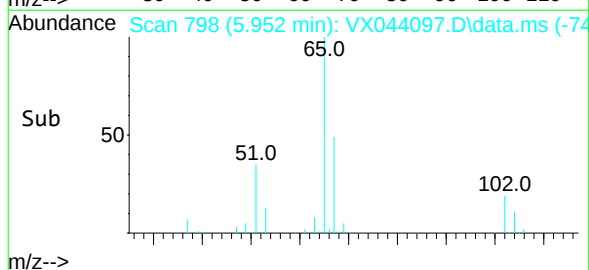
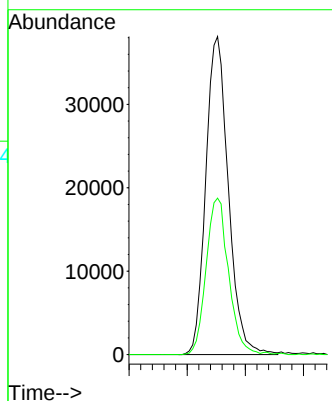
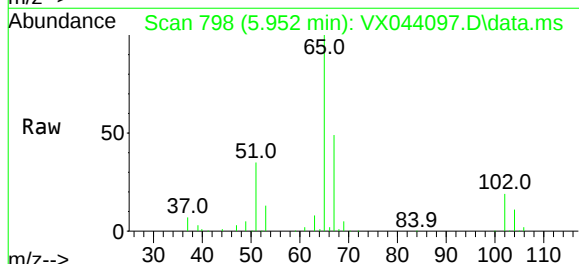
Acq: 03 Dec 2024 16:51

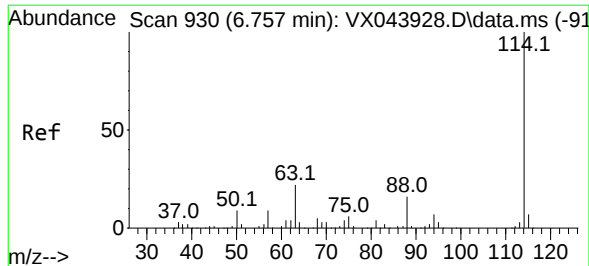
Tgt Ion: 65 Resp: 102680

Ion Ratio Lower Upper

65 100

67 48.8 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044097.D

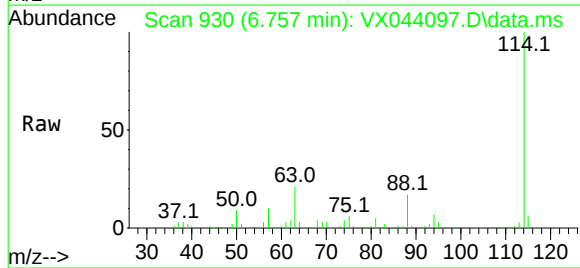
Acq: 03 Dec 2024 16:51

Instrument :

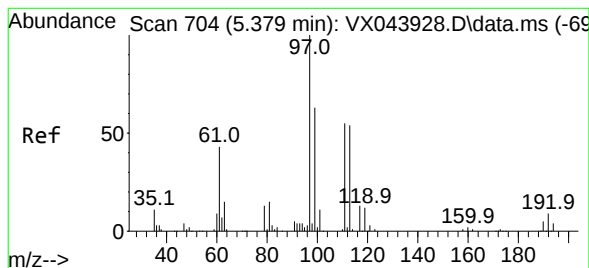
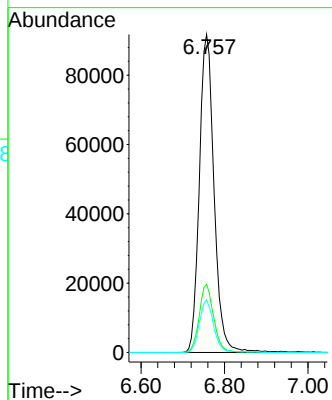
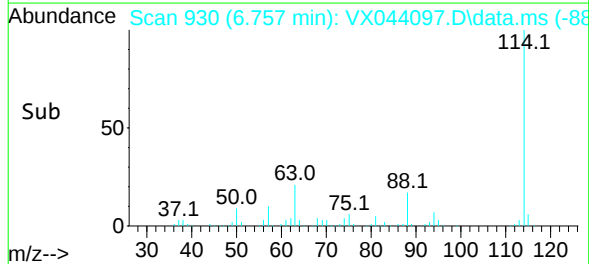
MSVOA_X

ClientSampleId :

SPLP-C10-1



Tgt Ion:	114	Resp:	224500
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.0
88	16.6	0.0	32.4



#35

Dibromofluoromethane

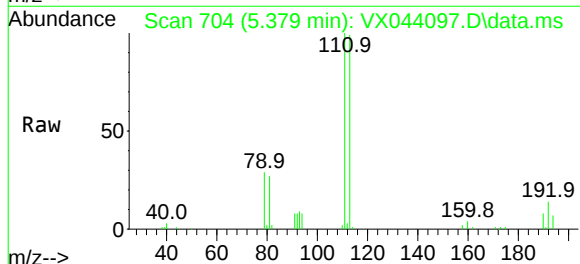
Concen: 36.822 ug/l

RT: 5.379 min Scan# 704

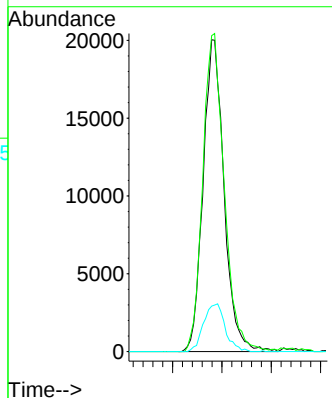
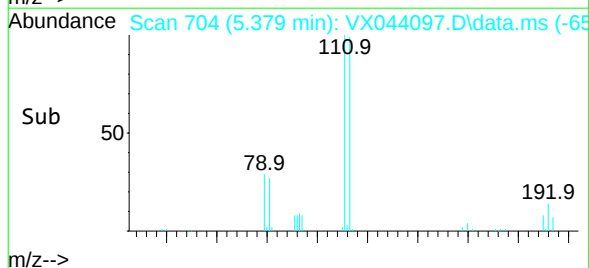
Delta R.T. -0.000 min

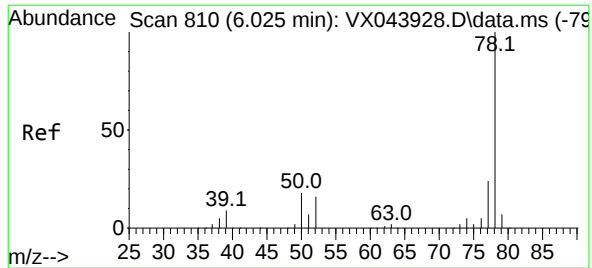
Lab File: VX044097.D

Acq: 03 Dec 2024 16:51



Tgt Ion:	113	Resp:	59069
Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.0	121.4
192	15.8	13.0	19.6





#40

Benzene

Concen: 23.778 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044097.D

Acq: 03 Dec 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

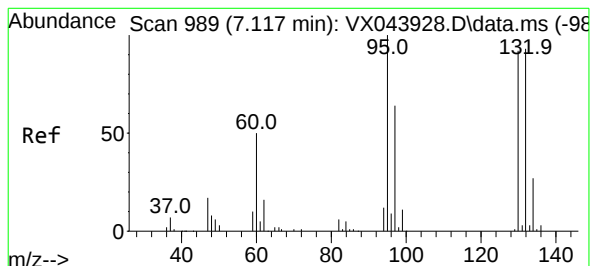
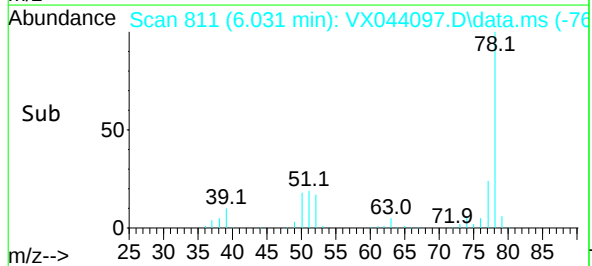
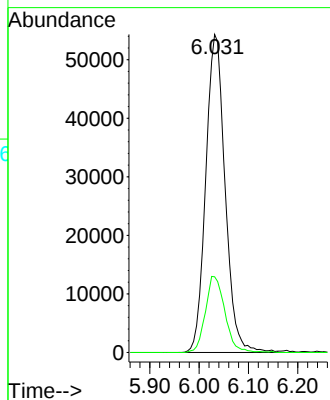
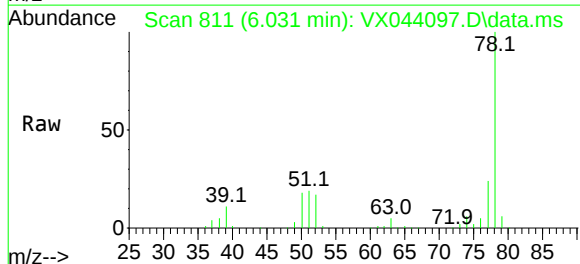
SPLP-C10-1

Tgt Ion: 78 Resp: 148058

Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8



#44

Trichloroethene

Concen: 1.283 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.018 min

Lab File: VX044097.D

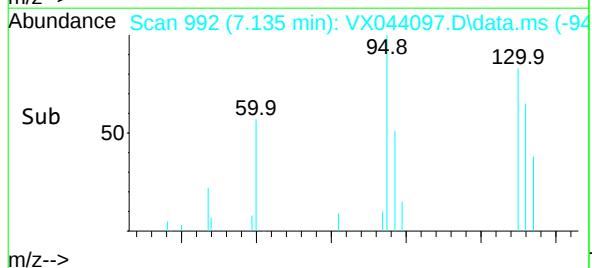
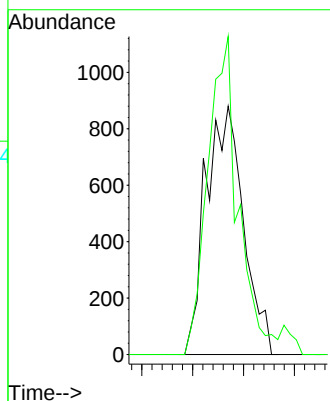
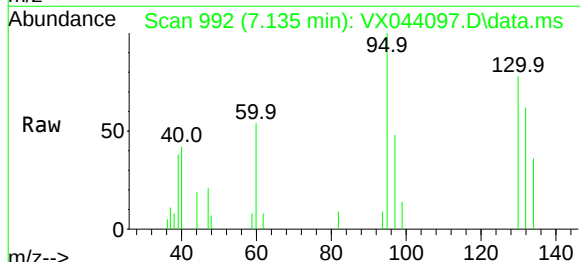
Acq: 03 Dec 2024 16:51

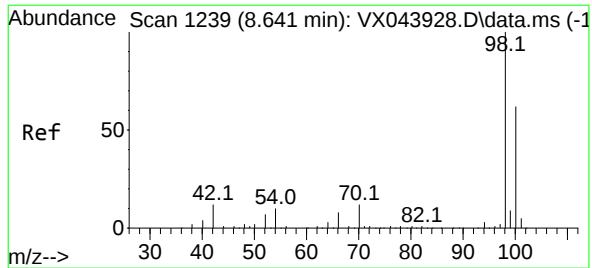
Tgt Ion: 130 Resp: 2262

Ion Ratio Lower Upper

130 100

95 128.1 0.0 217.8





#50

Toluene-d8

Concen: 50.126 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044097.D

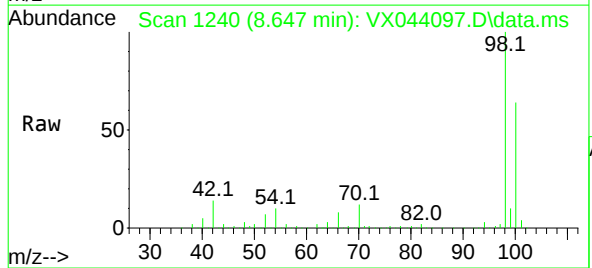
Acq: 03 Dec 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1

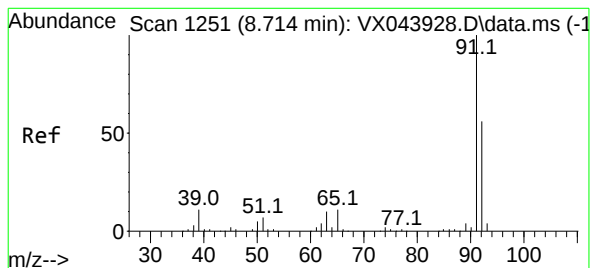
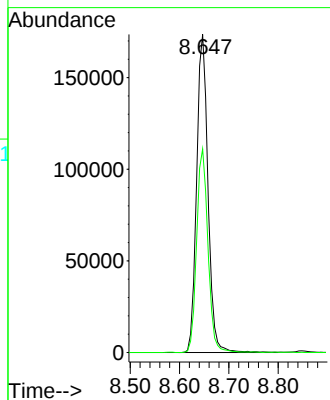
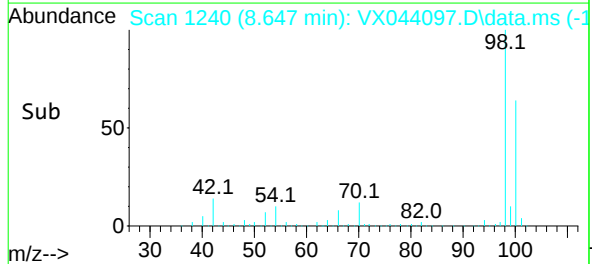


Tgt Ion: 98 Resp: 277181

Ion Ratio Lower Upper

98 100

100 63.7 52.6 79.0



#52

Toluene

Concen: 80.304 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044097.D

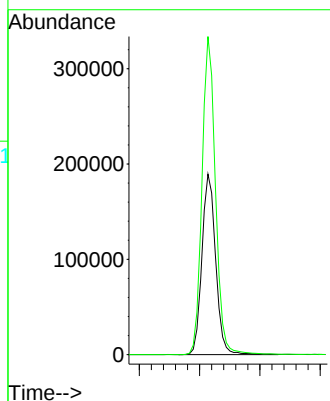
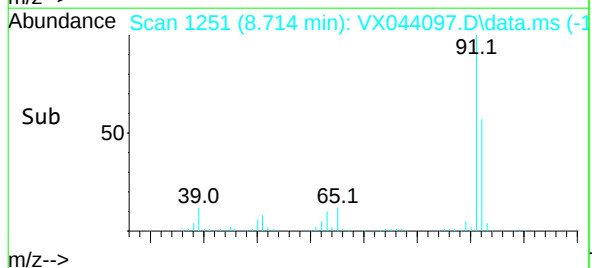
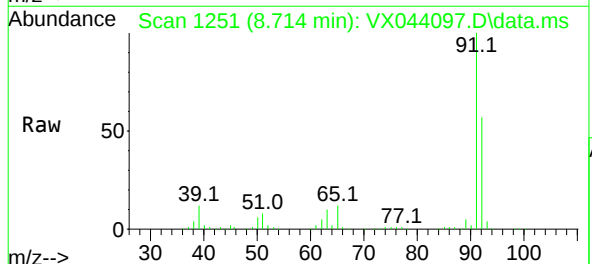
Acq: 03 Dec 2024 16:51

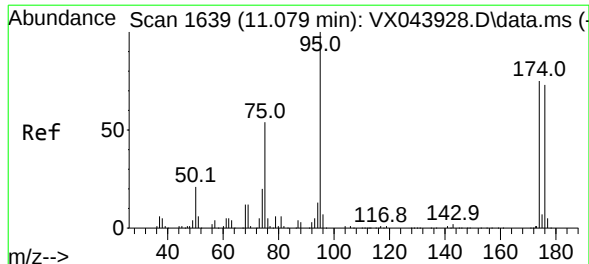
Tgt Ion: 92 Resp: 299282

Ion Ratio Lower Upper

92 100

91 172.9 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 51.104 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044097.D

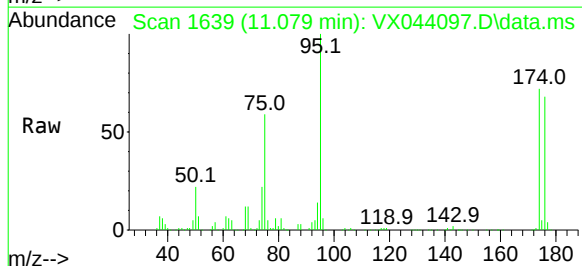
Acq: 03 Dec 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1



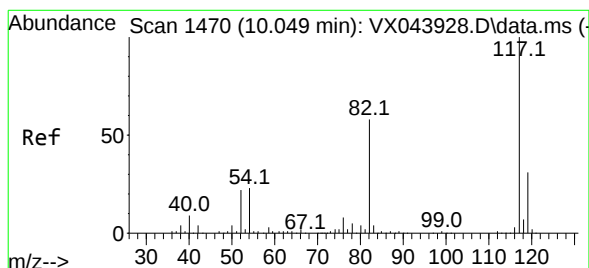
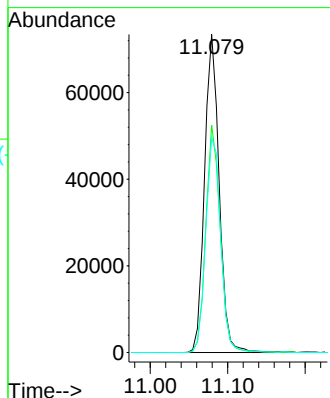
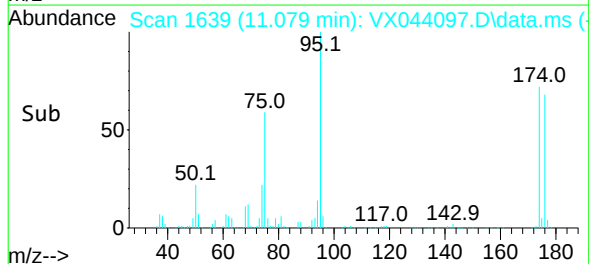
Tgt Ion: 95 Resp: 96173

Ion Ratio Lower Upper

95 100

174 70.7 0.0 150.4

176 69.7 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044097.D

Acq: 03 Dec 2024 16:51

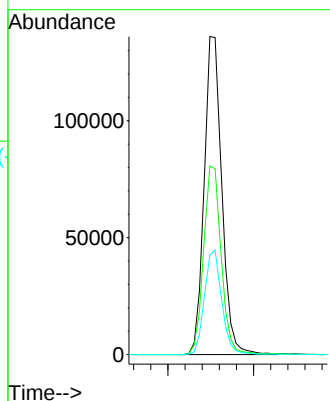
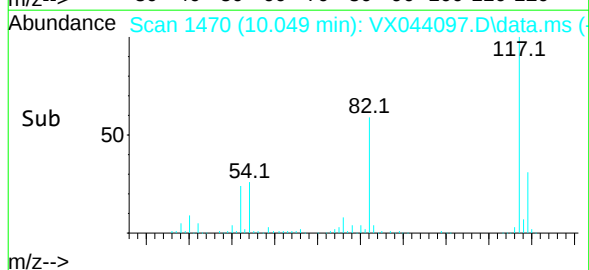
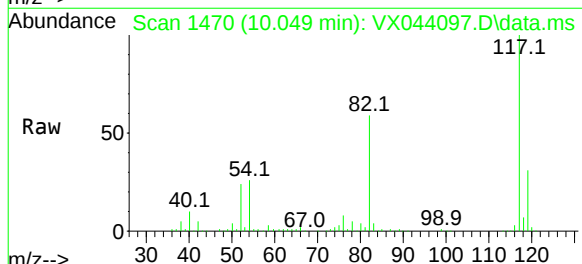
Tgt Ion: 117 Resp: 195198

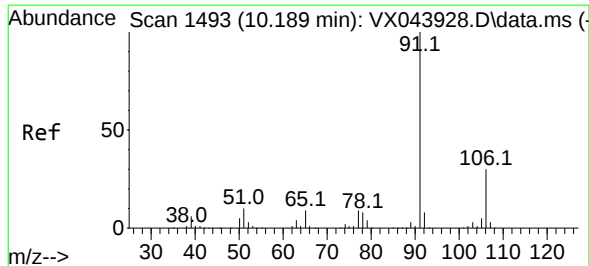
Ion Ratio Lower Upper

117 100

82 59.3 46.4 69.6

119 31.3 24.6 37.0





#67

Ethyl Benzene

Concen: 212.753 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044097.D

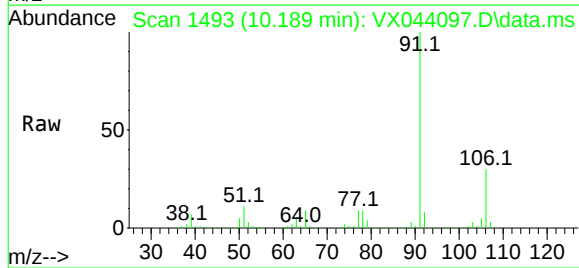
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Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1

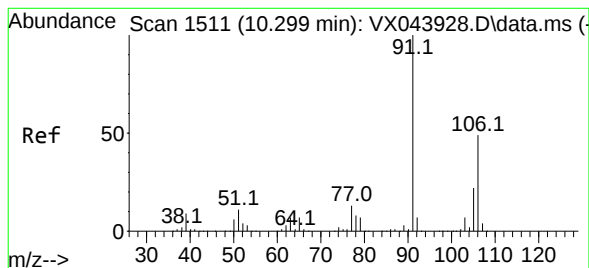
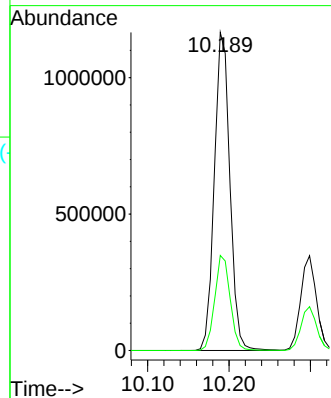
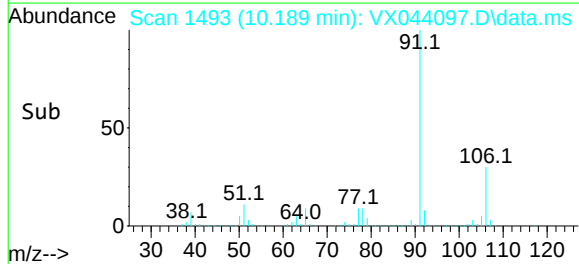


Tgt Ion: 91 Resp: 1545543

Ion Ratio Lower Upper

91 100

106 29.9 23.6 35.4



#68

m/p-Xylenes

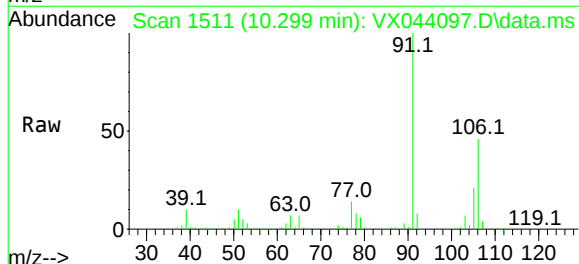
Concen: 80.362 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044097.D

Acq: 03 Dec 2024 16:51

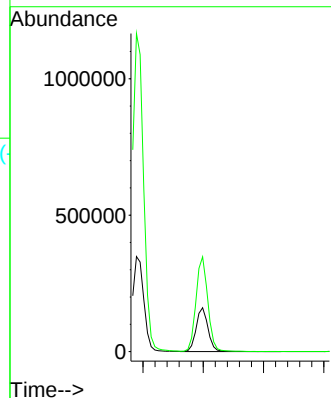
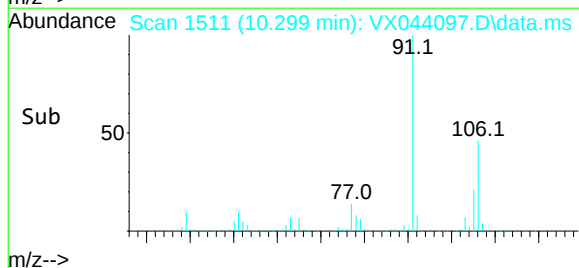


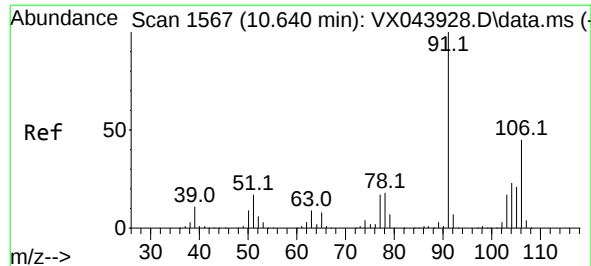
Tgt Ion: 106 Resp: 217708

Ion Ratio Lower Upper

106 100

91 216.3 168.1 252.1





#69

o-Xylene

Concen: 62.848 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044097.D

Acq: 03 Dec 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

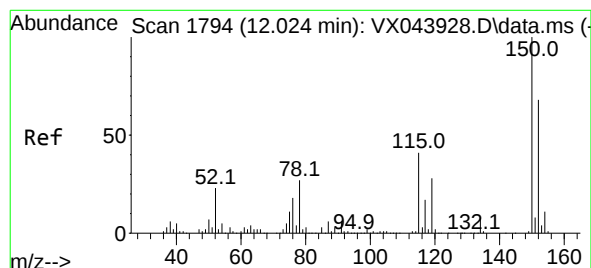
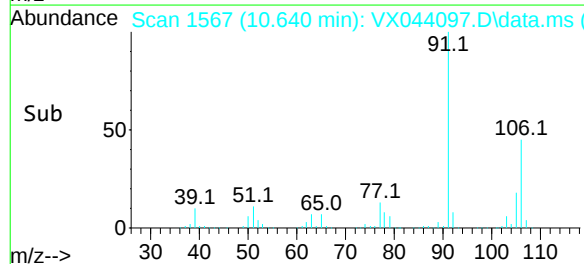
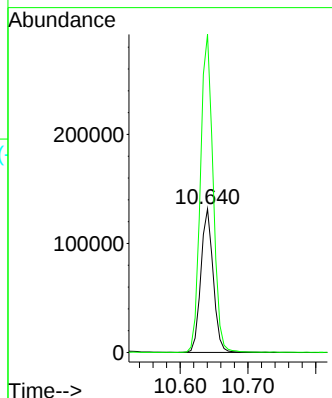
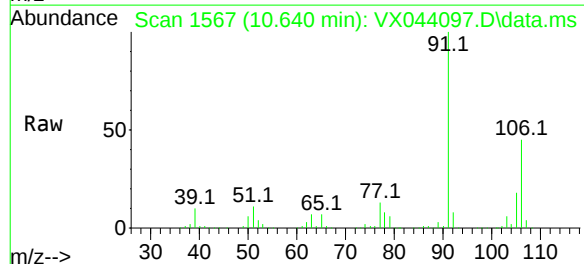
SPLP-C10-1

Tgt Ion:106 Resp: 166235

Ion Ratio Lower Upper

106 100

91 226.7 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044097.D

Acq: 03 Dec 2024 16:51

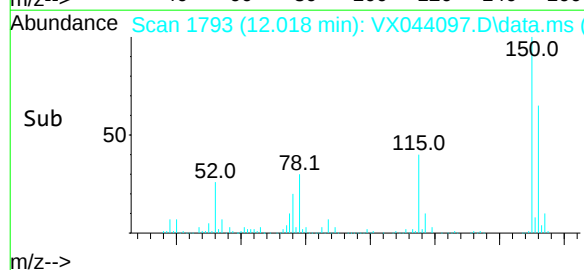
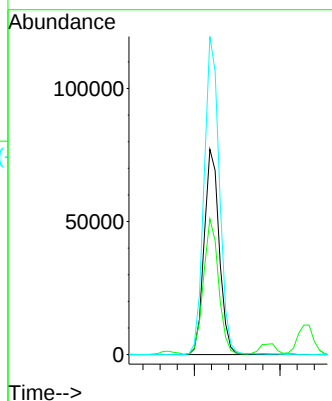
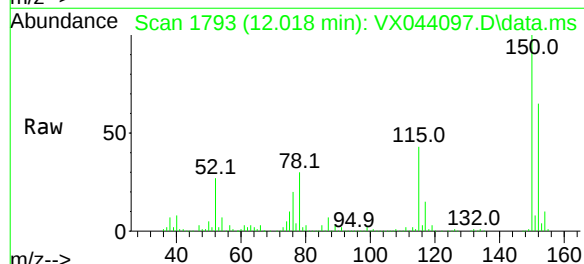
Tgt Ion:152 Resp: 94536

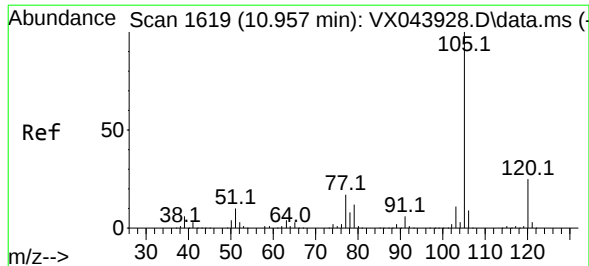
Ion Ratio Lower Upper

152 100

115 65.6 45.4 136.2

150 156.6 0.0 353.0





#73

Isopropylbenzene

Concen: 9.667 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044097.D

Acq: 03 Dec 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

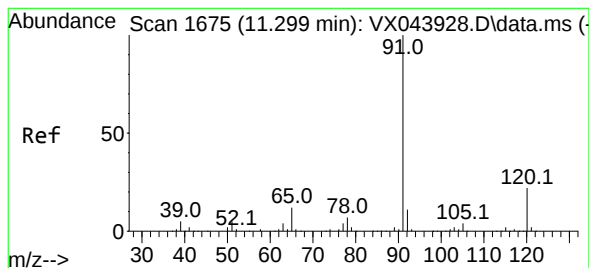
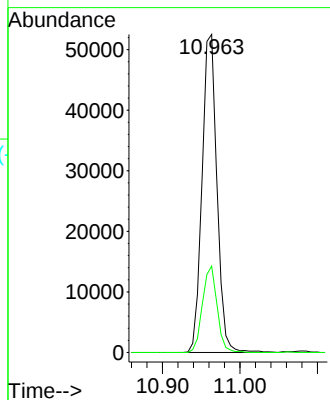
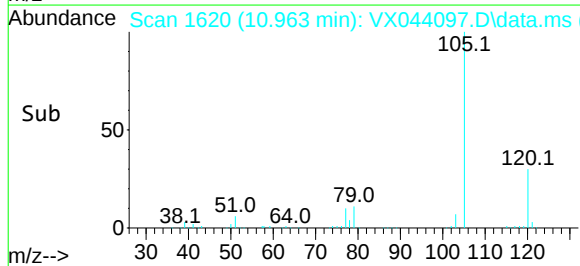
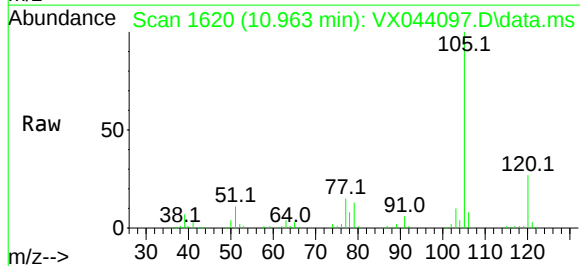
SPLP-C10-1

Tgt Ion:105 Resp: 70249

Ion Ratio Lower Upper

105 100

120 26.6 13.0 38.9



#78

n-propylbenzene

Concen: 2.895 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044097.D

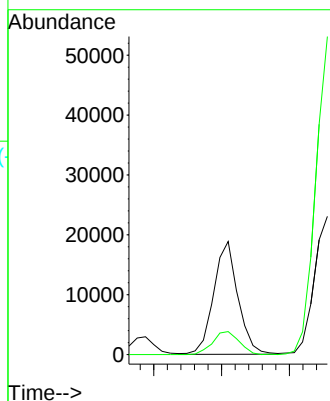
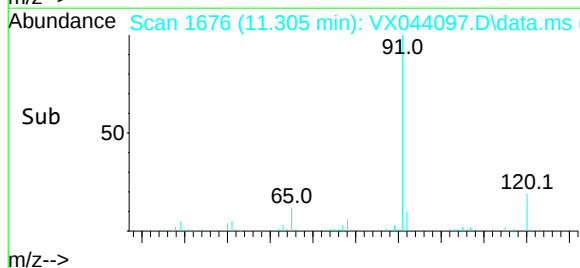
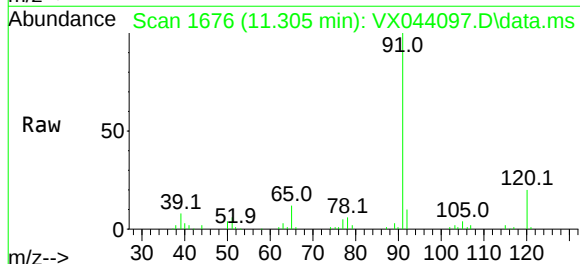
Acq: 03 Dec 2024 16:51

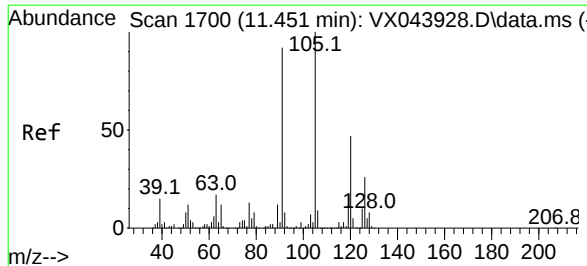
Tgt Ion: 91 Resp: 23497

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 10.972 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044097.D

Acq: 03 Dec 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

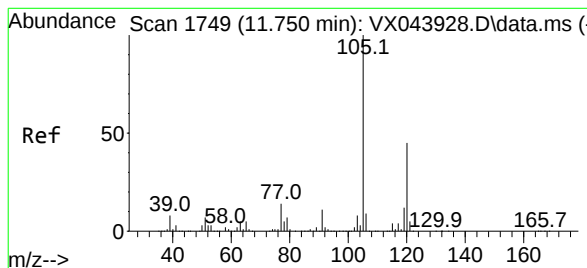
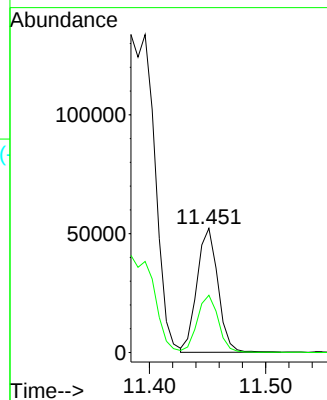
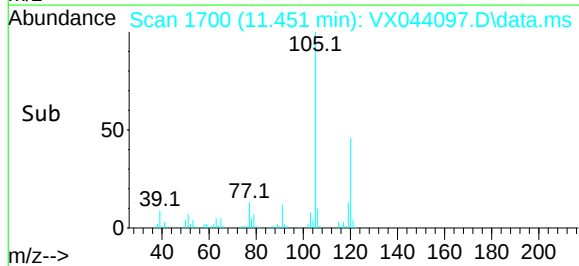
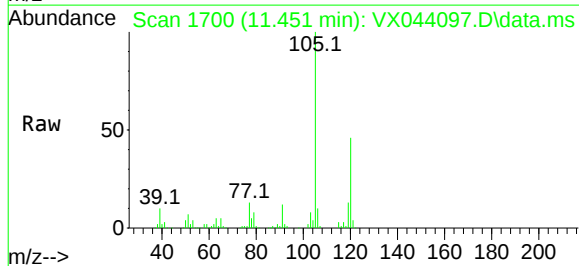
SPLP-C10-1

Tgt Ion:105 Resp: 65595

Ion Ratio Lower Upper

105 100

120 45.8 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 39.629 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044097.D

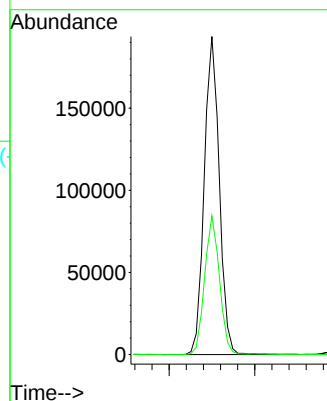
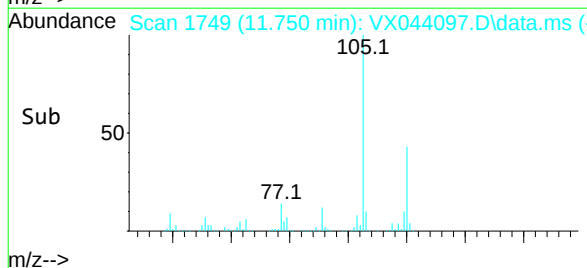
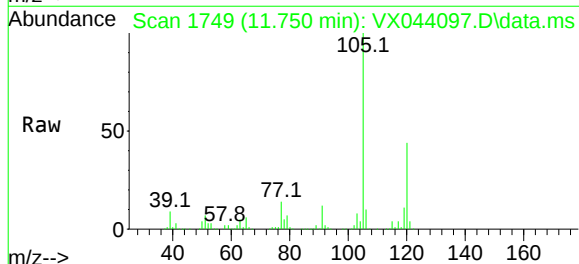
Acq: 03 Dec 2024 16:51

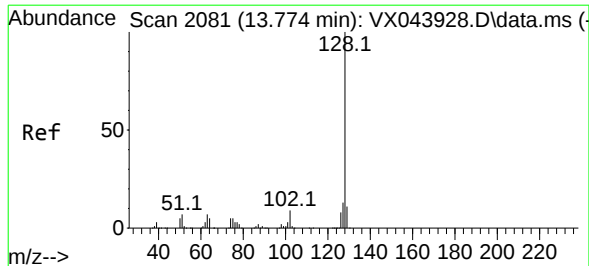
Tgt Ion:105 Resp: 235880

Ion Ratio Lower Upper

105 100

120 43.0 21.9 65.7





#95

Naphthalene

Concen: 2067.716 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044097.D

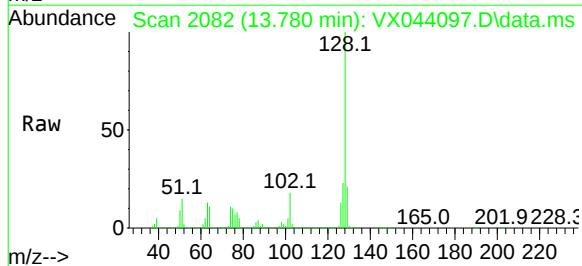
Acq: 03 Dec 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1



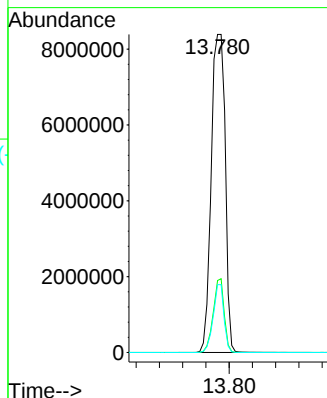
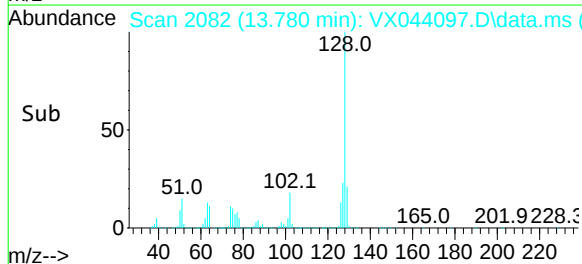
Tgt Ion:128 Resp:13981975

Ion Ratio Lower Upper

128 100

127 18.2 10.2 15.2#

129 16.5 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-1DL	SDG No.:	P5006
Lab Sample ID:	P5006-09DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044116.D	5		12/04/24 14:56	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	UD	1.10	25.0	ug/L
74-87-3	Chloromethane	1.80	UD	1.80	25.0	ug/L
75-01-4	Vinyl Chloride	1.70	UD	1.70	25.0	ug/L
74-83-9	Bromomethane	6.80	UD	6.80	25.0	ug/L
75-00-3	Chloroethane	2.80	UD	2.80	25.0	ug/L
75-69-4	Trichlorofluoromethane	1.70	UD	1.70	25.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UD	1.30	25.0	ug/L
75-35-4	1,1-Dichloroethene	1.30	UD	1.30	25.0	ug/L
67-64-1	Acetone	27.5	JD	7.00	130	ug/L
75-15-0	Carbon Disulfide	1.60	UD	1.60	25.0	ug/L
1634-04-4	Methyl tert-butyl Ether	0.80	UD	0.80	25.0	ug/L
79-20-9	Methyl Acetate	3.00	UD	3.00	25.0	ug/L
75-09-2	Methylene Chloride	1.60	UD	1.60	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	1.30	UD	1.30	25.0	ug/L
75-34-3	1,1-Dichloroethane	1.20	UD	1.20	25.0	ug/L
110-82-7	Cyclohexane	8.10	UD	8.10	25.0	ug/L
78-93-3	2-Butanone	6.50	UD	6.50	130	ug/L
56-23-5	Carbon Tetrachloride	1.30	UD	1.30	25.0	ug/L
156-59-2	cis-1,2-Dichloroethene	6.10	JD	1.30	25.0	ug/L
74-97-5	Bromochloromethane	0.90	UD	0.90	25.0	ug/L
67-66-3	Chloroform	1.30	UD	1.30	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	0.95	UD	0.95	25.0	ug/L
108-87-2	Methylcyclohexane	0.95	UD	0.95	25.0	ug/L
71-43-2	Benzene	24.0	JD	0.80	25.0	ug/L
107-06-2	1,2-Dichloroethane	1.20	UD	1.20	25.0	ug/L
79-01-6	Trichloroethene	1.60	UD	1.60	25.0	ug/L
78-87-5	1,2-Dichloropropane	0.95	UD	0.95	25.0	ug/L
75-27-4	Bromodichloromethane	1.20	UD	1.20	25.0	ug/L
108-10-1	4-Methyl-2-Pentanone	3.80	UD	3.80	130	ug/L
108-88-3	Toluene	81.2	D	0.90	25.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-1DL	SDG No.:	P5006
Lab Sample ID:	P5006-09DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044116.D	5		12/04/24 14:56	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.10	UD	1.10	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.90	UD	0.90	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	1.10	UD	1.10	25.0	ug/L
591-78-6	2-Hexanone	5.70	UD	5.70	130	ug/L
124-48-1	Dibromochloromethane	0.90	UD	0.90	25.0	ug/L
106-93-4	1,2-Dibromoethane	0.80	UD	0.80	25.0	ug/L
127-18-4	Tetrachloroethene	1.30	UD	1.30	25.0	ug/L
108-90-7	Chlorobenzene	0.65	UD	0.65	25.0	ug/L
100-41-4	Ethyl Benzene	210	D	0.80	25.0	ug/L
179601-23-1	m/p-Xylenes	83.1	D	1.60	50.0	ug/L
95-47-6	o-Xylene	62.9	D	0.70	25.0	ug/L
100-42-5	Styrene	0.80	UD	0.80	25.0	ug/L
75-25-2	Bromoform	1.10	UD	1.10	25.0	ug/L
98-82-8	Isopropylbenzene	10.6	JD	0.65	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.40	UD	1.40	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.20	UD	1.20	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.40	UD	1.40	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	0.95	UD	0.95	25.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	UD	2.30	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.10	UD	2.10	25.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.60	UD	2.60	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.5		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	45.4		70 (75) - 130 (124)	91%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	107000	5.55			
540-36-3	1,4-Difluorobenzene	210000	6.757			
3114-55-4	Chlorobenzene-d5	182000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	79000	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C10-1DL		SDG No.:	P5006	
Lab Sample ID:	P5006-09DL		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044116.D	5		12/04/24 14:56	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044116.D
 Acq On : 04 Dec 2024 14:56
 Operator : JC/MD
 Sample : P5006-09DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C10-1DL

Quant Time: Dec 05 00:27:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

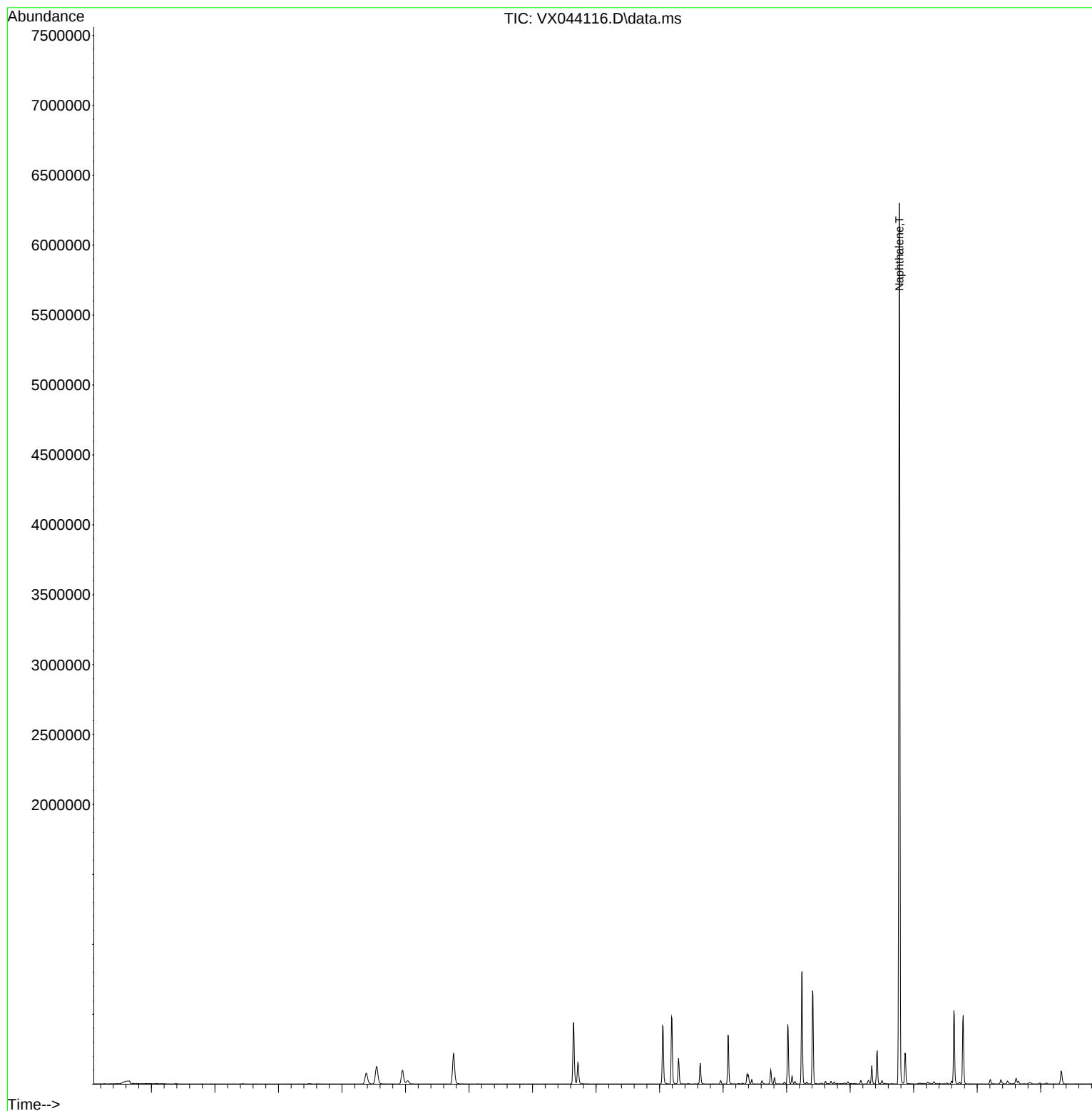
Internal Standards						
1) Pentafluorobenzene	5.550	168	107028	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	209800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96351	52.487	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.980%			
35) Dibromofluoromethane	5.385	113	68065	45.403	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.800%			
50) Toluene-d8	8.647	98	258636	50.049	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	87724	49.880	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.760%			
Target Compounds						
16) Acetone	2.386	43	4639	5.502	ug/l #	87
27) cis-1,2-Dichloroethene	4.501	96	1929	1.226	ug/l	92
40) Benzene	6.037	78	27877	4.791	ug/l	98
52) Toluene	8.714	92	56542	16.234	ug/l	99
67) Ethyl Benzene	10.189	91	285080	42.010	ug/l	100
68) m/p-Xylenes	10.299	106	42056	16.619	ug/l	99
69) o-Xylene	10.640	106	31086	12.581	ug/l	94
73) Isopropylbenzene	10.963	105	12846	2.114	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	12227	2.446	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	43311	8.703	ug/l	98
95) Naphthalene	13.774	128	3511065	620.989	ug/l	99

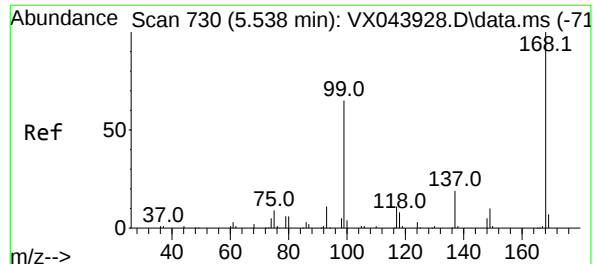
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044116.D
Acq On : 04 Dec 2024 14:56
Operator : JC/MD
Sample : P5006-09DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-1DL

Quant Time: Dec 05 00:27:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 73

Delta R.T. 0.012 min

Lab File: VX044116.D

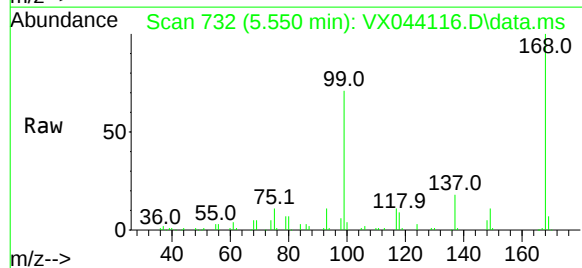
Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1DL

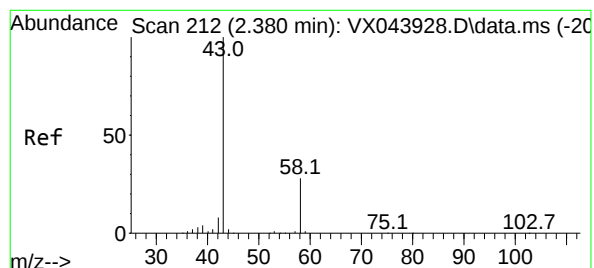
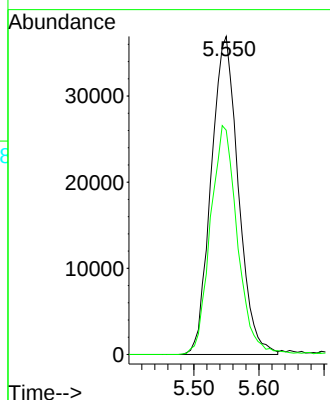
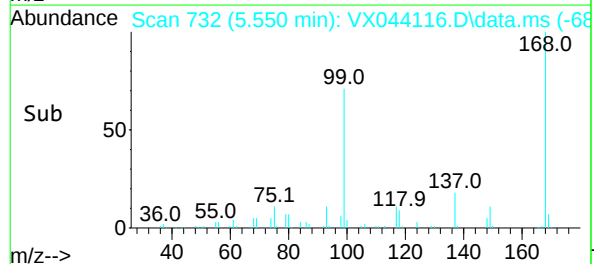


Tgt Ion:168 Resp: 107028

Ion Ratio Lower Upper

168 100

99 70.5 51.8 77.8



#16

Acetone

Concen: 5.502 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044116.D

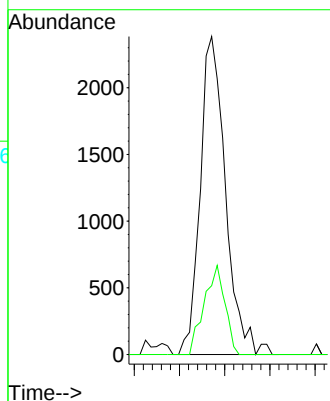
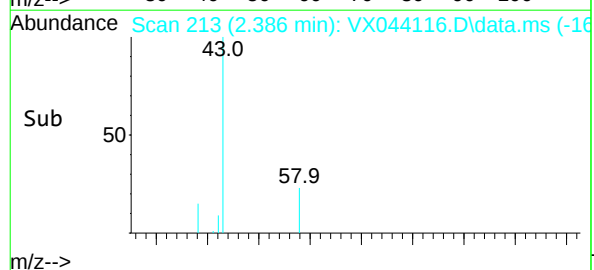
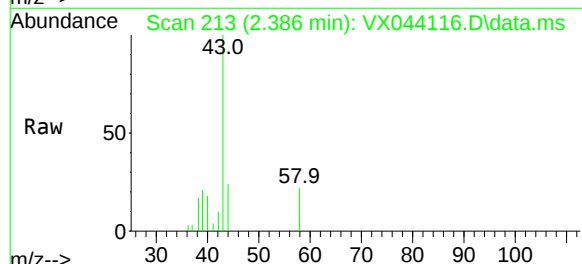
Acq: 04 Dec 2024 14:56

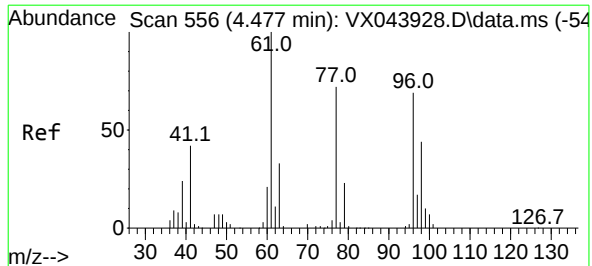
Tgt Ion: 43 Resp: 4639

Ion Ratio Lower Upper

43 100

58 21.6 22.7 34.1#





#27

cis-1,2-Dichloroethene

Concen: 1.226 ug/l

RT: 4.501 min Scan# 56

Delta R.T. 0.024 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1DL

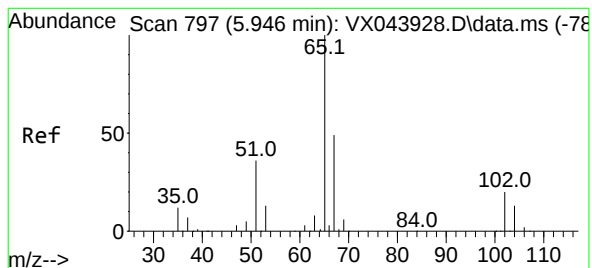
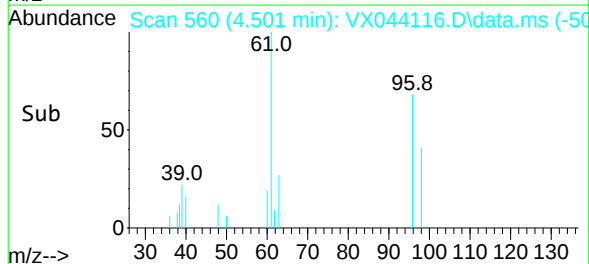
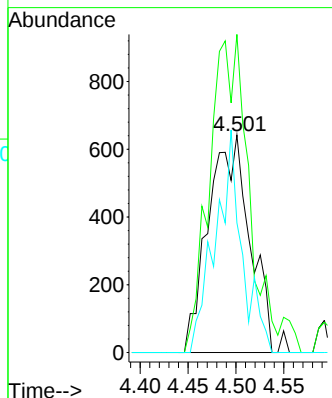
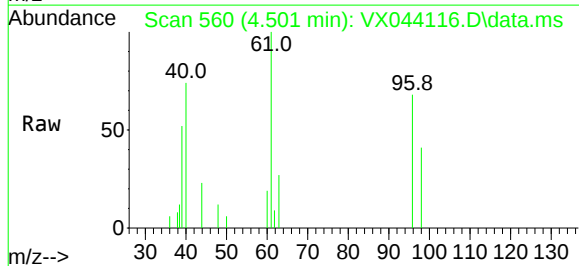
Tgt Ion: 96 Resp: 1929

Ion Ratio Lower Upper

96 100

61 136.2 0.0 297.4

98 65.6 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 52.487 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044116.D

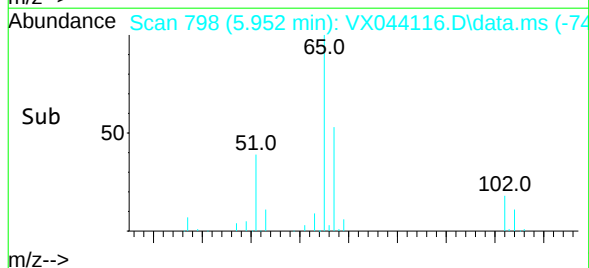
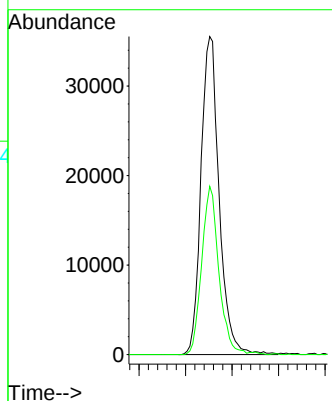
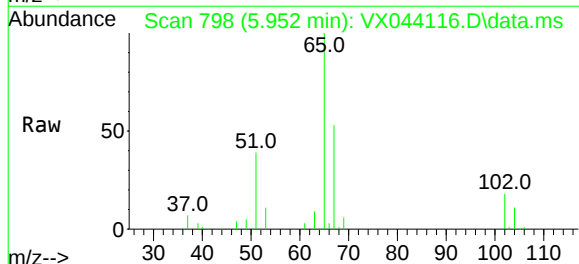
Acq: 04 Dec 2024 14:56

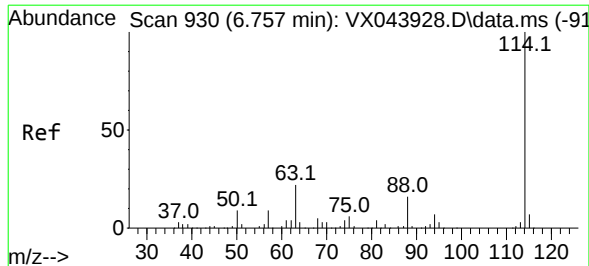
Tgt Ion: 65 Resp: 96351

Ion Ratio Lower Upper

65 100

67 50.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044116.D

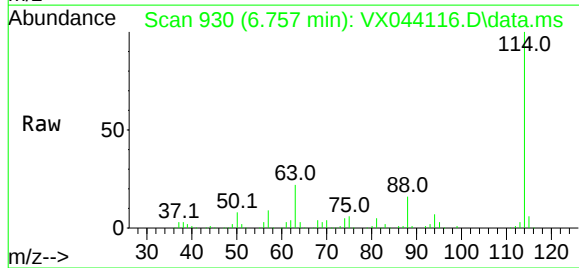
Acq: 04 Dec 2024 14:56

Instrument :

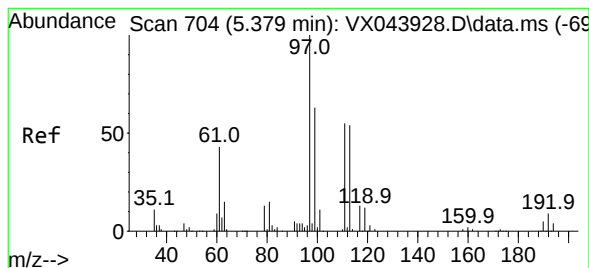
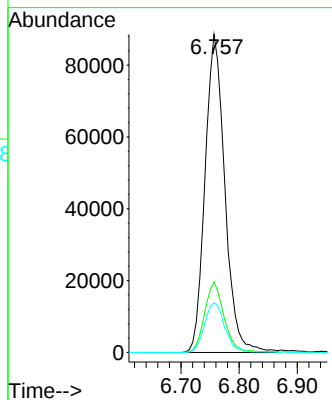
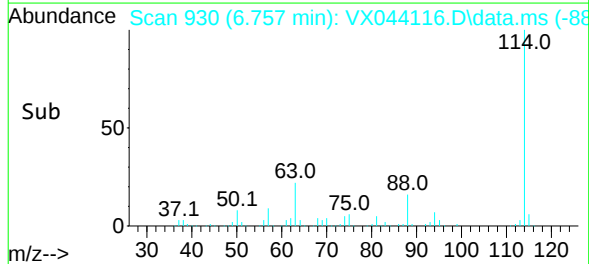
MSVOA_X

ClientSampleId :

SPLP-C10-1DL



Tgt Ion:	114	Resp:	209800
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	44.0
88	15.6	0.0	32.4



#35

Dibromofluoromethane

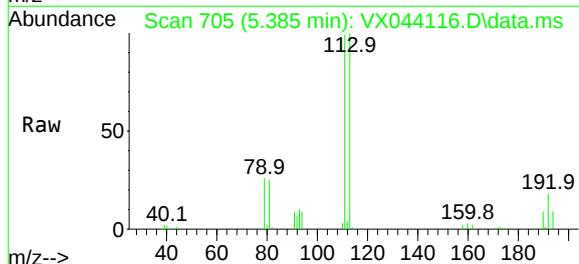
Concen: 45.403 ug/l

RT: 5.385 min Scan# 705

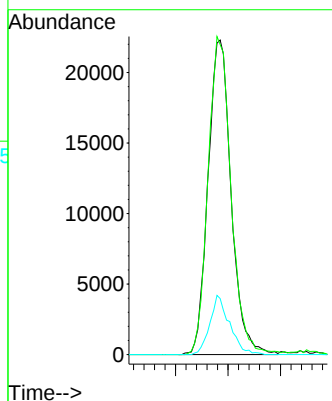
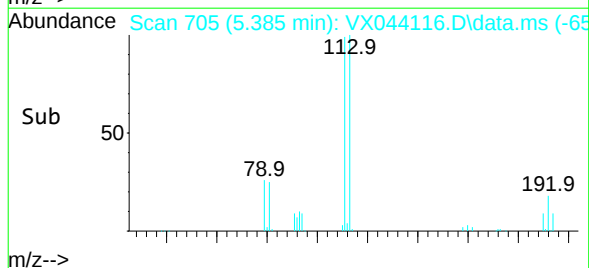
Delta R.T. 0.006 min

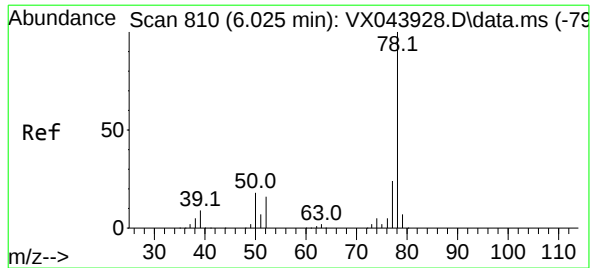
Lab File: VX044116.D

Acq: 04 Dec 2024 14:56



Tgt Ion:	113	Resp:	68065
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.0	121.4
192	16.2	13.0	19.6





#40

Benzene

Concen: 4.791 ug/l

RT: 6.037 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

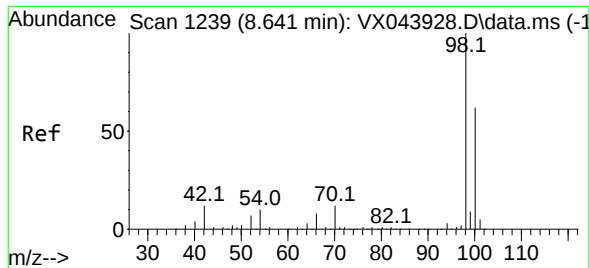
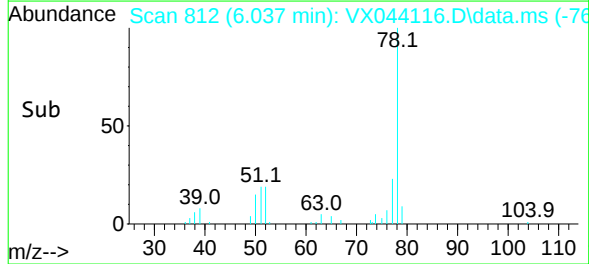
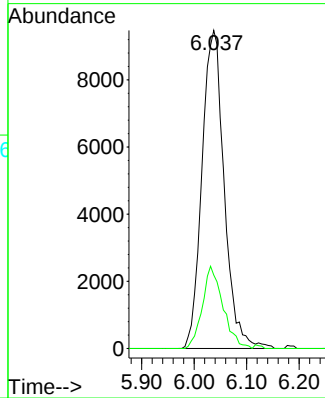
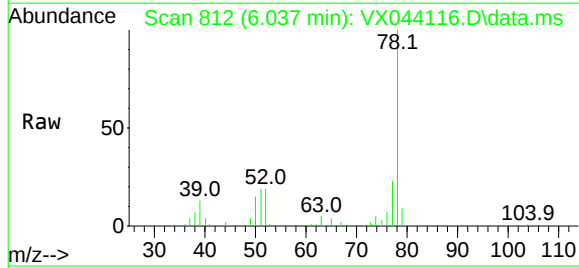
SPLP-C10-1DL

Tgt Ion: 78 Resp: 27877

Ion Ratio Lower Upper

78 100

77 23.1 19.2 28.8



#50

Toluene-d8

Concen: 50.049 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044116.D

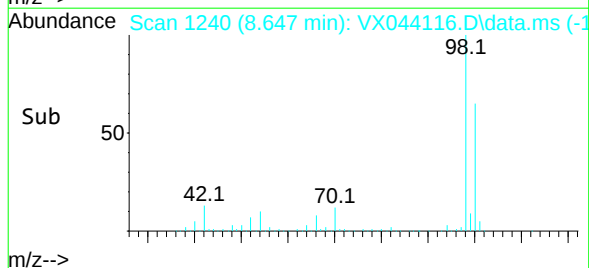
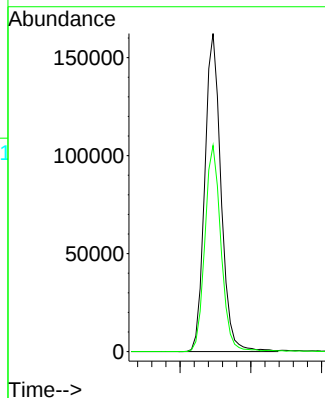
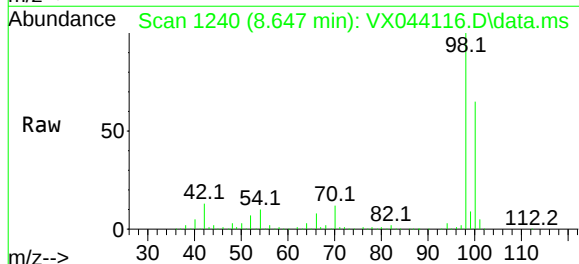
Acq: 04 Dec 2024 14:56

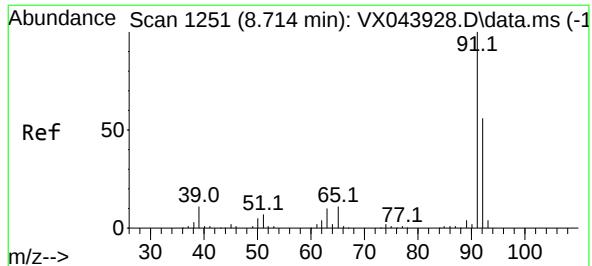
Tgt Ion: 98 Resp: 258636

Ion Ratio Lower Upper

98 100

100 64.2 52.6 79.0





#52

Toluene

Concen: 16.234 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044116.D

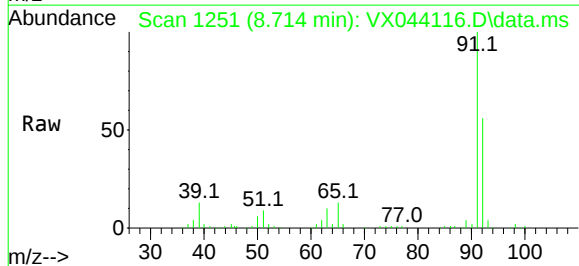
Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1DL

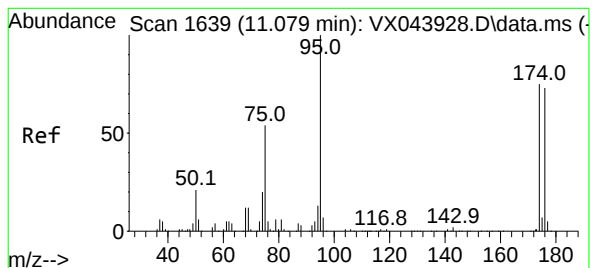
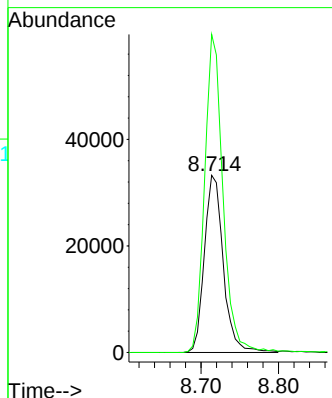
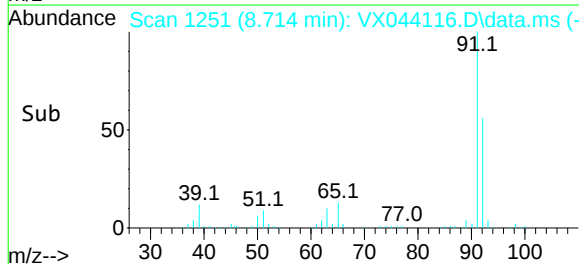


Tgt Ion: 92 Resp: 56542

Ion Ratio Lower Upper

92 100

91 173.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 49.880 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

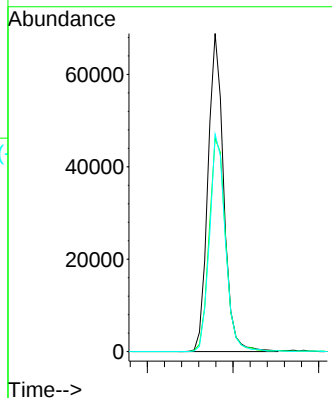
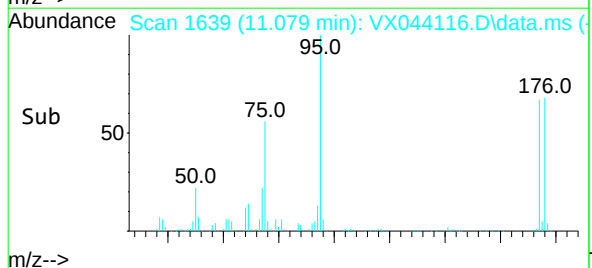
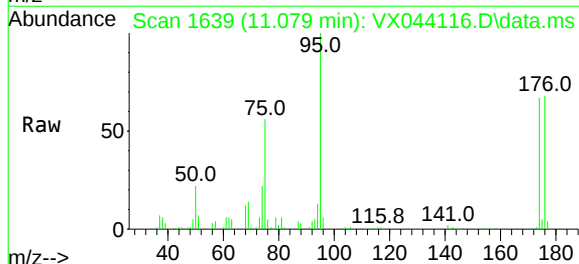
Tgt Ion: 95 Resp: 87724

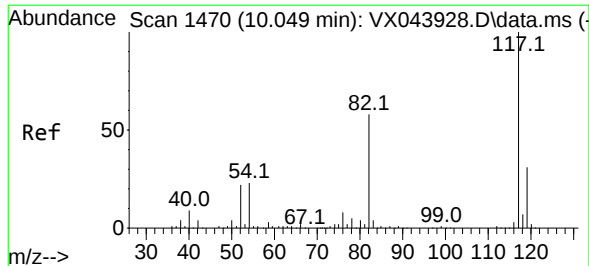
Ion Ratio Lower Upper

95 100

174 70.8 0.0 150.4

176 68.8 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044116.D

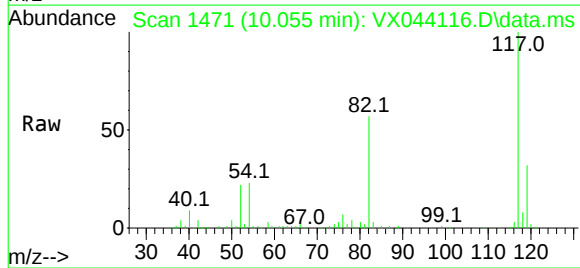
Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1DL



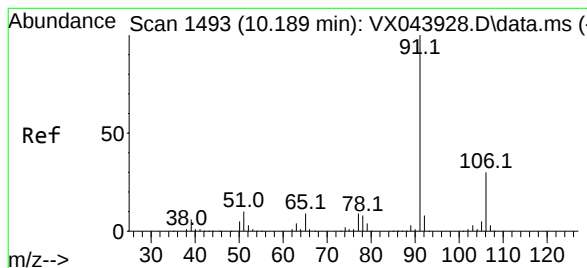
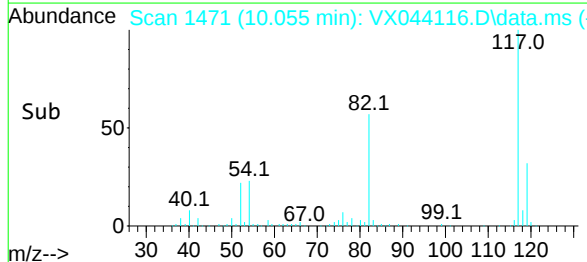
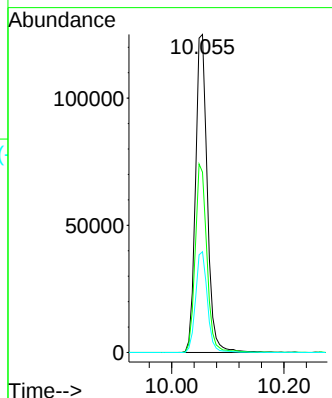
Tgt Ion:117 Resp: 182342

Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

119 31.7 24.6 37.0



#67

Ethyl Benzene

Concen: 42.010 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044116.D

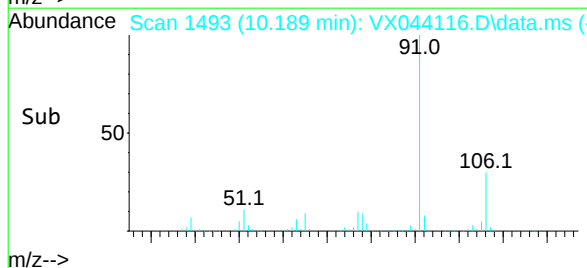
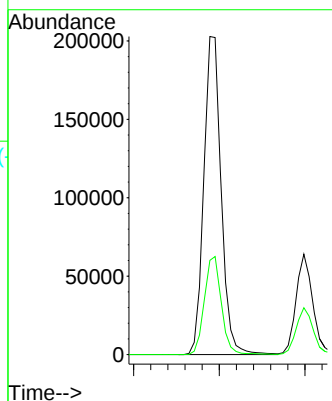
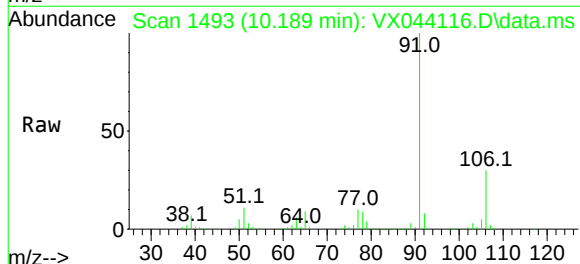
Acq: 04 Dec 2024 14:56

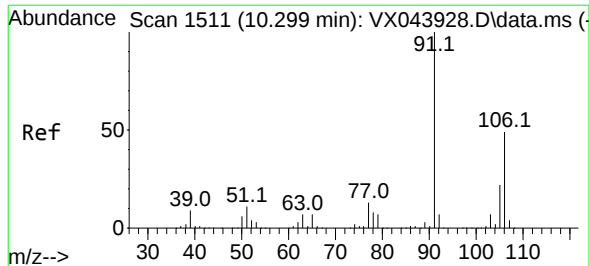
Tgt Ion: 91 Resp: 285080

Ion Ratio Lower Upper

91 100

106 29.6 23.6 35.4





#68

m/p-Xylenes

Concen: 16.619 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

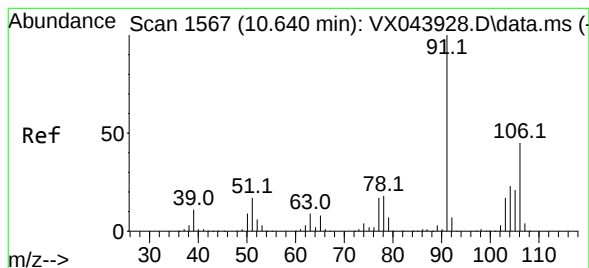
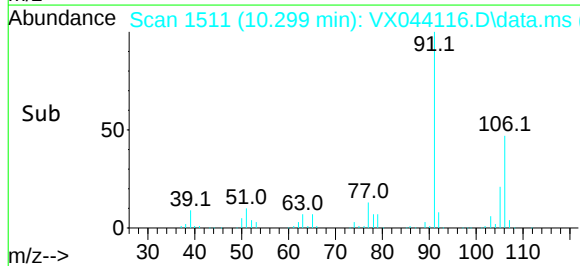
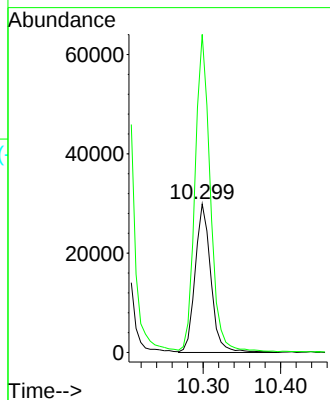
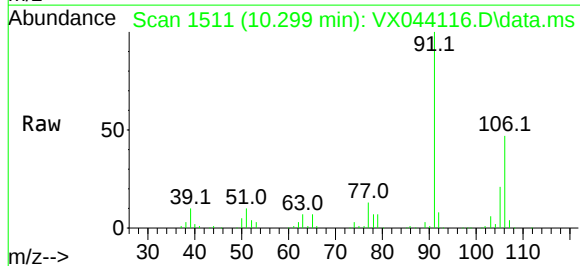
SPLP-C10-1DL

Tgt Ion:106 Resp: 42056

Ion Ratio Lower Upper

106 100

91 207.9 168.1 252.1



#69

o-Xylene

Concen: 12.581 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044116.D

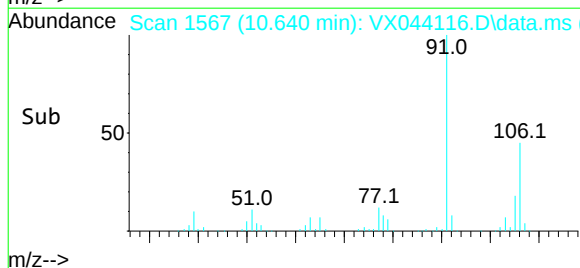
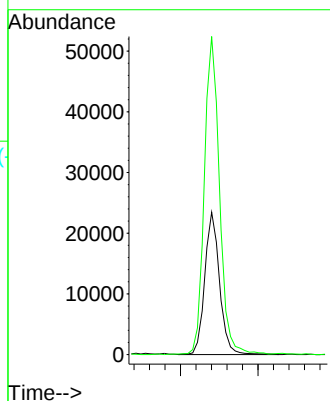
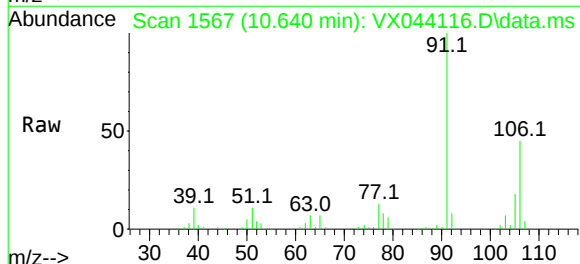
Acq: 04 Dec 2024 14:56

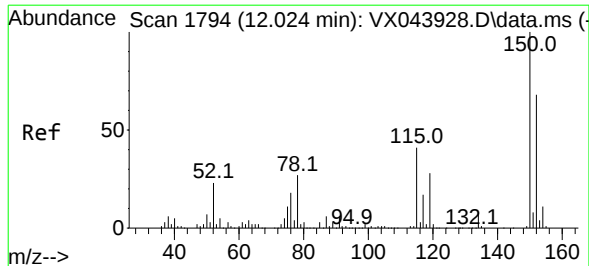
Tgt Ion:106 Resp: 31086

Ion Ratio Lower Upper

106 100

91 230.0 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044116.D

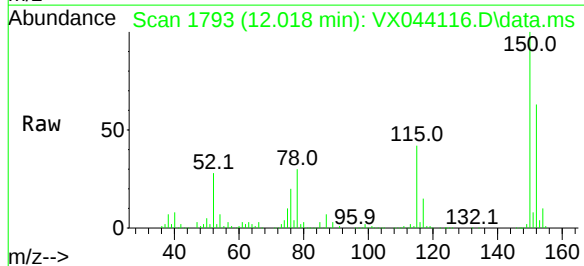
Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1DL



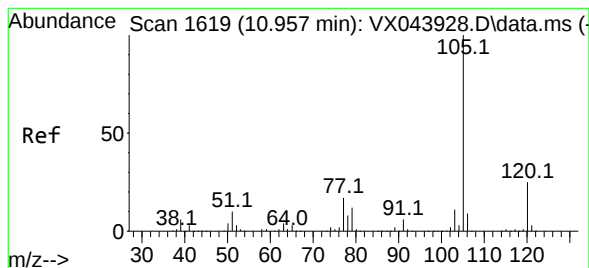
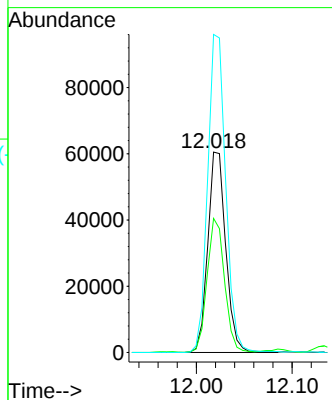
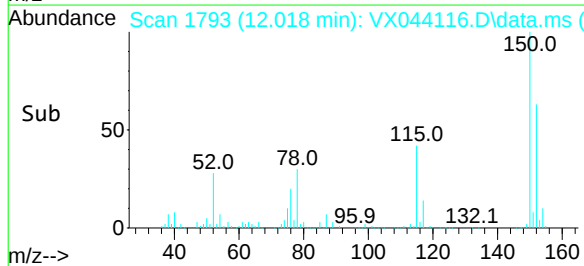
Tgt Ion:152 Resp: 79045

Ion Ratio Lower Upper

152 100

115 64.5 45.4 136.2

150 158.9 0.0 353.0



#73

Isopropylbenzene

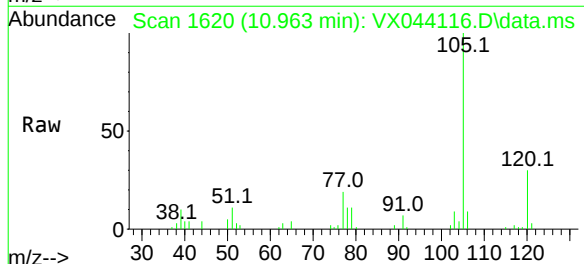
Concen: 2.114 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

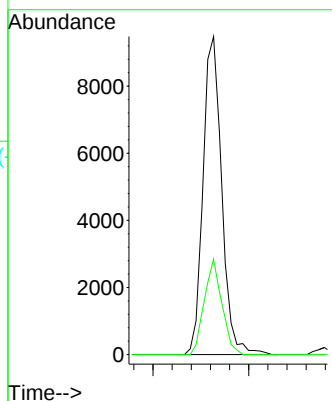
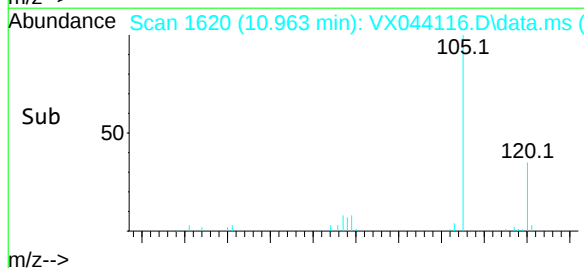


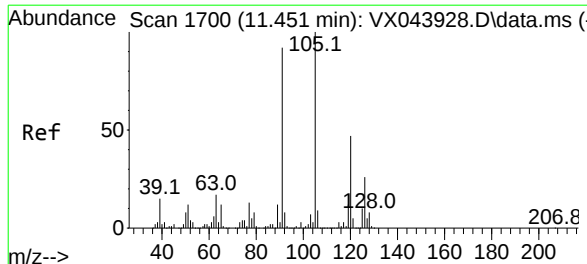
Tgt Ion:105 Resp: 12846

Ion Ratio Lower Upper

105 100

120 28.2 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 2.446 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044116.D

Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

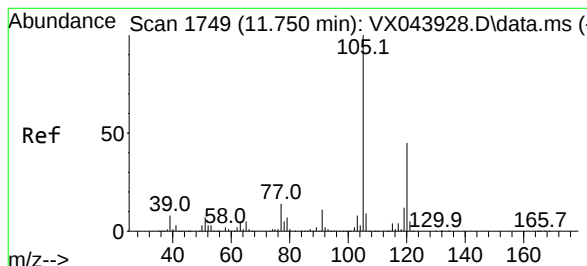
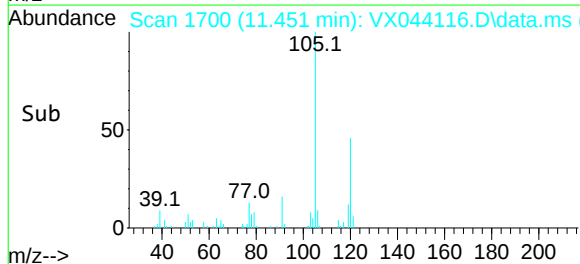
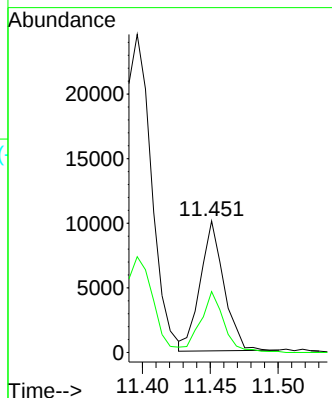
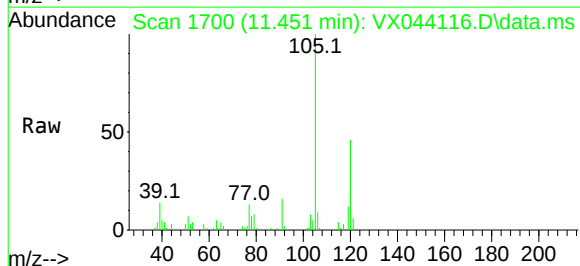
SPLP-C10-1DL

Tgt Ion:105 Resp: 12227

Ion Ratio Lower Upper

105 100

120 46.7 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 8.703 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044116.D

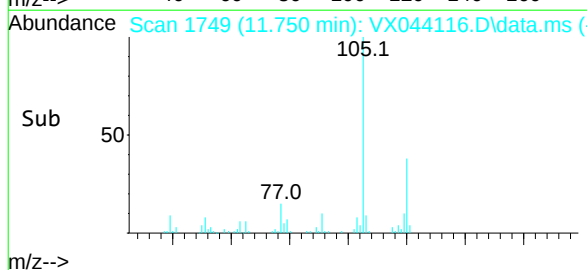
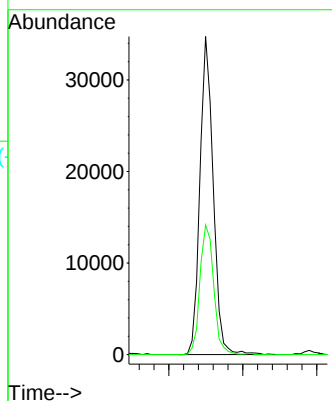
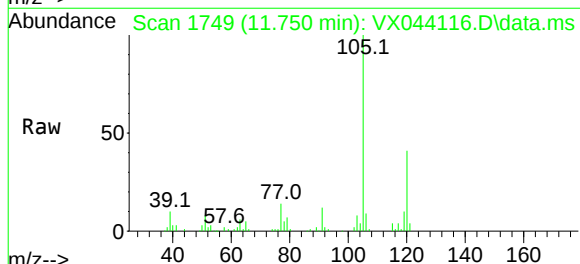
Acq: 04 Dec 2024 14:56

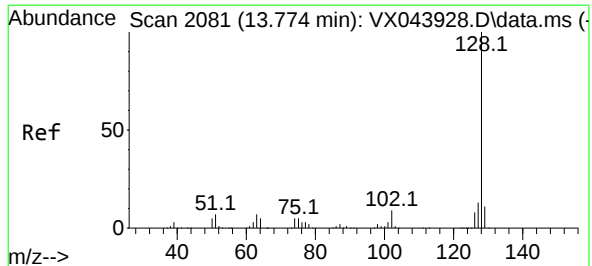
Tgt Ion:105 Resp: 43311

Ion Ratio Lower Upper

105 100

120 42.2 21.9 65.7





#95

Naphthalene

Concen: 620.989 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044116.D

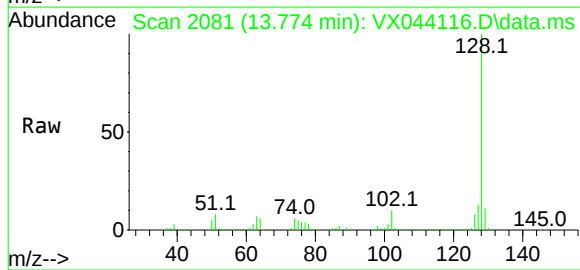
Acq: 04 Dec 2024 14:56

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-1DL



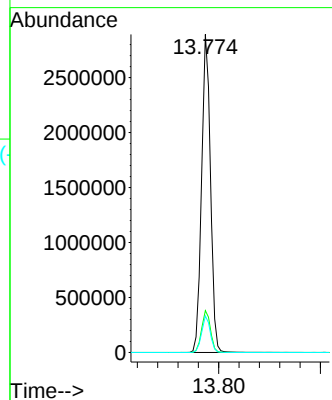
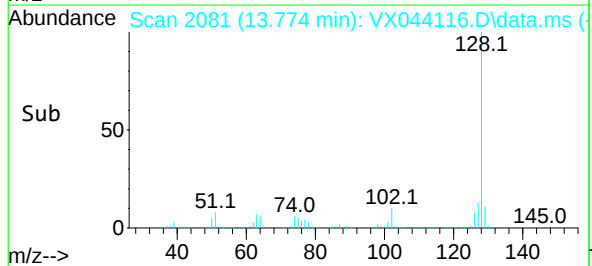
Tgt Ion:128 Resp: 3511065

Ion	Ratio	Lower	Upper
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128	100		
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127	13.2	10.2	15.2
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129	11.2	8.6	12.8
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-2	SDG No.:	P5006
Lab Sample ID:	P5006-10	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044098.D	1		12/03/24 17:14	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	1.50	J	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	23.1	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	24.6		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	160	E	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	320	E	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-2	SDG No.:	P5006
Lab Sample ID:	P5006-10	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044098.D	1		12/03/24 17:14	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	590	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	230		0.31	10.0	ug/L
95-47-6	o-Xylene	160	E	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	23.4		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	35.0		70 (75) - 130 (124)	70%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	103000	5.55			
540-36-3	1,4-Difluorobenzene	204000	6.757			
3114-55-4	Chlorobenzene-d5	182000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	84700	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-2	SDG No.:	P5006
Lab Sample ID:	P5006-10	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044098.D	1		12/03/24 17:14	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044098.D
 Acq On : 03 Dec 2024 17:14
 Operator : JC/MD
 Sample : P5006-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C10-2

Quant Time: Dec 04 00:12:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

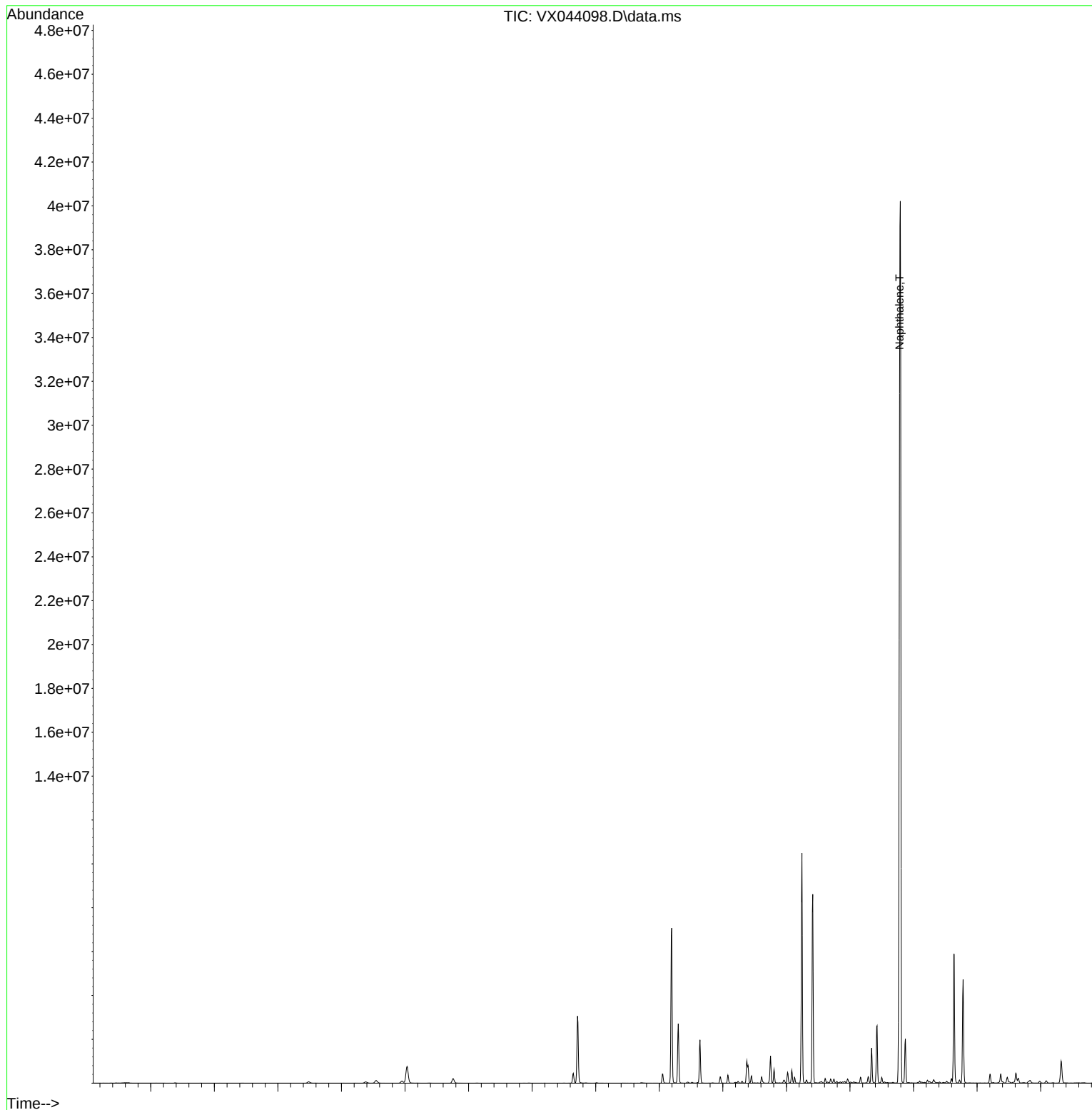
Internal Standards						
1) Pentafluorobenzene	5.550	168	103374	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	203524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92684	52.274	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.540%			
35) Dibromofluoromethane	5.379	113	50922	35.015	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 70.040%#			
50) Toluene-d8	8.647	98	253118	50.492	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.980%			
62) 4-Bromofluorobenzene	11.079	95	89652	52.549	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.100%			
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.374	62	2243	1.530	ug/l	96
16) Acetone	2.386	43	18783	23.065	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	37440	24.629	ug/l	92
40) Benzene	6.032	78	879965	155.886	ug/l	100
52) Toluene	8.714	92	1092912	323.476	ug/l	99
67) Ethyl Benzene	10.195	91	3968143	585.814	ug/l	96
68) m/p-Xylenes	10.299	106	568636	225.107	ug/l	98
69) o-Xylene	10.640	106	389550	157.946	ug/l	96
73) Isopropylbenzene	10.957	105	152105	23.371	ug/l	99
78) n-propylbenzene	11.305	91	52135	7.172	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	135738	25.350	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	492995	92.479	ug/l	100
95) Naphthalene	13.780	128	19047283	3145.093	ug/l #	64

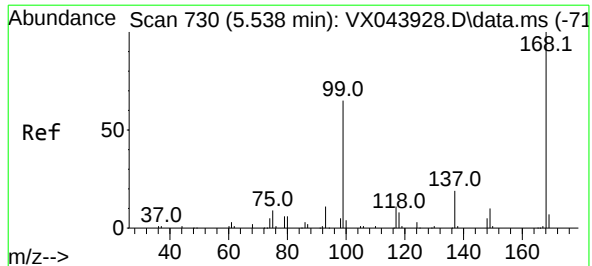
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044098.D
Acq On : 03 Dec 2024 17:14
Operator : JC/MD
Sample : P5006-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-2

Quant Time: Dec 04 00:12:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 73

Delta R.T. 0.012 min

Lab File: VX044098.D

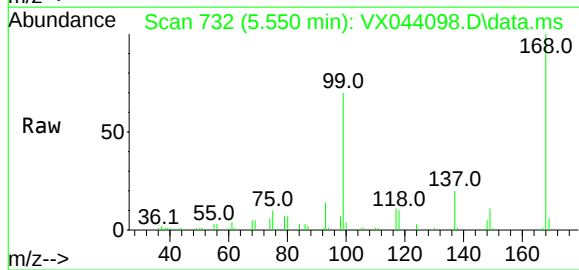
Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-2

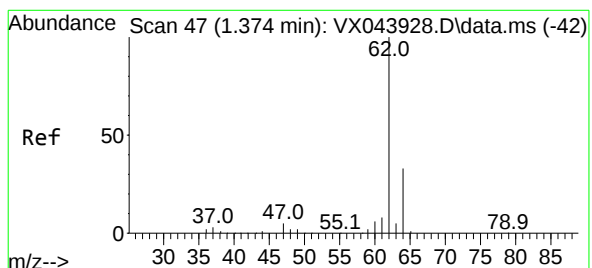
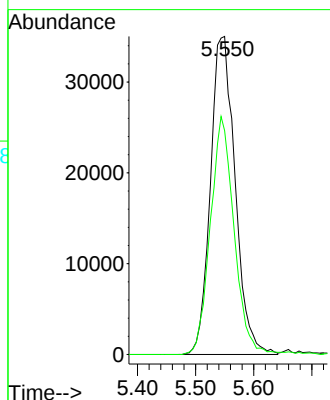
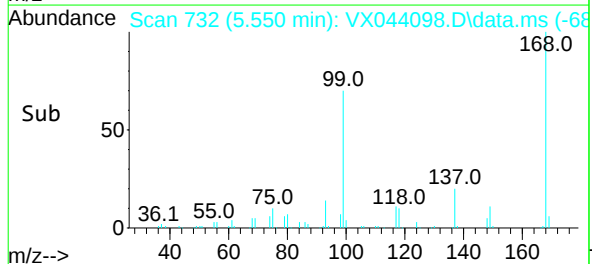


Tgt Ion:168 Resp: 103374

Ion Ratio Lower Upper

168 100

99 70.4 51.8 77.8



#4

Vinyl Chloride

Concen: 1.530 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX044098.D

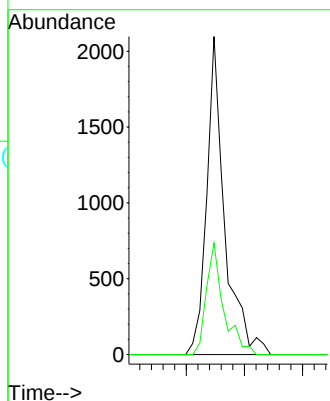
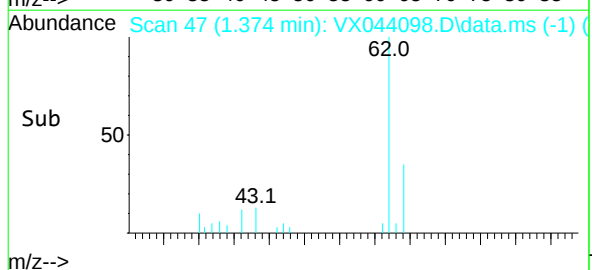
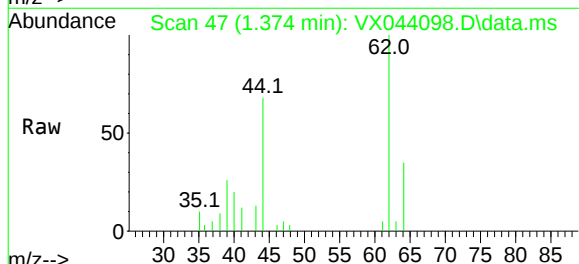
Acq: 03 Dec 2024 17:14

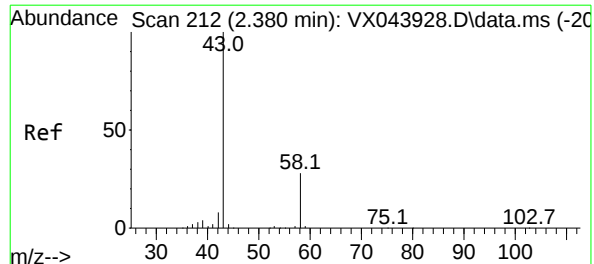
Tgt Ion: 62 Resp: 2243

Ion Ratio Lower Upper

62 100

64 35.1 26.2 39.4





#16

Acetone

Concen: 23.065 ug/l

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044098.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

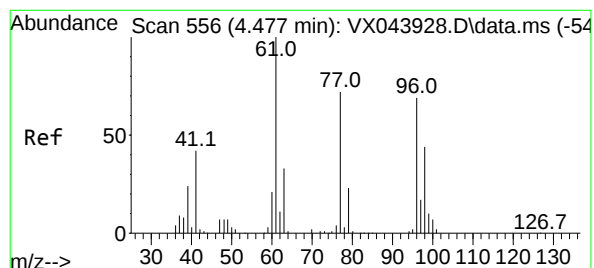
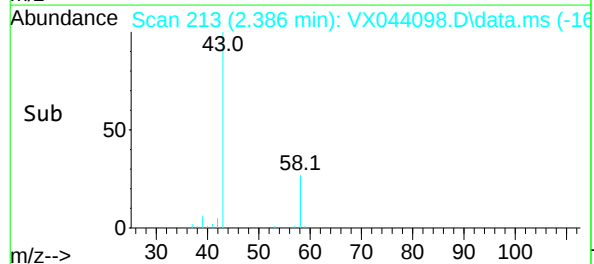
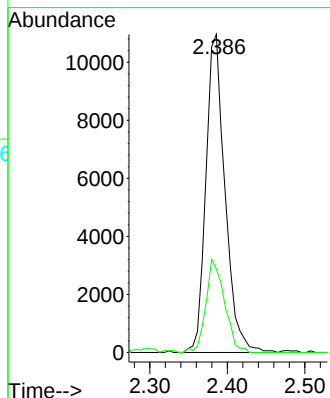
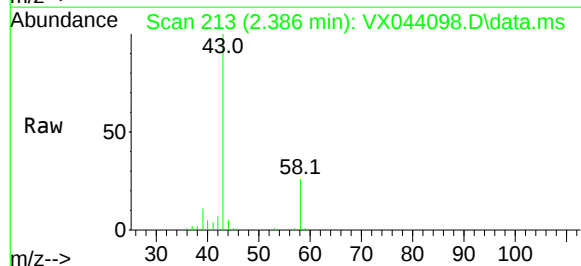
SPLP-C10-2

Tgt Ion: 43 Resp: 18783

Ion Ratio Lower Upper

43 100

58 26.2 22.7 34.1



#27

cis-1,2-Dichloroethene

Concen: 24.629 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044098.D

Acq: 03 Dec 2024 17:14

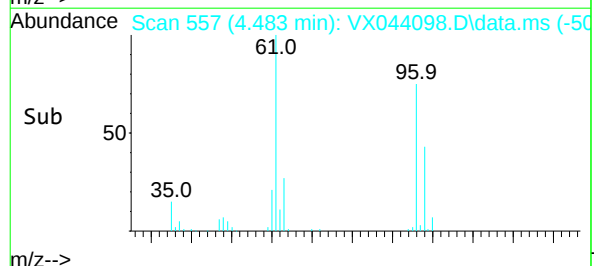
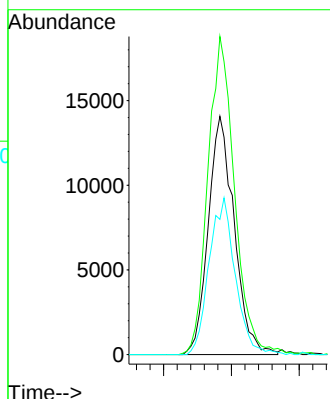
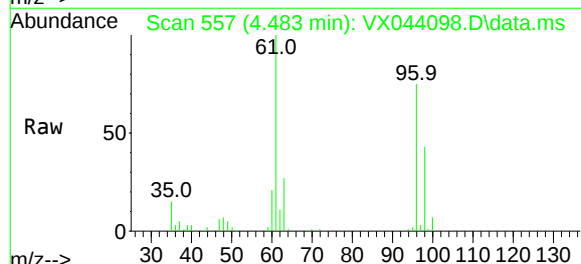
Tgt Ion: 96 Resp: 37440

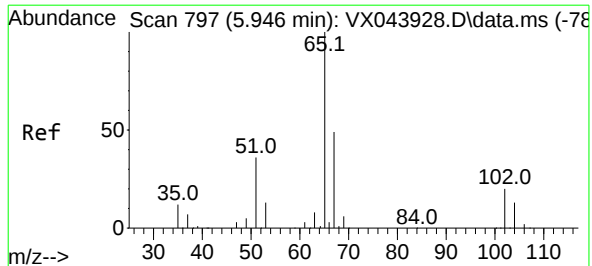
Ion Ratio Lower Upper

96 100

61 136.7 0.0 297.4

98 66.2 0.0 127.8

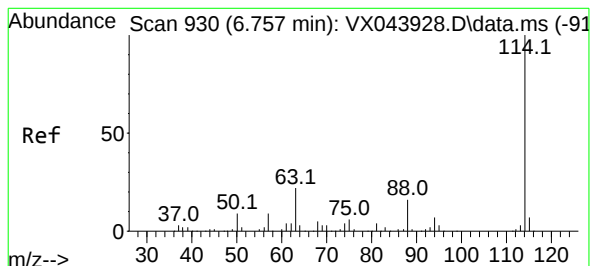
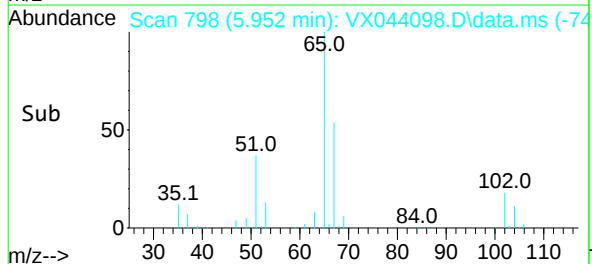
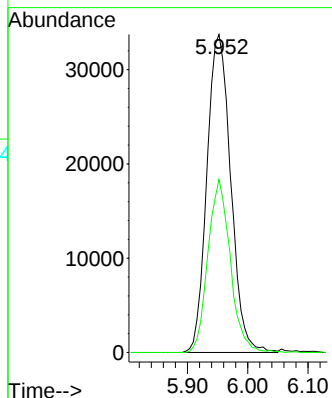
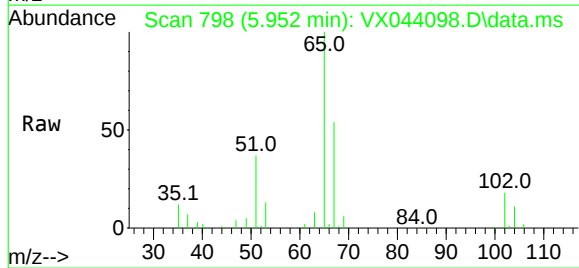




#33
1,2-Dichloroethane-d4
Concen: 52.274 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044098.D
Acq: 03 Dec 2024 17:14

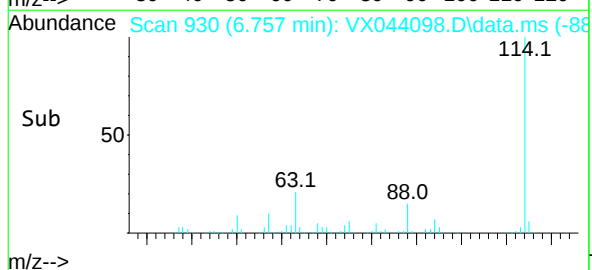
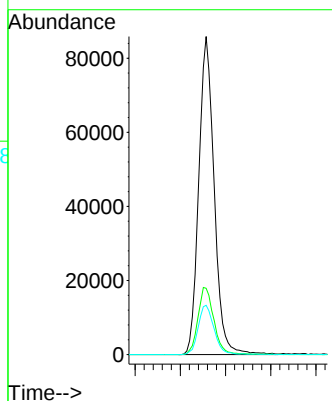
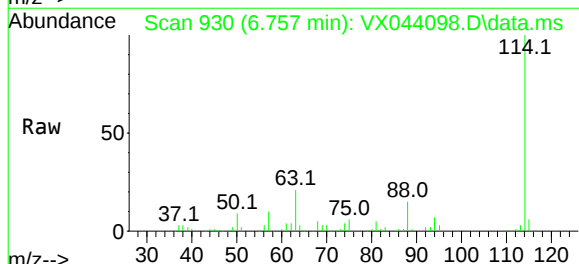
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-2

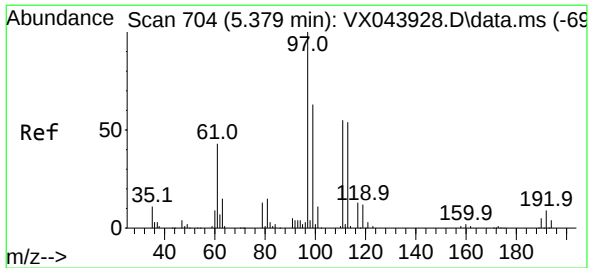
Tgt Ion: 65 Resp: 92684
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044098.D
Acq: 03 Dec 2024 17:14

Tgt Ion: 114 Resp: 203524
Ion Ratio Lower Upper
114 100
63 20.8 0.0 44.0
88 15.5 0.0 32.4





#35

Dibromofluoromethane

Concen: 35.015 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044098.D

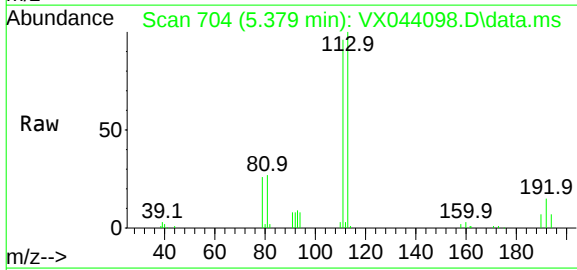
Acq: 03 Dec 2024 17:14

Instrument :

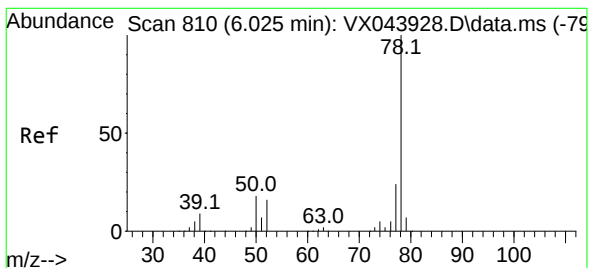
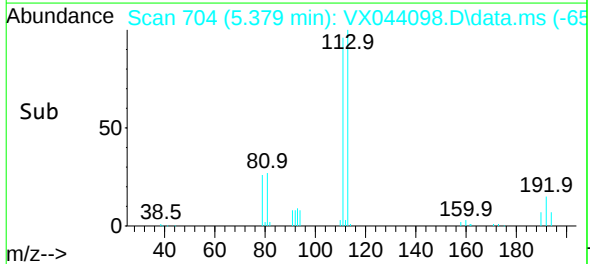
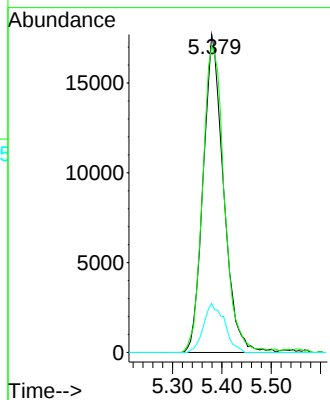
MSVOA_X

ClientSampleId :

SPLP-C10-2



Tgt Ion:	113	Resp:	50922
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.0	121.4
192	15.9	13.0	19.6



#40

Benzene

Concen: 155.886 ug/l

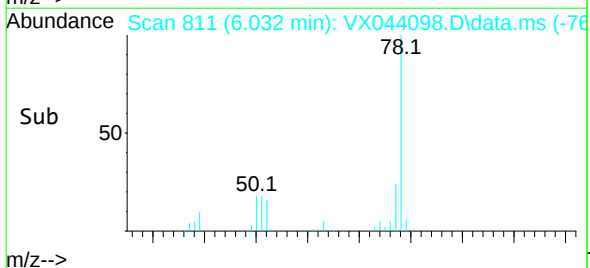
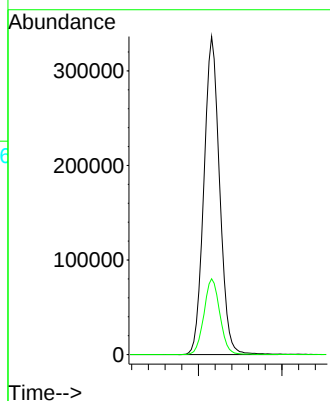
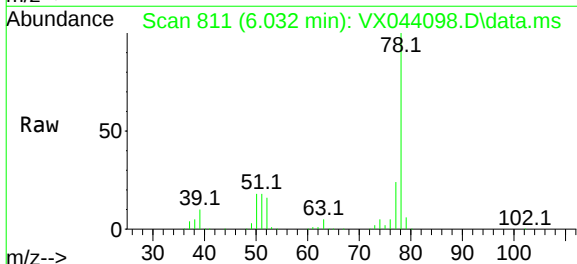
RT: 6.032 min Scan# 811

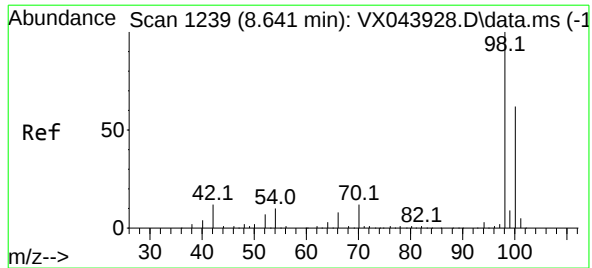
Delta R.T. 0.006 min

Lab File: VX044098.D

Acq: 03 Dec 2024 17:14

Tgt Ion:	78	Resp:	879965
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





#50

Toluene-d8

Concen: 50.492 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044098.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

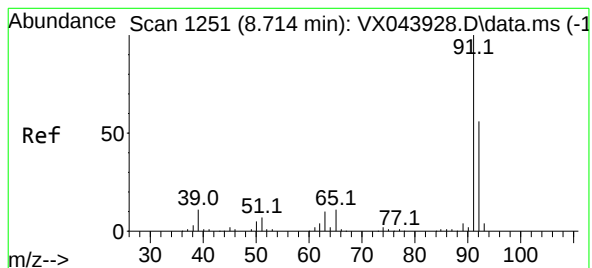
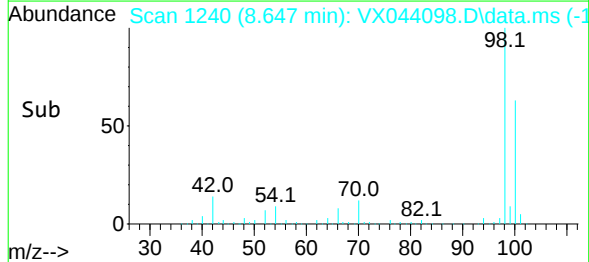
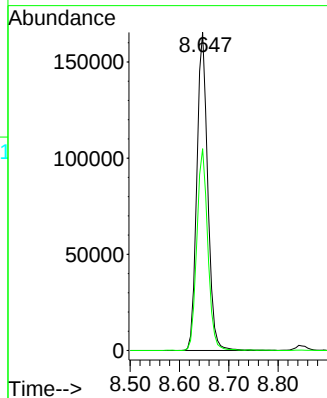
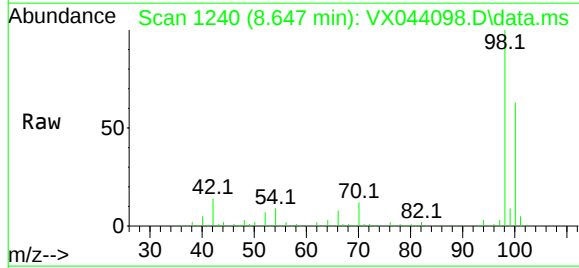
SPLP-C10-2

Tgt Ion: 98 Resp: 253118

Ion Ratio Lower Upper

98 100

100 64.0 52.6 79.0



#52

Toluene

Concen: 323.476 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044098.D

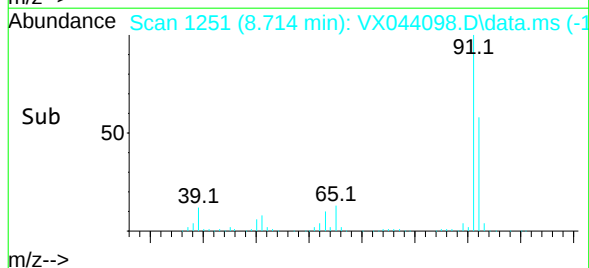
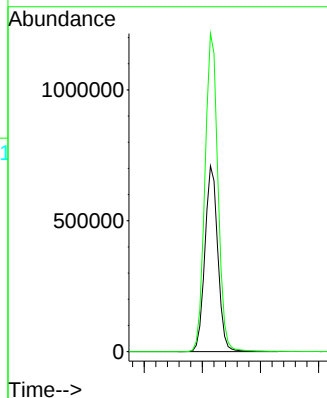
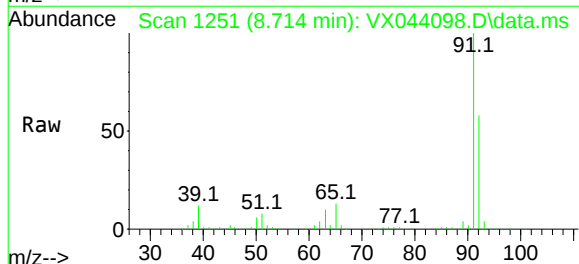
Acq: 03 Dec 2024 17:14

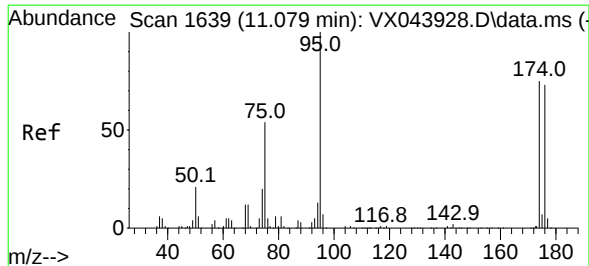
Tgt Ion: 92 Resp: 1092912

Ion Ratio Lower Upper

92 100

91 173.0 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.549 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044098.D

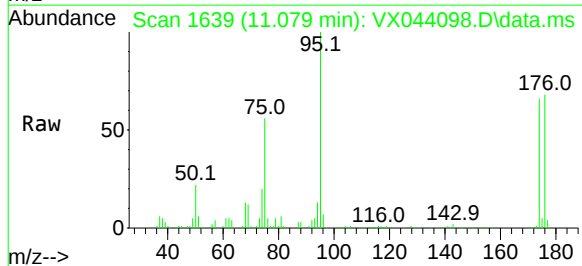
Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-2



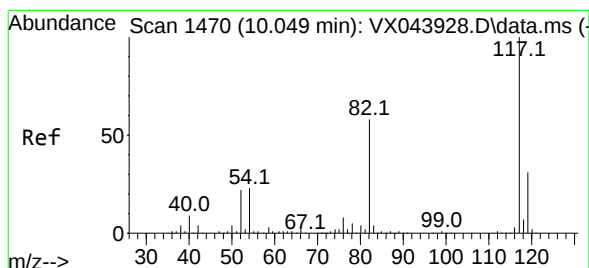
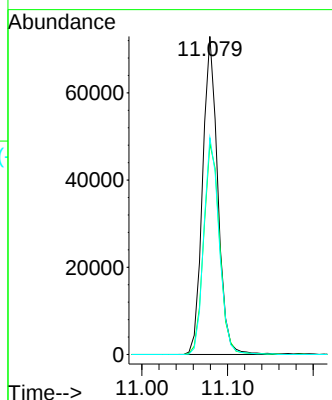
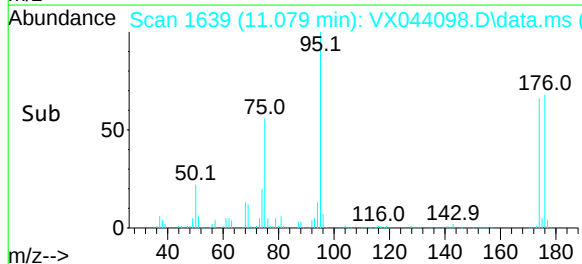
Tgt Ion: 95 Resp: 89652

Ion Ratio Lower Upper

95 100

174 69.6 0.0 150.4

176 69.2 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044098.D

Acq: 03 Dec 2024 17:14

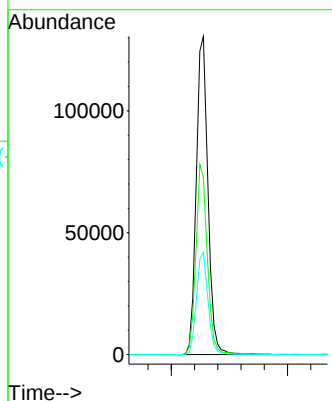
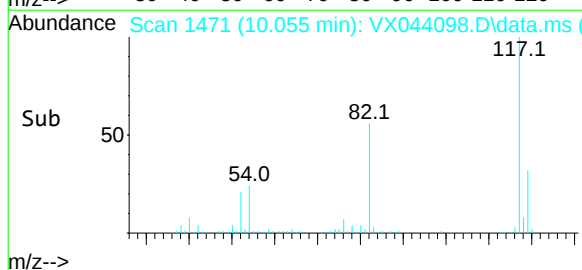
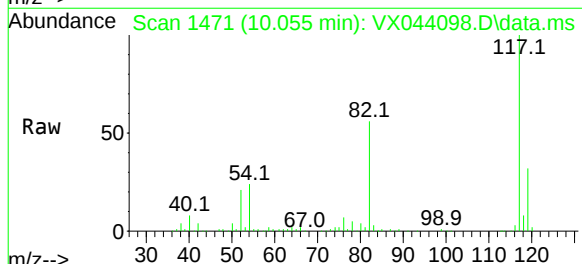
Tgt Ion: 117 Resp: 182011

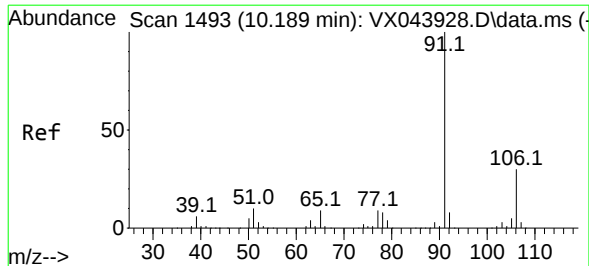
Ion Ratio Lower Upper

117 100

82 55.7 46.4 69.6

119 32.2 24.6 37.0





#67

Ethyl Benzene

Concen: 585.814 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044098.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

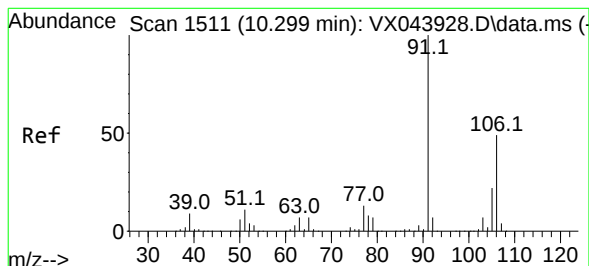
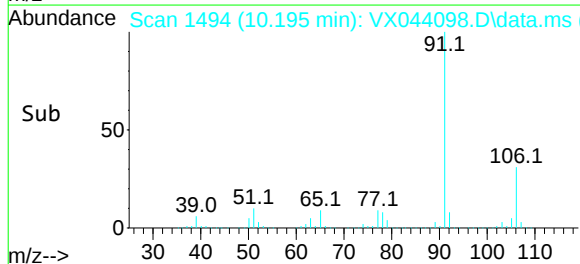
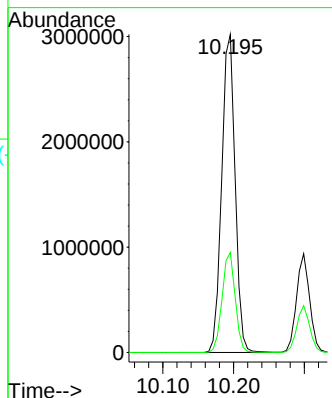
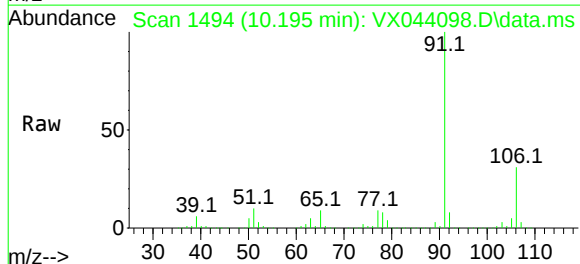
SPLP-C10-2

Tgt Ion: 91 Resp: 3968143

Ion Ratio Lower Upper

91 100

106 31.4 23.6 35.4



#68

m/p-Xylenes

Concen: 225.107 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044098.D

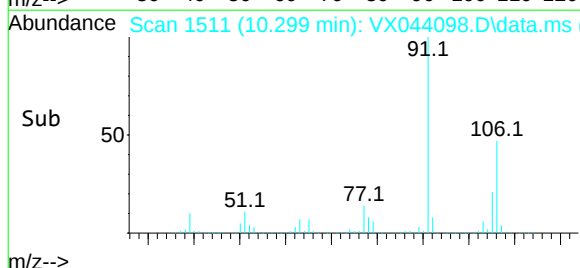
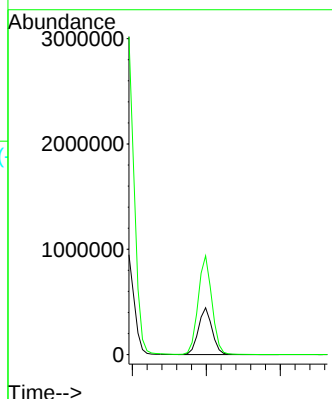
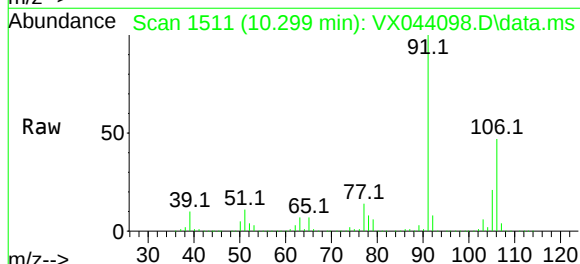
Acq: 03 Dec 2024 17:14

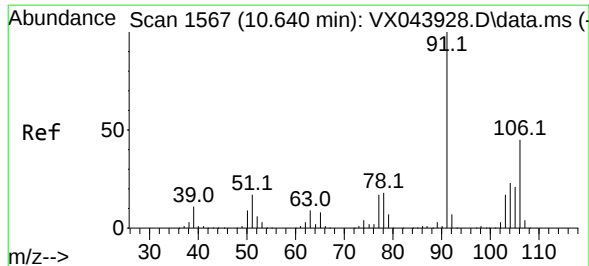
Tgt Ion: 106 Resp: 568636

Ion Ratio Lower Upper

106 100

91 213.0 168.1 252.1





#69

o-Xylene

Concen: 157.946 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044098.D

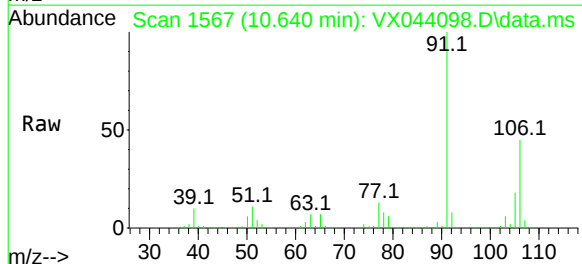
Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-2

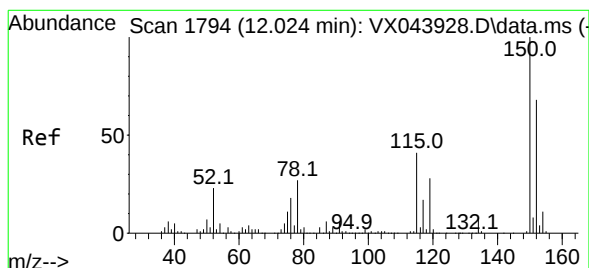
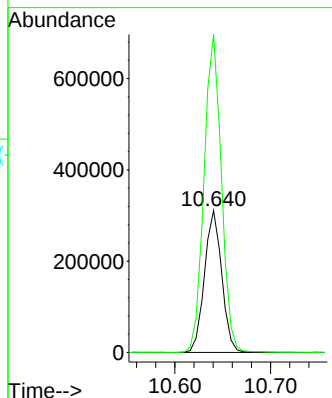
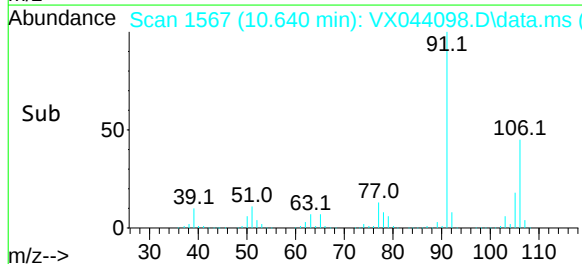


Tgt Ion:106 Resp: 389550

Ion Ratio Lower Upper

106 100

91 226.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

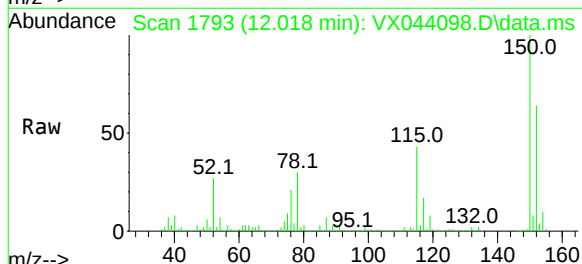
Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044098.D

Acq: 03 Dec 2024 17:14



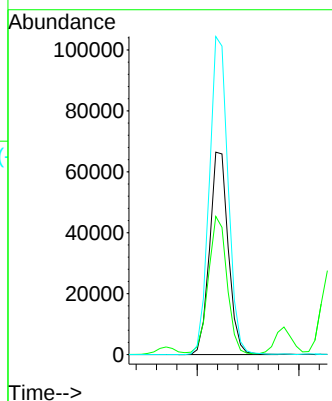
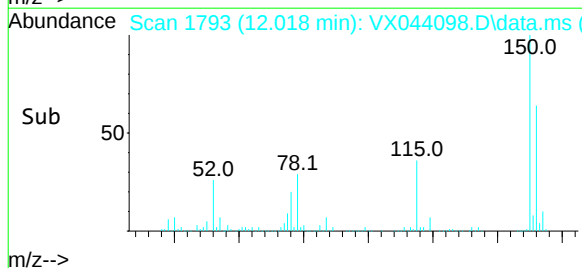
Tgt Ion:152 Resp: 84668

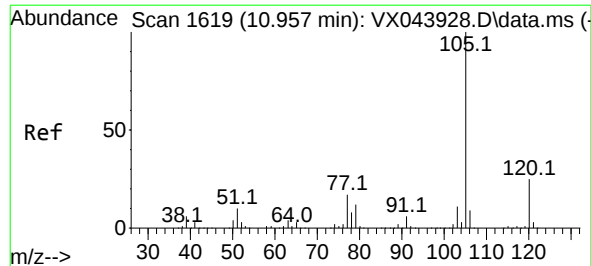
Ion Ratio Lower Upper

152 100

115 67.3 45.4 136.2

150 158.0 0.0 353.0





#73

Isopropylbenzene

Concen: 23.371 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044098.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

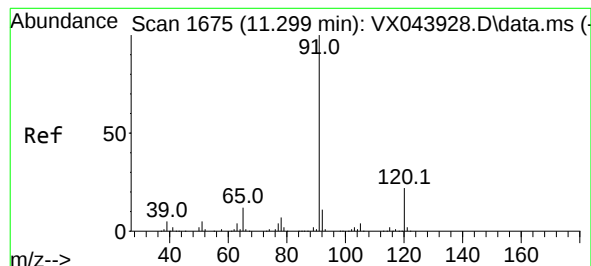
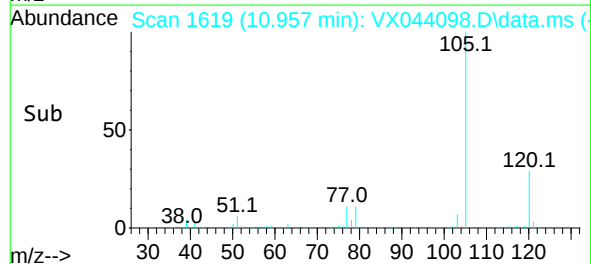
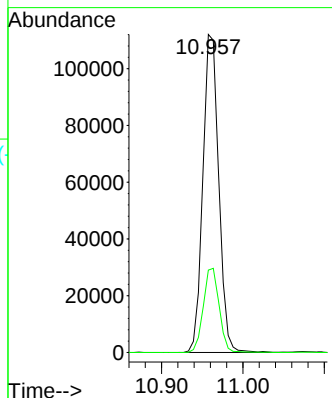
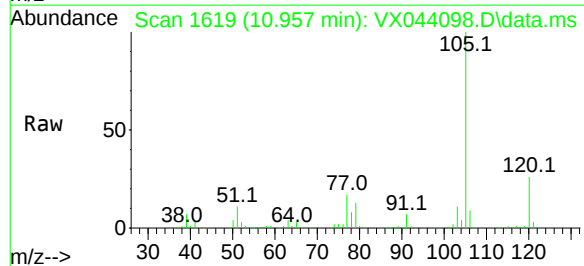
SPLP-C10-2

Tgt Ion:105 Resp: 152105

Ion Ratio Lower Upper

105 100

120 26.5 13.0 38.9



#78

n-propylbenzene

Concen: 7.172 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044098.D

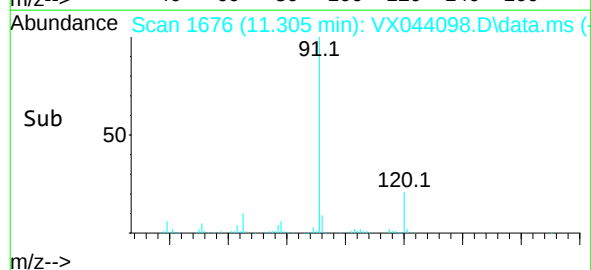
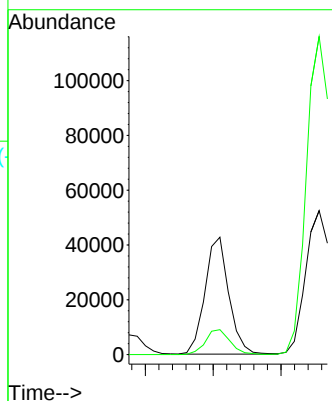
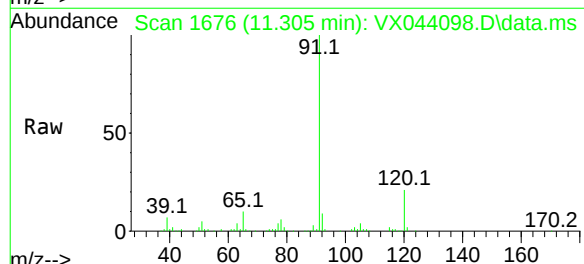
Acq: 03 Dec 2024 17:14

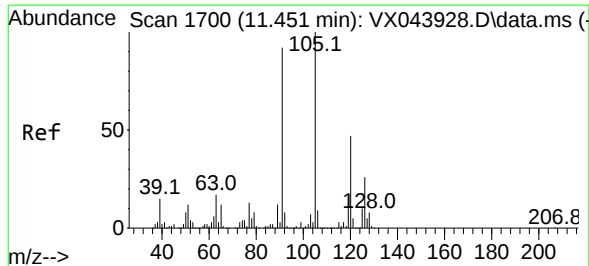
Tgt Ion: 91 Resp: 52135

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 25.350 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044098.D

Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

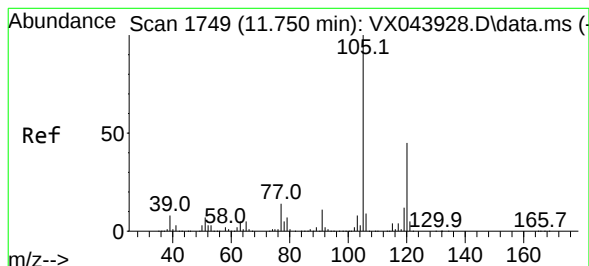
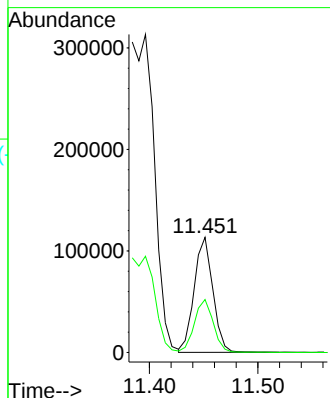
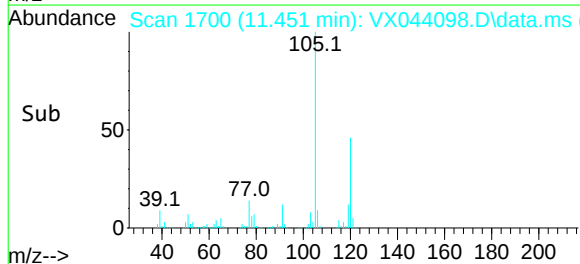
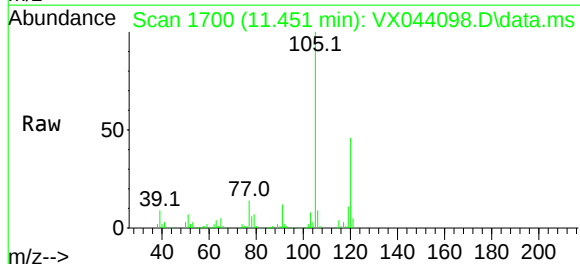
SPLP-C10-2

Tgt Ion:105 Resp: 135738

Ion Ratio Lower Upper

105 100

120 46.9 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 92.479 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044098.D

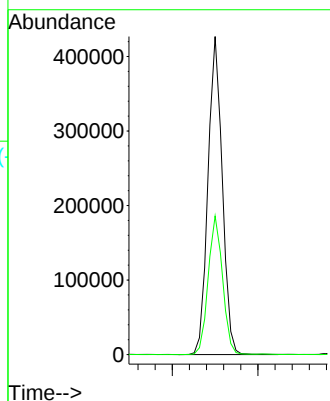
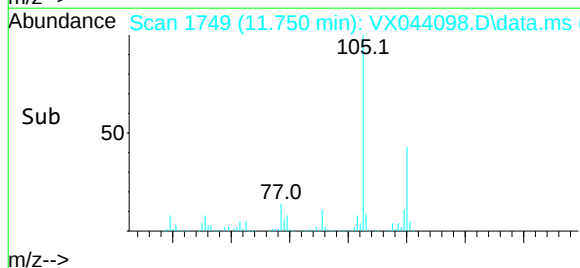
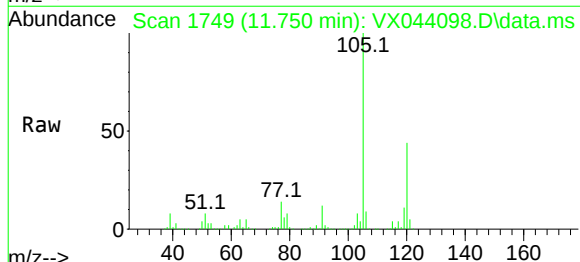
Acq: 03 Dec 2024 17:14

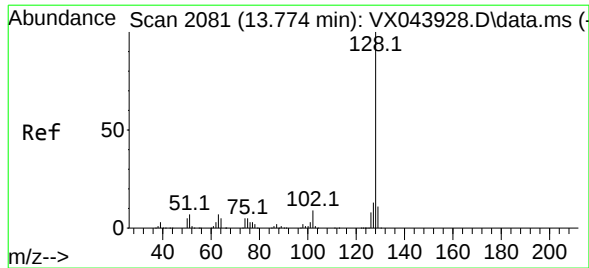
Tgt Ion:105 Resp: 492995

Ion Ratio Lower Upper

105 100

120 43.9 21.9 65.7





#95

Naphthalene

Concen: 3145.093 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044098.D

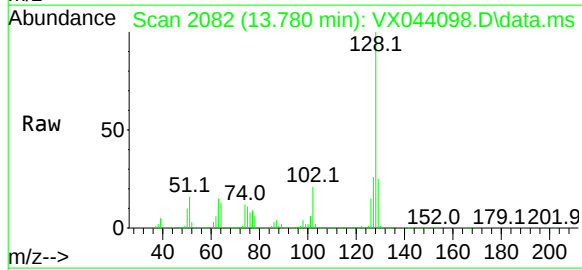
Acq: 03 Dec 2024 17:14

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-2



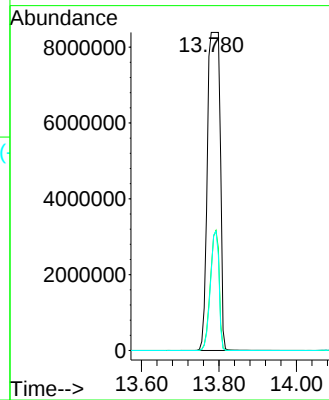
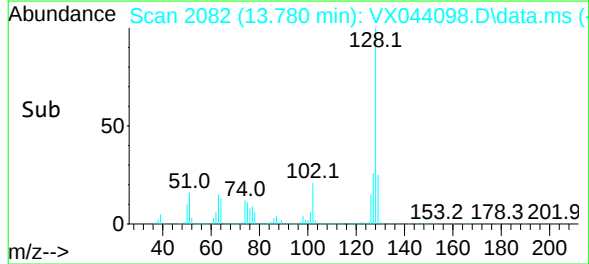
Tgt Ion:128 Resp:19047283

Ion Ratio Lower Upper

128 100

127 26.3 10.2 15.2#

129 25.3 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-2DL	SDG No.:	P5006
Lab Sample ID:	P5006-10DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044118.D	20		12/04/24 15:43	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.20	UD	4.20	100	ug/L
74-87-3	Chloromethane	7.00	UD	7.00	100	ug/L
75-01-4	Vinyl Chloride	6.80	UD	6.80	100	ug/L
74-83-9	Bromomethane	27.2	UD	27.2	100	ug/L
75-00-3	Chloroethane	11.2	UD	11.2	100	ug/L
75-69-4	Trichlorofluoromethane	6.80	UD	6.80	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5.00	100	ug/L
75-35-4	1,1-Dichloroethene	5.20	UD	5.20	100	ug/L
67-64-1	Acetone	27.8	UD	27.8	500	ug/L
75-15-0	Carbon Disulfide	6.40	UD	6.40	100	ug/L
1634-04-4	Methyl tert-butyl Ether	3.20	UD	3.20	100	ug/L
79-20-9	Methyl Acetate	12.0	UD	12.0	100	ug/L
75-09-2	Methylene Chloride	6.40	UD	6.40	100	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	UD	5.00	100	ug/L
75-34-3	1,1-Dichloroethane	4.60	UD	4.60	100	ug/L
110-82-7	Cyclohexane	32.4	UD	32.4	100	ug/L
78-93-3	2-Butanone	26.0	UD	26.0	500	ug/L
56-23-5	Carbon Tetrachloride	5.00	UD	5.00	100	ug/L
156-59-2	cis-1,2-Dichloroethene	22.2	JD	5.00	100	ug/L
74-97-5	Bromochloromethane	3.60	UD	3.60	100	ug/L
67-66-3	Chloroform	5.20	UD	5.20	100	ug/L
71-55-6	1,1,1-Trichloroethane	3.80	UD	3.80	100	ug/L
108-87-2	Methylcyclohexane	3.80	UD	3.80	100	ug/L
71-43-2	Benzene	160	D	3.20	100	ug/L
107-06-2	1,2-Dichloroethane	4.80	UD	4.80	100	ug/L
79-01-6	Trichloroethene	6.40	UD	6.40	100	ug/L
78-87-5	1,2-Dichloropropane	3.80	UD	3.80	100	ug/L
75-27-4	Bromodichloromethane	4.80	UD	4.80	100	ug/L
108-10-1	4-Methyl-2-Pentanone	15.0	UD	15.0	500	ug/L
108-88-3	Toluene	310	D	3.60	100	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-2DL	SDG No.:	P5006
Lab Sample ID:	P5006-10DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044118.D	20		12/04/24 15:43	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	4.20	UD	4.20	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	3.60	UD	3.60	100	ug/L
79-00-5	1,1,2-Trichloroethane	4.20	UD	4.20	100	ug/L
591-78-6	2-Hexanone	22.6	UD	22.6	500	ug/L
124-48-1	Dibromochloromethane	3.60	UD	3.60	100	ug/L
106-93-4	1,2-Dibromoethane	3.20	UD	3.20	100	ug/L
127-18-4	Tetrachloroethene	5.00	UD	5.00	100	ug/L
108-90-7	Chlorobenzene	2.60	UD	2.60	100	ug/L
100-41-4	Ethyl Benzene	570	D	3.20	100	ug/L
179601-23-1	m/p-Xylenes	220	D	6.20	200	ug/L
95-47-6	o-Xylene	160	D	2.80	100	ug/L
100-42-5	Styrene	3.20	UD	3.20	100	ug/L
75-25-2	Bromoform	4.20	UD	4.20	100	ug/L
98-82-8	Isopropylbenzene	24.3	JD	2.60	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.40	UD	5.40	100	ug/L
541-73-1	1,3-Dichlorobenzene	4.80	UD	4.80	100	ug/L
106-46-7	1,4-Dichlorobenzene	5.40	UD	5.40	100	ug/L
95-50-1	1,2-Dichlorobenzene	3.80	UD	3.80	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	9.20	UD	9.20	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.40	UD	8.40	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	10.2	UD	10.2	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		70 (75) - 130 (124)	92%	SPK: 50
2037-26-5	Toluene-d8	50.1		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	106000	5.55			
540-36-3	1,4-Difluorobenzene	202000	6.757			
3114-55-4	Chlorobenzene-d5	175000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	74900	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-2DL	SDG No.:	P5006
Lab Sample ID:	P5006-10DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044118.D	20		12/04/24 15:43	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044118.D
 Acq On : 04 Dec 2024 15:43
 Operator : JC/MD
 Sample : P5006-10DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C10-2DL

Quant Time: Dec 05 00:28:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	105677	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	201675	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175270	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94308	52.031	ug/l	0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.060%
35) Dibromofluoromethane	5.379	113	66594	46.212	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.420%
50) Toluene-d8	8.647	98	248998	50.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.260%
62) 4-Bromofluorobenzene	11.079	95	86307	51.052	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.100%

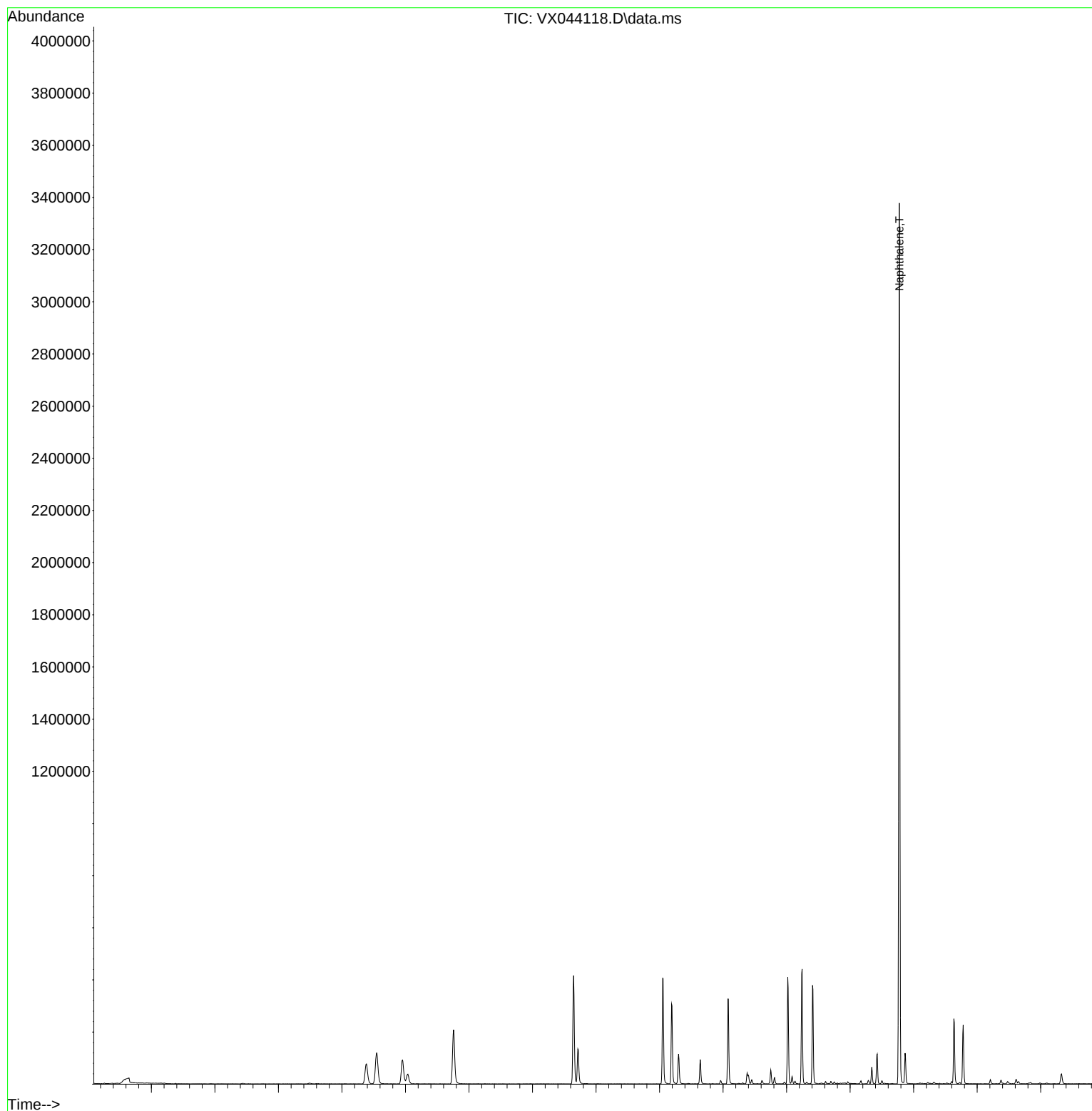
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	4.483	96	1723	1.109	ug/l	93
40) Benzene	6.038	78	44054	7.876	ug/l	98
52) Toluene	8.714	92	51529	15.391	ug/l	98
67) Ethyl Benzene	10.189	91	185446	28.430	ug/l	99
68) m/p-Xylenes	10.299	106	26667	10.963	ug/l	98
69) o-Xylene	10.640	106	19428	8.180	ug/l	95
73) Isopropylbenzene	10.957	105	7004	1.216	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	6984	1.474	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	23088	4.895	ug/l	99
95) Naphthalene	13.774	128	1843051	343.935	ug/l	99

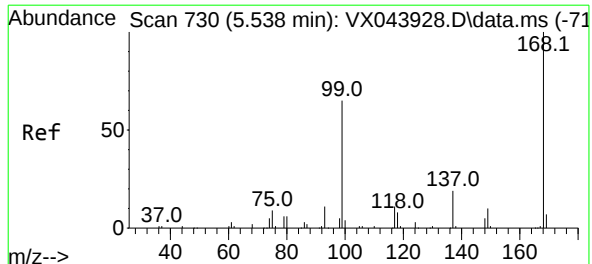
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044118.D
Acq On : 04 Dec 2024 15:43
Operator : JC/MD
Sample : P5006-10DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-2DL

Quant Time: Dec 05 00:28:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 73

Delta R.T. 0.012 min

Lab File: VX044118.D

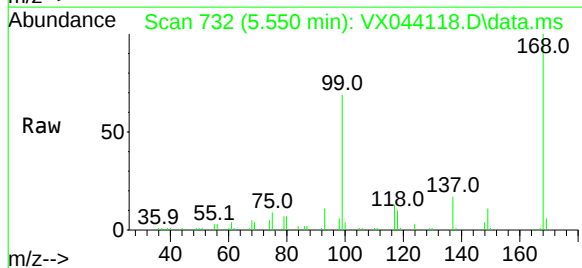
Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-2DL

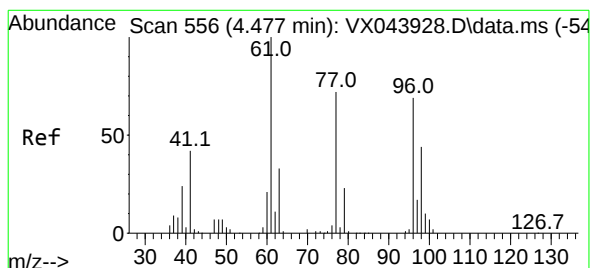
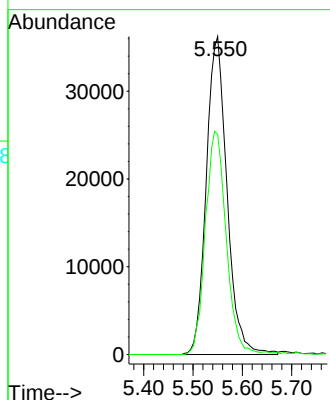
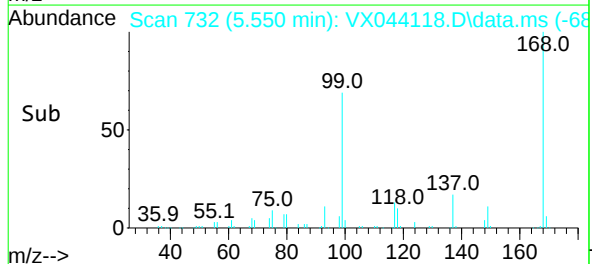


Tgt Ion:168 Resp: 105677

Ion Ratio Lower Upper

168 100

99 69.2 51.8 77.8



#27

cis-1,2-Dichloroethene

Concen: 1.109 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.006 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

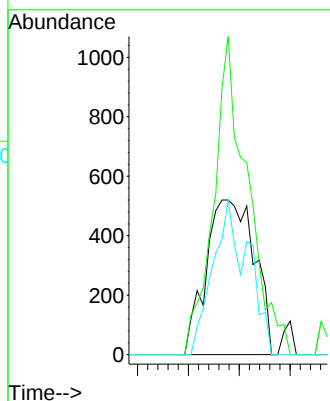
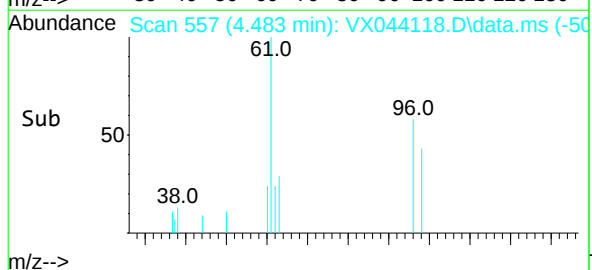
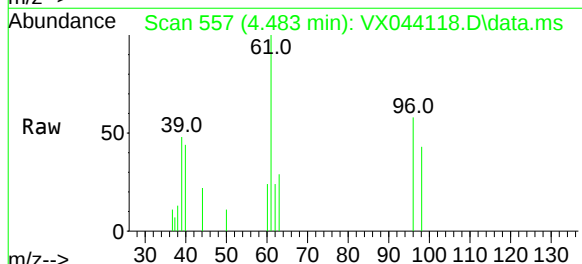
Tgt Ion: 96 Resp: 1723

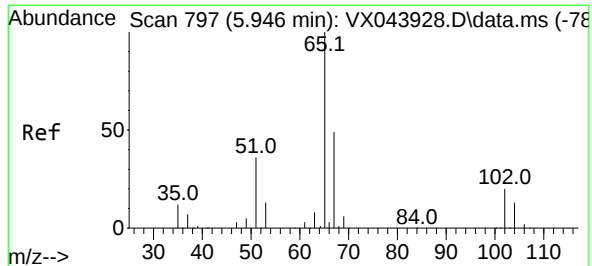
Ion Ratio Lower Upper

96 100

61 144.7 0.0 297.4

98 50.9 0.0 127.8





#33

1,2-Dichloroethane-d4

Concen: 52.031 ug/l

RT: 5.958 min Scan# 79

Delta R.T. 0.012 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

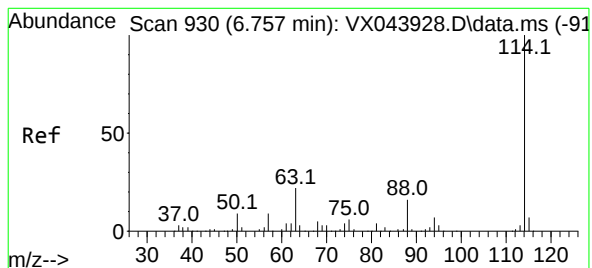
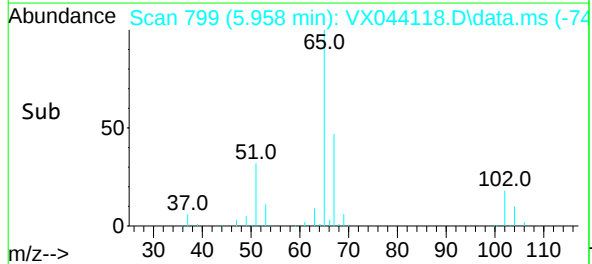
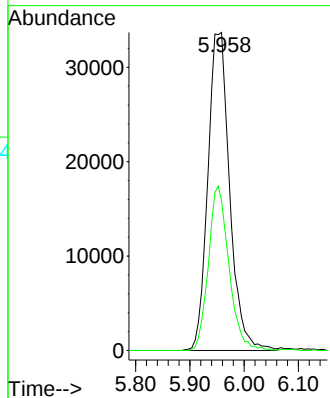
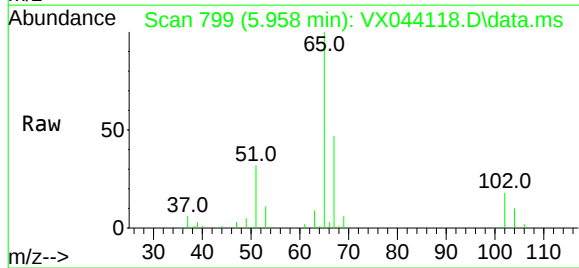
SPLP-C10-2DL

Tgt Ion: 65 Resp: 94308

Ion Ratio Lower Upper

65 100

67 48.6 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

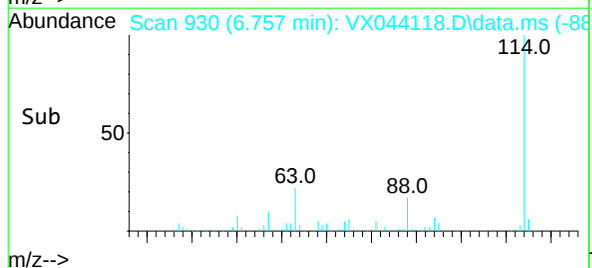
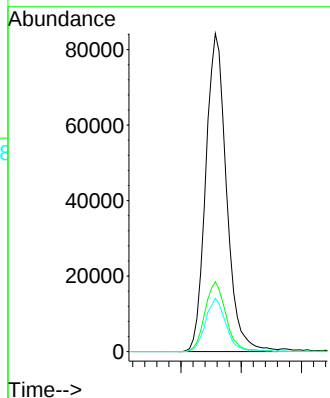
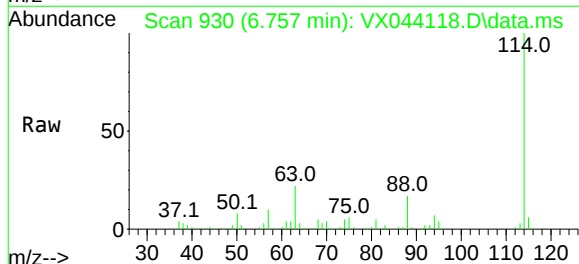
Tgt Ion: 114 Resp: 201675

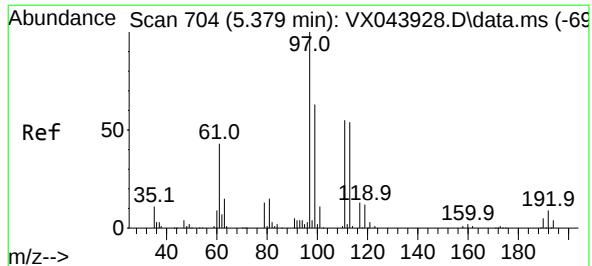
Ion Ratio Lower Upper

114 100

63 22.0 0.0 44.0

88 16.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 46.212 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044118.D

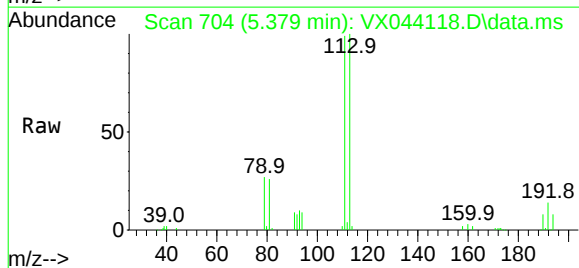
Acq: 04 Dec 2024 15:43

Instrument :

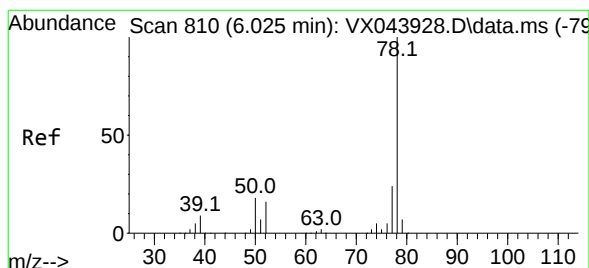
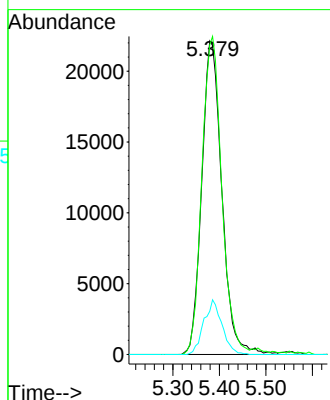
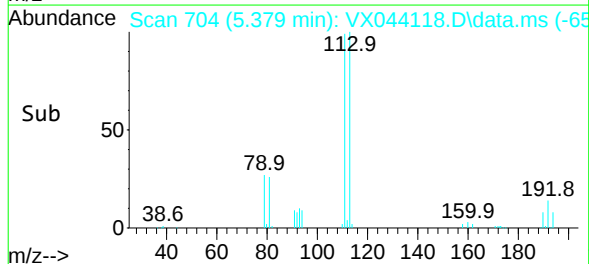
MSVOA_X

ClientSampleId :

SPLP-C10-2DL



Tgt Ion:	113	Resp:	66594
Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.0	121.4
192	15.8	13.0	19.6



#40

Benzene

Concen: 7.876 ug/l

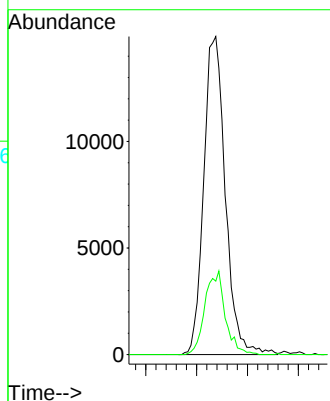
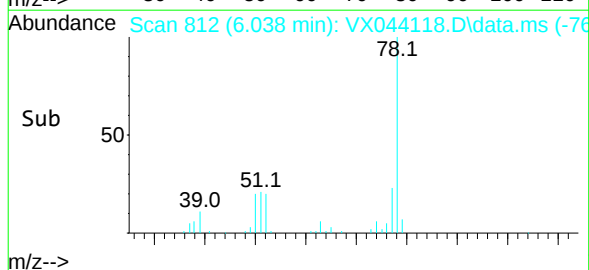
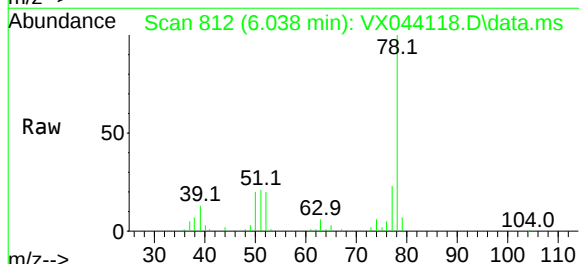
RT: 6.038 min Scan# 812

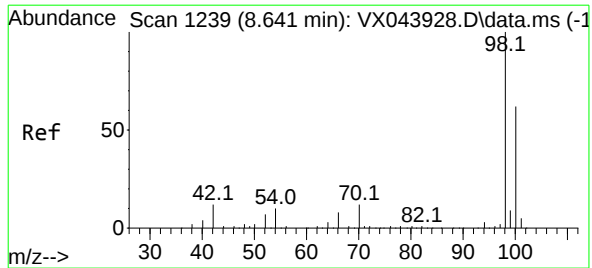
Delta R.T. 0.012 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Tgt Ion:	78	Resp:	44054
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





#50

Toluene-d8

Concen: 50.125 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044118.D

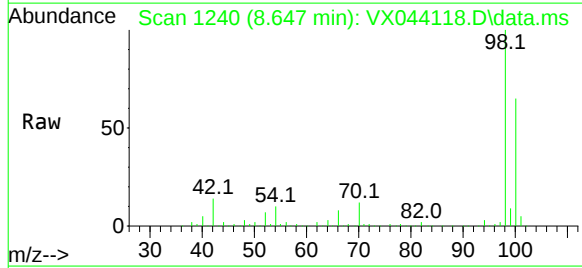
Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-2DL

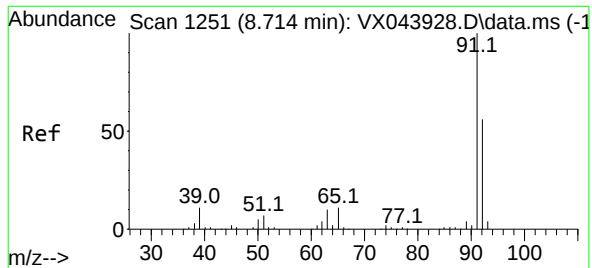
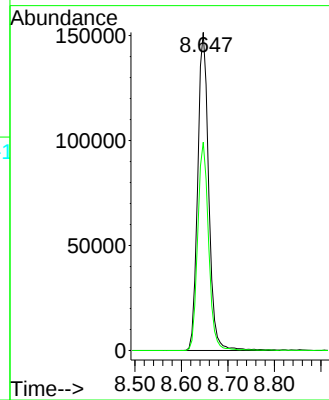
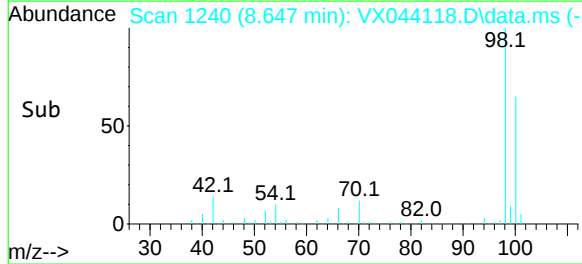


Tgt Ion: 98 Resp: 248998

Ion Ratio Lower Upper

98 100

100 64.6 52.6 79.0



#52

Toluene

Concen: 15.391 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044118.D

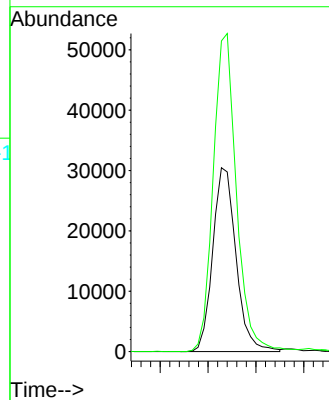
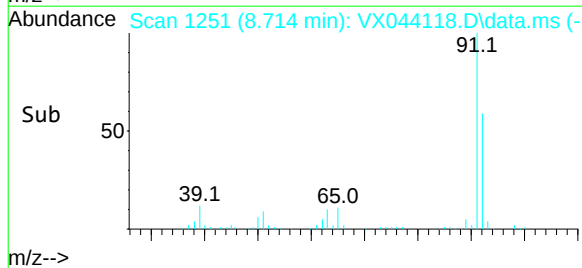
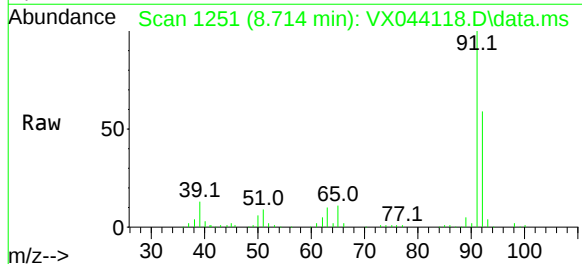
Acq: 04 Dec 2024 15:43

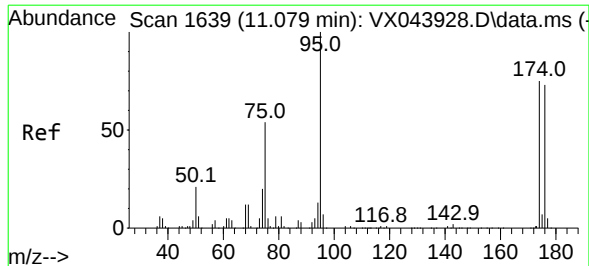
Tgt Ion: 92 Resp: 51529

Ion Ratio Lower Upper

92 100

91 172.3 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 51.052 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044118.D

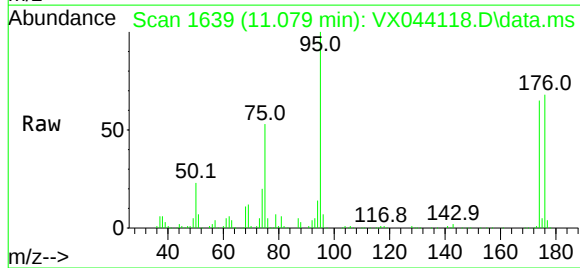
Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-2DL



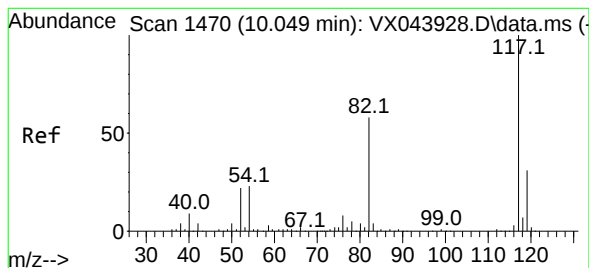
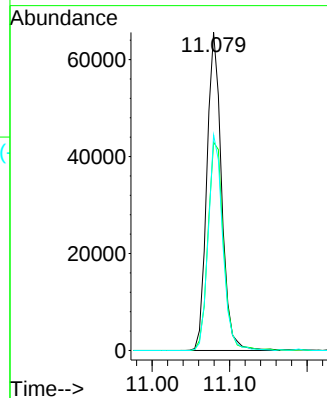
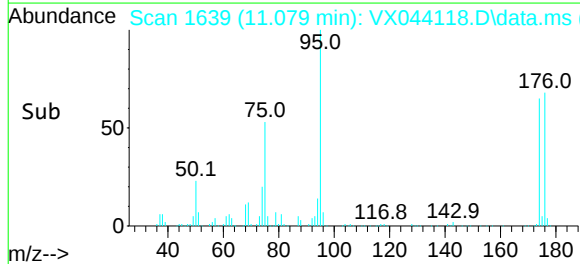
Tgt Ion: 95 Resp: 86307

Ion Ratio Lower Upper

95 100

174 69.2 0.0 150.4

176 67.0 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

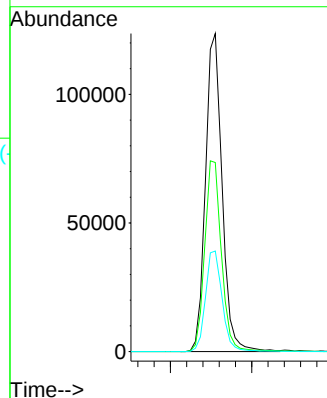
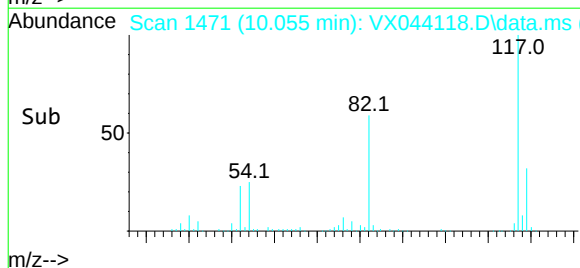
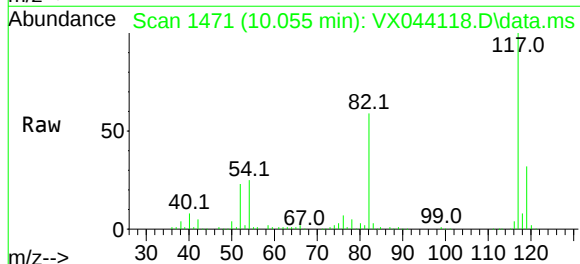
Tgt Ion: 117 Resp: 175270

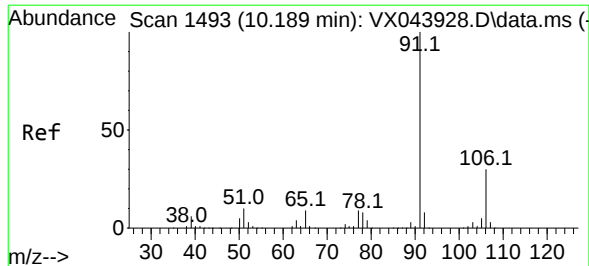
Ion Ratio Lower Upper

117 100

82 59.4 46.4 69.6

119 31.6 24.6 37.0





#67

Ethyl Benzene

Concen: 28.430 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044118.D

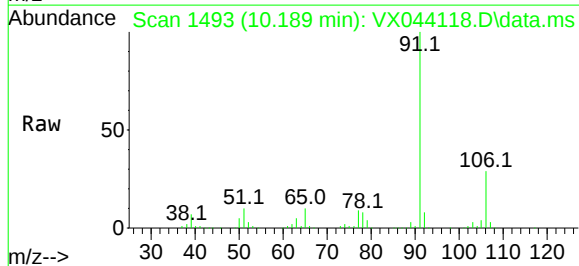
Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-2DL

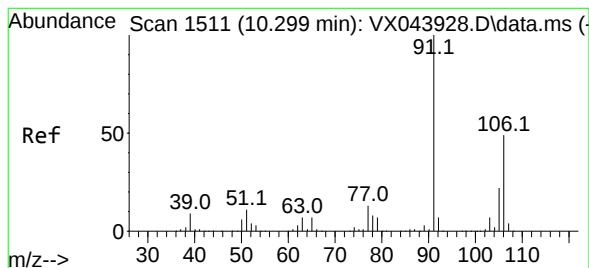
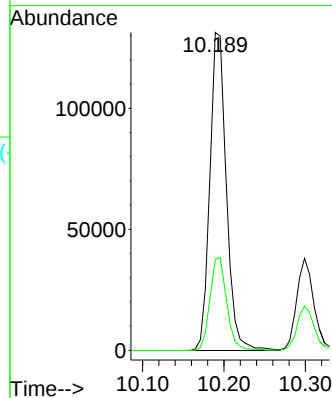
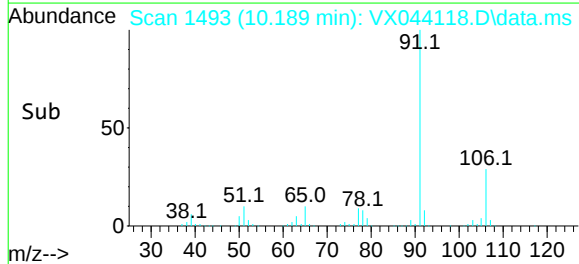


Tgt Ion: 91 Resp: 185446

Ion Ratio Lower Upper

91 100

106 28.7 23.6 35.4



#68

m/p-Xylenes

Concen: 10.963 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044118.D

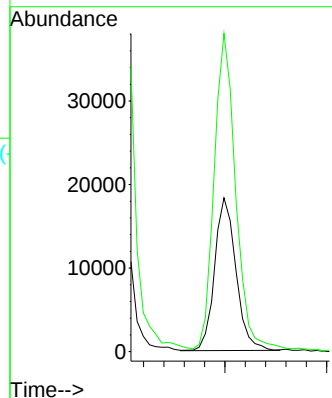
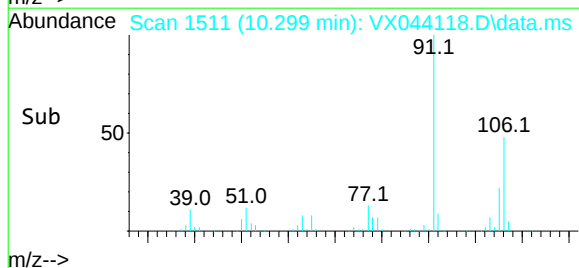
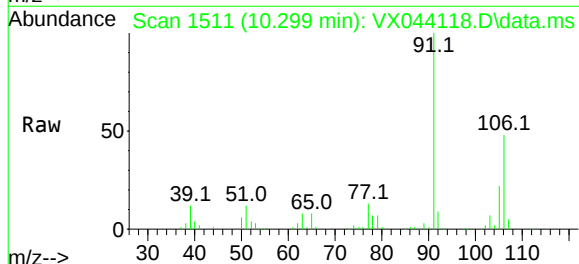
Acq: 04 Dec 2024 15:43

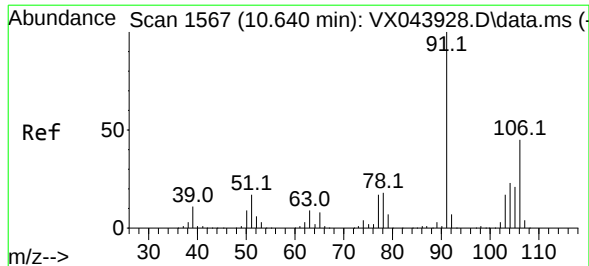
Tgt Ion: 106 Resp: 26667

Ion Ratio Lower Upper

106 100

91 212.9 168.1 252.1





#69

o-Xylene

Concen: 8.180 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

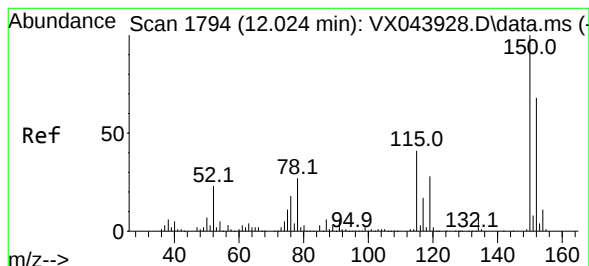
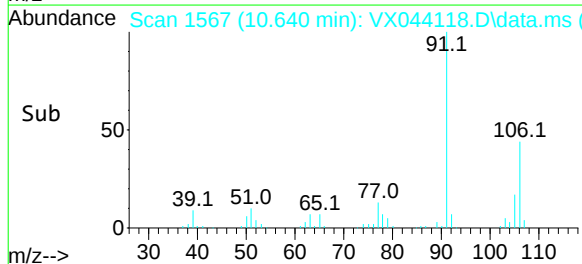
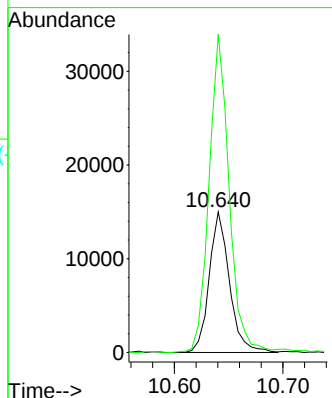
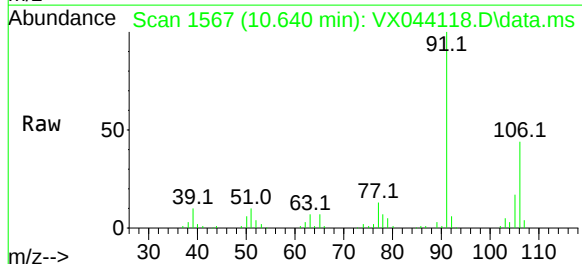
SPLP-C10-2DL

Tgt Ion:106 Resp: 19428

Ion Ratio Lower Upper

106 100

91 228.1 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

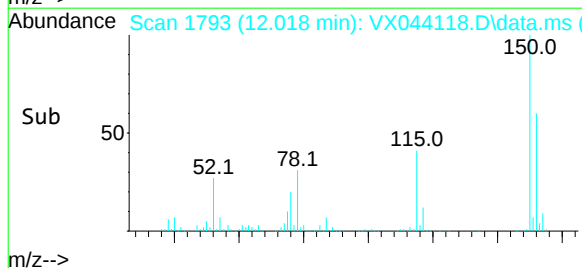
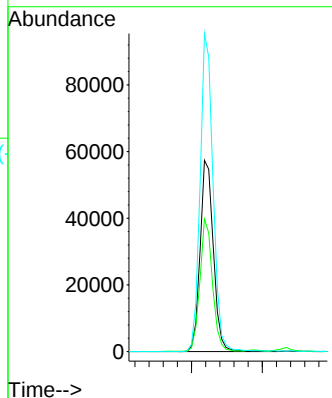
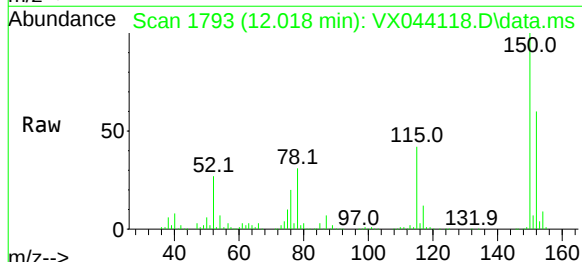
Tgt Ion:152 Resp: 74917

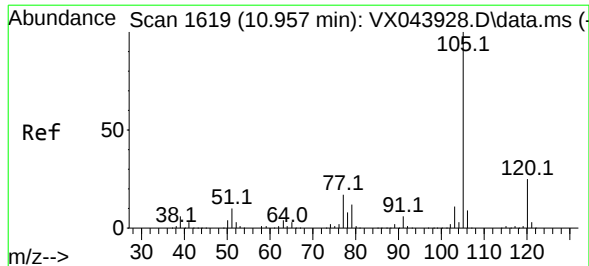
Ion Ratio Lower Upper

152 100

115 65.2 45.4 136.2

150 161.7 0.0 353.0





#73

Isopropylbenzene

Concen: 1.216 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

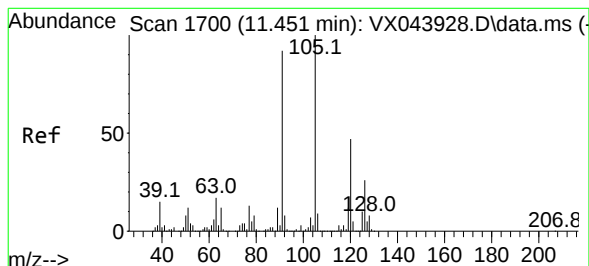
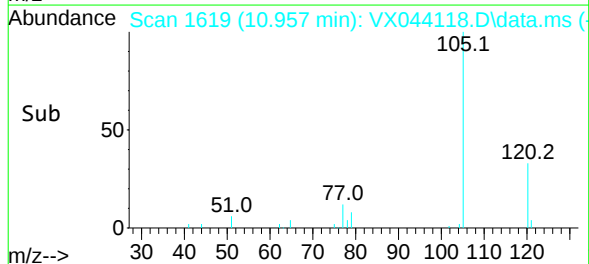
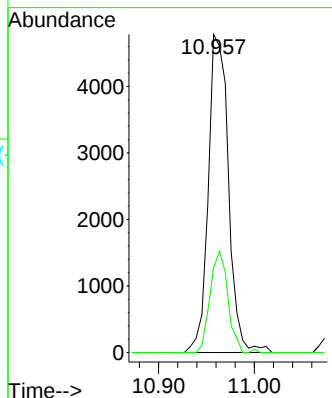
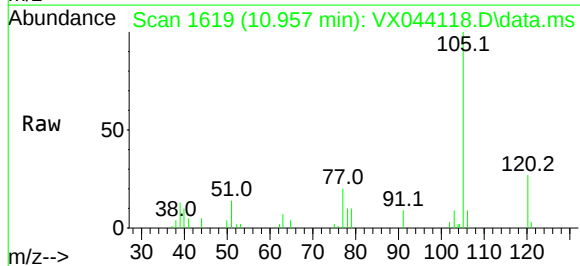
SPLP-C10-2DL

Tgt Ion:105 Resp: 7004

Ion Ratio Lower Upper

105 100

120 27.9 13.0 38.9



#80

1,3,5-Trimethylbenzene

Concen: 1.474 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044118.D

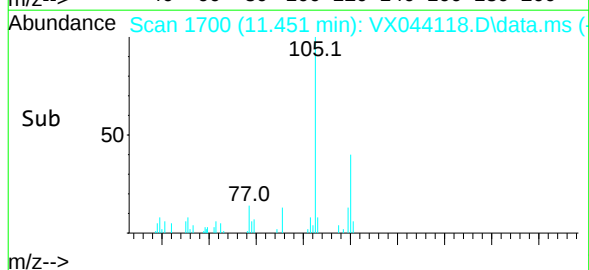
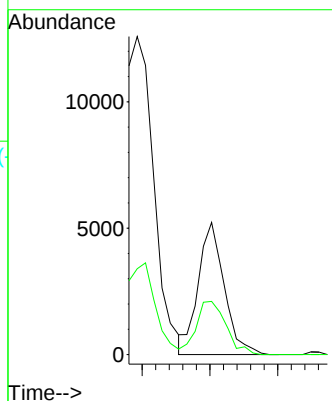
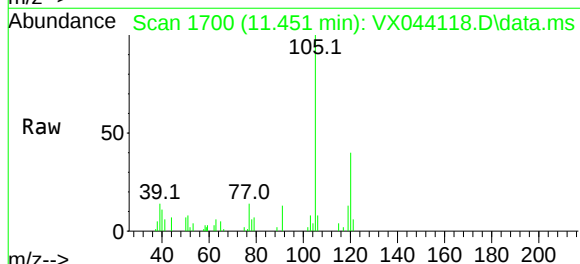
Acq: 04 Dec 2024 15:43

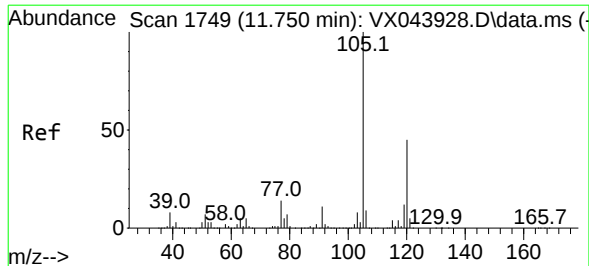
Tgt Ion:105 Resp: 6984

Ion Ratio Lower Upper

105 100

120 46.2 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 4.895 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

Instrument :

MSVOA_X

ClientSampleId :

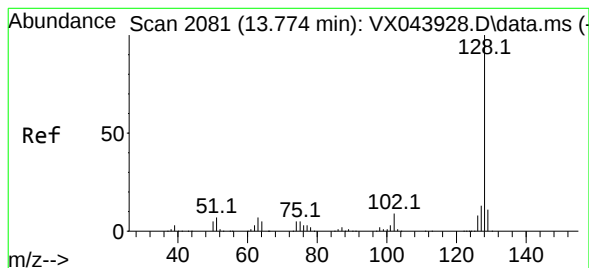
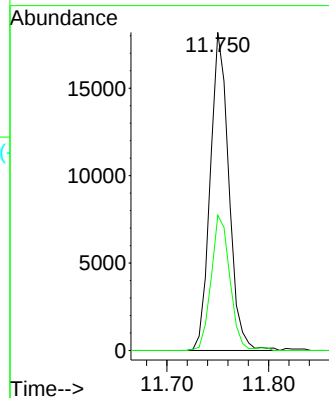
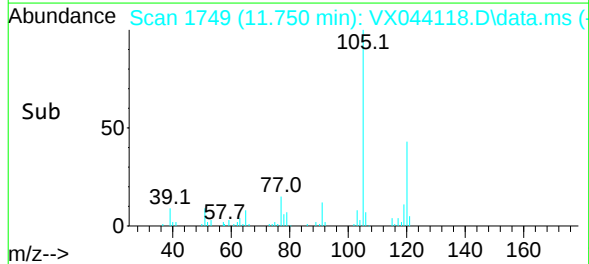
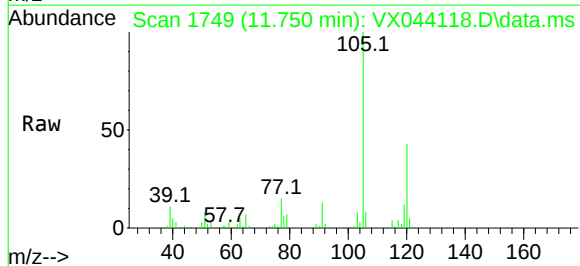
SPLP-C10-2DL

Tgt Ion:105 Resp: 23088

Ion Ratio Lower Upper

105 100

120 43.0 21.9 65.7



#95

Naphthalene

Concen: 343.935 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044118.D

Acq: 04 Dec 2024 15:43

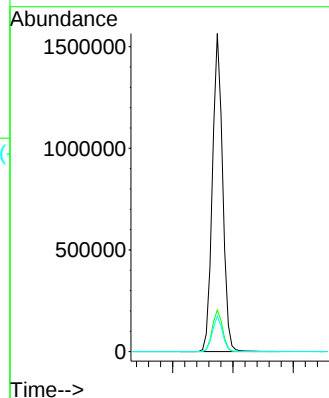
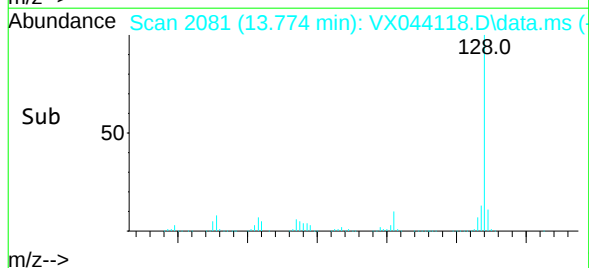
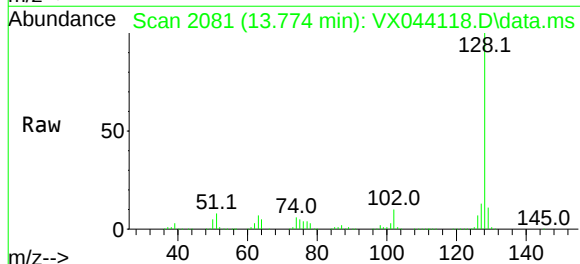
Tgt Ion:128 Resp: 1843051

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.0 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-3	SDG No.:	P5006
Lab Sample ID:	P5006-11	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044099.D	1		12/03/24 17:36	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	15.1	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	7.60		0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	77.6		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	170	E	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-3	SDG No.:	P5006
Lab Sample ID:	P5006-11	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044099.D	1		12/03/24 17:36	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	540	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	180		0.31	10.0	ug/L
95-47-6	o-Xylene	130		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	24.3		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.7		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	37.6		70 (75) - 130 (124)	75%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	105000	5.544			
540-36-3	1,4-Difluorobenzene	204000	6.757			
3114-55-4	Chlorobenzene-d5	175000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	82500	12.024			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-3	SDG No.:	P5006
Lab Sample ID:	P5006-11	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044099.D	1		12/03/24 17:36	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044099.D
 Acq On : 03 Dec 2024 17:36
 Operator : JC/MD
 Sample : P5006-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C10-3

Quant Time: Dec 04 00:13:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

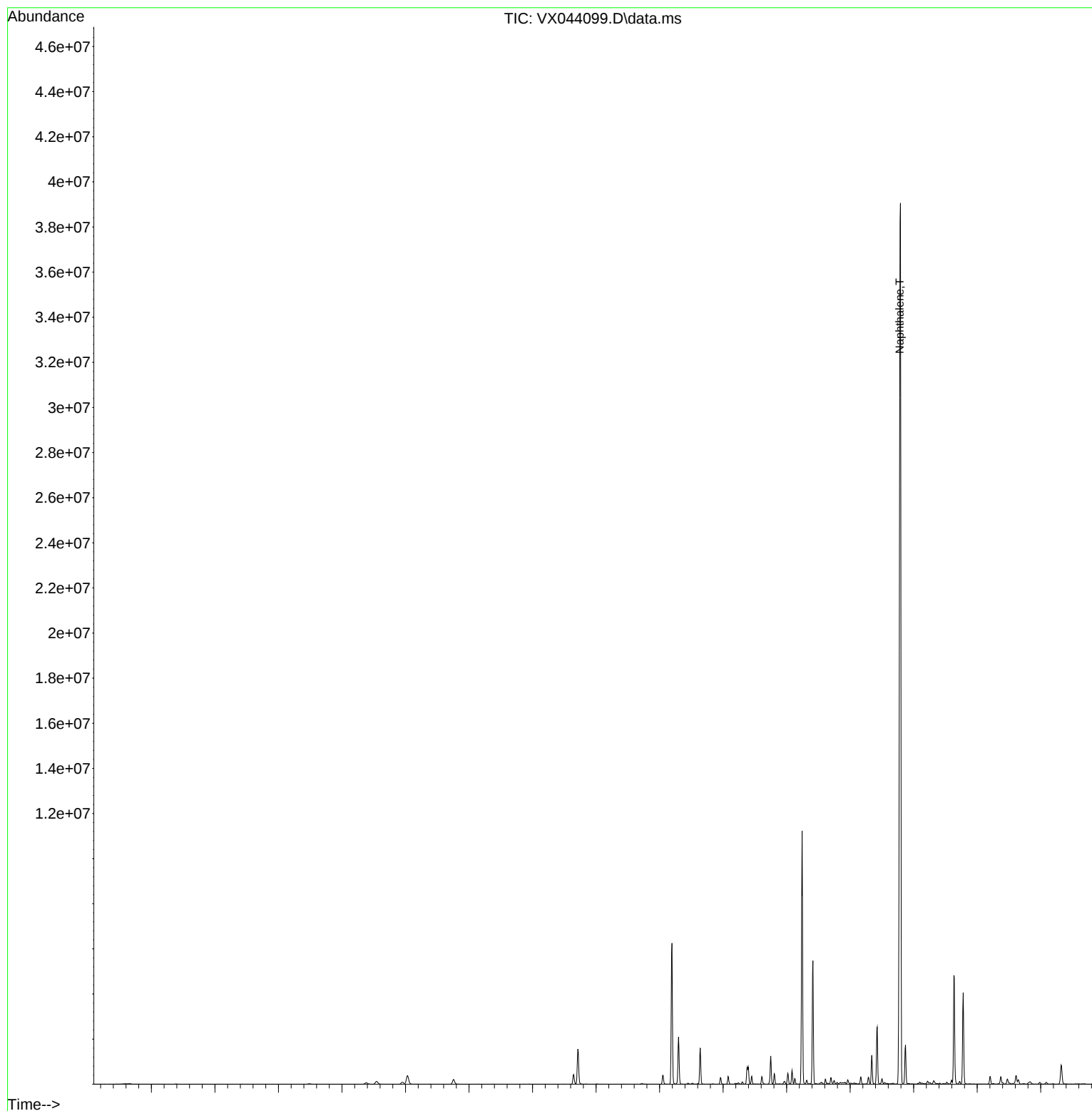
Internal Standards						
1) Pentafluorobenzene	5.544	168	105039	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	203705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	93115	51.685	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.360%			
35) Dibromofluoromethane	5.379	113	54776	37.632	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 75.260%			
50) Toluene-d8	8.647	98	249424	49.711	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.420%			
62) 4-Bromofluorobenzene	11.079	95	86088	50.415	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.820%			
Target Compounds						
16) Acetone	2.386	43	12479	15.081	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	11791	7.633	ug/l	94
40) Benzene	6.031	78	438422	77.598	ug/l	99
52) Toluene	8.714	92	574849	169.990	ug/l	99
67) Ethyl Benzene	10.195	91	3527455	540.994	ug/l	97
68) m/p-Xylenes	10.299	106	443085	182.222	ug/l	99
69) o-Xylene	10.640	106	315818	133.027	ug/l	96
73) Isopropylbenzene	10.963	105	153976	24.274	ug/l	99
78) n-propylbenzene	11.305	91	61856	8.731	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	139733	26.776	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	497253	95.706	ug/l	100
95) Naphthalene	13.780	128	18172045	3078.678	ug/l #	68

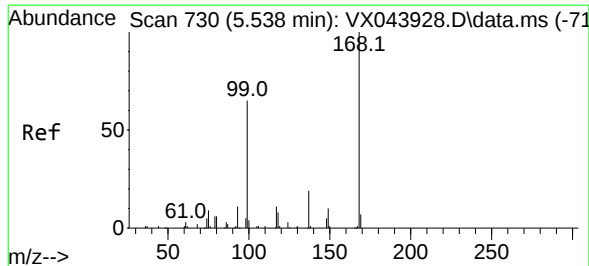
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044099.D
Acq On : 03 Dec 2024 17:36
Operator : JC/MD
Sample : P5006-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-3

Quant Time: Dec 04 00:13:04 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

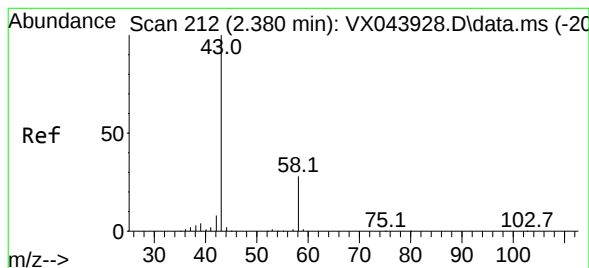
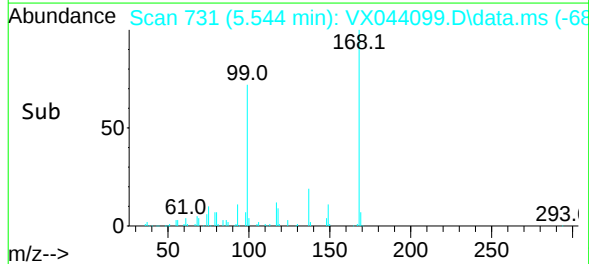
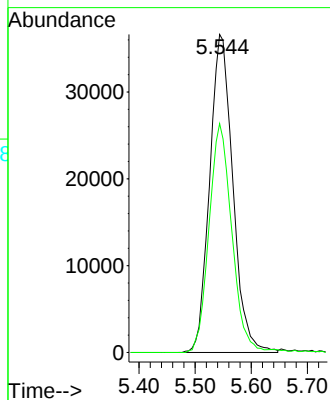
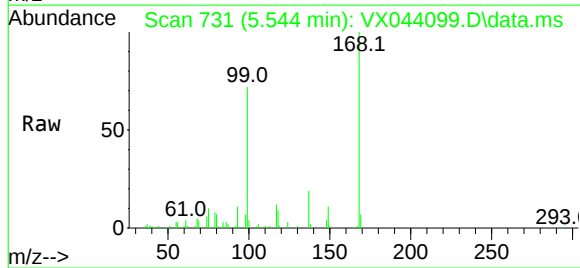




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 730
Delta R.T. 0.006 min
Lab File: VX044099.D
Acq: 03 Dec 2024 17:36

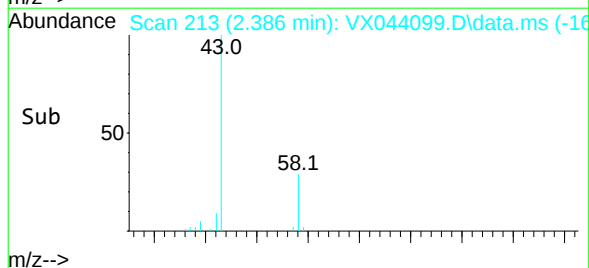
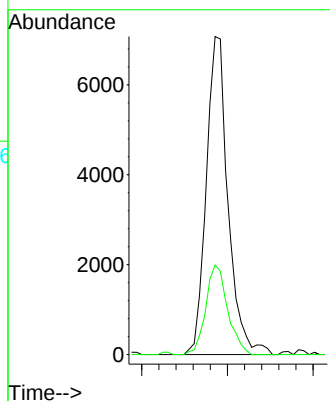
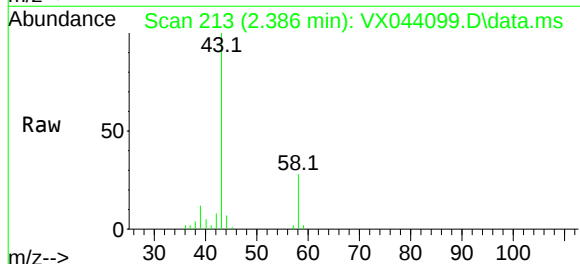
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-3

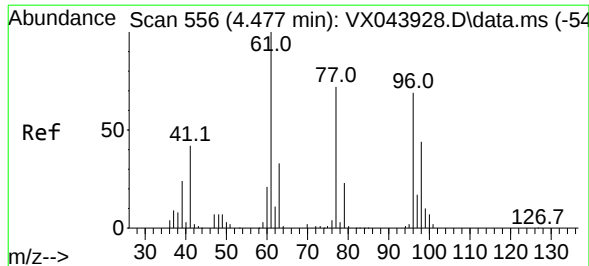
Tgt Ion:168 Resp: 105039
Ion Ratio Lower Upper
168 100
99 72.0 51.8 77.8



#16
Acetone
Concen: 15.081 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044099.D
Acq: 03 Dec 2024 17:36

Tgt Ion: 43 Resp: 12479
Ion Ratio Lower Upper
43 100
58 28.2 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 7.633 ug/l

RT: 4.483 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX044099.D

Acq: 03 Dec 2024 17:36

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-3

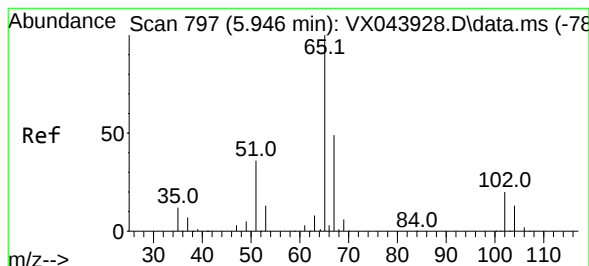
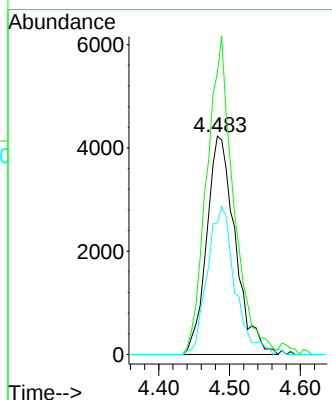
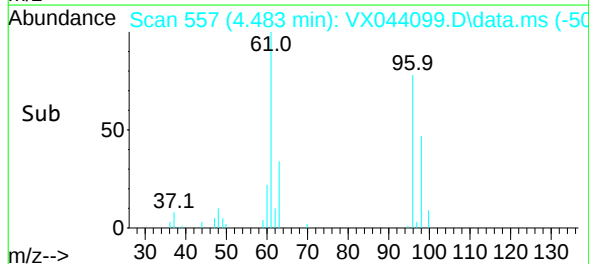
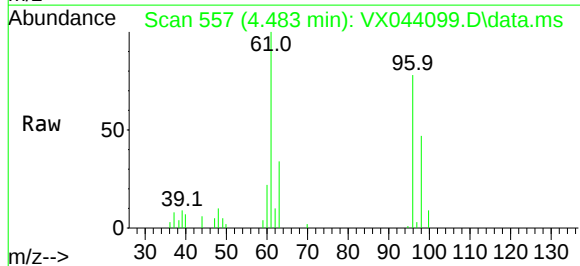
Tgt Ion: 96 Resp: 11791

Ion Ratio Lower Upper

96 100

61 138.3 0.0 297.4

98 65.5 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 51.685 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044099.D

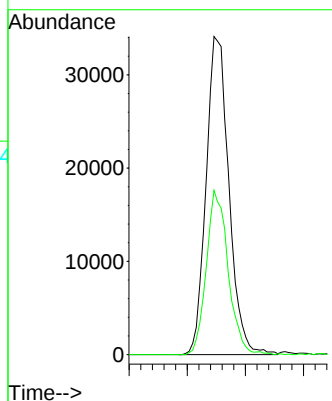
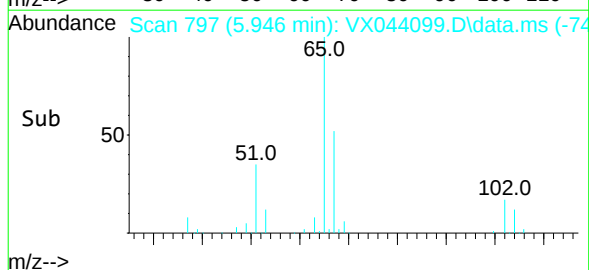
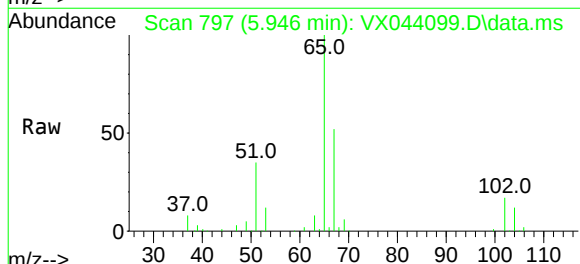
Acq: 03 Dec 2024 17:36

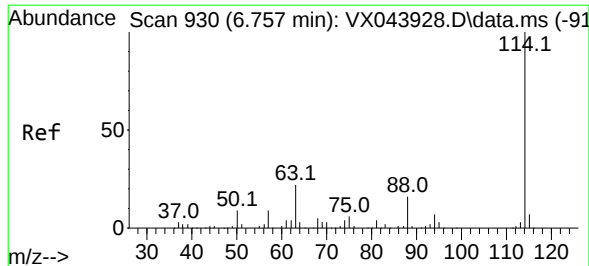
Tgt Ion: 65 Resp: 93115

Ion Ratio Lower Upper

65 100

67 49.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044099.D

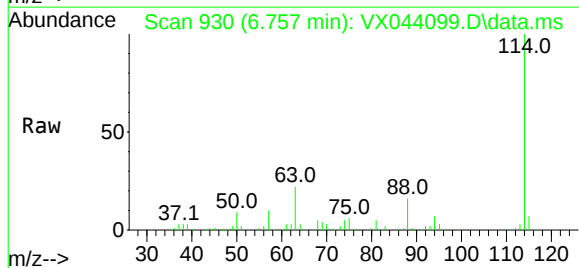
Acq: 03 Dec 2024 17:36

Instrument :

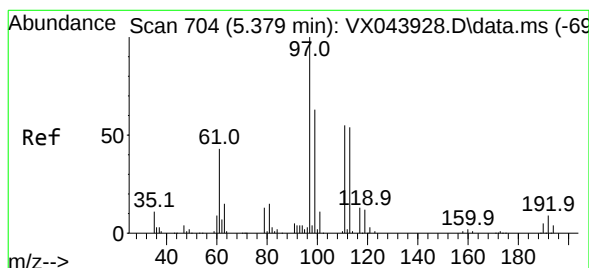
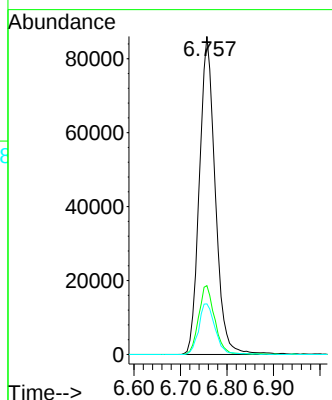
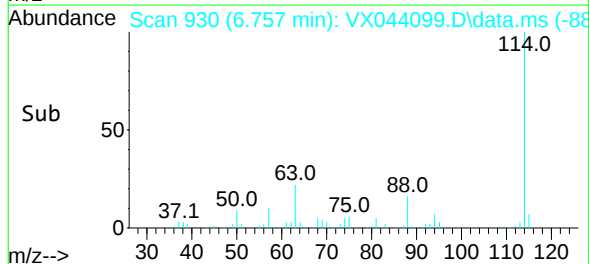
MSVOA_X

ClientSampleId :

SPLP-C10-3



Tgt Ion:	114	Resp:	203705
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	44.0
88	15.9	0.0	32.4



#35

Dibromofluoromethane

Concen: 37.632 ug/l

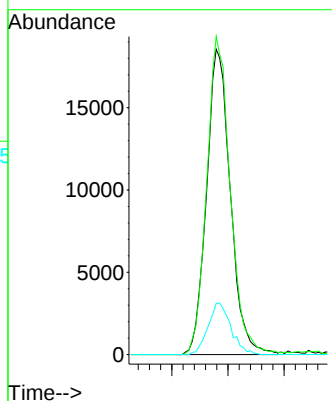
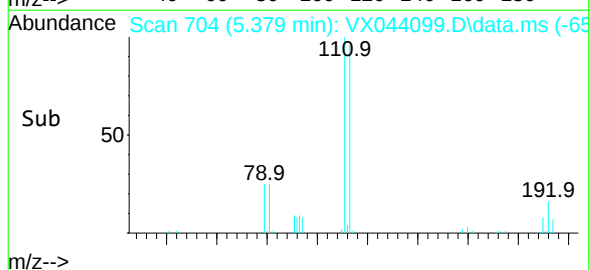
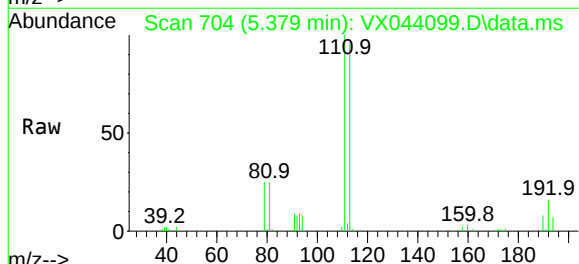
RT: 5.379 min Scan# 704

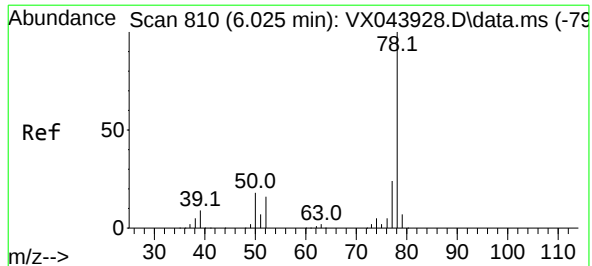
Delta R.T. -0.000 min

Lab File: VX044099.D

Acq: 03 Dec 2024 17:36

Tgt Ion:	113	Resp:	54776
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.4
192	16.2	13.0	19.6





#40

Benzene

Concen: 77.598 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044099.D

Acq: 03 Dec 2024 17:36

Instrument :

MSVOA_X

ClientSampleId :

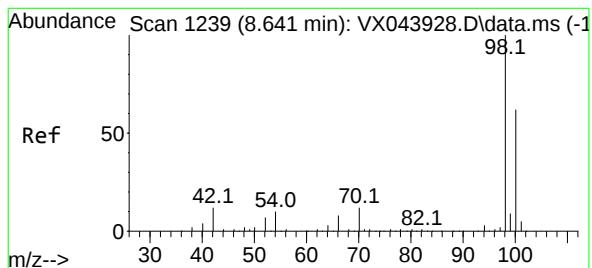
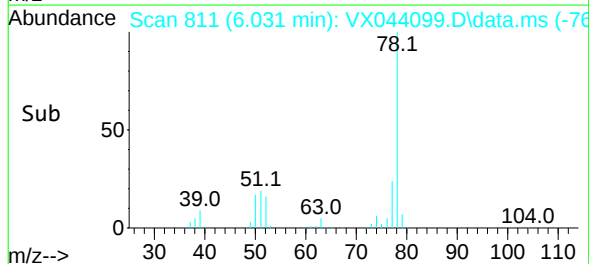
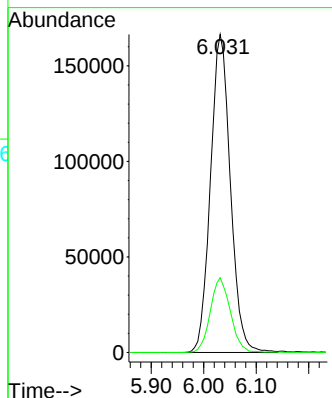
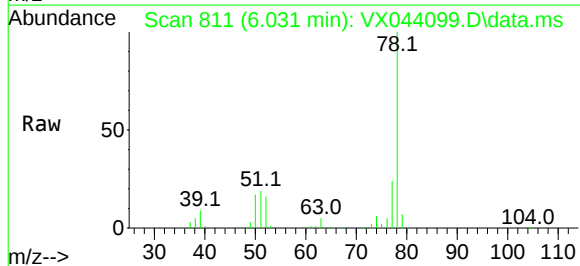
SPLP-C10-3

Tgt Ion: 78 Resp: 438422

Ion Ratio Lower Upper

78 100

77 23.5 19.2 28.8



#50

Toluene-d8

Concen: 49.711 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044099.D

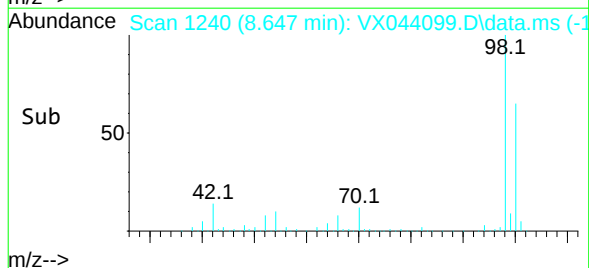
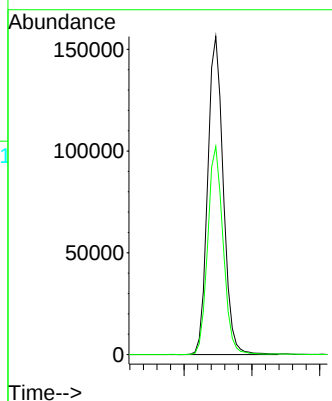
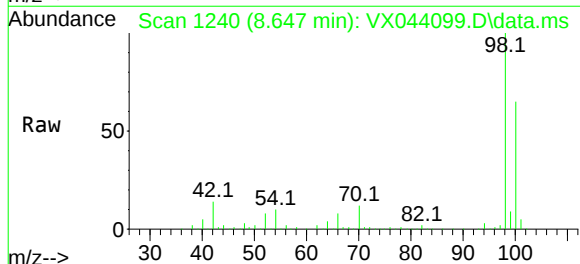
Acq: 03 Dec 2024 17:36

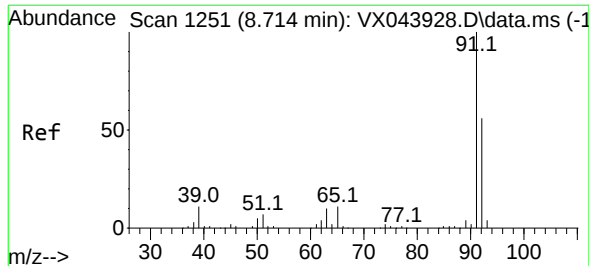
Tgt Ion: 98 Resp: 249424

Ion Ratio Lower Upper

98 100

100 64.7 52.6 79.0





#52

Toluene

Concen: 169.990 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044099.D

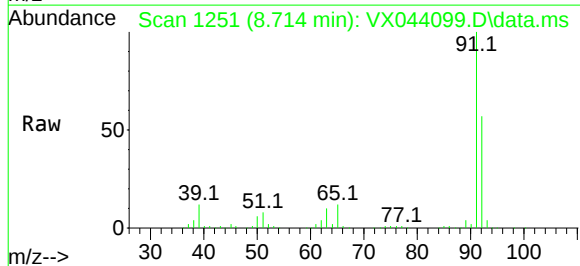
Acq: 03 Dec 2024 17:36

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-3

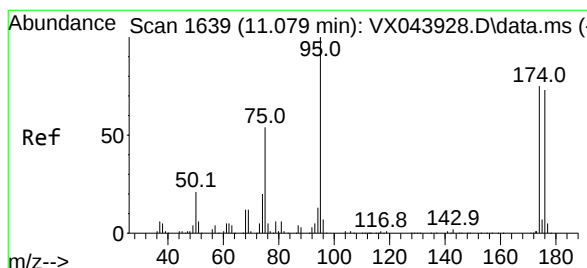
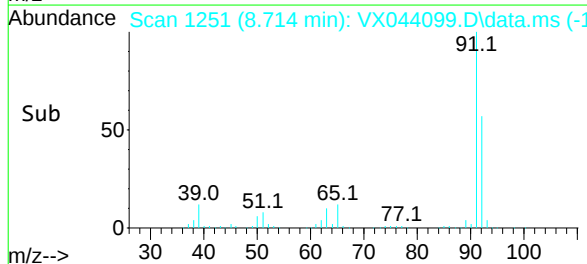
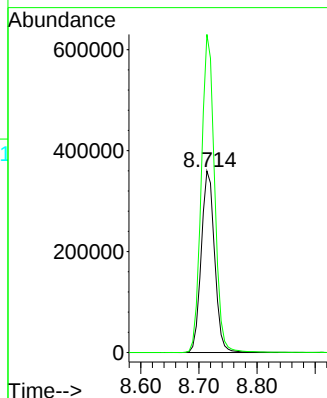


Tgt Ion: 92 Resp: 574849

Ion Ratio Lower Upper

92 100

91 173.8 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.415 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044099.D

Acq: 03 Dec 2024 17:36

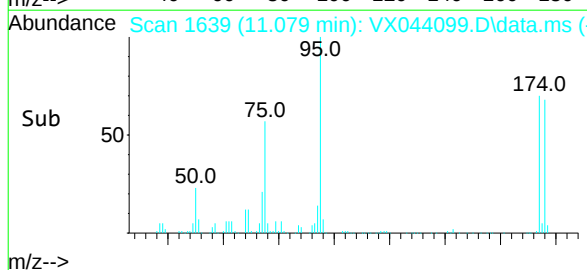
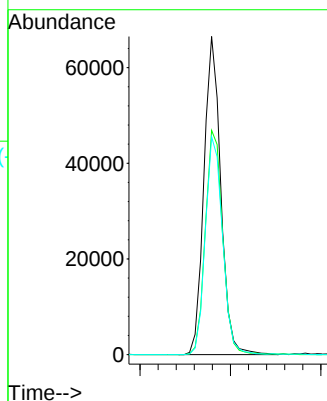
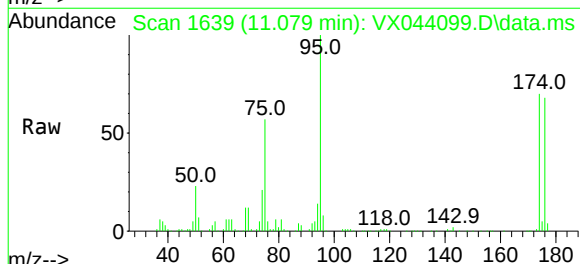
Tgt Ion: 95 Resp: 86088

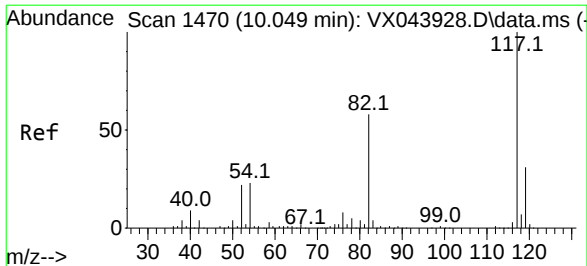
Ion Ratio Lower Upper

95 100

174 72.5 0.0 150.4

176 70.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044099.D

Acq: 03 Dec 2024 17:36

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-3

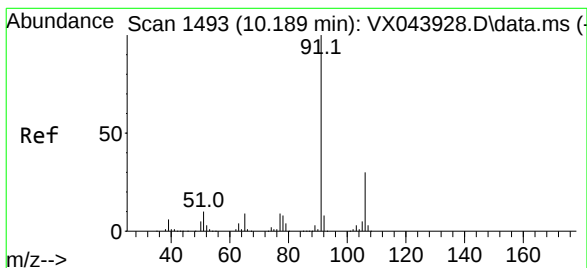
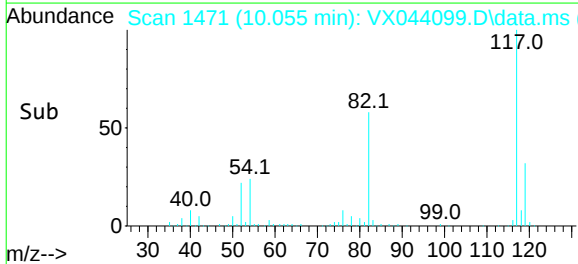
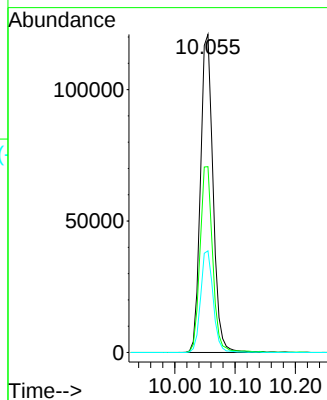
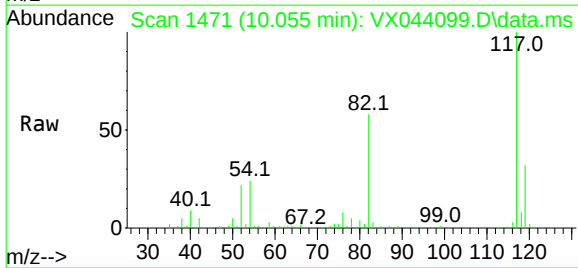
Tgt Ion:117 Resp: 175202

Ion Ratio Lower Upper

117 100

82 58.4 46.4 69.6

119 31.9 24.6 37.0



#67

Ethyl Benzene

Concen: 540.994 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044099.D

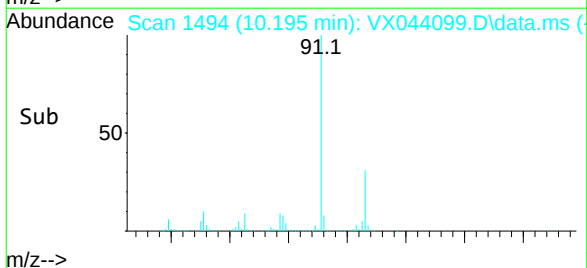
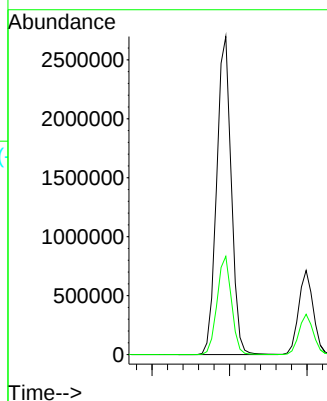
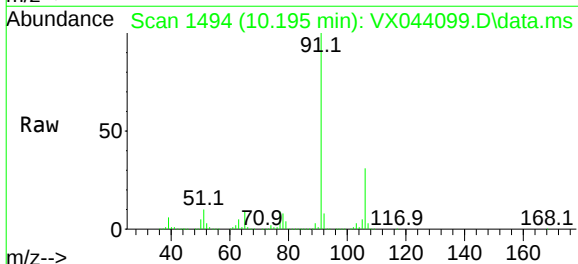
Acq: 03 Dec 2024 17:36

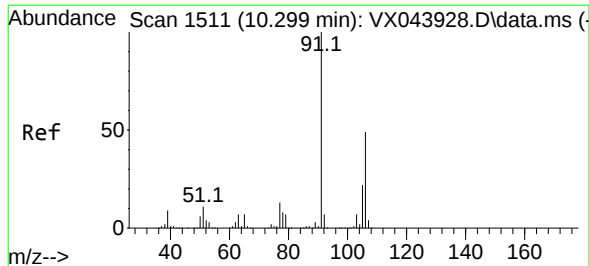
Tgt Ion: 91 Resp: 3527455

Ion Ratio Lower Upper

91 100

106 30.9 23.6 35.4





#68

m/p-Xylenes

Concen: 182.222 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044099.D

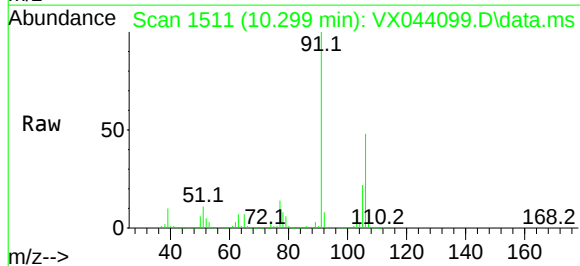
Acq: 03 Dec 2024 17:36

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-3

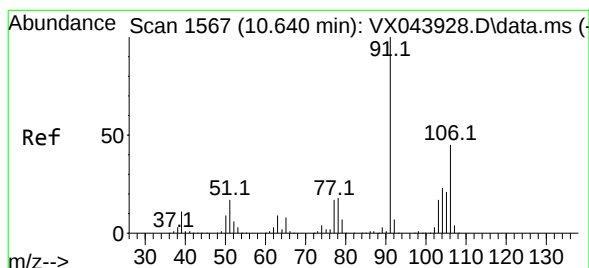
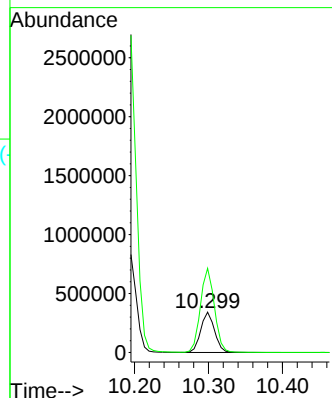
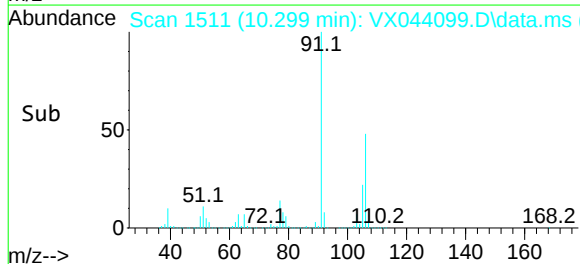


Tgt Ion:106 Resp: 443085

Ion Ratio Lower Upper

106 100

91 211.0 168.1 252.1



#69

o-Xylene

Concen: 133.027 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044099.D

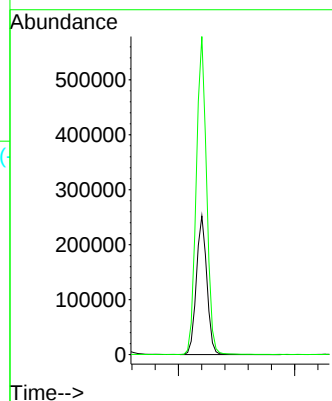
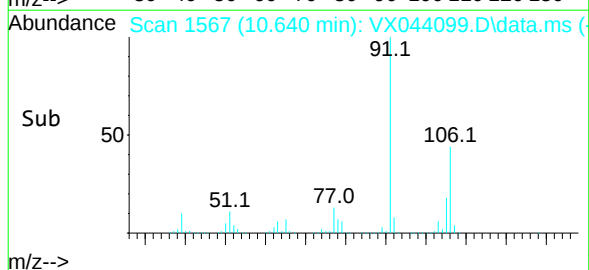
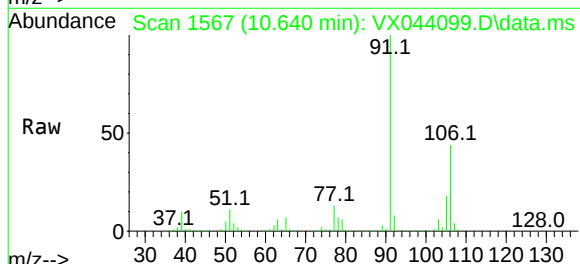
Acq: 03 Dec 2024 17:36

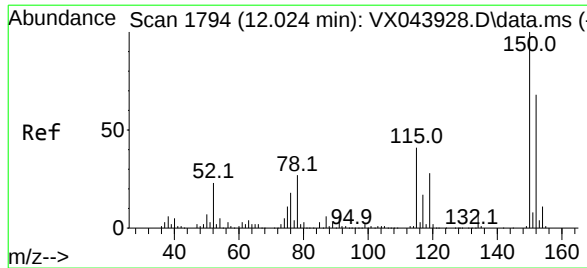
Tgt Ion:106 Resp: 315818

Ion Ratio Lower Upper

106 100

91 226.5 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044099.D

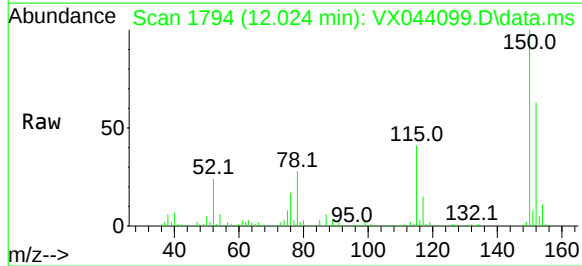
Acq: 03 Dec 2024 17:36

Instrument :

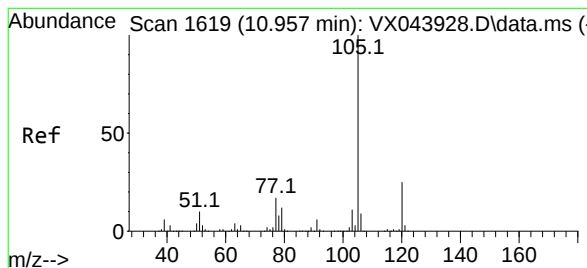
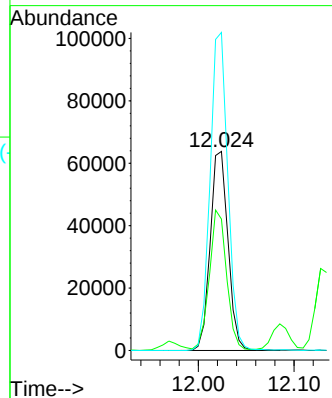
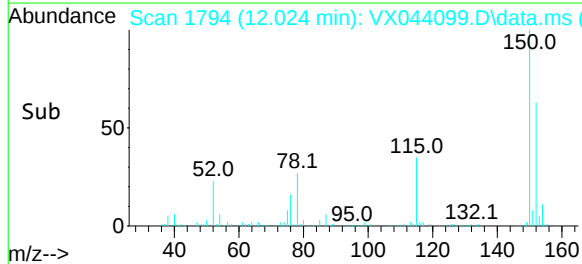
MSVOA_X

ClientSampleId :

SPLP-C10-3



Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.0	45.4	136.2
150	159.2	0.0	353.0



#73

Isopropylbenzene

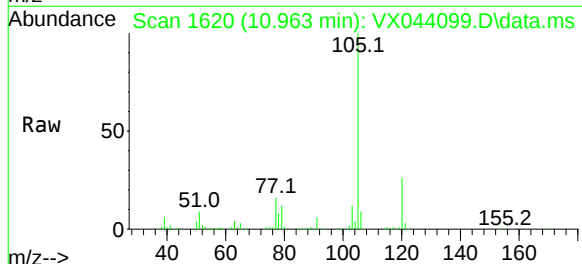
Concen: 24.274 ug/l

RT: 10.963 min Scan# 1620

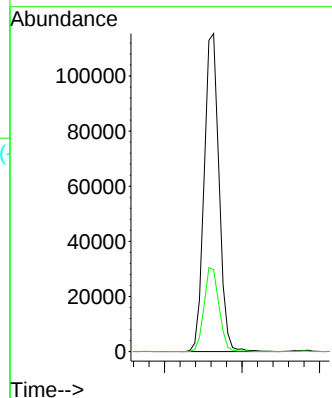
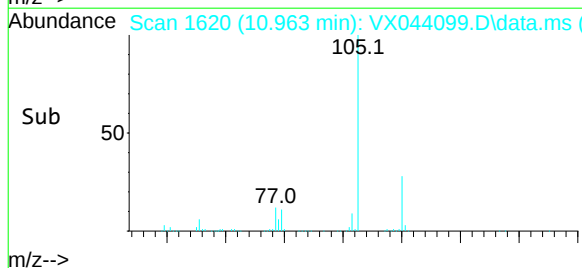
Delta R.T. 0.006 min

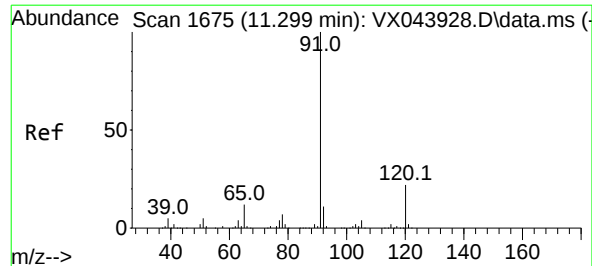
Lab File: VX044099.D

Acq: 03 Dec 2024 17:36



Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.0	38.9





#78

n-propylbenzene

Concen: 8.731 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044099.D

Acq: 03 Dec 2024 17:36

Instrument :

MSVOA_X

ClientSampleId :

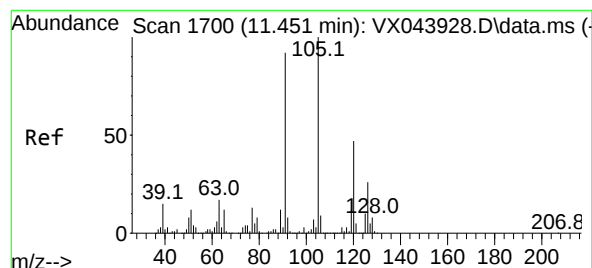
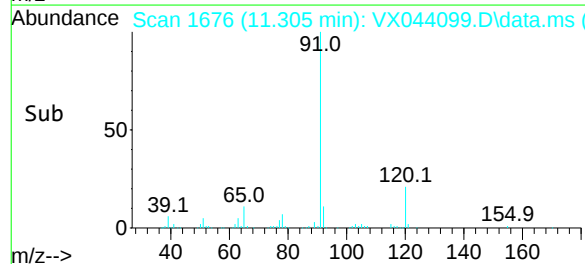
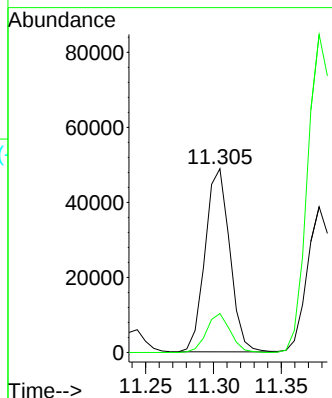
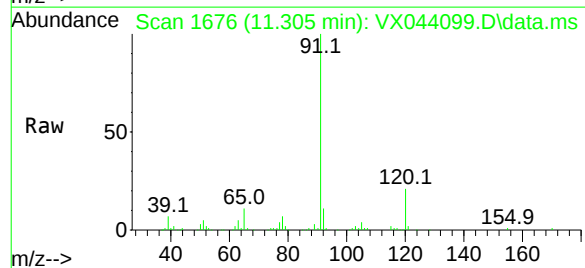
SPLP-C10-3

Tgt Ion: 91 Resp: 61856

Ion Ratio Lower Upper

91 100

120 20.5 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 26.776 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044099.D

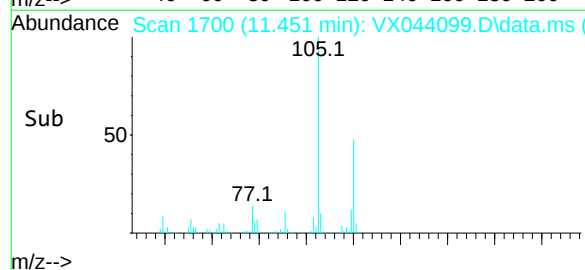
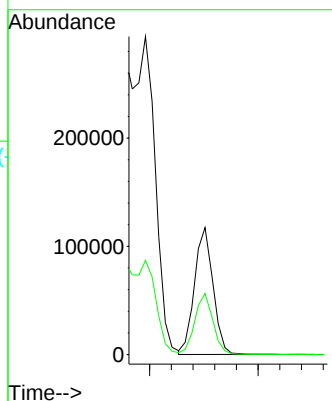
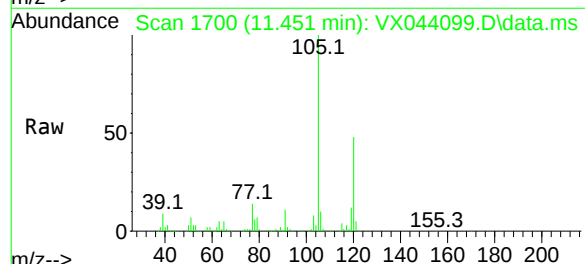
Acq: 03 Dec 2024 17:36

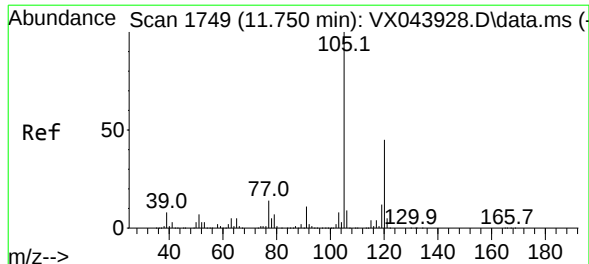
Tgt Ion: 105 Resp: 139733

Ion Ratio Lower Upper

105 100

120 47.5 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 95.706 ug/l

RT: 11.750 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044099.D

Acq: 03 Dec 2024 17:36

Instrument :

MSVOA_X

ClientSampleId :

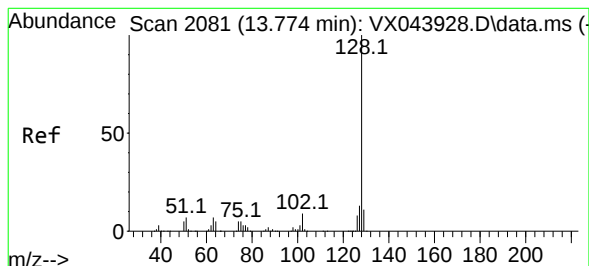
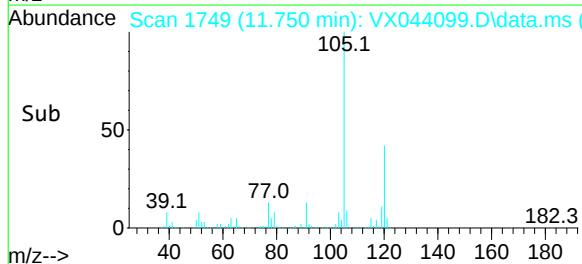
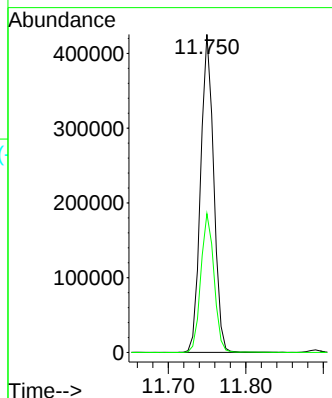
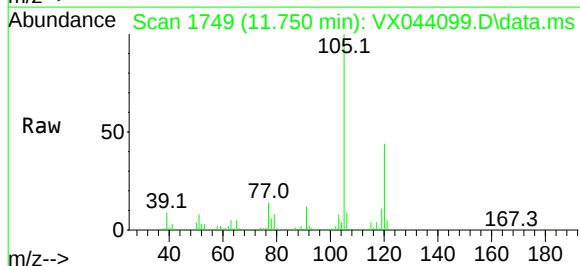
SPLP-C10-3

Tgt Ion:105 Resp: 497253

Ion Ratio Lower Upper

105 100

120 44.1 21.9 65.7



#95

Naphthalene

Concen: 3078.678 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044099.D

Acq: 03 Dec 2024 17:36

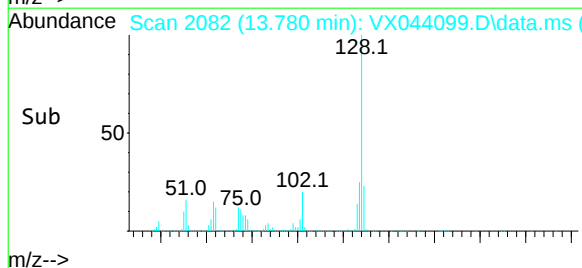
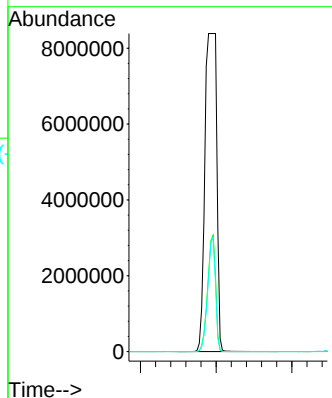
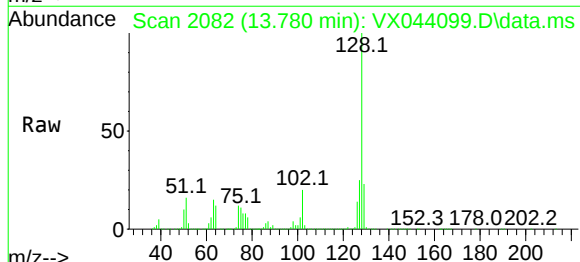
Tgt Ion:128 Resp:18172045

Ion Ratio Lower Upper

128 100

127 24.9 10.2 15.2#

129 23.5 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-3DL	SDG No.:	P5006
Lab Sample ID:	P5006-11DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044119.D	20		12/04/24 16:06	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.20	UD	4.20	100	ug/L
74-87-3	Chloromethane	7.00	UD	7.00	100	ug/L
75-01-4	Vinyl Chloride	6.80	UD	6.80	100	ug/L
74-83-9	Bromomethane	27.2	UD	27.2	100	ug/L
75-00-3	Chloroethane	11.2	UD	11.2	100	ug/L
75-69-4	Trichlorofluoromethane	6.80	UD	6.80	100	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5.00	UD	5.00	100	ug/L
75-35-4	1,1-Dichloroethene	5.20	UD	5.20	100	ug/L
67-64-1	Acetone	27.8	UD	27.8	500	ug/L
75-15-0	Carbon Disulfide	6.40	UD	6.40	100	ug/L
1634-04-4	Methyl tert-butyl Ether	3.20	UD	3.20	100	ug/L
79-20-9	Methyl Acetate	12.0	UD	12.0	100	ug/L
75-09-2	Methylene Chloride	6.40	UD	6.40	100	ug/L
156-60-5	trans-1,2-Dichloroethene	5.00	UD	5.00	100	ug/L
75-34-3	1,1-Dichloroethane	4.60	UD	4.60	100	ug/L
110-82-7	Cyclohexane	32.4	UD	32.4	100	ug/L
78-93-3	2-Butanone	26.0	UD	26.0	500	ug/L
56-23-5	Carbon Tetrachloride	5.00	UD	5.00	100	ug/L
156-59-2	cis-1,2-Dichloroethene	5.00	UD	5.00	100	ug/L
74-97-5	Bromochloromethane	3.60	UD	3.60	100	ug/L
67-66-3	Chloroform	5.20	UD	5.20	100	ug/L
71-55-6	1,1,1-Trichloroethane	3.80	UD	3.80	100	ug/L
108-87-2	Methylcyclohexane	3.80	UD	3.80	100	ug/L
71-43-2	Benzene	72.8	JD	3.20	100	ug/L
107-06-2	1,2-Dichloroethane	4.80	UD	4.80	100	ug/L
79-01-6	Trichloroethene	6.40	UD	6.40	100	ug/L
78-87-5	1,2-Dichloropropane	3.80	UD	3.80	100	ug/L
75-27-4	Bromodichloromethane	4.80	UD	4.80	100	ug/L
108-10-1	4-Methyl-2-Pentanone	15.0	UD	15.0	500	ug/L
108-88-3	Toluene	150	D	3.60	100	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-3DL	SDG No.:	P5006
Lab Sample ID:	P5006-11DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044119.D	20		12/04/24 16:06	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	4.20	UD	4.20	100	ug/L
10061-01-5	cis-1,3-Dichloropropene	3.60	UD	3.60	100	ug/L
79-00-5	1,1,2-Trichloroethane	4.20	UD	4.20	100	ug/L
591-78-6	2-Hexanone	22.6	UD	22.6	500	ug/L
124-48-1	Dibromochloromethane	3.60	UD	3.60	100	ug/L
106-93-4	1,2-Dibromoethane	3.20	UD	3.20	100	ug/L
127-18-4	Tetrachloroethene	5.00	UD	5.00	100	ug/L
108-90-7	Chlorobenzene	2.60	UD	2.60	100	ug/L
100-41-4	Ethyl Benzene	480	D	3.20	100	ug/L
179601-23-1	m/p-Xylenes	160	JD	6.20	200	ug/L
95-47-6	o-Xylene	120	D	2.80	100	ug/L
100-42-5	Styrene	3.20	UD	3.20	100	ug/L
75-25-2	Bromoform	4.20	UD	4.20	100	ug/L
98-82-8	Isopropylbenzene	23.2	JD	2.60	100	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5.40	UD	5.40	100	ug/L
541-73-1	1,3-Dichlorobenzene	4.80	UD	4.80	100	ug/L
106-46-7	1,4-Dichlorobenzene	5.40	UD	5.40	100	ug/L
95-50-1	1,2-Dichlorobenzene	3.80	UD	3.80	100	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	9.20	UD	9.20	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	8.40	UD	8.40	100	ug/L
87-61-6	1,2,3-Trichlorobenzene	10.2	UD	10.2	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.0		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	45.1		70 (75) - 130 (124)	90%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	105000	5.55			
540-36-3	1,4-Difluorobenzene	207000	6.757			
3114-55-4	Chlorobenzene-d5	180000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	78900	12.024			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C10-3DL	SDG No.:	P5006
Lab Sample ID:	P5006-11DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044119.D	20		12/04/24 16:06	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044119.D
 Acq On : 04 Dec 2024 16:06
 Operator : JC/MD
 Sample : P5006-11DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C10-3DL

Quant Time: Dec 05 00:29:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

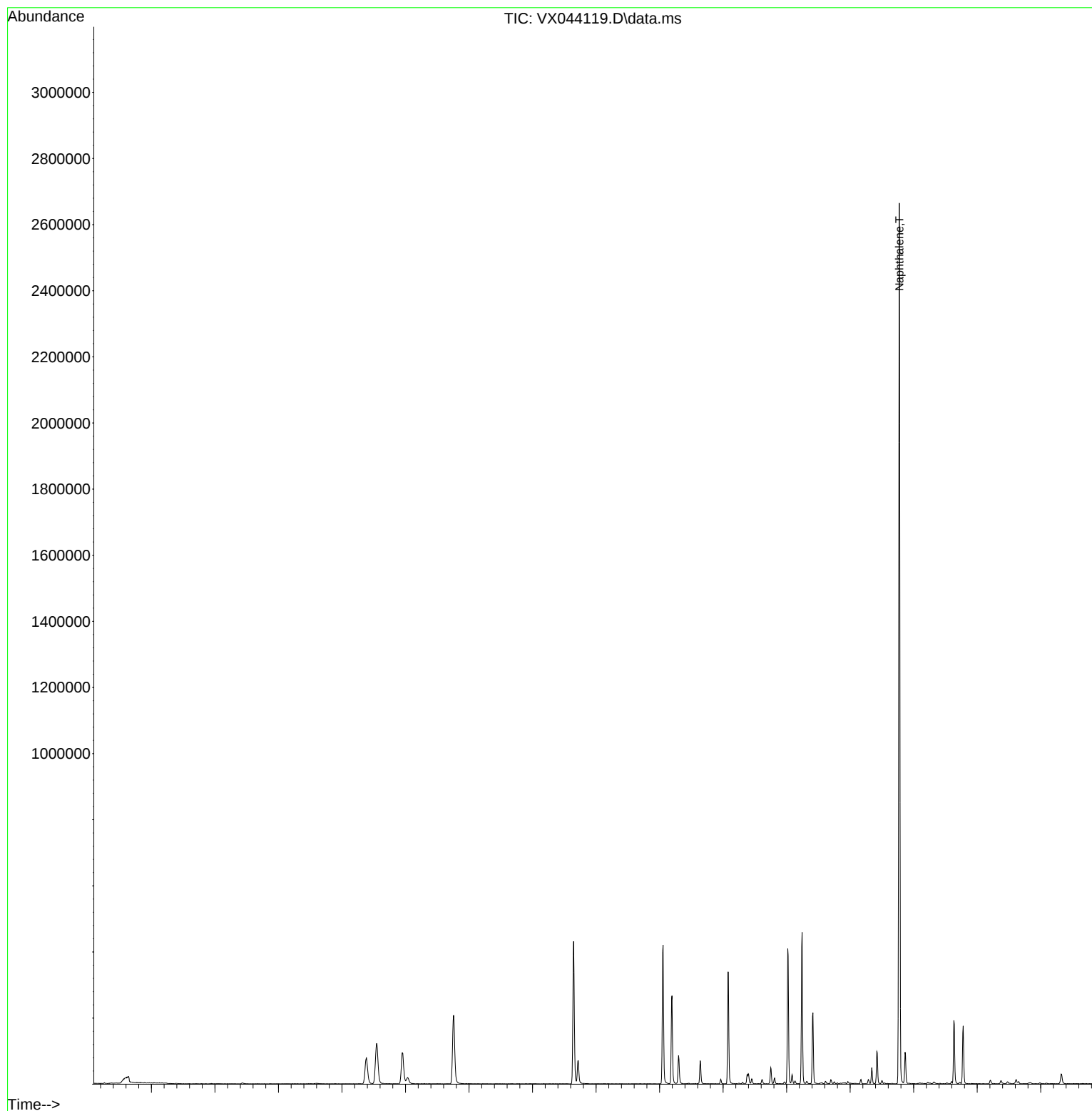
Internal Standards						
1) Pentafluorobenzene	5.550	168	105088	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	207247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	95558	53.016	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.040%		
35) Dibromofluoromethane	5.385	113	66777	45.093	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 90.180%		
50) Toluene-d8	8.647	98	252799	49.522	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.040%		
62) 4-Bromofluorobenzene	11.079	95	87633	50.442	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 100.880%		
Target Compounds						
					Qvalue	
40) Benzene	6.037	78	20920	3.639	ug/l #	90
52) Toluene	8.720	92	26069	7.577	ug/l	96
67) Ethyl Benzene	10.195	91	159847	23.863	ug/l	99
68) m/p-Xylenes	10.299	106	20077	8.037	ug/l	96
69) o-Xylene	10.640	106	14903	6.110	ug/l	93
73) Isopropylbenzene	10.963	105	7028	1.158	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	6761	1.354	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	21741	4.374	ug/l	99
95) Naphthalene	13.774	128	1497967	265.292	ug/l	100

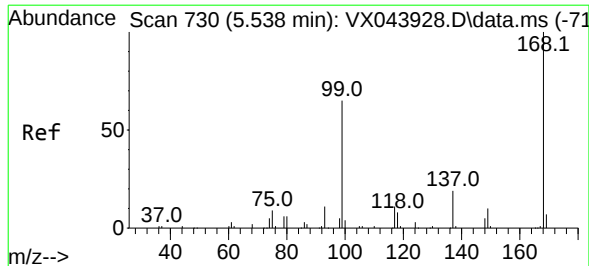
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044119.D
Acq On : 04 Dec 2024 16:06
Operator : JC/MD
Sample : P5006-11DL 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-3DL

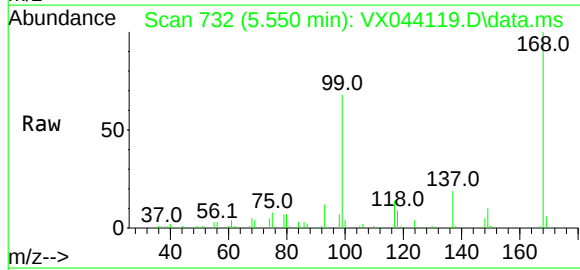
Quant Time: Dec 05 00:29:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



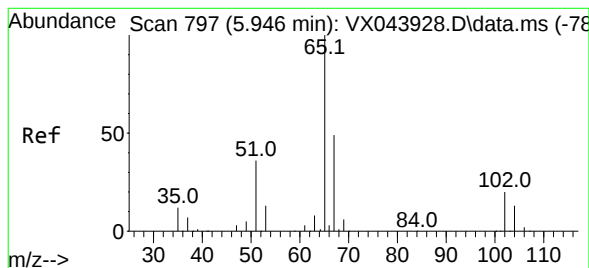
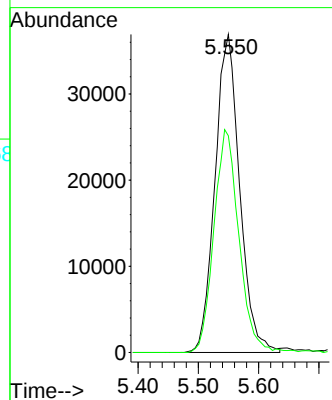
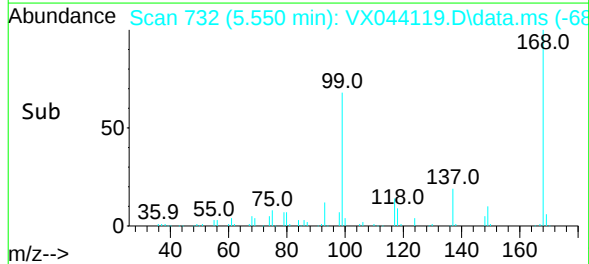


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044119.D
Acq: 04 Dec 2024 16:06

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C10-3DL

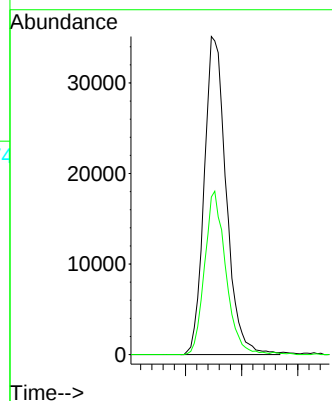
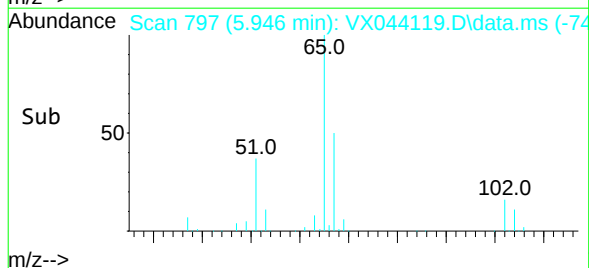
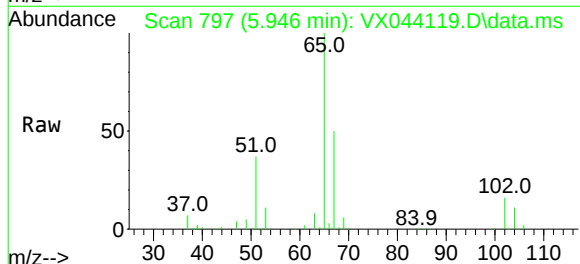


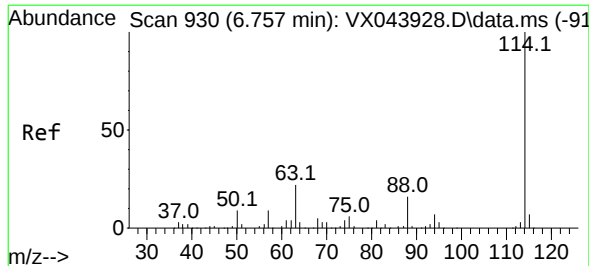
Tgt Ion: 168 Resp: 105088
Ion Ratio Lower Upper
168 100
99 68.1 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 53.016 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044119.D
Acq: 04 Dec 2024 16:06

Tgt Ion: 65 Resp: 95558
Ion Ratio Lower Upper
65 100
67 49.3 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044119.D

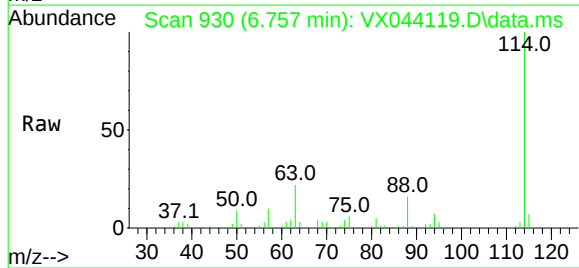
Acq: 04 Dec 2024 16:06

Instrument :

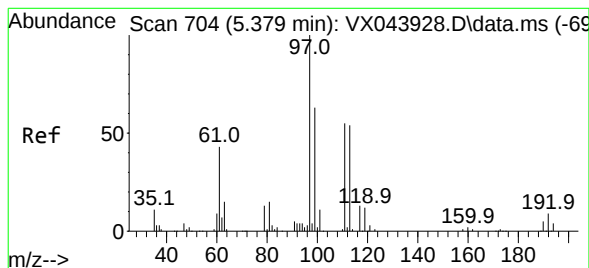
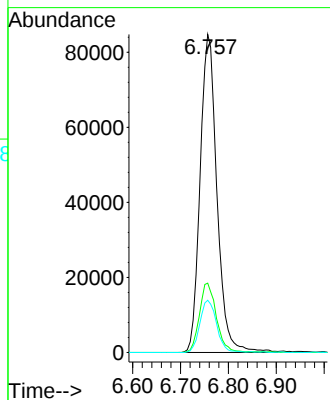
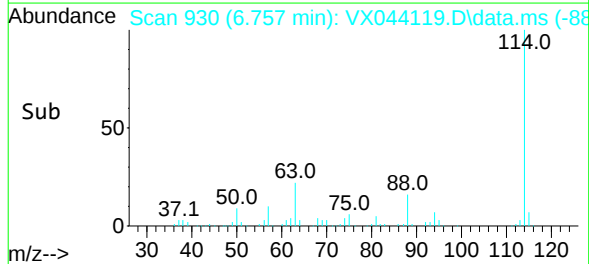
MSVOA_X

ClientSampleId :

SPLP-C10-3DL



Tgt Ion:	114	Resp:	207247
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.4	0.0	32.4



#35

Dibromofluoromethane

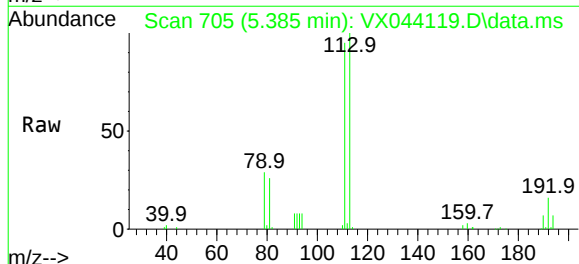
Concen: 45.093 ug/l

RT: 5.385 min Scan# 705

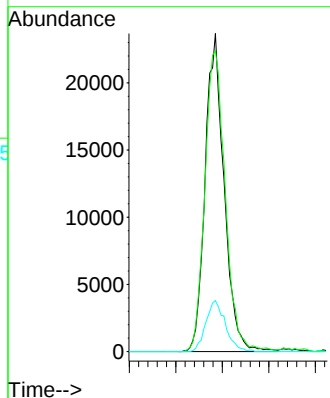
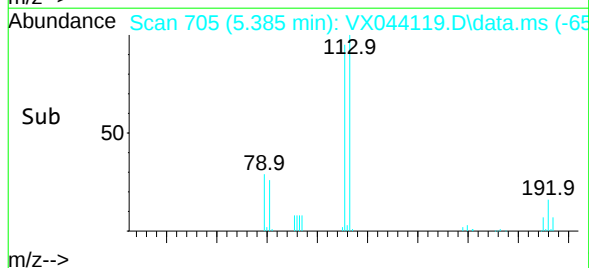
Delta R.T. 0.006 min

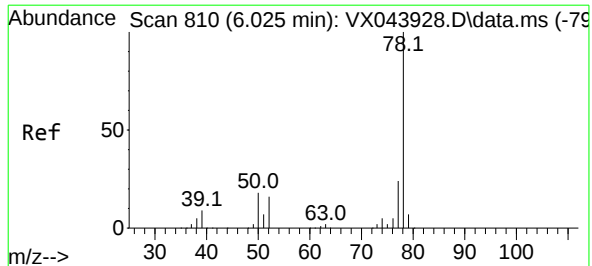
Lab File: VX044119.D

Acq: 04 Dec 2024 16:06



Tgt Ion:	113	Resp:	66777
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.4
192	16.6	13.0	19.6





#40

Benzene

Concen: 3.639 ug/l

RT: 6.037 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

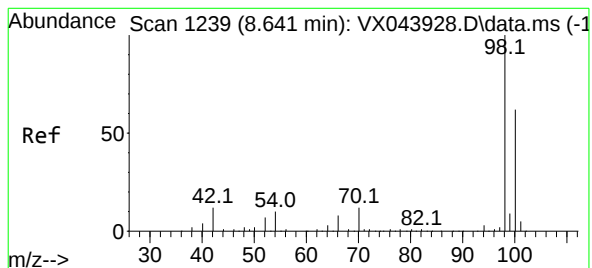
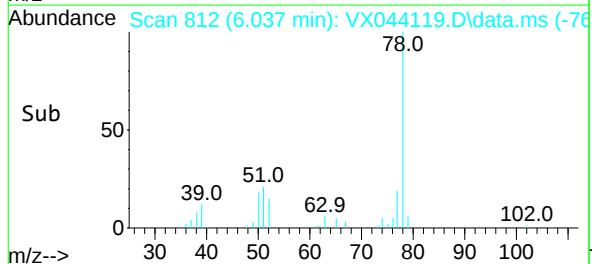
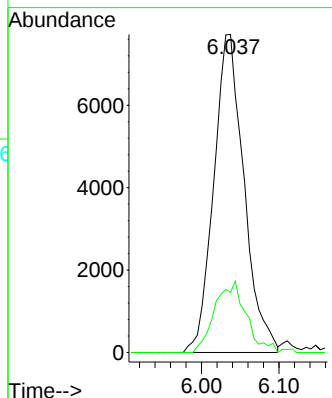
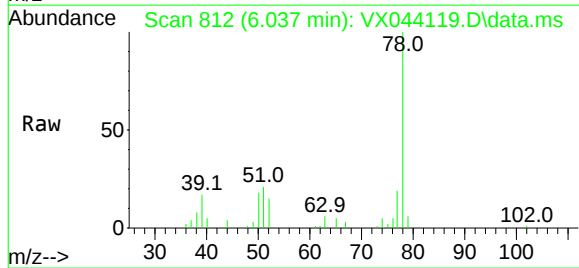
SPLP-C10-3DL

Tgt Ion: 78 Resp: 20920

Ion Ratio Lower Upper

78 100

77 18.9 19.2 28.8#



#50

Toluene-d8

Concen: 49.522 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044119.D

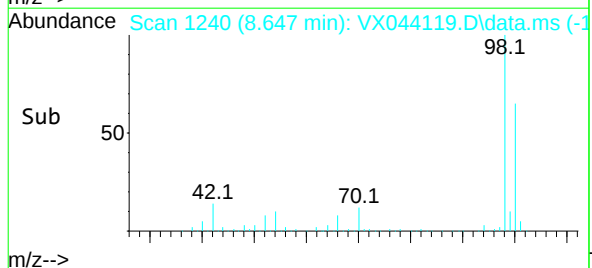
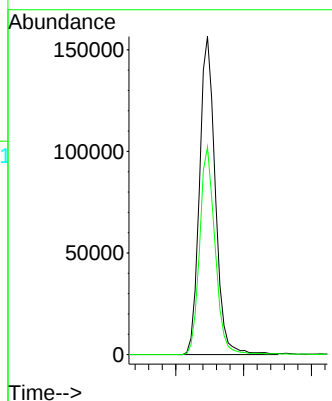
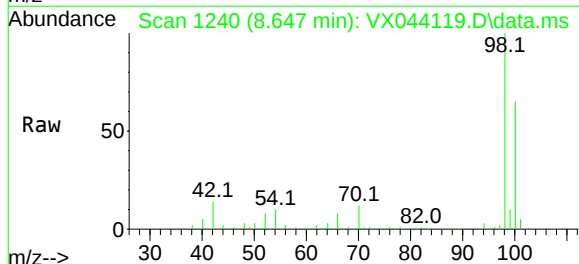
Acq: 04 Dec 2024 16:06

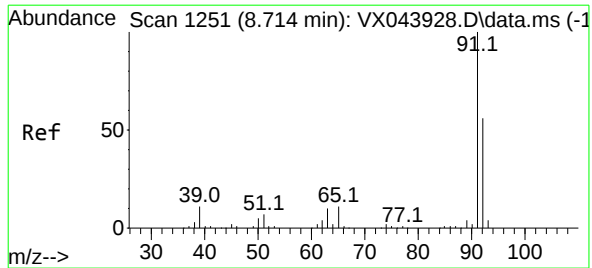
Tgt Ion: 98 Resp: 252799

Ion Ratio Lower Upper

98 100

100 63.7 52.6 79.0





#52

Toluene

Concen: 7.577 ug/l

RT: 8.720 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044119.D

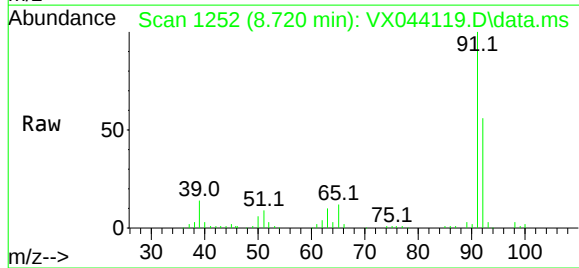
Acq: 04 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-3DL

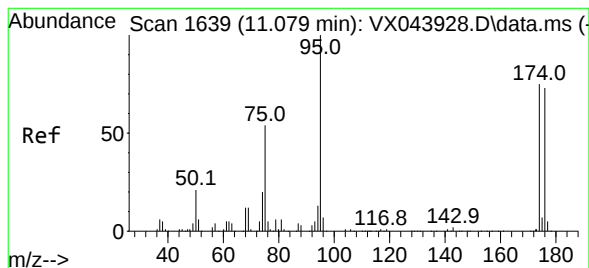
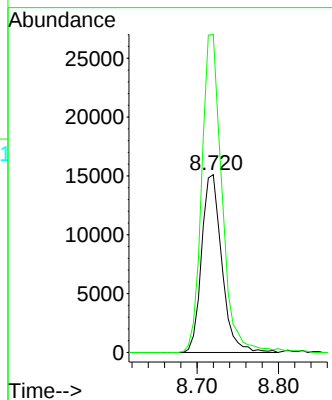
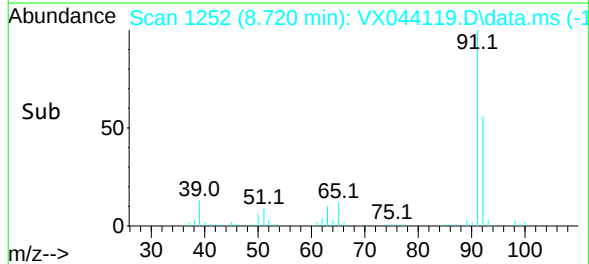


Tgt Ion: 92 Resp: 26069

Ion Ratio Lower Upper

92 100

91 180.6 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.442 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

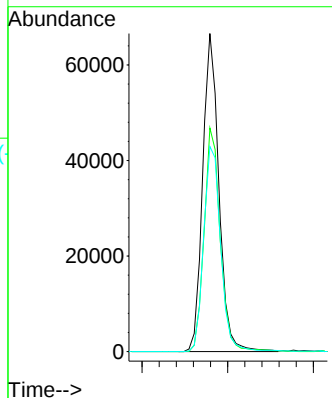
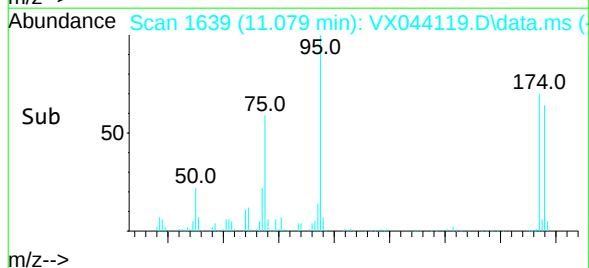
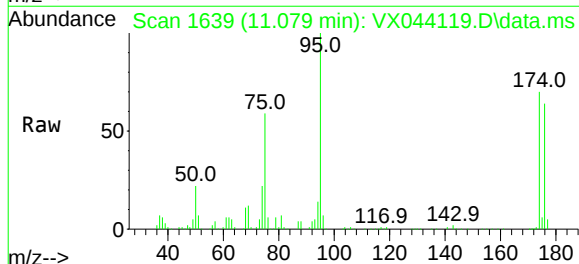
Tgt Ion: 95 Resp: 87633

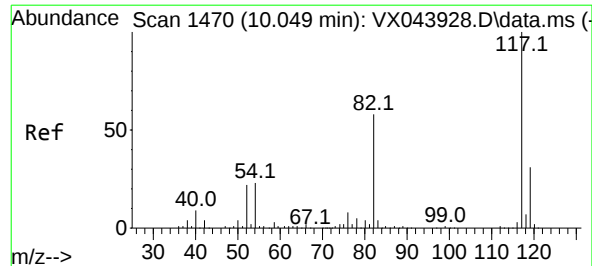
Ion Ratio Lower Upper

95 100

174 70.0 0.0 150.4

176 67.7 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-3DL

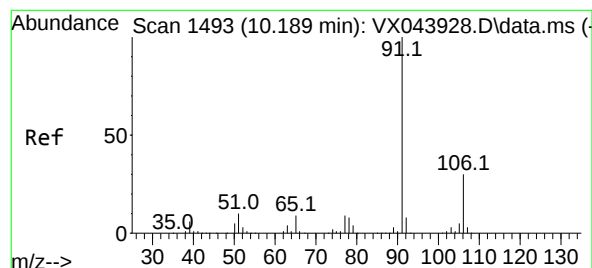
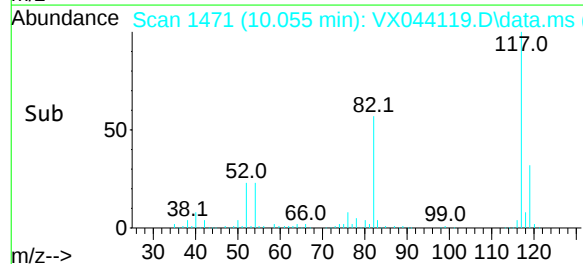
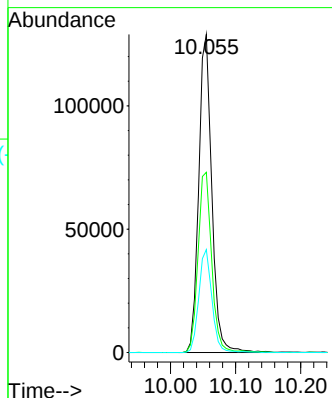
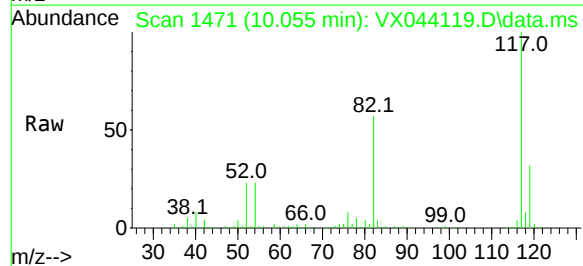
Tgt Ion:117 Resp: 179989

Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

119 32.4 24.6 37.0



#67

Ethyl Benzene

Concen: 23.863 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX044119.D

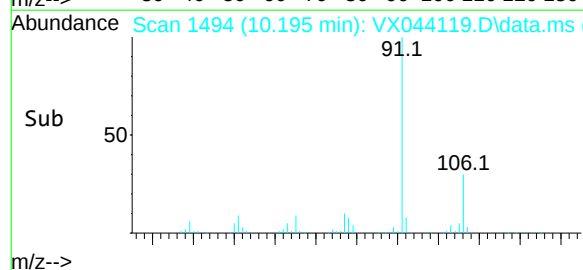
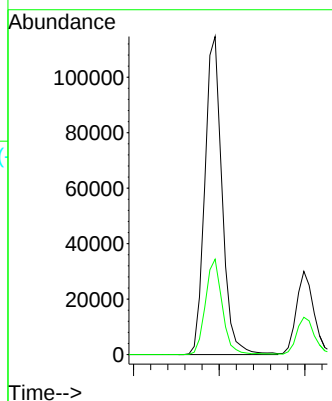
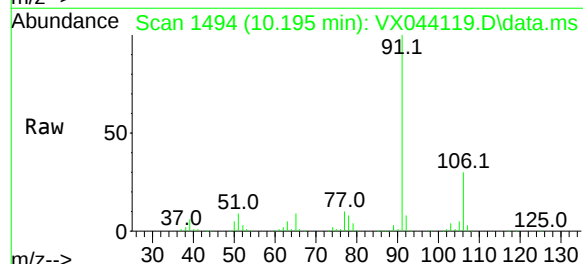
Acq: 04 Dec 2024 16:06

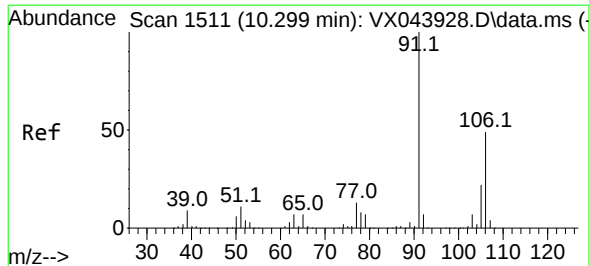
Tgt Ion: 91 Resp: 159847

Ion Ratio Lower Upper

91 100

106 30.0 23.6 35.4





#68

m/p-Xylenes

Concen: 8.037 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

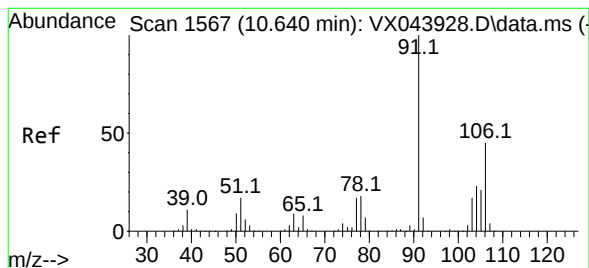
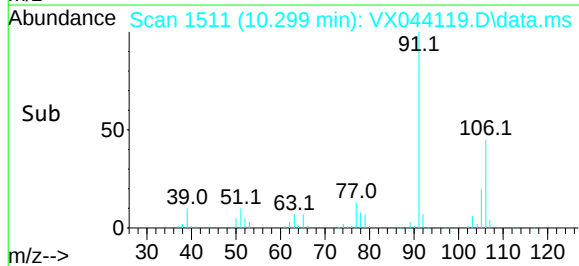
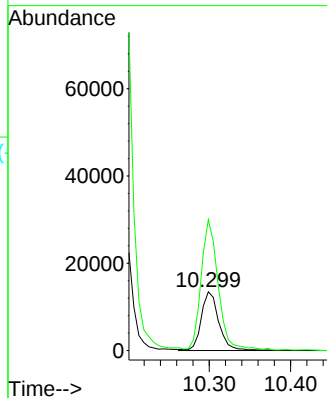
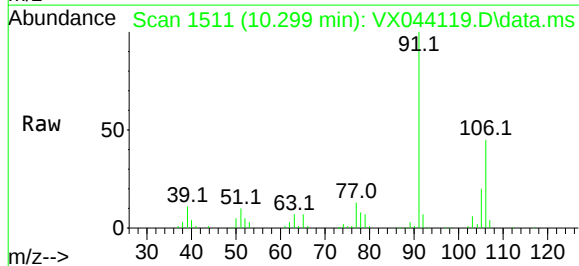
SPLP-C10-3DL

Tgt Ion:106 Resp: 20077

Ion Ratio Lower Upper

106 100

91 216.1 168.1 252.1



#69

o-Xylene

Concen: 6.110 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044119.D

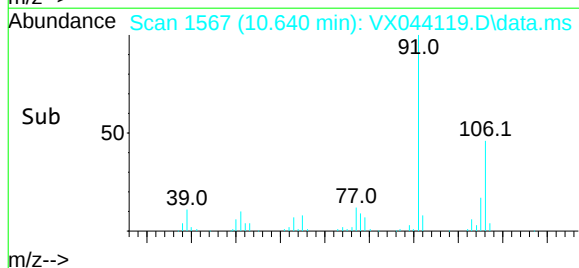
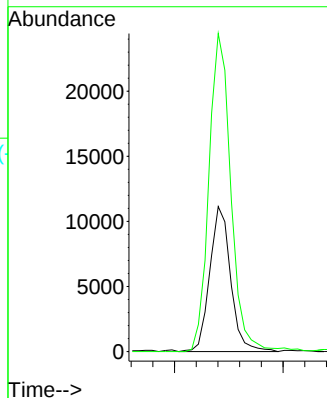
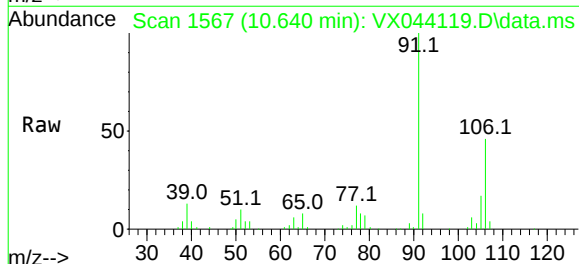
Acq: 04 Dec 2024 16:06

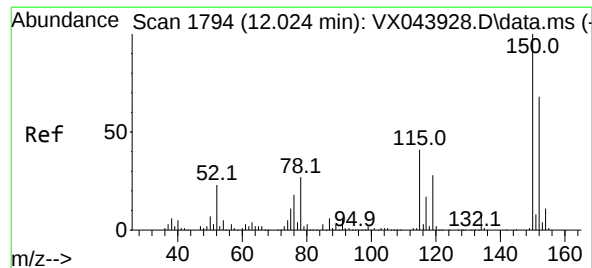
Tgt Ion:106 Resp: 14903

Ion Ratio Lower Upper

106 100

91 231.1 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-3DL

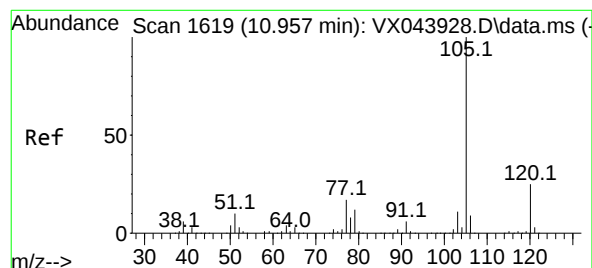
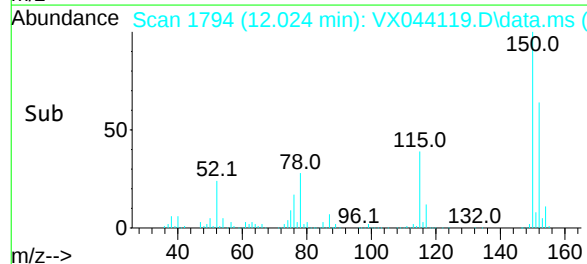
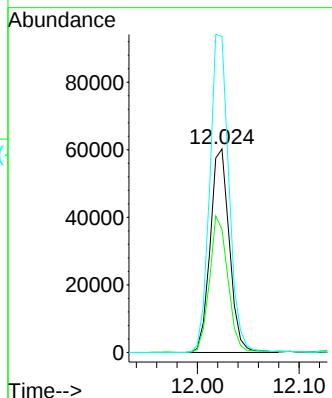
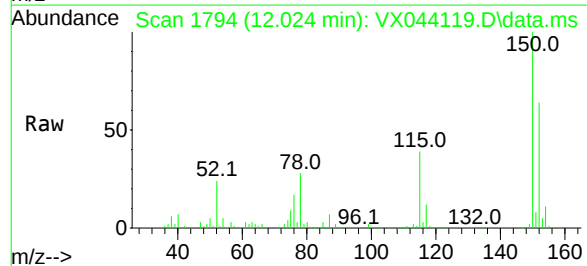
Tgt Ion:152 Resp: 78940

Ion Ratio Lower Upper

152 100

115 64.5 45.4 136.2

150 156.3 0.0 353.0



#73

Isopropylbenzene

Concen: 1.158 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044119.D

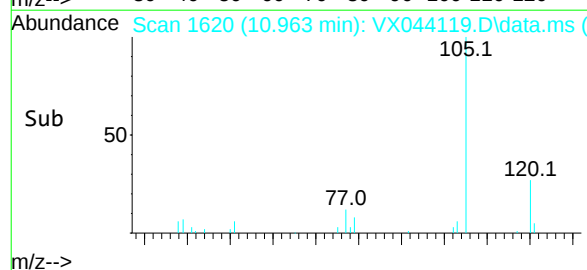
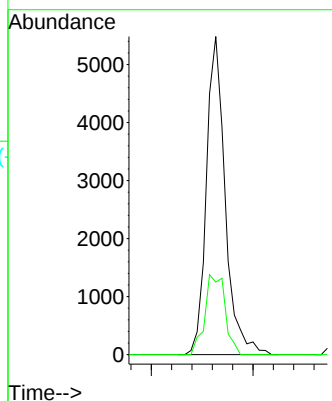
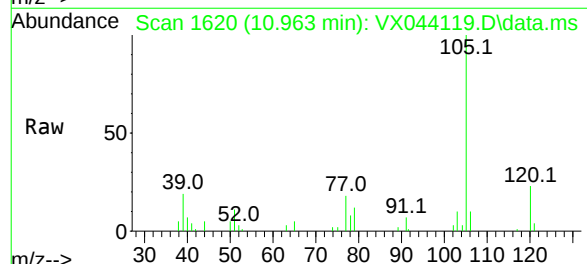
Acq: 04 Dec 2024 16:06

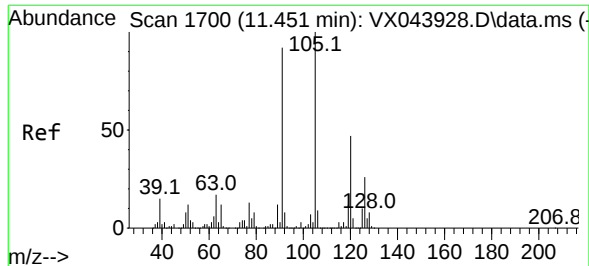
Tgt Ion:105 Resp: 7028

Ion Ratio Lower Upper

105 100

120 27.0 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 1.354 ug/l

RT: 11.451 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044119.D

Acq: 04 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

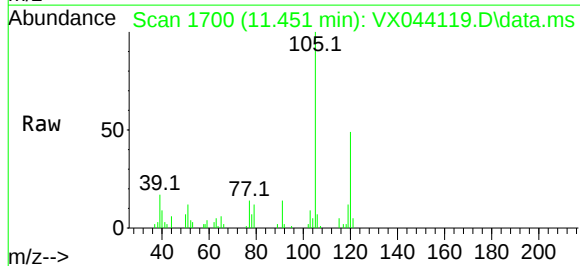
SPLP-C10-3DL

Tgt Ion:105 Resp: 6761

Ion Ratio Lower Upper

105 100

120 48.2 23.3 69.8

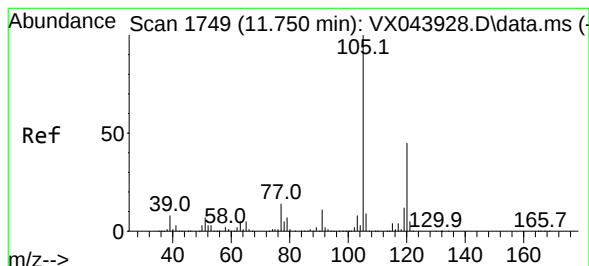
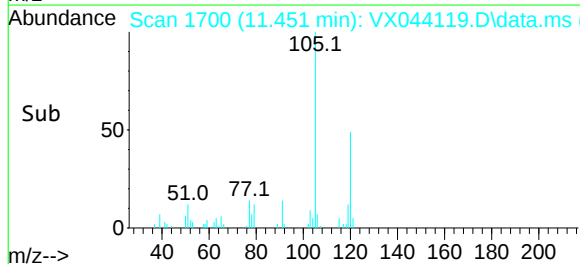


Abundance

10000

5000

Time--> 11.40 11.45 11.50



#84

1,2,4-Trimethylbenzene

Concen: 4.374 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX044119.D

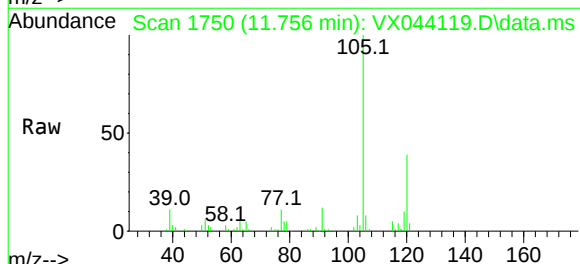
Acq: 04 Dec 2024 16:06

Tgt Ion:105 Resp: 21741

Ion Ratio Lower Upper

105 100

120 43.0 21.9 65.7



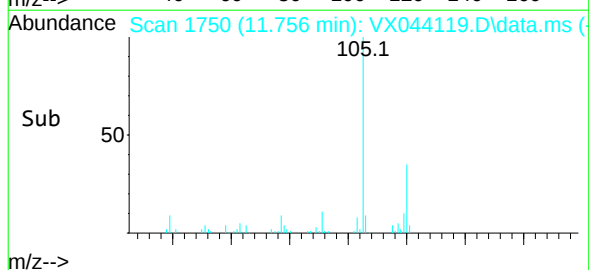
Abundance

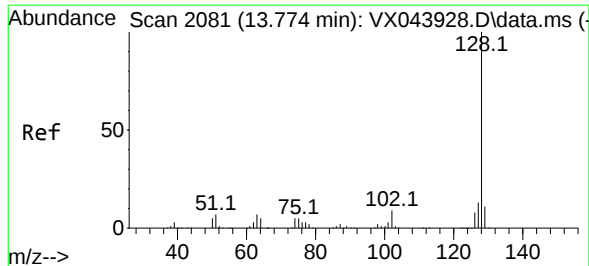
15000

10000

5000

Time-->





#95

Naphthalene

Concen: 265.292 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044119.D

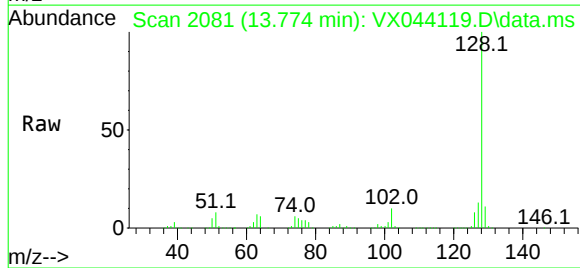
Acq: 04 Dec 2024 16:06

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C10-3DL



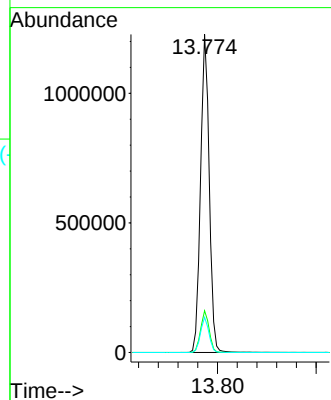
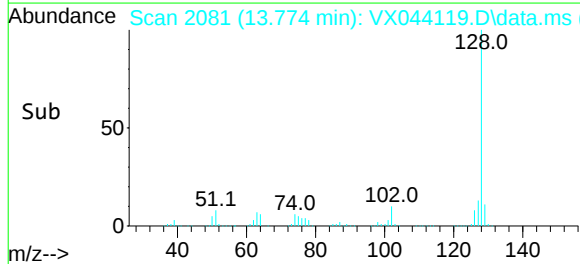
Tgt Ion:128 Resp: 1497967

Ion	Ratio	Lower	Upper
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128	100		
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127	13.0	10.2	15.2
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129	10.8	8.6	12.8
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-1	SDG No.:	P5006
Lab Sample ID:	P5006-12	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044100.D	1		12/03/24 18:00	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	16.1	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.40	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	19.9		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	16.9		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-1	SDG No.:	P5006
Lab Sample ID:	P5006-12	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044100.D	1		12/03/24 18:00	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	180	E	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	37.6		0.31	10.0	ug/L
95-47-6	o-Xylene	43.2		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	13.5		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	34.1	*	70 (75) - 130 (124)	68%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	102000	5.55			
540-36-3	1,4-Difluorobenzene	200000	6.757			
3114-55-4	Chlorobenzene-d5	178000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	86200	12.024			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C11-1		SDG No.:	P5006	
Lab Sample ID:	P5006-12		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044100.D	1		12/03/24 18:00	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044100.D
 Acq On : 03 Dec 2024 18:00
 Operator : JC/MD
 Sample : P5006-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-1

Quant Time: Dec 04 00:13:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

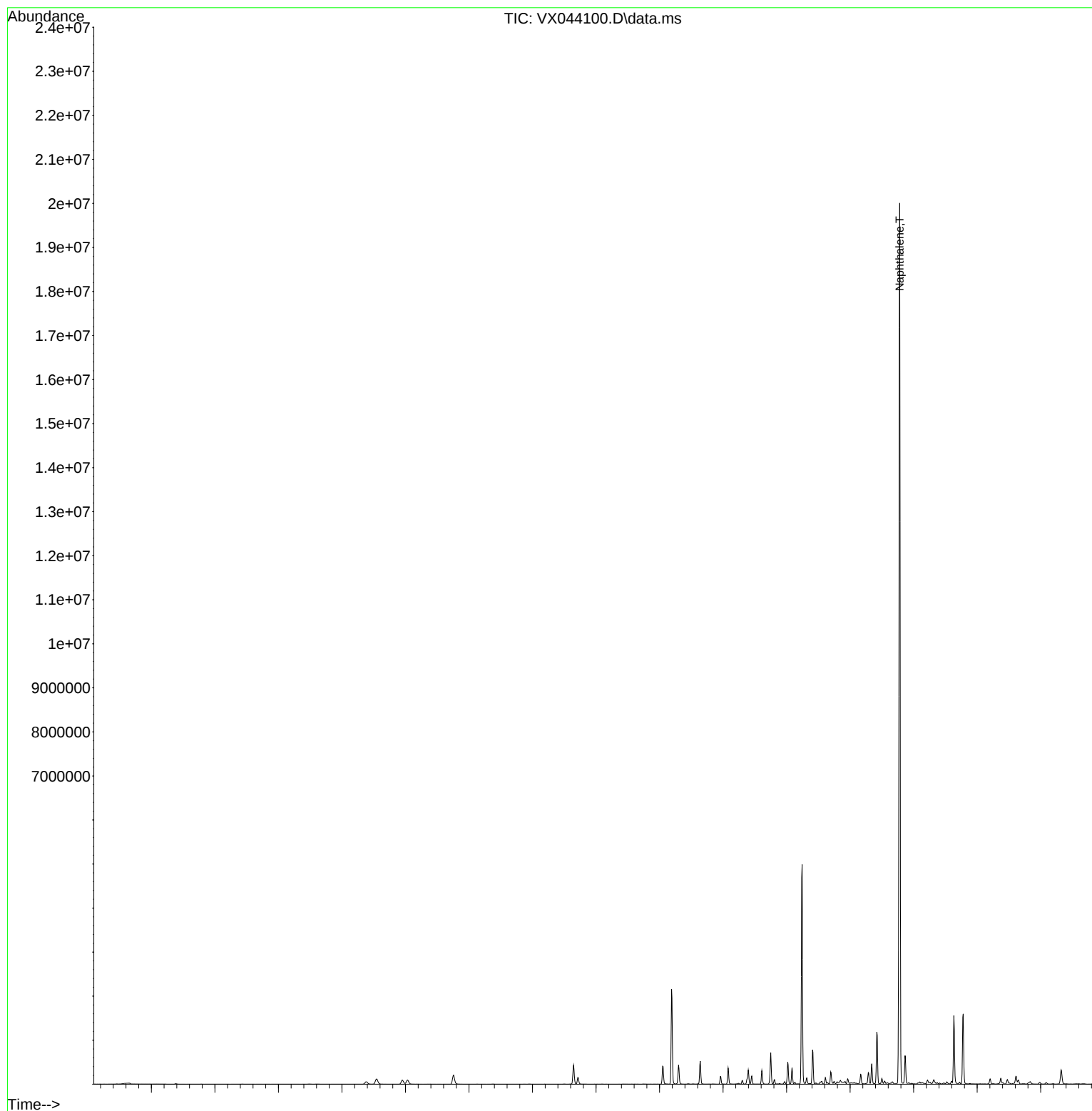
Internal Standards						
1) Pentafluorobenzene	5.550	168	101739	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	199677	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	90882	52.081	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.160%			
35) Dibromofluoromethane	5.379	113	48588	34.054	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 68.100%#			
50) Toluene-d8	8.647	98	248714	50.569	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	93219	55.692	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.380%			
Target Compounds						
16) Acetone	2.386	43	12909	16.107	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	2115	1.414	ug/l	98
40) Benzene	6.032	78	110450	19.943	ug/l	97
52) Toluene	8.714	92	56017	16.899	ug/l	98
67) Ethyl Benzene	10.189	91	1199884	181.057	ug/l	99
68) m/p-Xylenes	10.299	106	92947	37.609	ug/l	96
69) o-Xylene	10.640	106	104250	43.204	ug/l	95
73) Isopropylbenzene	10.964	105	89327	13.484	ug/l	98
78) n-propylbenzene	11.305	91	51484	6.958	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	74687	13.703	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	286166	52.738	ug/l	100
89) n-Butylbenzene	12.317	91	14386	3.035	ug/l #	6
95) Naphthalene	13.780	128	10608114	1720.843	ug/l #	94

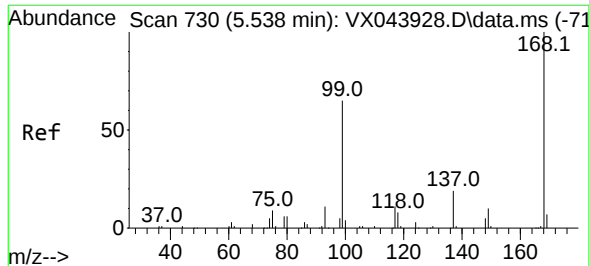
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044100.D
Acq On : 03 Dec 2024 18:00
Operator : JC/MD
Sample : P5006-12
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-1

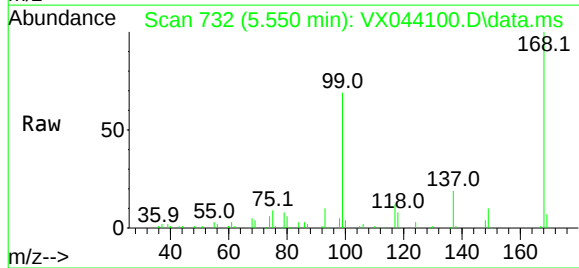
Quant Time: Dec 04 00:13:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



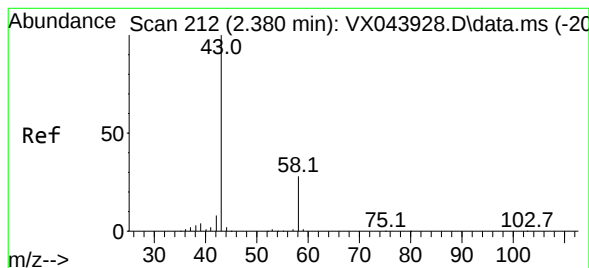
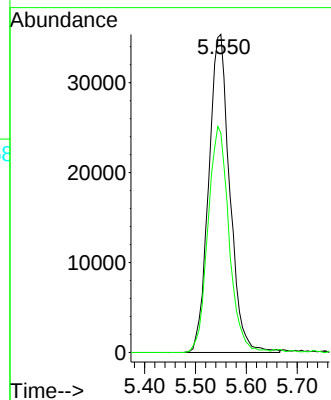
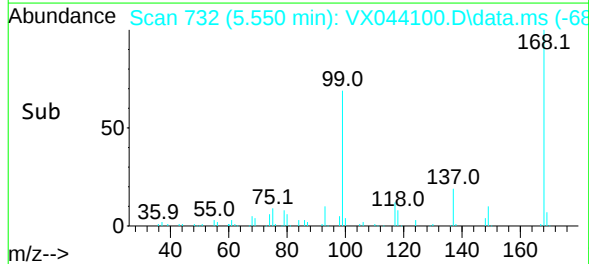


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044100.D
Acq: 03 Dec 2024 18:00

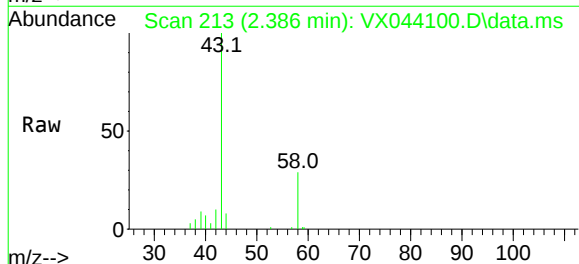
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-1



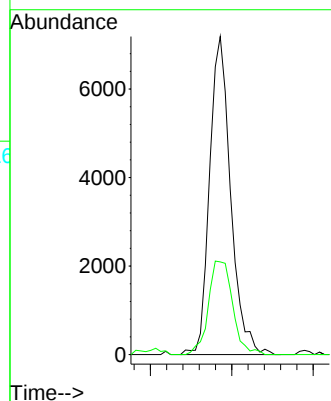
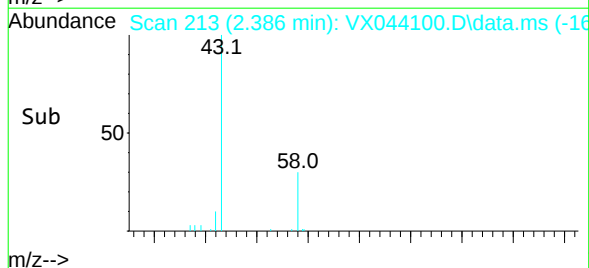
Tgt Ion: 168 Resp: 101739
Ion Ratio Lower Upper
168 100
99 69.0 51.8 77.8

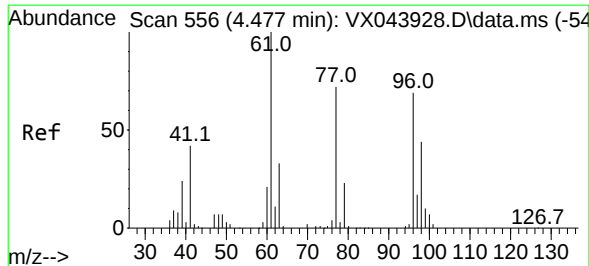


#16
Acetone
Concen: 16.107 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044100.D
Acq: 03 Dec 2024 18:00



Tgt Ion: 43 Resp: 12909
Ion Ratio Lower Upper
43 100
58 29.1 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.414 ug/l

RT: 4.489 min Scan# 556

Delta R.T. 0.012 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

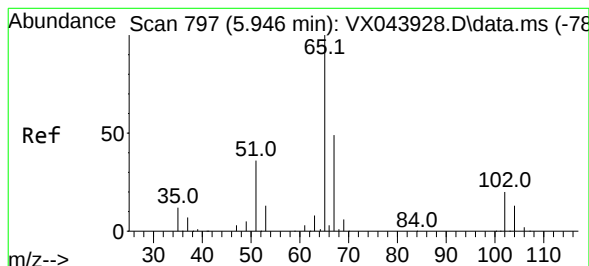
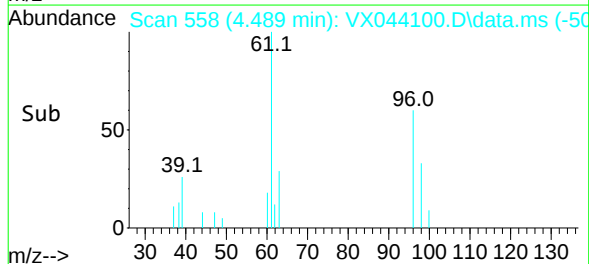
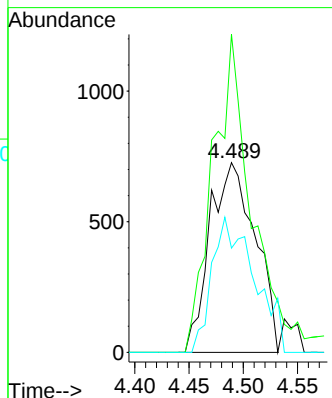
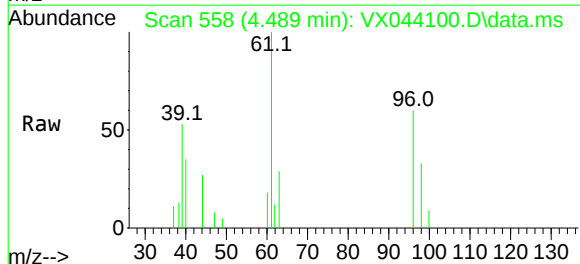
MSVOA_X

ClientSampleId :

SPLP-C11-1

Tgt Ion: 96 Resp: 2115

Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	297.4
98	66.6	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 52.081 ug/l

RT: 5.946 min Scan# 797

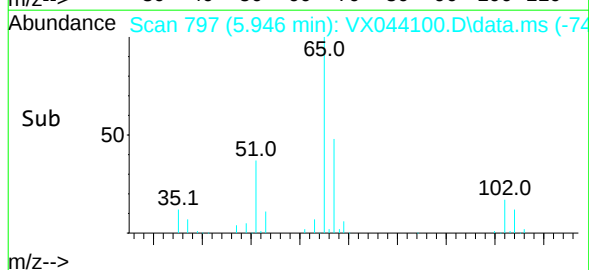
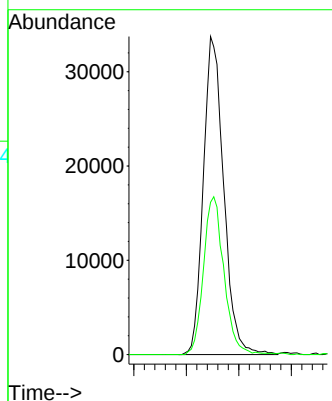
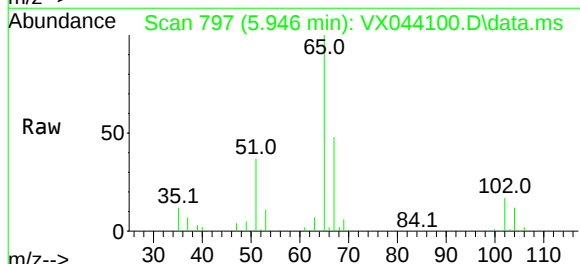
Delta R.T. -0.000 min

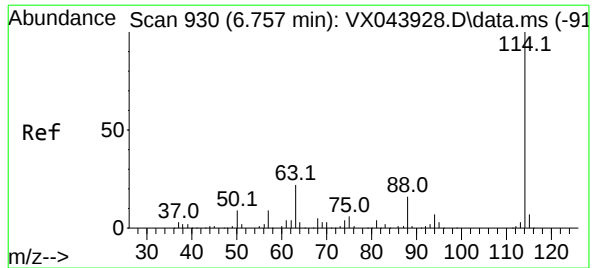
Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Tgt Ion: 65 Resp: 90882

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044100.D

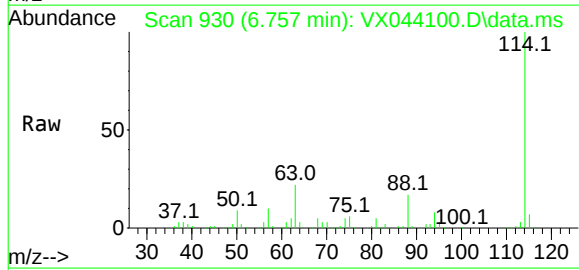
Acq: 03 Dec 2024 18:00

Instrument :

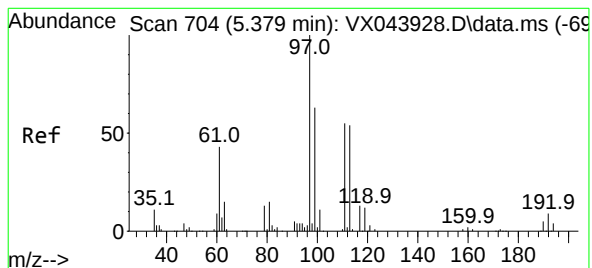
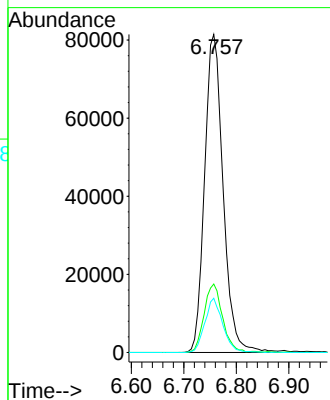
MSVOA_X

ClientSampleId :

SPLP-C11-1



Tgt Ion:	114	Resp:	199677
Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.0
88	17.1	0.0	32.4



#35

Dibromofluoromethane

Concen: 34.054 ug/l

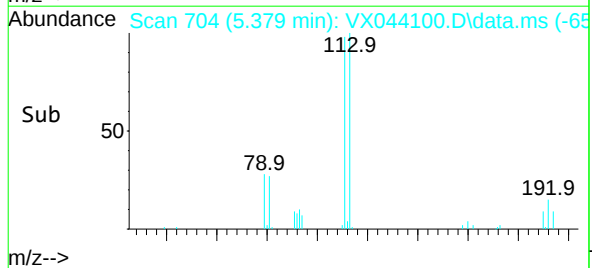
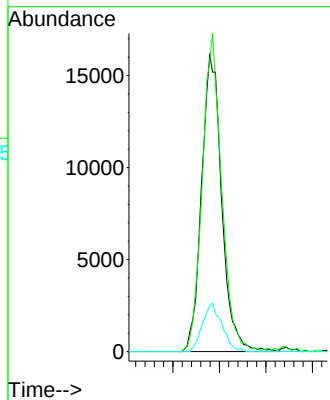
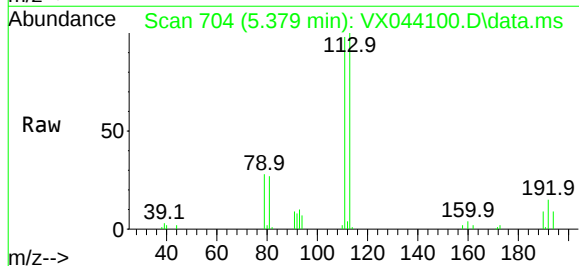
RT: 5.379 min Scan# 704

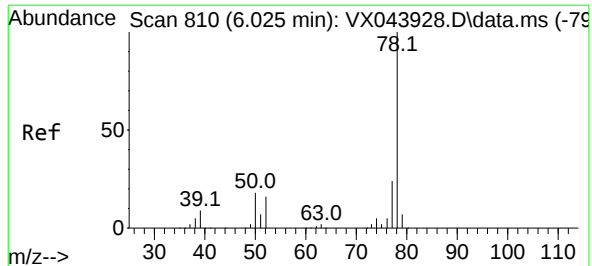
Delta R.T. -0.000 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Tgt Ion:	113	Resp:	48588
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	15.7	13.0	19.6





#40

Benzene

Concen: 19.943 ug/l

RT: 6.032 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

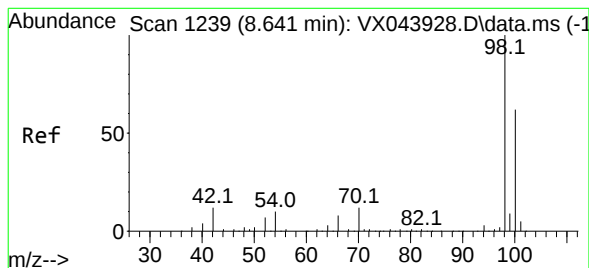
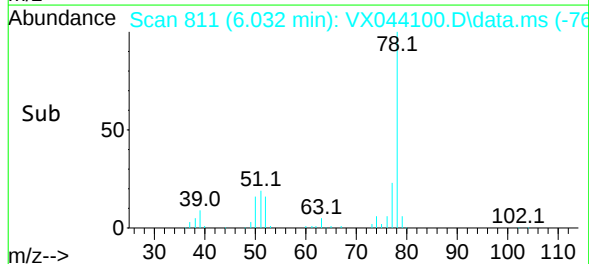
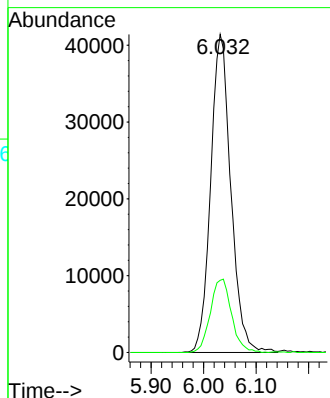
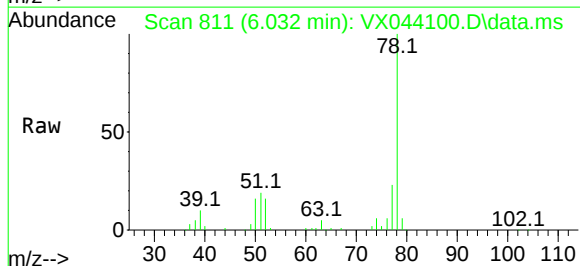
SPLP-C11-1

Tgt Ion: 78 Resp: 110450

Ion Ratio Lower Upper

78 100

77 22.7 19.2 28.8



#50

Toluene-d8

Concen: 50.569 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044100.D

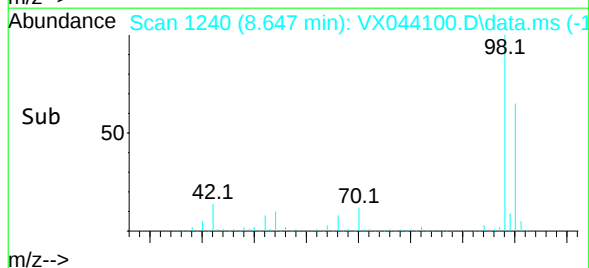
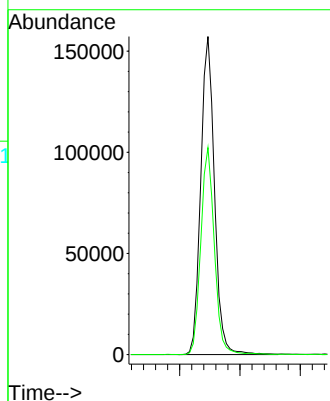
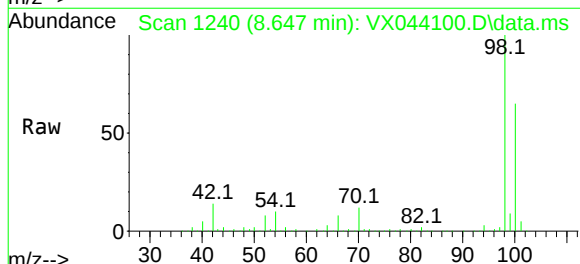
Acq: 03 Dec 2024 18:00

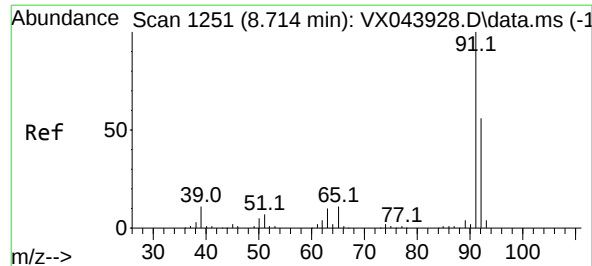
Tgt Ion: 98 Resp: 248714

Ion Ratio Lower Upper

98 100

100 64.4 52.6 79.0





#52

Toluene

Concen: 16.899 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044100.D

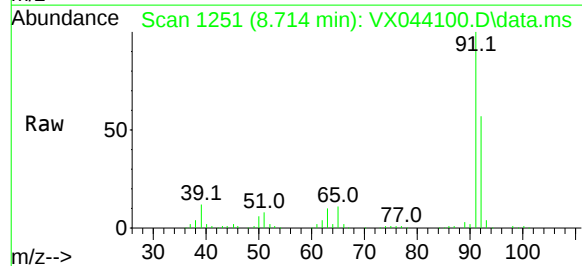
Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1

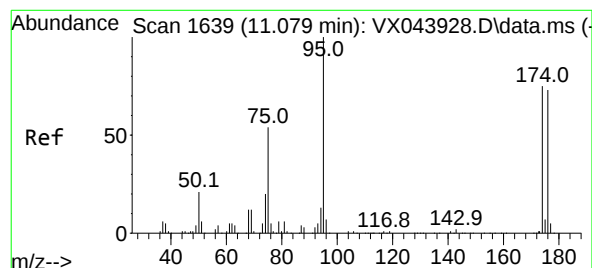
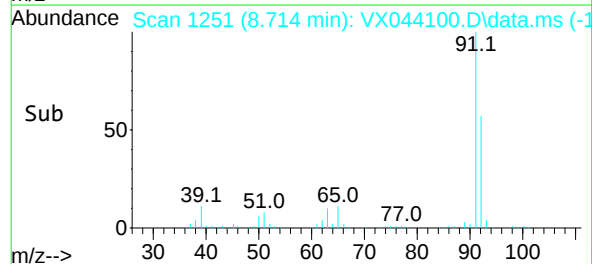
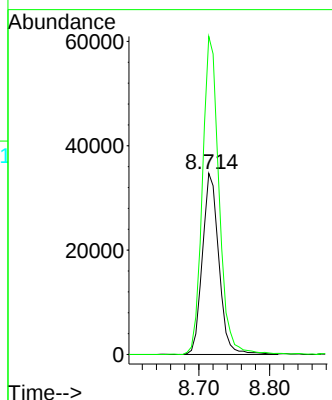


Tgt Ion: 92 Resp: 56017

Ion Ratio Lower Upper

92 100

91 177.7 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 55.692 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

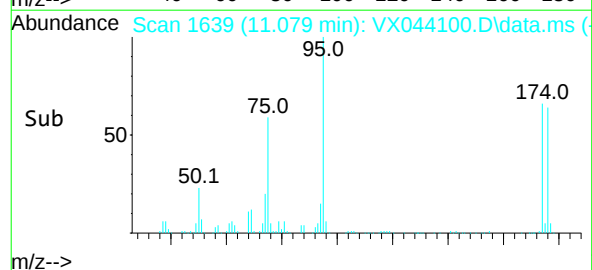
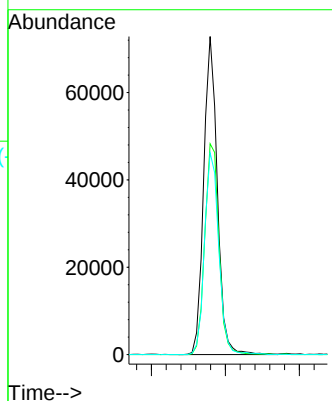
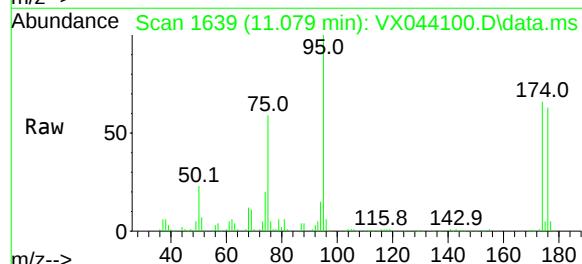
Tgt Ion: 95 Resp: 93219

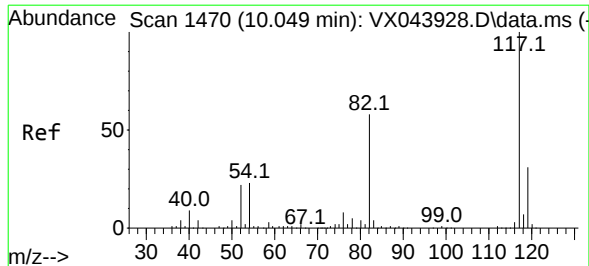
Ion Ratio Lower Upper

95 100

174 68.8 0.0 150.4

176 66.3 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1

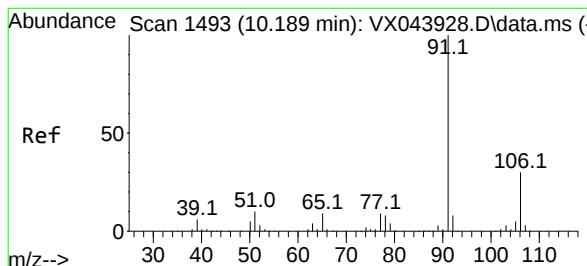
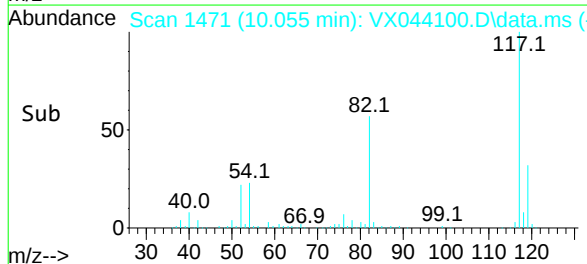
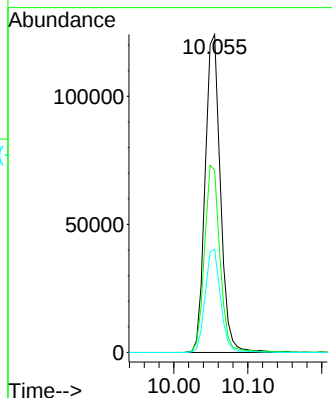
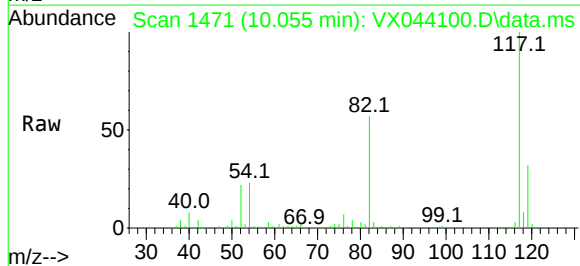
Tgt Ion:117 Resp: 178071

Ion Ratio Lower Upper

117 100

82 57.3 46.4 69.6

119 32.4 24.6 37.0



#67

Ethyl Benzene

Concen: 181.057 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044100.D

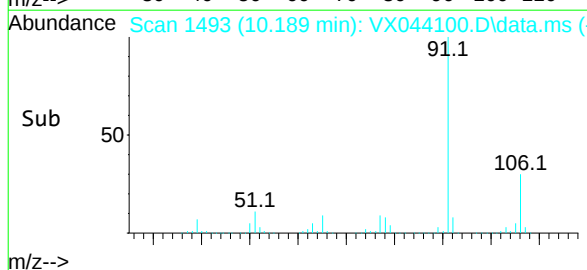
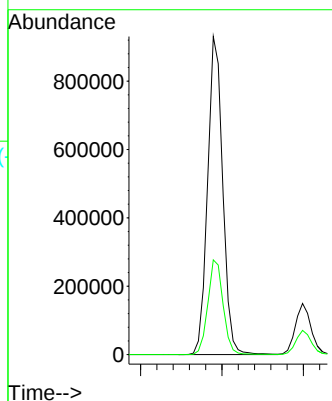
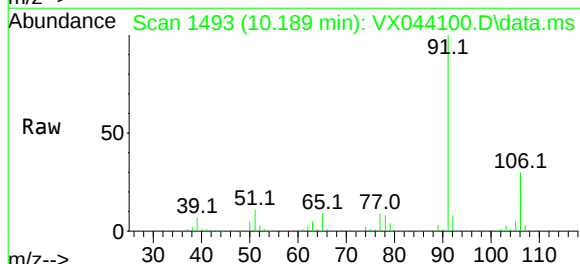
Acq: 03 Dec 2024 18:00

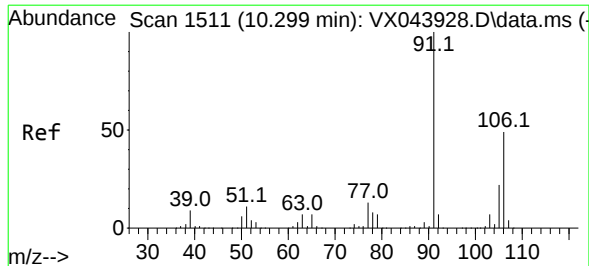
Tgt Ion: 91 Resp: 1199884

Ion Ratio Lower Upper

91 100

106 29.8 23.6 35.4





#68

m/p-Xylenes

Concen: 37.609 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

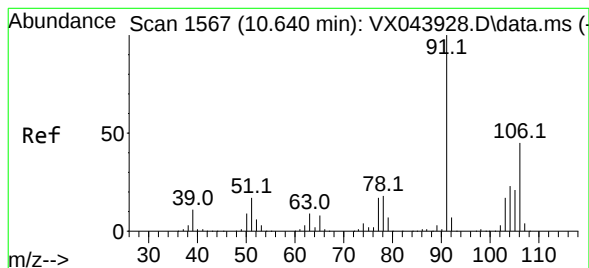
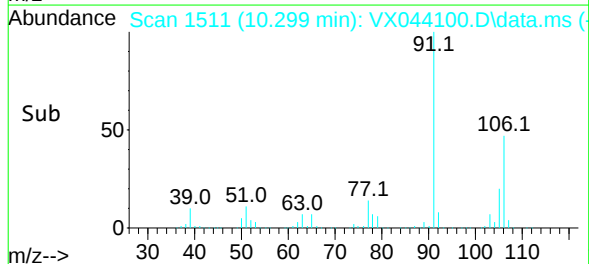
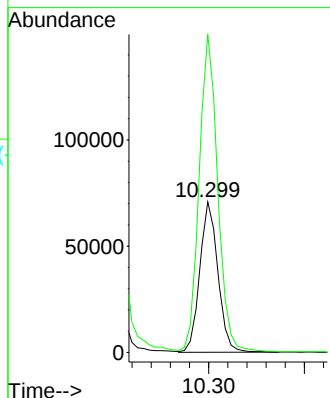
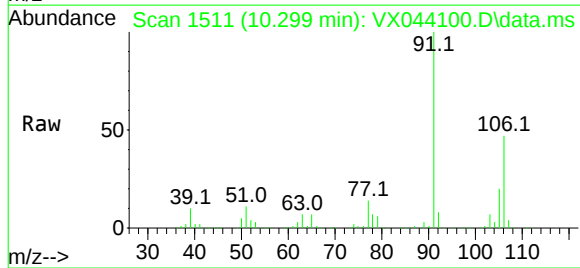
SPLP-C11-1

Tgt Ion:106 Resp: 92947

Ion Ratio Lower Upper

106 100

91 215.8 168.1 252.1



#69

o-Xylene

Concen: 43.204 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044100.D

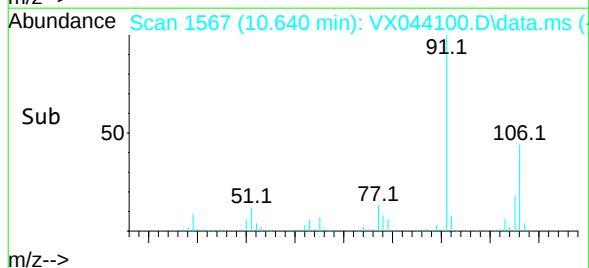
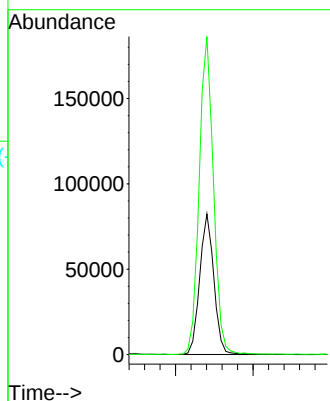
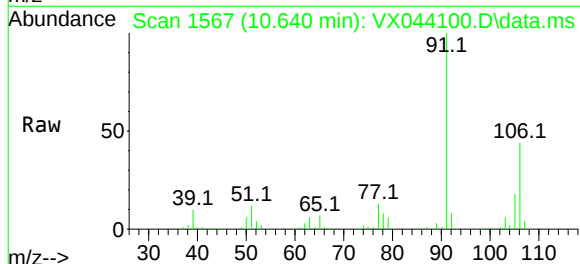
Acq: 03 Dec 2024 18:00

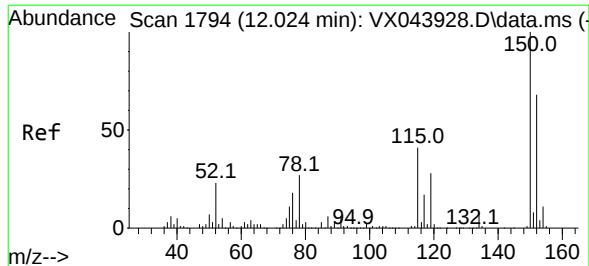
Tgt Ion:106 Resp: 104250

Ion Ratio Lower Upper

106 100

91 228.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044100.D

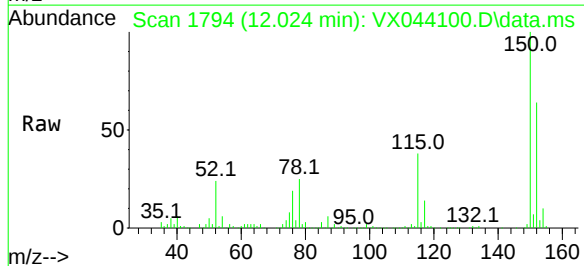
Acq: 03 Dec 2024 18:00

Instrument :

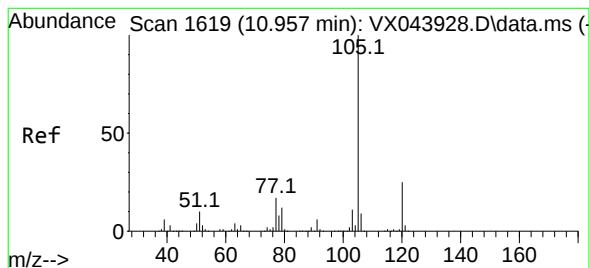
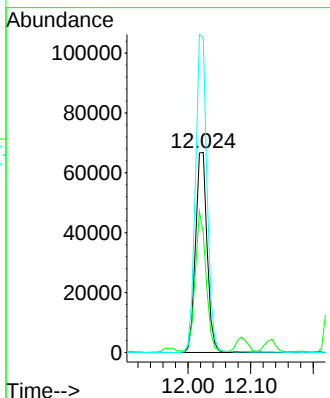
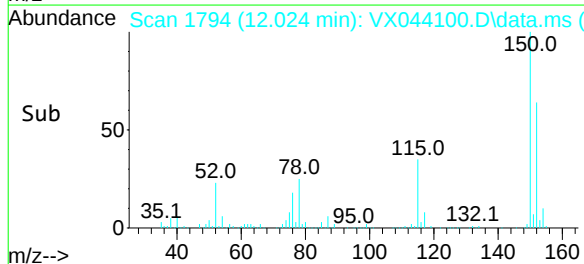
MSVOA_X

ClientSampleId :

SPLP-C11-1



Tgt Ion:	152	Resp:	86182
Ion	Ratio	Lower	Upper
152	100		
115	65.2	45.4	136.2
150	158.3	0.0	353.0



#73

Isopropylbenzene

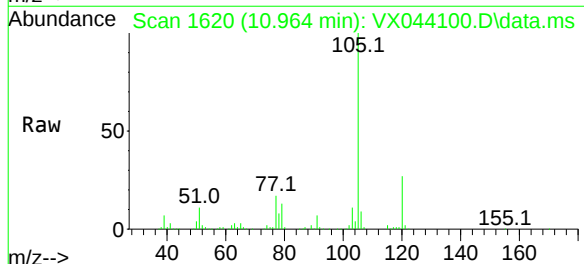
Concen: 13.484 ug/l

RT: 10.964 min Scan# 1620

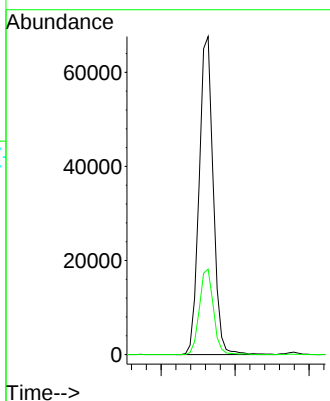
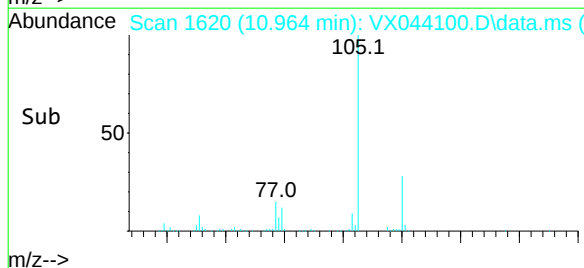
Delta R.T. 0.006 min

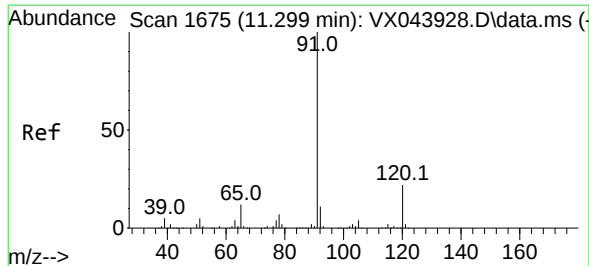
Lab File: VX044100.D

Acq: 03 Dec 2024 18:00



Tgt Ion:	105	Resp:	89327
Ion	Ratio	Lower	Upper
105	100		
120	26.8	13.0	38.9





#78

n-propylbenzene

Concen: 6.958 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044100.D

Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

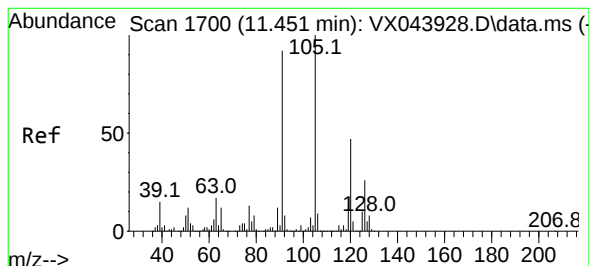
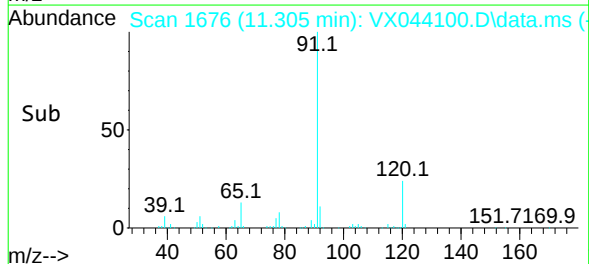
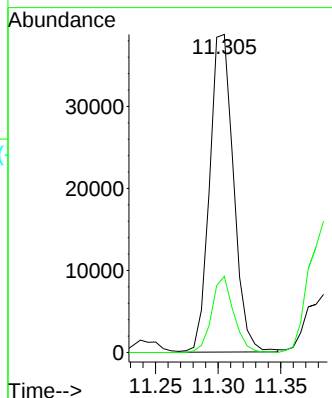
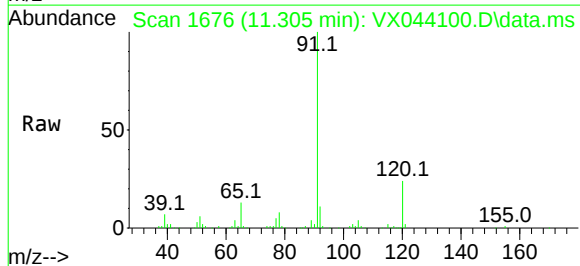
SPLP-C11-1

Tgt Ion: 91 Resp: 51484

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 13.703 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044100.D

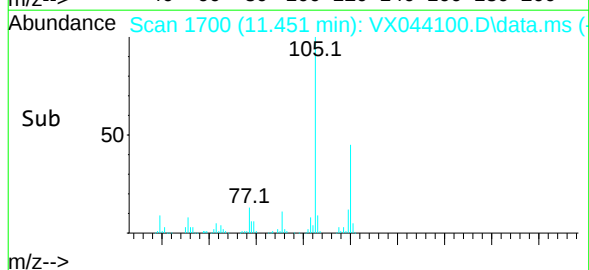
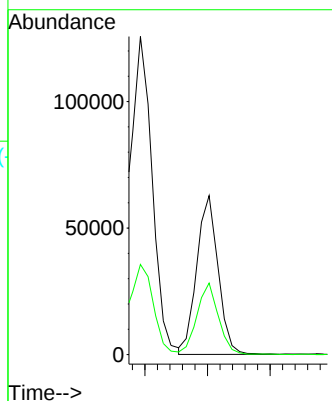
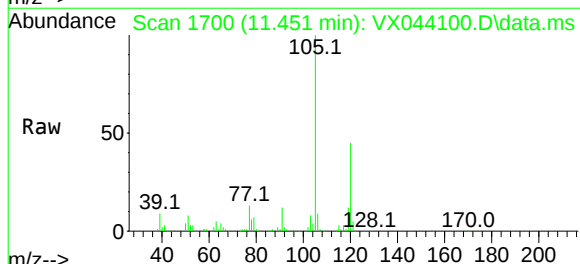
Acq: 03 Dec 2024 18:00

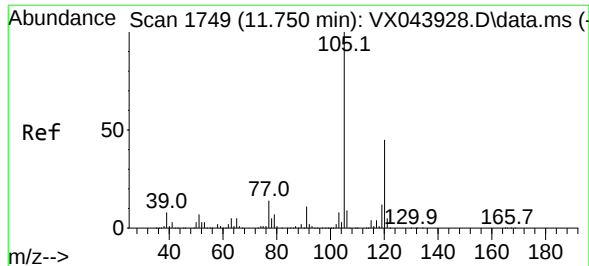
Tgt Ion: 105 Resp: 74687

Ion Ratio Lower Upper

105 100

120 45.6 23.3 69.8

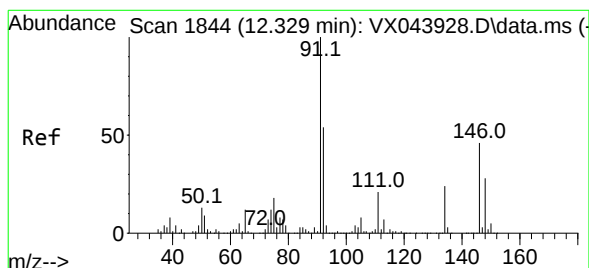
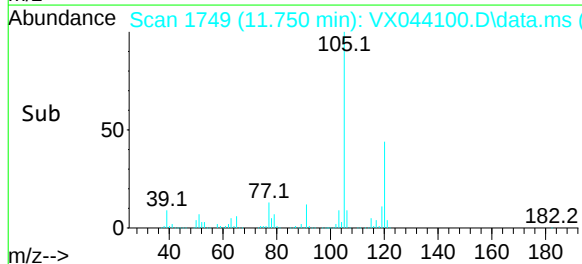
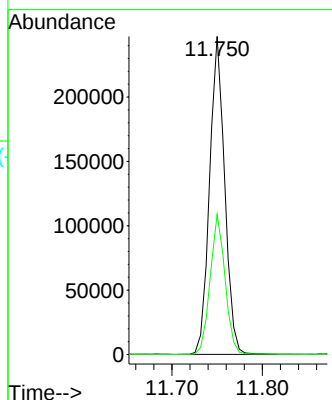
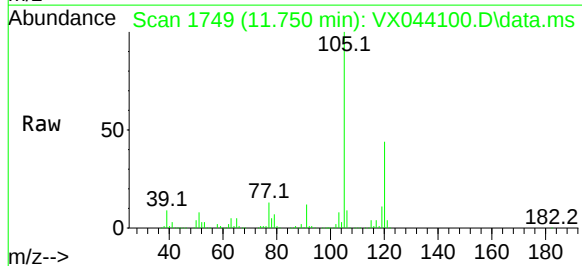




#84
1,2,4-Trimethylbenzene
Concen: 52.738 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX044100.D
Acq: 03 Dec 2024 18:00

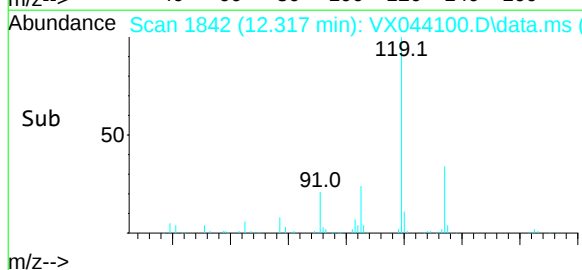
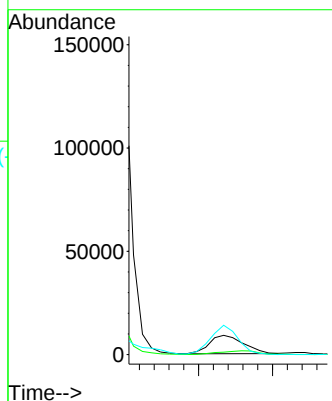
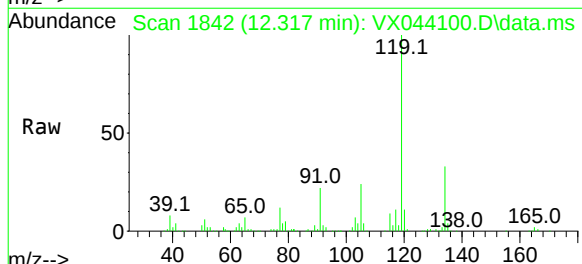
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-1

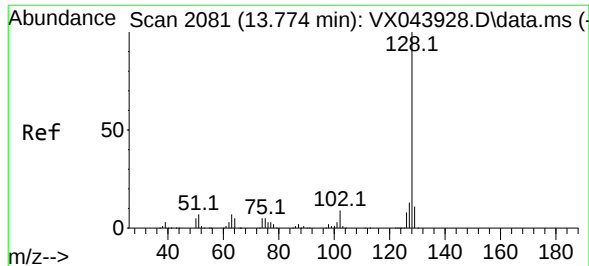
Tgt Ion:105 Resp: 286166
Ion Ratio Lower Upper
105 100
120 43.7 21.9 65.7



#89
n-Butylbenzene
Concen: 3.035 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.012 min
Lab File: VX044100.D
Acq: 03 Dec 2024 18:00

Tgt Ion: 91 Resp: 14386
Ion Ratio Lower Upper
91 100
92 23.9 26.6 79.8#
134 129.2 12.4 37.2#





#95

Naphthalene

Concen: 1720.843 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044100.D

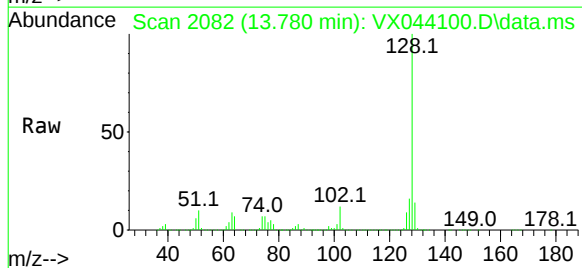
Acq: 03 Dec 2024 18:00

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1



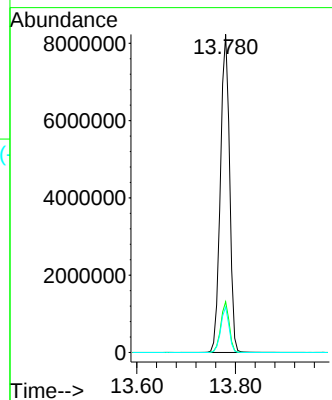
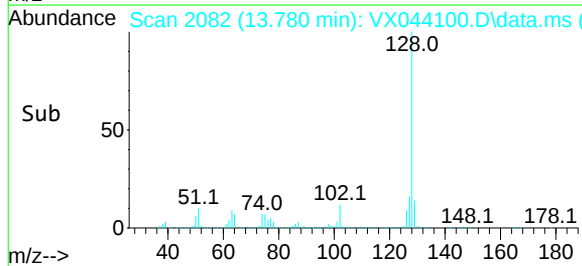
Tgt Ion:128 Resp:10608114

Ion Ratio Lower Upper

128 100

127 14.7 10.2 15.2

129 13.0 8.6 12.8#



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-1DL	SDG No.:	P5006
Lab Sample ID:	P5006-12DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044117.D	5		12/04/24 15:20	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	UD	1.10	25.0	ug/L
74-87-3	Chloromethane	1.80	UD	1.80	25.0	ug/L
75-01-4	Vinyl Chloride	1.70	UD	1.70	25.0	ug/L
74-83-9	Bromomethane	6.80	UD	6.80	25.0	ug/L
75-00-3	Chloroethane	2.80	UD	2.80	25.0	ug/L
75-69-4	Trichlorofluoromethane	1.70	UD	1.70	25.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UD	1.30	25.0	ug/L
75-35-4	1,1-Dichloroethene	1.30	UD	1.30	25.0	ug/L
67-64-1	Acetone	22.2	JD	7.00	130	ug/L
75-15-0	Carbon Disulfide	1.60	UD	1.60	25.0	ug/L
1634-04-4	Methyl tert-butyl Ether	0.80	UD	0.80	25.0	ug/L
79-20-9	Methyl Acetate	3.00	UD	3.00	25.0	ug/L
75-09-2	Methylene Chloride	1.60	UD	1.60	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	1.30	UD	1.30	25.0	ug/L
75-34-3	1,1-Dichloroethane	1.20	UD	1.20	25.0	ug/L
110-82-7	Cyclohexane	8.10	UD	8.10	25.0	ug/L
78-93-3	2-Butanone	6.50	UD	6.50	130	ug/L
56-23-5	Carbon Tetrachloride	1.30	UD	1.30	25.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1.30	UD	1.30	25.0	ug/L
74-97-5	Bromochloromethane	0.90	UD	0.90	25.0	ug/L
67-66-3	Chloroform	1.30	UD	1.30	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	0.95	UD	0.95	25.0	ug/L
108-87-2	Methylcyclohexane	0.95	UD	0.95	25.0	ug/L
71-43-2	Benzene	20.3	JD	0.80	25.0	ug/L
107-06-2	1,2-Dichloroethane	1.20	UD	1.20	25.0	ug/L
79-01-6	Trichloroethene	1.60	UD	1.60	25.0	ug/L
78-87-5	1,2-Dichloropropane	0.95	UD	0.95	25.0	ug/L
75-27-4	Bromodichloromethane	1.20	UD	1.20	25.0	ug/L
108-10-1	4-Methyl-2-Pentanone	3.80	UD	3.80	130	ug/L
108-88-3	Toluene	17.3	JD	0.90	25.0	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-1DL	SDG No.:	P5006
Lab Sample ID:	P5006-12DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044117.D	5		12/04/24 15:20	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	1.10	UD	1.10	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.90	UD	0.90	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	1.10	UD	1.10	25.0	ug/L
591-78-6	2-Hexanone	5.70	UD	5.70	130	ug/L
124-48-1	Dibromochloromethane	0.90	UD	0.90	25.0	ug/L
106-93-4	1,2-Dibromoethane	0.80	UD	0.80	25.0	ug/L
127-18-4	Tetrachloroethene	1.30	UD	1.30	25.0	ug/L
108-90-7	Chlorobenzene	0.65	UD	0.65	25.0	ug/L
100-41-4	Ethyl Benzene	180	D	0.80	25.0	ug/L
179601-23-1	m/p-Xylenes	37.1	JD	1.60	50.0	ug/L
95-47-6	o-Xylene	44.9	D	0.70	25.0	ug/L
100-42-5	Styrene	0.80	UD	0.80	25.0	ug/L
75-25-2	Bromoform	1.10	UD	1.10	25.0	ug/L
98-82-8	Isopropylbenzene	15.9	JD	0.65	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.40	UD	1.40	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	1.20	UD	1.20	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	1.40	UD	1.40	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	0.95	UD	0.95	25.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	UD	2.30	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	2.10	UD	2.10	25.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	2.60	UD	2.60	25.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	44.7		70 (75) - 130 (124)	89%	SPK: 50
2037-26-5	Toluene-d8	49.9		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	101000	5.544			
540-36-3	1,4-Difluorobenzene	197000	6.757			
3114-55-4	Chlorobenzene-d5	175000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	75600	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C11-1DL		SDG No.:	P5006	
Lab Sample ID:	P5006-12DL		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044117.D	5		12/04/24 15:20	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044117.D
 Acq On : 04 Dec 2024 15:20
 Operator : JC/MD
 Sample : P5006-12DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-1DL

Quant Time: Dec 05 00:28:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

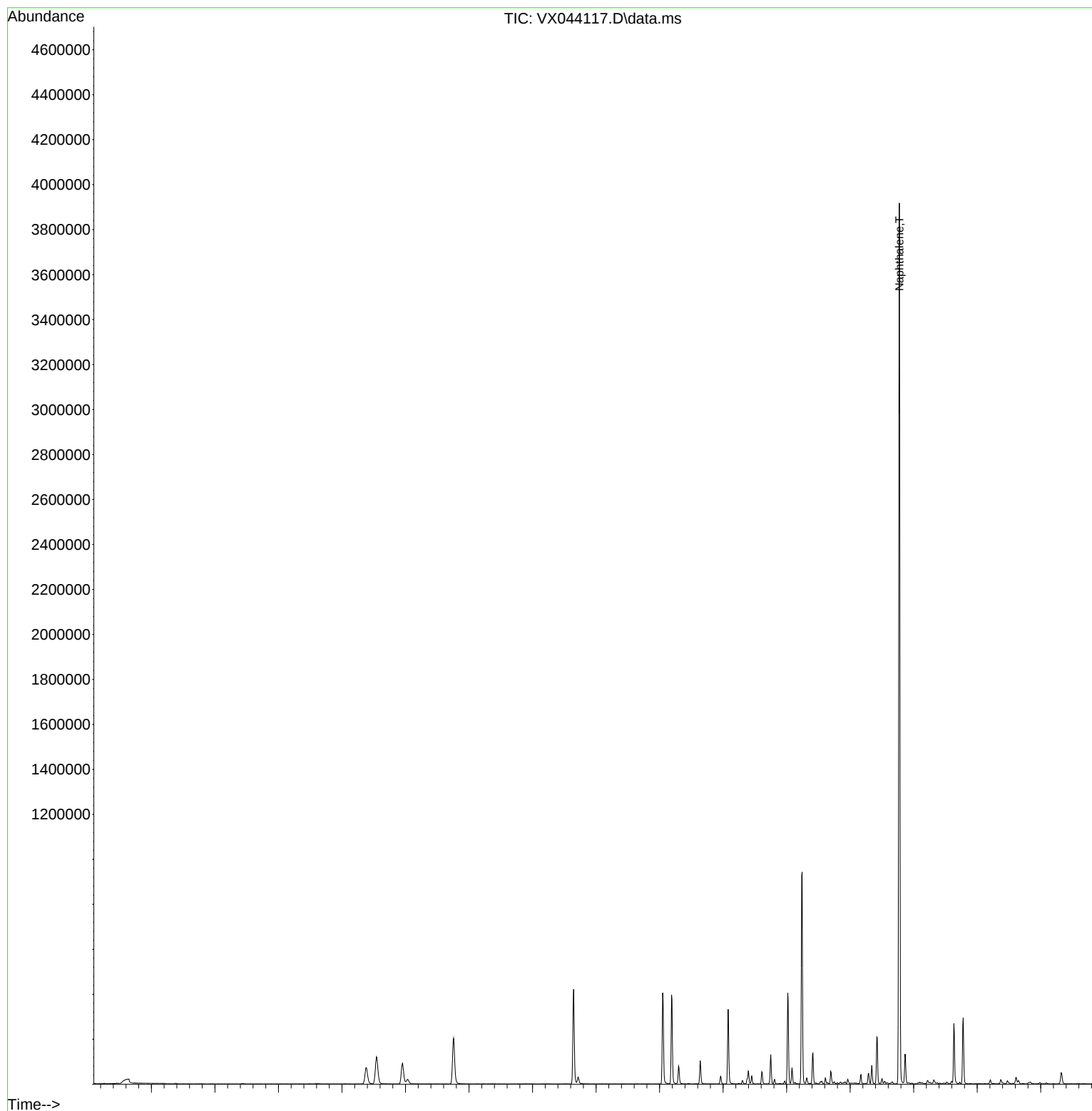
Internal Standards						
1) Pentafluorobenzene	5.544	168	101061	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	197189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	174734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	75611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91646	52.872	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	5.379	113	62986	44.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 89.400%			
50) Toluene-d8	8.647	98	242319	49.891	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.780%			
62) 4-Bromofluorobenzene	11.079	95	84083	50.868	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.740%			
Target Compounds						
16) Acetone	2.386	43	3538	4.444	ug/l	99
40) Benzene	6.031	78	22219	4.063	ug/l	97
52) Toluene	8.714	92	11352	3.468	ug/l	96
67) Ethyl Benzene	10.189	91	232333	35.728	ug/l	98
68) m/p-Xylenes	10.299	106	17970	7.410	ug/l	96
69) o-Xylene	10.640	106	21278	8.987	ug/l	98
73) Isopropylbenzene	10.963	105	18497	3.182	ug/l	92
78) n-propylbenzene	11.305	91	9593	1.478	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	14799	3.095	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	53643	11.268	ug/l	98
95) Naphthalene	13.774	128	2198121	406.431	ug/l	99

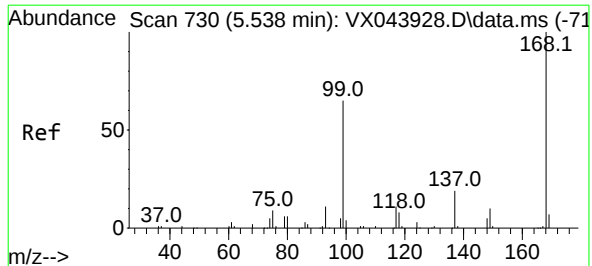
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044117.D
Acq On : 04 Dec 2024 15:20
Operator : JC/MD
Sample : P5006-12DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-1DL

Quant Time: Dec 05 00:28:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 73

Delta R.T. 0.006 min

Lab File: VX044117.D

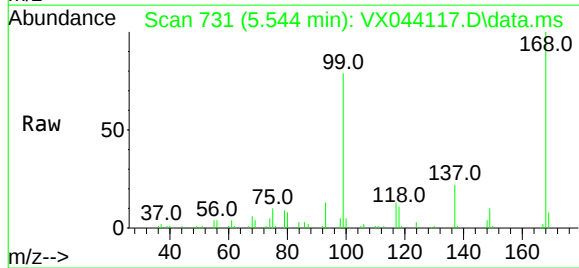
Acq: 04 Dec 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1DL

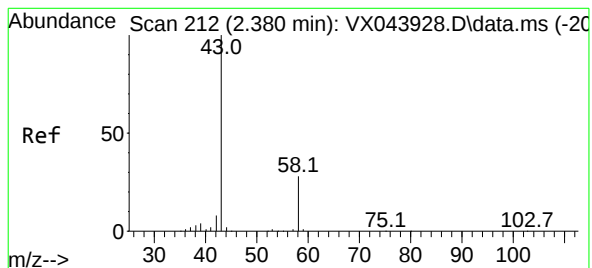
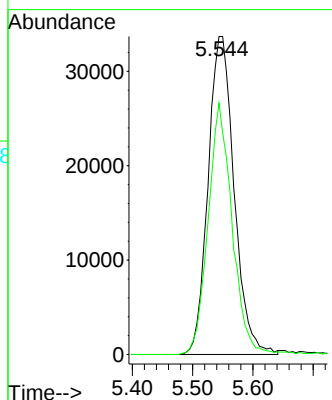


Tgt Ion:168 Resp: 101061

Ion Ratio Lower Upper

168 100

99 79.0 51.8 77.8#



#16

Acetone

Concen: 4.444 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044117.D

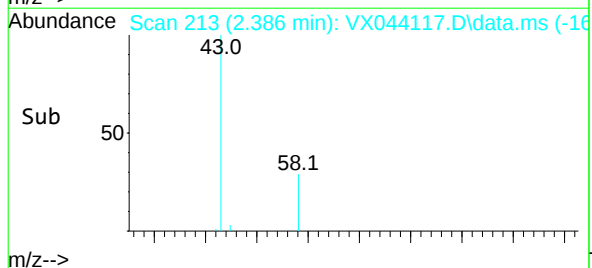
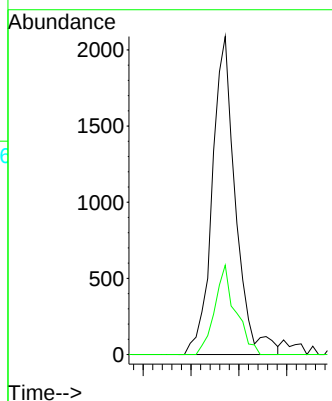
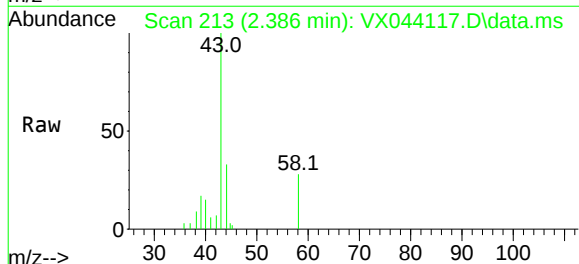
Acq: 04 Dec 2024 15:20

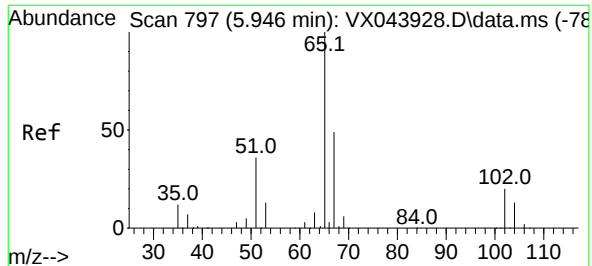
Tgt Ion: 43 Resp: 3538

Ion Ratio Lower Upper

43 100

58 28.1 22.7 34.1

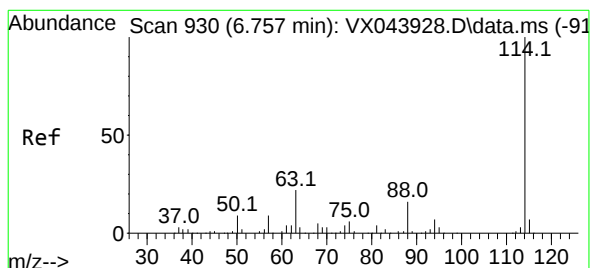
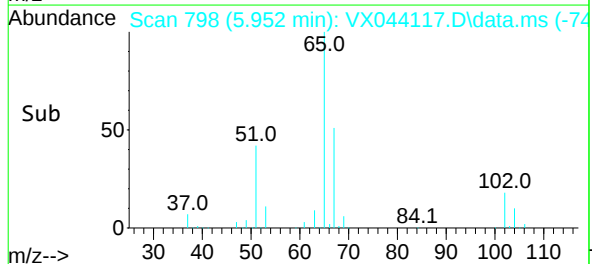
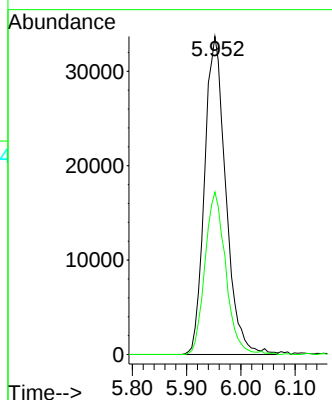
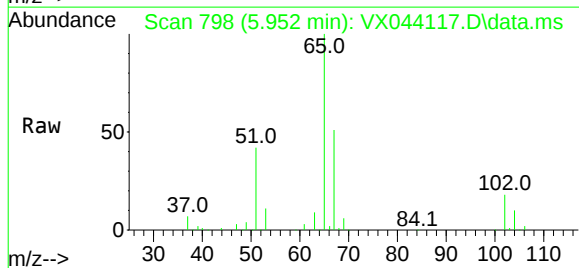




#33
1,2-Dichloroethane-d4
Concen: 52.872 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044117.D
Acq: 04 Dec 2024 15:20

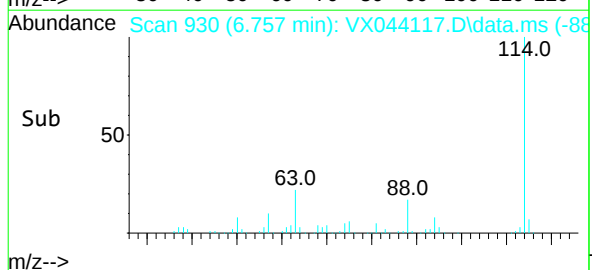
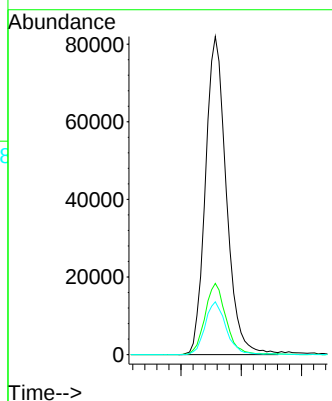
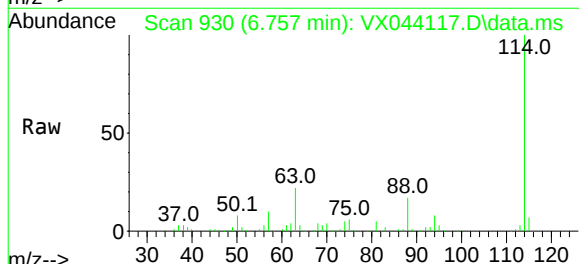
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-1DL

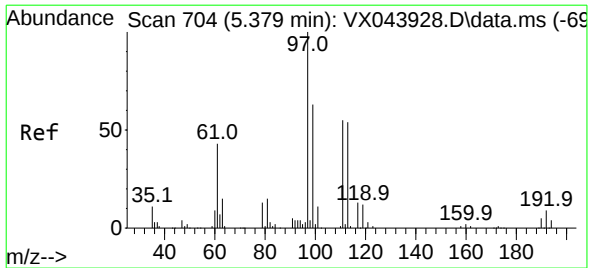
Tgt Ion: 65 Resp: 91646
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044117.D
Acq: 04 Dec 2024 15:20

Tgt Ion: 114 Resp: 197189
Ion Ratio Lower Upper
114 100
63 22.4 0.0 44.0
88 16.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 44.702 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044117.D

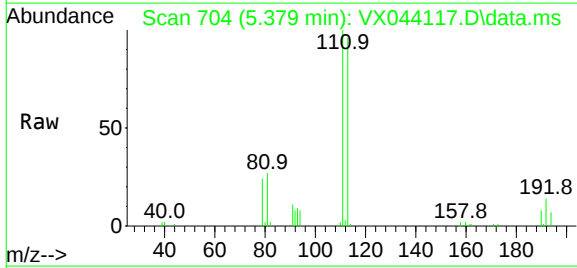
Acq: 04 Dec 2024 15:20

Instrument :

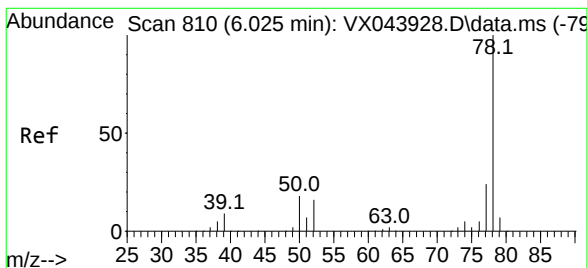
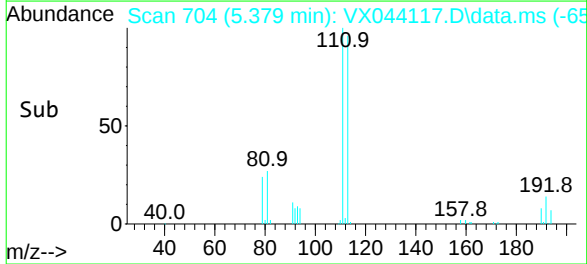
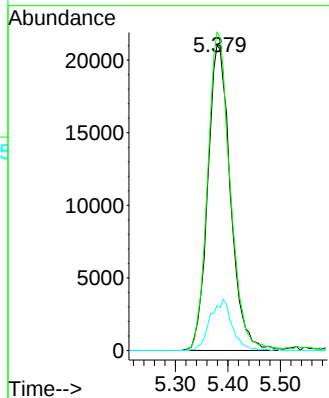
MSVOA_X

ClientSampleId :

SPLP-C11-1DL



Tgt Ion:	113	Resp:	62986
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.0	121.4
192	16.3	13.0	19.6



#40

Benzene

Concen: 4.063 ug/l

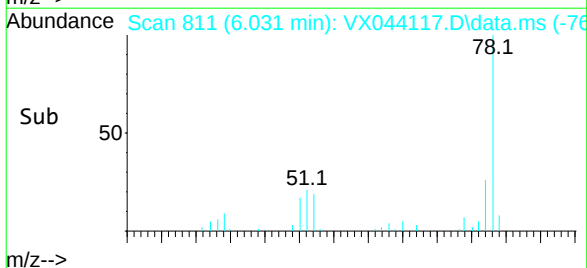
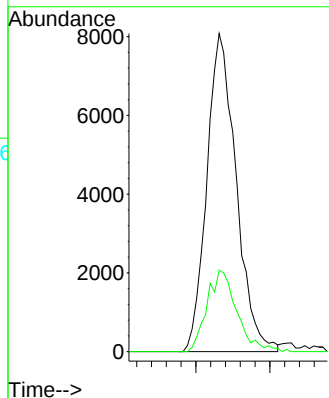
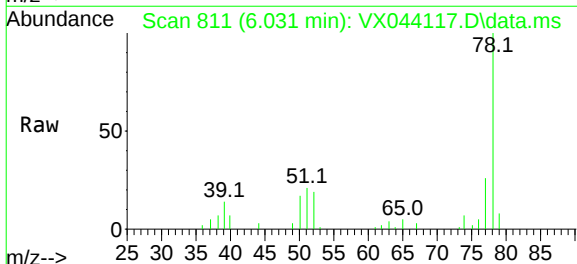
RT: 6.031 min Scan# 811

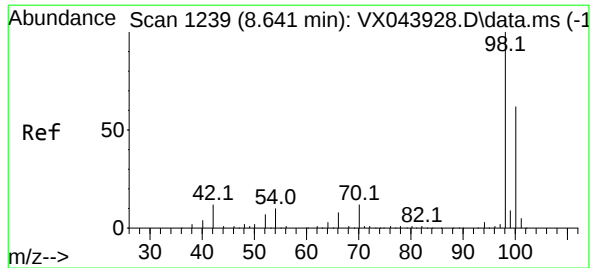
Delta R.T. 0.006 min

Lab File: VX044117.D

Acq: 04 Dec 2024 15:20

Tgt Ion:	78	Resp:	22219
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.2	28.8





#50

Toluene-d8

Concen: 49.891 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044117.D

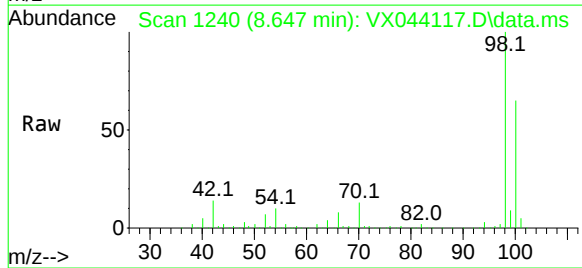
Acq: 04 Dec 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1DL

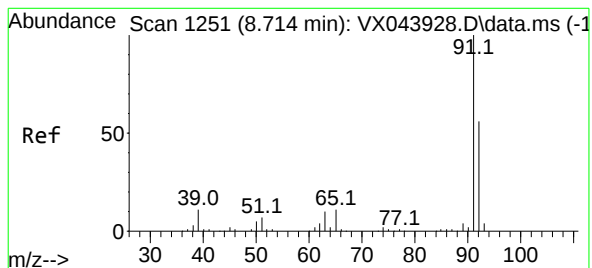
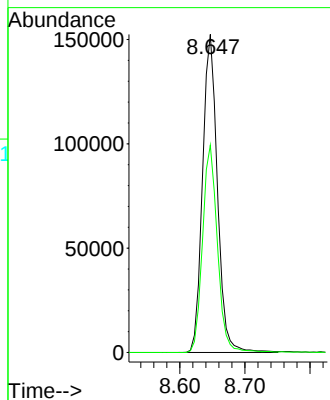
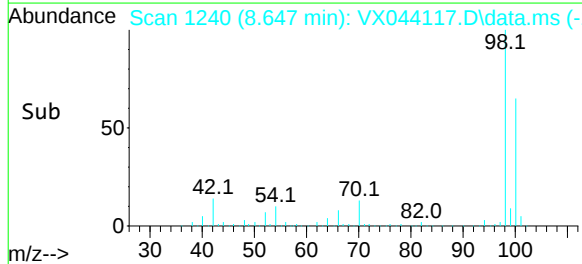


Tgt Ion: 98 Resp: 242319

Ion Ratio Lower Upper

98 100

100 65.2 52.6 79.0



#52

Toluene

Concen: 3.468 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044117.D

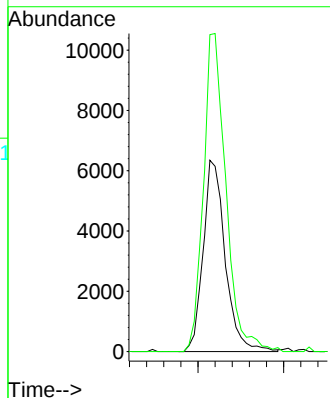
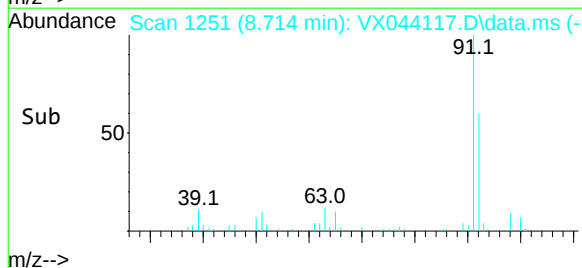
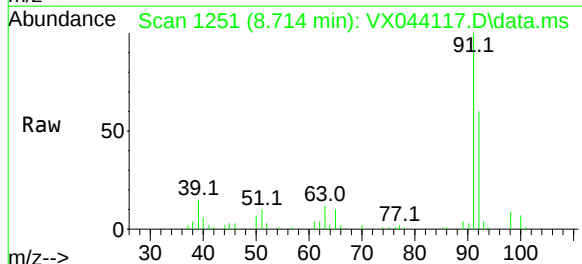
Acq: 04 Dec 2024 15:20

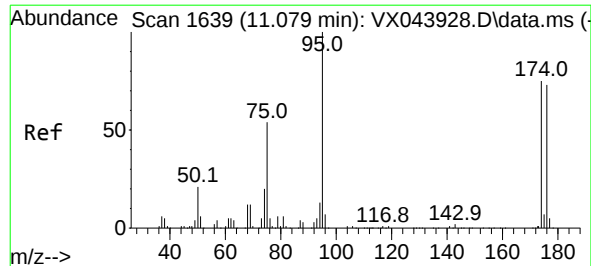
Tgt Ion: 92 Resp: 11352

Ion Ratio Lower Upper

92 100

91 169.7 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 50.868 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044117.D

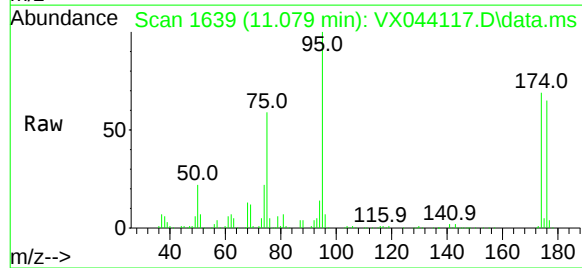
Acq: 04 Dec 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1DL



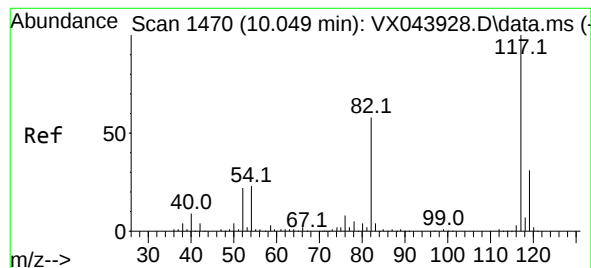
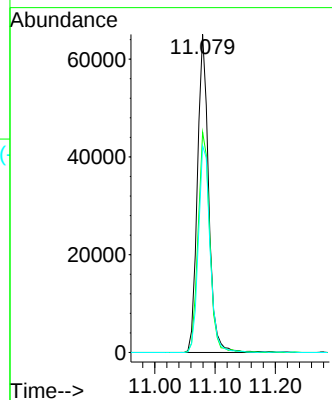
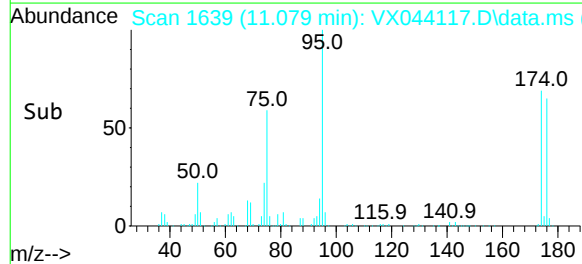
Tgt Ion: 95 Resp: 84083

Ion Ratio Lower Upper

95 100

174 72.0 0.0 150.4

176 67.8 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044117.D

Acq: 04 Dec 2024 15:20

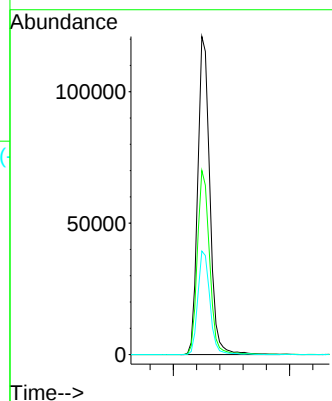
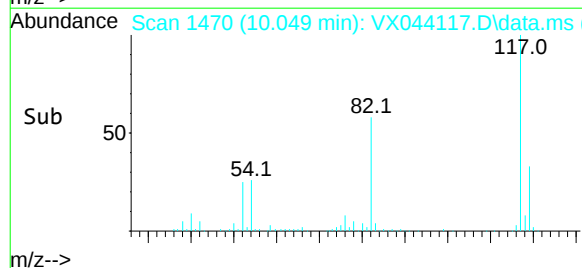
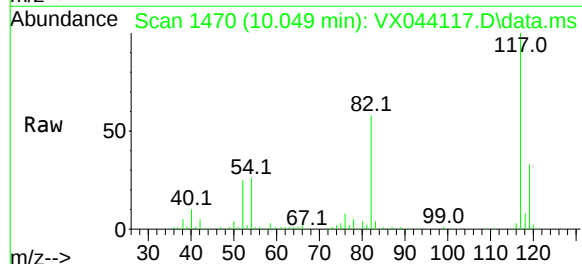
Tgt Ion: 117 Resp: 174734

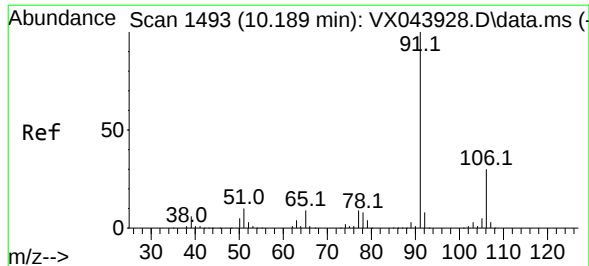
Ion Ratio Lower Upper

117 100

82 57.9 46.4 69.6

119 32.5 24.6 37.0





#67

Ethyl Benzene

Concen: 35.728 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044117.D

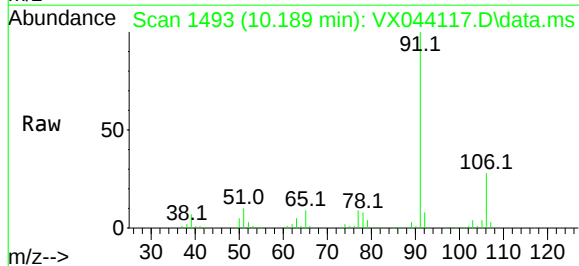
Acq: 04 Dec 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1DL

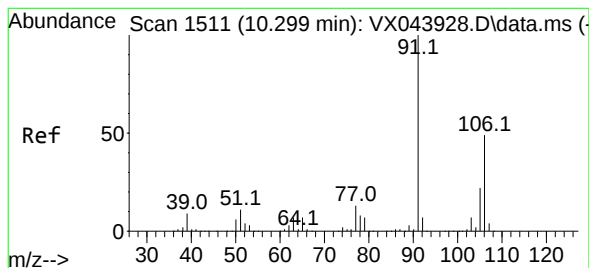
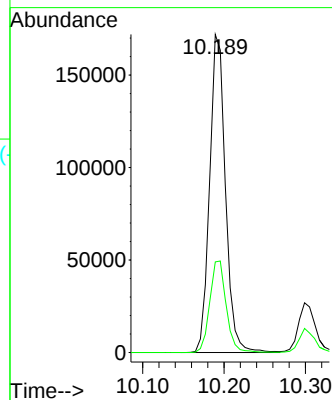
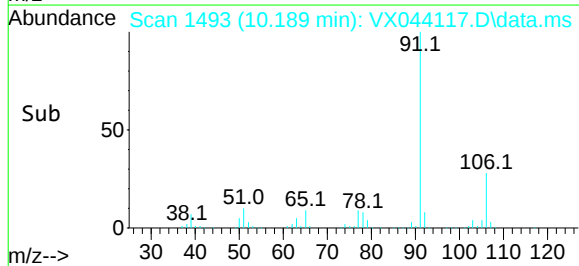


Tgt Ion: 91 Resp: 232333

Ion Ratio Lower Upper

91 100

106 28.5 23.6 35.4



#68

m/p-Xylenes

Concen: 7.410 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044117.D

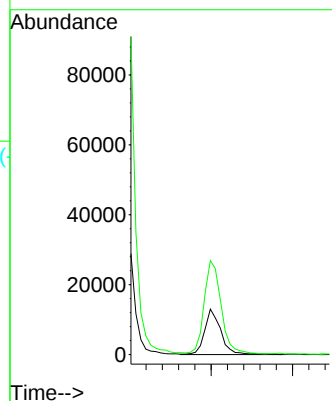
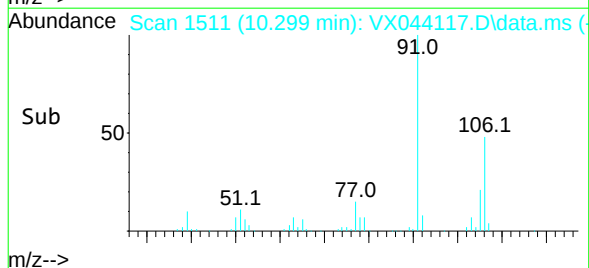
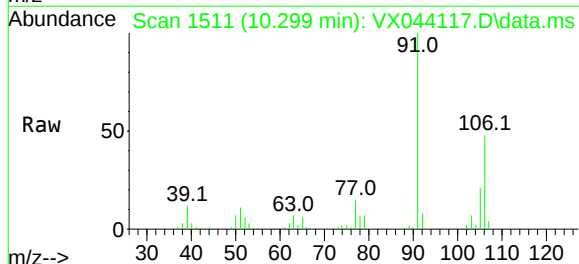
Acq: 04 Dec 2024 15:20

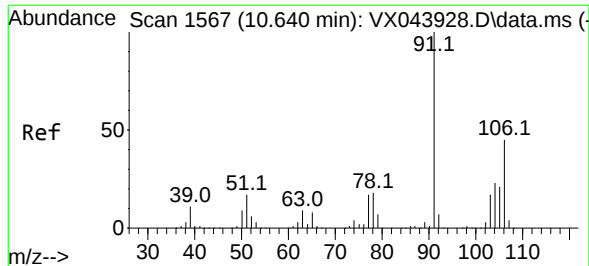
Tgt Ion: 106 Resp: 17970

Ion Ratio Lower Upper

106 100

91 216.0 168.1 252.1





#69

o-Xylene

Concen: 8.987 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044117.D

Acq: 04 Dec 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

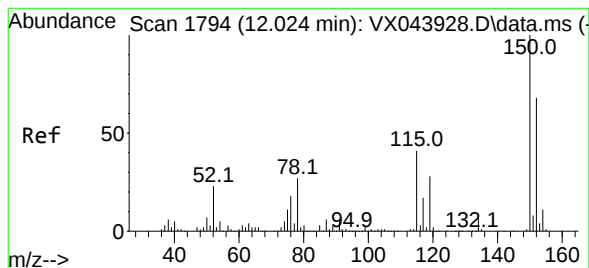
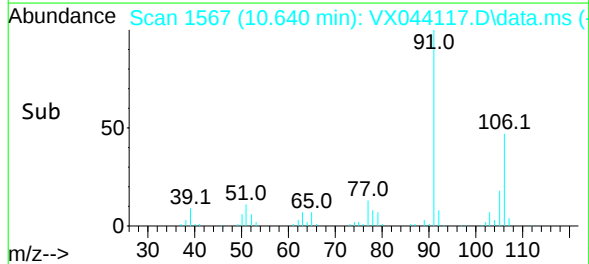
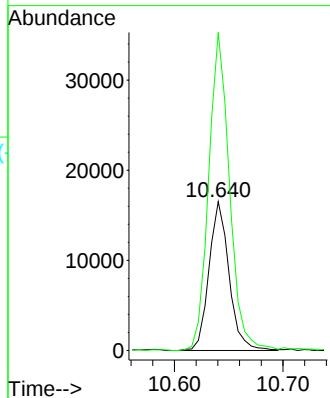
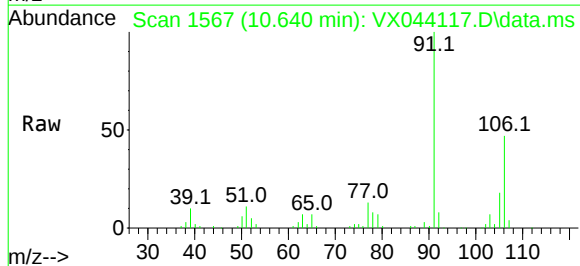
SPLP-C11-1DL

Tgt Ion:106 Resp: 21278

Ion Ratio Lower Upper

106 100

91 223.5 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044117.D

Acq: 04 Dec 2024 15:20

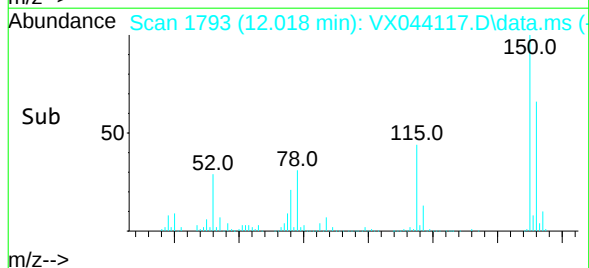
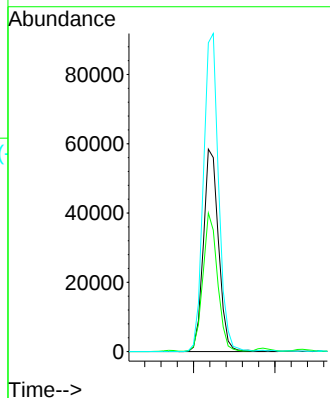
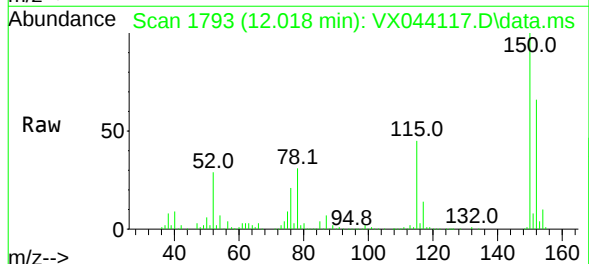
Tgt Ion:152 Resp: 75611

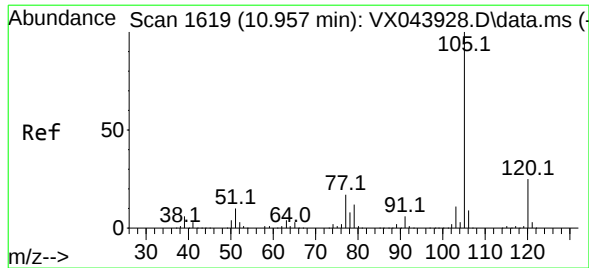
Ion Ratio Lower Upper

152 100

115 65.4 45.4 136.2

150 157.3 0.0 353.0





#73

Isopropylbenzene

Concen: 3.182 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044117.D

Acq: 04 Dec 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

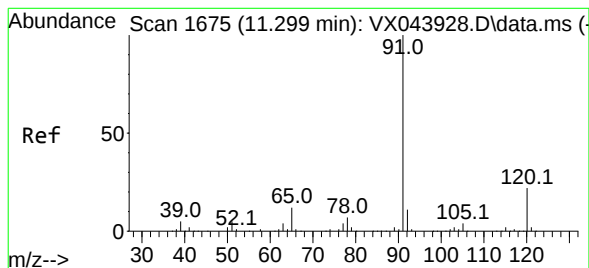
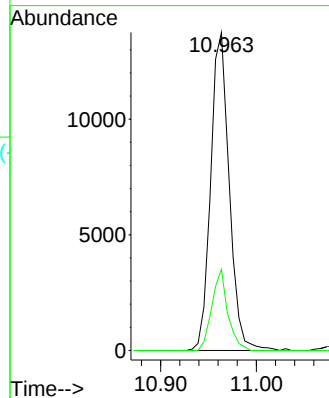
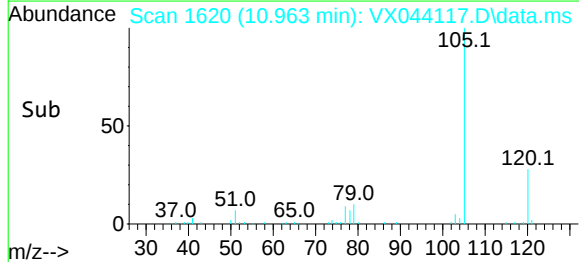
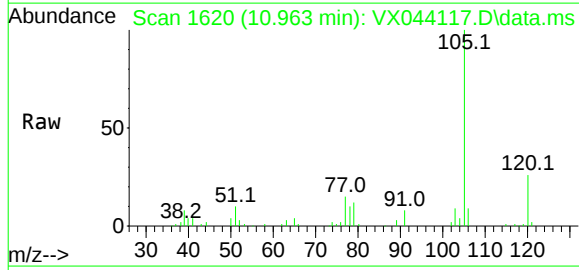
SPLP-C11-1DL

Tgt Ion: 105 Resp: 18497

Ion Ratio Lower Upper

105 100

120 21.8 13.0 38.9



#78

n-propylbenzene

Concen: 1.478 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044117.D

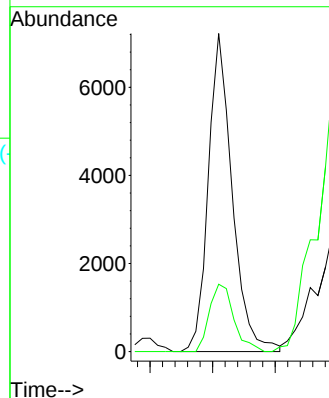
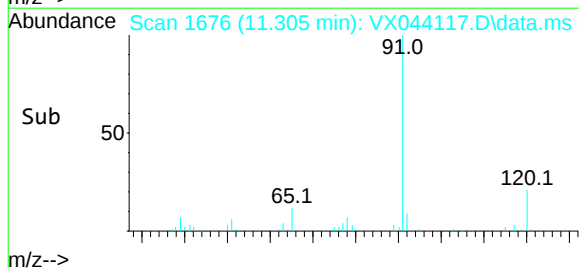
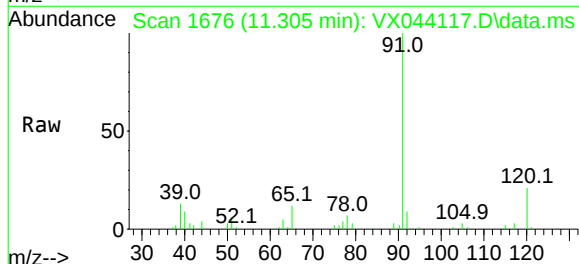
Acq: 04 Dec 2024 15:20

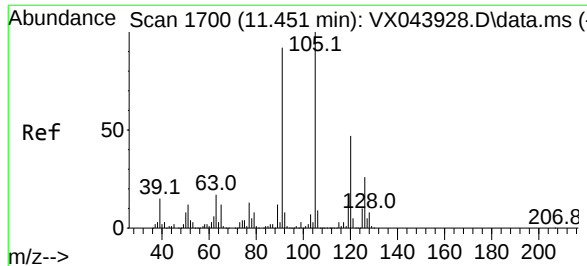
Tgt Ion: 91 Resp: 9593

Ion Ratio Lower Upper

91 100

120 21.6 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 3.095 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044117.D

Acq: 04 Dec 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

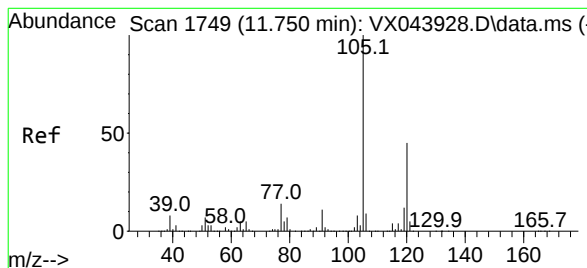
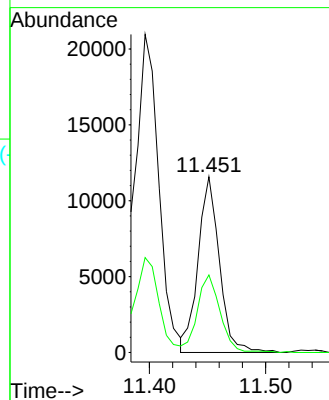
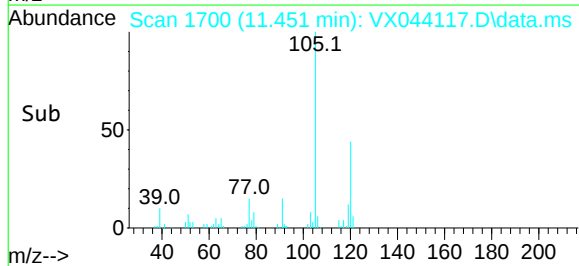
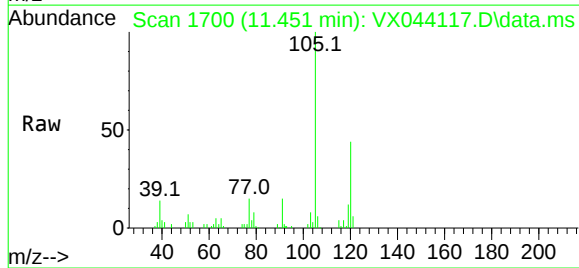
SPLP-C11-1DL

Tgt Ion:105 Resp: 14799

Ion Ratio Lower Upper

105 100

120 47.3 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 11.268 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044117.D

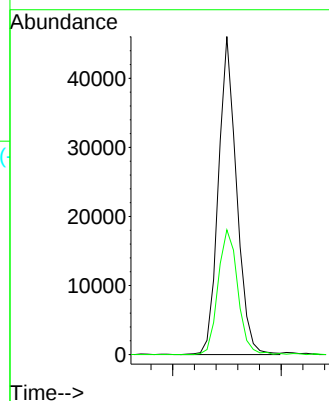
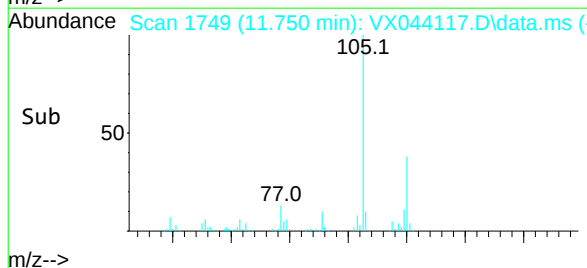
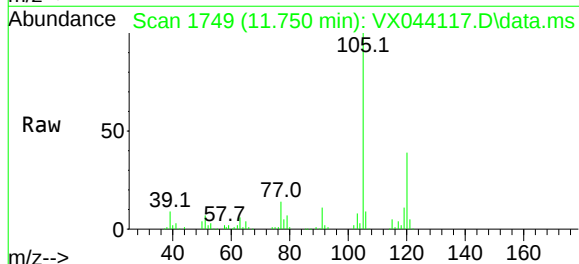
Acq: 04 Dec 2024 15:20

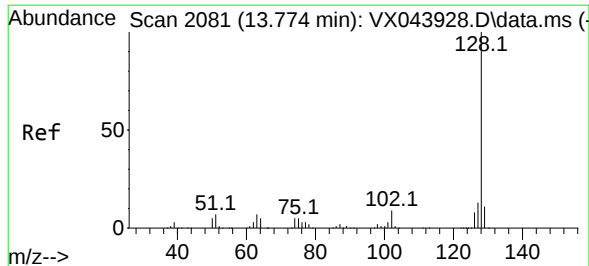
Tgt Ion:105 Resp: 53643

Ion Ratio Lower Upper

105 100

120 42.5 21.9 65.7





#95

Naphthalene

Concen: 406.431 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044117.D

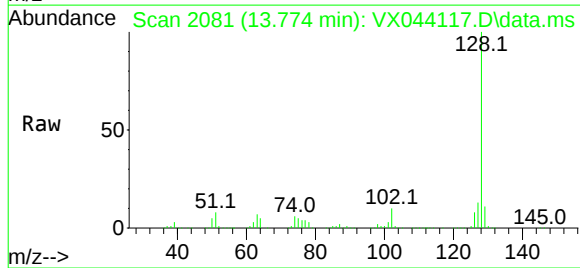
Acq: 04 Dec 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-1DL



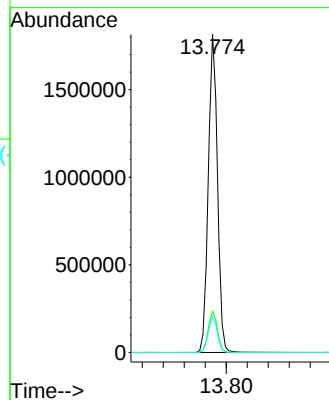
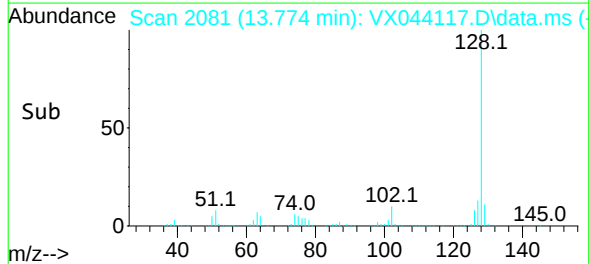
Tgt Ion:128 Resp: 2198121

Ion	Ratio	Lower	Upper
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128	100		
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127	13.0	10.2	15.2
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129	11.1	8.6	12.8
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-2	SDG No.:	P5006
Lab Sample ID:	P5006-13	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044101.D	1		12/03/24 18:23	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	19.2	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.10	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	15.6		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	12.0		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-2	SDG No.:	P5006
Lab Sample ID:	P5006-13	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044101.D	1		12/03/24 18:23	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	140		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	28.7		0.31	10.0	ug/L
95-47-6	o-Xylene	32.5		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	11.4		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	36.4		70 (75) - 130 (124)	73%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	107000	5.544			
540-36-3	1,4-Difluorobenzene	214000	6.757			
3114-55-4	Chlorobenzene-d5	192000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	90500	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-2	SDG No.:	P5006
Lab Sample ID:	P5006-13	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044101.D	1		12/03/24 18:23	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044101.D
 Acq On : 03 Dec 2024 18:23
 Operator : JC/MD
 Sample : P5006-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-2

Quant Time: Dec 04 00:14:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

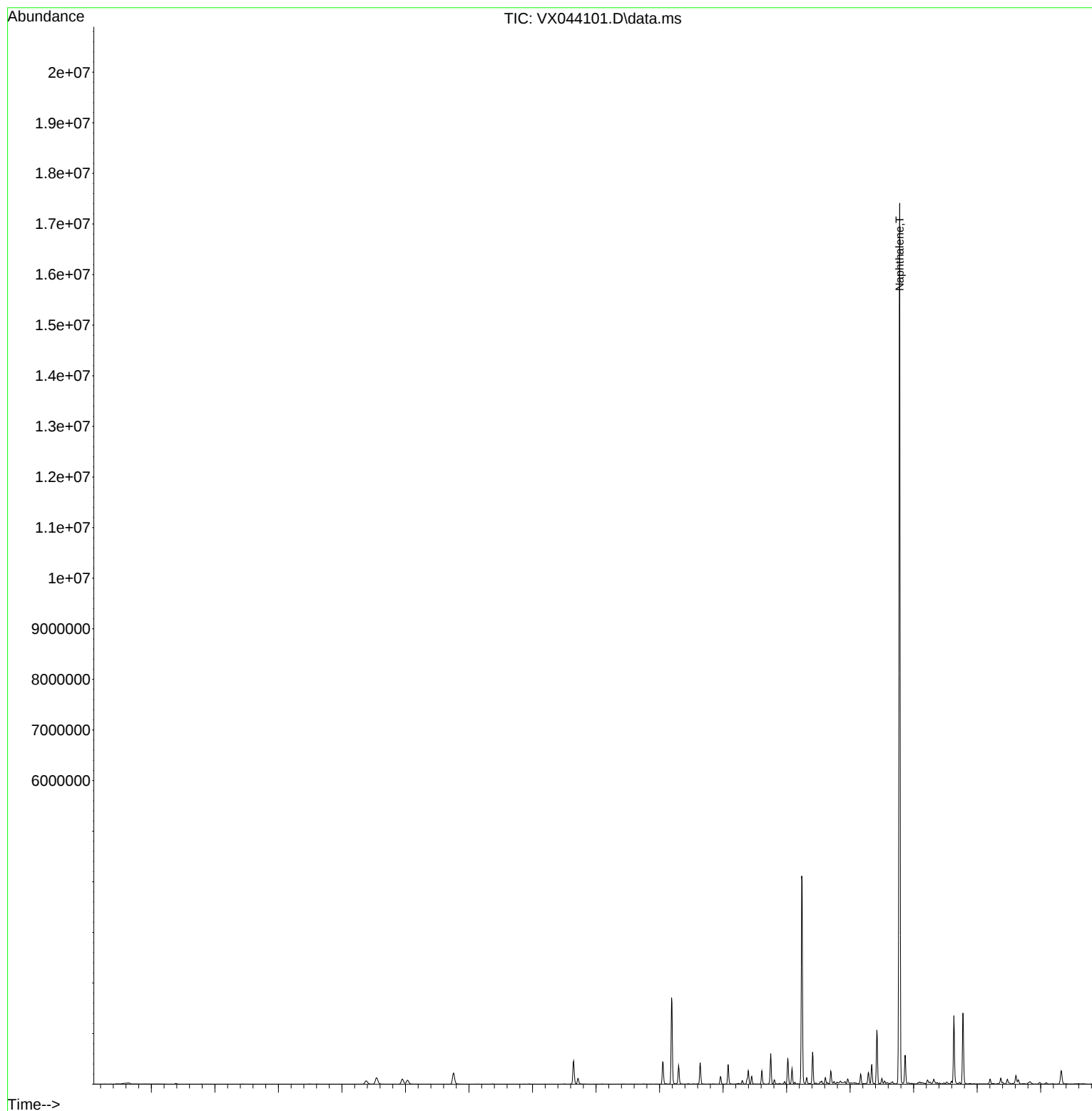
Internal Standards						
1) Pentafluorobenzene	5.544	168	107038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	98359	53.576	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.160%			
35) Dibromofluoromethane	5.379	113	55515	36.358	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 72.720%#			
50) Toluene-d8	8.647	98	264837	50.317	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.640%			
62) 4-Bromofluorobenzene	11.079	95	97398	54.374	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.740%			
Target Compounds						Qvalue
16) Acetone	2.386	43	16225	19.242	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	1742	1.107	ug/l	94
40) Benzene	6.032	78	92502	15.607	ug/l	97
52) Toluene	8.714	92	42629	12.017	ug/l	97
67) Ethyl Benzene	10.189	91	998377	139.697	ug/l	100
68) m/p-Xylenes	10.299	106	76576	28.732	ug/l	95
69) o-Xylene	10.640	106	84461	32.458	ug/l	96
73) Isopropylbenzene	10.964	105	79079	11.363	ug/l	98
78) n-propylbenzene	11.305	91	43756	5.629	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	63505	11.091	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	243570	42.729	ug/l	99
89) n-Butylbenzene	12.317	91	12954	2.601	ug/l #	5
95) Naphthalene	13.780	128	9269176	1431.313	ug/l	96

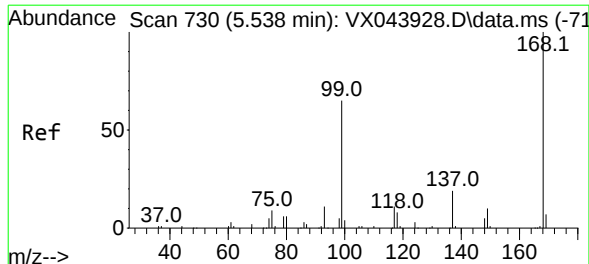
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044101.D
Acq On : 03 Dec 2024 18:23
Operator : JC/MD
Sample : P5006-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-2

Quant Time: Dec 04 00:14:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 73

Delta R.T. 0.006 min

Lab File: VX044101.D

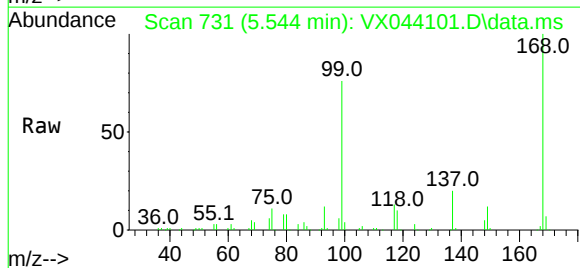
Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2

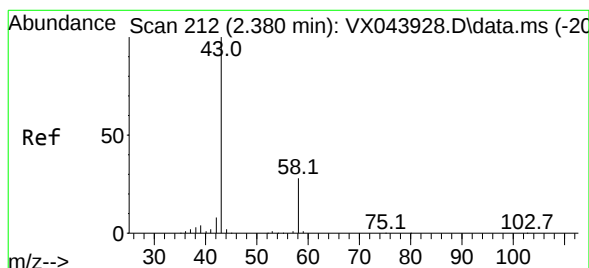
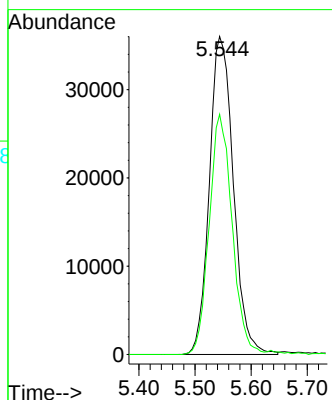
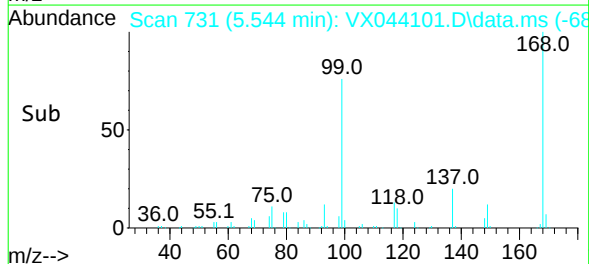


Tgt Ion:168 Resp: 107038

Ion Ratio Lower Upper

168 100

99 75.5 51.8 77.8



#16

Acetone

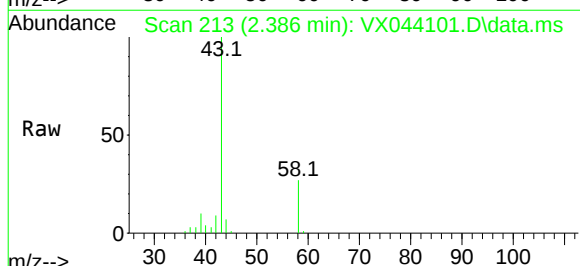
Concen: 19.242 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

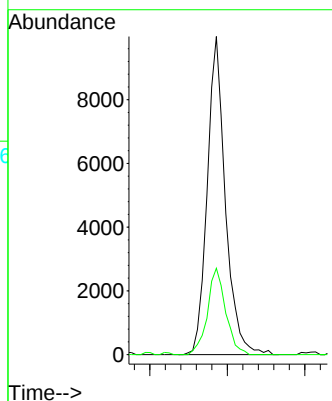
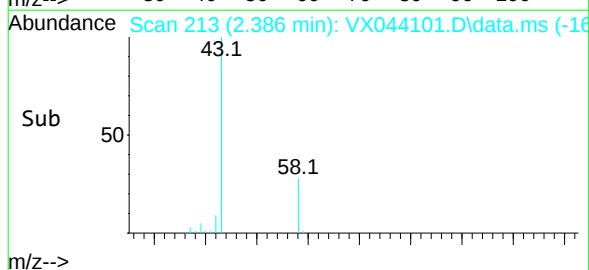


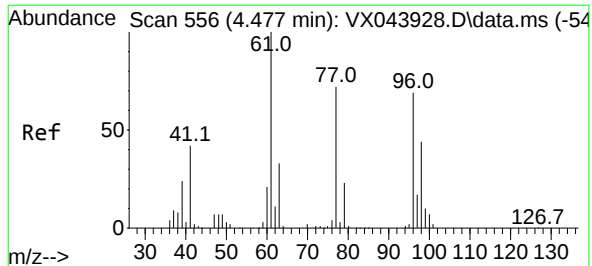
Tgt Ion: 43 Resp: 16225

Ion Ratio Lower Upper

43 100

58 27.1 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.107 ug/l

RT: 4.495 min Scan# 556

Delta R.T. 0.018 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2

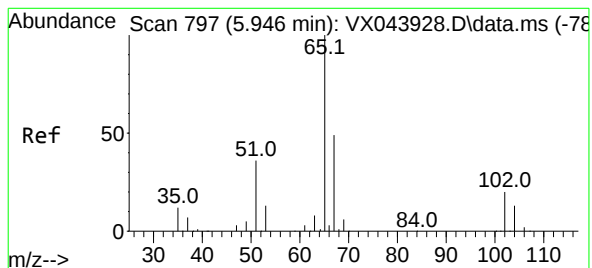
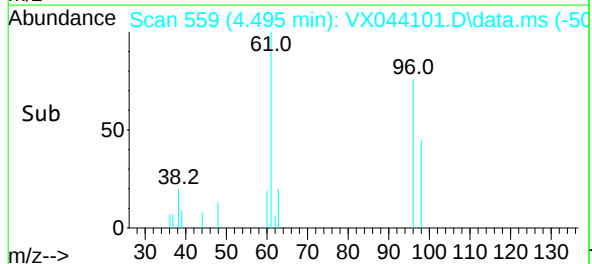
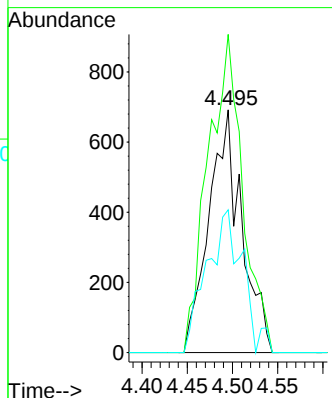
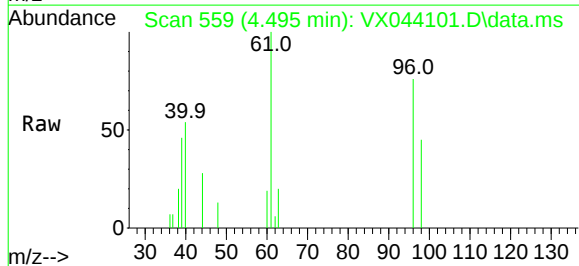
Tgt Ion: 96 Resp: 1742

Ion Ratio Lower Upper

96 100

61 138.2 0.0 297.4

98 64.8 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 53.576 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044101.D

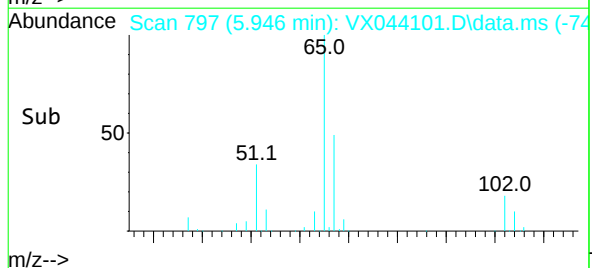
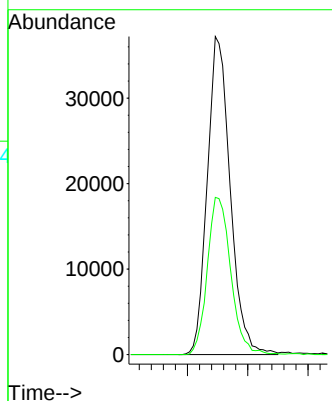
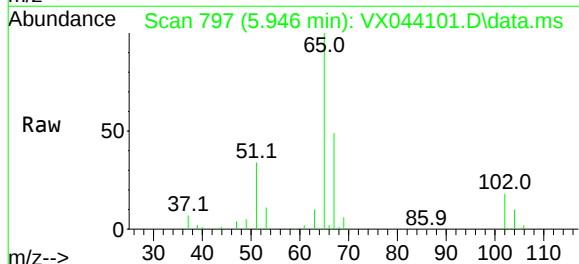
Acq: 03 Dec 2024 18:23

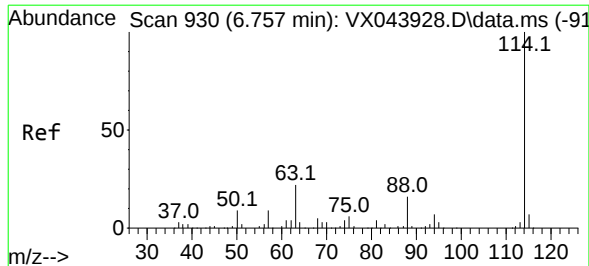
Tgt Ion: 65 Resp: 98359

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2

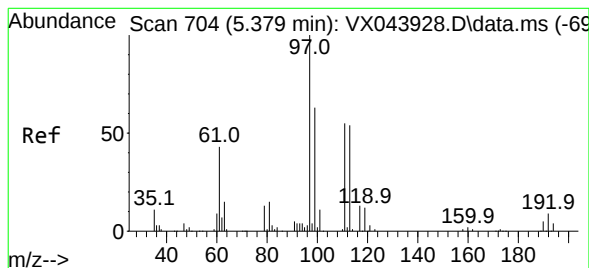
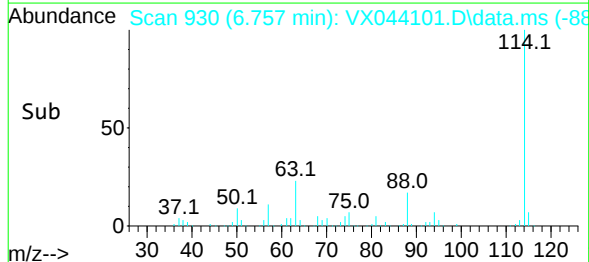
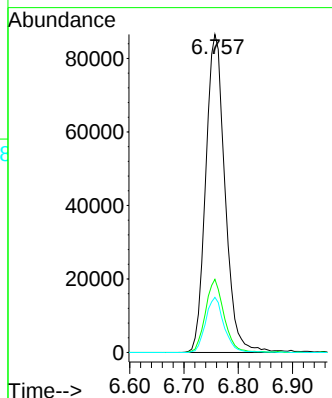
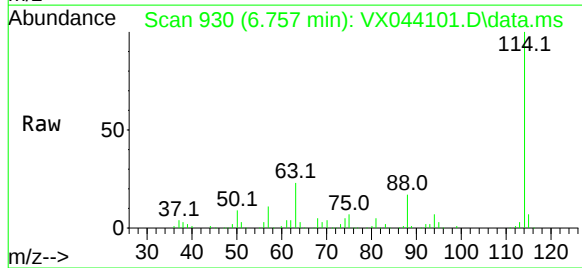
Tgt Ion:114 Resp: 213687

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.0

88 17.3 0.0 32.4



#35

Dibromofluoromethane

Concen: 36.358 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

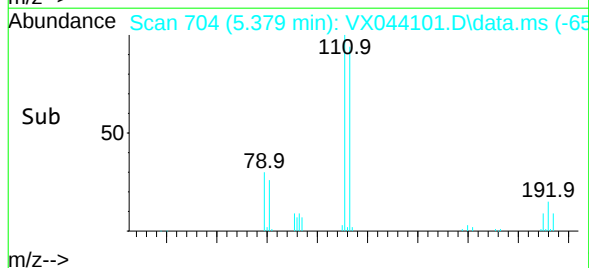
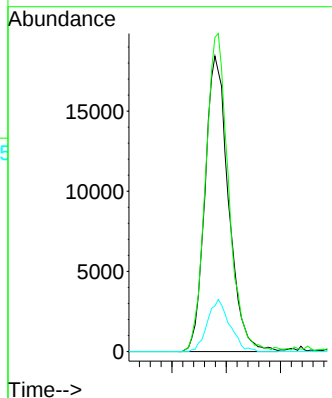
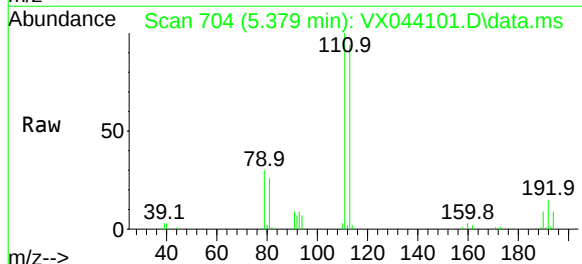
Tgt Ion:113 Resp: 55515

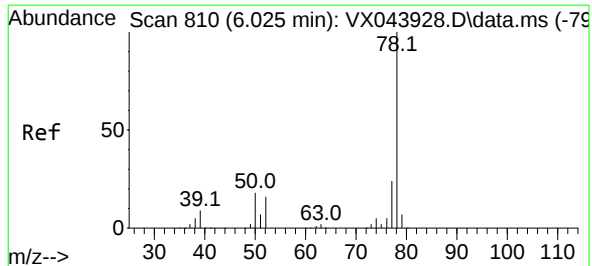
Ion Ratio Lower Upper

113 100

111 105.4 81.0 121.4

192 16.7 13.0 19.6





#40

Benzene

Concen: 15.607 ug/l

RT: 6.032 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

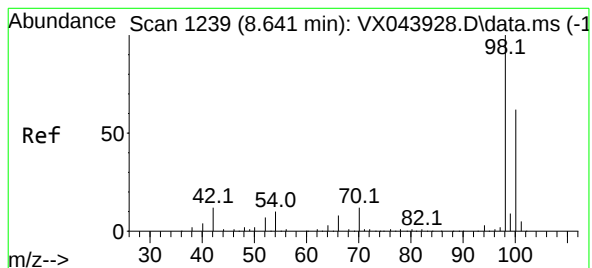
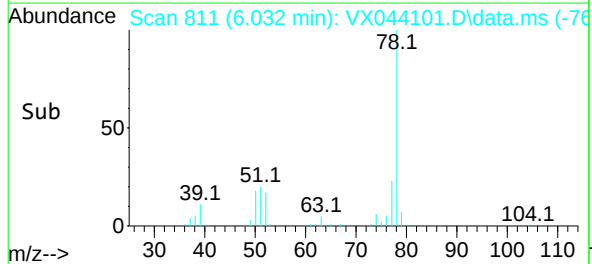
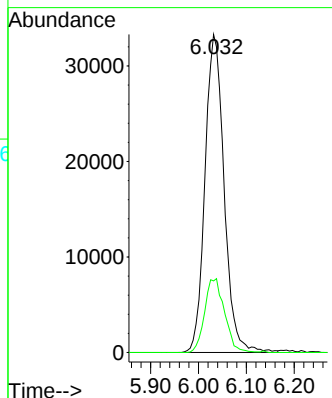
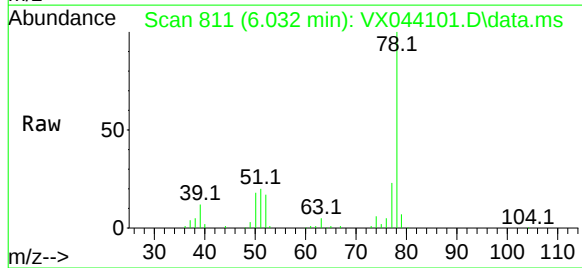
SPLP-C11-2

Tgt Ion: 78 Resp: 92502

Ion Ratio Lower Upper

78 100

77 22.5 19.2 28.8



#50

Toluene-d8

Concen: 50.317 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044101.D

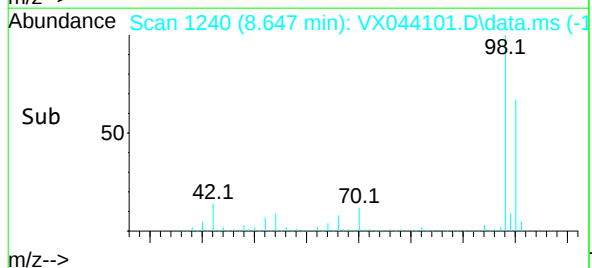
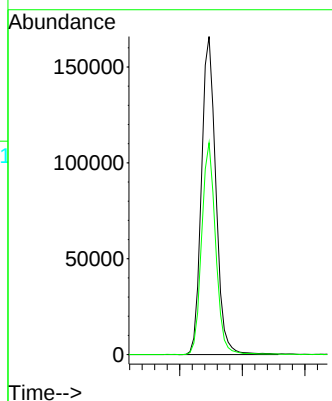
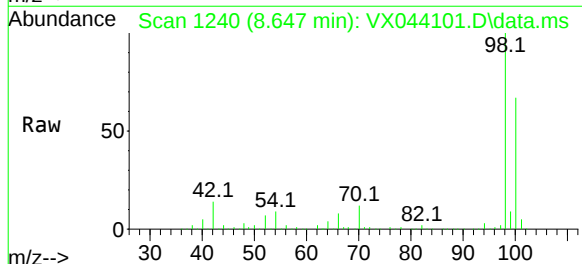
Acq: 03 Dec 2024 18:23

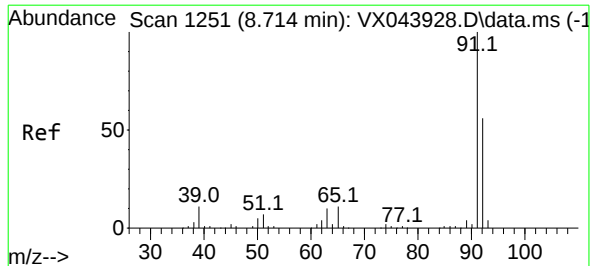
Tgt Ion: 98 Resp: 264837

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0





#52

Toluene

Concen: 12.017 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044101.D

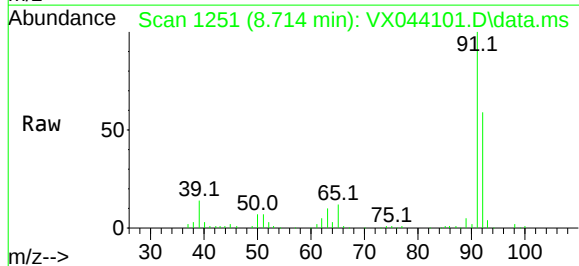
Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2

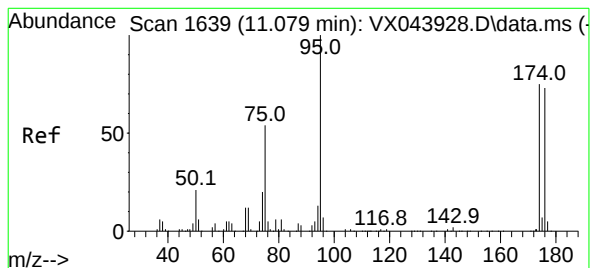
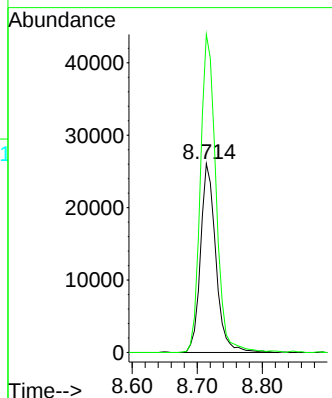
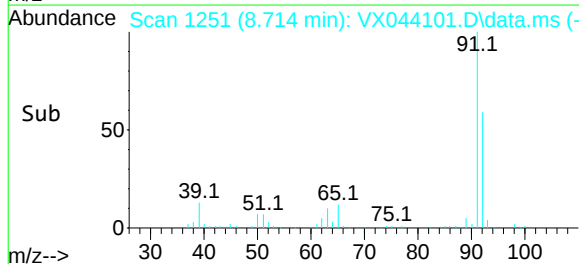


Tgt Ion: 92 Resp: 42629

Ion Ratio Lower Upper

92 100

91 171.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 54.374 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

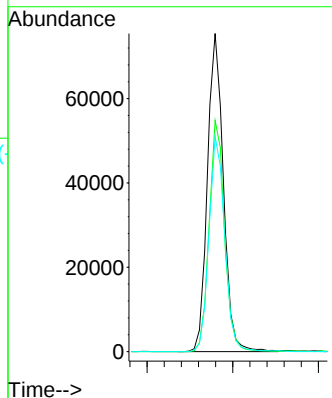
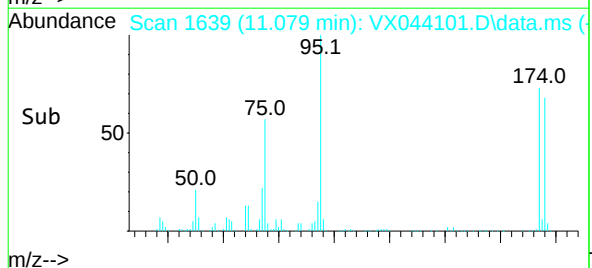
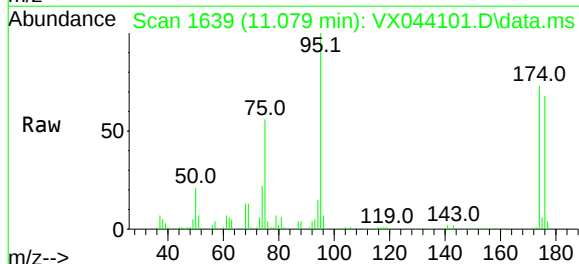
Tgt Ion: 95 Resp: 97398

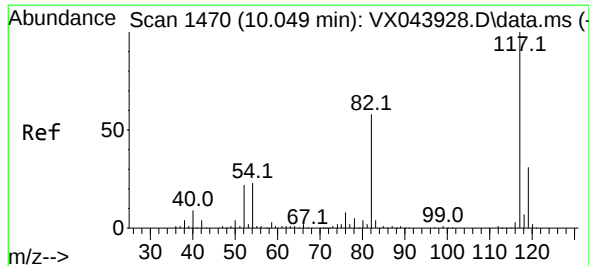
Ion Ratio Lower Upper

95 100

174 70.3 0.0 150.4

176 66.9 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044101.D

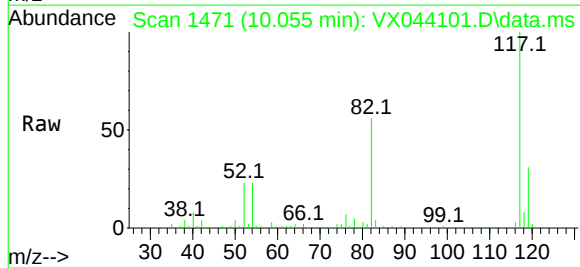
Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2



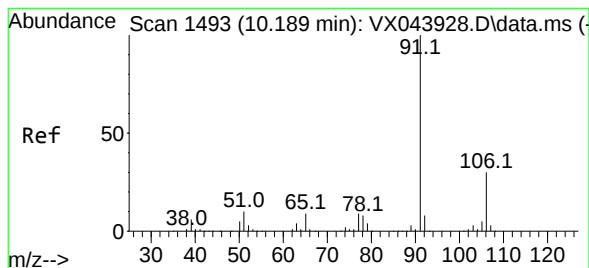
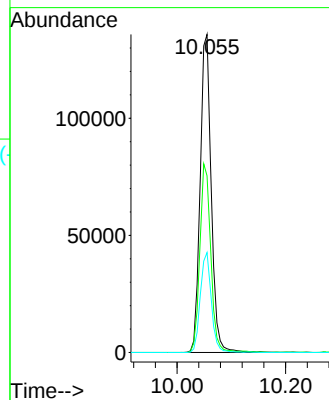
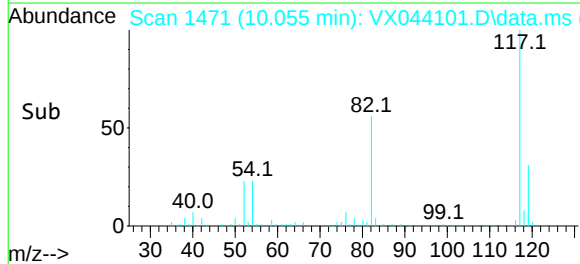
Tgt Ion:117 Resp: 192034

Ion Ratio Lower Upper

117 100

82 55.5 46.4 69.6

119 31.4 24.6 37.0



#67

Ethyl Benzene

Concen: 139.697 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044101.D

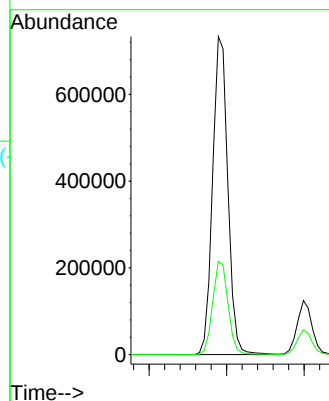
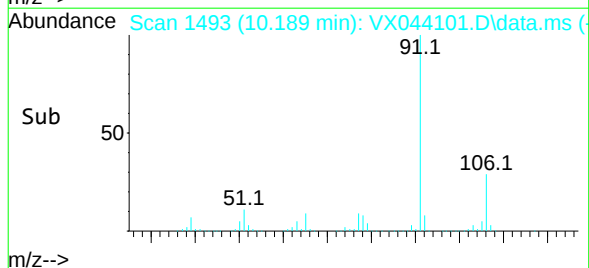
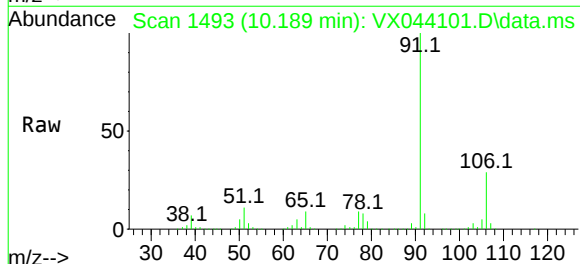
Acq: 03 Dec 2024 18:23

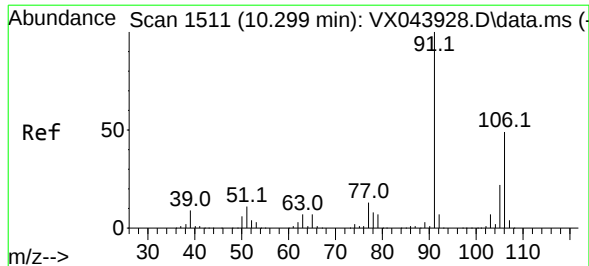
Tgt Ion: 91 Resp: 998377

Ion Ratio Lower Upper

91 100

106 29.3 23.6 35.4





#68

m/p-Xylenes

Concen: 28.732 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

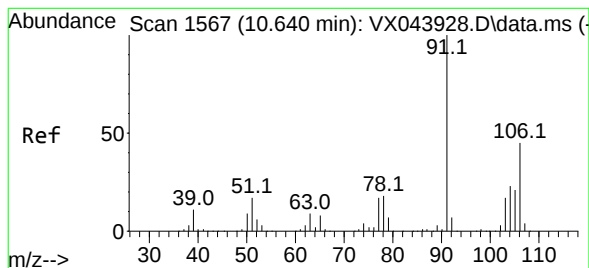
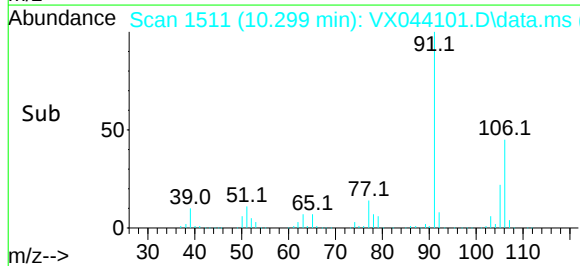
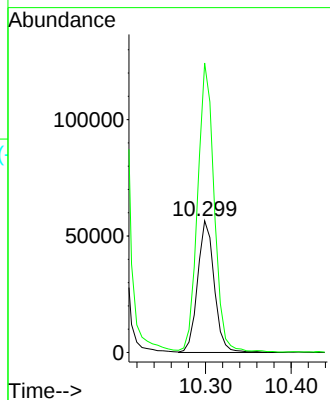
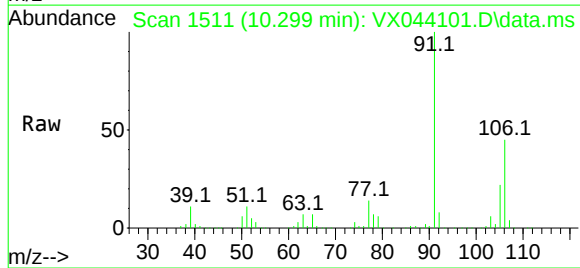
SPLP-C11-2

Tgt Ion:106 Resp: 76576

Ion Ratio Lower Upper

106 100

91 217.3 168.1 252.1



#69

o-Xylene

Concen: 32.458 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044101.D

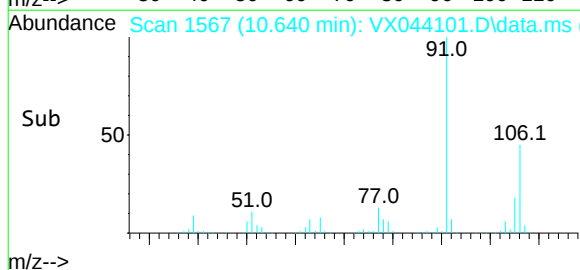
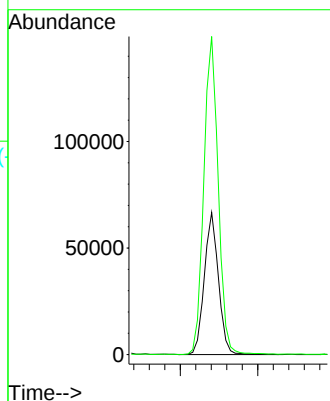
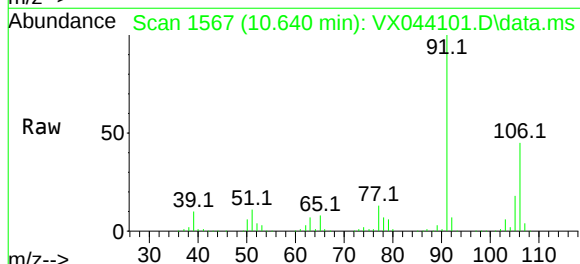
Acq: 03 Dec 2024 18:23

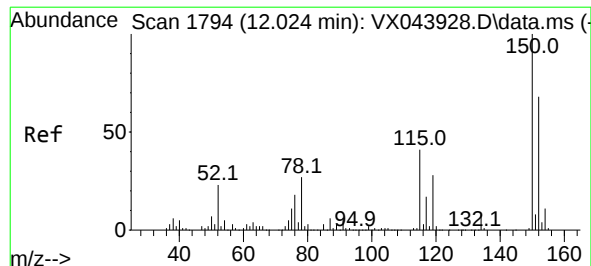
Tgt Ion:106 Resp: 84461

Ion Ratio Lower Upper

106 100

91 227.5 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2

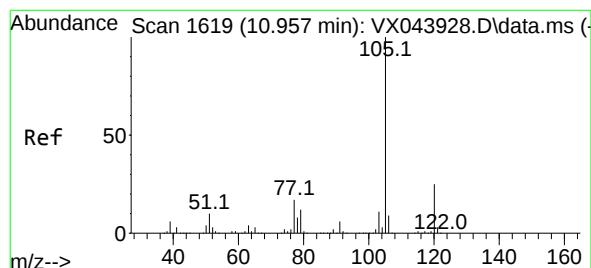
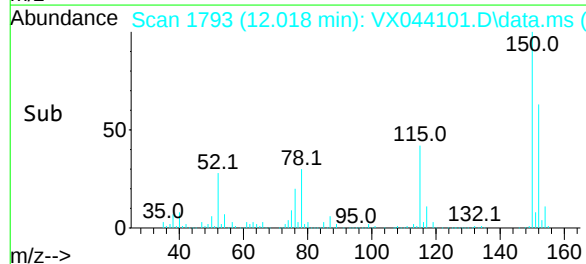
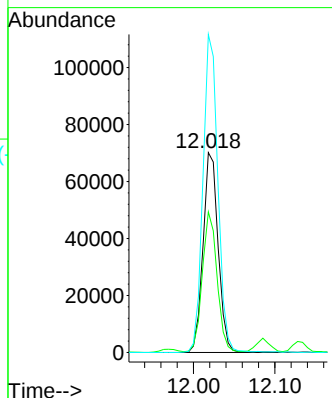
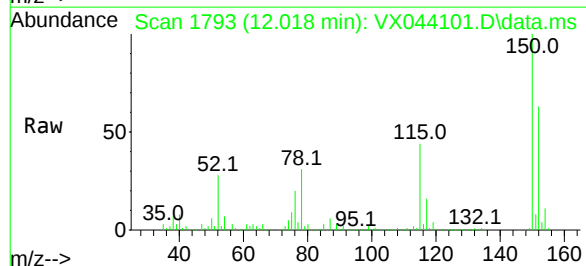
Tgt Ion:152 Resp: 90537

Ion Ratio Lower Upper

152 100

115 67.6 45.4 136.2

150 156.8 0.0 353.0



#73

Isopropylbenzene

Concen: 11.363 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044101.D

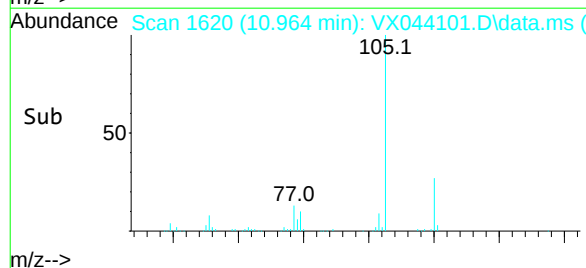
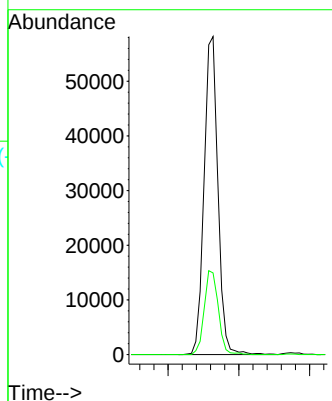
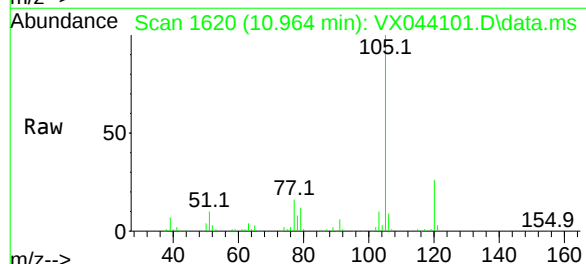
Acq: 03 Dec 2024 18:23

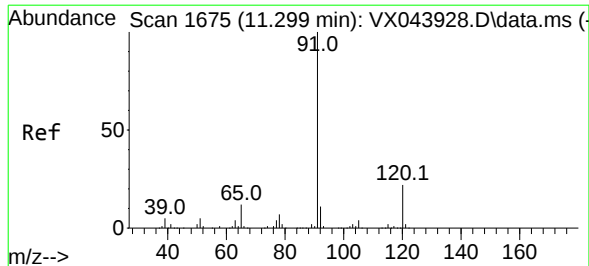
Tgt Ion:105 Resp: 79079

Ion Ratio Lower Upper

105 100

120 26.8 13.0 38.9





#78

n-propylbenzene

Concen: 5.629 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

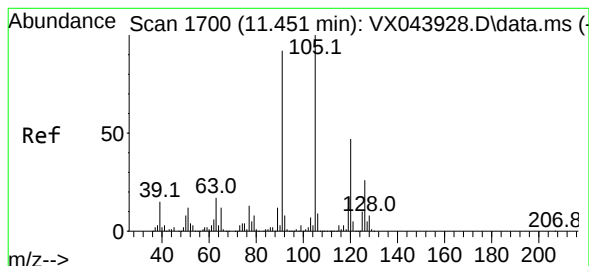
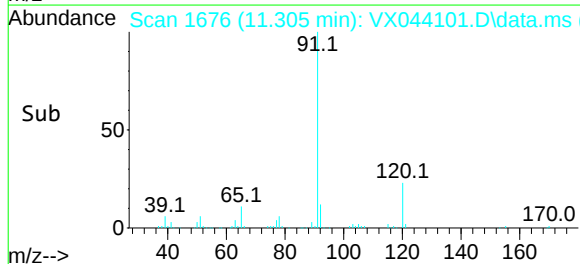
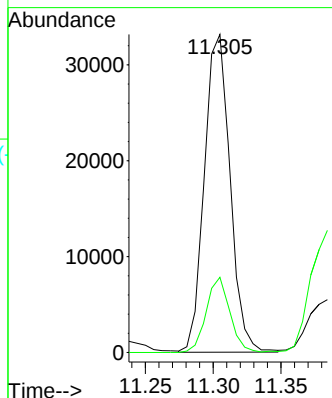
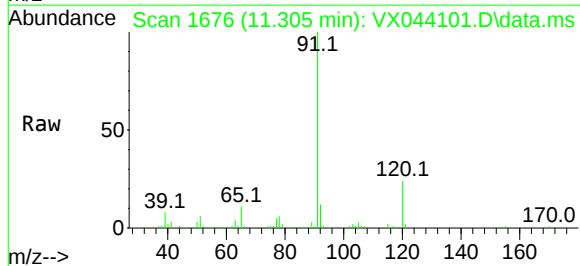
SPLP-C11-2

Tgt Ion: 91 Resp: 43756

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 11.091 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044101.D

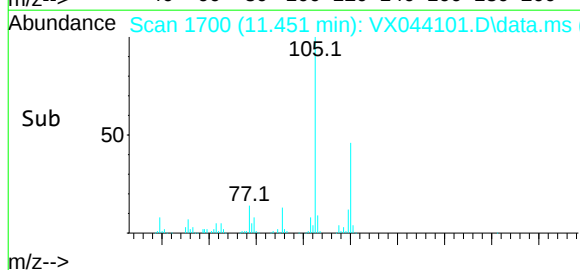
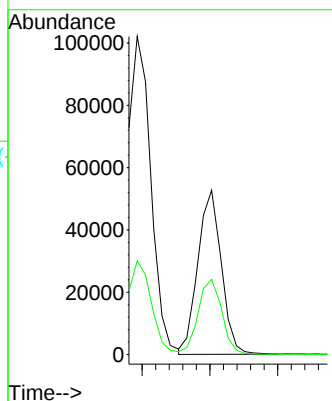
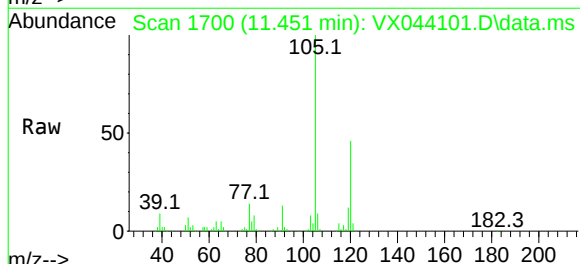
Acq: 03 Dec 2024 18:23

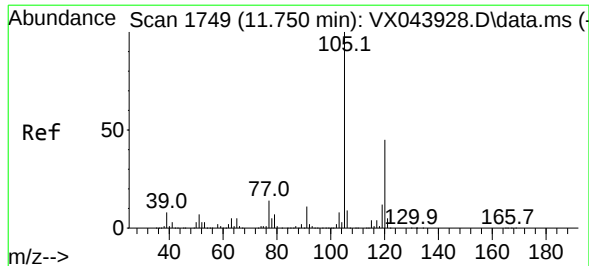
Tgt Ion: 105 Resp: 63505

Ion Ratio Lower Upper

105 100

120 46.1 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 42.729 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

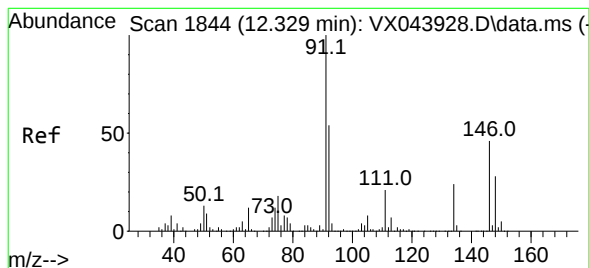
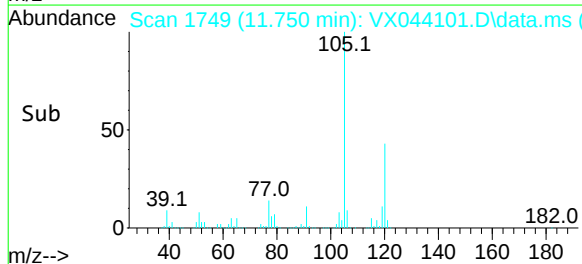
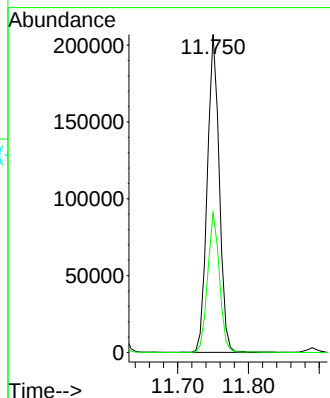
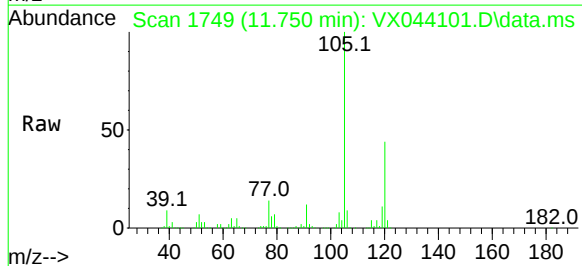
SPLP-C11-2

Tgt Ion:105 Resp: 243570

Ion Ratio Lower Upper

105 100

120 43.4 21.9 65.7



#89

n-Butylbenzene

Concen: 2.601 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX044101.D

Acq: 03 Dec 2024 18:23

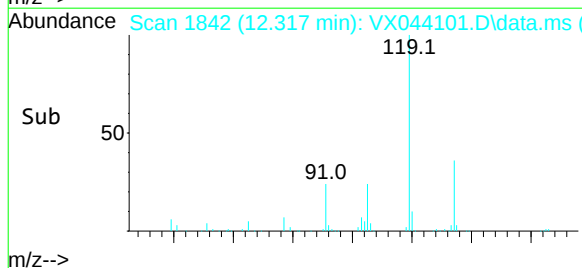
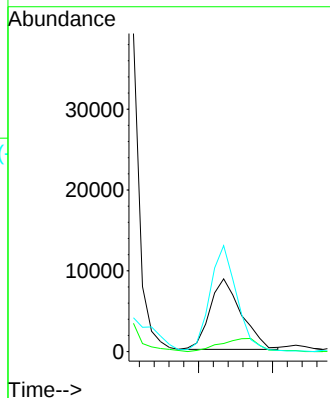
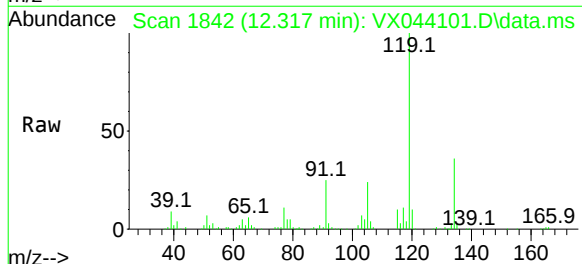
Tgt Ion: 91 Resp: 12954

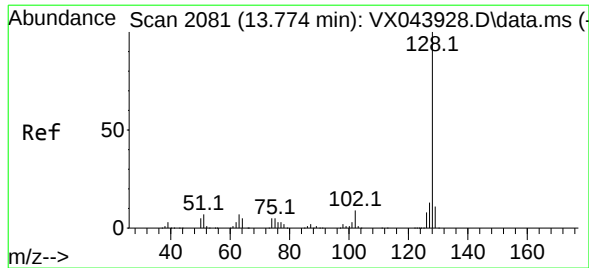
Ion Ratio Lower Upper

91 100

92 23.5 26.6 79.8#

134 129.1 12.4 37.2#





#95

Naphthalene

Concen: 1431.313 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044101.D

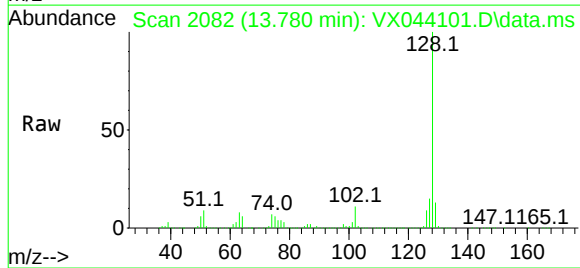
Acq: 03 Dec 2024 18:23

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2



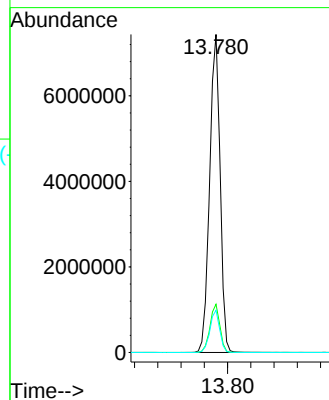
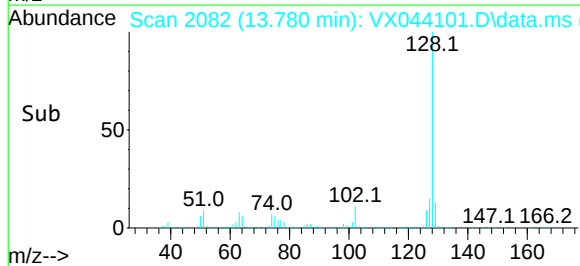
Tgt Ion:128 Resp: 9269176

Ion	Ratio	Lower	Upper
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128	100		
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127	14.4	10.2	15.2
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129	12.4	8.6	12.8
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-13RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044124.D	1		12/04/24 18:02	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	20.2	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.20	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	16.6		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	12.3		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-13RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044124.D	1		12/04/24 18:02	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	150		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	30.4		0.31	10.0	ug/L
95-47-6	o-Xylene	33.8		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	12.0		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	35.7		70 (75) - 130 (124)	71%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	102000	5.55			
540-36-3	1,4-Difluorobenzene	197000	6.757			
3114-55-4	Chlorobenzene-d5	178000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	81300	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-13RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044124.D	1		12/04/24 18:02	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044124.D
 Acq On : 04 Dec 2024 18:02
 Operator : JC/MD
 Sample : P5006-13RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-2RE

Quant Time: Dec 05 00:33:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

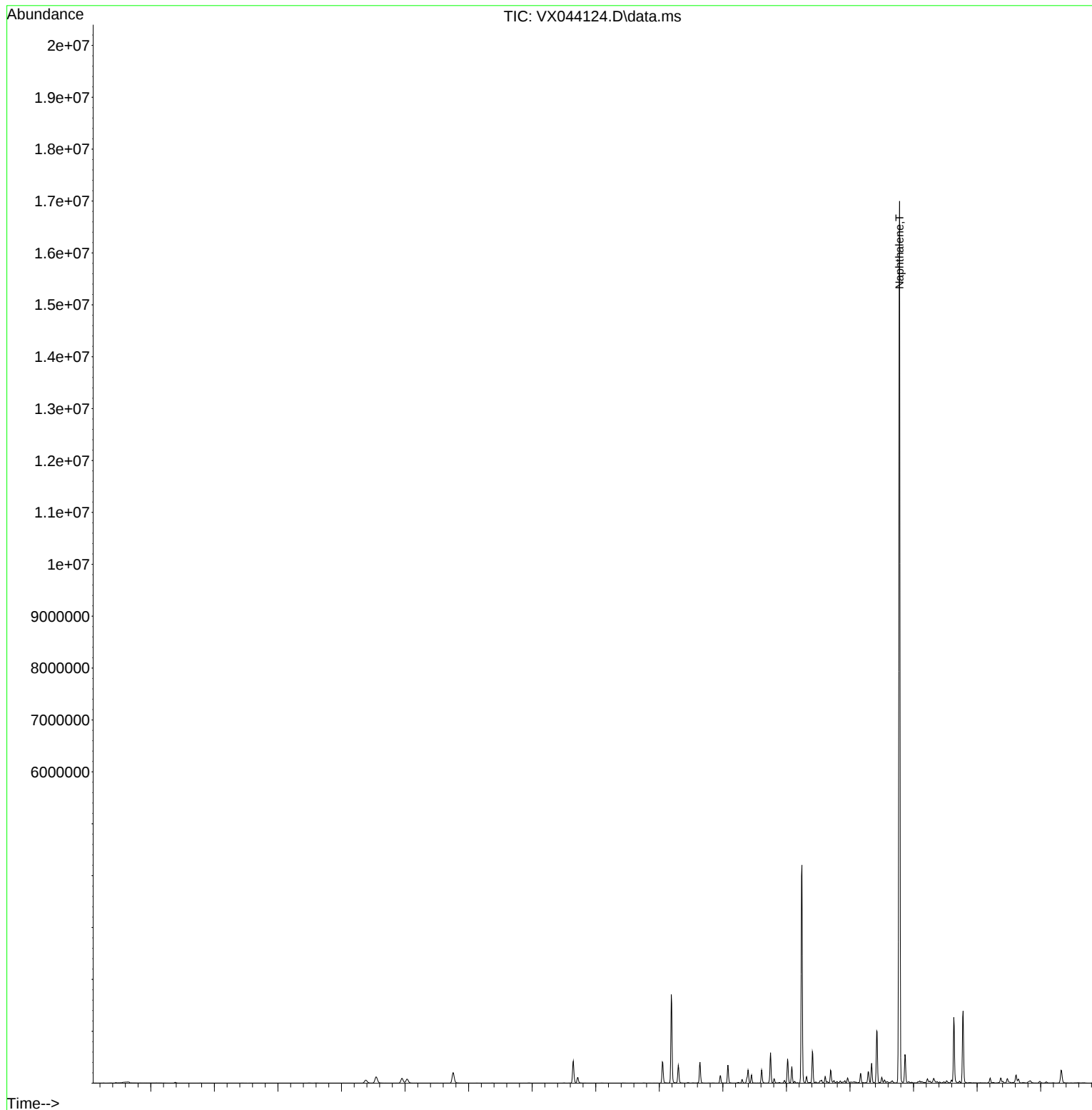
Internal Standards						
1) Pentafluorobenzene	5.550	168	102035	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	197413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	177983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91204	52.114	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.220%		
35) Dibromofluoromethane	5.385	113	50355	35.697	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 71.400%#		
50) Toluene-d8	8.647	98	244845	50.353	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.700%		
62) 4-Bromofluorobenzene	11.079	95	87173	52.677	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.360%		
Target Compounds						Qvalue
16) Acetone	2.386	43	16245	20.210	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	1831	1.220	ug/l	94
40) Benzene	6.031	78	90755	16.575	ug/l	100
52) Toluene	8.714	92	40246	12.281	ug/l	99
67) Ethyl Benzene	10.189	91	965718	145.795	ug/l	99
68) m/p-Xylenes	10.299	106	75170	30.431	ug/l	98
69) o-Xylene	10.640	106	81544	33.811	ug/l	94
73) Isopropylbenzene	10.963	105	74805	11.969	ug/l	99
78) n-propylbenzene	11.305	91	42414	6.076	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	62034	12.065	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	242025	47.279	ug/l	98
89) n-Butylbenzene	12.317	91	12335	2.758	ug/l #	5
95) Naphthalene	13.780	128	9252411	1590.973	ug/l	96

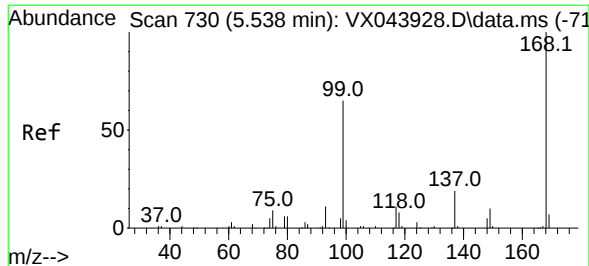
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044124.D
Acq On : 04 Dec 2024 18:02
Operator : JC/MD
Sample : P5006-13RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-2RE

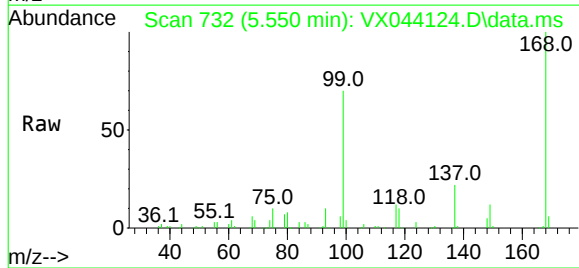
Quant Time: Dec 05 00:33:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



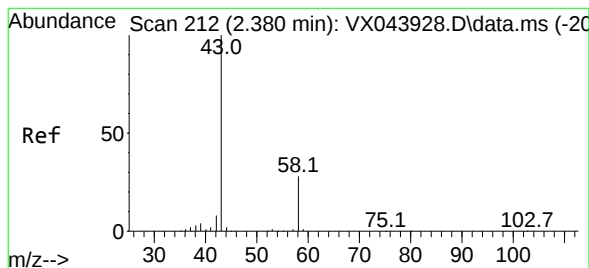
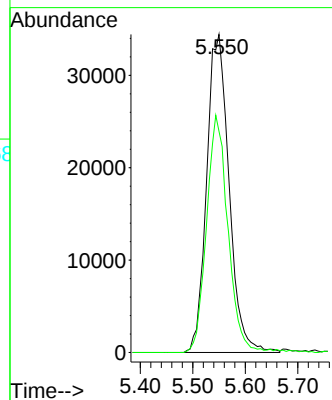
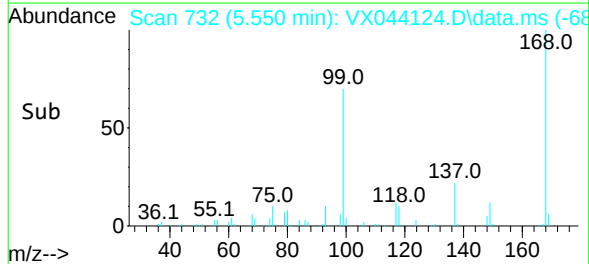


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-2RE

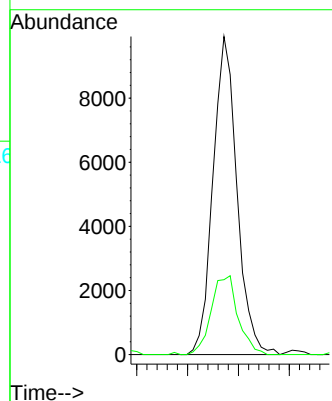
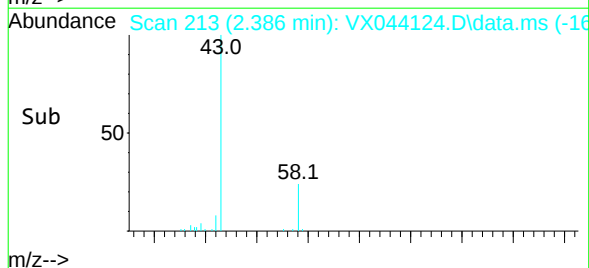
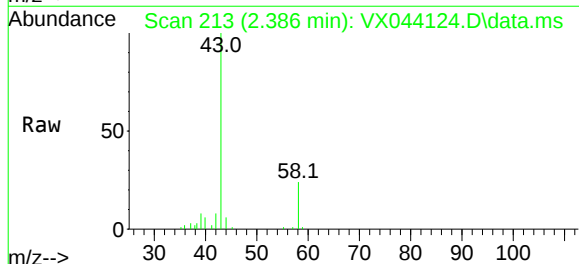


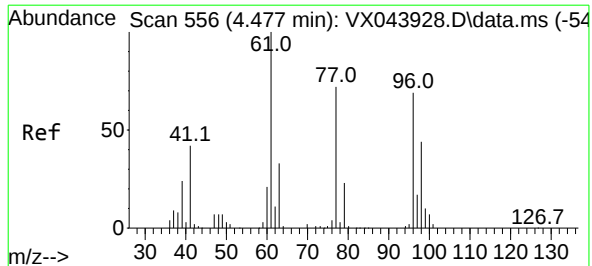
Tgt Ion: 168 Resp: 102035
Ion Ratio Lower Upper
168 100
99 69.5 51.8 77.8



#16
Acetone
Concen: 20.210 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

Tgt Ion: 43 Resp: 16245
Ion Ratio Lower Upper
43 100
58 23.6 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.220 ug/l

RT: 4.495 min Scan# 556

Delta R.T. 0.018 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

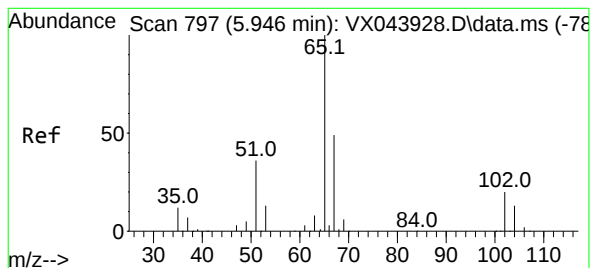
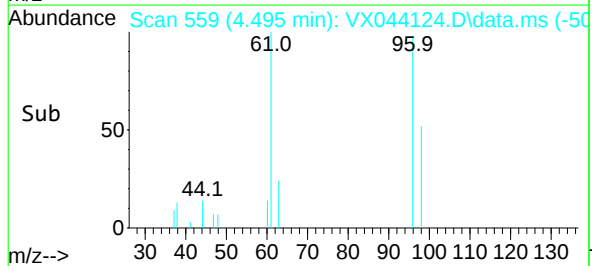
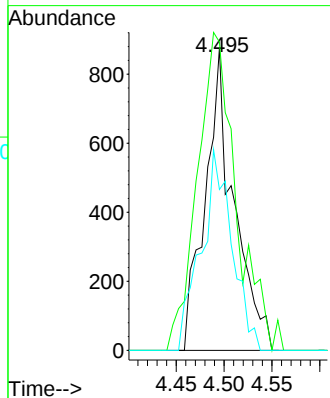
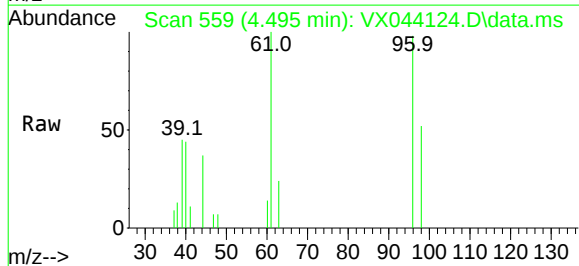
MSVOA_X

ClientSampleId :

SPLP-C11-2RE

Tgt Ion: 96 Resp: 1831

Ion	Ratio	Lower	Upper
96	100		
61	142.1	0.0	297.4
98	71.2	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 52.114 ug/l

RT: 5.952 min Scan# 798

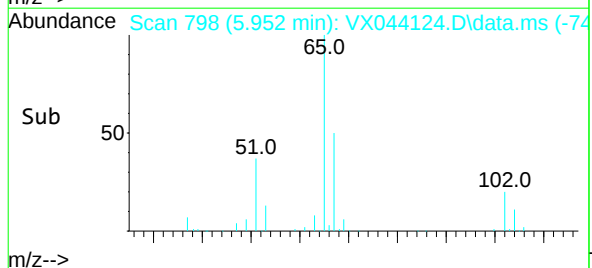
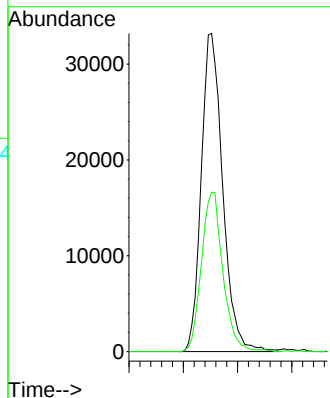
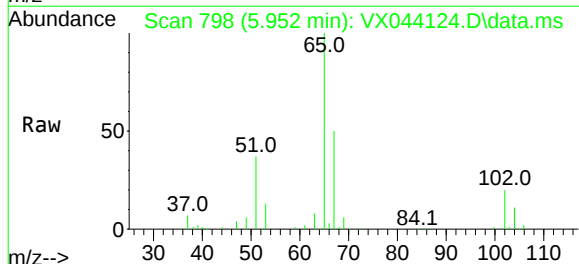
Delta R.T. 0.006 min

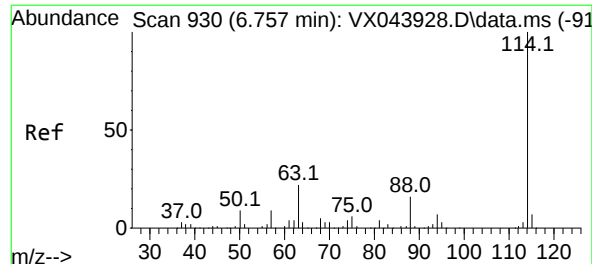
Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Tgt Ion: 65 Resp: 91204

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	100.8

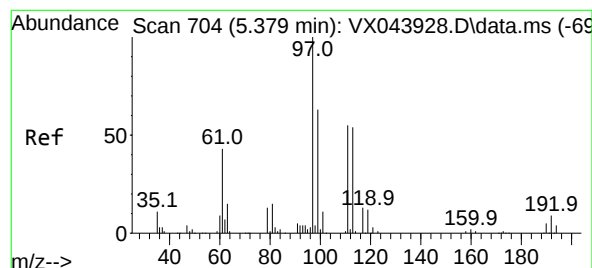
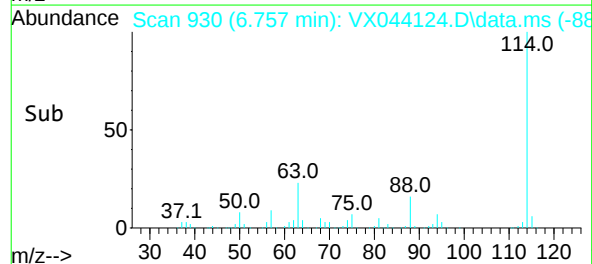
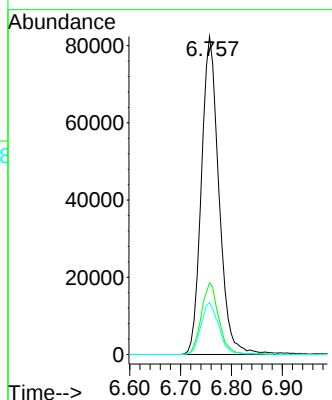
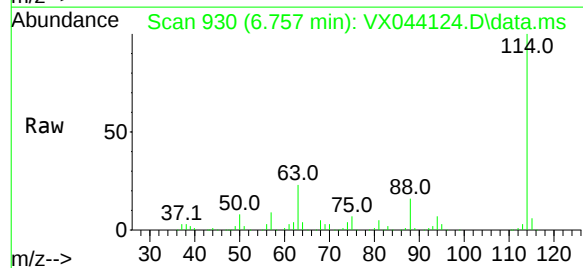




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 93
Delta R.T. -0.000 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

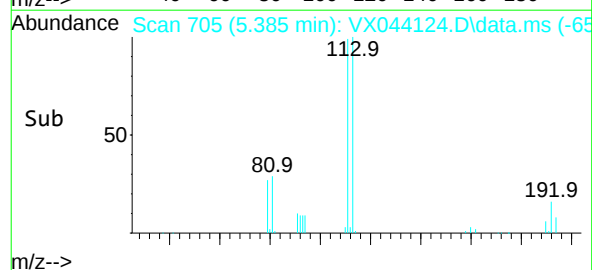
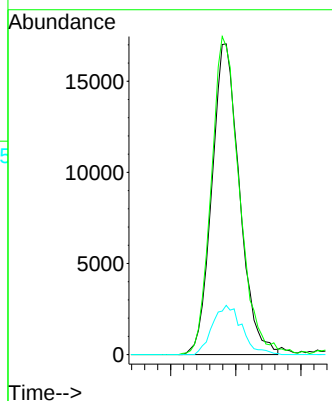
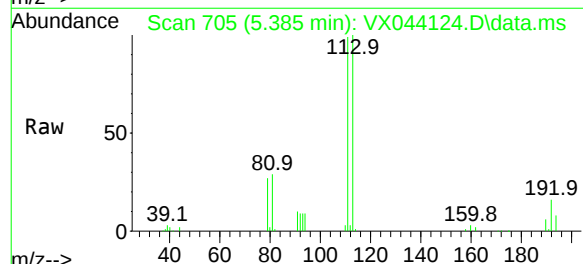
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-2RE

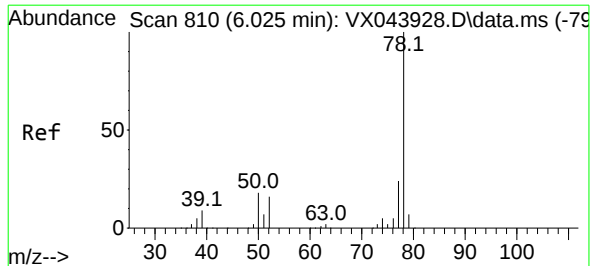
Tgt Ion:	114	Resp:	197413
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	44.0
88	16.3	0.0	32.4



#35
Dibromofluoromethane
Concen: 35.697 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044124.D
Acq: 04 Dec 2024 18:02

Tgt Ion:	113	Resp:	50355
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.0	121.4
192	16.9	13.0	19.6





#40

Benzene

Concen: 16.575 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

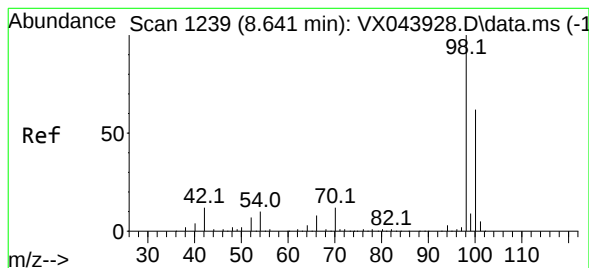
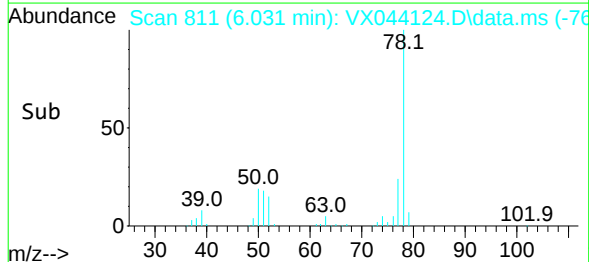
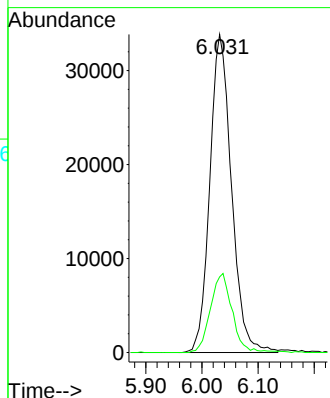
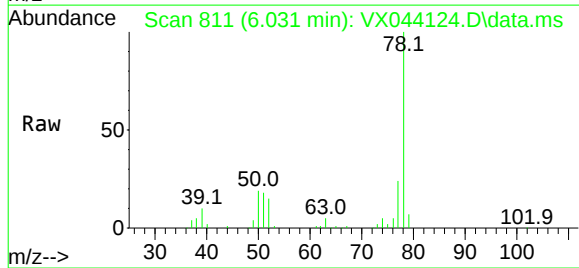
SPLP-C11-2RE

Tgt Ion: 78 Resp: 90755

Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8



#50

Toluene-d8

Concen: 50.353 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044124.D

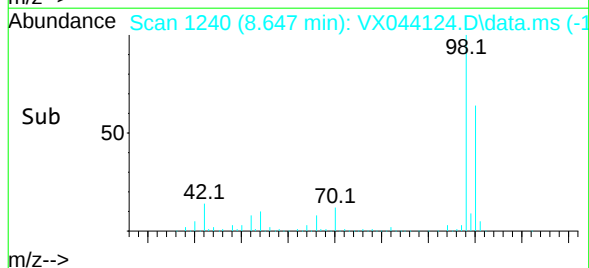
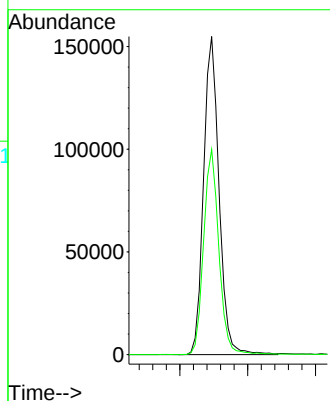
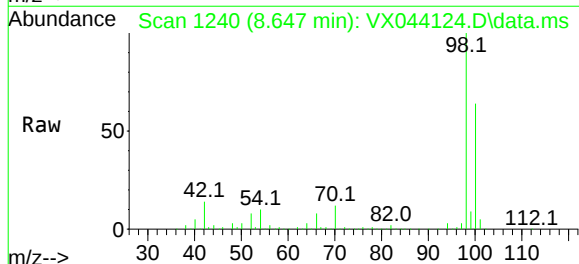
Acq: 04 Dec 2024 18:02

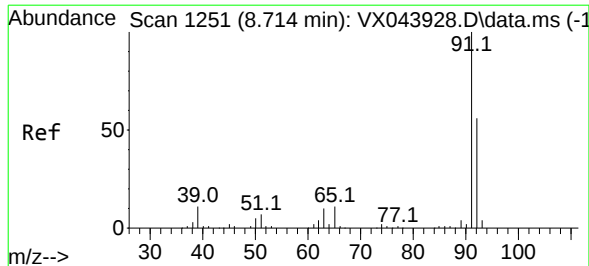
Tgt Ion: 98 Resp: 244845

Ion Ratio Lower Upper

98 100

100 63.8 52.6 79.0





#52

Toluene

Concen: 12.281 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044124.D

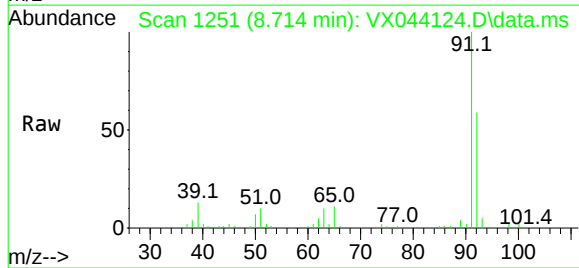
Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2RE

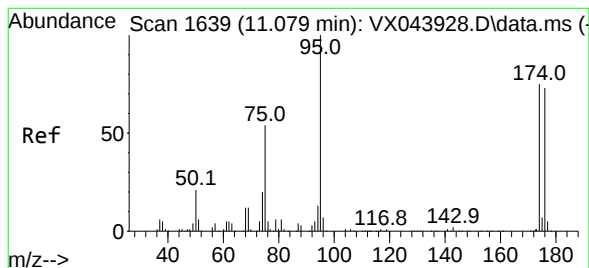
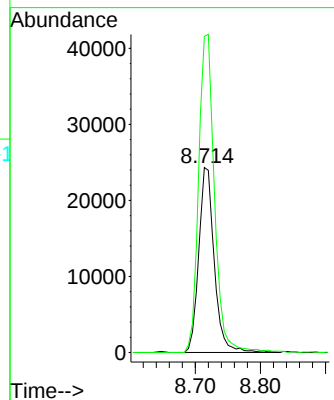
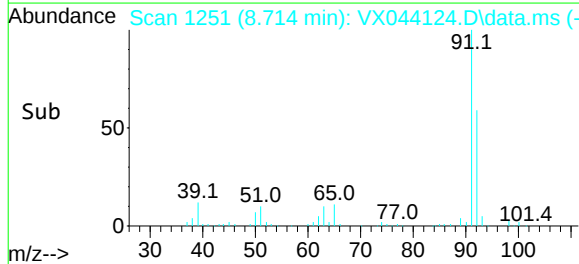


Tgt Ion: 92 Resp: 40246

Ion Ratio Lower Upper

92 100

91 176.2 139.7 209.5



#62

4-Bromofluorobenzene

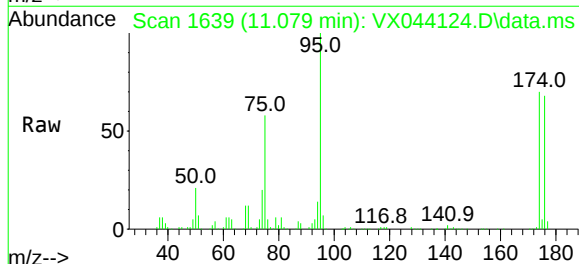
Concen: 52.677 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02



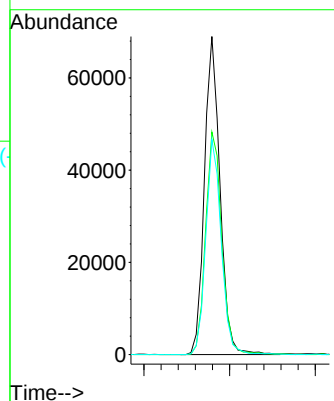
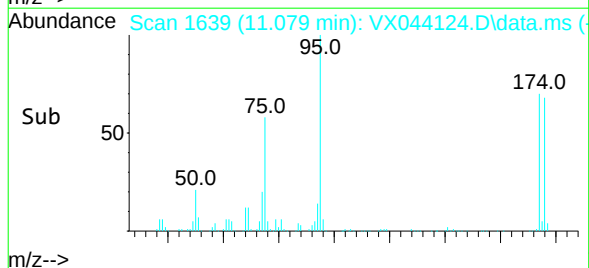
Tgt Ion: 95 Resp: 87173

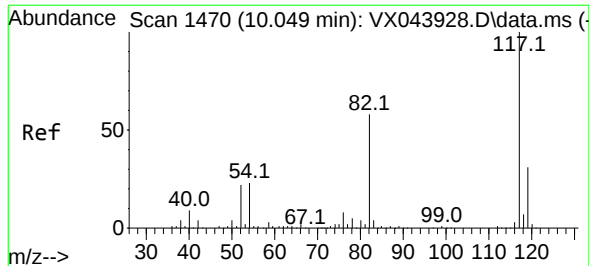
Ion Ratio Lower Upper

95 100

174 72.6 0.0 150.4

176 67.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044124.D

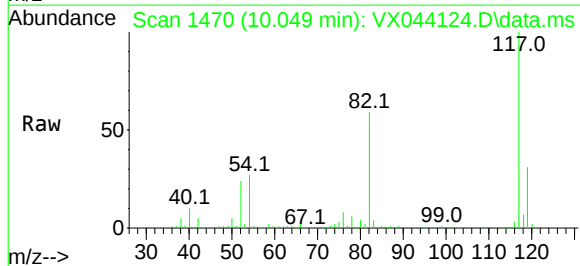
Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2RE



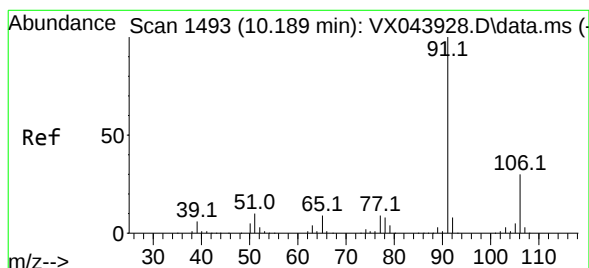
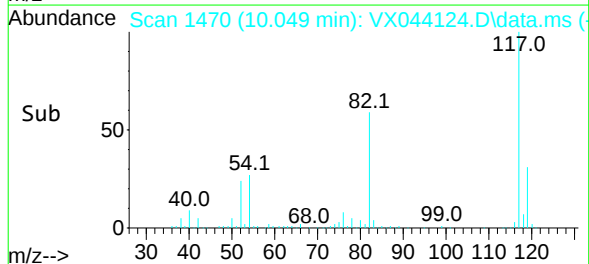
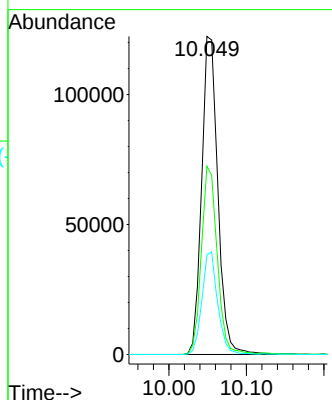
Tgt Ion:117 Resp: 177983

Ion Ratio Lower Upper

117 100

82 59.2 46.4 69.6

119 31.3 24.6 37.0



#67

Ethyl Benzene

Concen: 145.795 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044124.D

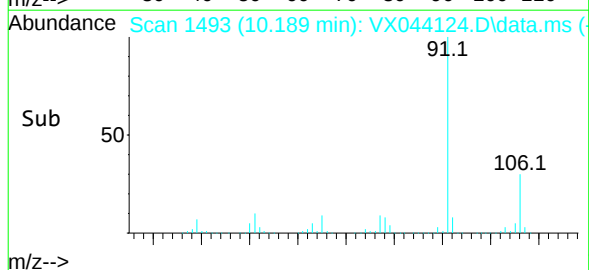
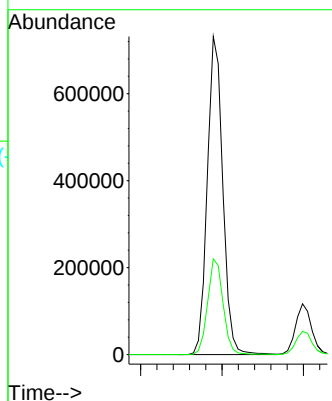
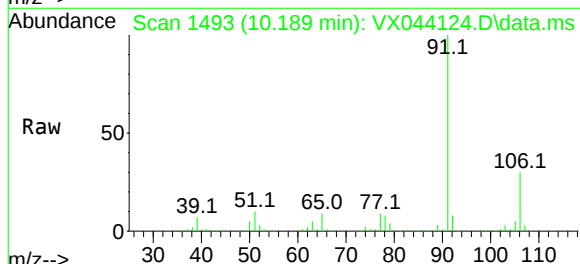
Acq: 04 Dec 2024 18:02

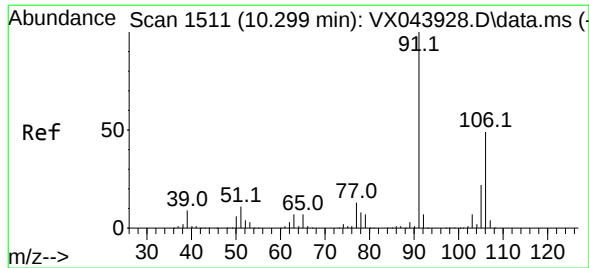
Tgt Ion: 91 Resp: 965718

Ion Ratio Lower Upper

91 100

106 30.1 23.6 35.4





#68

m/p-Xylenes

Concen: 30.431 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

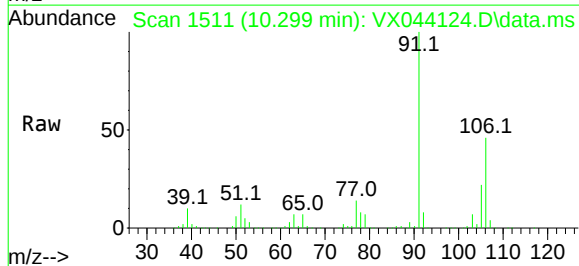
SPLP-C11-2RE

Tgt Ion:106 Resp: 75170

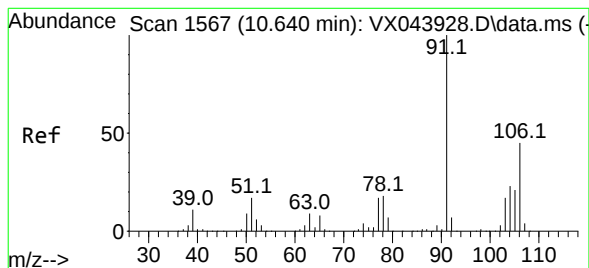
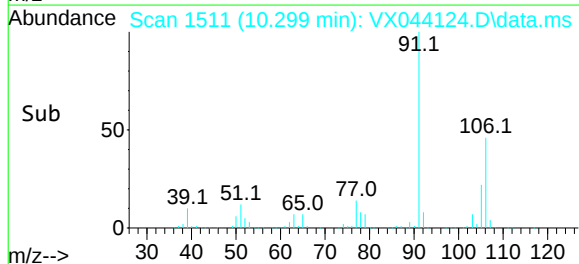
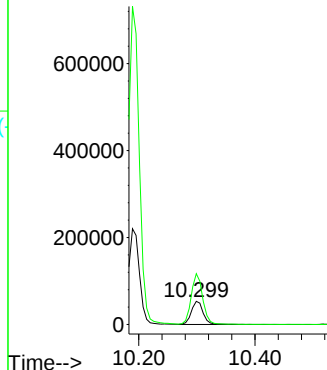
Ion Ratio Lower Upper

106 100

91 212.8 168.1 252.1



Abundance



#69

o-Xylene

Concen: 33.811 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044124.D

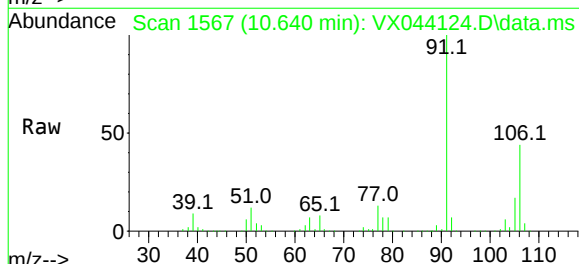
Acq: 04 Dec 2024 18:02

Tgt Ion:106 Resp: 81544

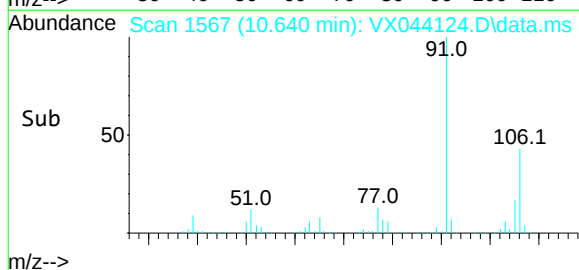
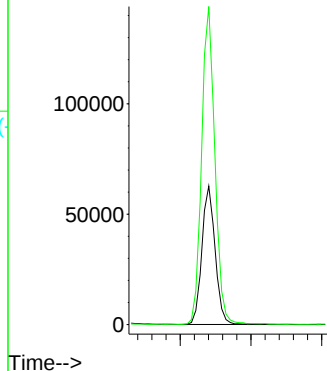
Ion Ratio Lower Upper

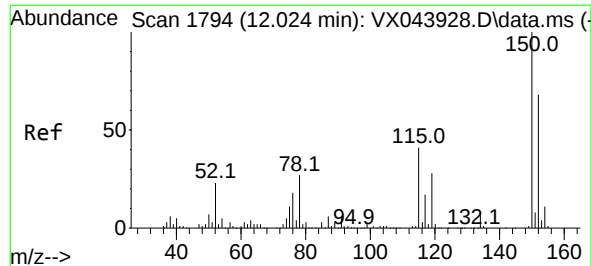
106 100

91 229.8 110.2 330.6



Abundance





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2RE

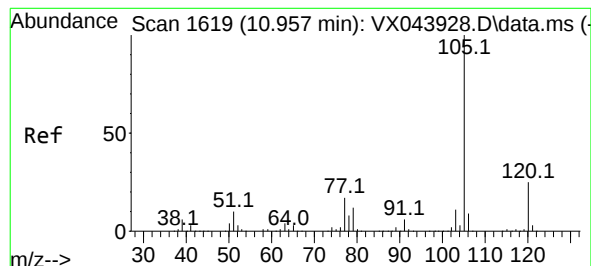
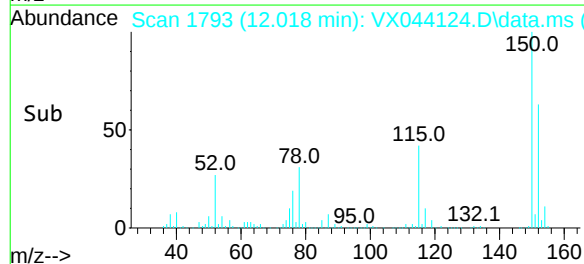
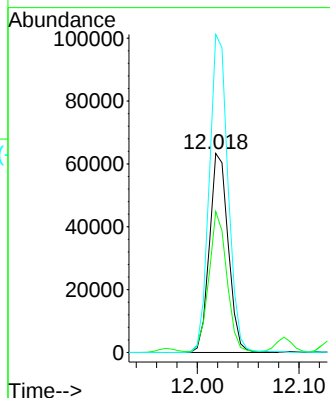
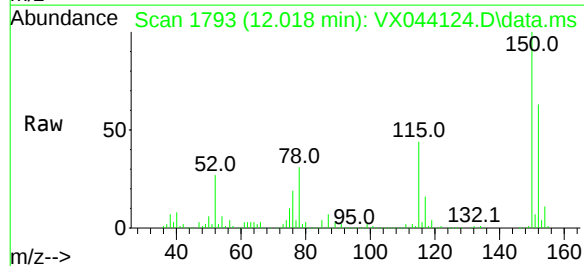
Tgt Ion:152 Resp: 81304

Ion Ratio Lower Upper

152 100

115 66.7 45.4 136.2

150 159.5 0.0 353.0



#73

Isopropylbenzene

Concen: 11.969 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044124.D

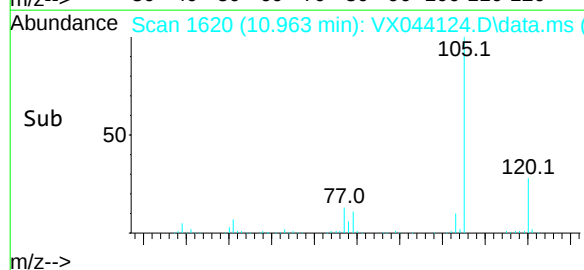
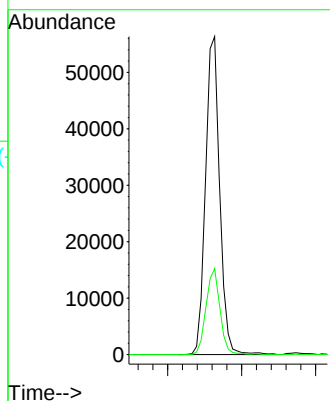
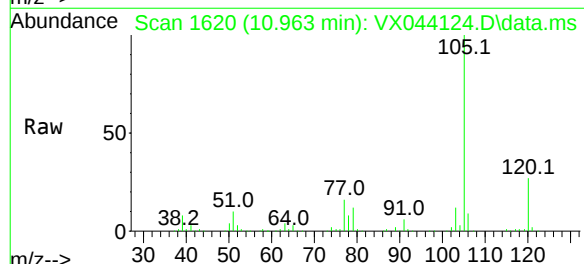
Acq: 04 Dec 2024 18:02

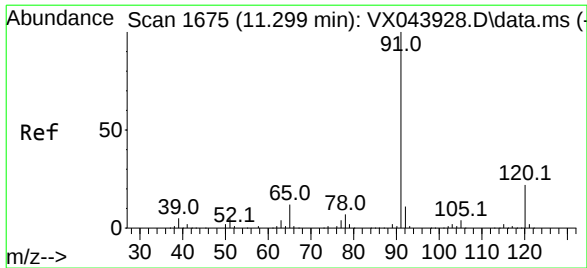
Tgt Ion:105 Resp: 74805

Ion Ratio Lower Upper

105 100

120 26.6 13.0 38.9





#78

n-propylbenzene

Concen: 6.076 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044124.D

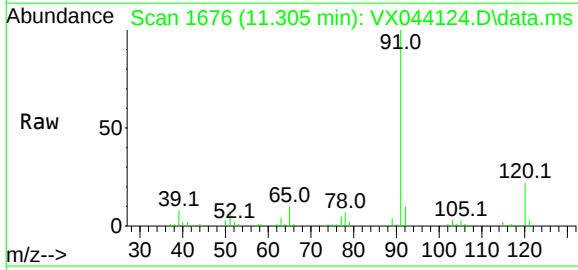
Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2RE

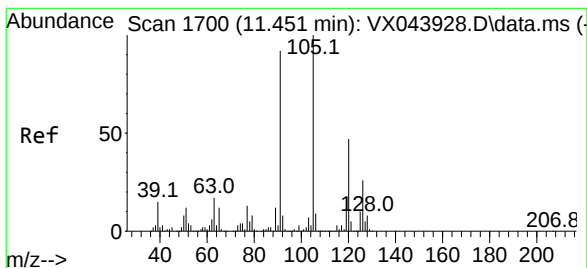
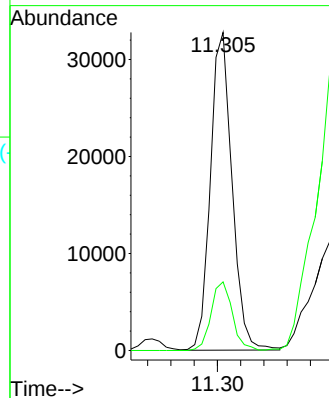
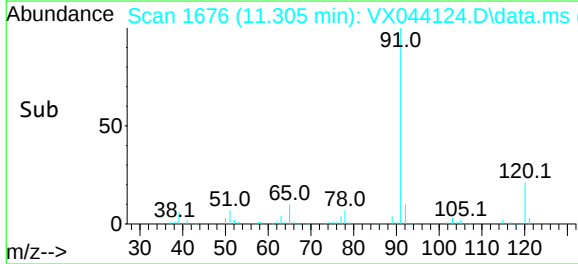


Tgt Ion: 91 Resp: 42414

Ion Ratio Lower Upper

91 100

120 21.2 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 12.065 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044124.D

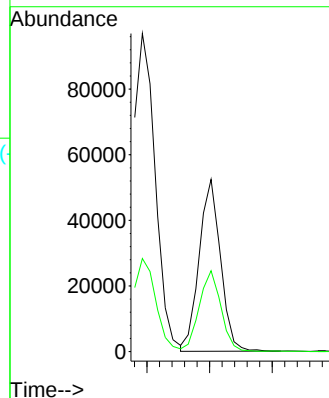
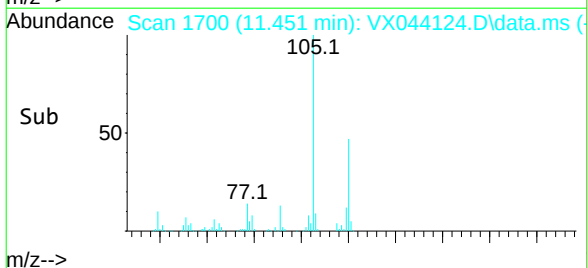
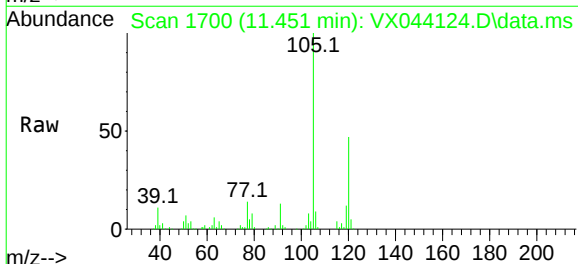
Acq: 04 Dec 2024 18:02

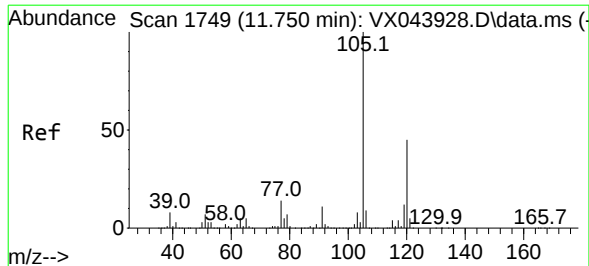
Tgt Ion: 105 Resp: 62034

Ion Ratio Lower Upper

105 100

120 47.5 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 47.279 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

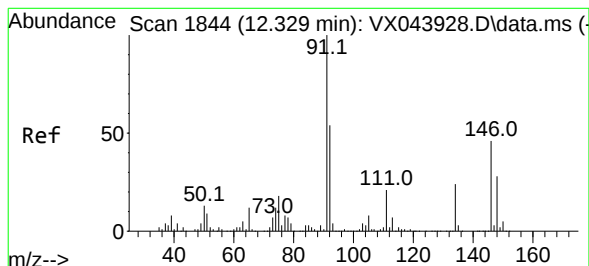
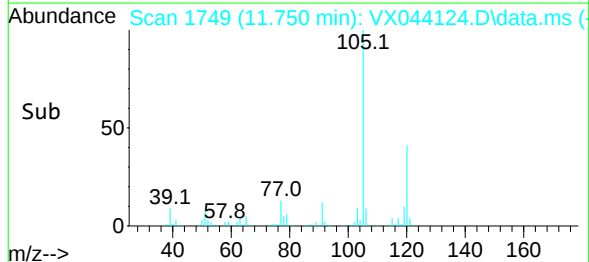
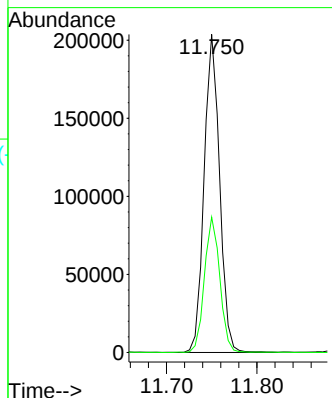
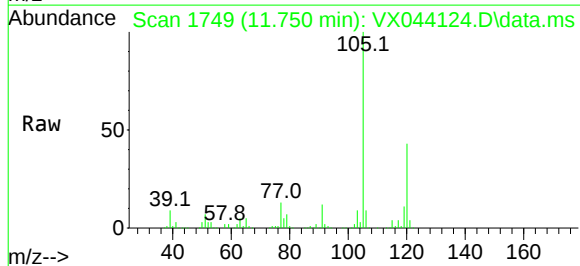
SPLP-C11-2RE

Tgt Ion:105 Resp: 242025

Ion Ratio Lower Upper

105 100

120 42.6 21.9 65.7



#89

n-Butylbenzene

Concen: 2.758 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX044124.D

Acq: 04 Dec 2024 18:02

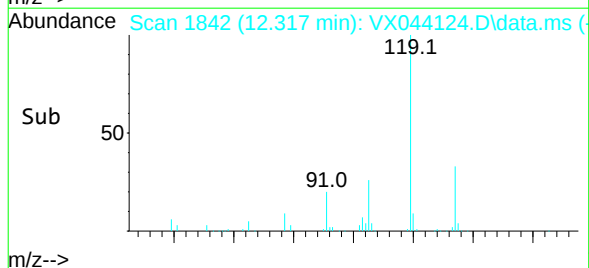
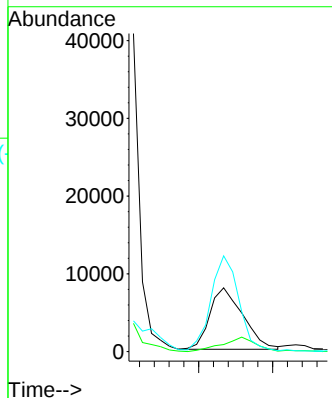
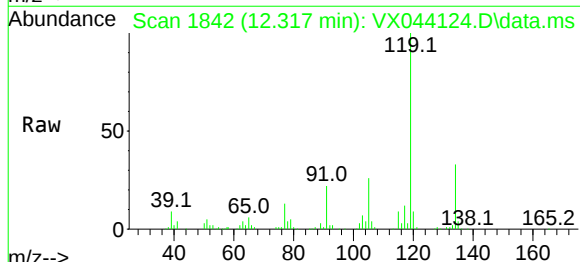
Tgt Ion: 91 Resp: 12335

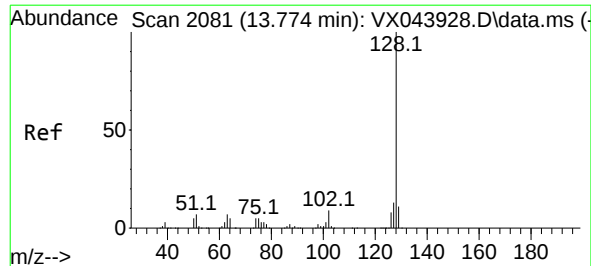
Ion Ratio Lower Upper

91 100

92 24.9 26.6 79.8#

134 131.3 12.4 37.2#





#95

Naphthalene

Concen: 1590.973 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044124.D

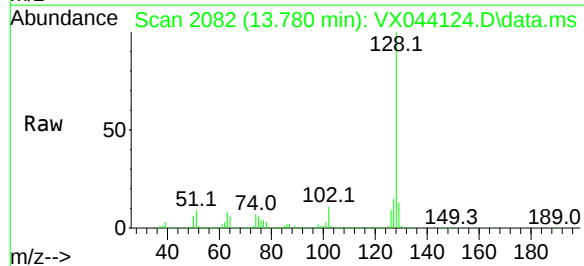
Acq: 04 Dec 2024 18:02

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-2RE



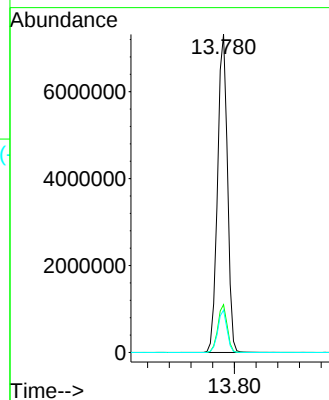
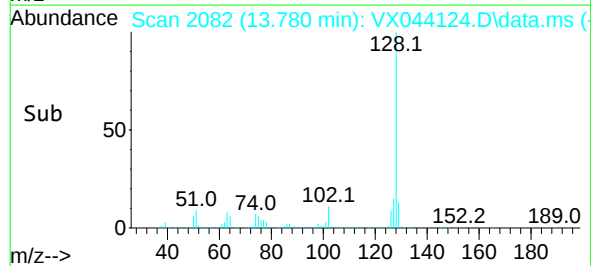
Tgt Ion:128 Resp: 9252411

Ion	Ratio	Lower	Upper
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128	100		
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127	14.2	10.2	15.2
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129	12.4	8.6	12.8
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Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C11-3		SDG No.:	P5006	
Lab Sample ID:	P5006-14		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044102.D	1		12/03/24 18:46	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	17.8	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.50	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	2.60	J	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-3	SDG No.:	P5006
Lab Sample ID:	P5006-14	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044102.D	1		12/03/24 18:46	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	45.9		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	9.70	J	0.31	10.0	ug/L
95-47-6	o-Xylene	10.8		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	4.40	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	36.0		70 (75) - 130 (124)	72%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.7		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	105000	5.544			
540-36-3	1,4-Difluorobenzene	206000	6.757			
3114-55-4	Chlorobenzene-d5	184000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	84900	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C11-3		SDG No.:	P5006	
Lab Sample ID:	P5006-14		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044102.D	1		12/03/24 18:46	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044102.D
 Acq On : 03 Dec 2024 18:46
 Operator : JC/MD
 Sample : P5006-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-3

Quant Time: Dec 04 00:15:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

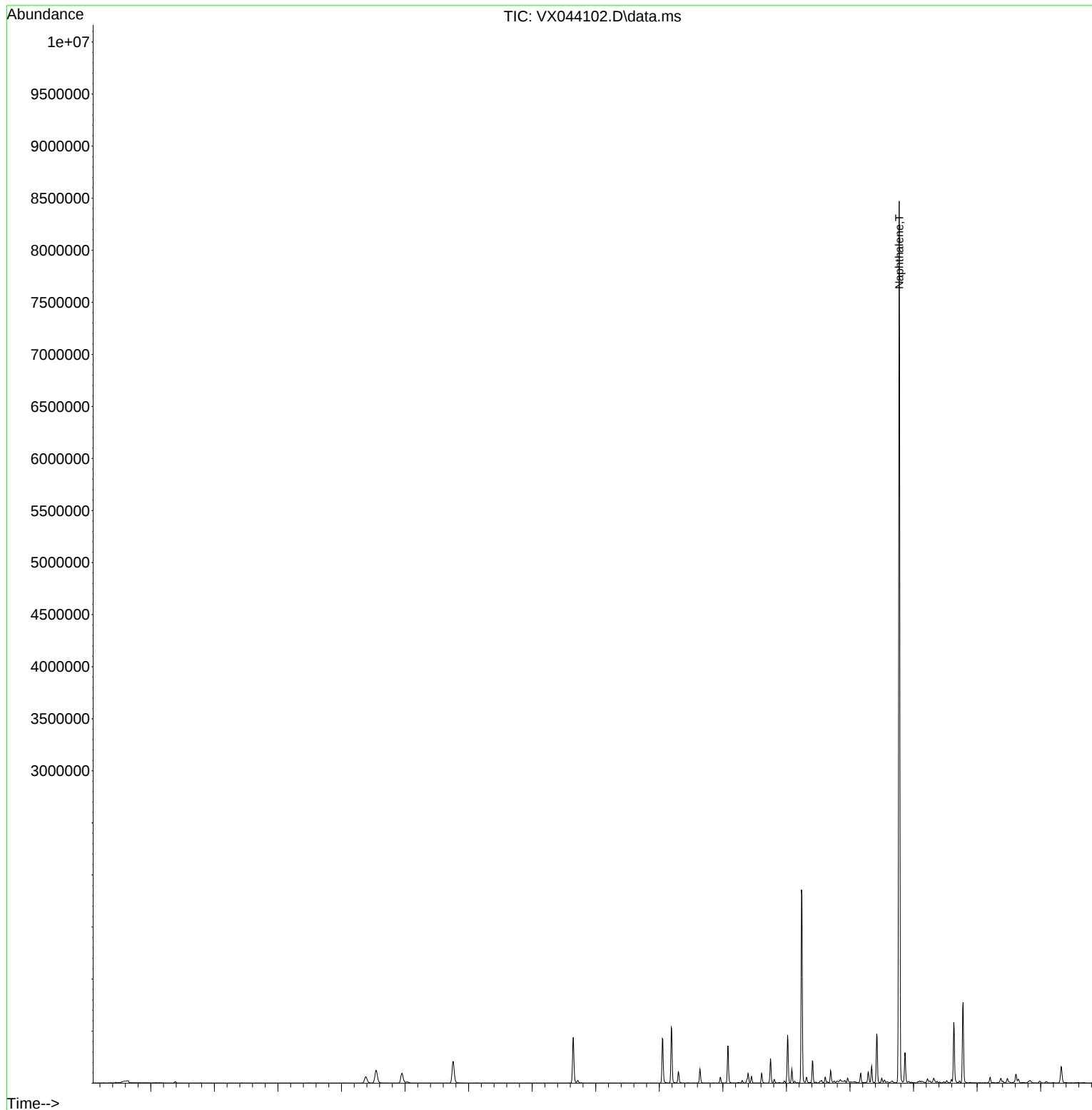
Internal Standards						
1) Pentafluorobenzene	5.544	168	104678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94124	52.425	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.840%			
35) Dibromofluoromethane	5.379	113	52876	35.980	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 71.960%#			
50) Toluene-d8	8.647	98	254444	50.228	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.079	95	90782	52.657	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.320%			
Target Compounds						
16) Acetone	2.386	43	14715	17.845	ug/l	93
40) Benzene	6.037	78	14047	2.463	ug/l	100
52) Toluene	8.720	92	8797	2.577	ug/l	97
67) Ethyl Benzene	10.195	91	314227	45.886	ug/l	99
68) m/p-Xylenes	10.299	106	24707	9.675	ug/l	98
69) o-Xylene	10.640	106	26925	10.799	ug/l	96
73) Isopropylbenzene	10.963	105	28697	4.395	ug/l	99
78) n-propylbenzene	11.305	91	14426	1.978	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	26719	4.974	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	97956	18.316	ug/l	98
89) n-Butylbenzene	12.317	91	5728	1.226	ug/l #	11
95) Naphthalene	13.774	128	4742702	780.590	ug/l	98

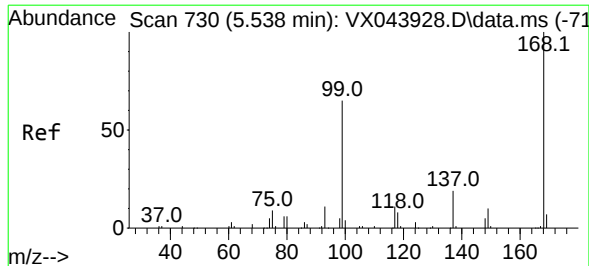
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044102.D
Acq On : 03 Dec 2024 18:46
Operator : JC/MD
Sample : P5006-14
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-3

Quant Time: Dec 04 00:15:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 73

Delta R.T. 0.006 min

Lab File: VX044102.D

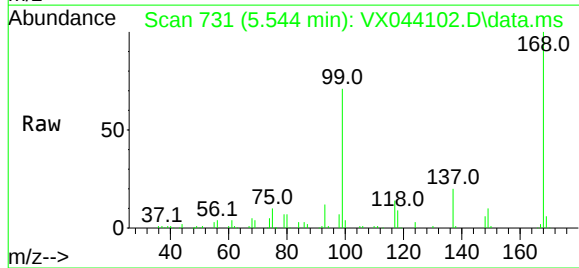
Acq: 03 Dec 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-3

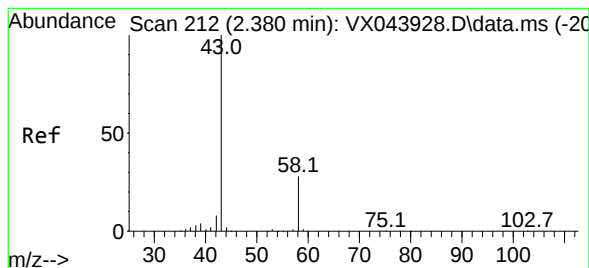
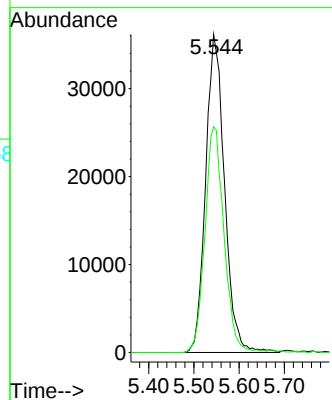
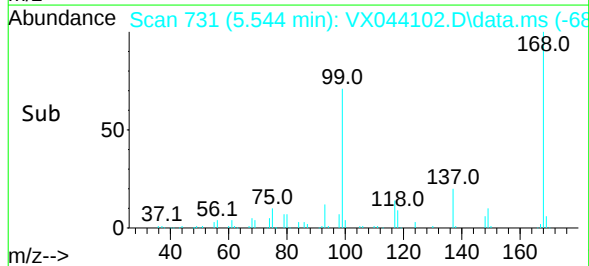


Tgt Ion:168 Resp: 104678

Ion Ratio Lower Upper

168 100

99 71.0 51.8 77.8



#16

Acetone

Concen: 17.845 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044102.D

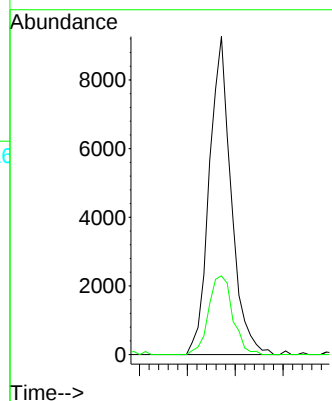
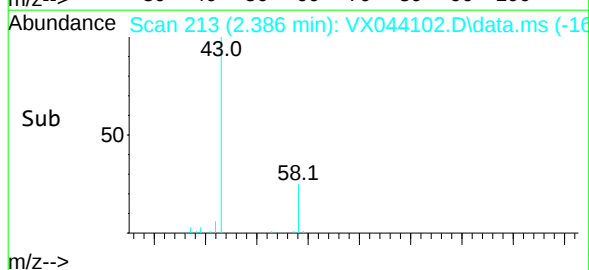
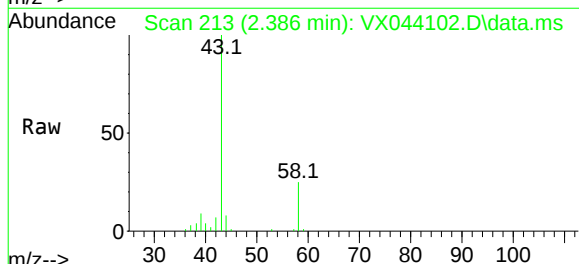
Acq: 03 Dec 2024 18:46

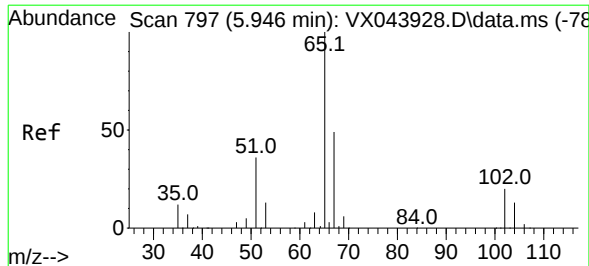
Tgt Ion: 43 Resp: 14715

Ion Ratio Lower Upper

43 100

58 24.8 22.7 34.1

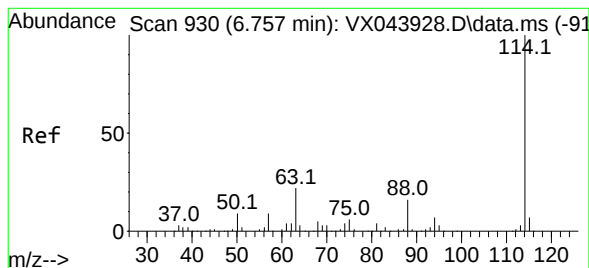
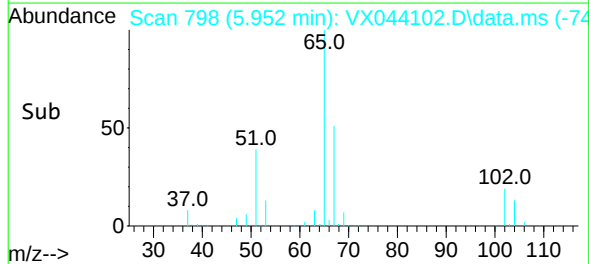
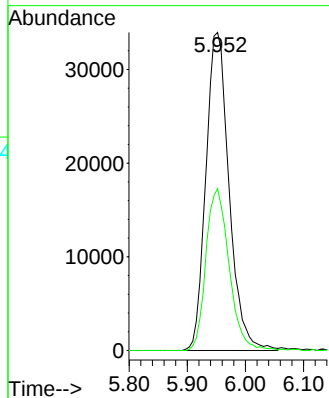
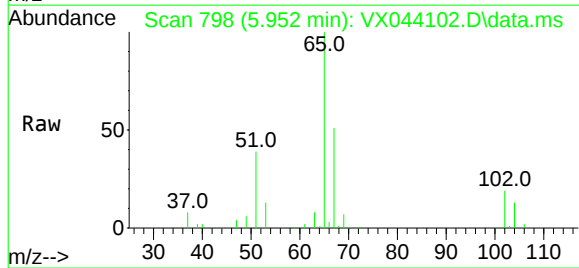




#33
1,2-Dichloroethane-d4
Concen: 52.425 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044102.D
Acq: 03 Dec 2024 18:46

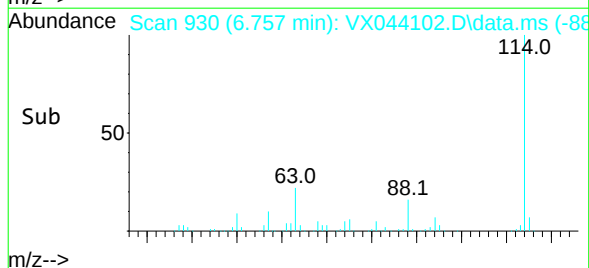
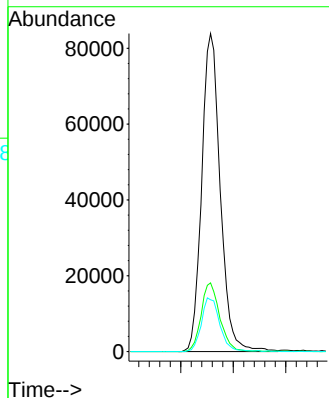
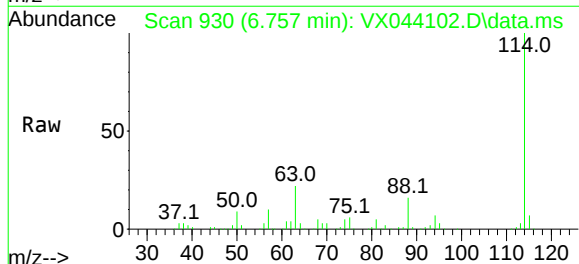
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-3

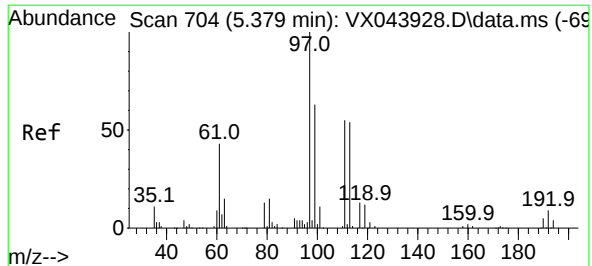
Tgt Ion: 65 Resp: 94124
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044102.D
Acq: 03 Dec 2024 18:46

Tgt Ion: 114 Resp: 205665
Ion Ratio Lower Upper
114 100
63 21.6 0.0 44.0
88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 35.980 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044102.D

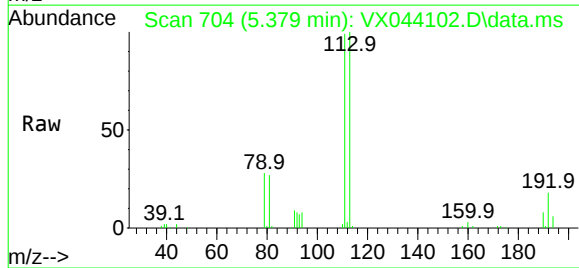
Acq: 03 Dec 2024 18:46

Instrument :

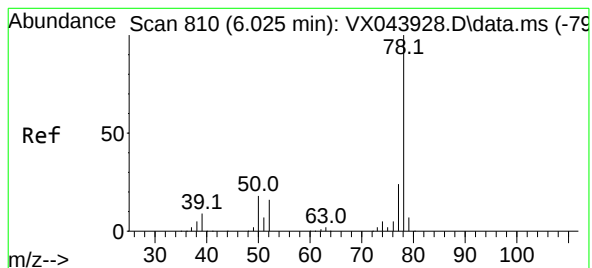
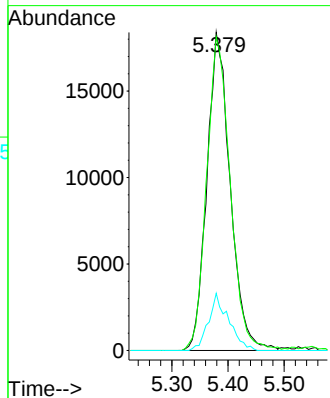
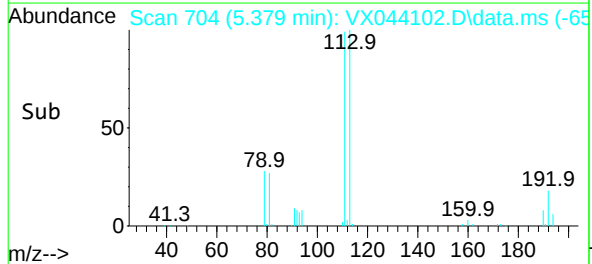
MSVOA_X

ClientSampleId :

SPLP-C11-3



Tgt Ion:	113	Resp:	52876
Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.0	121.4
192	15.6	13.0	19.6



#40

Benzene

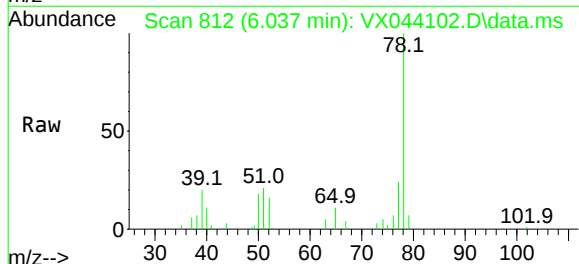
Concen: 2.463 ug/l

RT: 6.037 min Scan# 812

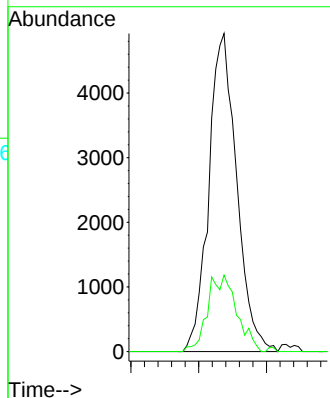
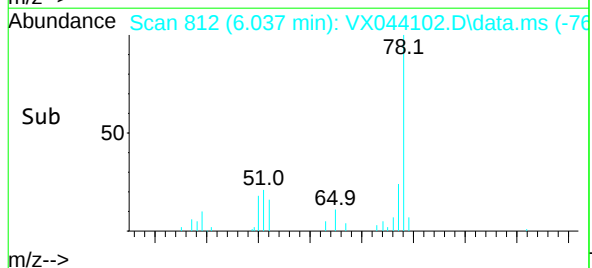
Delta R.T. 0.012 min

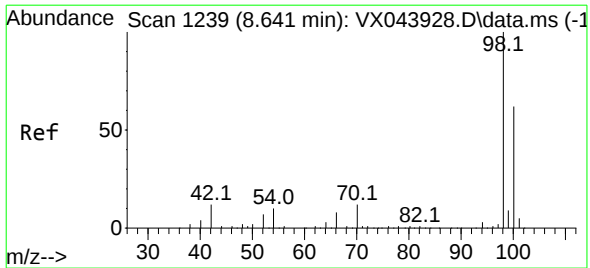
Lab File: VX044102.D

Acq: 03 Dec 2024 18:46



Tgt Ion:	78	Resp:	14047
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8





#50

Toluene-d8

Concen: 50.228 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044102.D

Acq: 03 Dec 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

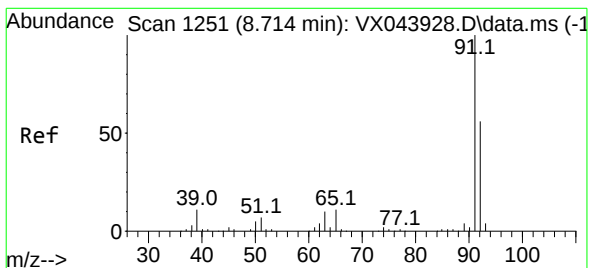
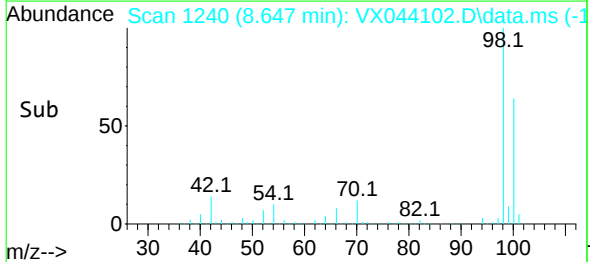
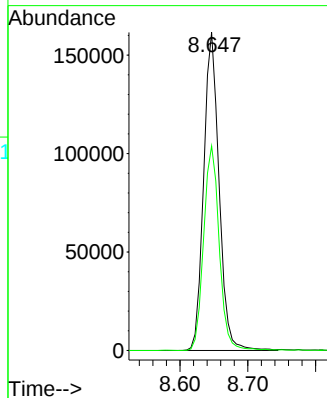
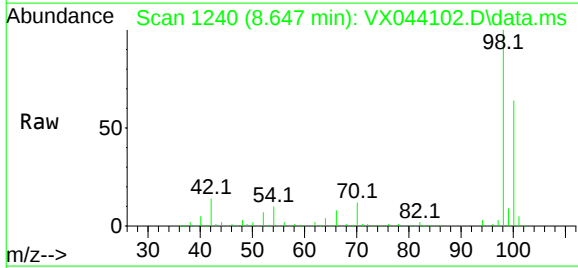
SPLP-C11-3

Tgt Ion: 98 Resp: 254444

Ion Ratio Lower Upper

98 100

100 65.2 52.6 79.0



#52

Toluene

Concen: 2.577 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044102.D

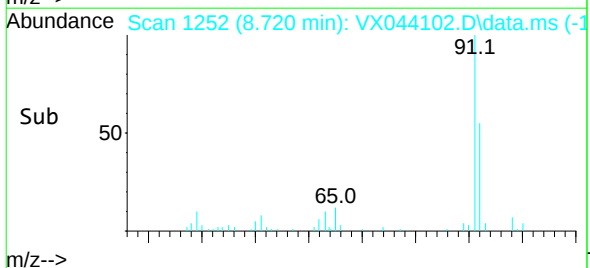
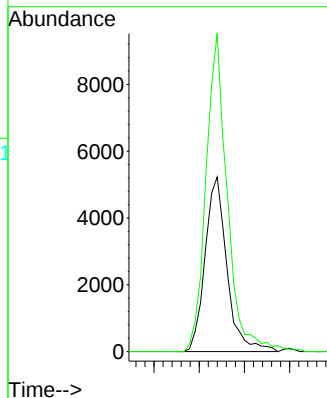
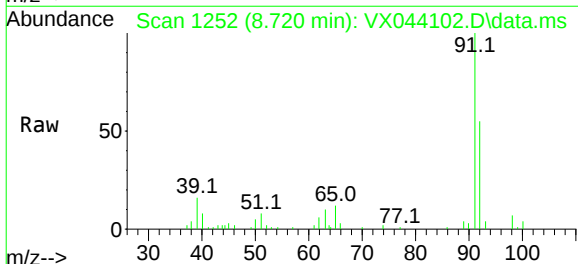
Acq: 03 Dec 2024 18:46

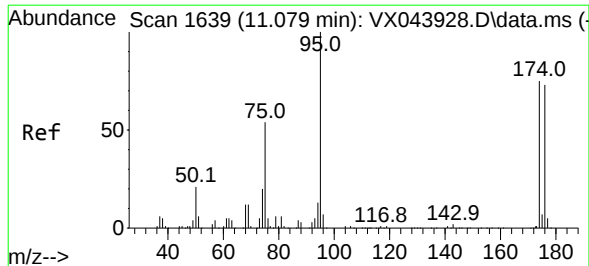
Tgt Ion: 92 Resp: 8797

Ion Ratio Lower Upper

92 100

91 178.1 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 52.657 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044102.D

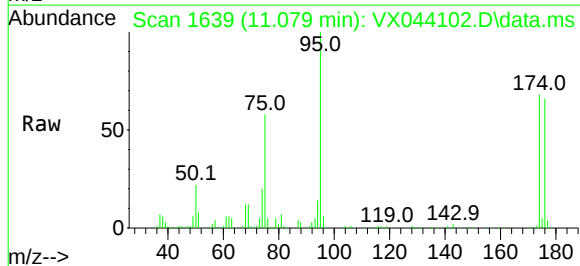
Acq: 03 Dec 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-3



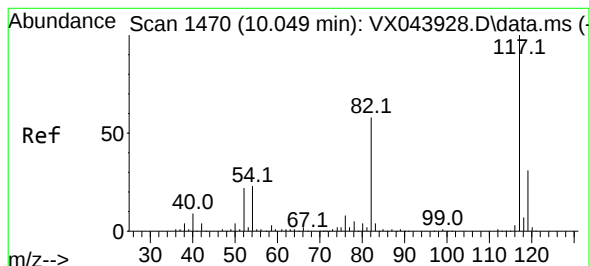
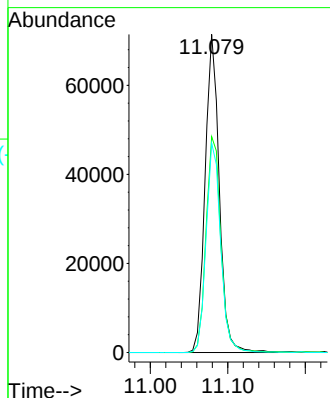
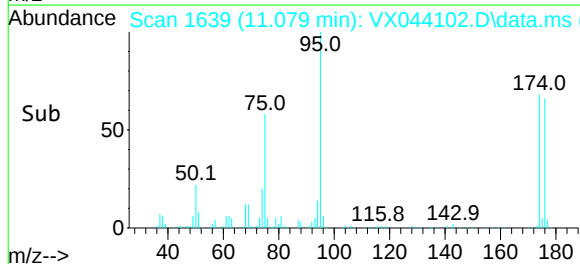
Tgt Ion: 95 Resp: 90782

Ion Ratio Lower Upper

95 100

174 71.2 0.0 150.4

176 67.8 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX044102.D

Acq: 03 Dec 2024 18:46

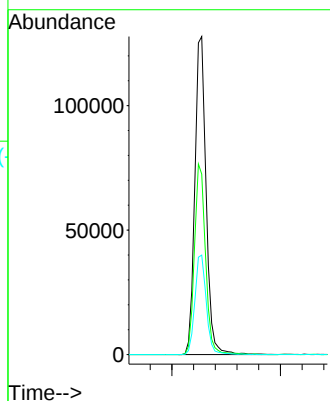
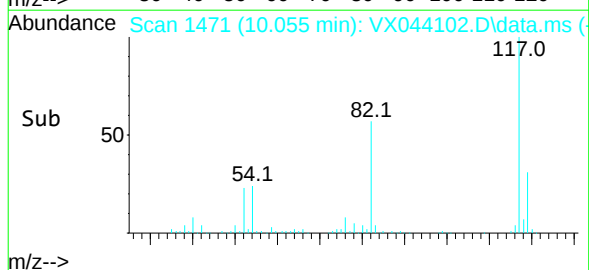
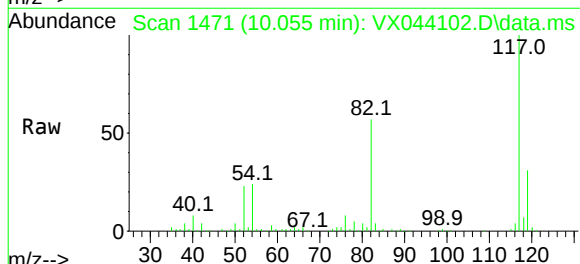
Tgt Ion: 117 Resp: 184006

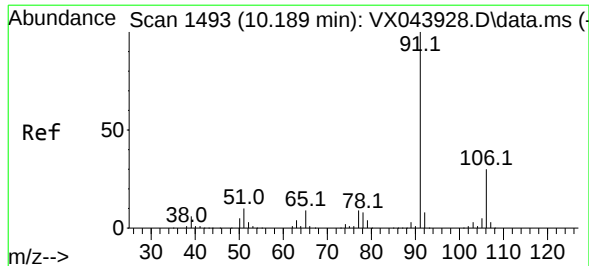
Ion Ratio Lower Upper

117 100

82 56.7 46.4 69.6

119 31.3 24.6 37.0





#67

Ethyl Benzene

Concen: 45.886 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX044102.D

Acq: 03 Dec 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

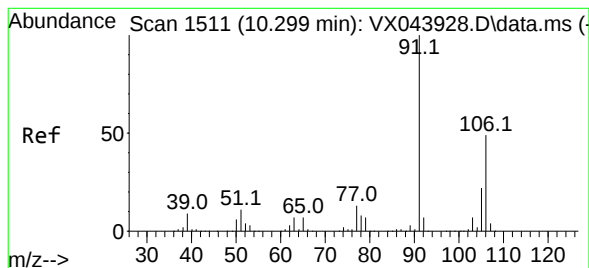
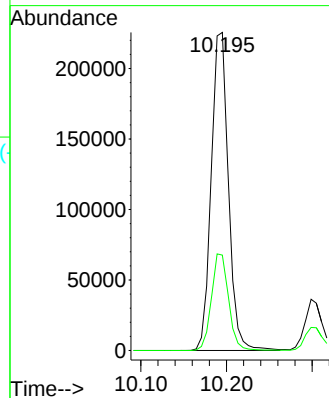
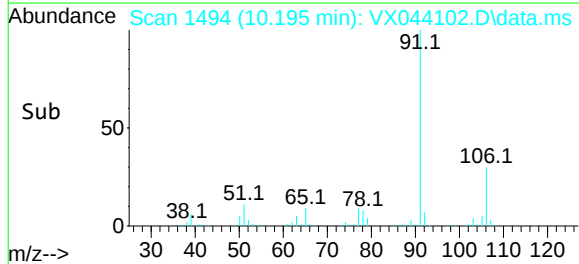
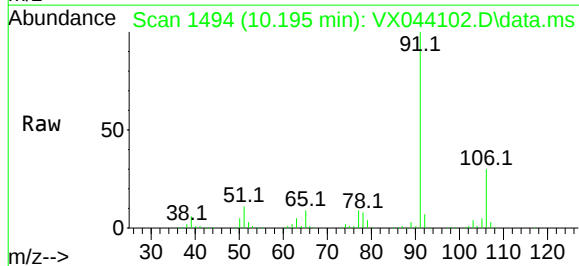
SPLP-C11-3

Tgt Ion: 91 Resp: 314227

Ion Ratio Lower Upper

91 100

106 30.0 23.6 35.4



#68

m/p-Xylenes

Concen: 9.675 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044102.D

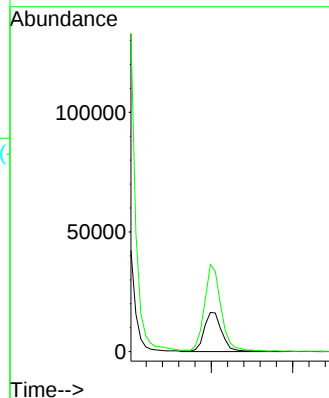
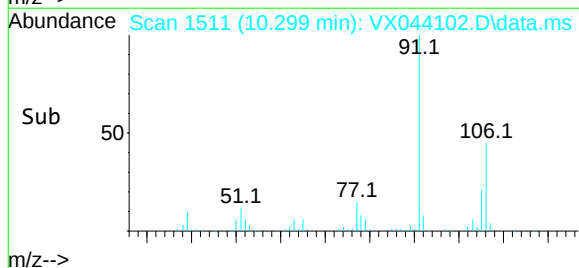
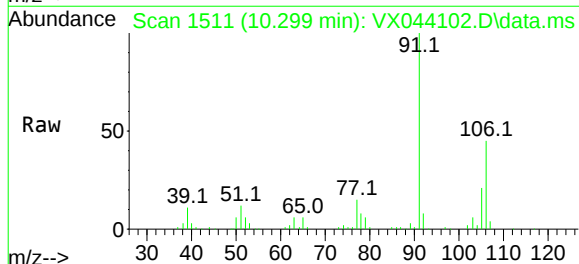
Acq: 03 Dec 2024 18:46

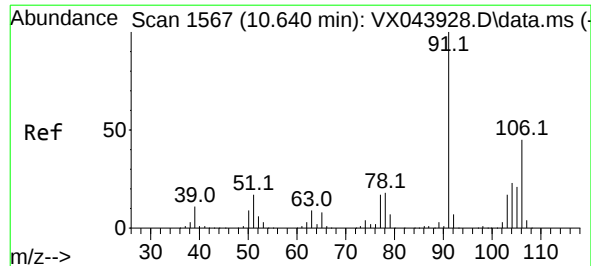
Tgt Ion: 106 Resp: 24707

Ion Ratio Lower Upper

106 100

91 207.3 168.1 252.1





#69

o-Xylene

Concen: 10.799 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044102.D

Acq: 03 Dec 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

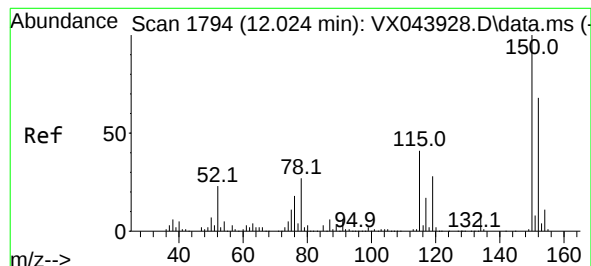
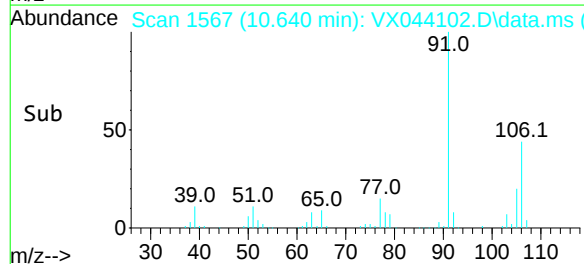
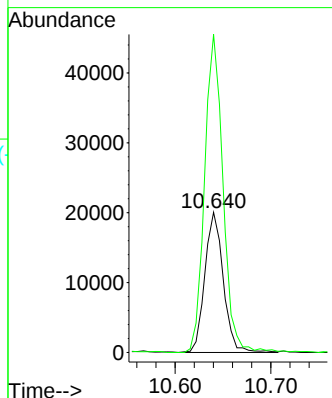
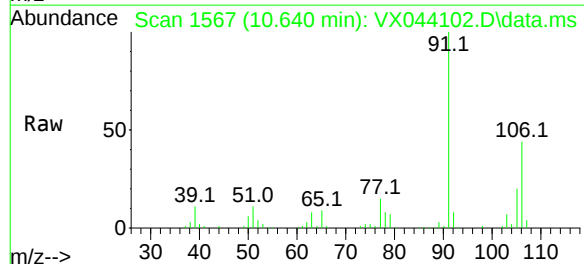
SPLP-C11-3

Tgt Ion:106 Resp: 26925

Ion Ratio Lower Upper

106 100

91 226.9 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044102.D

Acq: 03 Dec 2024 18:46

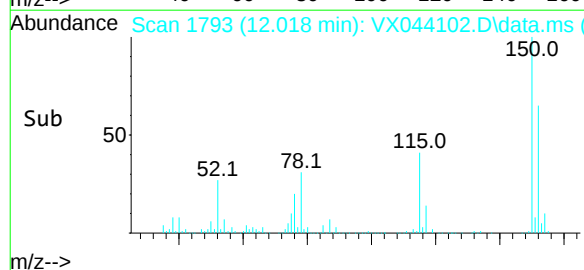
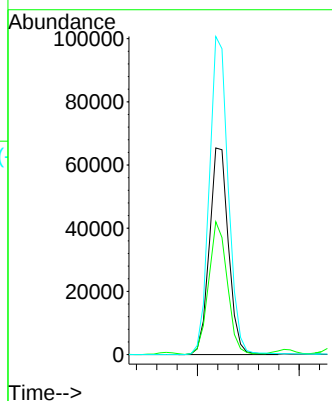
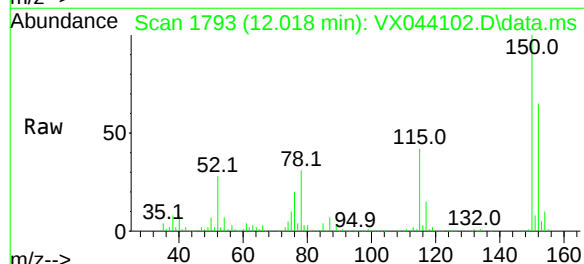
Tgt Ion:152 Resp: 84942

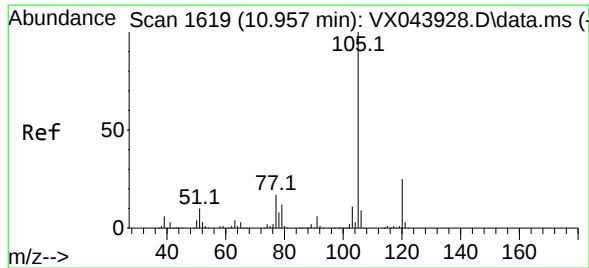
Ion Ratio Lower Upper

152 100

115 62.9 45.4 136.2

150 153.5 0.0 353.0





#73

Isopropylbenzene

Concen: 4.395 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044102.D

Acq: 03 Dec 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

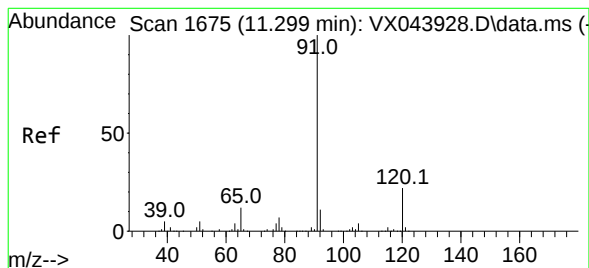
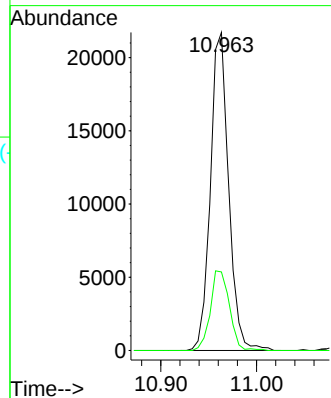
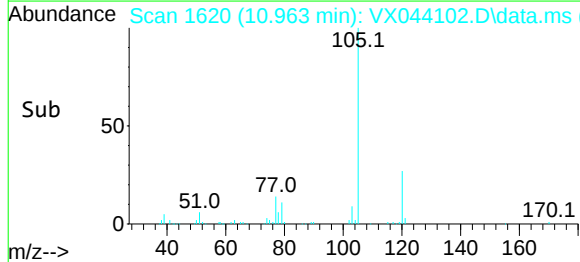
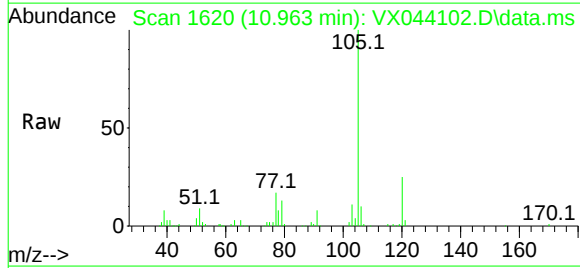
SPLP-C11-3

Tgt Ion:105 Resp: 28697

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#78

n-propylbenzene

Concen: 1.978 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044102.D

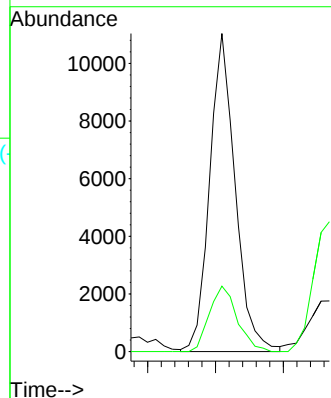
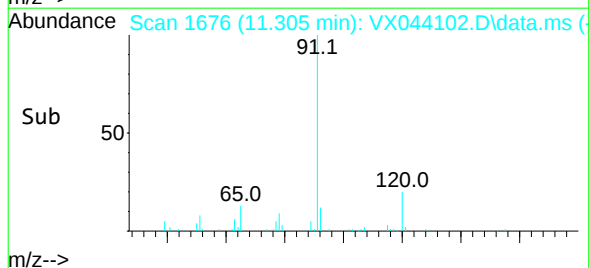
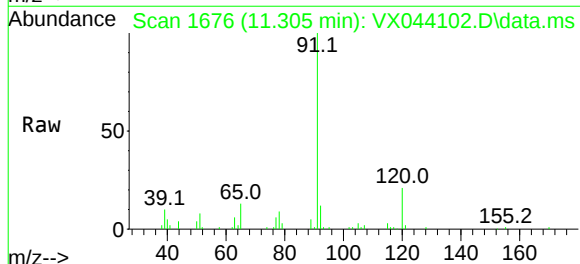
Acq: 03 Dec 2024 18:46

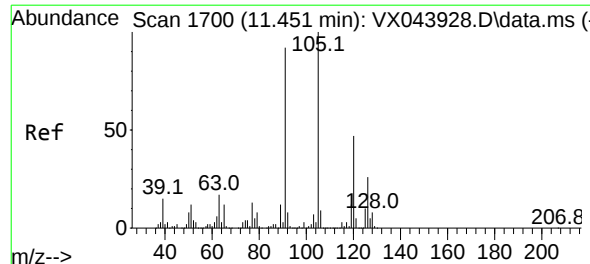
Tgt Ion: 91 Resp: 14426

Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 4.974 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044102.D

Acq: 03 Dec 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

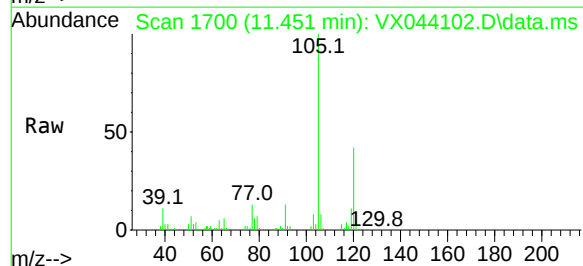
SPLP-C11-3

Tgt Ion:105 Resp: 26719

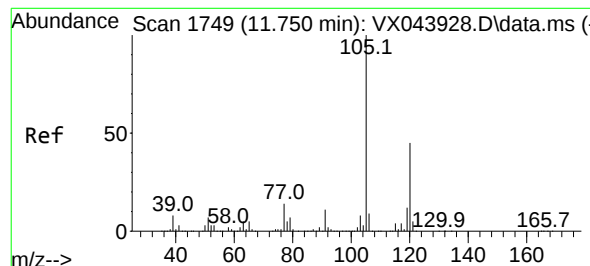
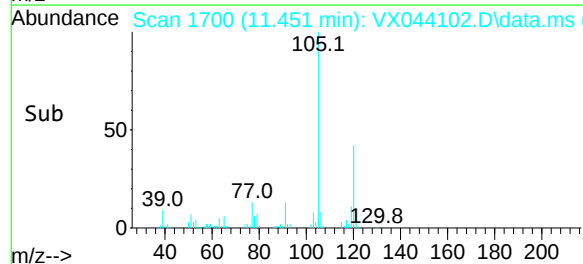
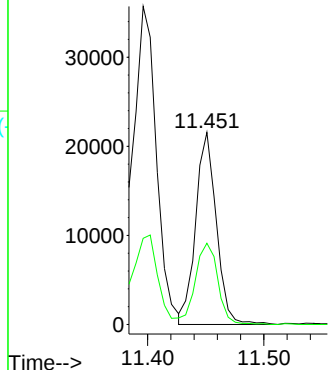
Ion Ratio Lower Upper

105 100

120 46.7 23.3 69.8



Abundance



#84

1,2,4-Trimethylbenzene

Concen: 18.316 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044102.D

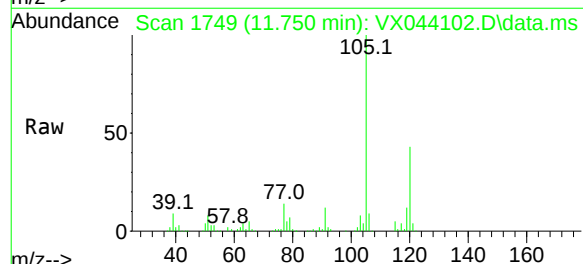
Acq: 03 Dec 2024 18:46

Tgt Ion:105 Resp: 97956

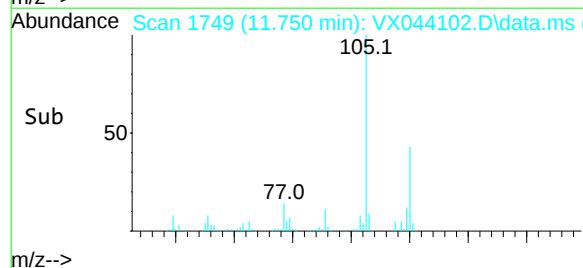
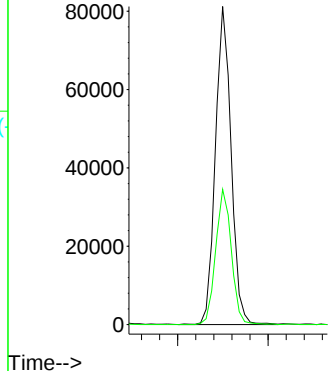
Ion Ratio Lower Upper

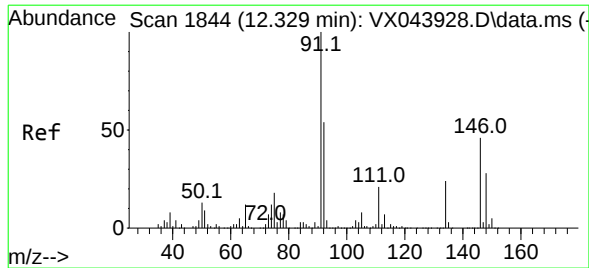
105 100

120 42.5 21.9 65.7



Abundance





#89

n-Butylbenzene

Concen: 1.226 ug/l

RT: 12.317 min Scan# 1844

Delta R.T. -0.012 min

Lab File: VX044102.D

Acq: 03 Dec 2024 18:46

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-3

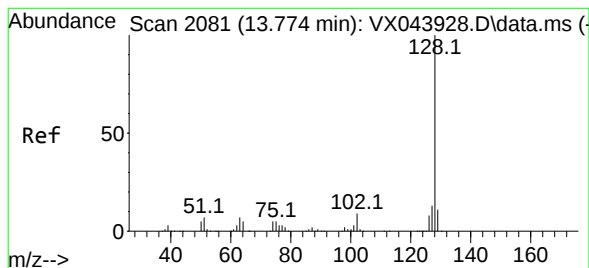
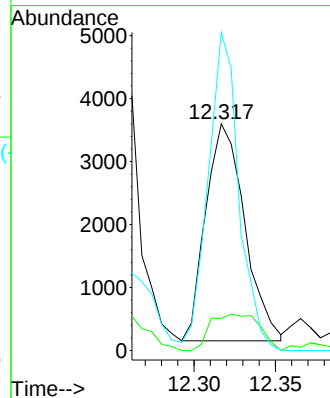
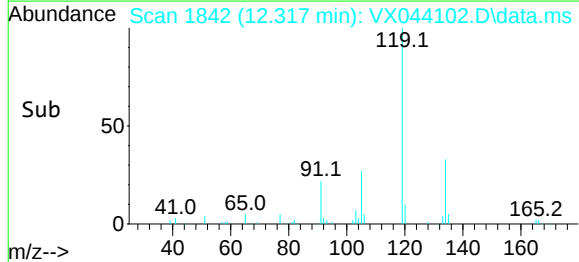
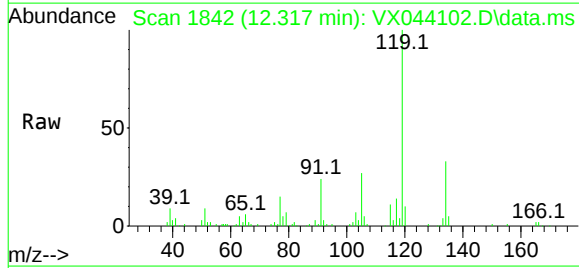
Tgt Ion: 91 Resp: 5728

Ion Ratio Lower Upper

91 100

92 21.1 26.6 79.8#

134 116.0 12.4 37.2#



#95

Naphthalene

Concen: 780.590 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044102.D

Acq: 03 Dec 2024 18:46

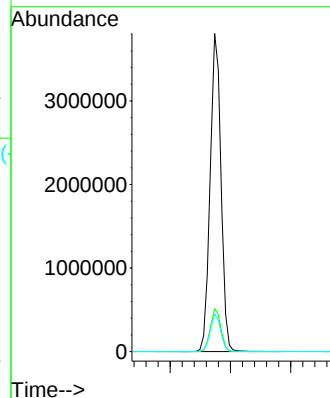
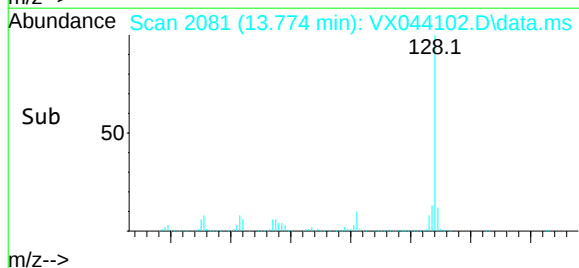
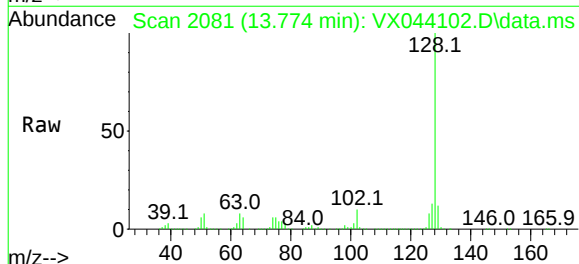
Tgt Ion: 128 Resp: 4742702

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 11.4 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-14RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044125.D	1		12/04/24 18:25	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	17.5	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.50	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	2.40	J	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-14RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044125.D	1		12/04/24 18:25	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	44.8		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	8.90	J	0.31	10.0	ug/L
95-47-6	o-Xylene	10.5		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	4.30	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.5		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	35.4		70 (75) - 130 (124)	71%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108000	5.544			
540-36-3	1,4-Difluorobenzene	208000	6.757			
3114-55-4	Chlorobenzene-d5	188000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	86400	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C11-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-14RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044125.D	1		12/04/24 18:25	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044125.D
 Acq On : 04 Dec 2024 18:25
 Operator : JC/MD
 Sample : P5006-14RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C11-3RE

Quant Time: Dec 05 00:34:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

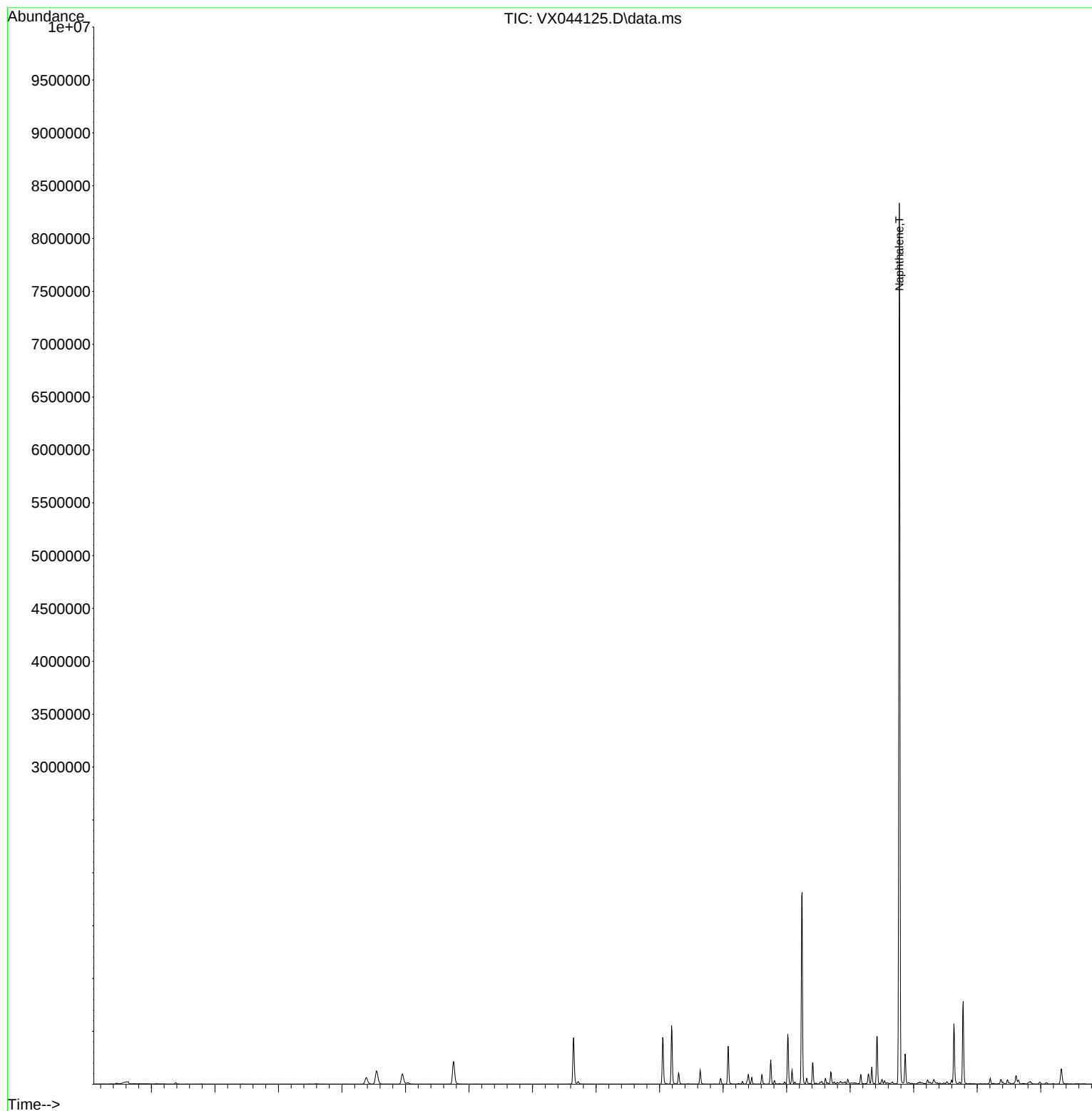
Internal Standards						
1) Pentafluorobenzene	5.544	168	108281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	187581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	86376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95639	51.496	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.000%			
35) Dibromofluoromethane	5.385	113	52533	35.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 70.780%#			
50) Toluene-d8	8.647	98	257599	50.347	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.700%			
62) 4-Bromofluorobenzene	11.079	95	93522	53.709	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.420%			
Target Compounds						
16) Acetone	2.386	43	14942	17.517	ug/l	98
40) Benzene	6.038	78	14482	2.514	ug/l	93
52) Toluene	8.720	92	8428	2.444	ug/l	99
67) Ethyl Benzene	10.189	91	312956	44.830	ug/l	99
68) m/p-Xylenes	10.299	106	23284	8.944	ug/l	98
69) o-Xylene	10.640	106	26756	10.526	ug/l	98
73) Isopropylbenzene	10.964	105	28446	4.284	ug/l	98
78) n-propylbenzene	11.305	91	14431	1.946	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	25543	4.676	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	95911	17.636	ug/l	98
89) n-Butylbenzene	12.317	91	5444	1.146	ug/l #	4
95) Naphthalene	13.774	128	4687643	758.719	ug/l	98

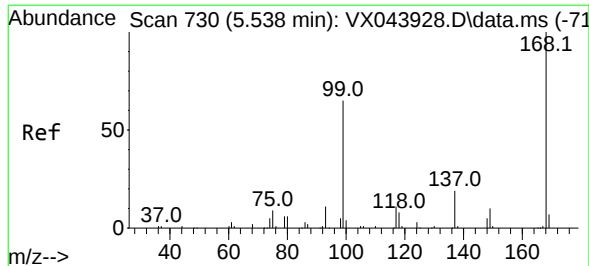
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044125.D
Acq On : 04 Dec 2024 18:25
Operator : JC/MD
Sample : P5006-14RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-3RE

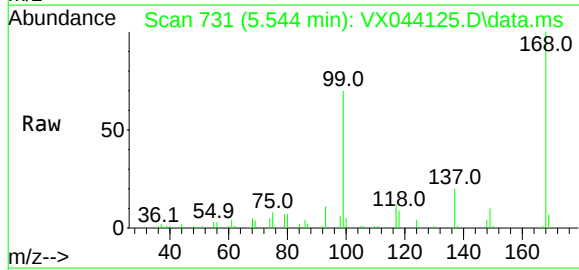
Quant Time: Dec 05 00:34:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



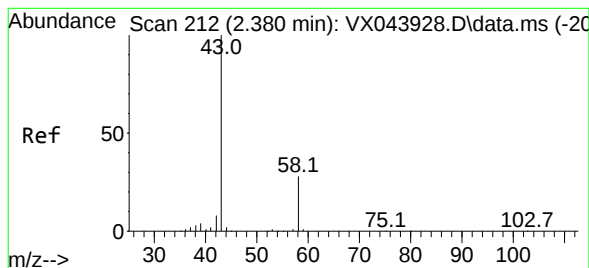
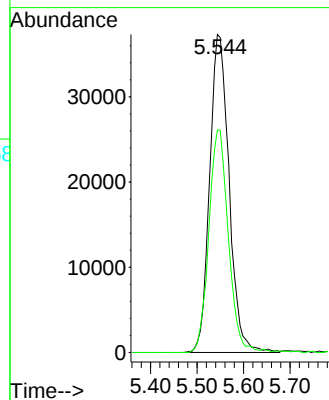
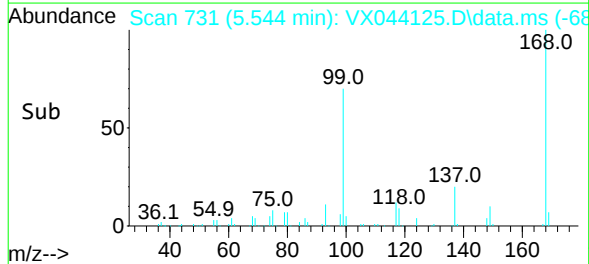


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044125.D
Acq: 04 Dec 2024 18:25

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-3RE

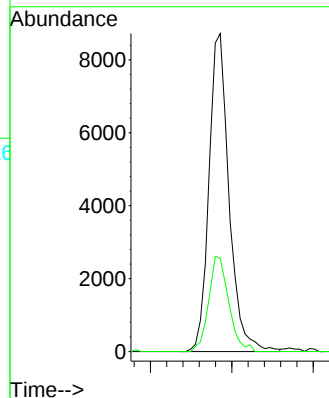
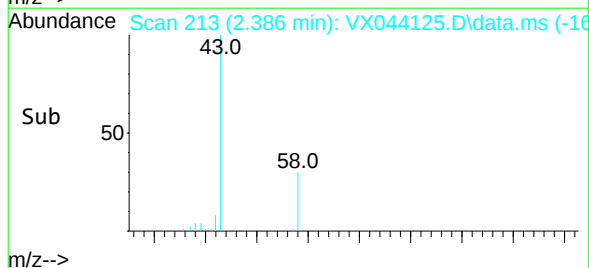
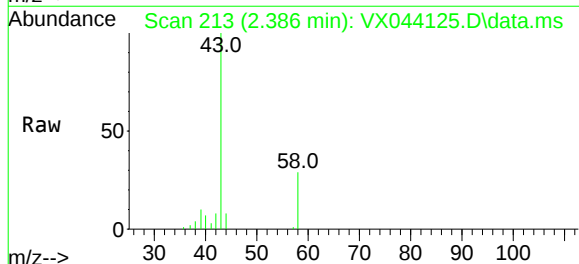


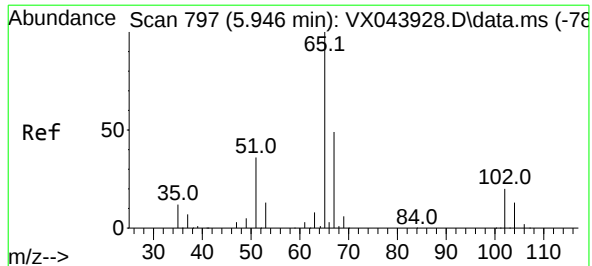
Tgt Ion: 168 Resp: 108281
Ion Ratio Lower Upper
168 100
99 70.0 51.8 77.8



#16
Acetone
Concen: 17.517 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044125.D
Acq: 04 Dec 2024 18:25

Tgt Ion: 43 Resp: 14942
Ion Ratio Lower Upper
43 100
58 29.3 22.7 34.1

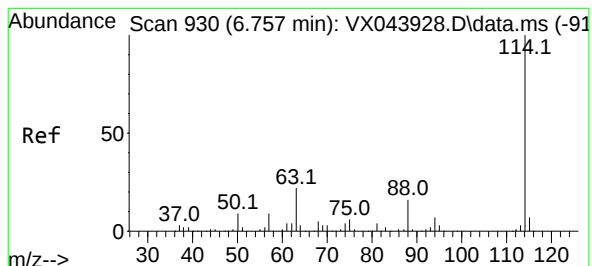
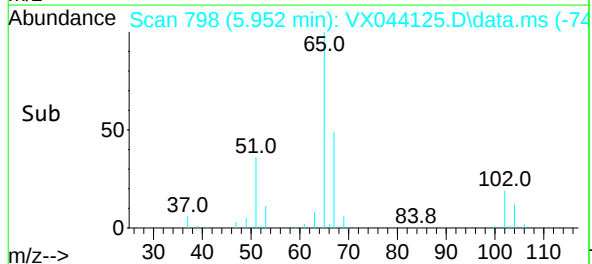
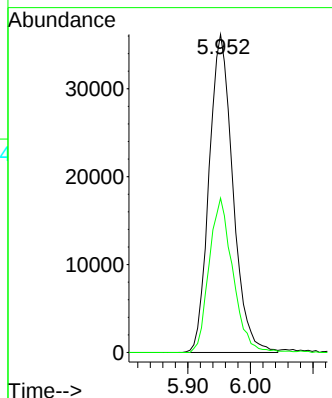
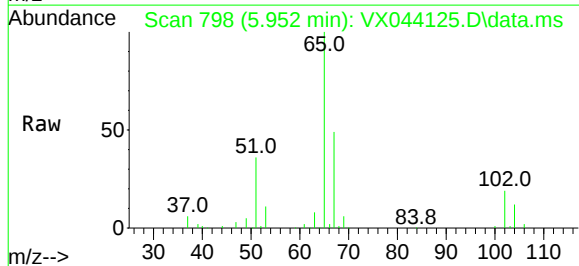




#33
1,2-Dichloroethane-d4
Concen: 51.496 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044125.D
Acq: 04 Dec 2024 18:25

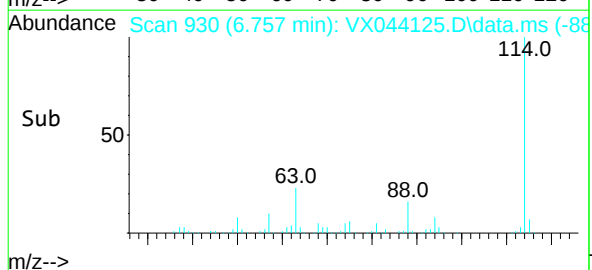
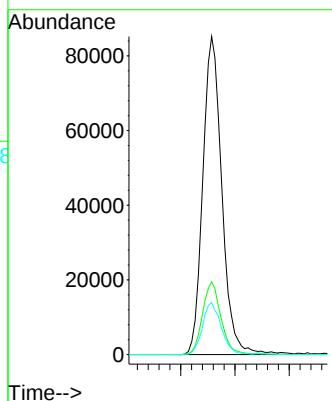
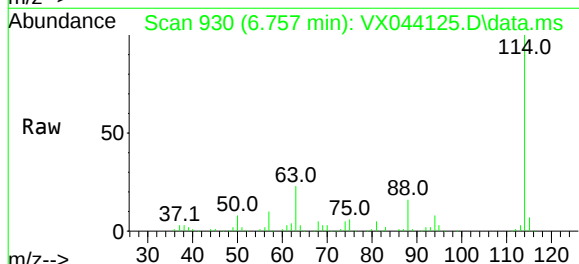
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C11-3RE

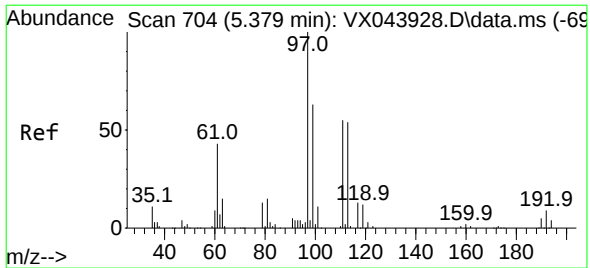
Tgt Ion: 65 Resp: 95639
Ion Ratio Lower Upper
65 100
67 48.4 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044125.D
Acq: 04 Dec 2024 18:25

Tgt Ion: 114 Resp: 207723
Ion Ratio Lower Upper
114 100
63 22.9 0.0 44.0
88 16.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 35.393 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044125.D

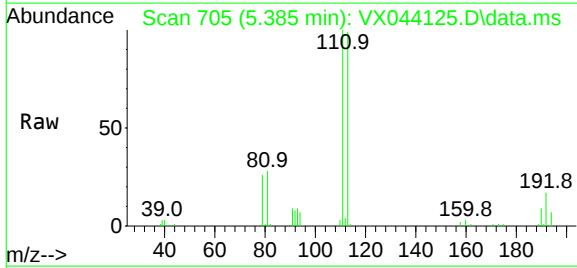
Acq: 04 Dec 2024 18:25

Instrument :

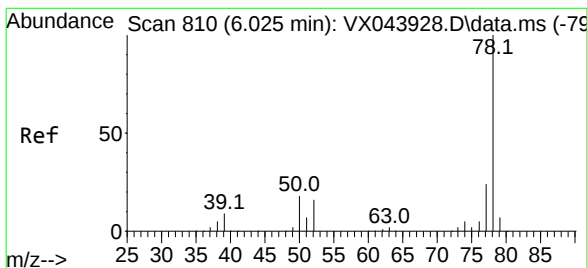
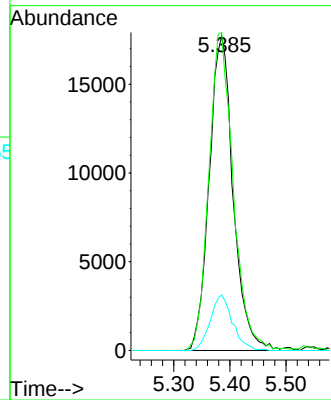
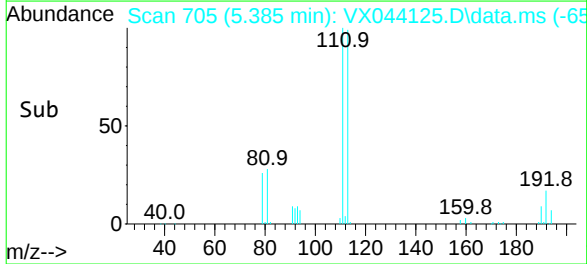
MSVOA_X

ClientSampleId :

SPLP-C11-3RE



Tgt Ion:	113	Resp:	52533
Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.0	121.4
192	16.4	13.0	19.6



#40

Benzene

Concen: 2.514 ug/l

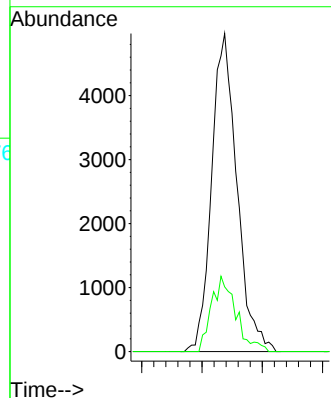
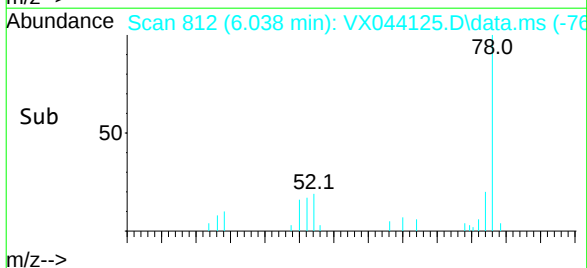
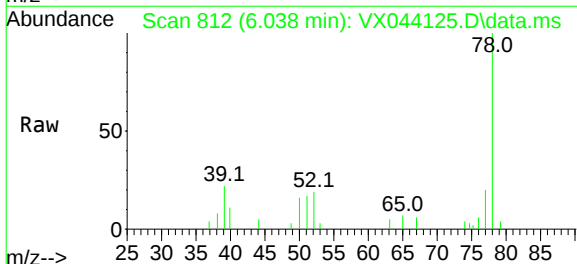
RT: 6.038 min Scan# 812

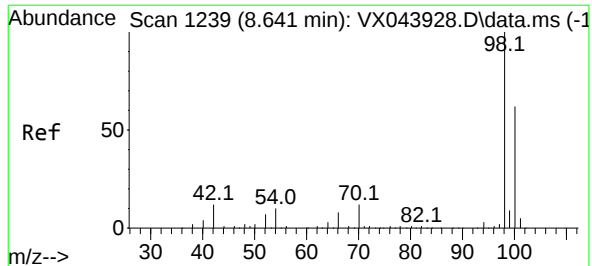
Delta R.T. 0.012 min

Lab File: VX044125.D

Acq: 04 Dec 2024 18:25

Tgt Ion:	78	Resp:	14482
Ion	Ratio	Lower	Upper
78	100		
77	20.4	19.2	28.8





#50

Toluene-d8

Concen: 50.347 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044125.D

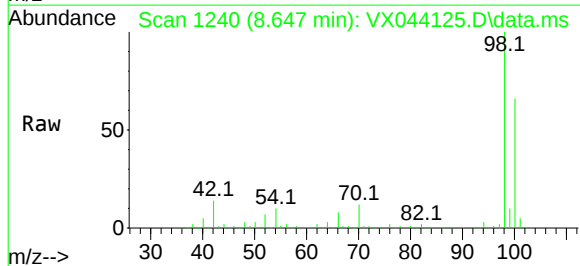
Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-3RE

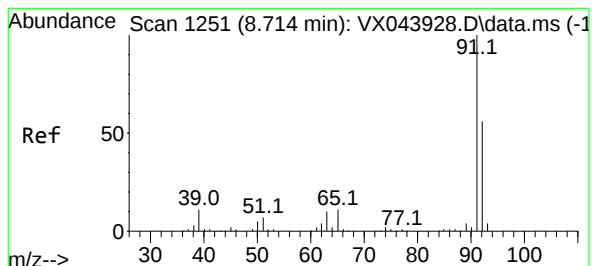
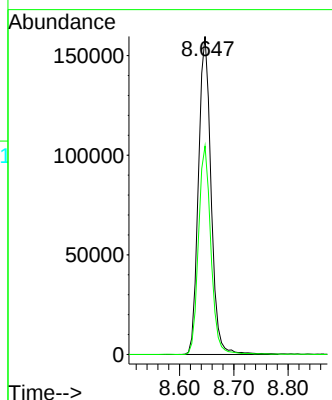
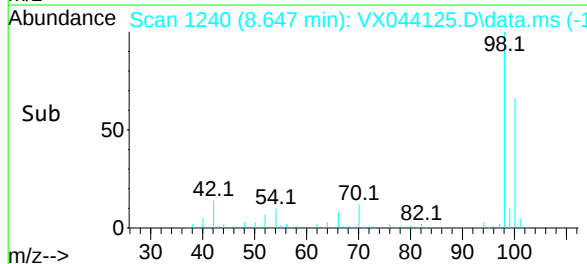


Tgt Ion: 98 Resp: 257599

Ion Ratio Lower Upper

98 100

100 64.8 52.6 79.0



#52

Toluene

Concen: 2.444 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044125.D

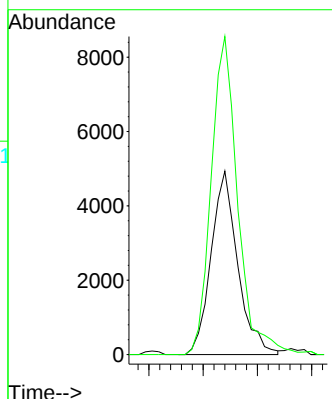
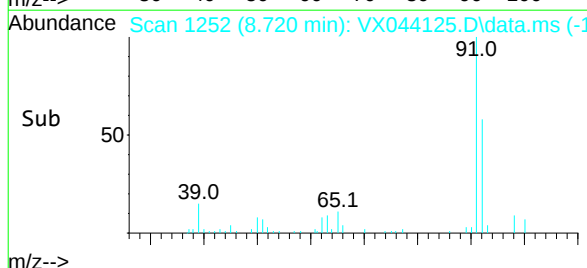
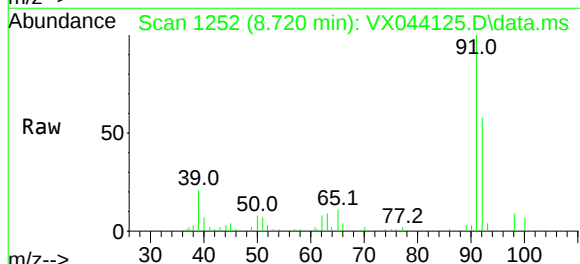
Acq: 04 Dec 2024 18:25

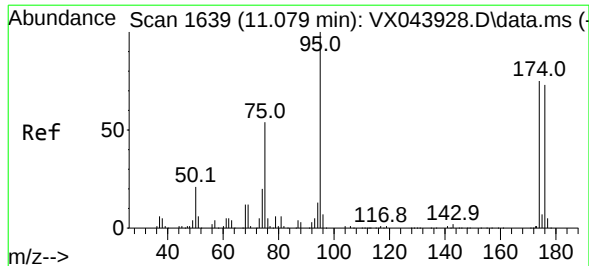
Tgt Ion: 92 Resp: 8428

Ion Ratio Lower Upper

92 100

91 172.6 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 53.709 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044125.D

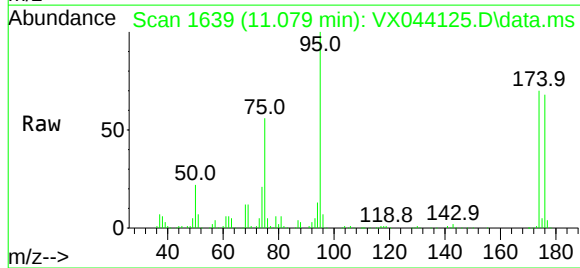
Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-3RE



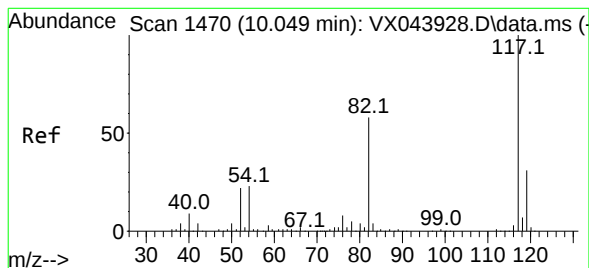
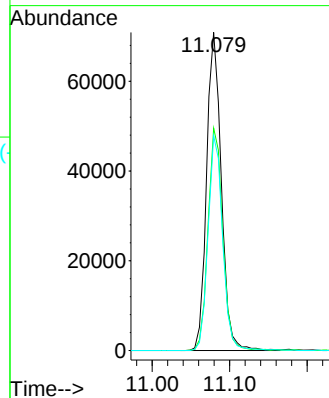
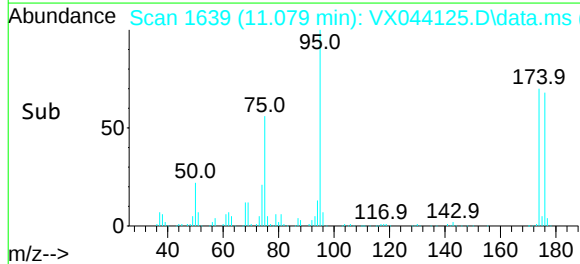
Tgt Ion: 95 Resp: 93522

Ion Ratio Lower Upper

95 100

174 70.2 0.0 150.4

176 66.9 0.0 146.0



#63

Chlorobenzene-d5

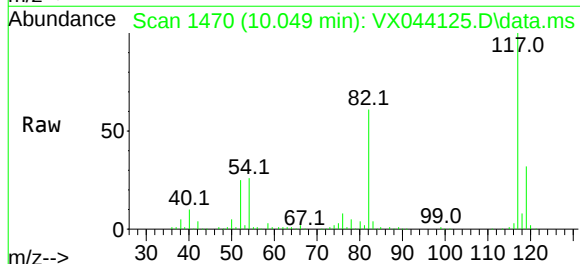
Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044125.D

Acq: 04 Dec 2024 18:25



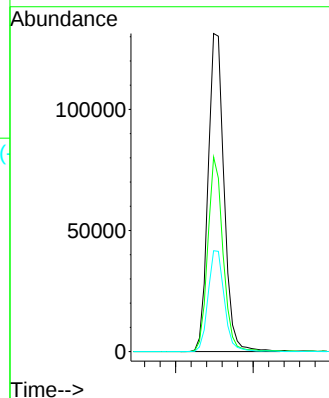
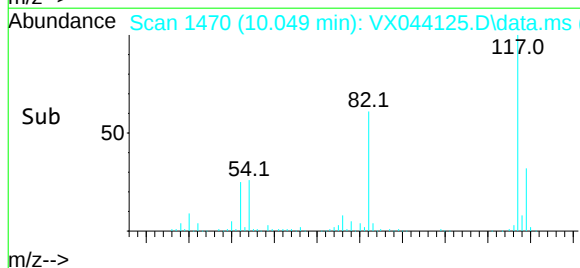
Tgt Ion: 117 Resp: 187581

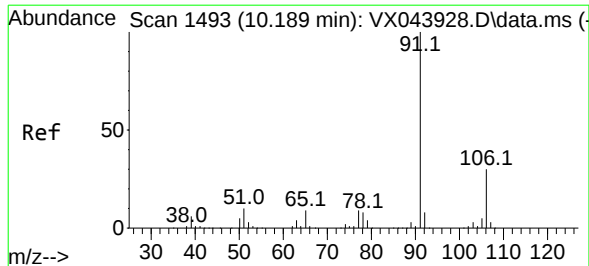
Ion Ratio Lower Upper

117 100

82 61.2 46.4 69.6

119 31.7 24.6 37.0





#67

Ethyl Benzene

Concen: 44.830 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044125.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

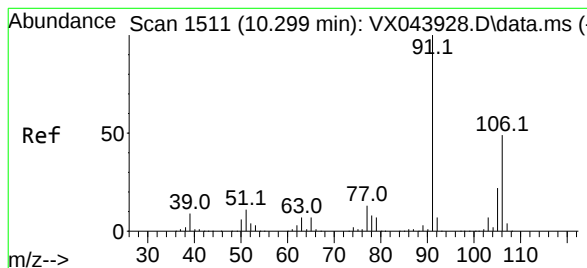
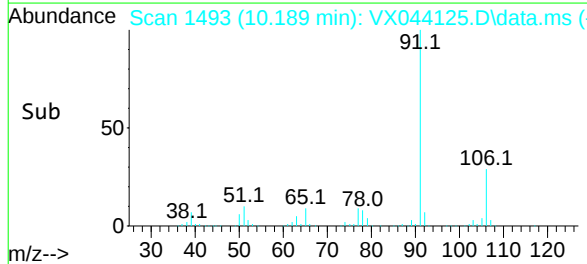
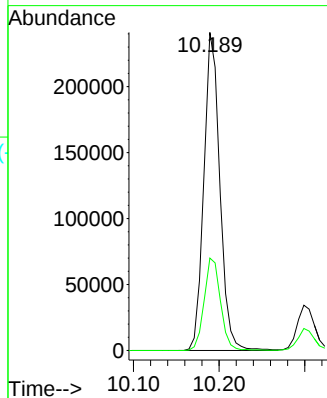
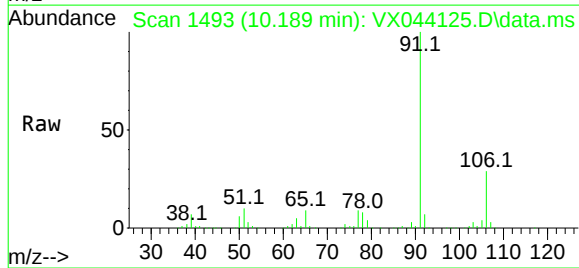
SPLP-C11-3RE

Tgt Ion: 91 Resp: 312956

Ion Ratio Lower Upper

91 100

106 29.1 23.6 35.4



#68

m/p-Xylenes

Concen: 8.944 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044125.D

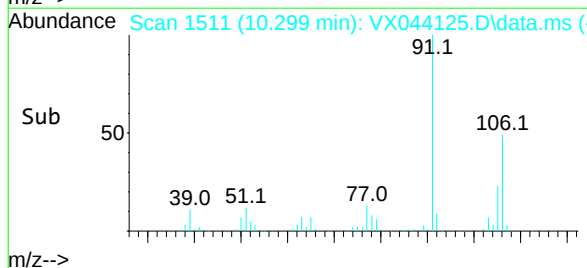
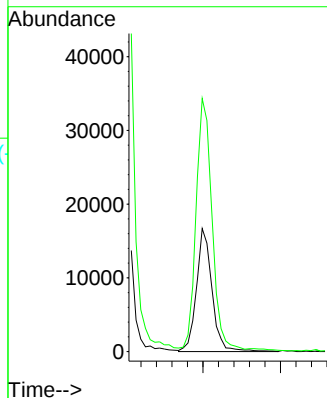
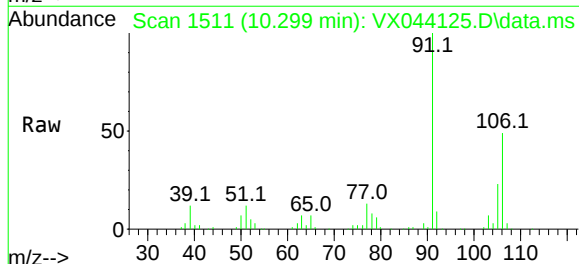
Acq: 04 Dec 2024 18:25

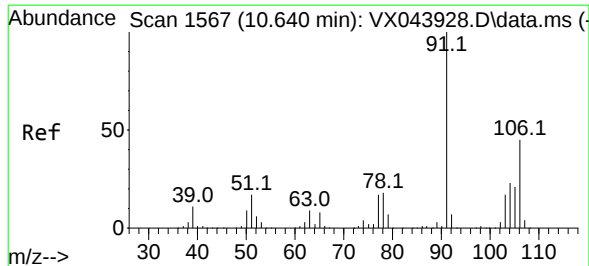
Tgt Ion: 106 Resp: 23284

Ion Ratio Lower Upper

106 100

91 206.3 168.1 252.1





#69

o-Xylene

Concen: 10.526 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044125.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

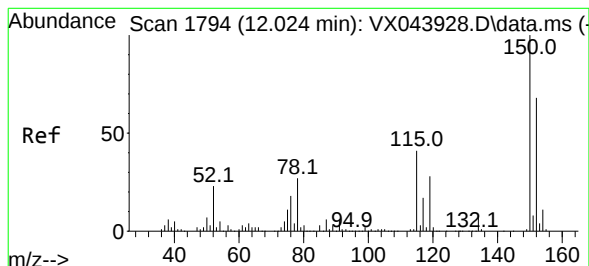
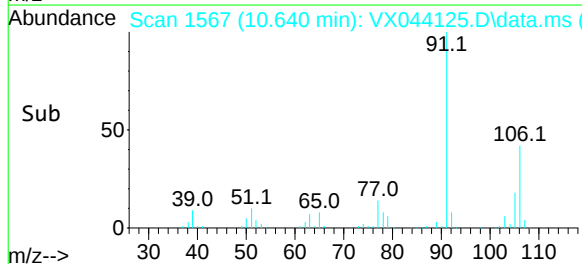
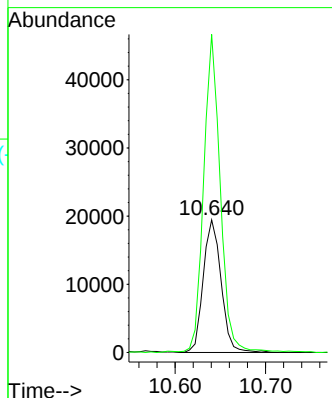
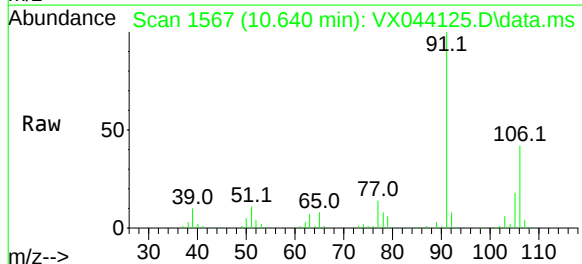
SPLP-C11-3RE

Tgt Ion:106 Resp: 26756

Ion Ratio Lower Upper

106 100

91 224.2 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044125.D

Acq: 04 Dec 2024 18:25

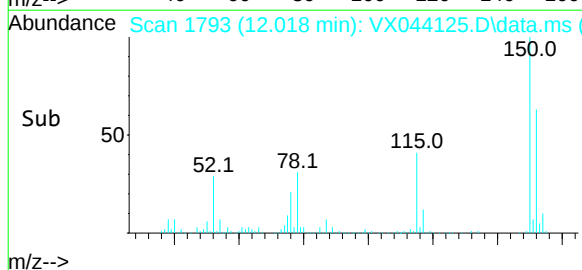
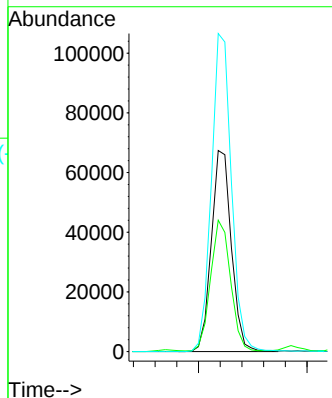
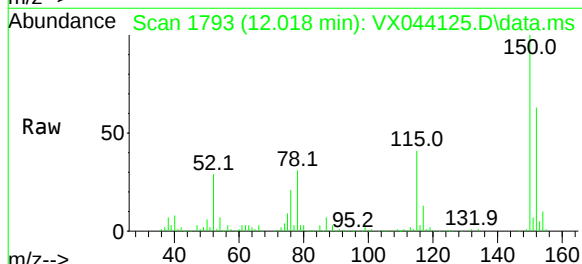
Tgt Ion:152 Resp: 86376

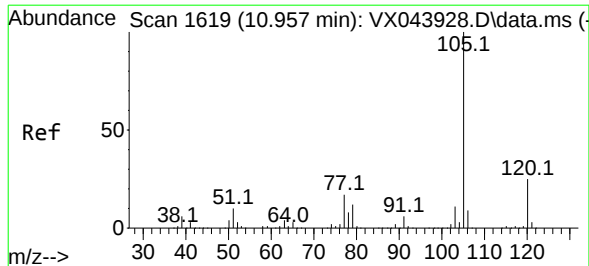
Ion Ratio Lower Upper

152 100

115 64.5 45.4 136.2

150 158.3 0.0 353.0





#73

Isopropylbenzene

Concen: 4.284 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044125.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

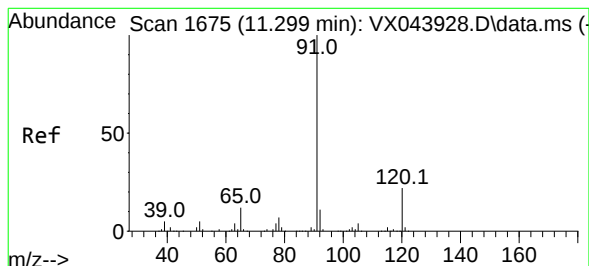
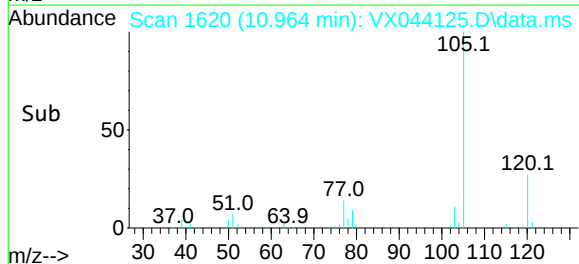
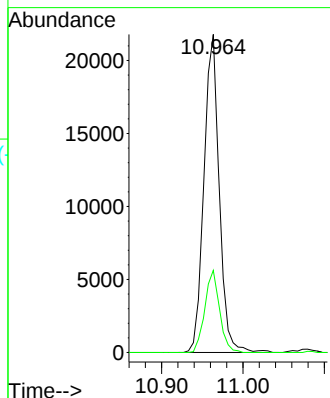
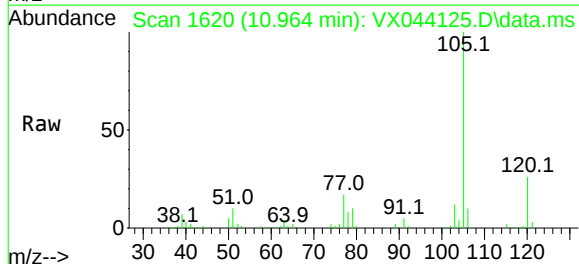
SPLP-C11-3RE

Tgt Ion: 105 Resp: 28446

Ion Ratio Lower Upper

105 100

120 24.9 13.0 38.9



#78

n-propylbenzene

Concen: 1.946 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044125.D

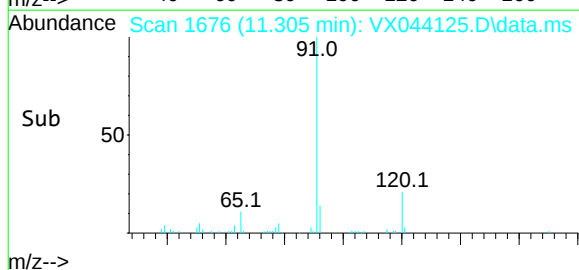
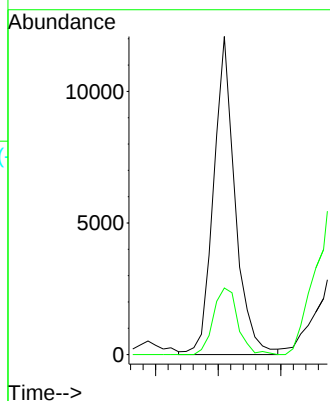
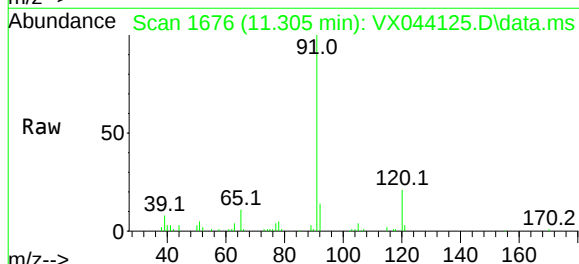
Acq: 04 Dec 2024 18:25

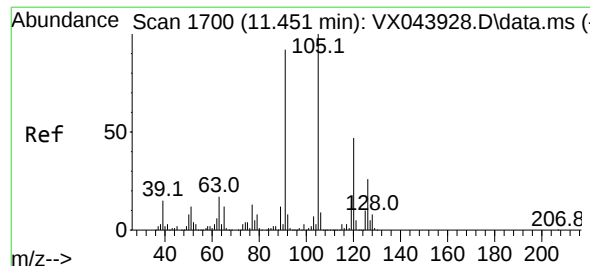
Tgt Ion: 91 Resp: 14431

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 4.676 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044125.D

Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

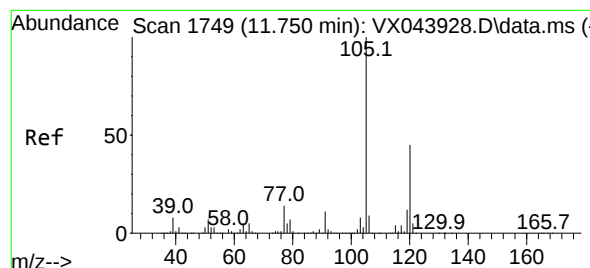
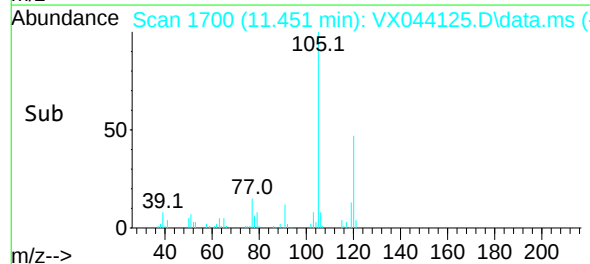
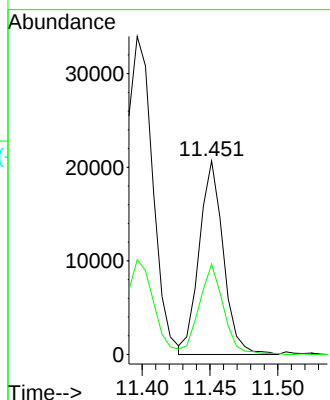
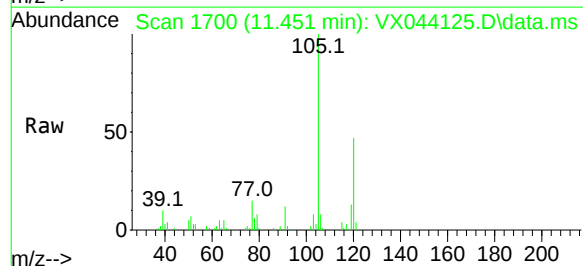
SPLP-C11-3RE

Tgt Ion:105 Resp: 25543

Ion Ratio Lower Upper

105 100

120 47.0 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 17.636 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044125.D

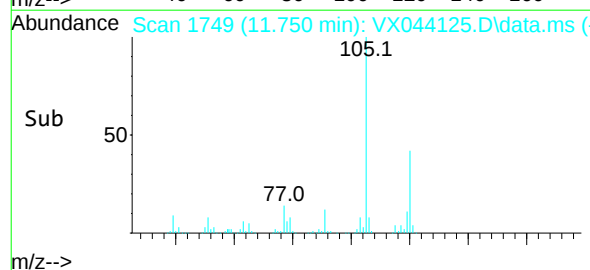
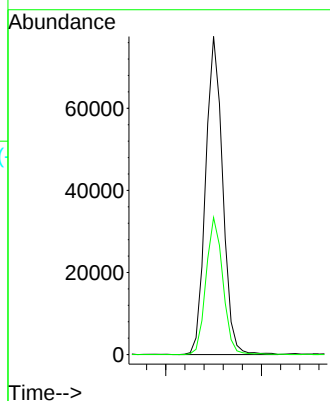
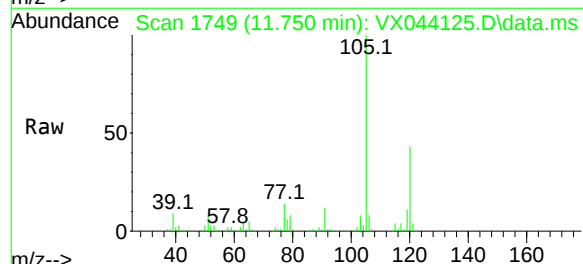
Acq: 04 Dec 2024 18:25

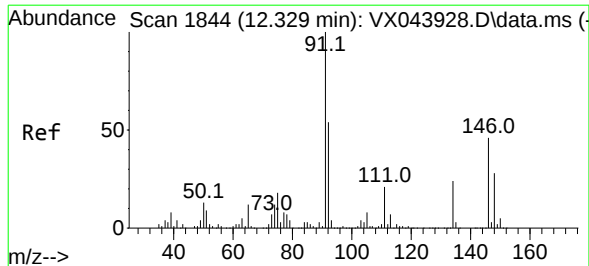
Tgt Ion:105 Resp: 95911

Ion Ratio Lower Upper

105 100

120 42.6 21.9 65.7





#89

n-Butylbenzene

Concen: 1.146 ug/l

RT: 12.317 min Scan# 1844

Delta R.T. -0.012 min

Lab File: VX044125.D

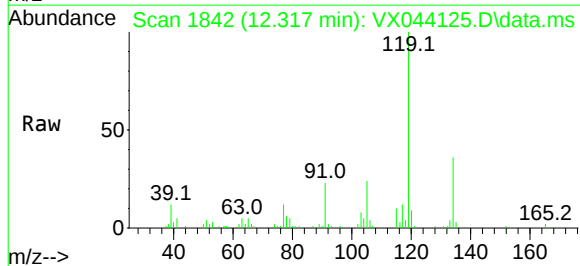
Acq: 04 Dec 2024 18:25

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C11-3RE



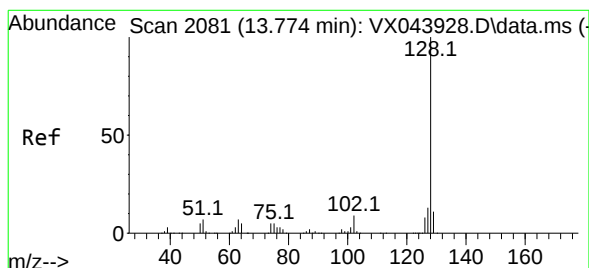
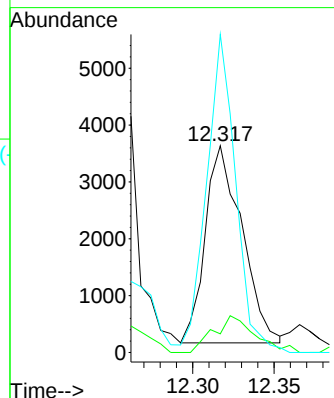
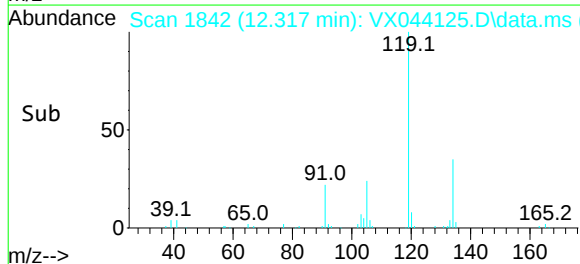
Tgt Ion: 91 Resp: 5444

Ion Ratio Lower Upper

91 100

92 20.9 26.6 79.8#

134 127.8 12.4 37.2#



#95

Naphthalene

Concen: 758.719 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044125.D

Acq: 04 Dec 2024 18:25

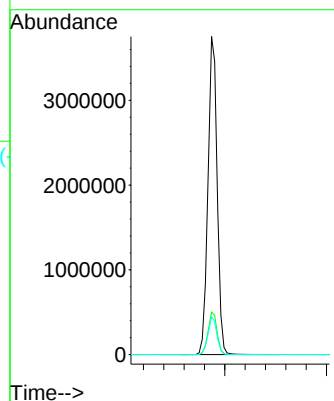
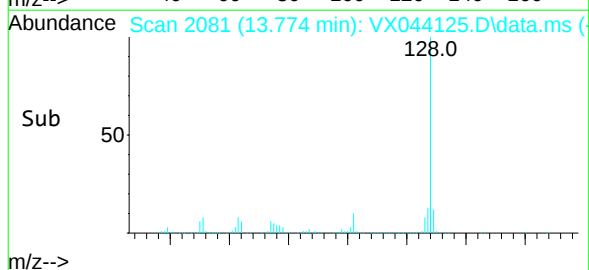
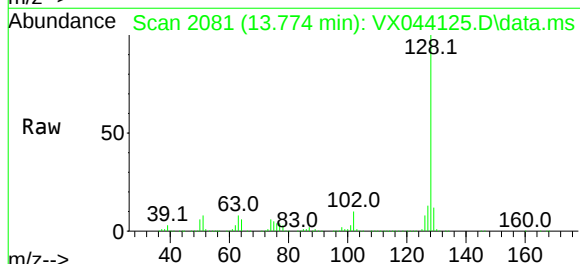
Tgt Ion: 128 Resp: 4687643

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.4 8.6 12.8



Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C12-1		SDG No.:	P5006	
Lab Sample ID:	P5006-15		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044103.D	1		12/03/24 19:09	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	31.7		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	2.60	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.20	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	2.50	J	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-1	SDG No.:	P5006
Lab Sample ID:	P5006-15	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044103.D	1		12/03/24 19:09	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	21.4		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	6.50	J	0.31	10.0	ug/L
95-47-6	o-Xylene	7.90		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	2.00	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	33.6	*	70 (75) - 130 (124)	67%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.8		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	109000	5.544			
540-36-3	1,4-Difluorobenzene	218000	6.757			
3114-55-4	Chlorobenzene-d5	193000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	90000	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C12-1		SDG No.:	P5006	
Lab Sample ID:	P5006-15		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044103.D	1		12/03/24 19:09	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044103.D
 Acq On : 03 Dec 2024 19:09
 Operator : JC/MD
 Sample : P5006-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C12-1

Quant Time: Dec 04 00:15:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

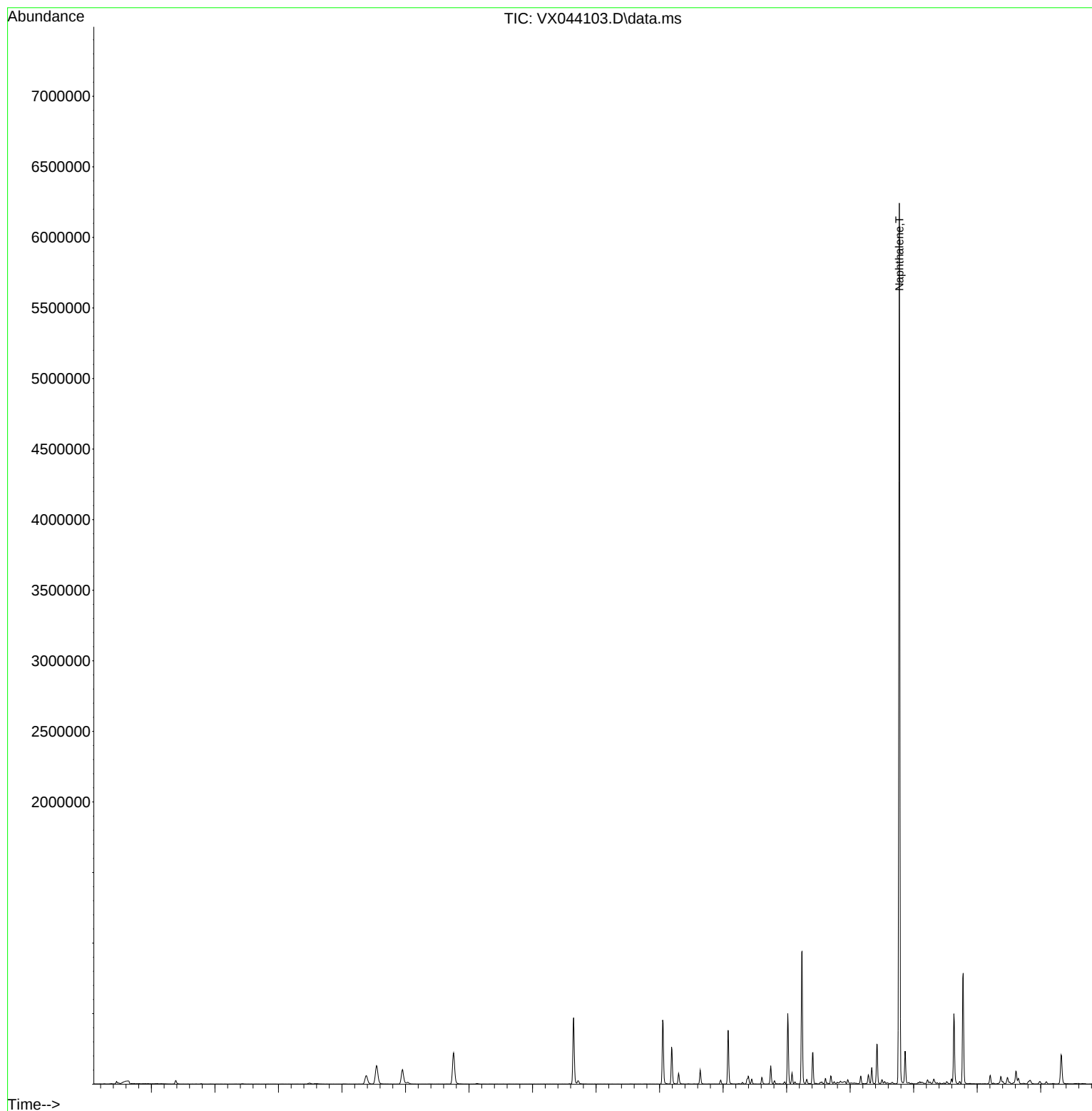
Internal Standards						
1) Pentafluorobenzene	5.544	168	109453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	218071	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	193451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	89950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100954	53.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.560%			
35) Dibromofluoromethane	5.385	113	52285	33.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 67.100%#			
50) Toluene-d8	8.647	98	270384	50.338	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	11.079	95	96584	52.835	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.680%			
Target Compounds						
16) Acetone	2.386	43	27317	31.682	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	4252	2.642	ug/l	80
40) Benzene	6.031	78	13245	2.190	ug/l	94
52) Toluene	8.720	92	8980	2.481	ug/l	97
67) Ethyl Benzene	10.189	91	154342	21.438	ug/l	99
68) m/p-Xylenes	10.299	106	17341	6.459	ug/l	100
69) o-Xylene	10.640	106	20660	7.881	ug/l	99
73) Isopropylbenzene	10.963	105	14094	2.038	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	14658	2.577	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	53435	9.435	ug/l	98
95) Naphthalene	13.774	128	3375861	524.690	ug/l	99

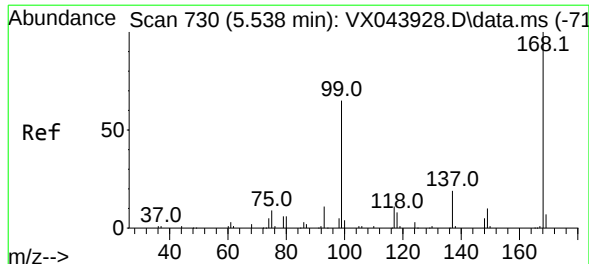
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044103.D
Acq On : 03 Dec 2024 19:09
Operator : JC/MD
Sample : P5006-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-1

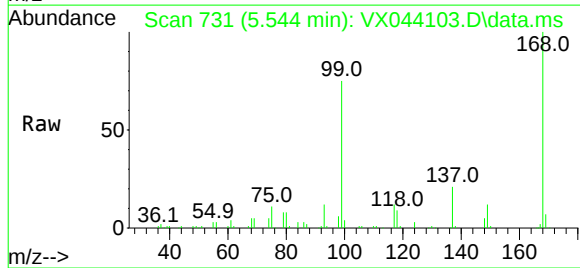
Quant Time: Dec 04 00:15:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



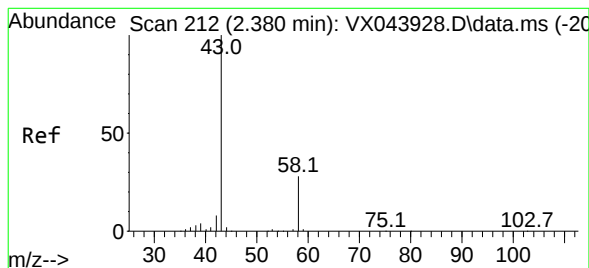
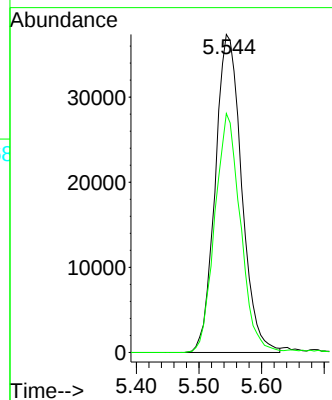
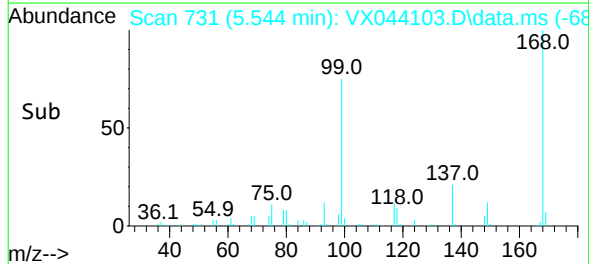


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044103.D
Acq: 03 Dec 2024 19:09

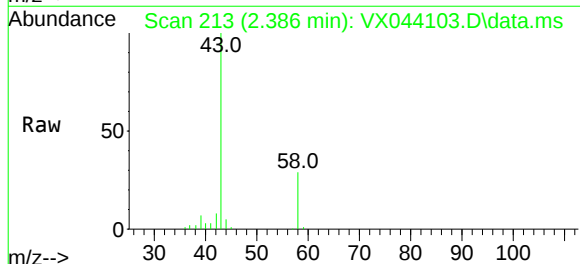
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-1



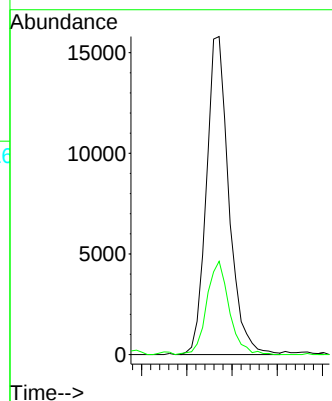
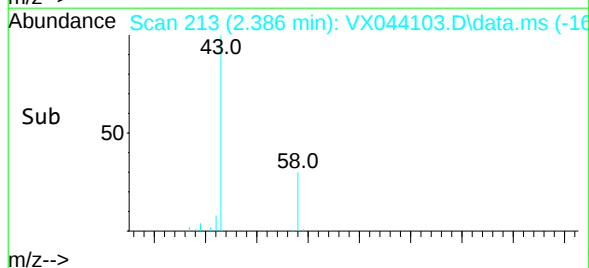
Tgt Ion: 168 Resp: 109453
Ion Ratio Lower Upper
168 100
99 75.1 51.8 77.8

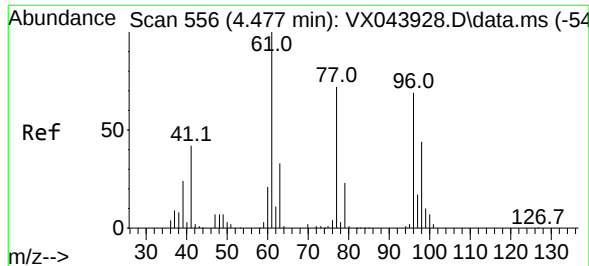


#16
Acetone
Concen: 31.682 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044103.D
Acq: 03 Dec 2024 19:09



Tgt Ion: 43 Resp: 27317
Ion Ratio Lower Upper
43 100
58 29.3 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 2.642 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.000 min

Lab File: VX044103.D

Acq: 03 Dec 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-1

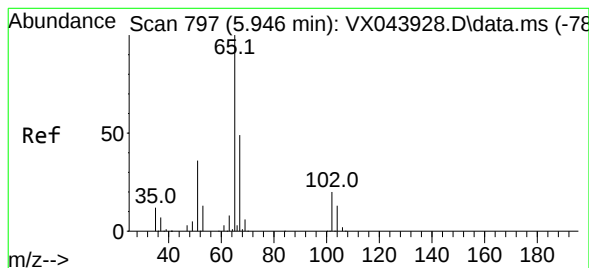
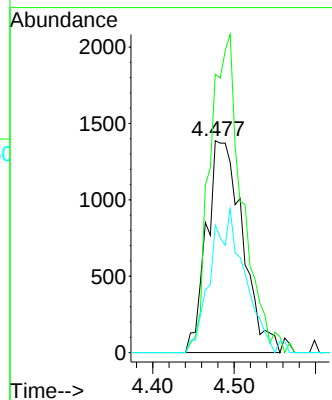
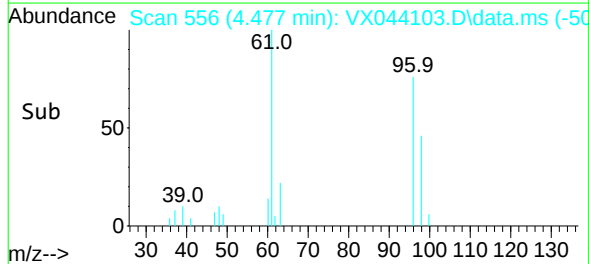
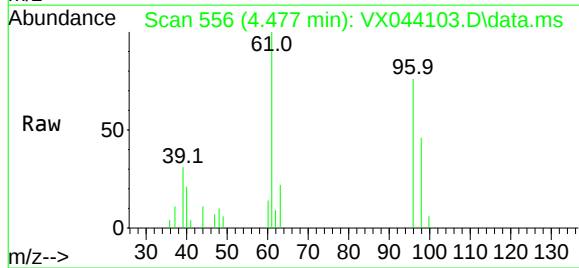
Tgt Ion: 96 Resp: 4252

Ion Ratio Lower Upper

96 100

61 135.2 0.0 297.4

98 30.5 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 53.776 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044103.D

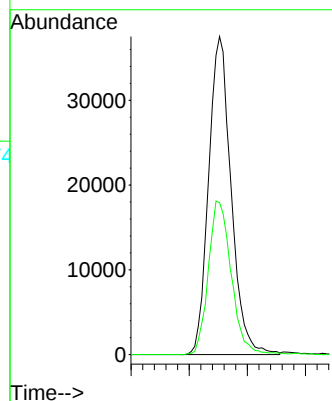
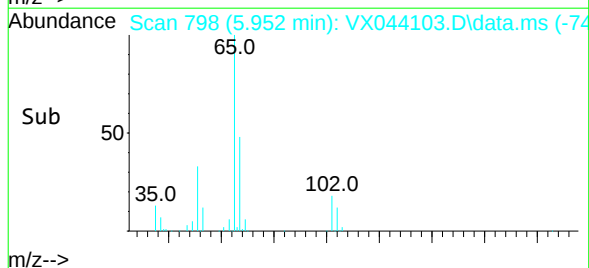
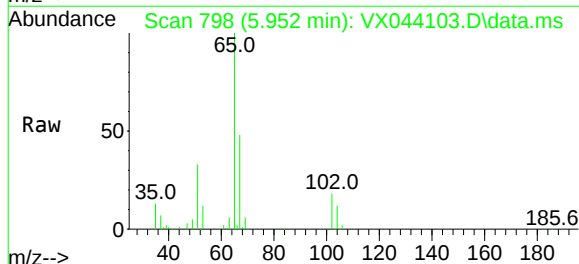
Acq: 03 Dec 2024 19:09

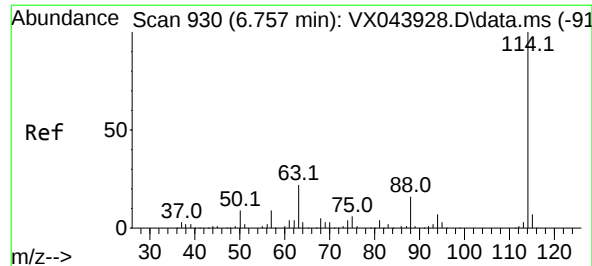
Tgt Ion: 65 Resp: 100954

Ion Ratio Lower Upper

65 100

67 49.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044103.D

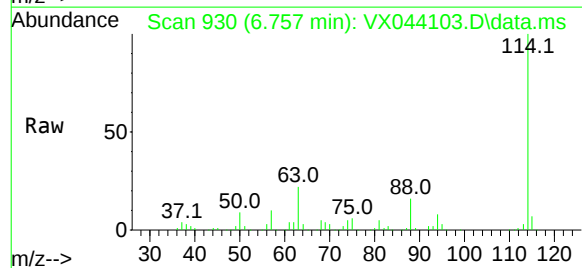
Acq: 03 Dec 2024 19:09

Instrument :

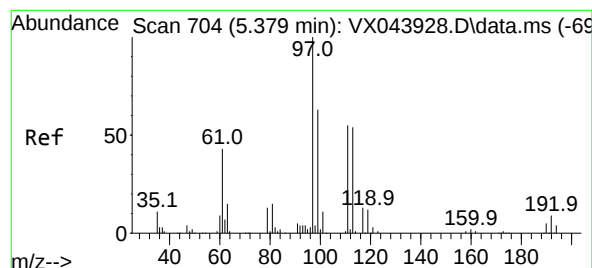
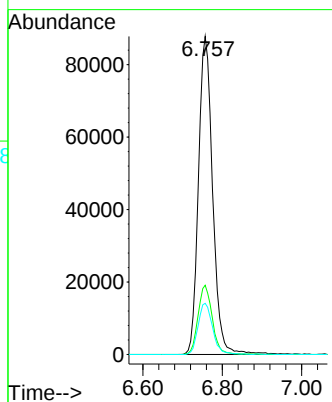
MSVOA_X

ClientSampleId :

SPLP-C12-1



Tgt Ion:	114	Resp:	218071
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	44.0
88	16.1	0.0	32.4



#35

Dibromofluoromethane

Concen: 33.554 ug/l

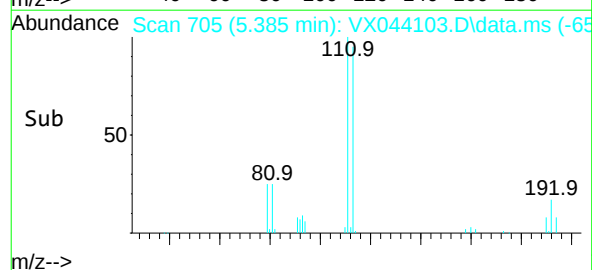
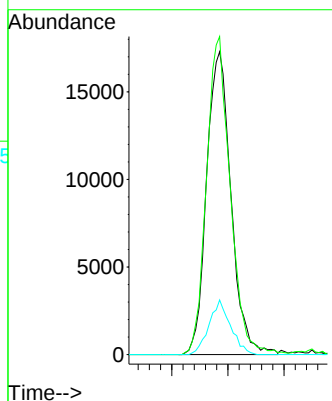
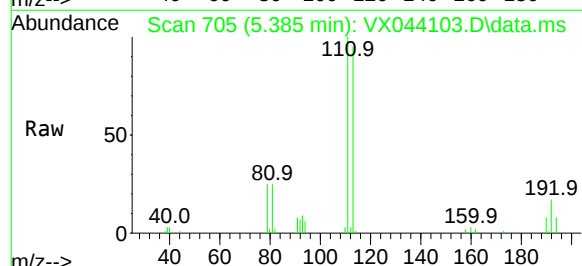
RT: 5.385 min Scan# 705

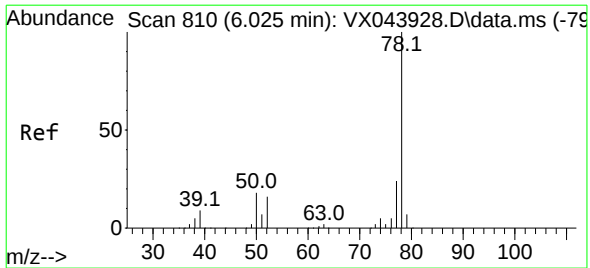
Delta R.T. 0.006 min

Lab File: VX044103.D

Acq: 03 Dec 2024 19:09

Tgt Ion:	113	Resp:	52285
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.4
192	15.9	13.0	19.6





#40

Benzene

Concen: 2.190 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044103.D

Acq: 03 Dec 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

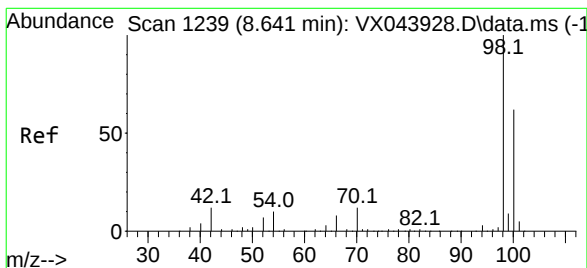
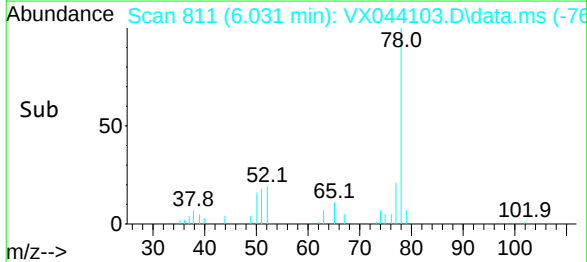
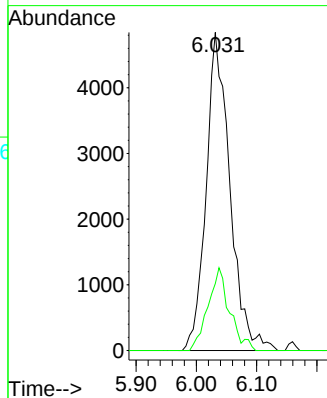
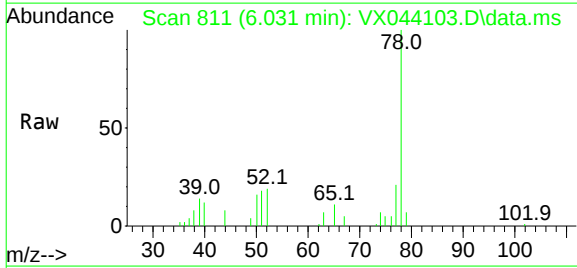
SPLP-C12-1

Tgt Ion: 78 Resp: 13245

Ion Ratio Lower Upper

78 100

77 21.0 19.2 28.8



#50

Toluene-d8

Concen: 50.338 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044103.D

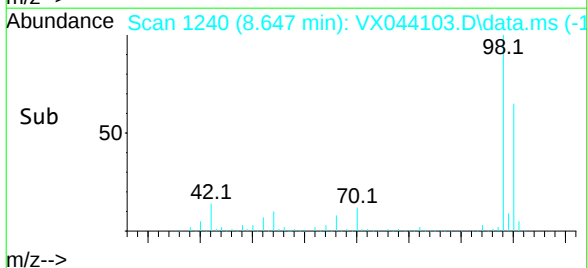
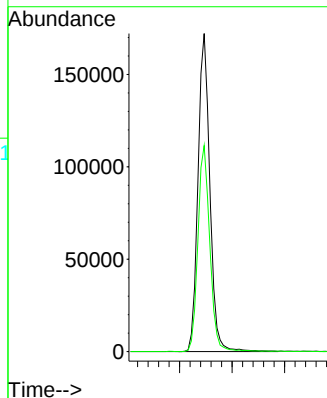
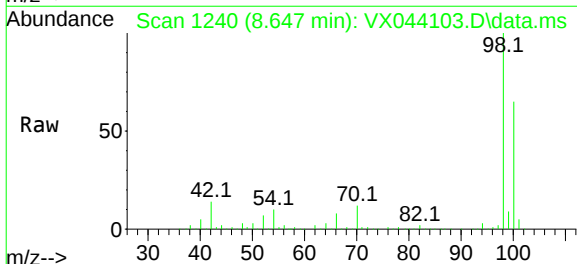
Acq: 03 Dec 2024 19:09

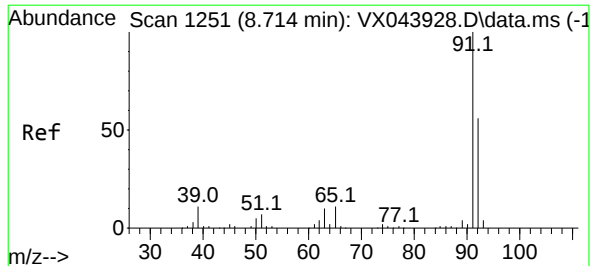
Tgt Ion: 98 Resp: 270384

Ion Ratio Lower Upper

98 100

100 65.0 52.6 79.0





#52

Toluene

Concen: 2.481 ug/l

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX044103.D

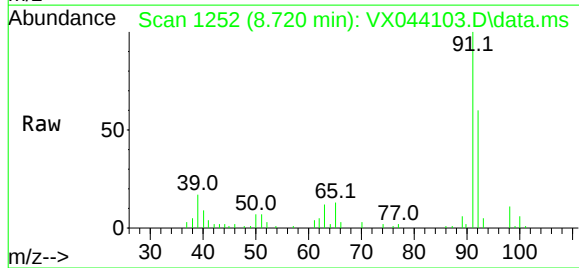
Acq: 03 Dec 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-1

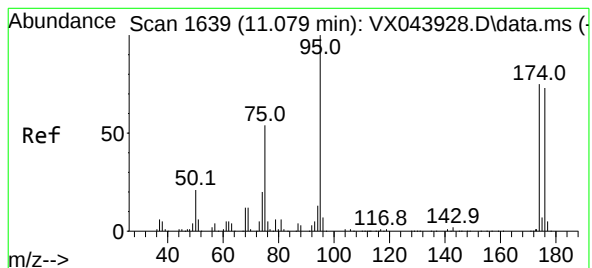
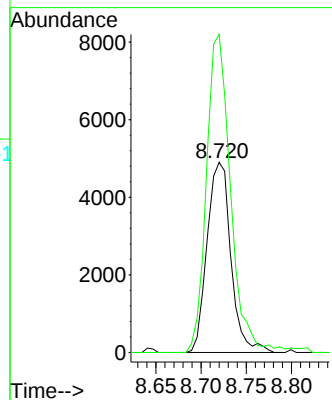
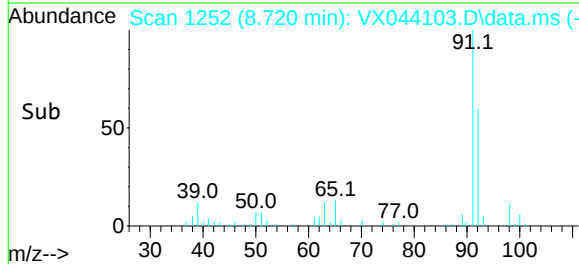


Tgt Ion: 92 Resp: 8980

Ion Ratio Lower Upper

92 100

91 170.1 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 52.835 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044103.D

Acq: 03 Dec 2024 19:09

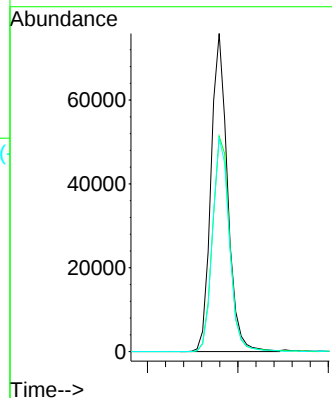
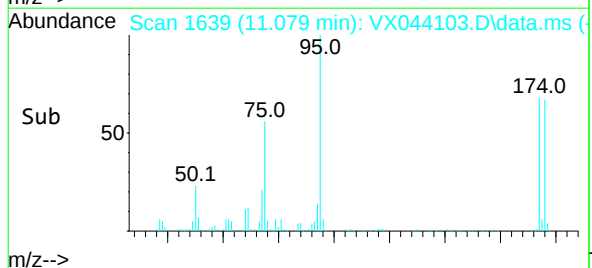
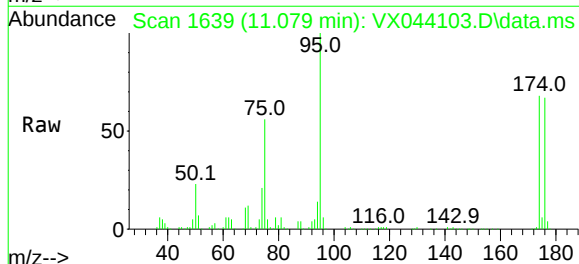
Tgt Ion: 95 Resp: 96584

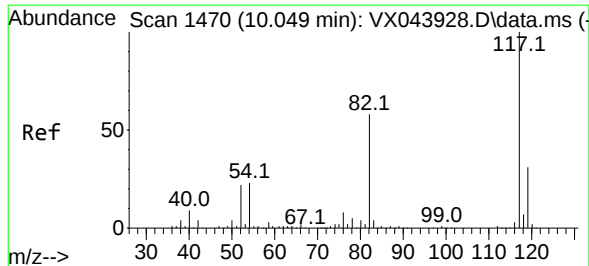
Ion Ratio Lower Upper

95 100

174 69.9 0.0 150.4

176 68.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044103.D

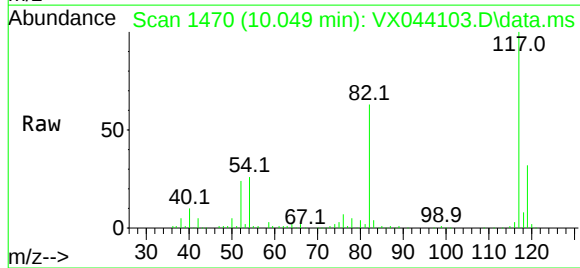
Acq: 03 Dec 2024 19:09

Instrument :

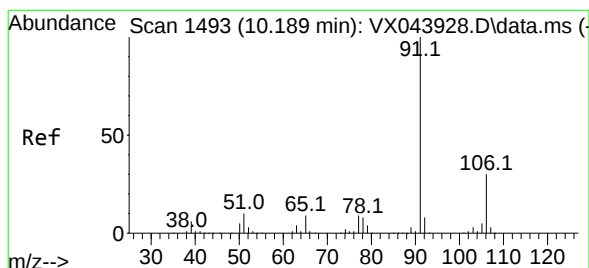
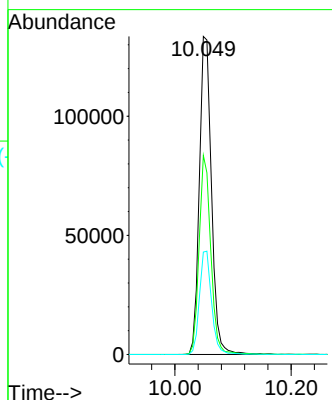
MSVOA_X

ClientSampleId :

SPLP-C12-1



Tgt Ion:	117	Resp:	193451
Ion	Ratio	Lower	Upper
117	100		
82	62.6	46.4	69.6
119	32.2	24.6	37.0



#67

Ethyl Benzene

Concen: 21.438 ug/l

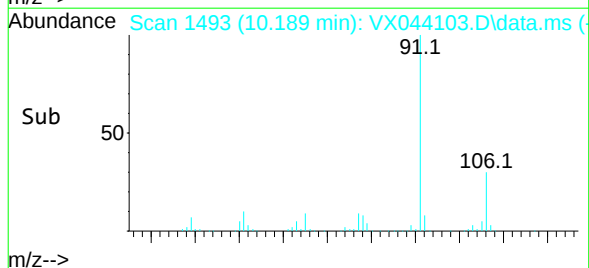
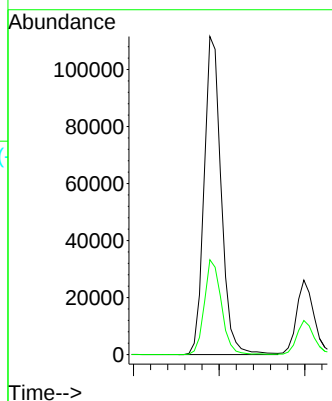
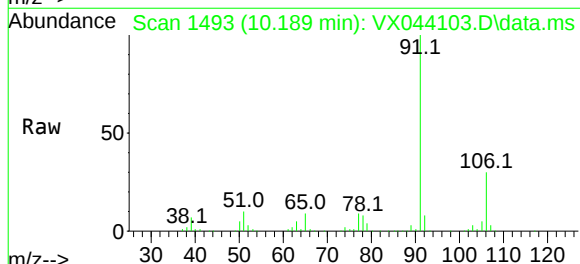
RT: 10.189 min Scan# 1493

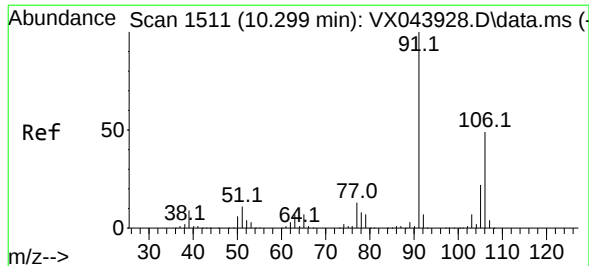
Delta R.T. -0.000 min

Lab File: VX044103.D

Acq: 03 Dec 2024 19:09

Tgt Ion:	91	Resp:	154342
Ion	Ratio	Lower	Upper
91	100		
106	29.8	23.6	35.4





#68

m/p-Xylenes

Concen: 6.459 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044103.D

Acq: 03 Dec 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

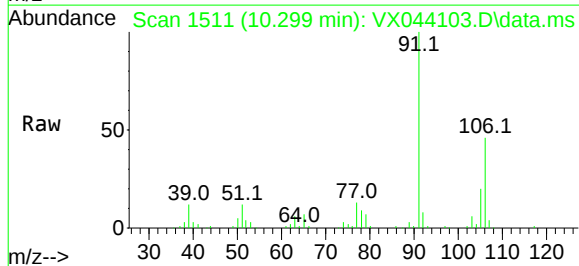
SPLP-C12-1

Tgt Ion:106 Resp: 17341

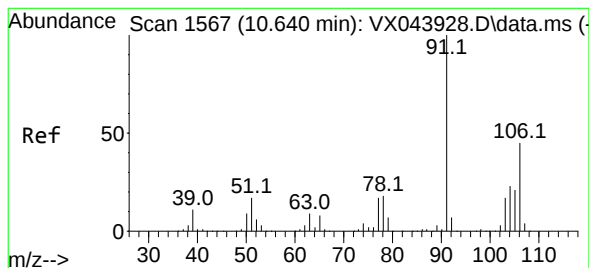
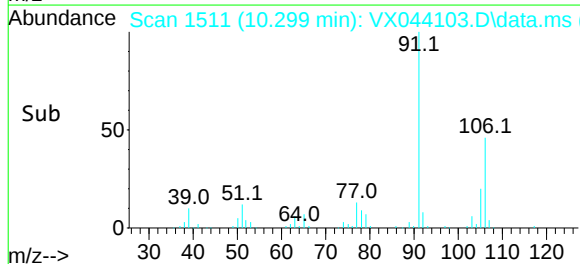
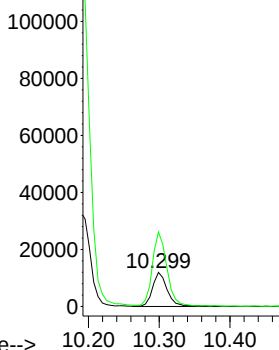
Ion Ratio Lower Upper

106 100

91 210.1 168.1 252.1



Abundance



#69

o-Xylene

Concen: 7.881 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044103.D

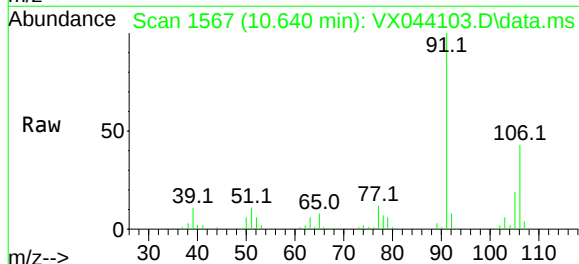
Acq: 03 Dec 2024 19:09

Tgt Ion:106 Resp: 20660

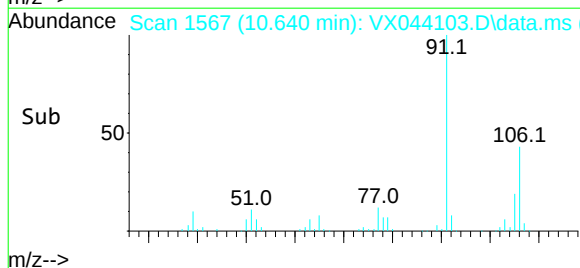
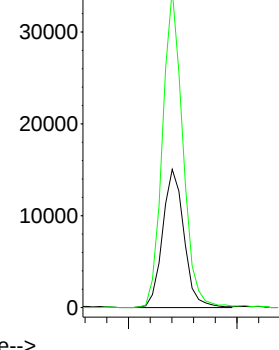
Ion Ratio Lower Upper

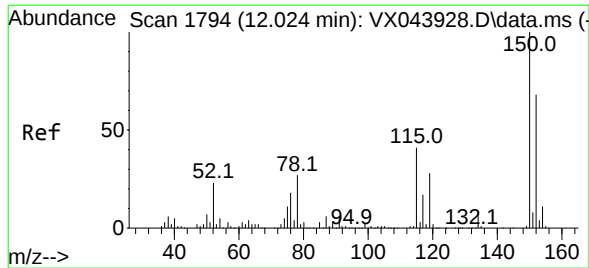
106 100

91 218.0 110.2 330.6



Abundance





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044103.D

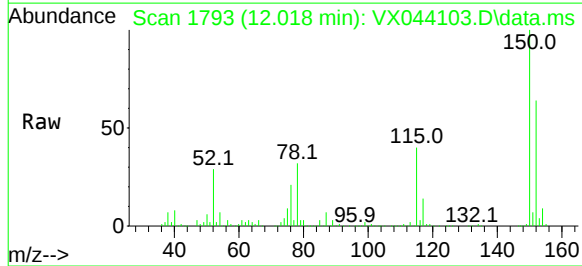
Acq: 03 Dec 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-1



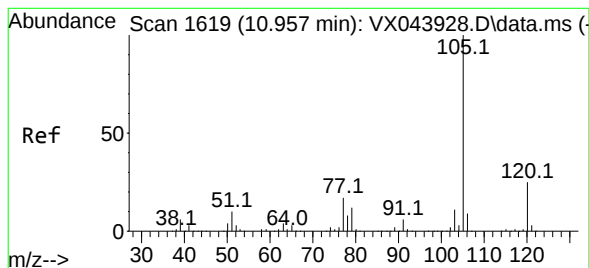
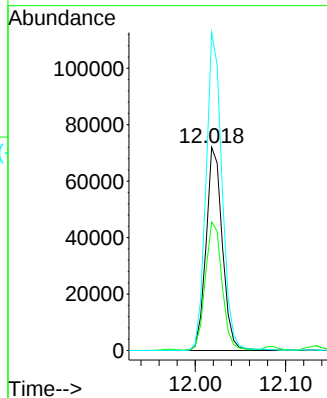
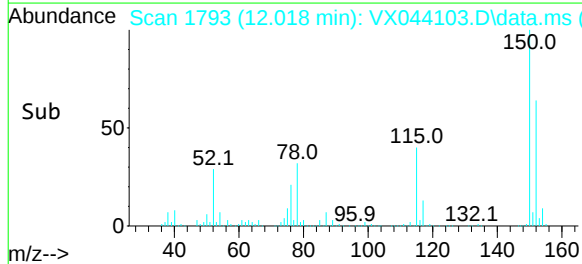
Tgt Ion:152 Resp: 89950

Ion Ratio Lower Upper

152 100

115 64.4 45.4 136.2

150 154.2 0.0 353.0



#73

Isopropylbenzene

Concen: 2.038 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044103.D

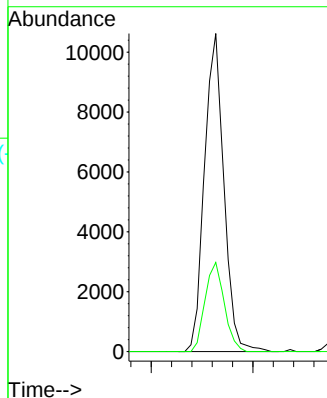
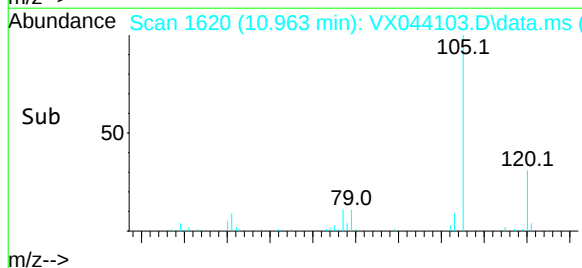
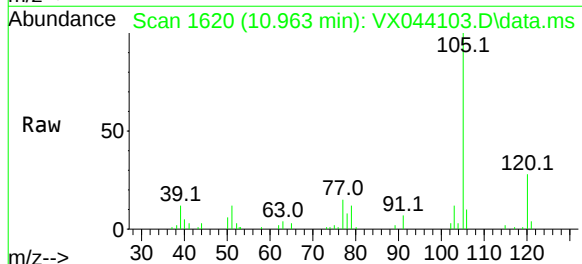
Acq: 03 Dec 2024 19:09

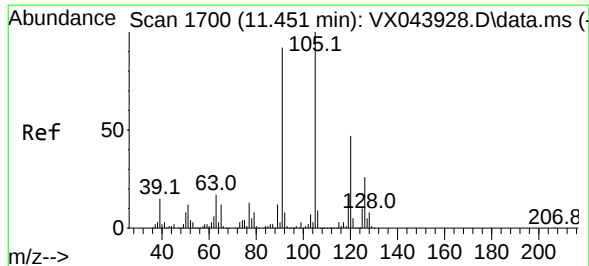
Tgt Ion:105 Resp: 14094

Ion Ratio Lower Upper

105 100

120 27.7 13.0 38.9





#80

1,3,5-Trimethylbenzene

Concen: 2.577 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044103.D

Acq: 03 Dec 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

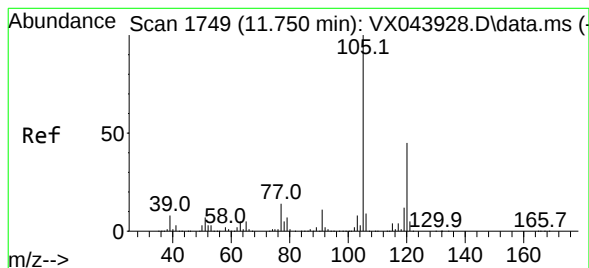
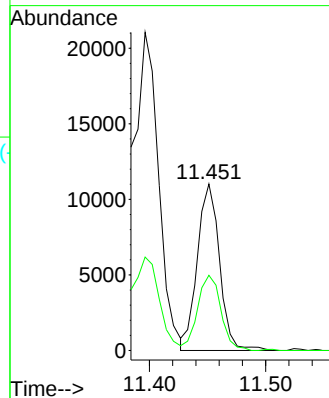
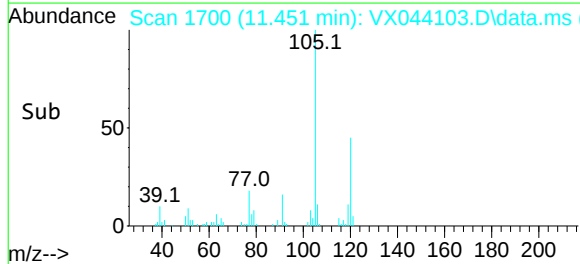
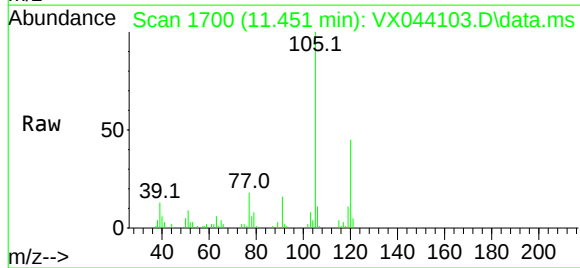
SPLP-C12-1

Tgt Ion:105 Resp: 14658

Ion Ratio Lower Upper

105 100

120 47.3 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 9.435 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044103.D

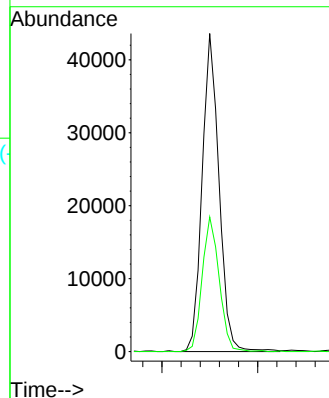
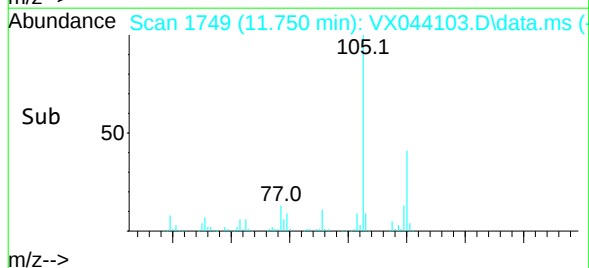
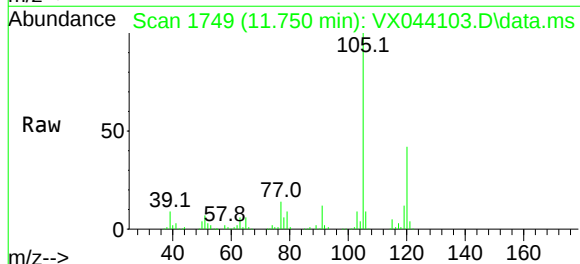
Acq: 03 Dec 2024 19:09

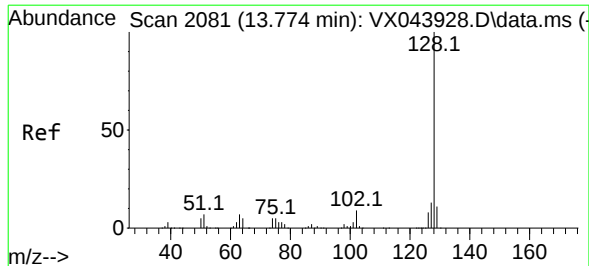
Tgt Ion:105 Resp: 53435

Ion Ratio Lower Upper

105 100

120 42.6 21.9 65.7





#95

Naphthalene

Concen: 524.690 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044103.D

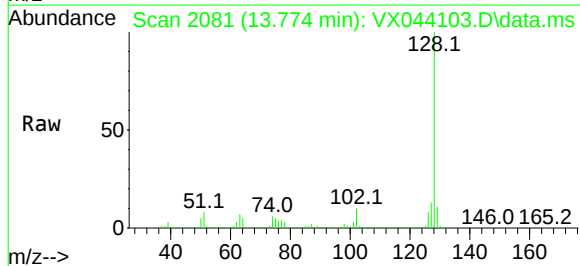
Acq: 03 Dec 2024 19:09

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-1



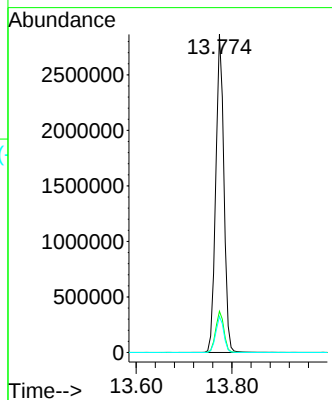
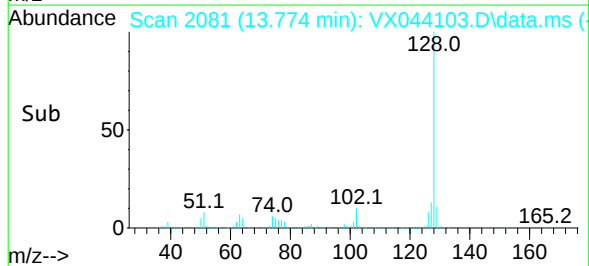
Tgt Ion:128 Resp: 3375861

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.2 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-1RE	SDG No.:	P5006
Lab Sample ID:	P5006-15RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044126.D	1		12/04/24 18:48	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	33.1		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	2.70	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	2.20	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	2.50	J	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-1RE	SDG No.:	P5006
Lab Sample ID:	P5006-15RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044126.D	1		12/04/24 18:48	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	21.4		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	6.20	J	0.31	10.0	ug/L
95-47-6	o-Xylene	7.40		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	2.20	J	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	32.3	*	70 (75) - 130 (124)	65%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	104000	5.544			
540-36-3	1,4-Difluorobenzene	209000	6.757			
3114-55-4	Chlorobenzene-d5	183000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	81700	12.024			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-1RE	SDG No.:	P5006
Lab Sample ID:	P5006-15RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044126.D	1		12/04/24 18:48	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044126.D
 Acq On : 04 Dec 2024 18:48
 Operator : JC/MD
 Sample : P5006-15RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C12-1RE

Quant Time: Dec 05 00:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

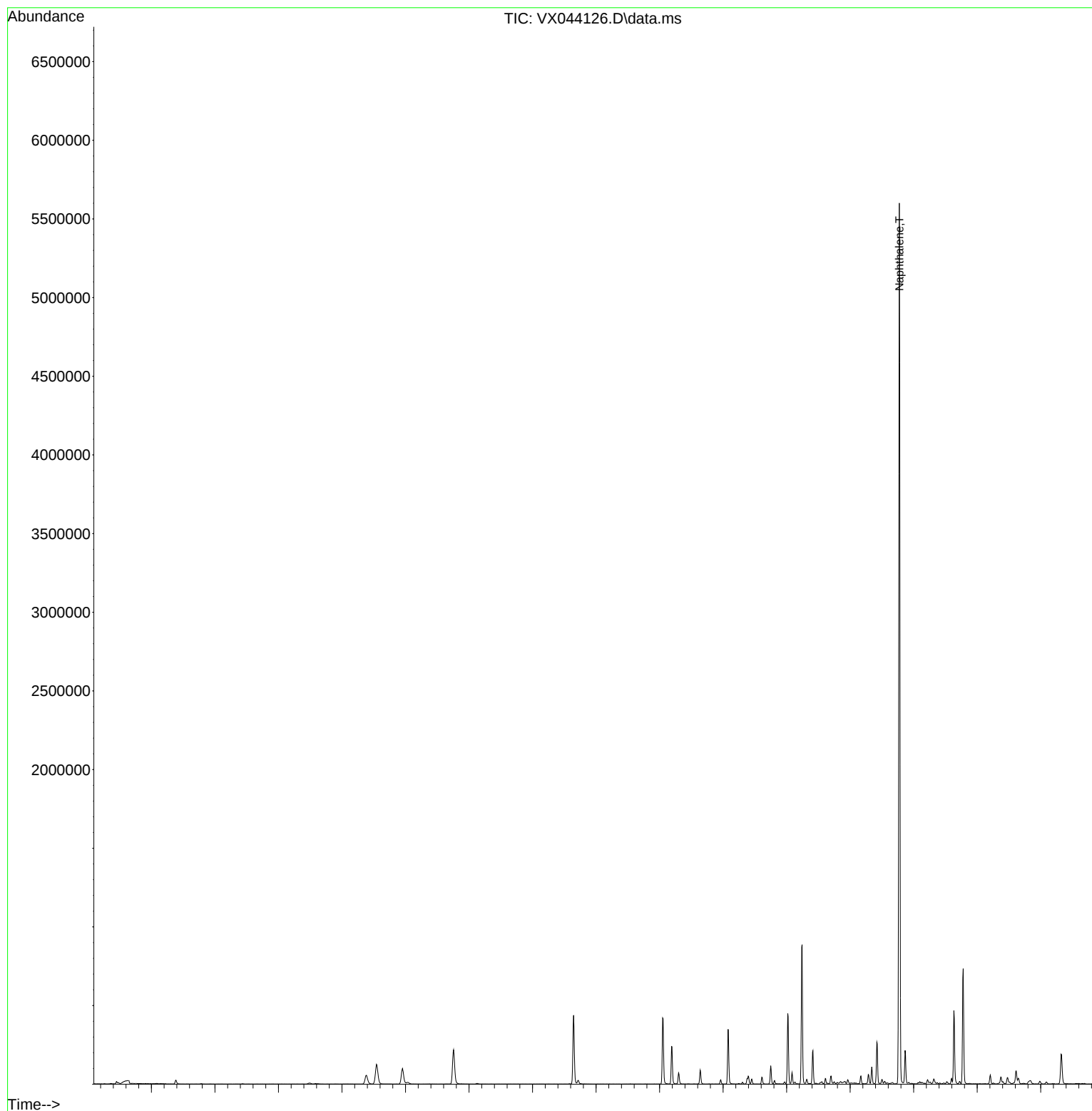
Internal Standards						
1) Pentafluorobenzene	5.544	168	103588	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	209292	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	183421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	81734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95700	53.864	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.720%			
35) Dibromofluoromethane	5.379	113	48314	32.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 64.620%#			
50) Toluene-d8	8.647	98	255282	49.520	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.040%			
62) 4-Bromofluorobenzene	11.079	95	89929	51.258	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.520%			
Target Compounds						
16) Acetone	2.386	43	27005	33.093	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	4077	2.676	ug/l	94
40) Benzene	6.037	78	12731	2.193	ug/l #	89
52) Toluene	8.714	92	8755	2.520	ug/l	91
67) Ethyl Benzene	10.189	91	146346	21.439	ug/l	98
68) m/p-Xylenes	10.299	106	15803	6.208	ug/l	93
69) o-Xylene	10.640	106	18334	7.376	ug/l	93
73) Isopropylbenzene	10.963	105	13666	2.175	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	13929	2.695	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	49188	9.558	ug/l	97
95) Naphthalene	13.774	128	3136784	536.539	ug/l	99

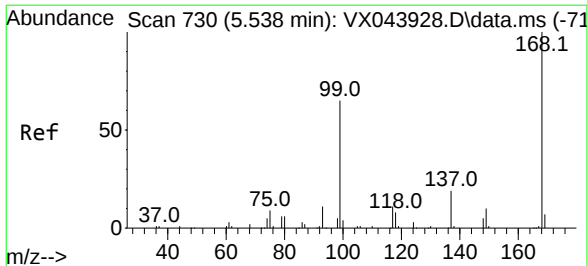
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044126.D
Acq On : 04 Dec 2024 18:48
Operator : JC/MD
Sample : P5006-15RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-1RE

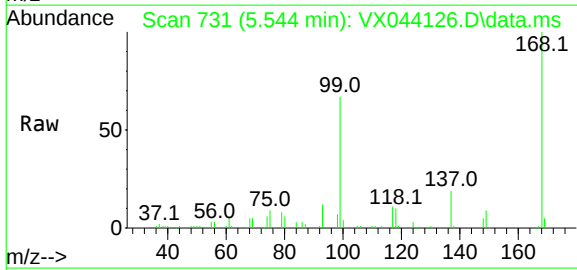
Quant Time: Dec 05 00:35:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



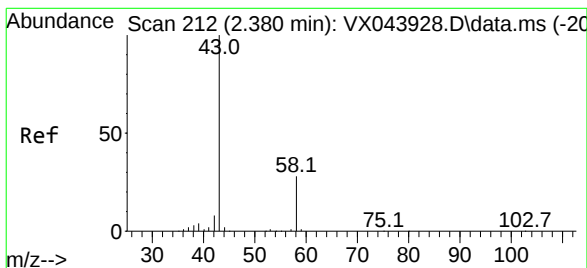
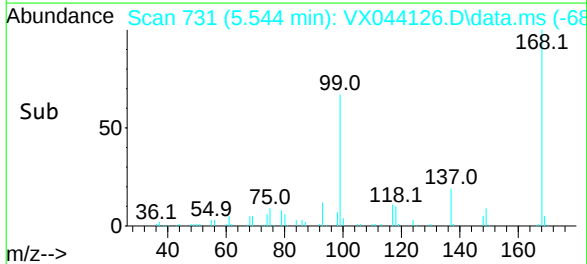
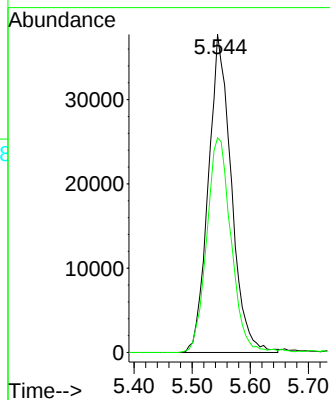


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 730
Delta R.T. 0.006 min
Lab File: VX044126.D
Acq: 04 Dec 2024 18:48

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-1RE

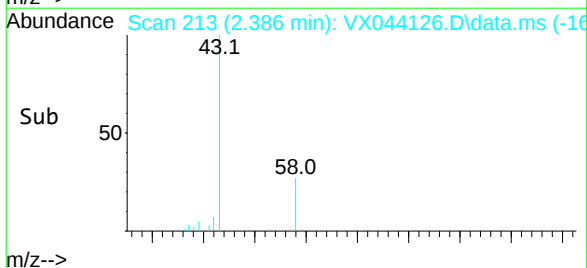
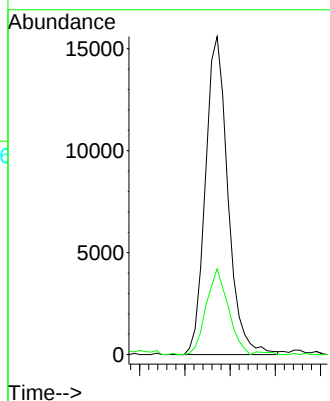
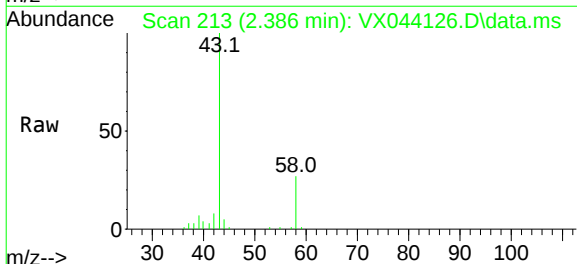


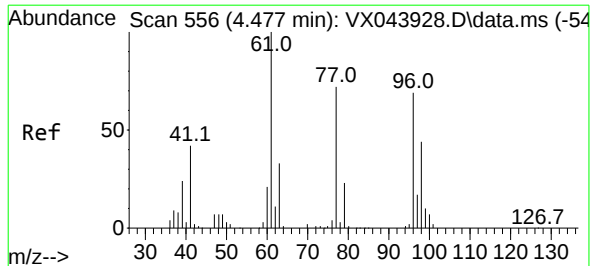
Tgt Ion: 168 Resp: 103588
Ion Ratio Lower Upper
168 100
99 67.5 51.8 77.8



#16
Acetone
Concen: 33.093 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044126.D
Acq: 04 Dec 2024 18:48

Tgt Ion: 43 Resp: 27005
Ion Ratio Lower Upper
43 100
58 27.0 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 2.676 ug/l

RT: 4.495 min Scan# 556

Delta R.T. 0.018 min

Lab File: VX044126.D

Acq: 04 Dec 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-1RE

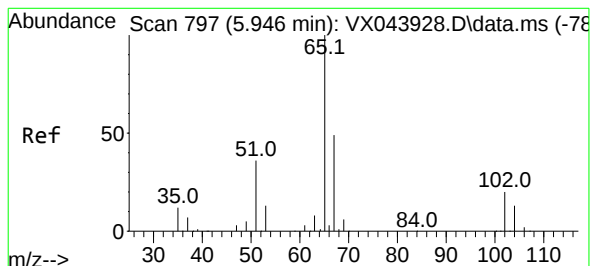
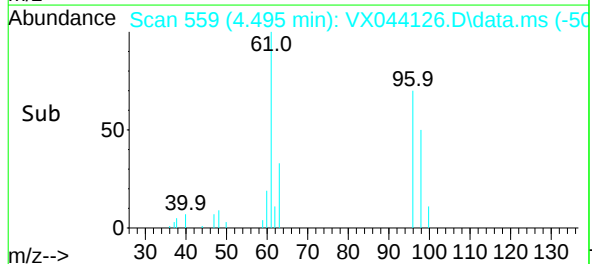
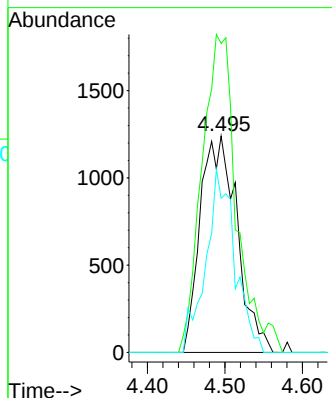
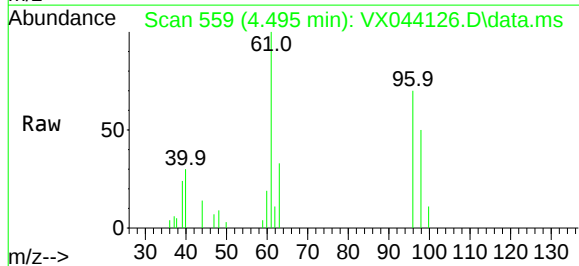
Tgt Ion: 96 Resp: 4077

Ion Ratio Lower Upper

96 100

61 139.3 0.0 297.4

98 67.0 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 53.864 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044126.D

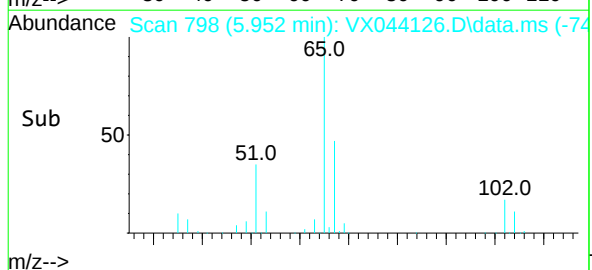
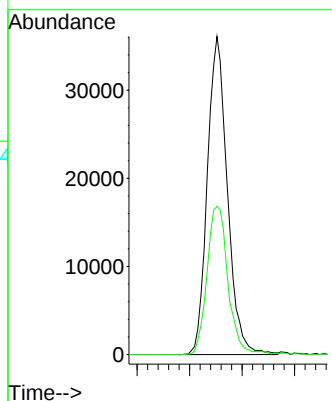
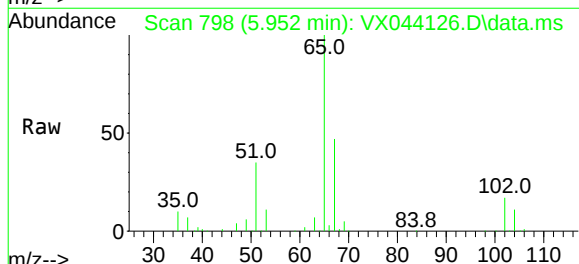
Acq: 04 Dec 2024 18:48

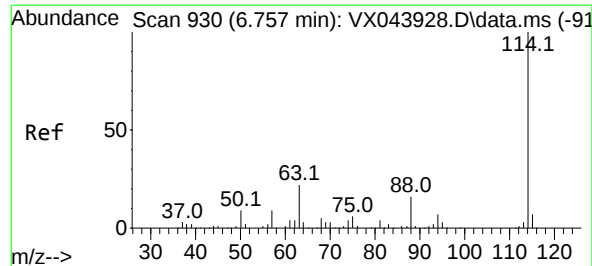
Tgt Ion: 65 Resp: 95700

Ion Ratio Lower Upper

65 100

67 48.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044126.D

Acq: 04 Dec 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-1RE

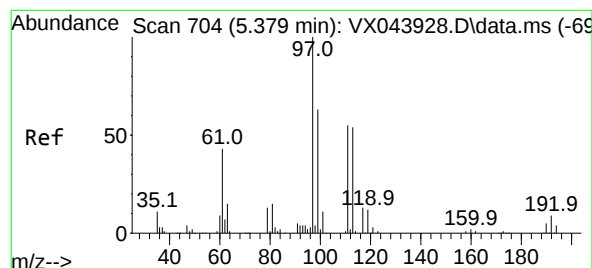
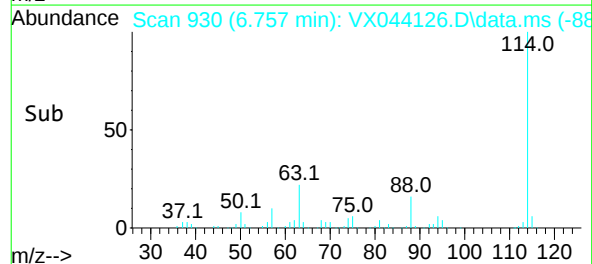
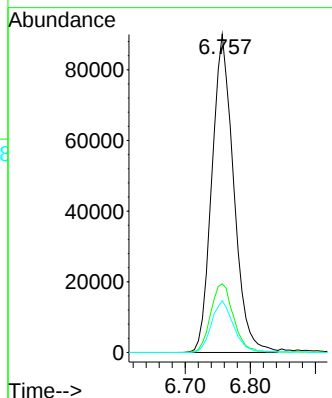
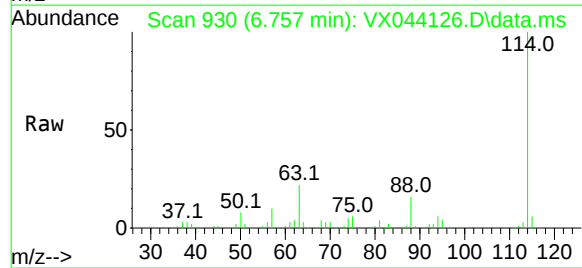
Tgt Ion:114 Resp: 209292

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.0

88 16.3 0.0 32.4



#35

Dibromofluoromethane

Concen: 32.306 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044126.D

Acq: 04 Dec 2024 18:48

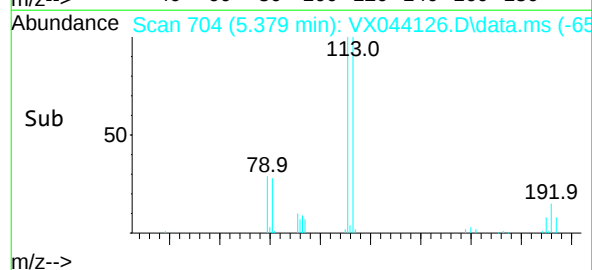
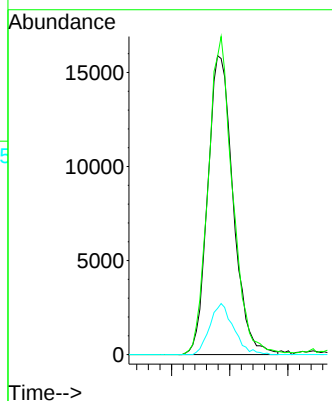
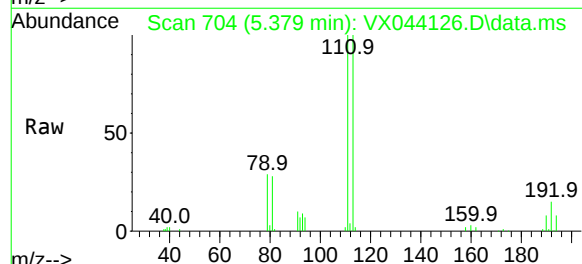
Tgt Ion:113 Resp: 48314

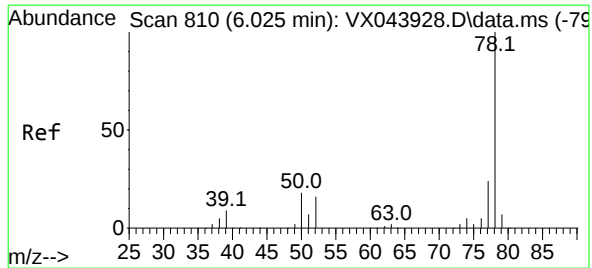
Ion Ratio Lower Upper

113 100

111 103.0 81.0 121.4

192 16.0 13.0 19.6





#40

Benzene

Concen: 2.193 ug/l

RT: 6.037 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044126.D

Acq: 04 Dec 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

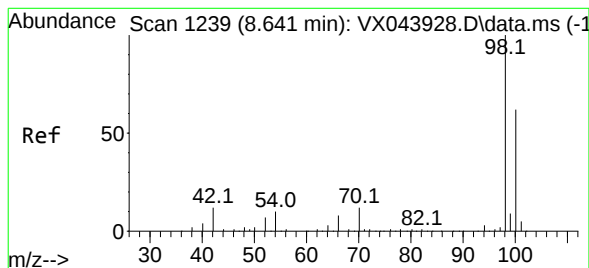
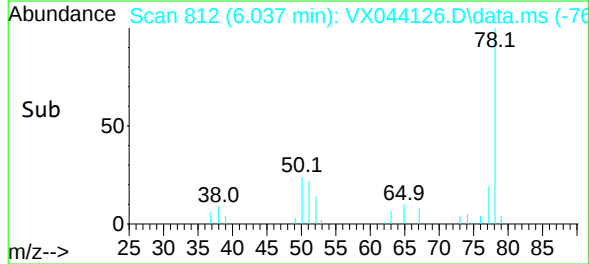
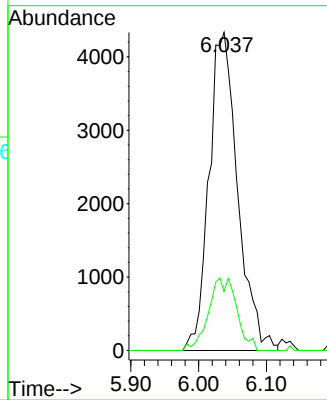
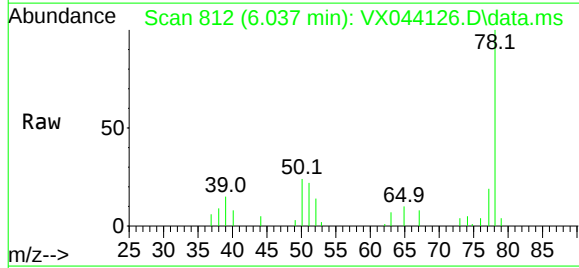
SPLP-C12-1RE

Tgt Ion: 78 Resp: 12731

Ion Ratio Lower Upper

78 100

77 18.6 19.2 28.8#



#50

Toluene-d8

Concen: 49.520 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044126.D

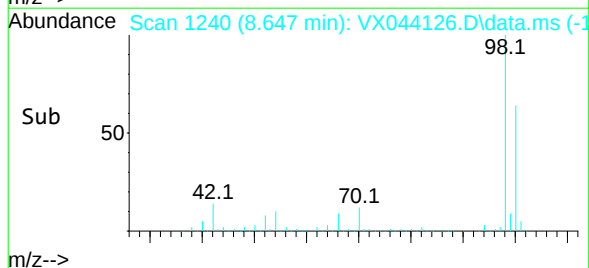
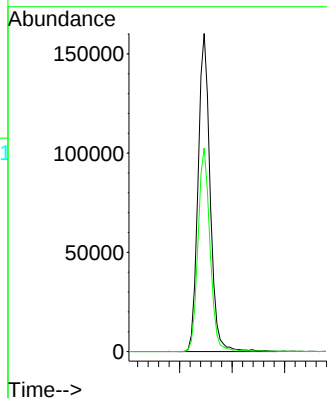
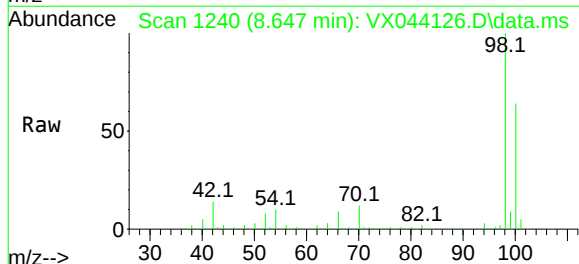
Acq: 04 Dec 2024 18:48

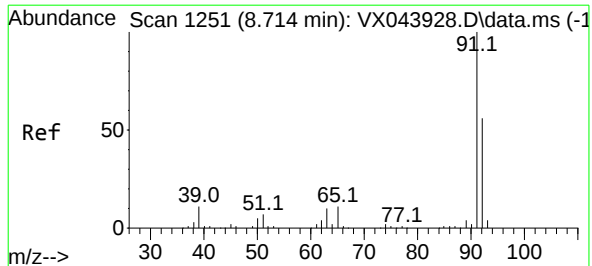
Tgt Ion: 98 Resp: 255282

Ion Ratio Lower Upper

98 100

100 63.7 52.6 79.0





#52

Toluene

Concen: 2.520 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044126.D

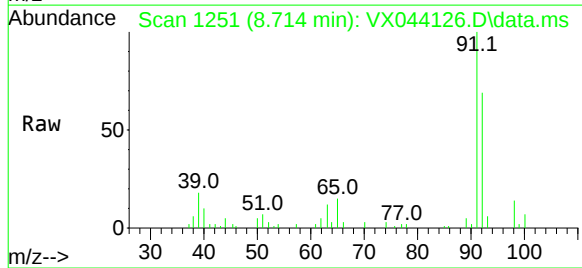
Acq: 04 Dec 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-1RE

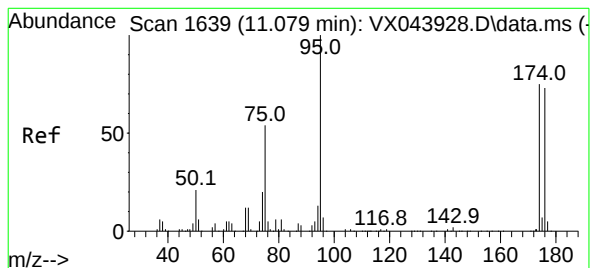
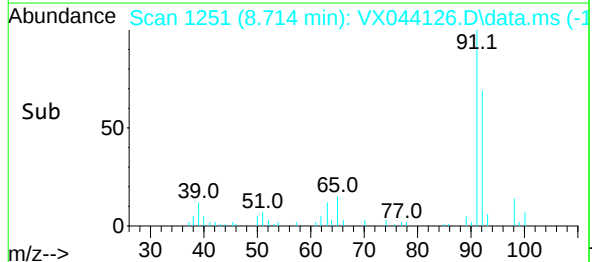
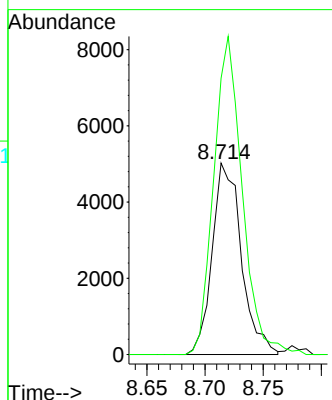


Tgt Ion: 92 Resp: 8755

Ion Ratio Lower Upper

92 100

91 162.5 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.258 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044126.D

Acq: 04 Dec 2024 18:48

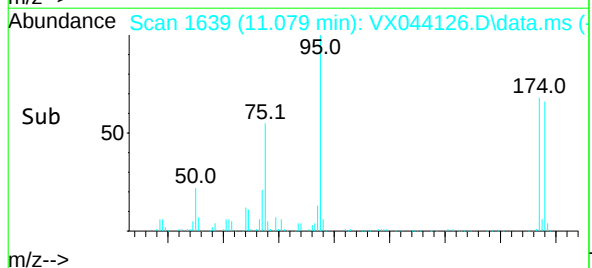
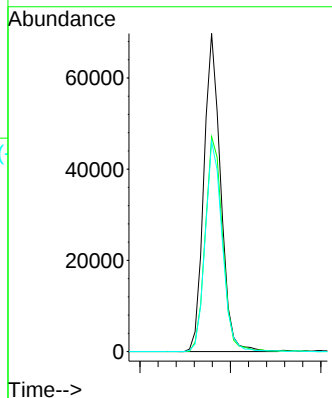
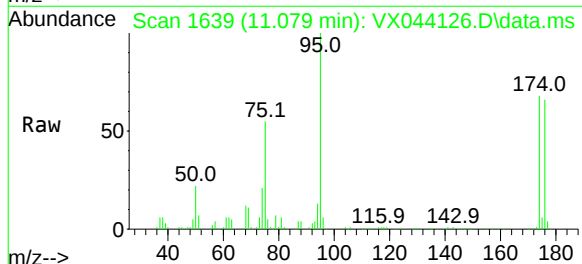
Tgt Ion: 95 Resp: 89929

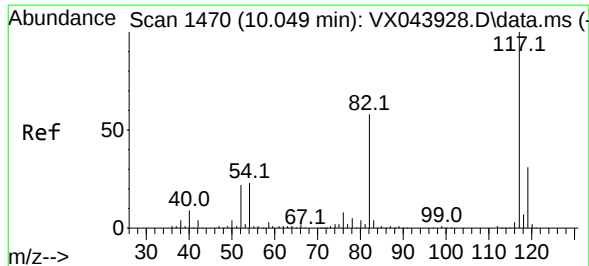
Ion Ratio Lower Upper

95 100

174 69.8 0.0 150.4

176 67.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044126.D

Acq: 04 Dec 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-1RE

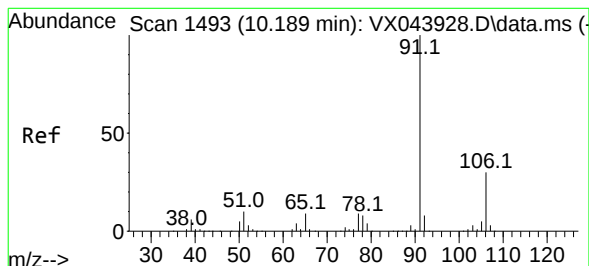
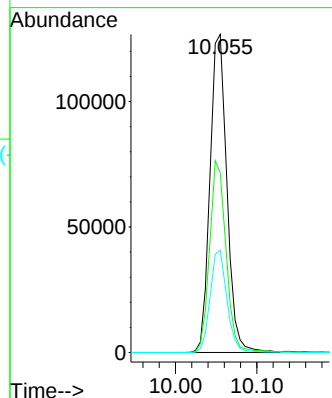
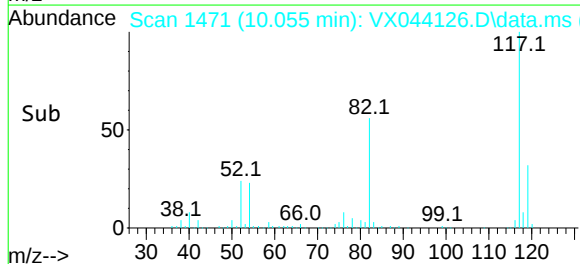
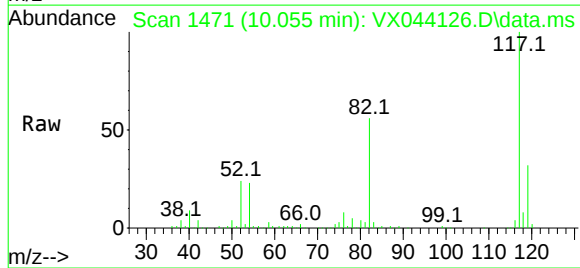
Tgt Ion: 117 Resp: 183421

Ion Ratio Lower Upper

117 100

82 56.5 46.4 69.6

119 32.1 24.6 37.0



#67

Ethyl Benzene

Concen: 21.439 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044126.D

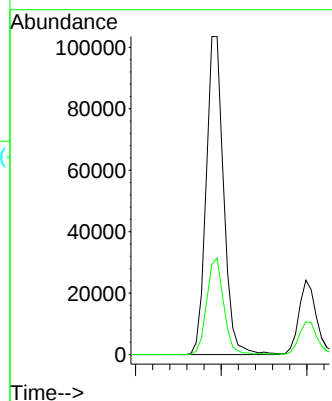
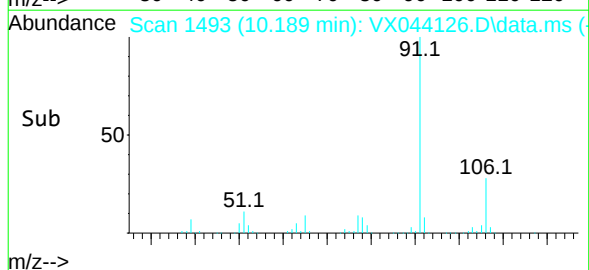
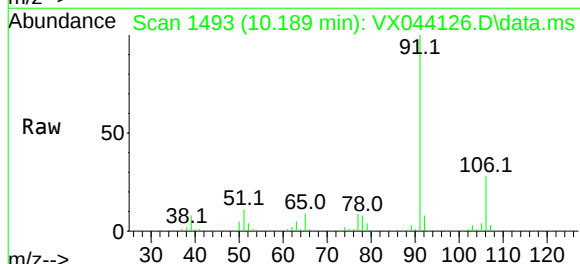
Acq: 04 Dec 2024 18:48

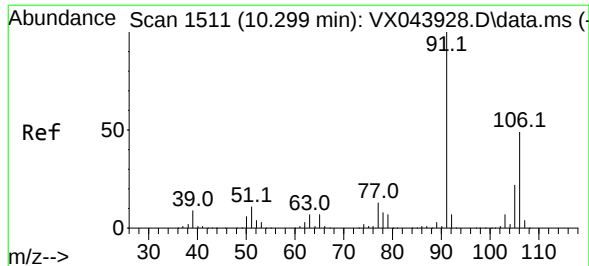
Tgt Ion: 91 Resp: 146346

Ion Ratio Lower Upper

91 100

106 28.4 23.6 35.4





#68

m/p-Xylenes

Concen: 6.208 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044126.D

Acq: 04 Dec 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

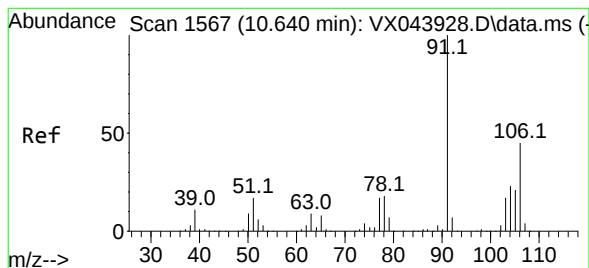
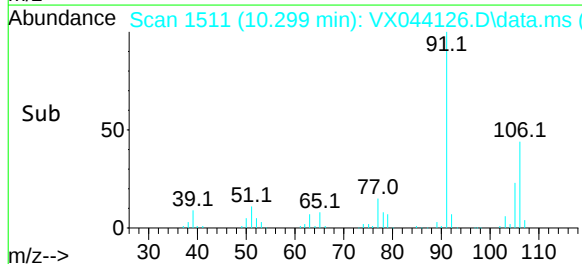
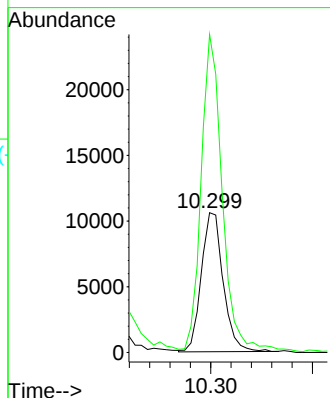
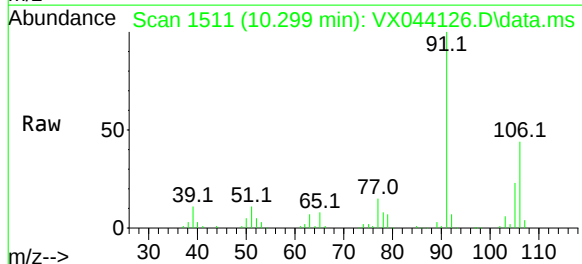
SPLP-C12-1RE

Tgt Ion:106 Resp: 15803

Ion Ratio Lower Upper

106 100

91 221.5 168.1 252.1



#69

o-Xylene

Concen: 7.376 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044126.D

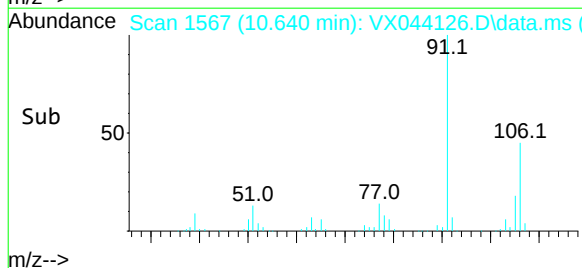
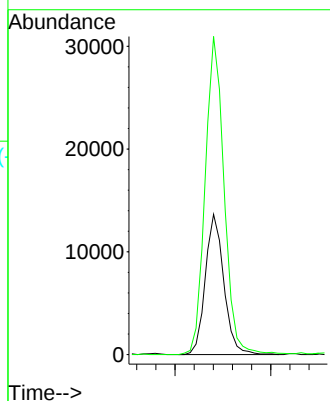
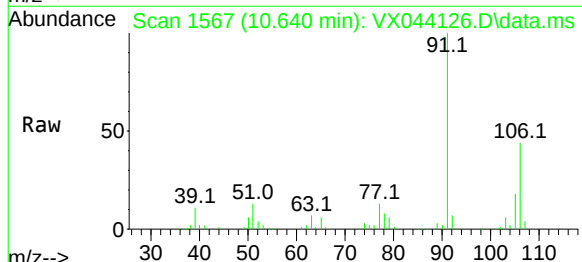
Acq: 04 Dec 2024 18:48

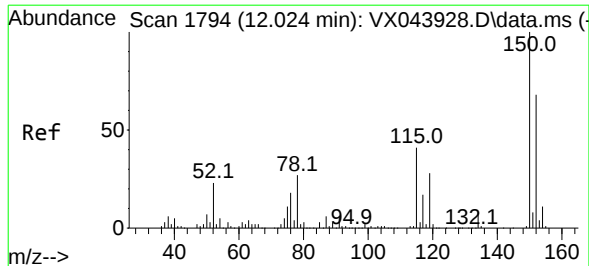
Tgt Ion:106 Resp: 18334

Ion Ratio Lower Upper

106 100

91 232.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044126.D

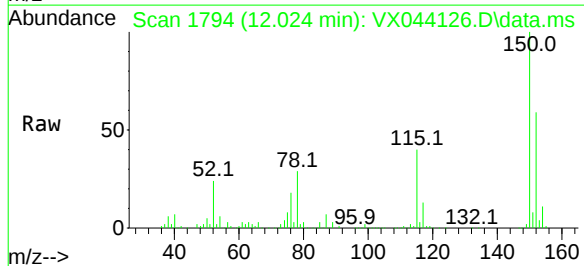
Acq: 04 Dec 2024 18:48

Instrument :

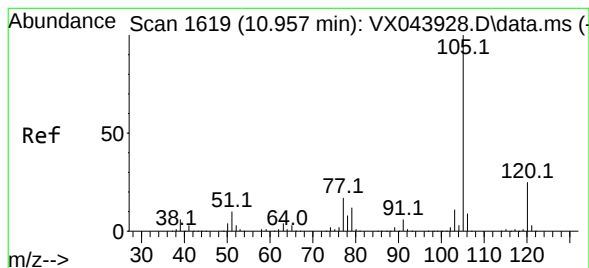
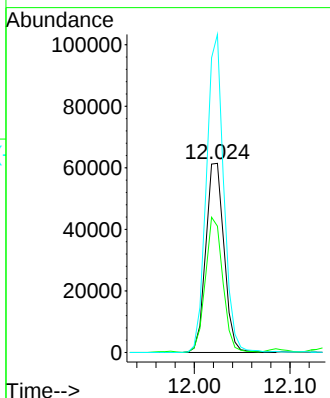
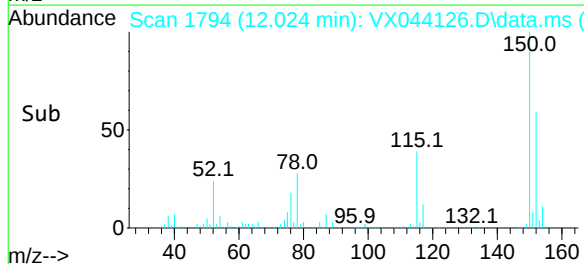
MSVOA_X

ClientSampleId :

SPLP-C12-1RE



Tgt Ion:	152	Resp:	81734
Ion	Ratio	Lower	Upper
152	100		
115	68.2	45.4	136.2
150	159.5	0.0	353.0



#73

Isopropylbenzene

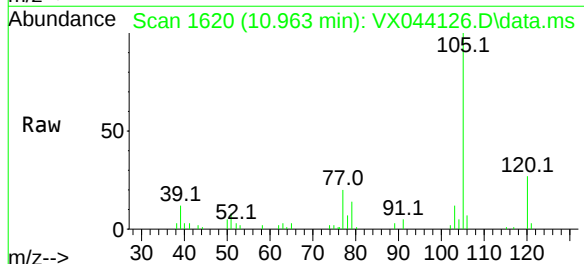
Concen: 2.175 ug/l

RT: 10.963 min Scan# 1620

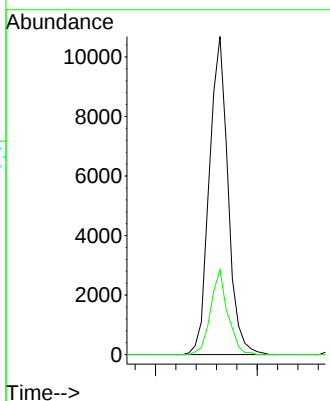
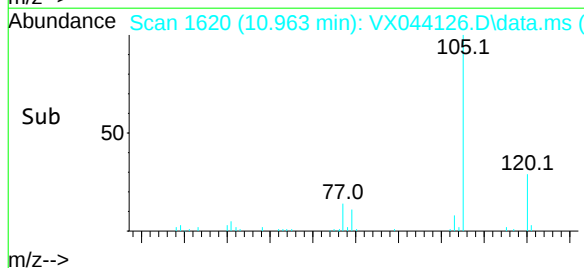
Delta R.T. 0.006 min

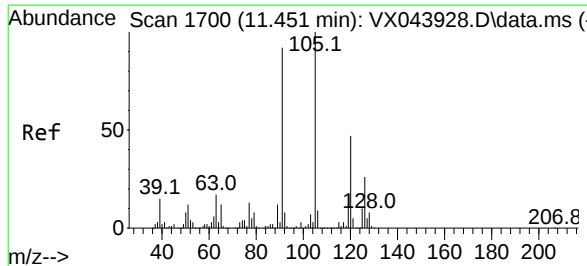
Lab File: VX044126.D

Acq: 04 Dec 2024 18:48



Tgt Ion:	105	Resp:	13666
Ion	Ratio	Lower	Upper
105	100		
120	24.2	13.0	38.9





#80

1,3,5-Trimethylbenzene

Concen: 2.695 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044126.D

Acq: 04 Dec 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

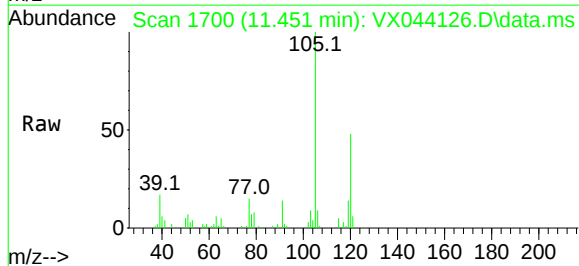
SPLP-C12-1RE

Tgt Ion:105 Resp: 13929

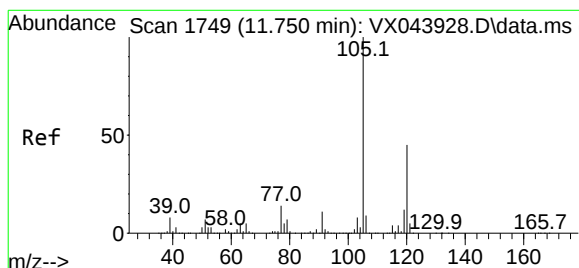
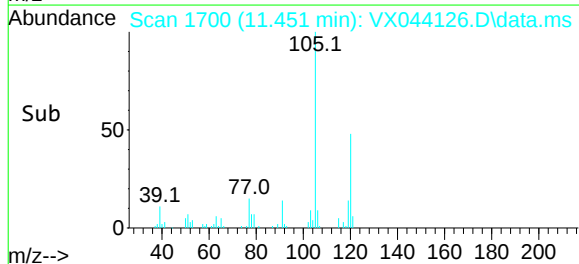
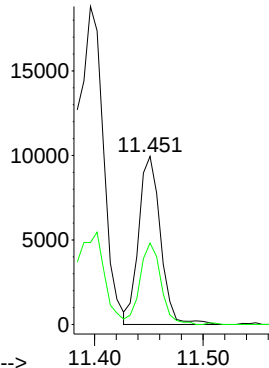
Ion Ratio Lower Upper

105 100

120 46.5 23.3 69.8



Abundance



#84

1,2,4-Trimethylbenzene

Concen: 9.558 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044126.D

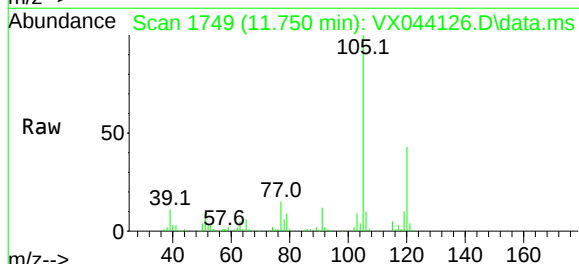
Acq: 04 Dec 2024 18:48

Tgt Ion:105 Resp: 49188

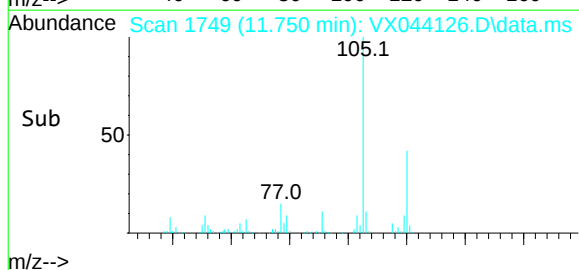
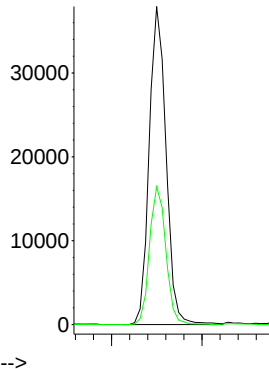
Ion Ratio Lower Upper

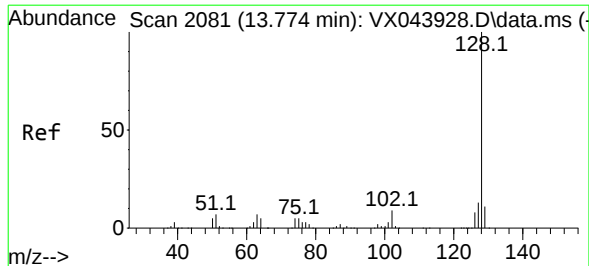
105 100

120 41.9 21.9 65.7



Abundance





#95

Naphthalene

Concen: 536.539 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX044126.D

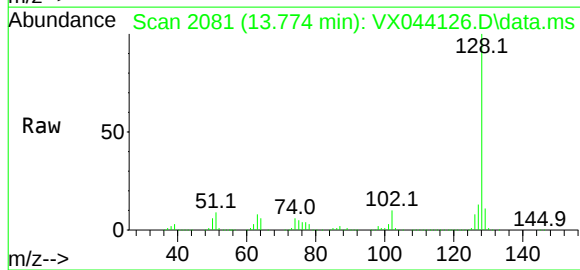
Acq: 04 Dec 2024 18:48

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-1RE



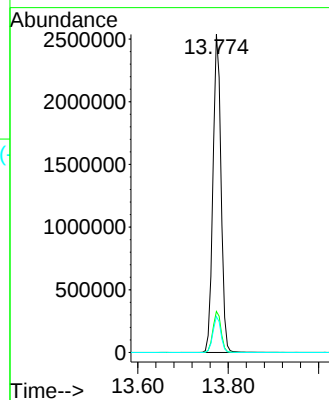
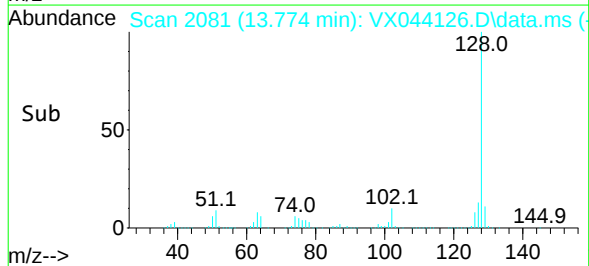
Tgt Ion:128 Resp: 3136784

Ion	Ratio	Lower	Upper
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128	100		
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127	13.0	10.2	15.2
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129	11.2	8.6	12.8
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Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C12-2		SDG No.:	P5006	
Lab Sample ID:	P5006-16		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044104.D	1		12/03/24 19:32	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	19.9	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.50	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	4.40	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	11.1		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-2	SDG No.:	P5006
Lab Sample ID:	P5006-16	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044104.D	1		12/03/24 19:32	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	88.4		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	26.1		0.31	10.0	ug/L
95-47-6	o-Xylene	26.0		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	7.00		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	33.2	*	70 (75) - 130 (124)	66%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108000	5.544			
540-36-3	1,4-Difluorobenzene	214000	6.757			
3114-55-4	Chlorobenzene-d5	187000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	88000	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	11/26/24	
Client Sample ID:	SPLP-C12-2		SDG No.:	P5006	
Lab Sample ID:	P5006-16		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044104.D	1		12/03/24 19:32	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044104.D
 Acq On : 03 Dec 2024 19:32
 Operator : JC/MD
 Sample : P5006-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C12-2

Quant Time: Dec 04 00:16:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

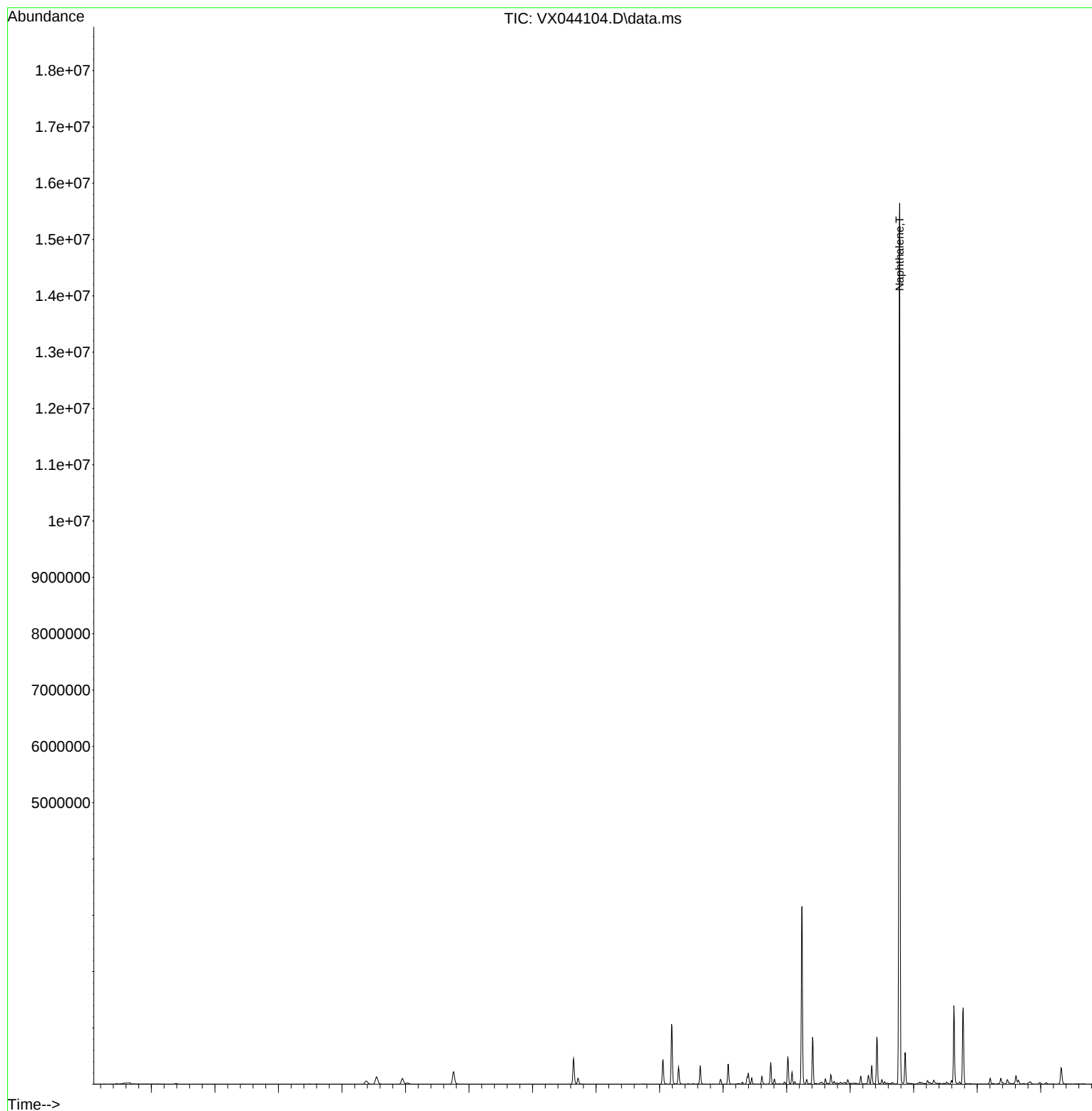
Internal Standards						
1) Pentafluorobenzene	5.544	168	108046	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	99943	53.931	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.860%			
35) Dibromofluoromethane	5.379	113	50820	33.211	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 66.420%#			
50) Toluene-d8	8.647	98	263984	50.045	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.100%			
62) 4-Bromofluorobenzene	11.079	95	92959	51.782	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.560%			
Target Compounds						
16) Acetone	2.386	43	16912	19.870	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	2378	1.497	ug/l	85
40) Benzene	6.031	78	26275	4.424	ug/l	94
52) Toluene	8.720	92	39517	11.116	ug/l	97
67) Ethyl Benzene	10.189	91	615465	88.376	ug/l	98
68) m/p-Xylenes	10.299	106	67817	26.113	ug/l	99
69) o-Xylene	10.640	106	65816	25.956	ug/l	95
73) Isopropylbenzene	10.963	105	47387	7.005	ug/l	99
78) n-propylbenzene	11.305	91	21092	2.792	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	44030	7.912	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	160752	29.013	ug/l	99
89) n-Butylbenzene	12.317	91	8271	1.709	ug/l #	6
95) Naphthalene	13.780	128	8781560	1395.127	ug/l	96

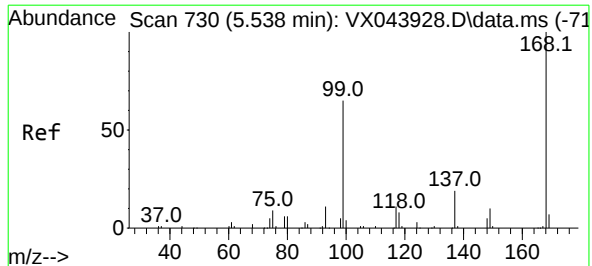
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044104.D
Acq On : 03 Dec 2024 19:32
Operator : JC/MD
Sample : P5006-16
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-2

Quant Time: Dec 04 00:16:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.006 min

Lab File: VX044104.D

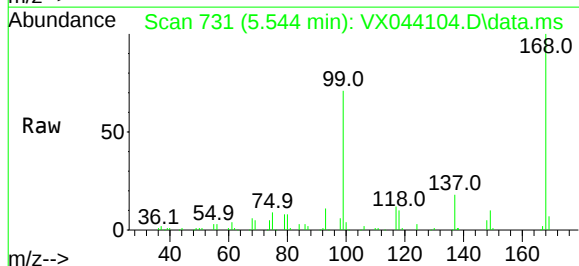
Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2

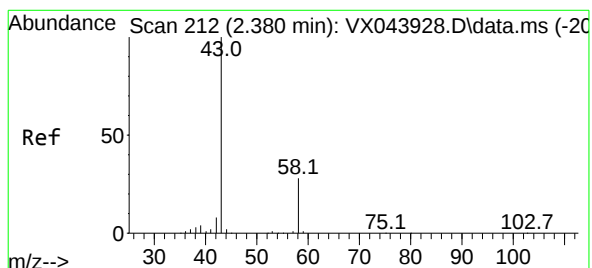
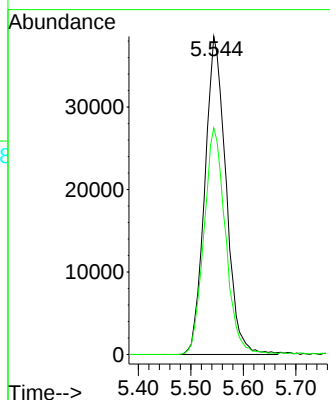
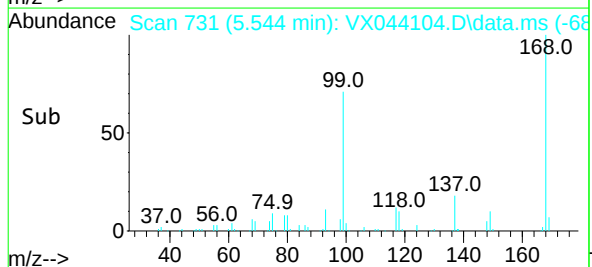


Tgt Ion:168 Resp: 108046

Ion Ratio Lower Upper

168 100

99 71.2 51.8 77.8



#16

Acetone

Concen: 19.870 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044104.D

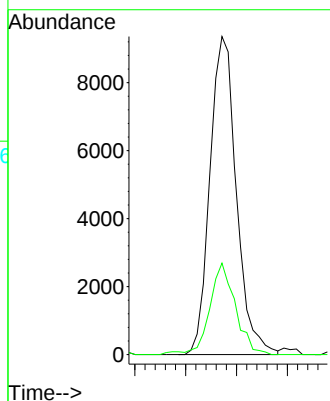
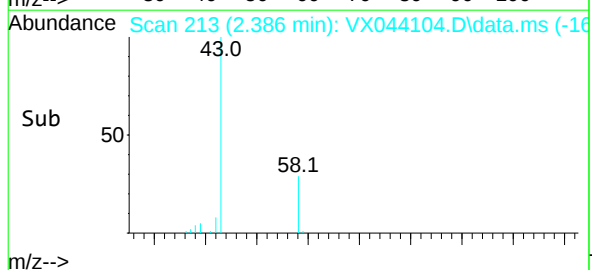
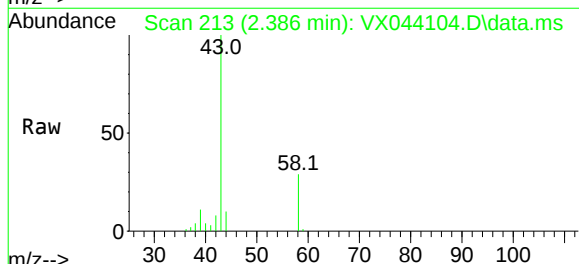
Acq: 03 Dec 2024 19:32

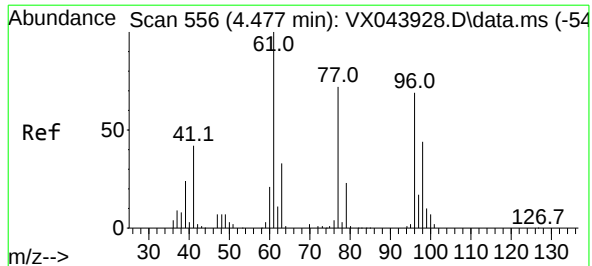
Tgt Ion: 43 Resp: 16912

Ion Ratio Lower Upper

43 100

58 28.7 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.497 ug/l

RT: 4.483 min Scan# 556

Delta R.T. 0.006 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

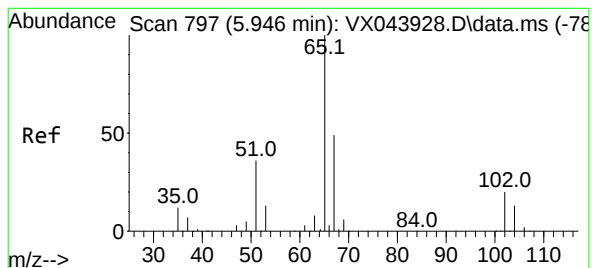
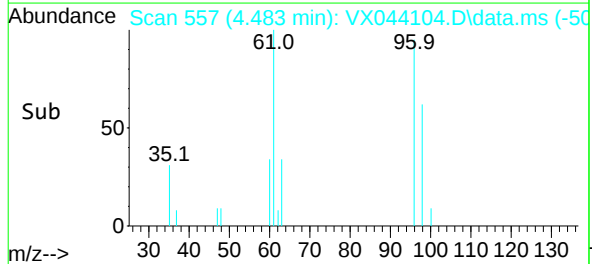
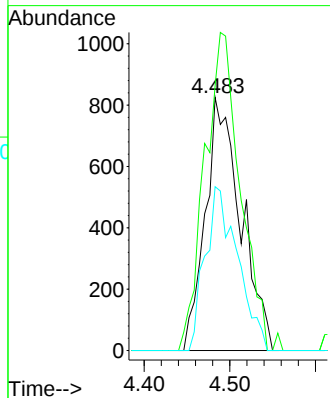
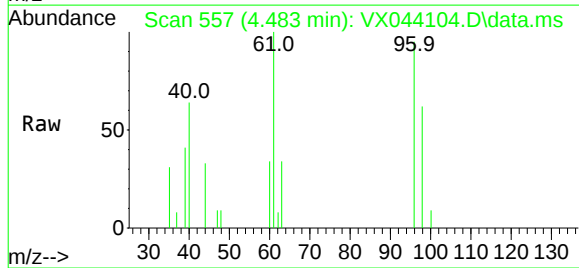
MSVOA_X

ClientSampleId :

SPLP-C12-2

Tgt Ion: 96 Resp: 2378

Ion	Ratio	Lower	Upper
96	100		
61	125.4	0.0	297.4
98	59.1	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 53.931 ug/l

RT: 5.946 min Scan# 797

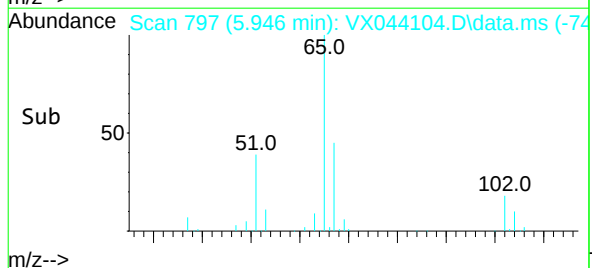
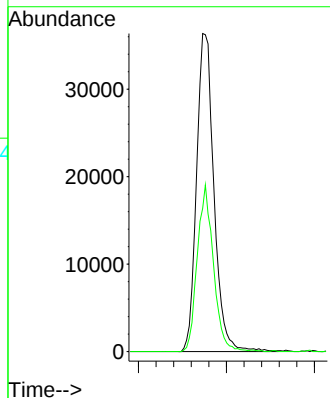
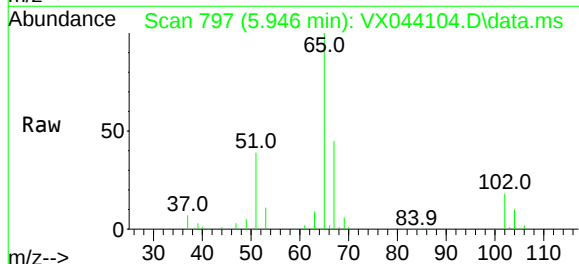
Delta R.T. -0.000 min

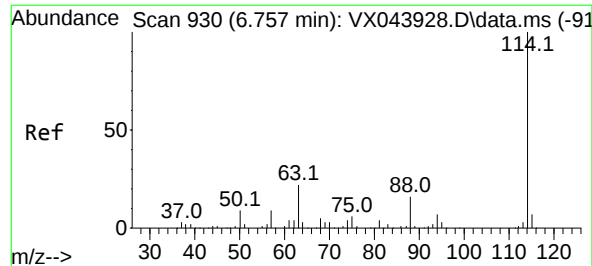
Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Tgt Ion: 65 Resp: 99943

Ion	Ratio	Lower	Upper
65	100		
67	48.6	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2

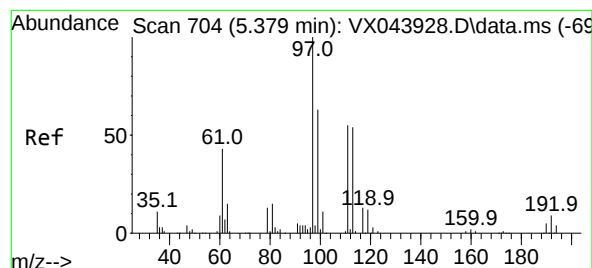
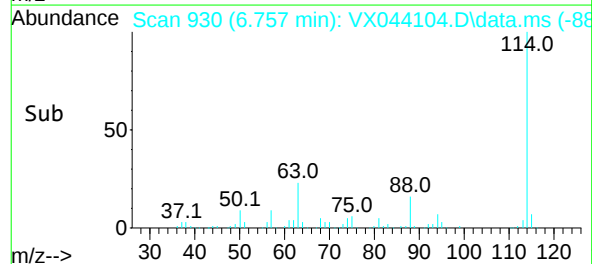
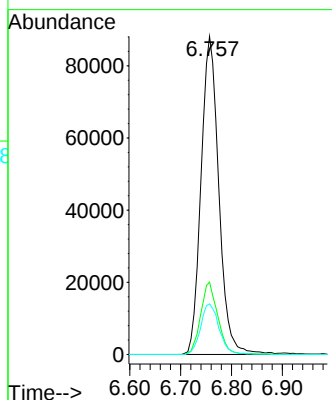
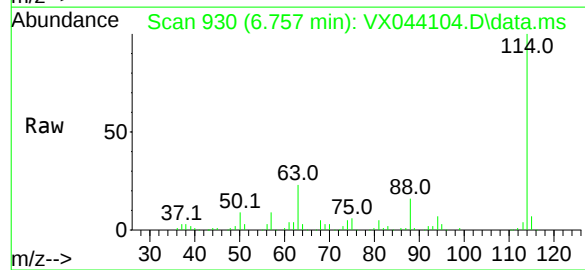
Tgt Ion:114 Resp: 214154

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.0

88 15.9 0.0 32.4



#35

Dibromofluoromethane

Concen: 33.211 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

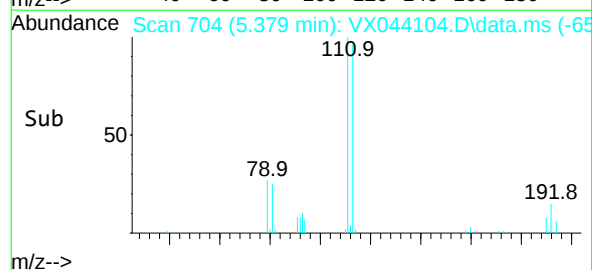
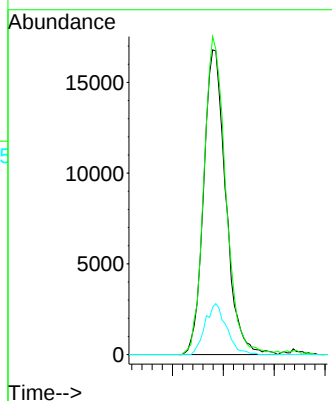
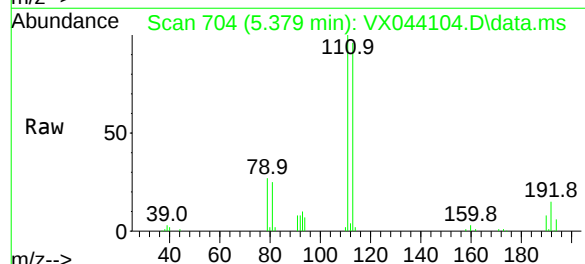
Tgt Ion:113 Resp: 50820

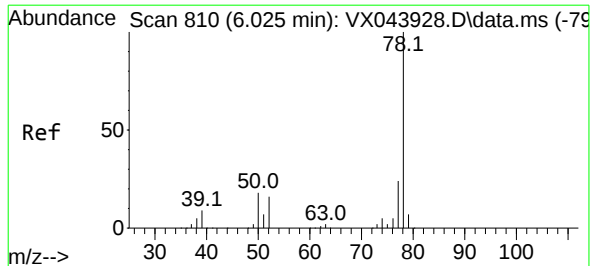
Ion Ratio Lower Upper

113 100

111 103.4 81.0 121.4

192 16.2 13.0 19.6





#40

Benzene

Concen: 4.424 ug/l

RT: 6.031 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

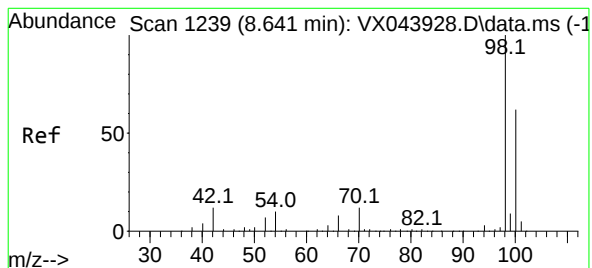
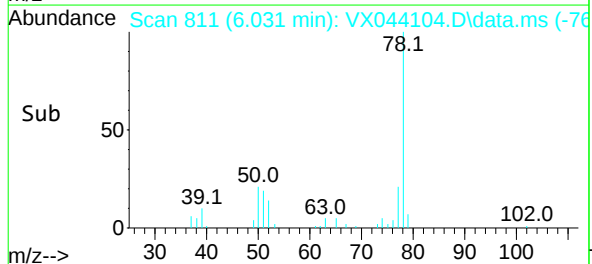
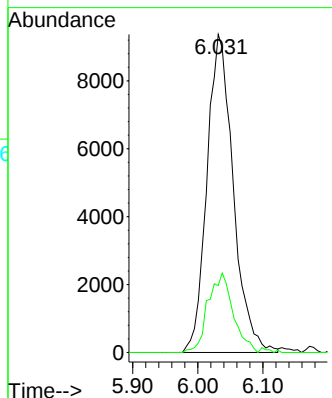
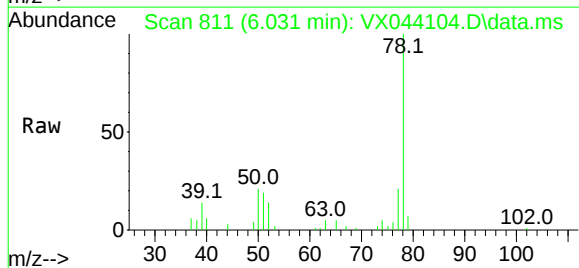
SPLP-C12-2

Tgt Ion: 78 Resp: 26275

Ion Ratio Lower Upper

78 100

77 21.1 19.2 28.8



#50

Toluene-d8

Concen: 50.045 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044104.D

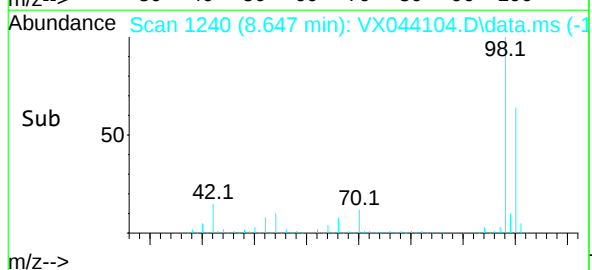
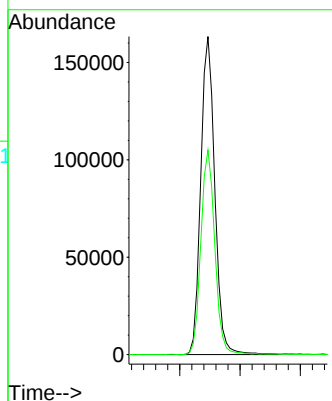
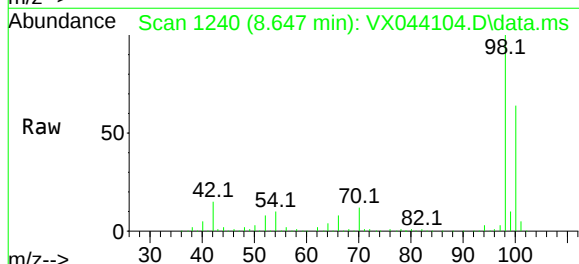
Acq: 03 Dec 2024 19:32

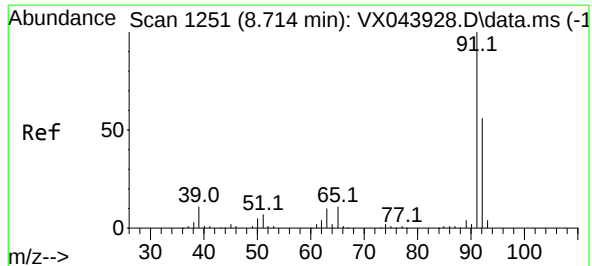
Tgt Ion: 98 Resp: 263984

Ion Ratio Lower Upper

98 100

100 64.1 52.6 79.0





#52

Toluene

Concen: 11.116 ug/l

RT: 8.720 min Scan# 1251

Delta R.T. 0.006 min

Lab File: VX044104.D

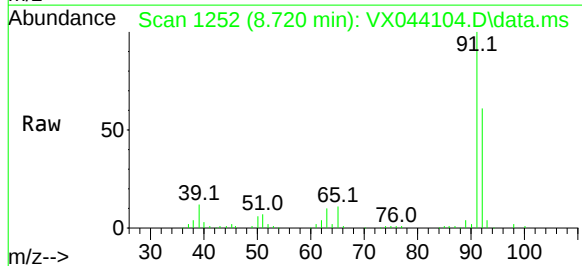
Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2

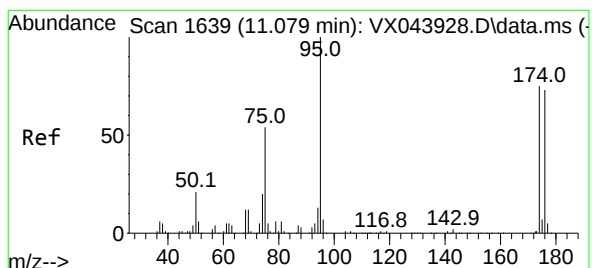
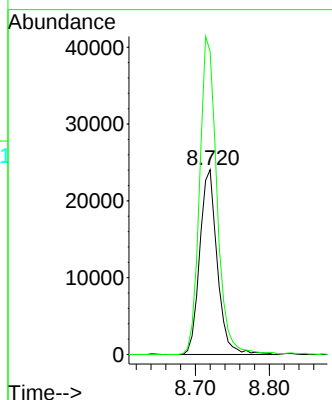
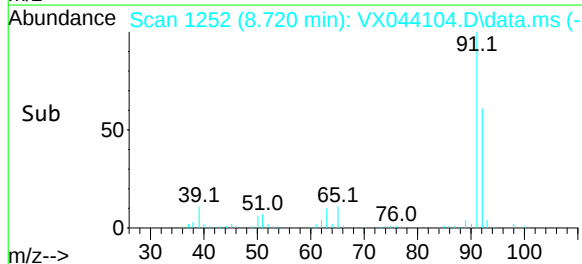


Tgt Ion: 92 Resp: 39517

Ion Ratio Lower Upper

92 100

91 170.3 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 51.782 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

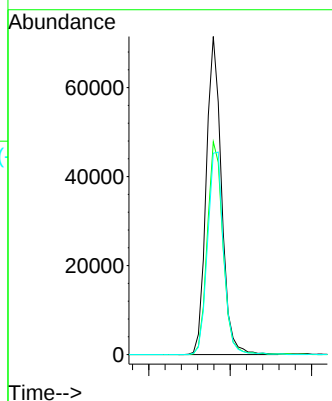
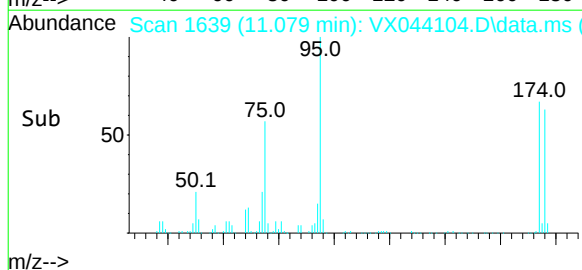
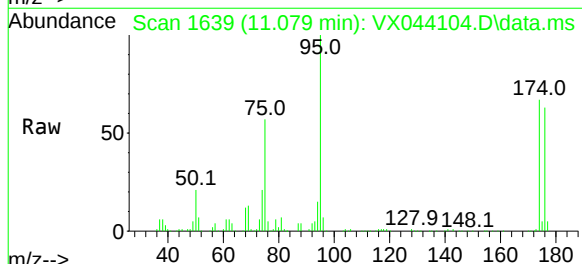
Tgt Ion: 95 Resp: 92959

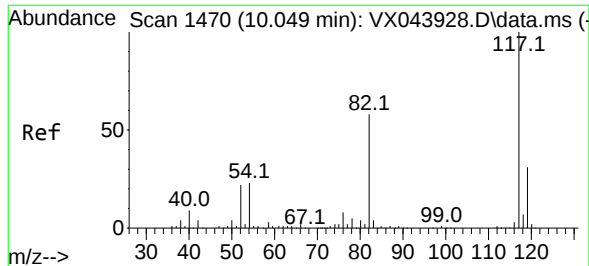
Ion Ratio Lower Upper

95 100

174 68.4 0.0 150.4

176 67.0 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2

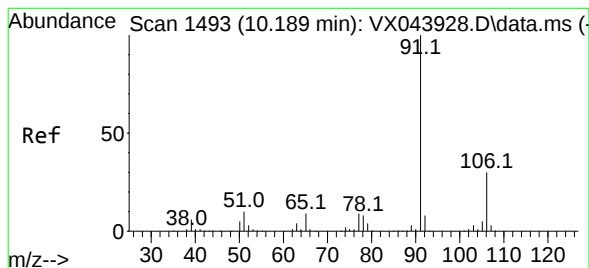
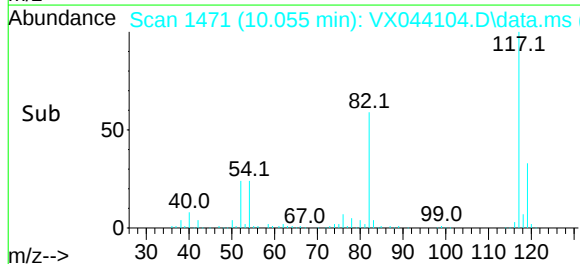
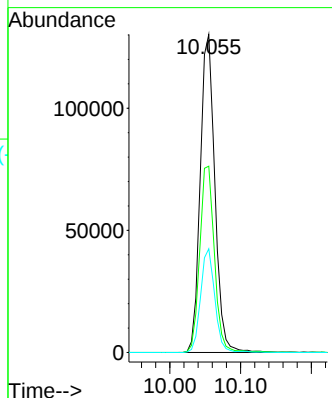
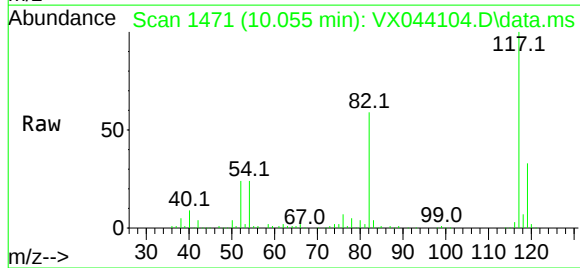
Tgt Ion:117 Resp: 187128

Ion Ratio Lower Upper

117 100

82 58.6 46.4 69.6

119 32.6 24.6 37.0



#67

Ethyl Benzene

Concen: 88.376 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044104.D

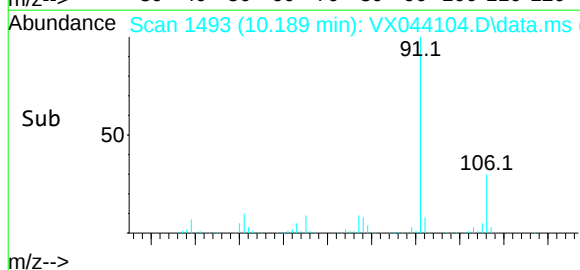
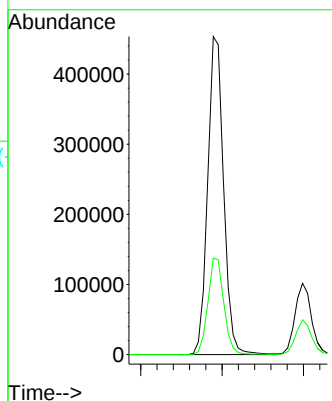
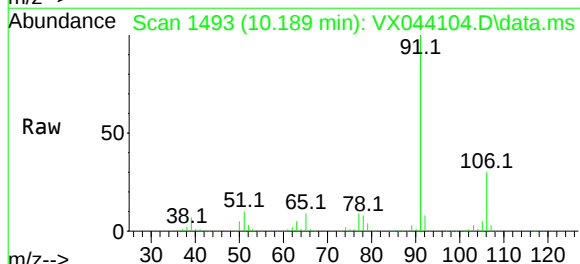
Acq: 03 Dec 2024 19:32

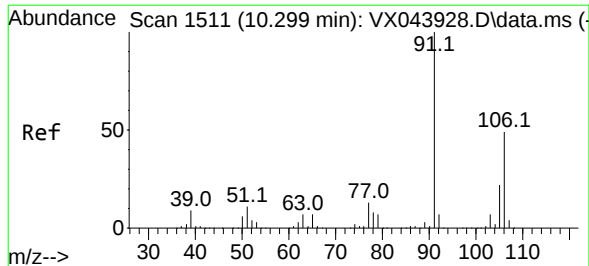
Tgt Ion: 91 Resp: 615465

Ion Ratio Lower Upper

91 100

106 30.3 23.6 35.4





#68

m/p-Xylenes

Concen: 26.113 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

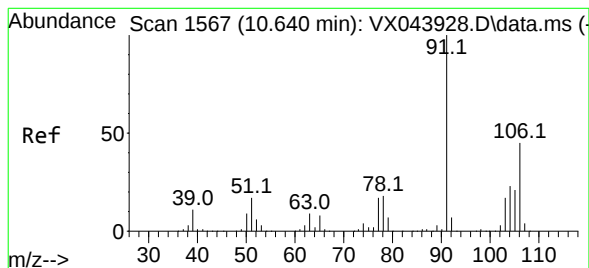
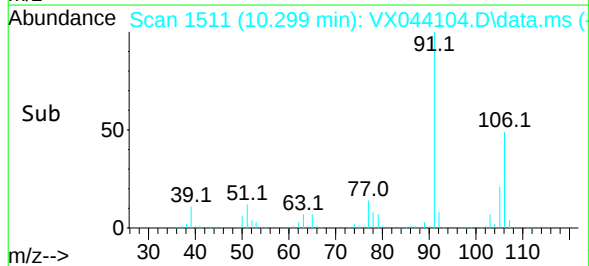
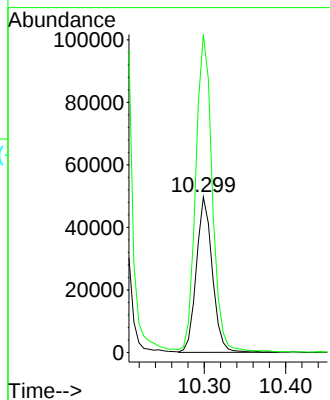
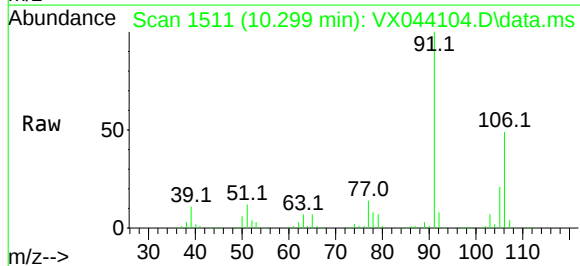
SPLP-C12-2

Tgt Ion:106 Resp: 67817

Ion Ratio Lower Upper

106 100

91 208.2 168.1 252.1



#69

o-Xylene

Concen: 25.956 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044104.D

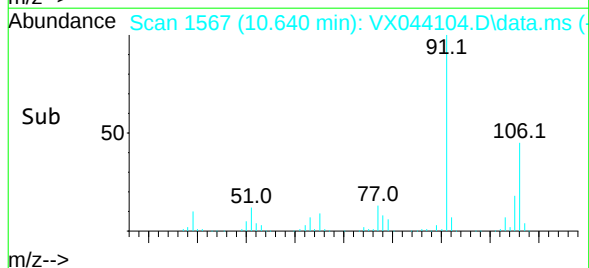
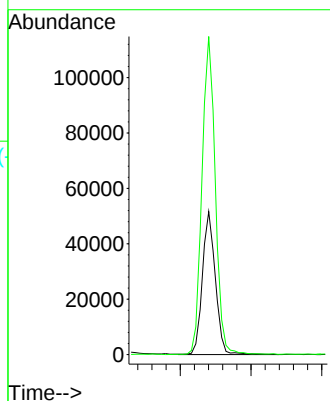
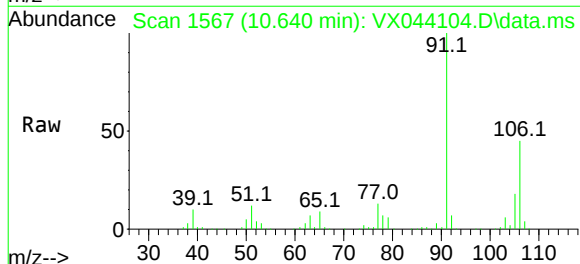
Acq: 03 Dec 2024 19:32

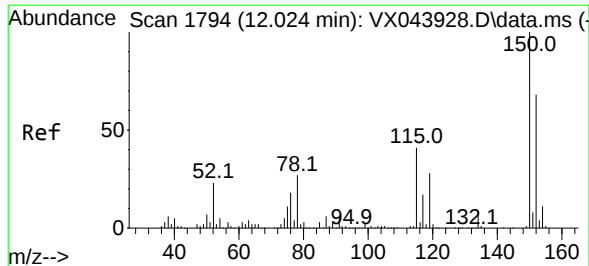
Tgt Ion:106 Resp: 65816

Ion Ratio Lower Upper

106 100

91 228.5 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 17

Delta R.T. -0.006 min

Lab File: VX044104.D

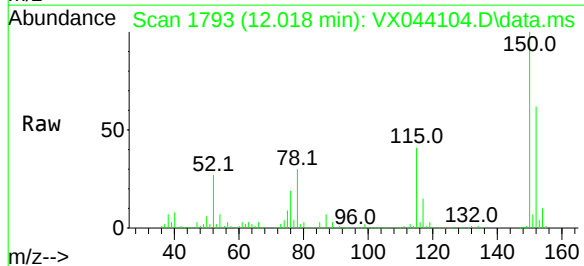
Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2



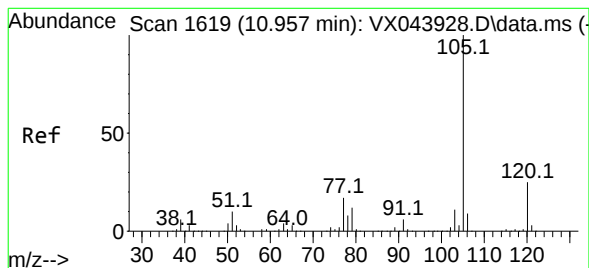
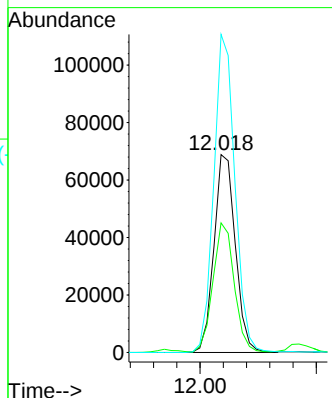
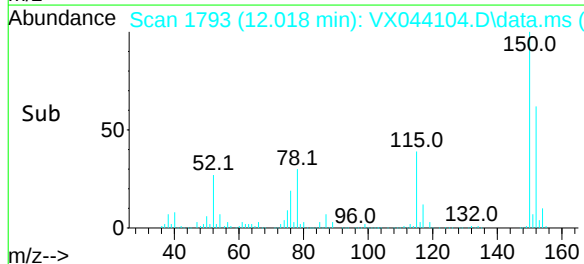
Tgt Ion:152 Resp: 87999

Ion Ratio Lower Upper

152 100

115 64.7 45.4 136.2

150 159.1 0.0 353.0



#73

Isopropylbenzene

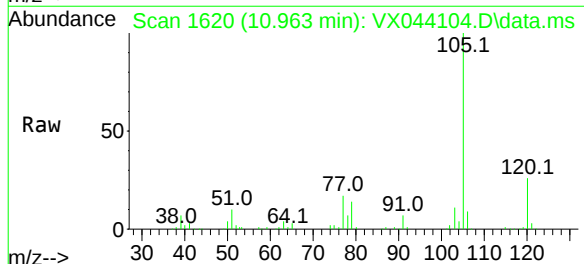
Concen: 7.005 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

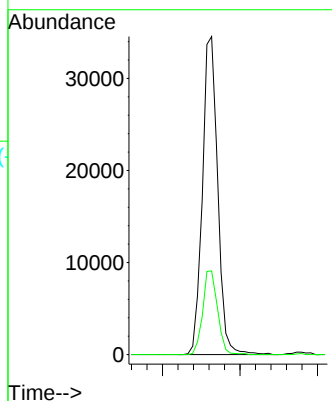
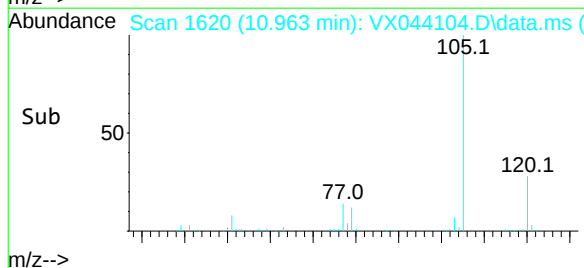


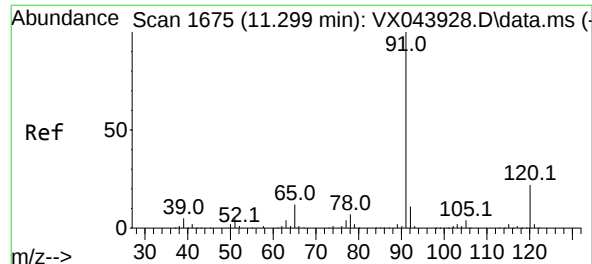
Tgt Ion:105 Resp: 47387

Ion Ratio Lower Upper

105 100

120 25.5 13.0 38.9





#78

n-propylbenzene

Concen: 2.792 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

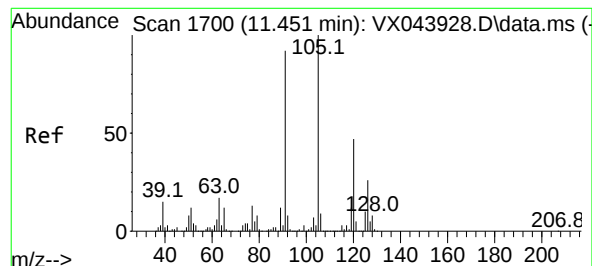
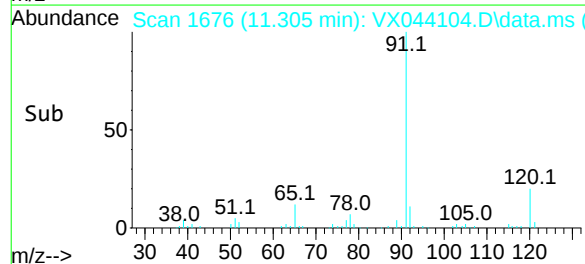
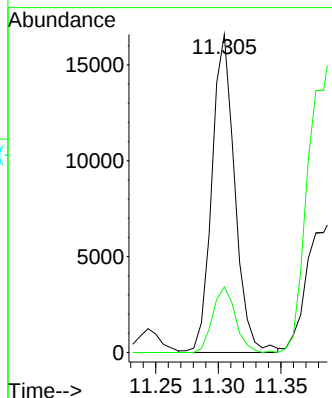
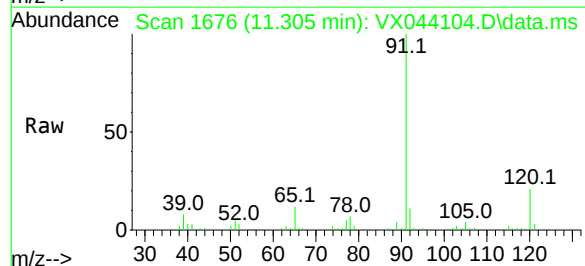
SPLP-C12-2

Tgt Ion: 91 Resp: 21092

Ion Ratio Lower Upper

91 100

120 20.3 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 7.912 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044104.D

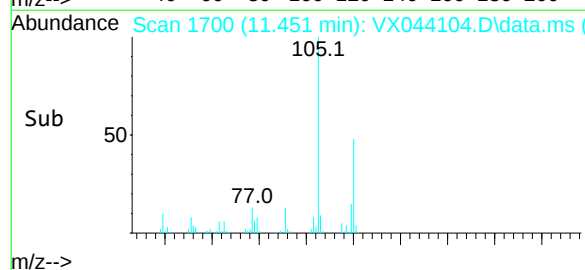
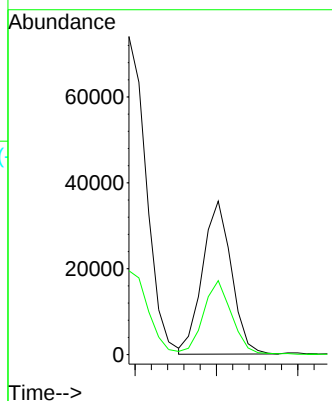
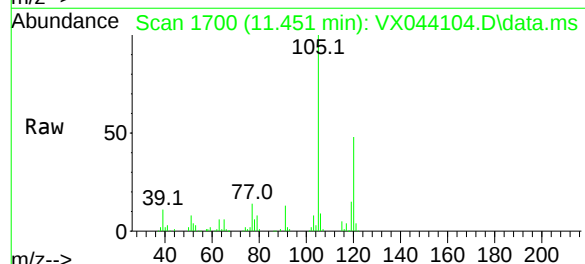
Acq: 03 Dec 2024 19:32

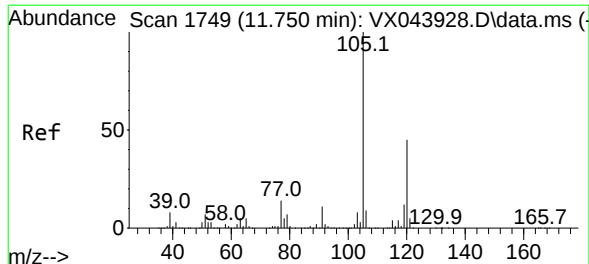
Tgt Ion: 105 Resp: 44030

Ion Ratio Lower Upper

105 100

120 48.0 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 29.013 ug/l

RT: 11.750 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

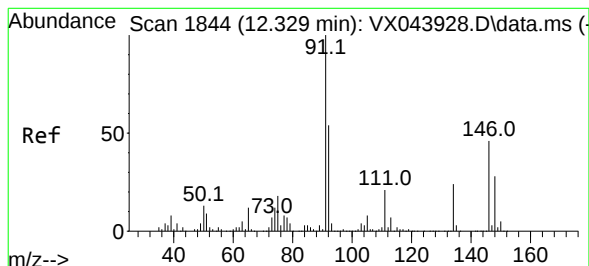
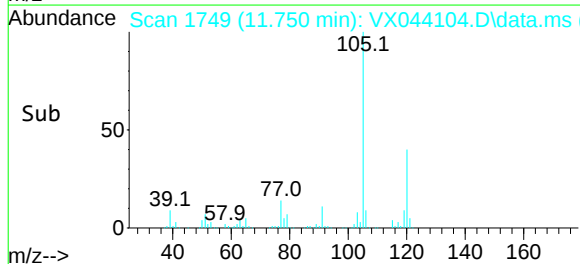
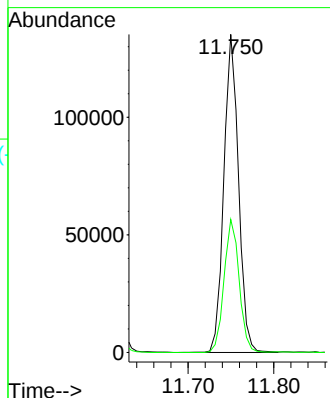
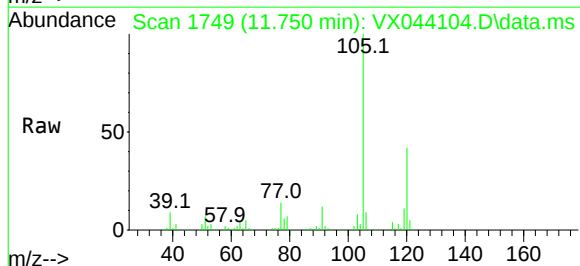
SPLP-C12-2

Tgt Ion:105 Resp: 160752

Ion Ratio Lower Upper

105 100

120 43.1 21.9 65.7



#89

n-Butylbenzene

Concen: 1.709 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX044104.D

Acq: 03 Dec 2024 19:32

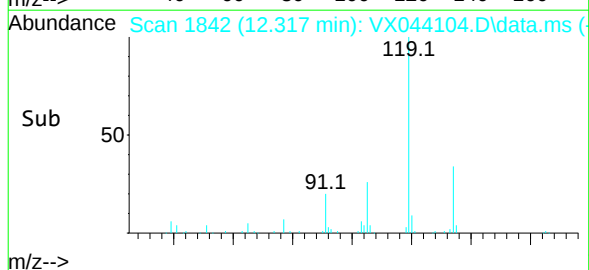
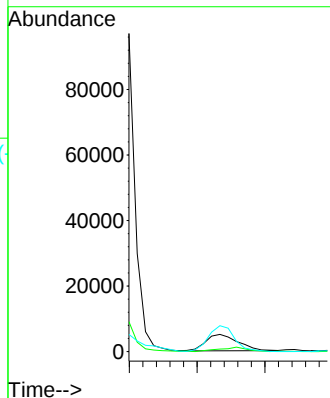
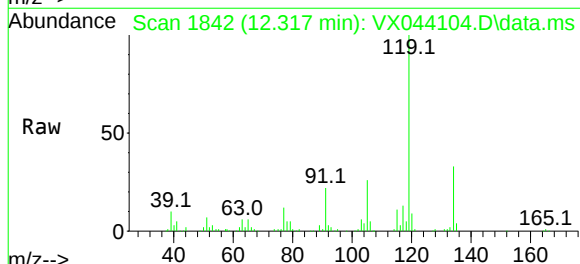
Tgt Ion: 91 Resp: 8271

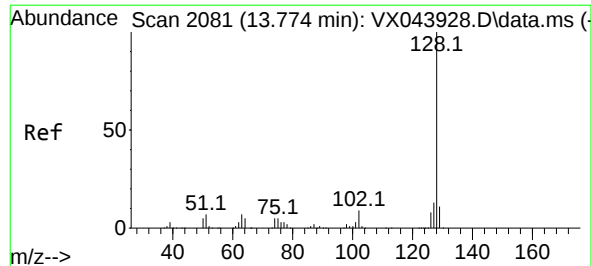
Ion Ratio Lower Upper

91 100

92 24.1 26.6 79.8#

134 128.5 12.4 37.2#





#95

Naphthalene

Concen: 1395.127 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX044104.D

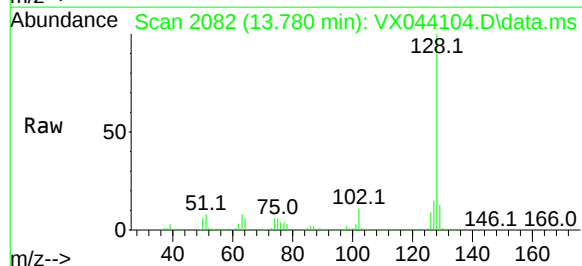
Acq: 03 Dec 2024 19:32

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2



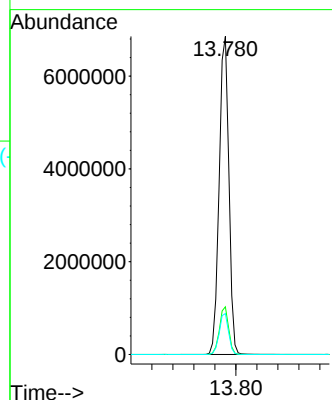
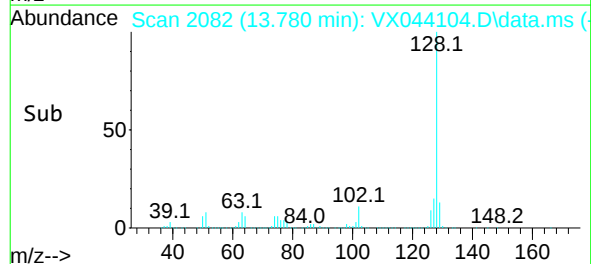
Tgt Ion:128 Resp: 8781560

Ion	Ratio	Lower	Upper
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128	100		
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127	14.3	10.2	15.2
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129	12.4	8.6	12.8
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-16RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044127.D	1		12/04/24 19:11	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	22.0	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	1.50	J	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	4.50	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	11.9		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-16RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044127.D	1		12/04/24 19:11	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	92.5		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	26.9		0.31	10.0	ug/L
95-47-6	o-Xylene	27.1		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	7.50		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	33.2	*	70 (75) - 130 (124)	66%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	100000	5.544			
540-36-3	1,4-Difluorobenzene	201000	6.757			
3114-55-4	Chlorobenzene-d5	178000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	78300	12.024			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-2RE	SDG No.:	P5006
Lab Sample ID:	P5006-16RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044127.D	1		12/04/24 19:11	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044127.D
 Acq On : 04 Dec 2024 19:11
 Operator : JC/MD
 Sample : P5006-16RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C12-2RE

Quant Time: Dec 05 00:35:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

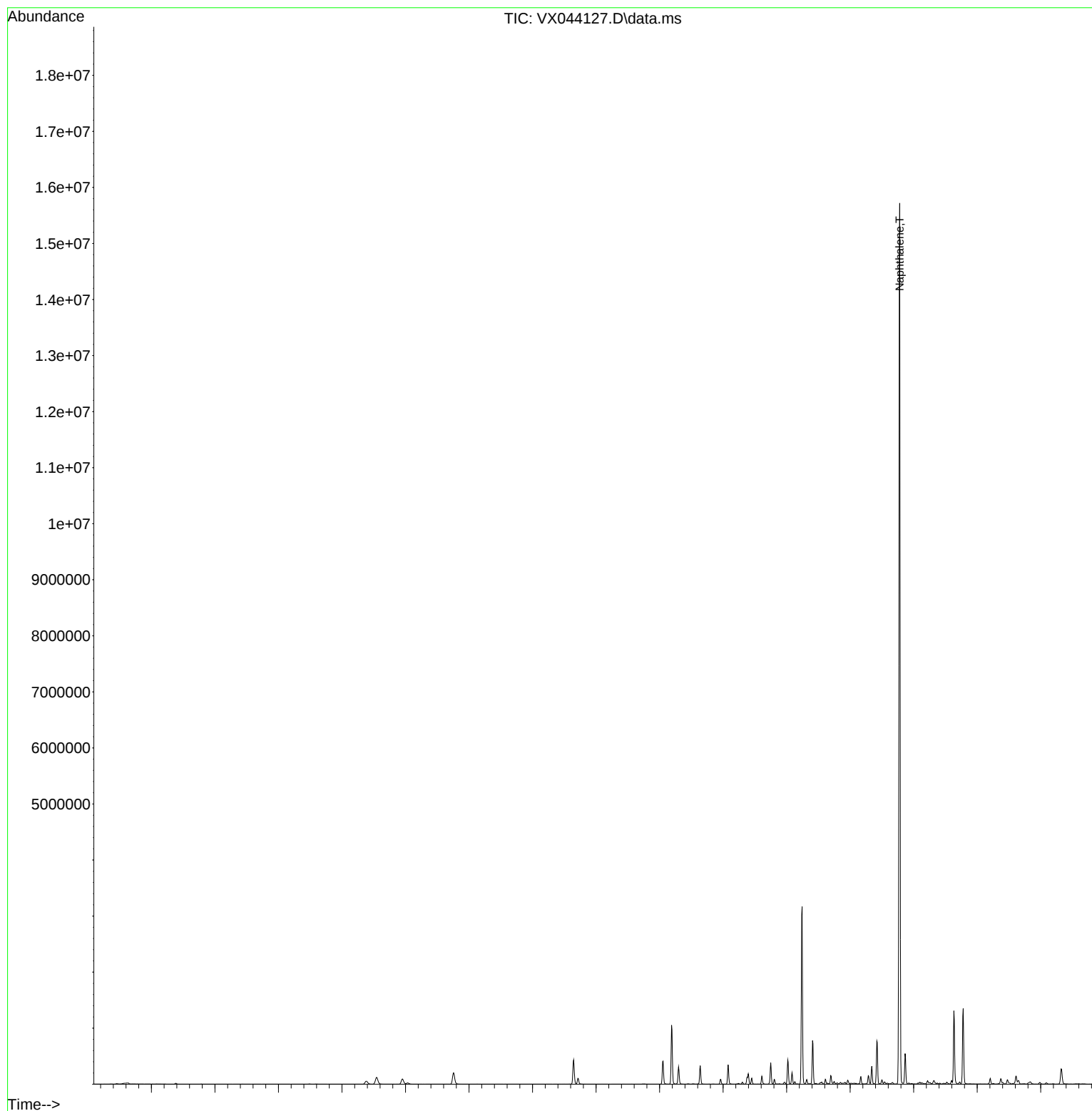
Internal Standards						
1) Pentafluorobenzene	5.544	168	100117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	200709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92036	53.597	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.200%			
35) Dibromofluoromethane	5.385	113	47545	33.152	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 66.300%#			
50) Toluene-d8	8.647	98	249992	50.568	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.140%			
62) 4-Bromofluorobenzene	11.079	95	85505	50.821	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.640%			
Target Compounds						
						Qvalue
16) Acetone	2.386	43	17312	21.950	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	2168	1.473	ug/l	98
40) Benzene	6.038	78	24977	4.487	ug/l	93
52) Toluene	8.714	92	39742	11.928	ug/l	96
67) Ethyl Benzene	10.189	91	614250	92.473	ug/l	99
68) m/p-Xylenes	10.299	106	66521	26.854	ug/l	95
69) o-Xylene	10.640	106	65653	27.145	ug/l	96
73) Isopropylbenzene	10.963	105	45227	7.517	ug/l	99
78) n-propylbenzene	11.305	91	21157	3.148	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	44365	8.962	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	156722	31.800	ug/l	100
89) n-Butylbenzene	12.317	91	8059	1.872	ug/l #	4
95) Naphthalene	13.780	128	8566292	1529.974	ug/l	96

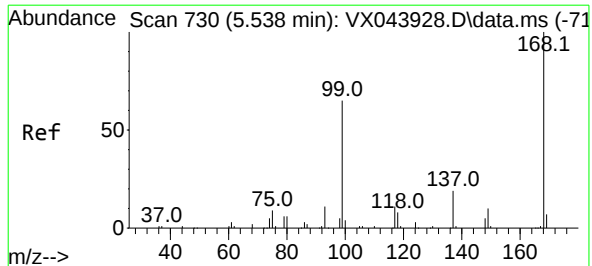
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044127.D
Acq On : 04 Dec 2024 19:11
Operator : JC/MD
Sample : P5006-16RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-2RE

Quant Time: Dec 05 00:35:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 730

Delta R.T. 0.006 min

Lab File: VX044127.D

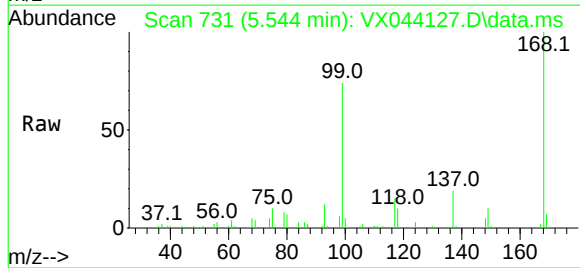
Acq: 04 Dec 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2RE

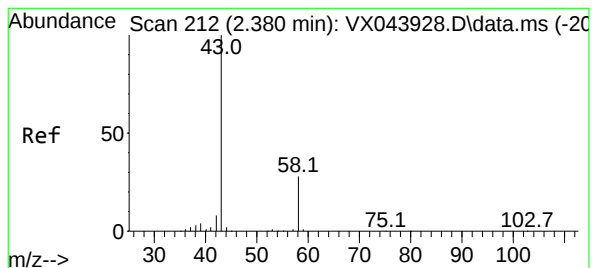
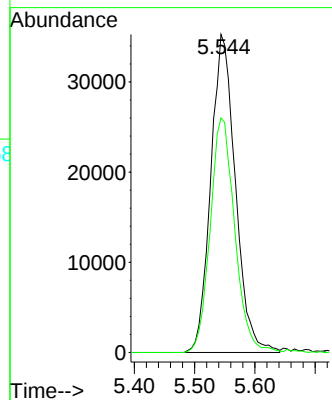
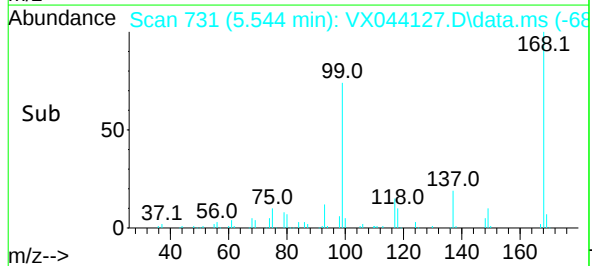


Tgt Ion: 168 Resp: 100117

Ion Ratio Lower Upper

168 100

99 73.7 51.8 77.8



#16

Acetone

Concen: 21.950 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX044127.D

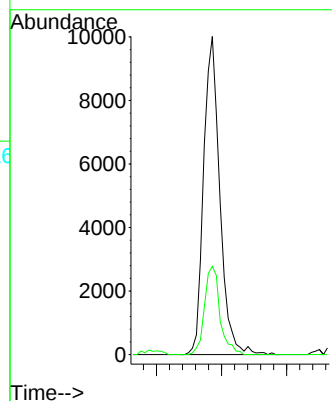
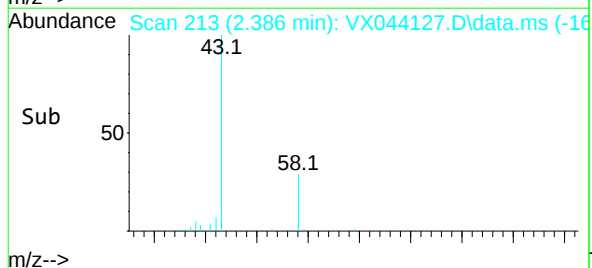
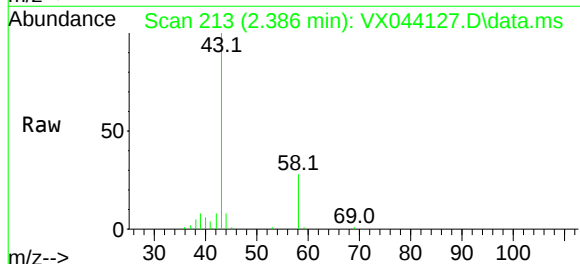
Acq: 04 Dec 2024 19:11

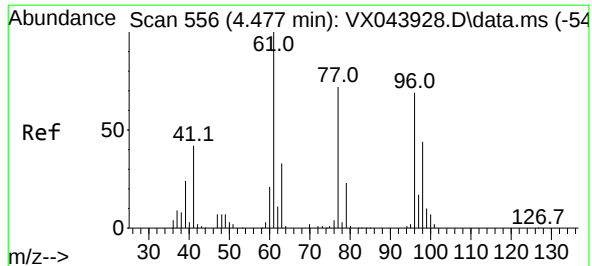
Tgt Ion: 43 Resp: 17312

Ion Ratio Lower Upper

43 100

58 27.7 22.7 34.1





#27

cis-1,2-Dichloroethene

Concen: 1.473 ug/l

RT: 4.489 min Scan# 55

Delta R.T. 0.012 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

Instrument :

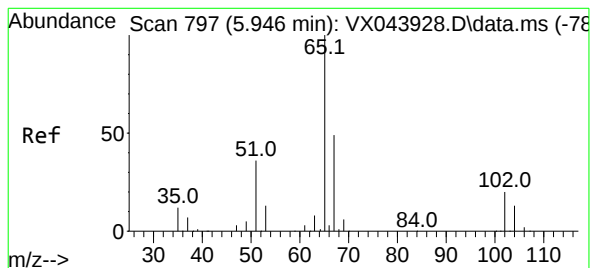
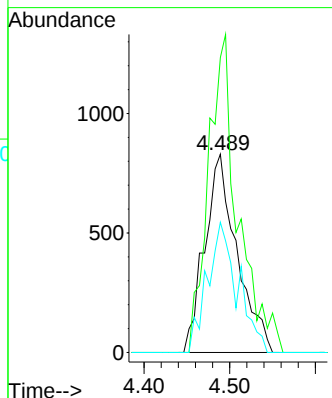
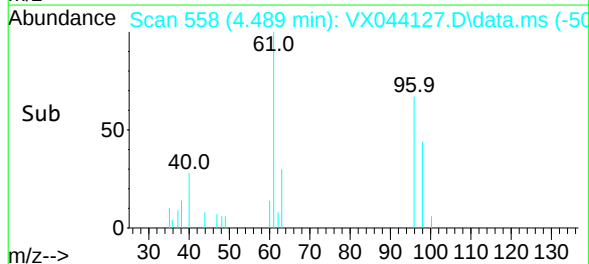
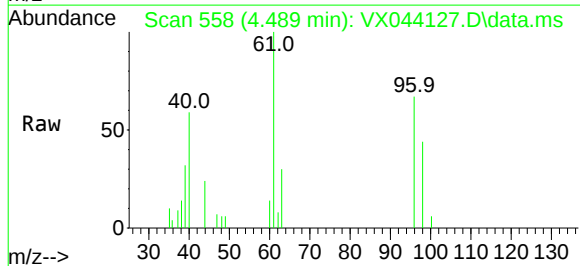
MSVOA_X

ClientSampleId :

SPLP-C12-2RE

Tgt Ion: 96 Resp: 2168

Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	297.4
98	61.9	0.0	127.8



#33

1,2-Dichloroethane-d4

Concen: 53.597 ug/l

RT: 5.952 min Scan# 798

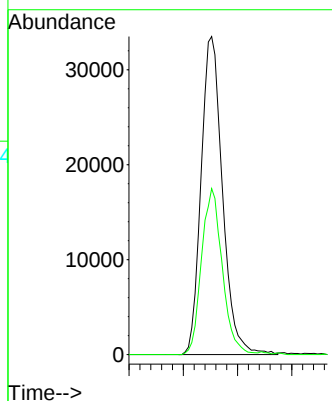
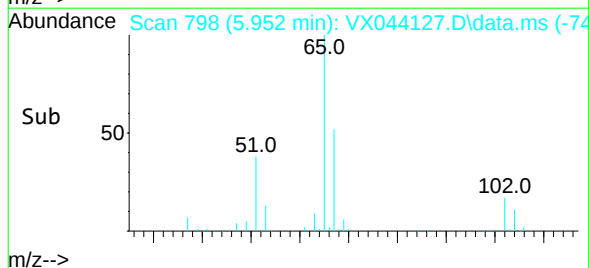
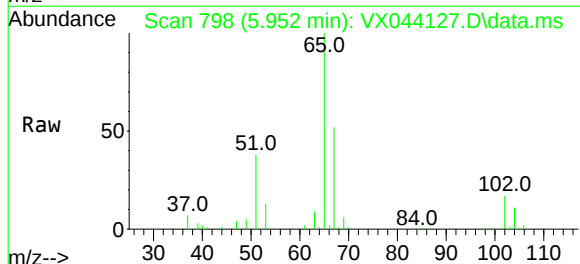
Delta R.T. 0.006 min

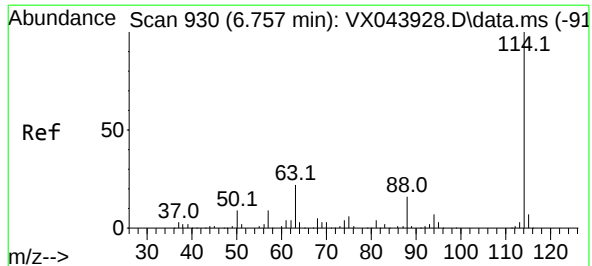
Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

Tgt Ion: 65 Resp: 92036

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044127.D

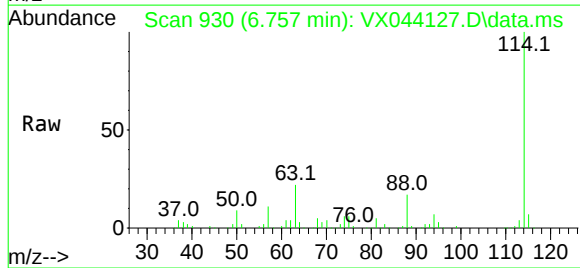
Acq: 04 Dec 2024 19:11

Instrument :

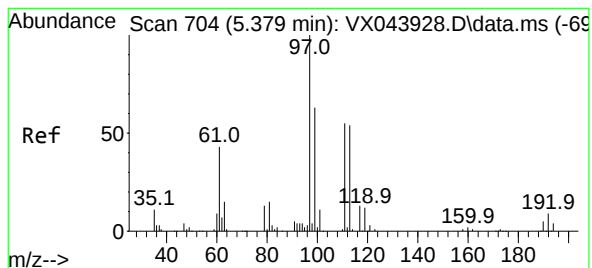
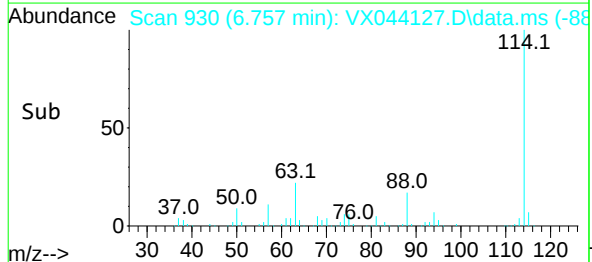
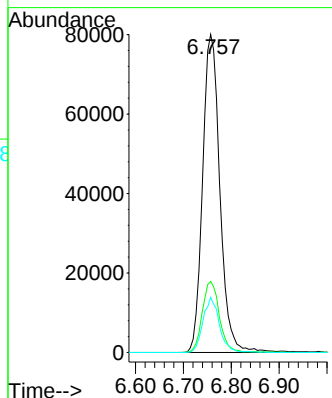
MSVOA_X

ClientSampleId :

SPLP-C12-2RE



Tgt Ion:	114	Resp:	200709
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	44.0
88	17.3	0.0	32.4



#35

Dibromofluoromethane

Concen: 33.152 ug/l

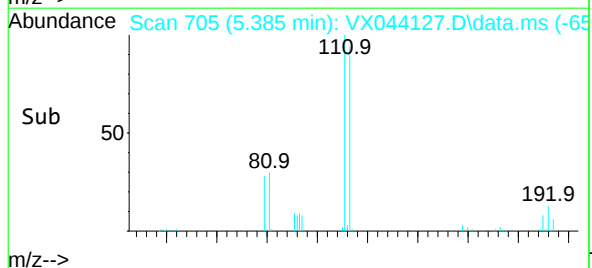
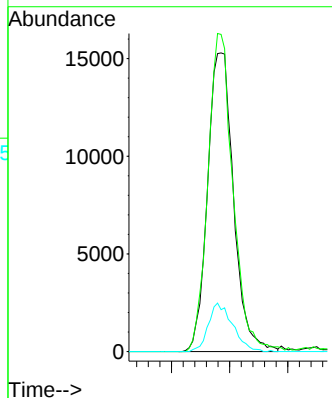
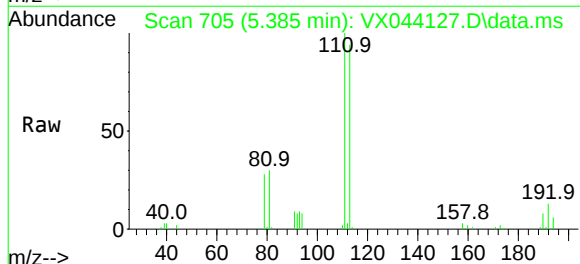
RT: 5.385 min Scan# 705

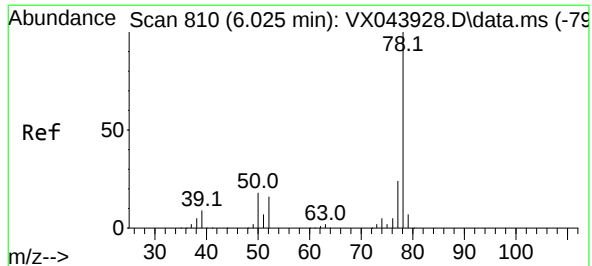
Delta R.T. 0.006 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

Tgt Ion:	113	Resp:	47545
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.0	121.4
192	15.2	13.0	19.6





#40

Benzene

Concen: 4.487 ug/l

RT: 6.038 min Scan# 81

Delta R.T. 0.012 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

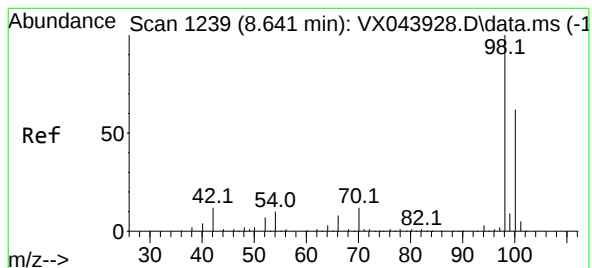
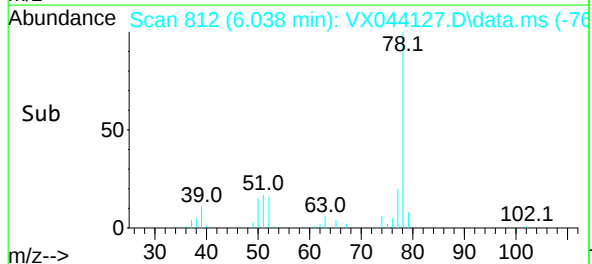
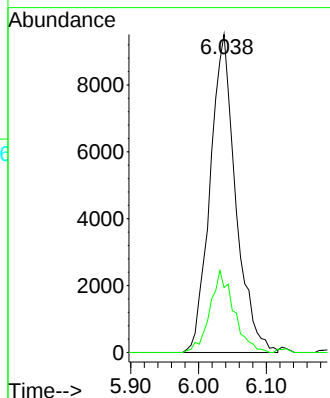
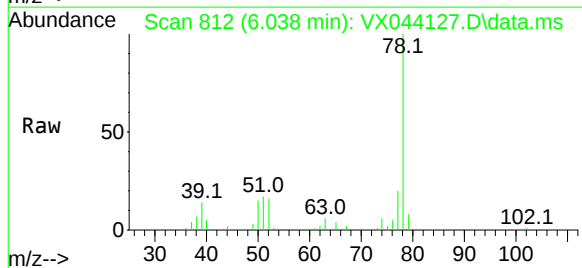
SPLP-C12-2RE

Tgt Ion: 78 Resp: 24977

Ion Ratio Lower Upper

78 100

77 20.4 19.2 28.8



#50

Toluene-d8

Concen: 50.568 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VX044127.D

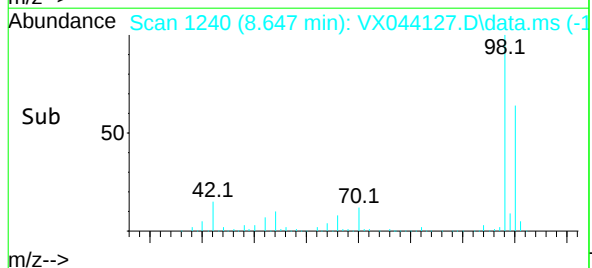
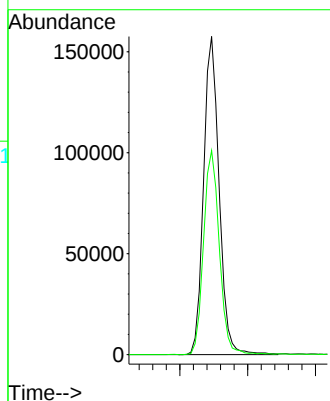
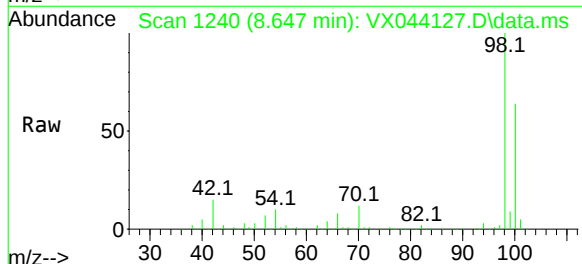
Acq: 04 Dec 2024 19:11

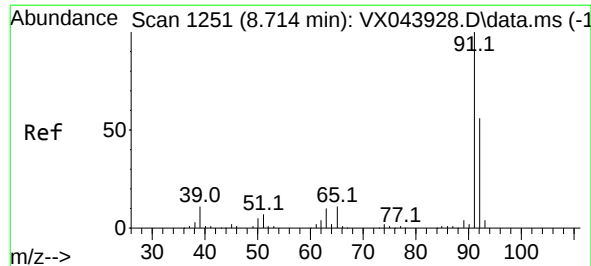
Tgt Ion: 98 Resp: 249992

Ion Ratio Lower Upper

98 100

100 65.2 52.6 79.0





#52

Toluene

Concen: 11.928 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

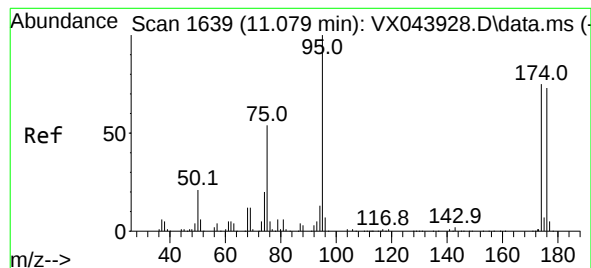
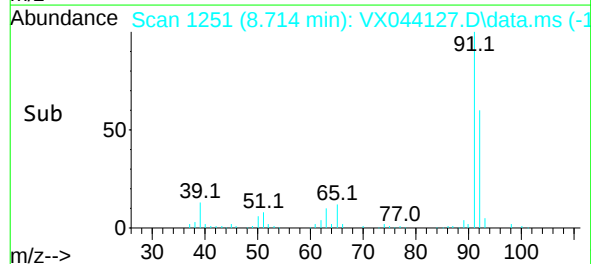
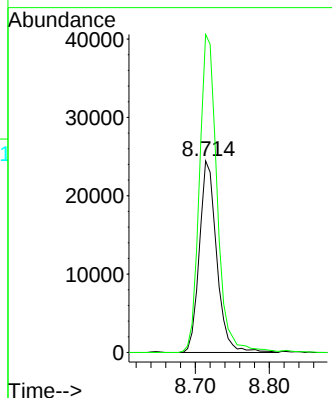
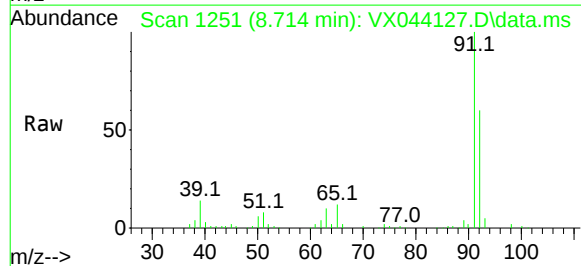
SPLP-C12-2RE

Tgt Ion: 92 Resp: 39742

Ion Ratio Lower Upper

92 100

91 169.5 139.7 209.5



#62

4-Bromofluorobenzene

Concen: 50.821 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

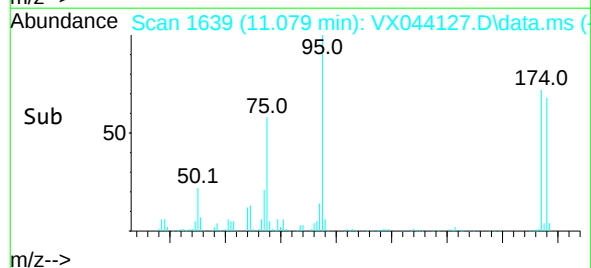
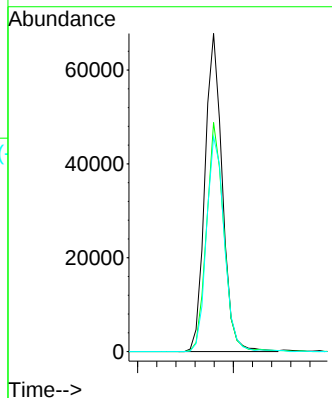
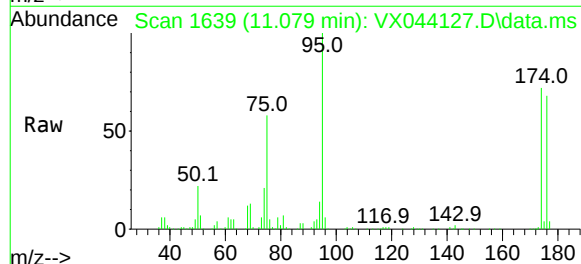
Tgt Ion: 95 Resp: 85505

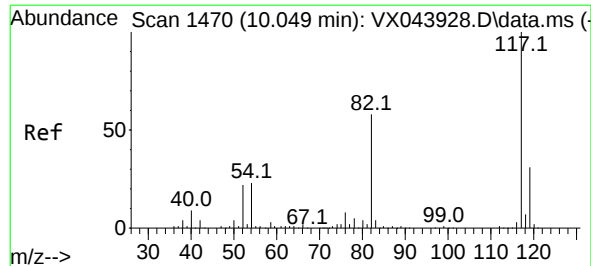
Ion Ratio Lower Upper

95 100

174 71.7 0.0 150.4

176 69.4 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2RE

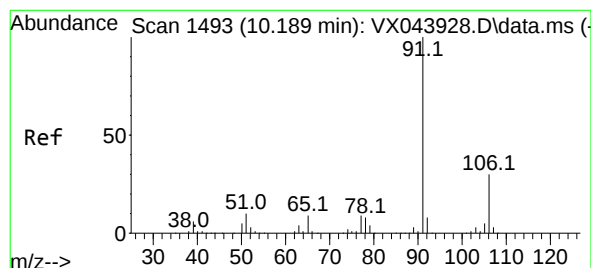
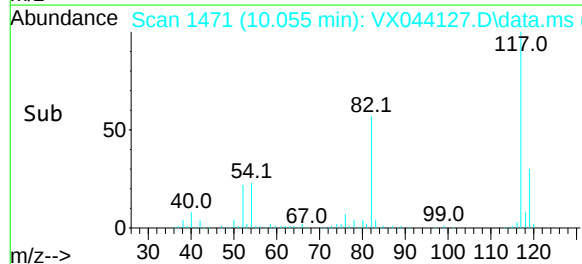
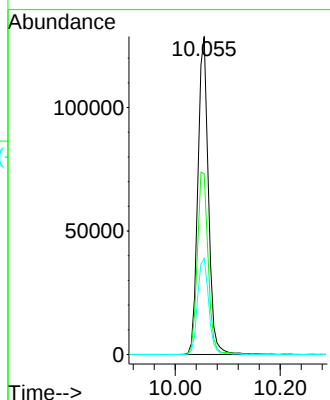
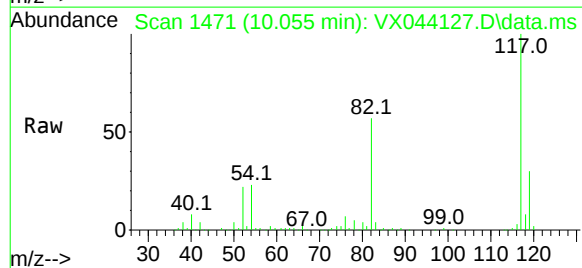
Tgt Ion:117 Resp: 178485

Ion Ratio Lower Upper

117 100

82 56.8 46.4 69.6

119 30.2 24.6 37.0



#67

Ethyl Benzene

Concen: 92.473 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044127.D

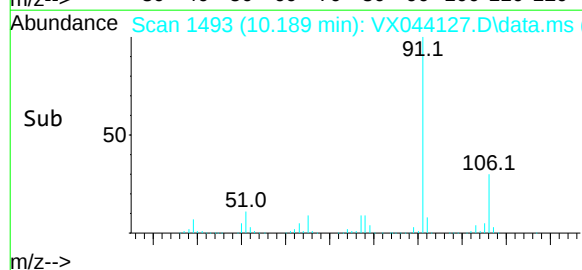
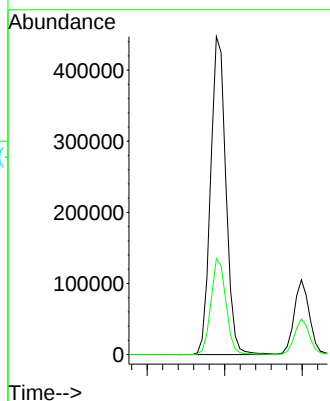
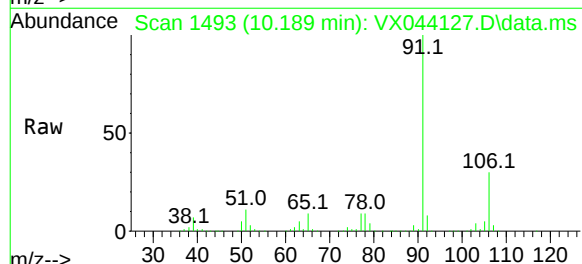
Acq: 04 Dec 2024 19:11

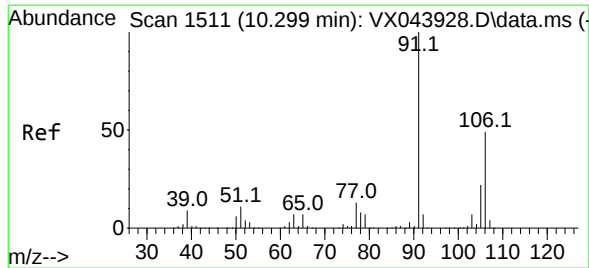
Tgt Ion: 91 Resp: 614250

Ion Ratio Lower Upper

91 100

106 30.1 23.6 35.4





#68

m/p-Xylenes

Concen: 26.854 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

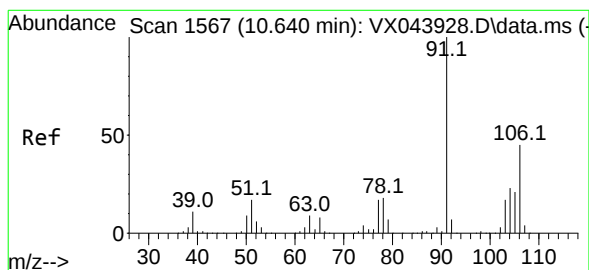
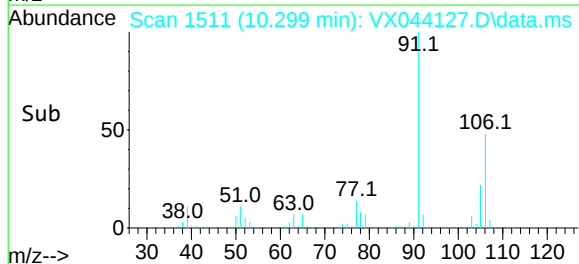
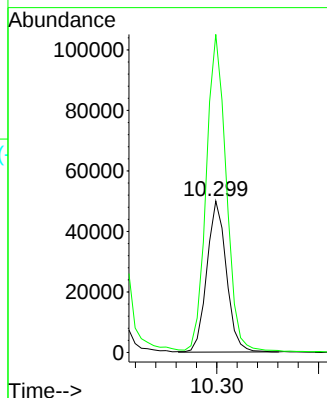
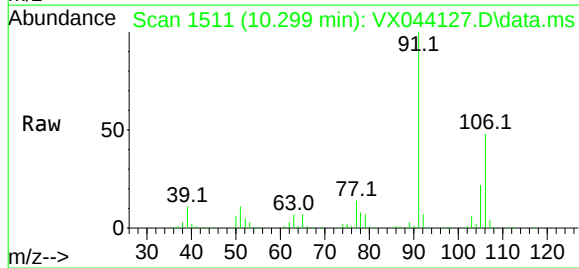
SPLP-C12-2RE

Tgt Ion:106 Resp: 66521

Ion Ratio Lower Upper

106 100

91 217.1 168.1 252.1



#69

o-Xylene

Concen: 27.145 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044127.D

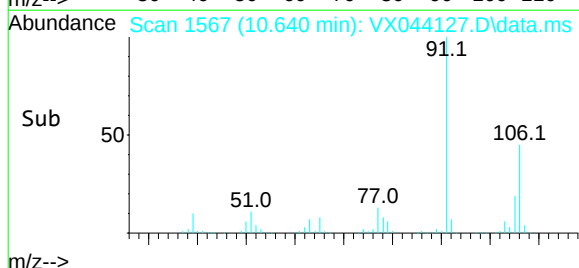
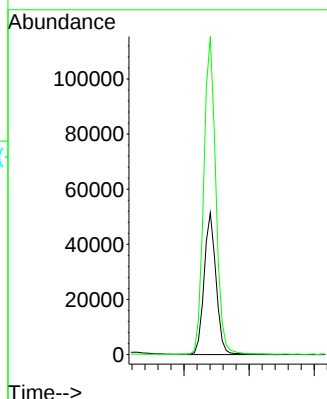
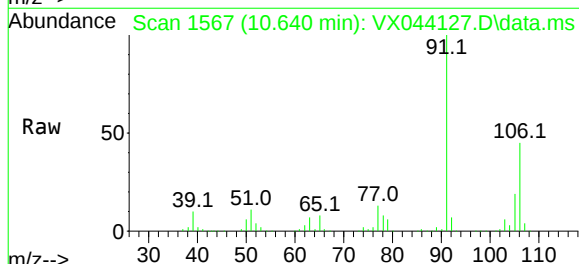
Acq: 04 Dec 2024 19:11

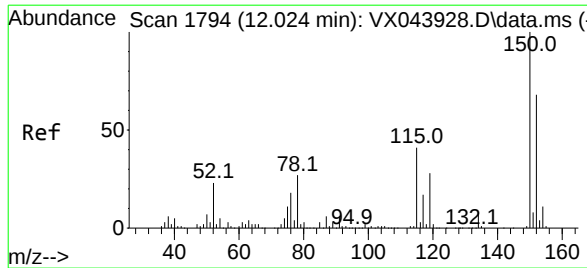
Tgt Ion:106 Resp: 65653

Ion Ratio Lower Upper

106 100

91 226.4 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 17

Delta R.T. -0.000 min

Lab File: VX044127.D

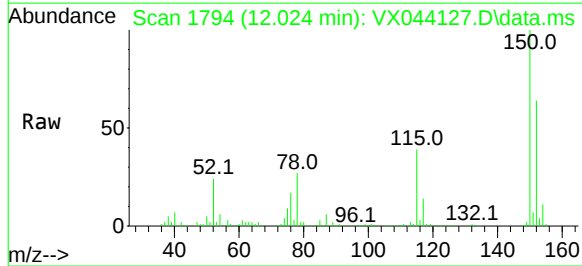
Acq: 04 Dec 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2RE



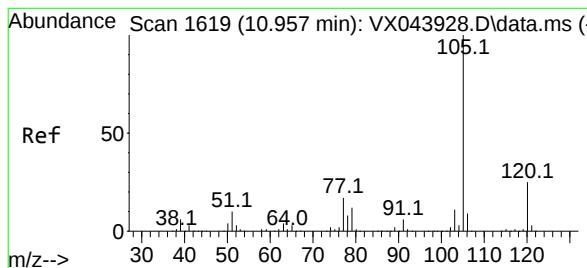
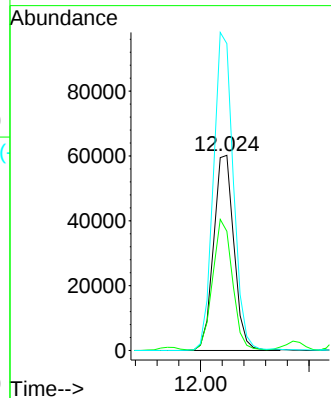
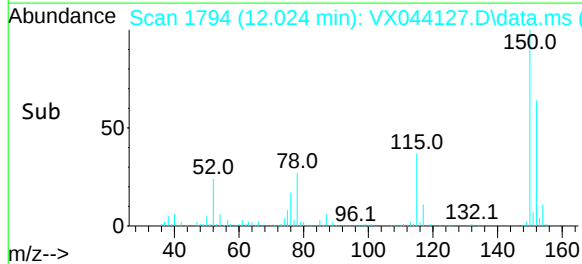
Tgt Ion:152 Resp: 78276

Ion Ratio Lower Upper

152 100

115 64.6 45.4 136.2

150 160.5 0.0 353.0



#73

Isopropylbenzene

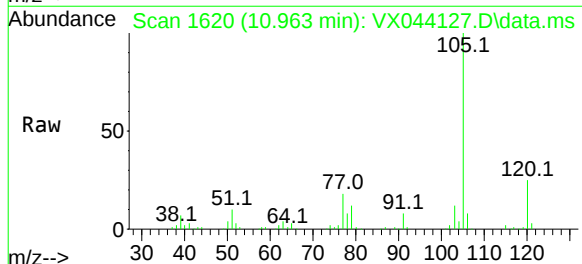
Concen: 7.517 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

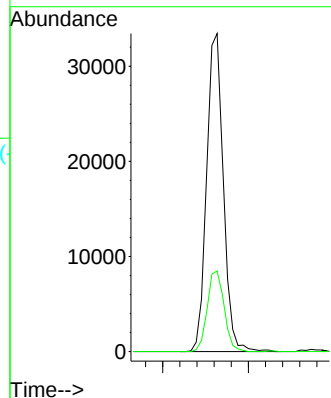
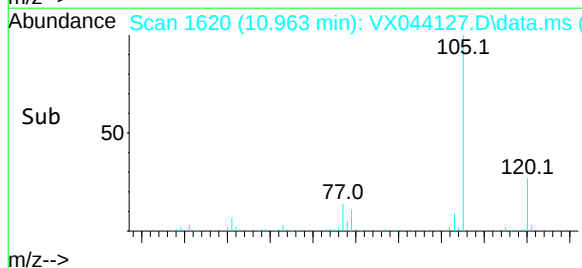


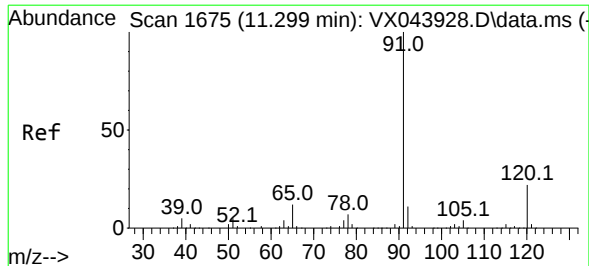
Tgt Ion:105 Resp: 45227

Ion Ratio Lower Upper

105 100

120 25.6 13.0 38.9





#78

n-propylbenzene

Concen: 3.148 ug/l

RT: 11.305 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VX044127.D

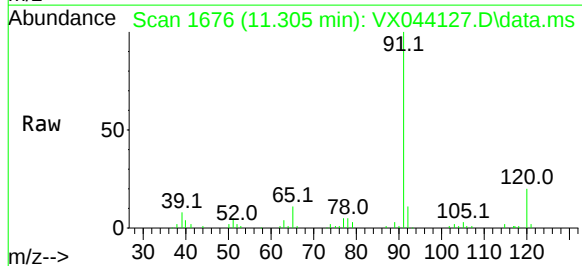
Acq: 04 Dec 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2RE

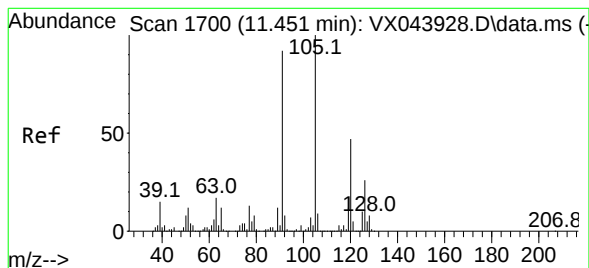
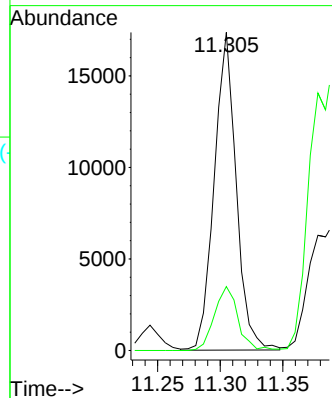
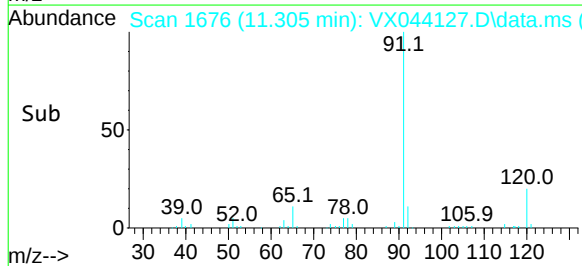


Tgt Ion: 91 Resp: 21157

Ion Ratio Lower Upper

91 100

120 21.7 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 8.962 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044127.D

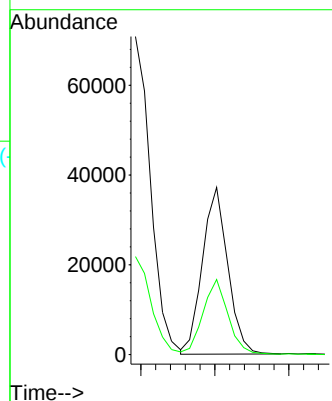
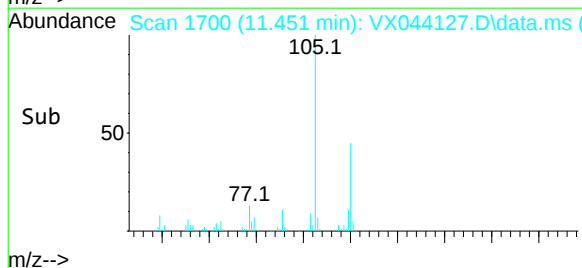
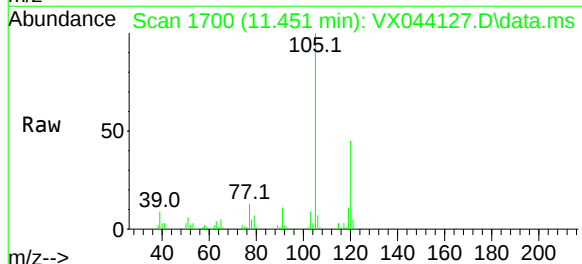
Acq: 04 Dec 2024 19:11

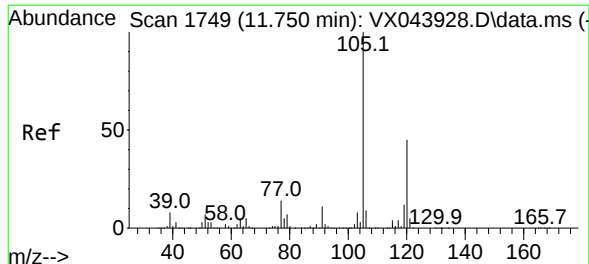
Tgt Ion: 105 Resp: 44365

Ion Ratio Lower Upper

105 100

120 45.2 23.3 69.8





#84

1,2,4-Trimethylbenzene

Concen: 31.800 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

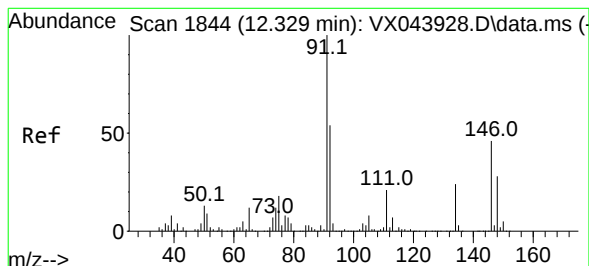
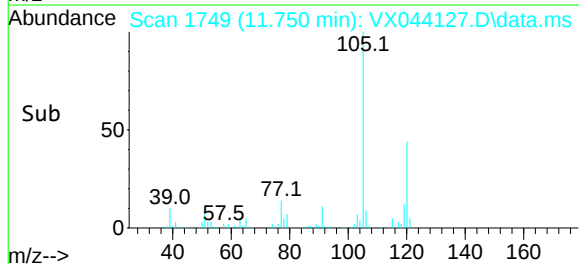
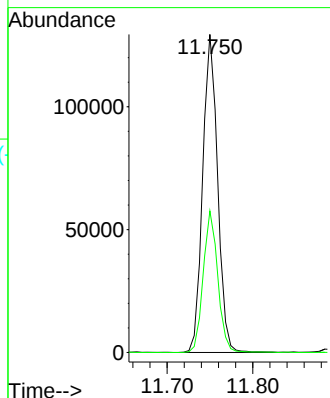
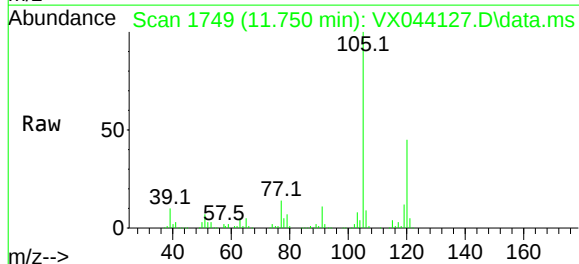
SPLP-C12-2RE

Tgt Ion: 105 Resp: 156722

Ion Ratio Lower Upper

105 100

120 43.6 21.9 65.7



#89

n-Butylbenzene

Concen: 1.872 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.012 min

Lab File: VX044127.D

Acq: 04 Dec 2024 19:11

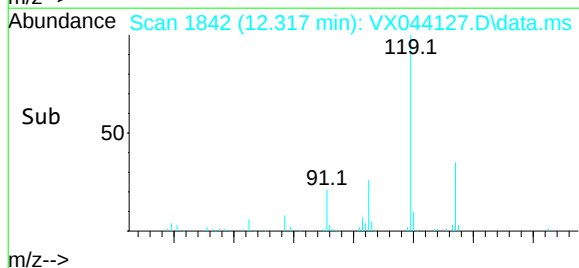
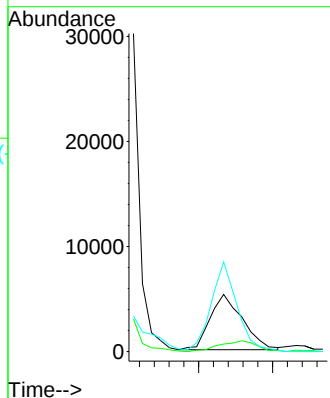
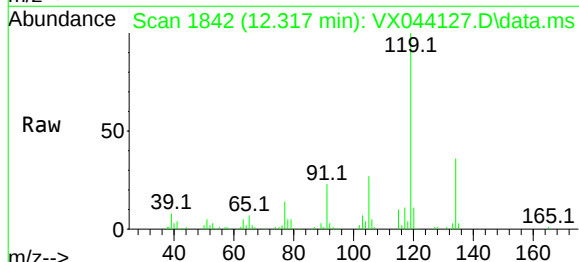
Tgt Ion: 91 Resp: 8059

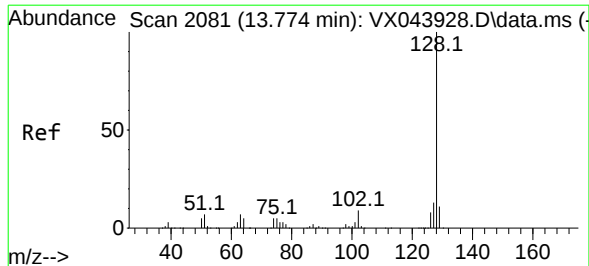
Ion Ratio Lower Upper

91 100

92 22.3 26.6 79.8#

134 129.4 12.4 37.2#





#95

Naphthalene

Concen: 1529.974 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX044127.D

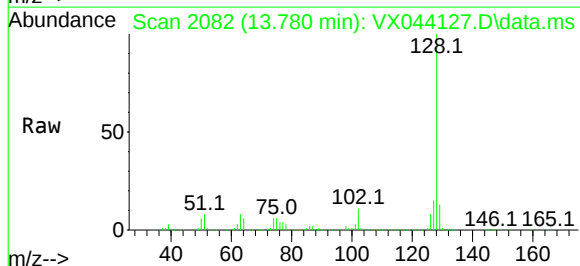
Acq: 04 Dec 2024 19:11

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-2RE



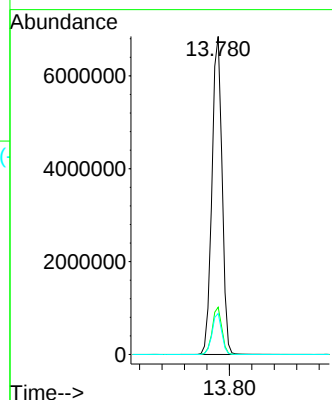
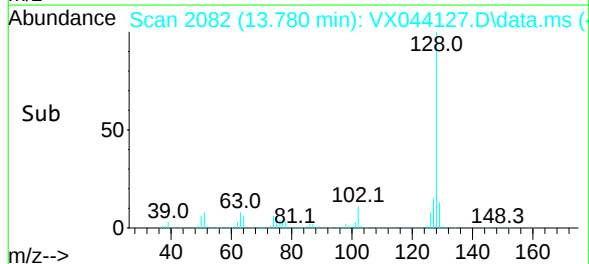
Tgt Ion:128 Resp: 8566292

Ion	Ratio	Lower	Upper
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128	100		
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127	14.2	10.2	15.2
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129	12.3	8.6	12.8
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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-3	SDG No.:	P5006
Lab Sample ID:	P5006-17	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044105.D	1		12/03/24 19:55	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	11.4	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	3.20	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	8.10		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-3	SDG No.:	P5006
Lab Sample ID:	P5006-17	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044105.D	1		12/03/24 19:55	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	65.0		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	19.1		0.31	10.0	ug/L
95-47-6	o-Xylene	18.3		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	5.10		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	36.6		70 (75) - 130 (124)	73%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.6		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	119000	5.55			
540-36-3	1,4-Difluorobenzene	232000	6.757			
3114-55-4	Chlorobenzene-d5	206000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	96300	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-3	SDG No.:	P5006
Lab Sample ID:	P5006-17	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044105.D	1		12/03/24 19:55	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044105.D
 Acq On : 03 Dec 2024 19:55
 Operator : JC/MD
 Sample : P5006-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C12-3

Quant Time: Dec 04 00:17:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

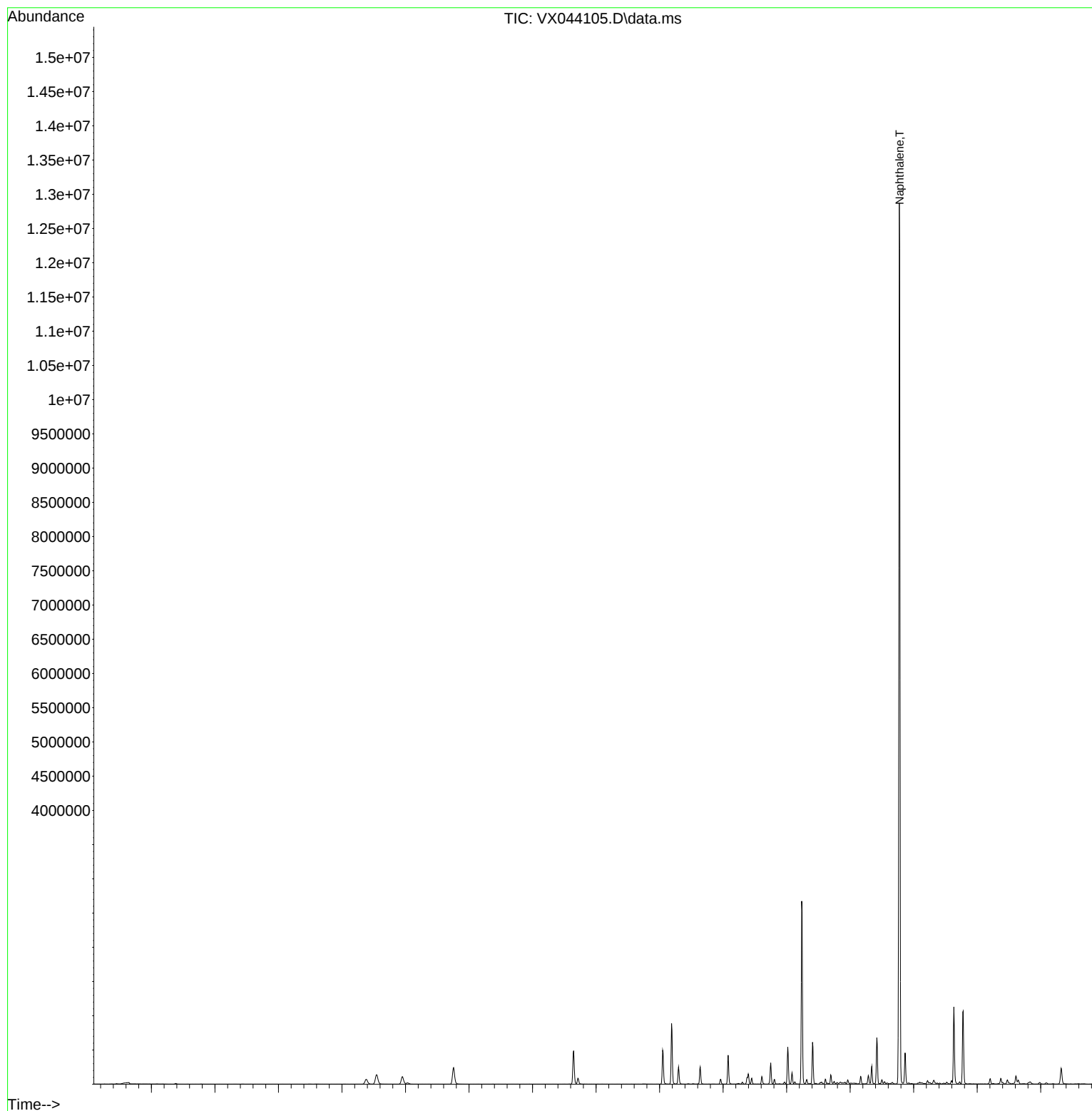
Internal Standards						
1) Pentafluorobenzene	5.550	168	118829	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	231895	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	206380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	108937	53.450	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.900%			
35) Dibromofluoromethane	5.385	113	60647	36.600	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 73.200%#			
50) Toluene-d8	8.647	98	287010	50.248	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	11.079	95	104182	53.594	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.180%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	10648	11.375	ug/l	94
40) Benzene	6.031	78	20649	3.210	ug/l	92
52) Toluene	8.714	92	31357	8.145	ug/l	98
67) Ethyl Benzene	10.189	91	499112	64.983	ug/l	99
68) m/p-Xylenes	10.299	106	54582	19.056	ug/l	99
69) o-Xylene	10.640	106	51215	18.313	ug/l	94
73) Isopropylbenzene	10.964	105	37848	5.111	ug/l	100
78) n-propylbenzene	11.305	91	17579	2.125	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	36817	6.043	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	127647	21.044	ug/l	99
89) n-Butylbenzene	12.317	91	6644	1.254	ug/l #	3
95) Naphthalene	13.780	128	7199578	1044.790	ug/l	97

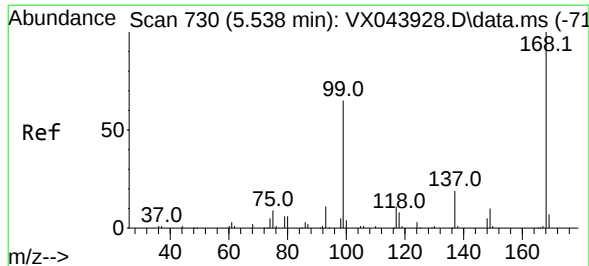
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044105.D
Acq On : 03 Dec 2024 19:55
Operator : JC/MD
Sample : P5006-17
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3

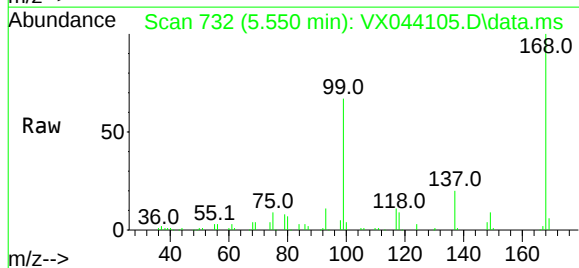
Quant Time: Dec 04 00:17:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



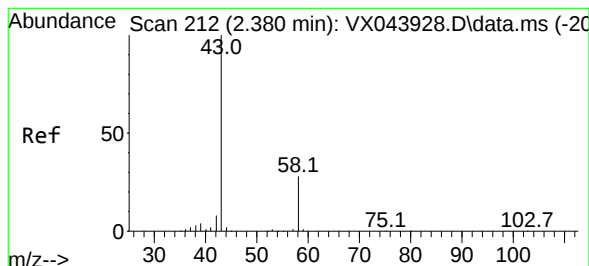
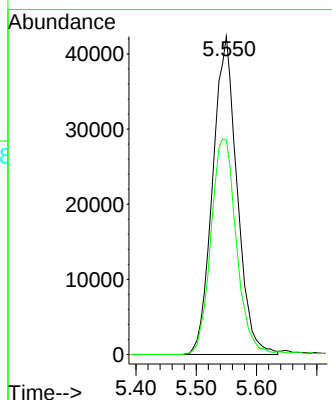
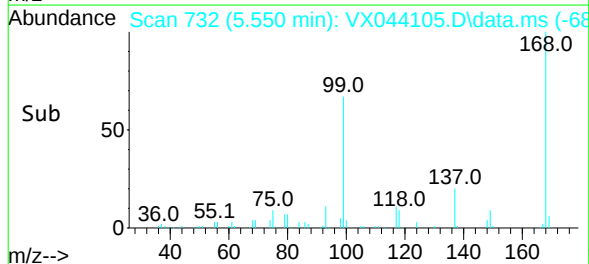


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 730
Delta R.T. 0.012 min
Lab File: VX044105.D
Acq: 03 Dec 2024 19:55

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3

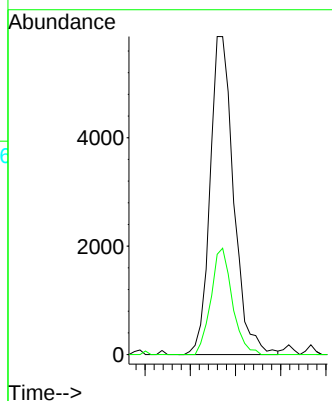
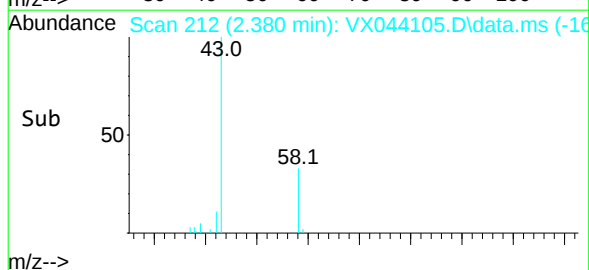
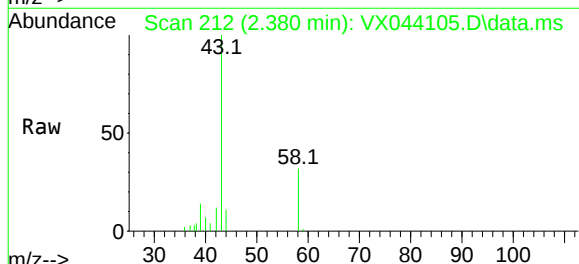


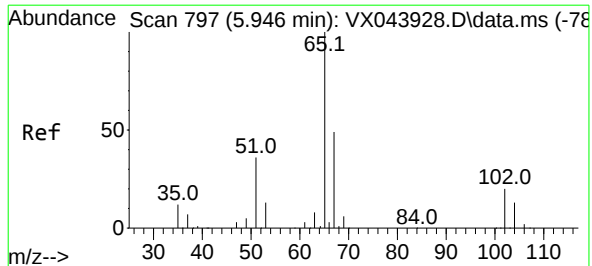
Tgt Ion:168 Resp: 118829
Ion Ratio Lower Upper
168 100
99 67.4 51.8 77.8



#16
Acetone
Concen: 11.375 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX044105.D
Acq: 03 Dec 2024 19:55

Tgt Ion: 43 Resp: 10648
Ion Ratio Lower Upper
43 100
58 31.5 22.7 34.1





#33

1,2-Dichloroethane-d4

Concen: 53.450 ug/l

RT: 5.952 min Scan# 79

Delta R.T. 0.006 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

Instrument :

MSVOA_X

ClientSampleId :

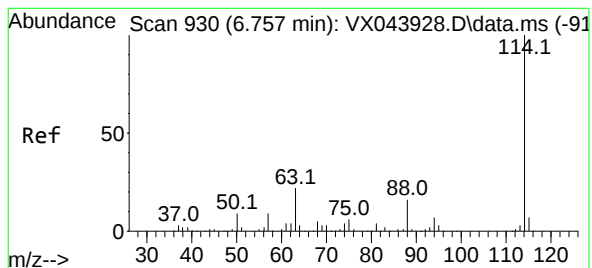
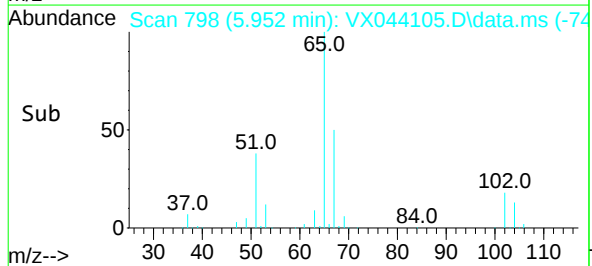
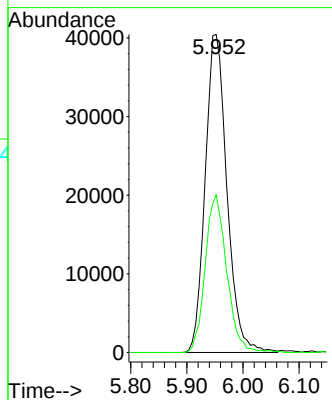
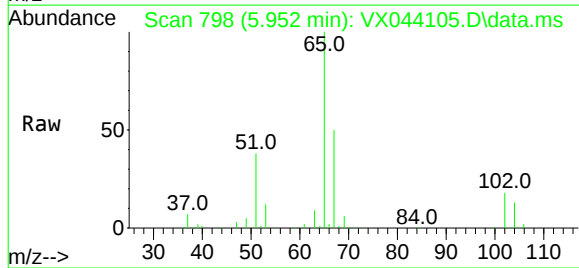
SPLP-C12-3

Tgt Ion: 65 Resp: 108937

Ion Ratio Lower Upper

65 100

67 49.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

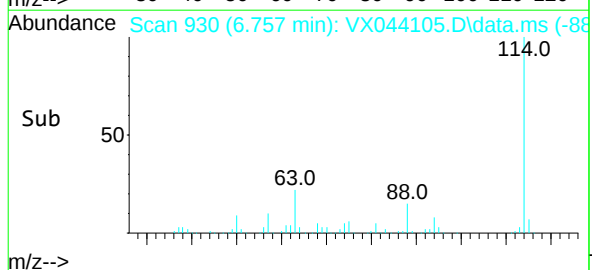
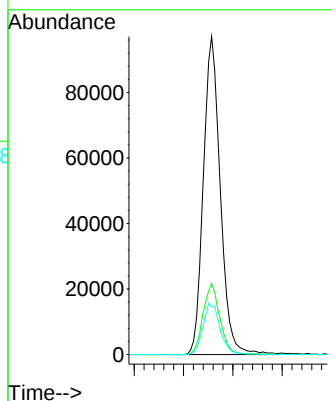
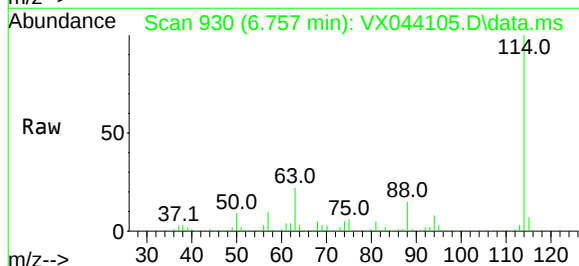
Tgt Ion: 114 Resp: 231895

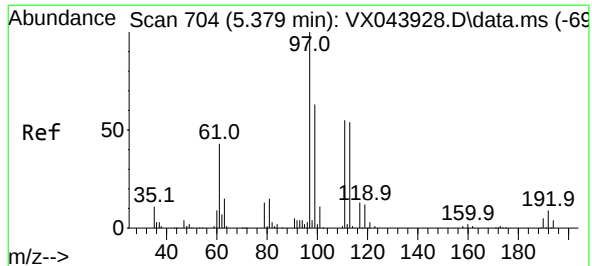
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.0

88 15.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 36.600 ug/l

RT: 5.385 min Scan# 70

Delta R.T. 0.006 min

Lab File: VX044105.D

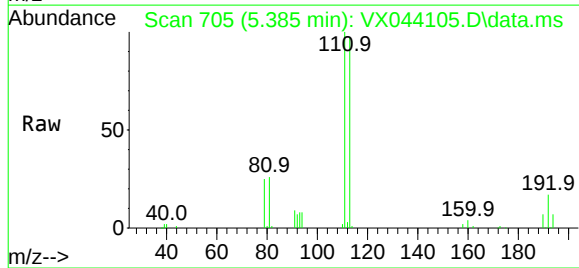
Acq: 03 Dec 2024 19:55

Instrument :

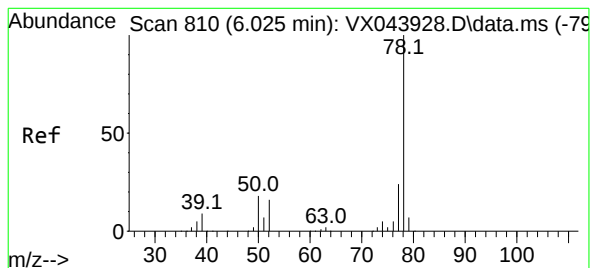
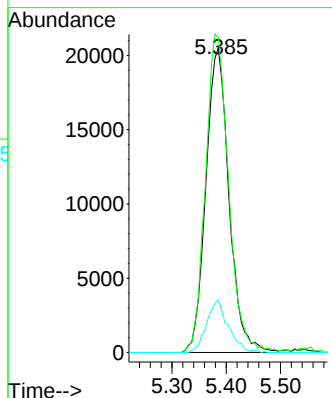
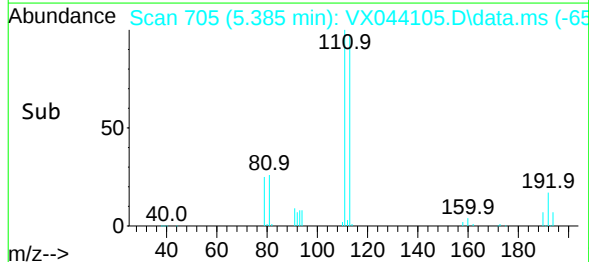
MSVOA_X

ClientSampleId :

SPLP-C12-3



Tgt Ion:	113	Resp:	60647
Ion	Ratio	Lower	Upper
113	100		
111	105.3	81.0	121.4
192	16.3	13.0	19.6



#40

Benzene

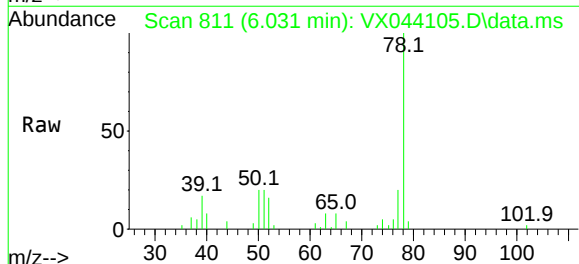
Concen: 3.210 ug/l

RT: 6.031 min Scan# 811

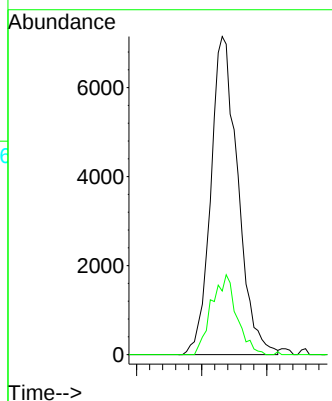
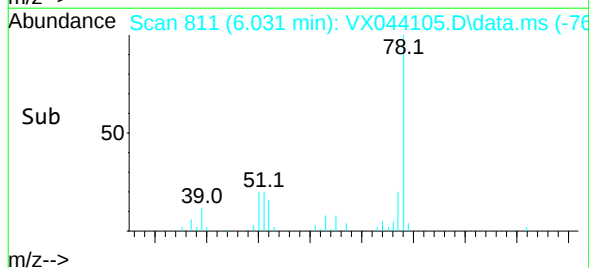
Delta R.T. 0.006 min

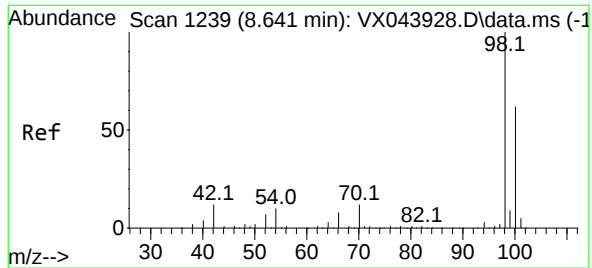
Lab File: VX044105.D

Acq: 03 Dec 2024 19:55



Tgt Ion:	78	Resp:	20649
Ion	Ratio	Lower	Upper
78	100		
77	20.0	19.2	28.8





#50

Toluene-d8

Concen: 50.248 ug/l

RT: 8.647 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

Instrument :

MSVOA_X

ClientSampleId :

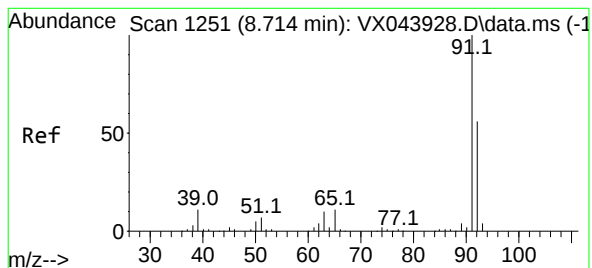
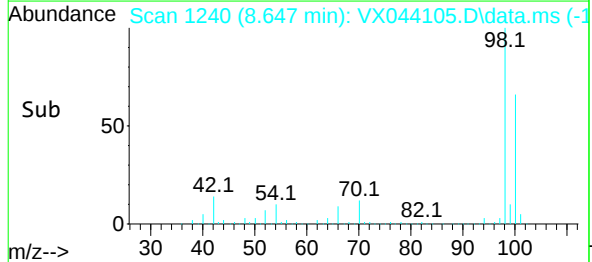
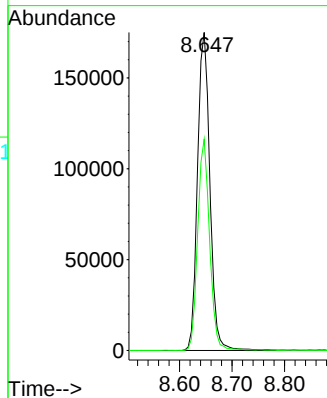
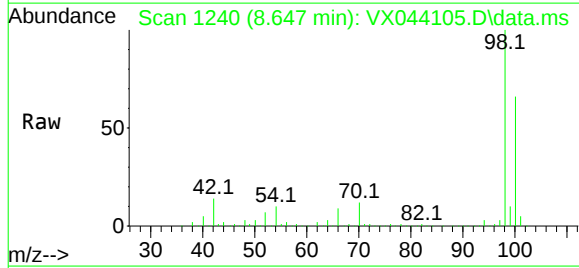
SPLP-C12-3

Tgt Ion: 98 Resp: 287010

Ion Ratio Lower Upper

98 100

100 63.9 52.6 79.0



#52

Toluene

Concen: 8.145 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX044105.D

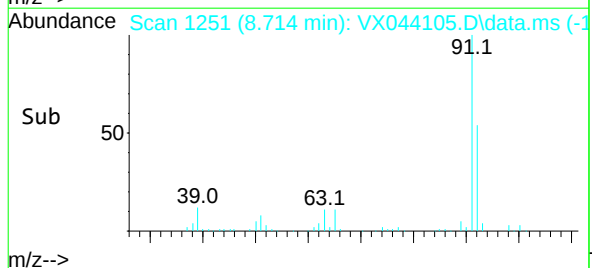
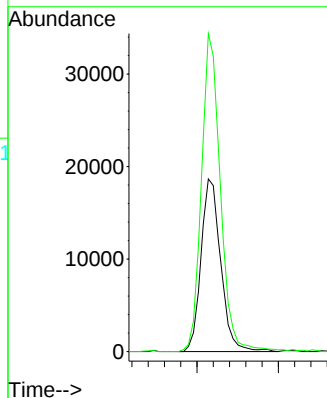
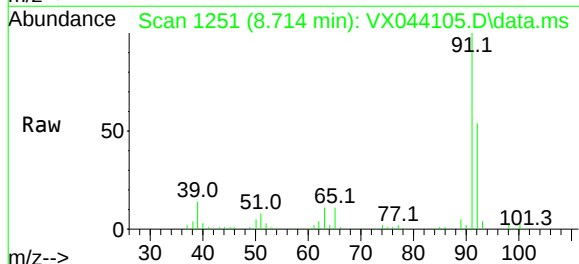
Acq: 03 Dec 2024 19:55

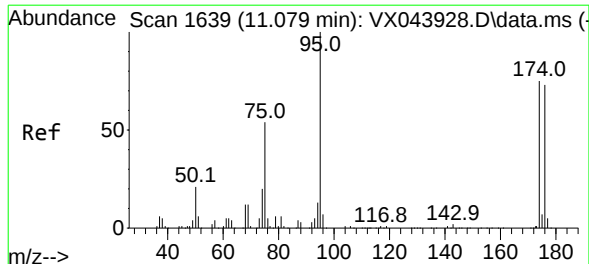
Tgt Ion: 92 Resp: 31357

Ion Ratio Lower Upper

92 100

91 177.2 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 53.594 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044105.D

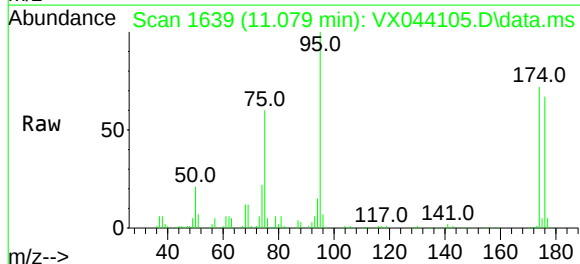
Acq: 03 Dec 2024 19:55

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-3



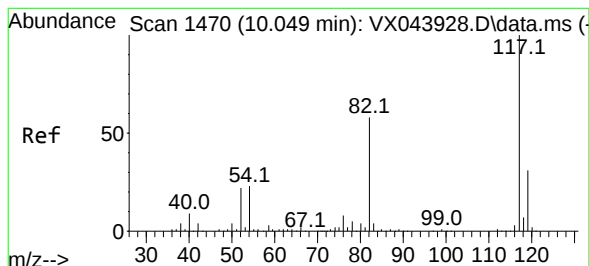
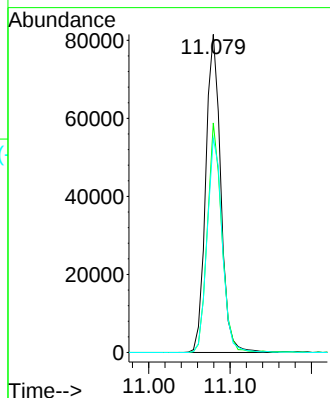
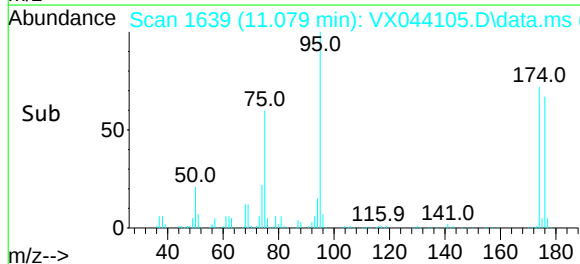
Tgt Ion: 95 Resp: 104182

Ion Ratio Lower Upper

95 100

174 68.9 0.0 150.4

176 67.8 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

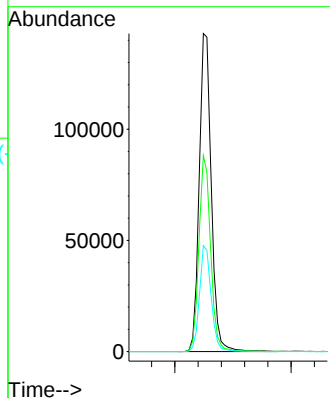
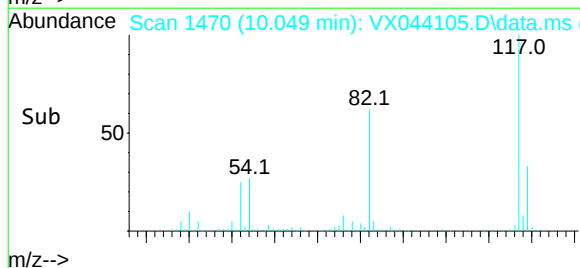
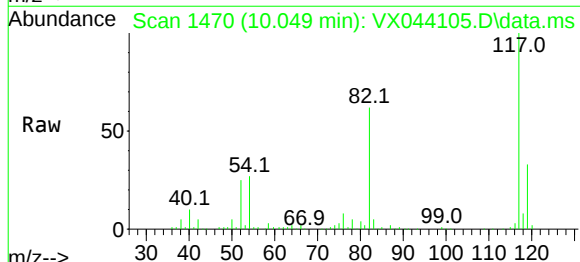
Tgt Ion: 117 Resp: 206380

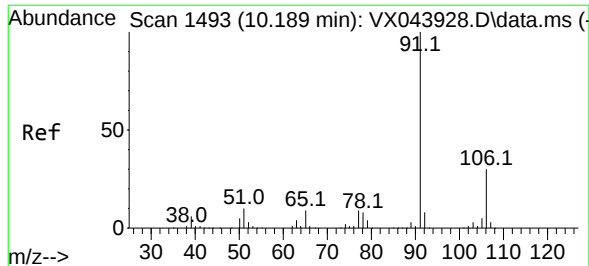
Ion Ratio Lower Upper

117 100

82 61.6 46.4 69.6

119 33.3 24.6 37.0





#67

Ethyl Benzene

Concen: 64.983 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044105.D

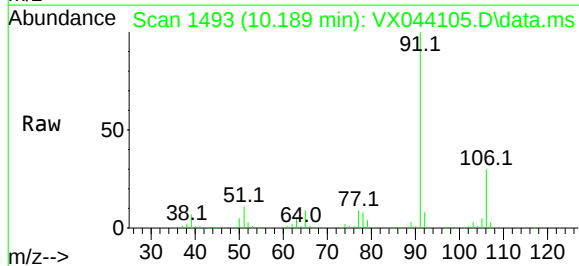
Acq: 03 Dec 2024 19:55

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-3

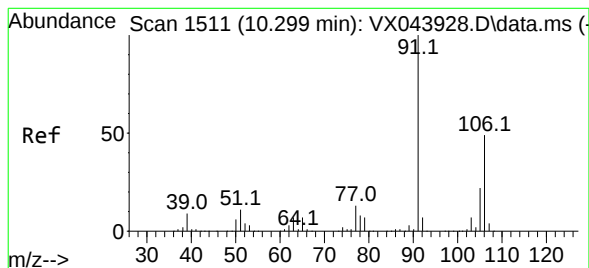
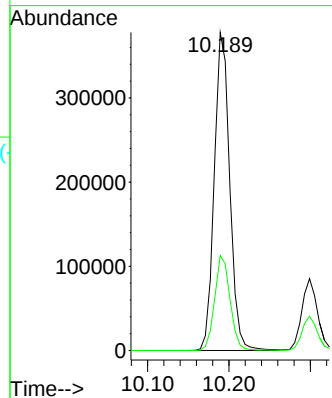
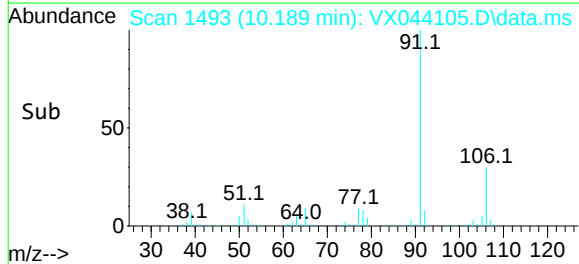


Tgt Ion: 91 Resp: 499112

Ion Ratio Lower Upper

91 100

106 29.9 23.6 35.4



#68

m/p-Xylenes

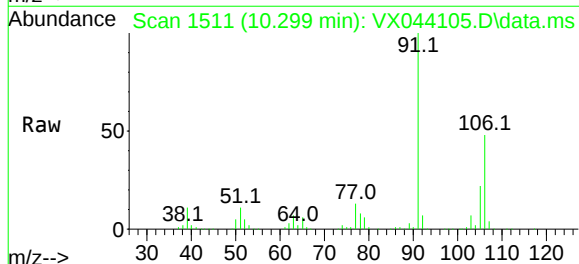
Concen: 19.056 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

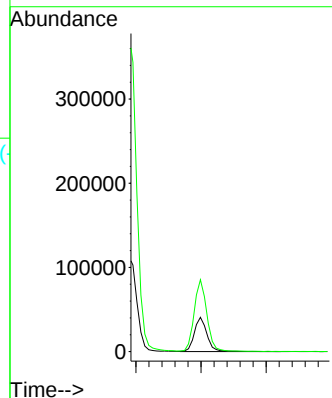
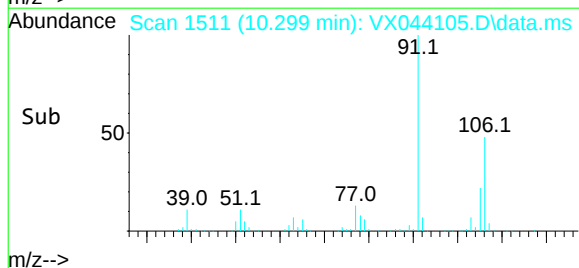


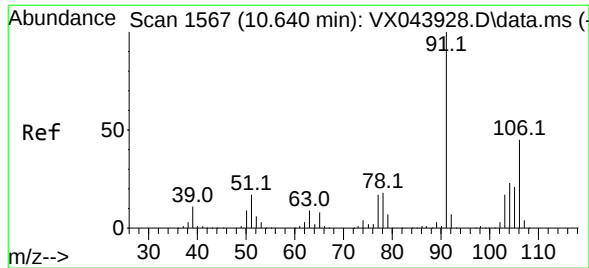
Tgt Ion: 106 Resp: 54582

Ion Ratio Lower Upper

106 100

91 211.9 168.1 252.1





#69

o-Xylene

Concen: 18.313 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

Instrument :

MSVOA_X

ClientSampleId :

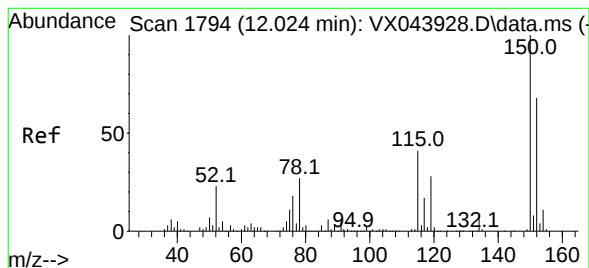
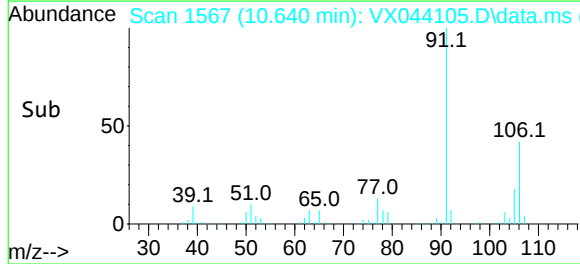
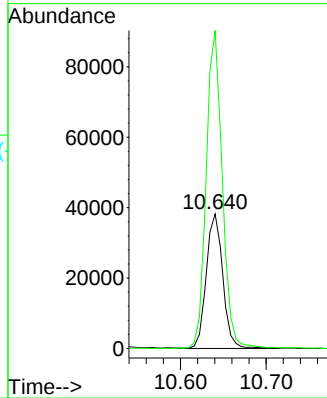
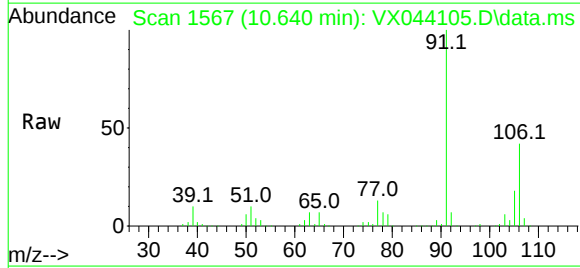
SPLP-C12-3

Tgt Ion:106 Resp: 51215

Ion Ratio Lower Upper

106 100

91 230.8 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

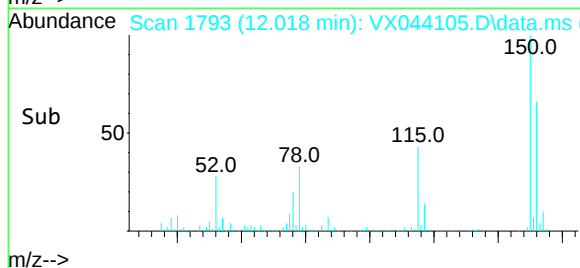
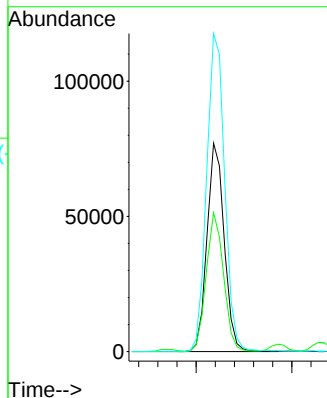
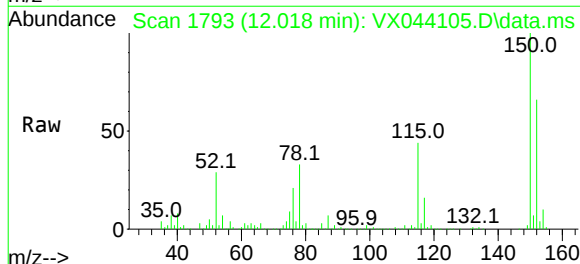
Tgt Ion:152 Resp: 96338

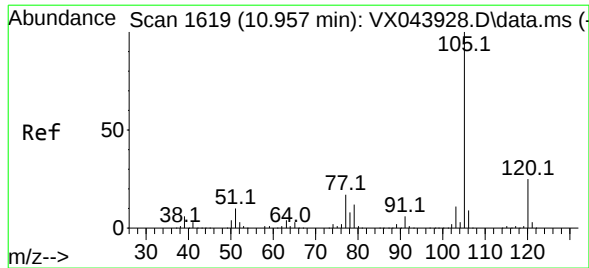
Ion Ratio Lower Upper

152 100

115 66.6 45.4 136.2

150 159.8 0.0 353.0





#73

Isopropylbenzene

Concen: 5.111 ug/l

RT: 10.964 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

Instrument :

MSVOA_X

ClientSampleId :

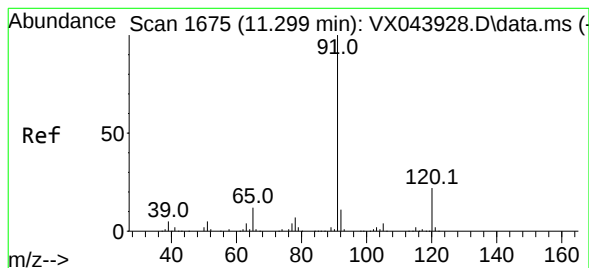
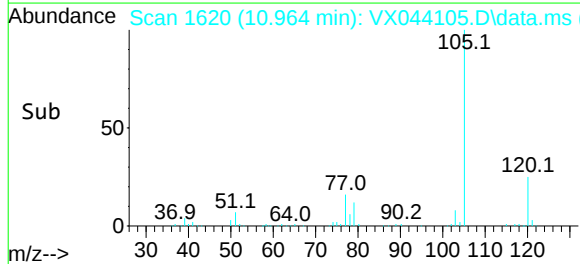
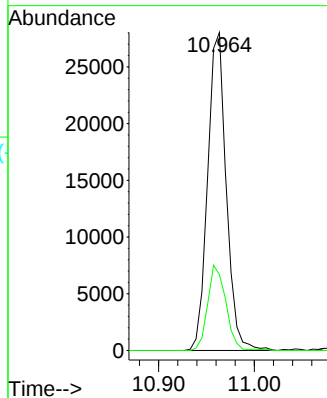
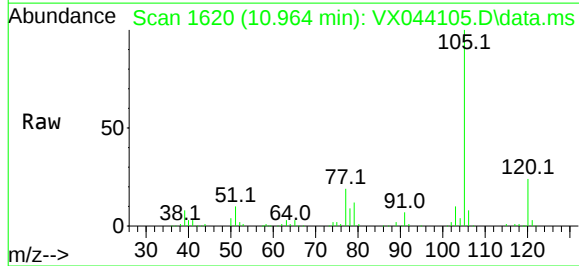
SPLP-C12-3

Tgt Ion: 105 Resp: 37848

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#78

n-propylbenzene

Concen: 2.125 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044105.D

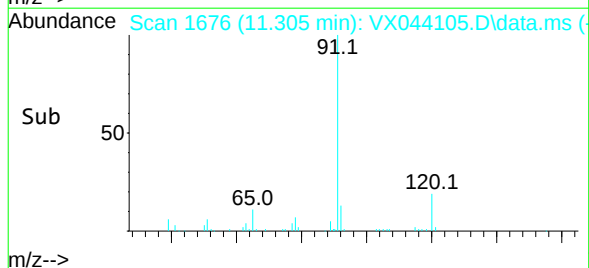
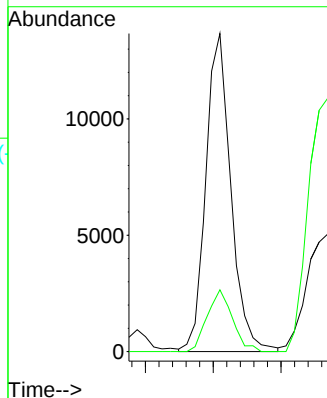
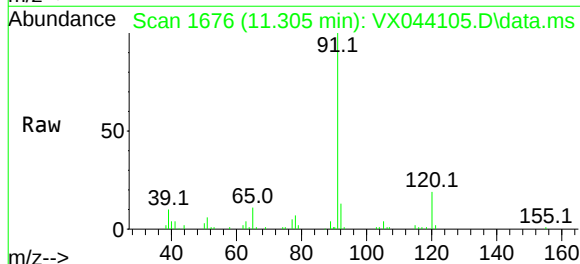
Acq: 03 Dec 2024 19:55

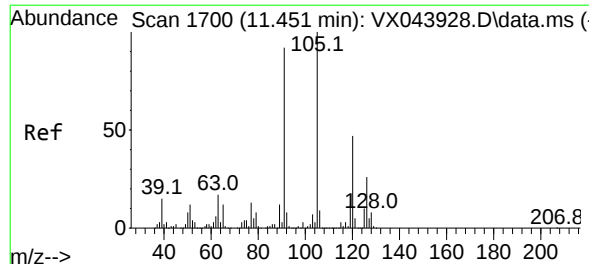
Tgt Ion: 91 Resp: 17579

Ion Ratio Lower Upper

91 100

120 19.5 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 6.043 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

Instrument :

MSVOA_X

ClientSampleId :

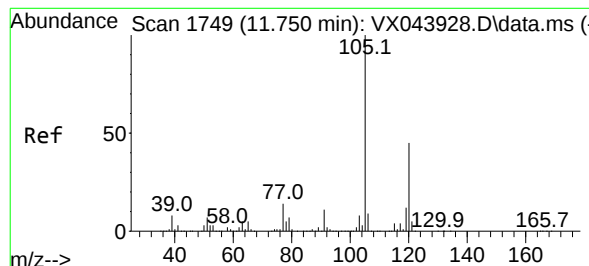
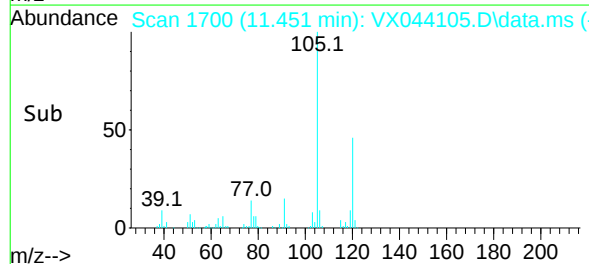
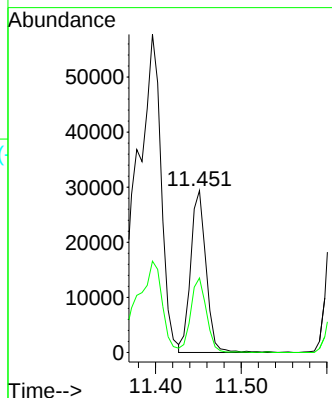
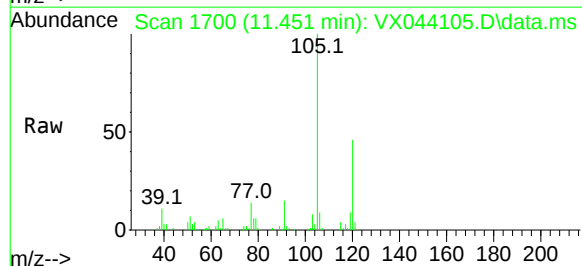
SPLP-C12-3

Tgt Ion:105 Resp: 36817

Ion Ratio Lower Upper

105 100

120 46.8 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 21.044 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044105.D

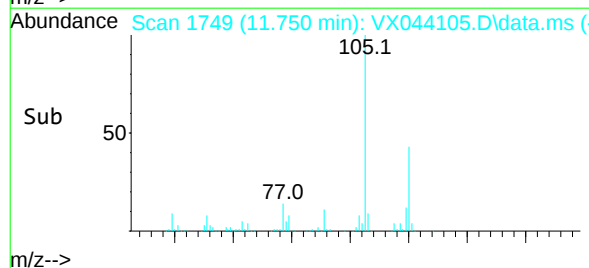
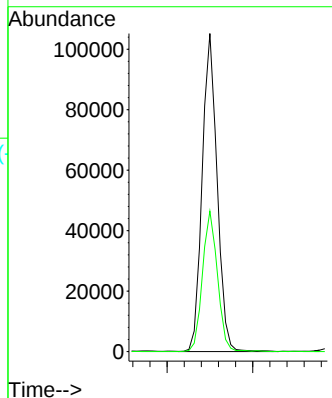
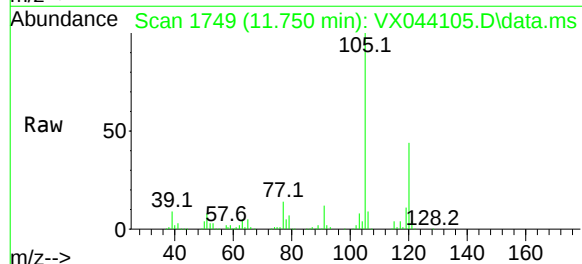
Acq: 03 Dec 2024 19:55

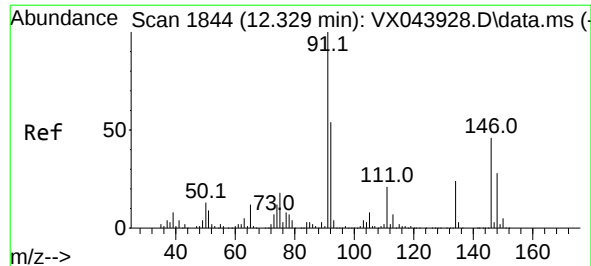
Tgt Ion:105 Resp: 127647

Ion Ratio Lower Upper

105 100

120 44.3 21.9 65.7





#89

n-Butylbenzene

Concen: 1.254 ug/l

RT: 12.317 min Scan# 18

Delta R.T. -0.012 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-3

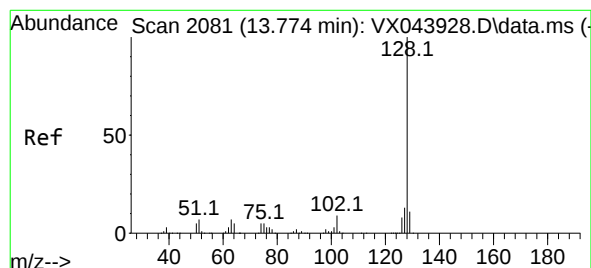
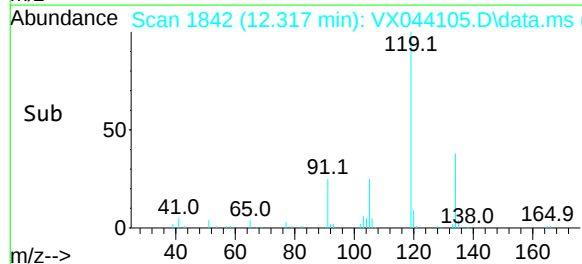
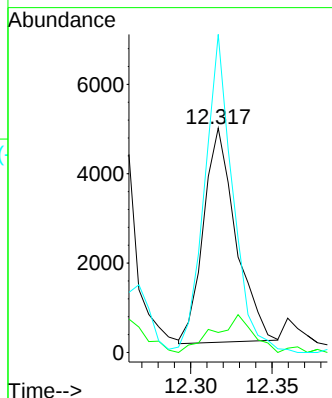
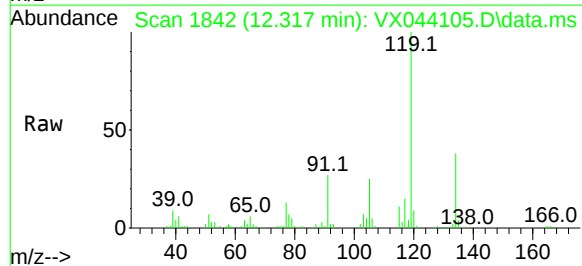
Tgt Ion: 91 Resp: 6644

Ion Ratio Lower Upper

91 100

92 21.2 26.6 79.8#

134 129.6 12.4 37.2#



#95

Naphthalene

Concen: 1044.790 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044105.D

Acq: 03 Dec 2024 19:55

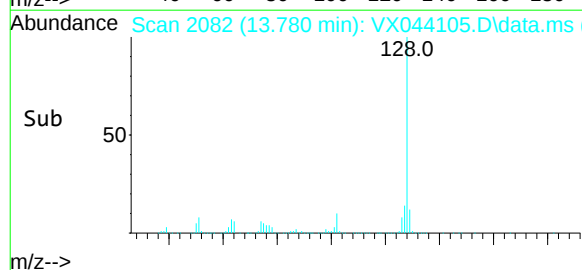
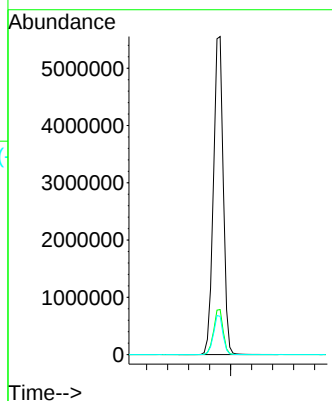
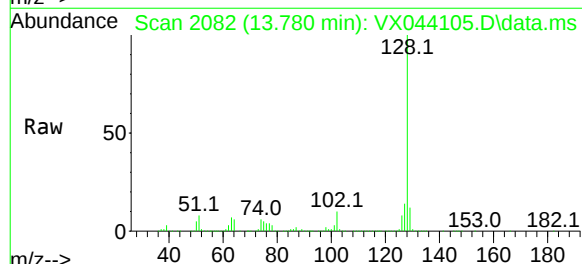
Tgt Ion: 128 Resp: 7199578

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 11.8 8.6 12.8



Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-17RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044128.D	1		12/04/24 19:34	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	14.1	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	3.50	J	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	9.10		0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-17RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044128.D	1		12/04/24 19:34	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	75.9		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	21.2		0.31	10.0	ug/L
95-47-6	o-Xylene	20.8		0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	6.30		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	37.0		70 (75) - 130 (124)	74%	SPK: 50
2037-26-5	Toluene-d8	49.0		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	105000	5.543			
540-36-3	1,4-Difluorobenzene	200000	6.757			
3114-55-4	Chlorobenzene-d5	170000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	72600	12.018			

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	11/26/24
Client Sample ID:	SPLP-C12-3RE	SDG No.:	P5006
Lab Sample ID:	P5006-17RE	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044128.D	1		12/04/24 19:34	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044128.D
 Acq On : 04 Dec 2024 19:34
 Operator : JC/MD
 Sample : P5006-17RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-C12-3RE

Quant Time: Dec 05 00:36:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

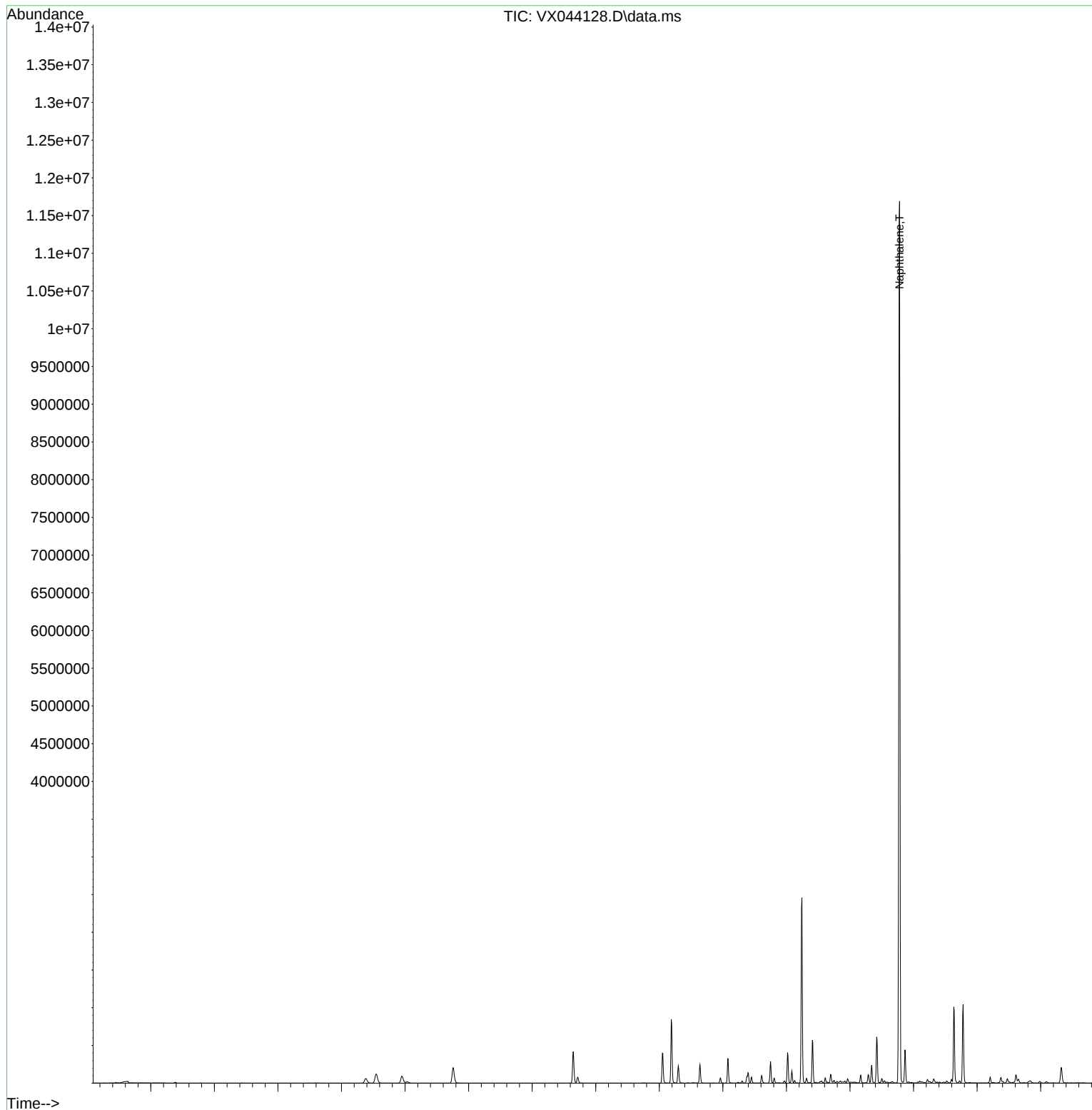
Internal Standards						
1) Pentafluorobenzene	5.543	168	105047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91944	51.031	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.060%			
35) Dibromofluoromethane	5.385	113	52759	36.976	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 73.960%#			
50) Toluene-d8	8.646	98	241206	49.040	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.080%			
62) 4-Bromofluorobenzene	11.079	95	82795	49.462	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.920%			
Target Compounds						
16) Acetone	2.385	43	11680	14.114	ug/l	93
40) Benzene	6.031	78	19379	3.499	ug/l	99
52) Toluene	8.720	92	30053	9.066	ug/l	100
67) Ethyl Benzene	10.189	91	479904	75.854	ug/l	99
68) m/p-Xylenes	10.299	106	49955	21.173	ug/l	94
69) o-Xylene	10.640	106	47801	20.751	ug/l	92
73) Isopropylbenzene	10.963	105	34991	6.270	ug/l	98
78) n-propylbenzene	11.305	91	16505	2.648	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	32960	7.179	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	117375	25.679	ug/l	99
89) n-Butylbenzene	12.317	91	6481	1.623	ug/l #	9
95) Naphthalene	13.780	128	6761793	1302.156	ug/l	97

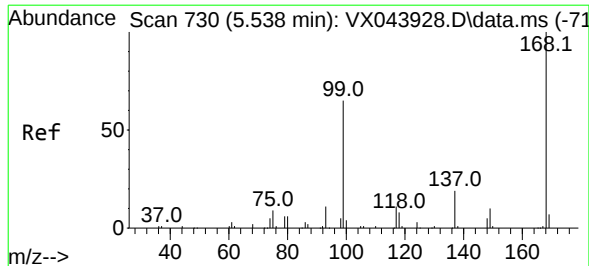
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044128.D
Acq On : 04 Dec 2024 19:34
Operator : JC/MD
Sample : P5006-17RE
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3RE

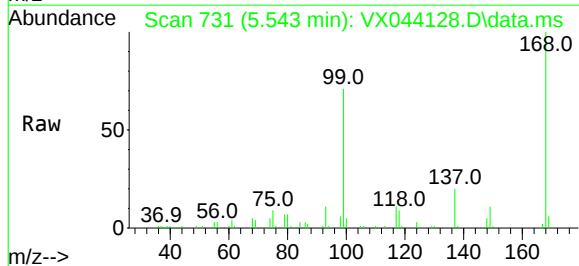
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



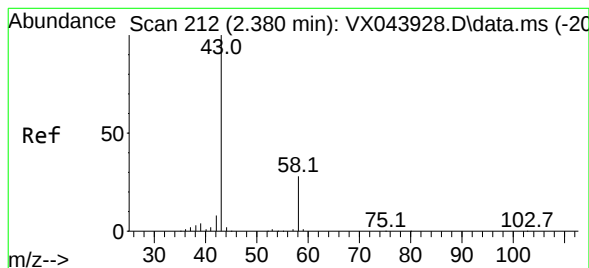
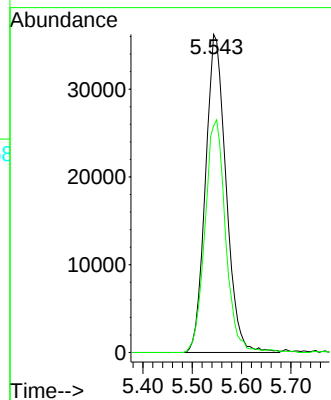
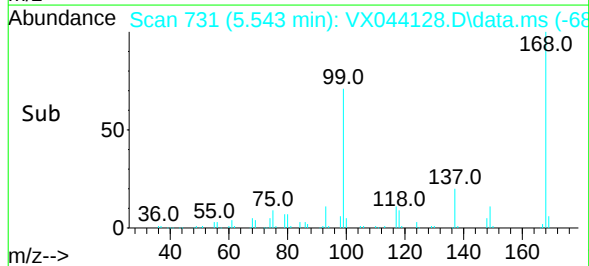


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.005 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3RE

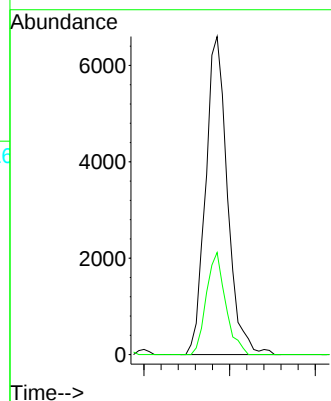
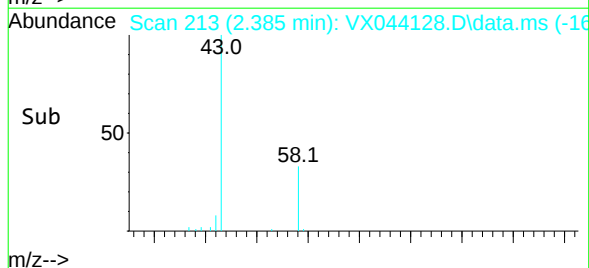
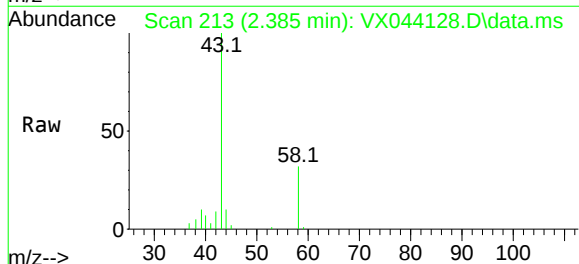


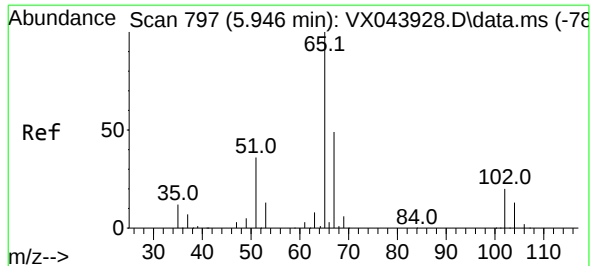
Tgt Ion: 168 Resp: 105047
Ion Ratio Lower Upper
168 100
99 71.3 51.8 77.8



#16
Acetone
Concen: 14.114 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Tgt Ion: 43 Resp: 11680
Ion Ratio Lower Upper
43 100
58 32.1 22.7 34.1

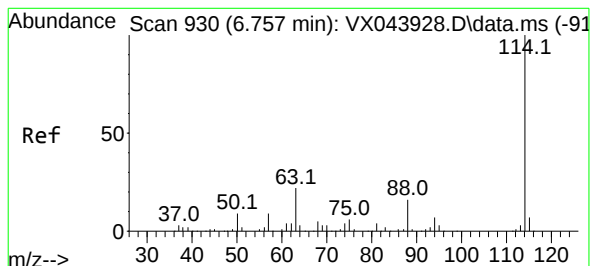
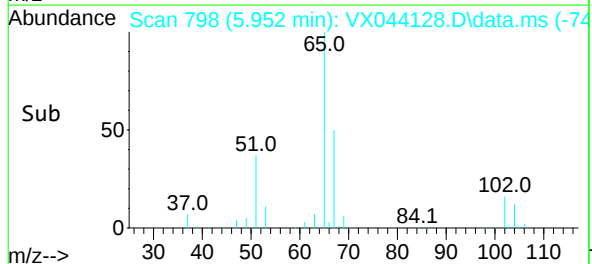
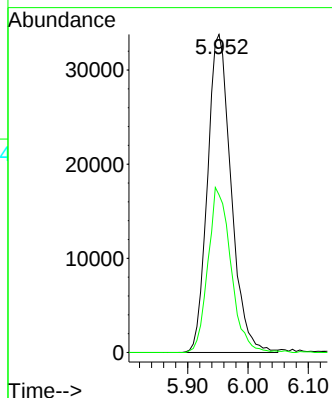
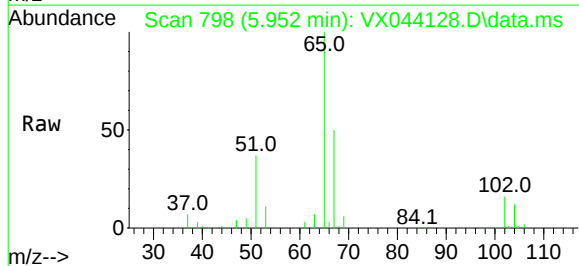




#33
1,2-Dichloroethane-d4
Concen: 51.031 ug/l
RT: 5.952 min Scan# 79
Delta R.T. 0.006 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

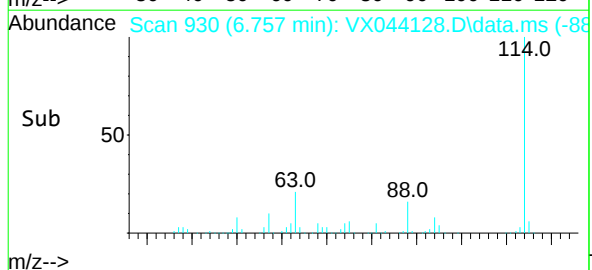
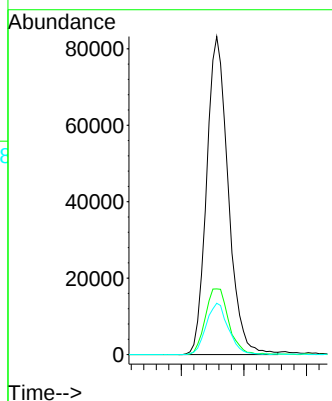
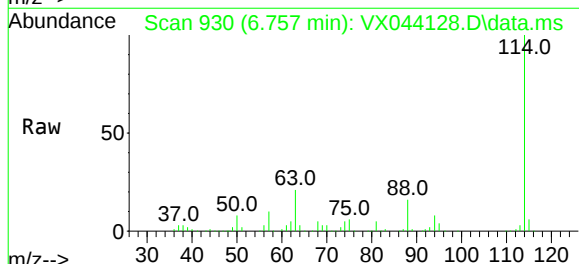
Instrument :
MSVOA_X
ClientSampleId :
SPLP-C12-3RE

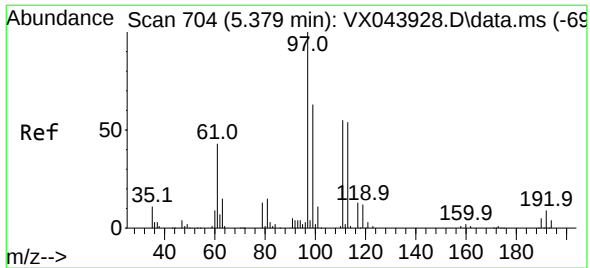
Tgt Ion: 65 Resp: 91944
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX044128.D
Acq: 04 Dec 2024 19:34

Tgt Ion: 114 Resp: 199686
Ion Ratio Lower Upper
114 100
63 20.6 0.0 44.0
88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 36.976 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX044128.D

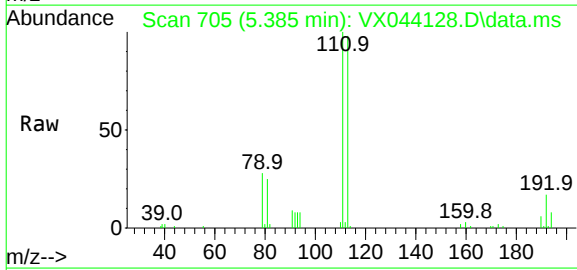
Acq: 04 Dec 2024 19:34

Instrument :

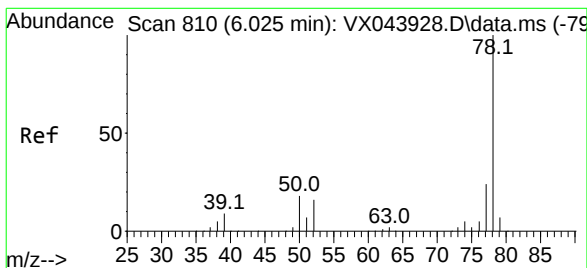
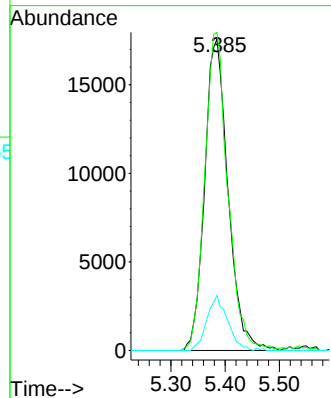
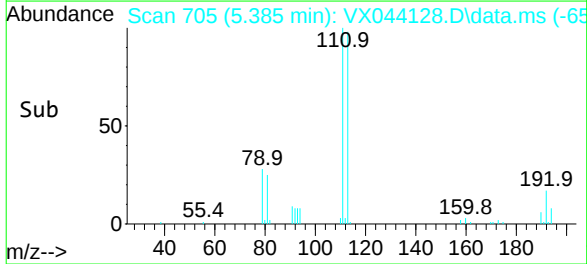
MSVOA_X

ClientSampleId :

SPLP-C12-3RE



Tgt Ion:	113	Resp:	52759
Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.0	121.4
192	15.6	13.0	19.6



#40

Benzene

Concen: 3.499 ug/l

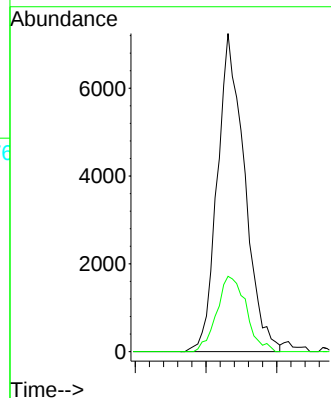
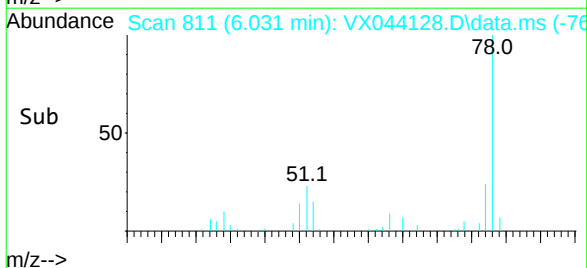
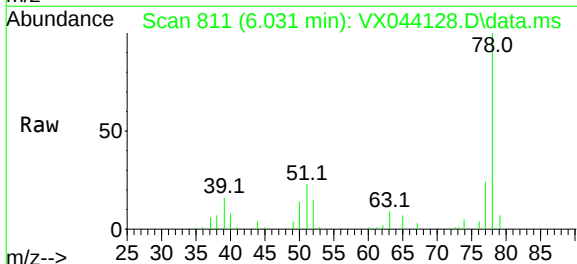
RT: 6.031 min Scan# 811

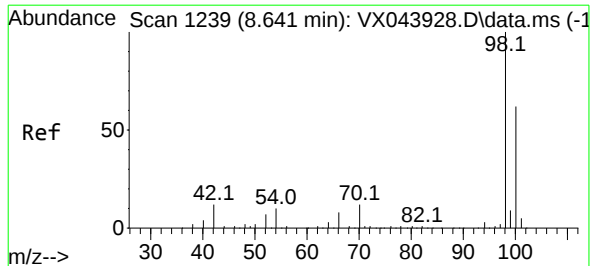
Delta R.T. 0.006 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Tgt Ion:	78	Resp:	19379
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.2	28.8





#50

Toluene-d8

Concen: 49.040 ug/l

RT: 8.646 min Scan# 1239

Delta R.T. 0.006 min

Lab File: VX044128.D

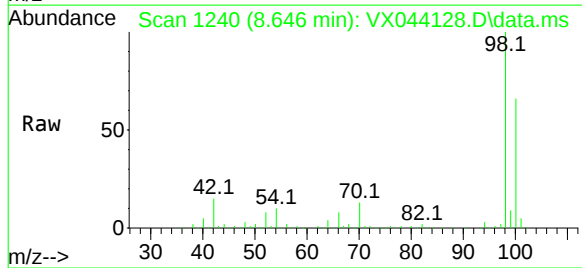
Acq: 04 Dec 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-3RE

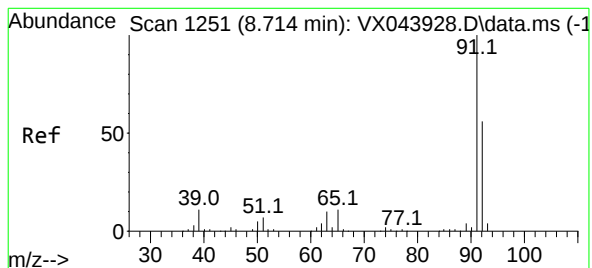
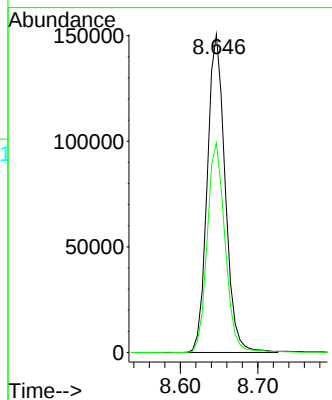
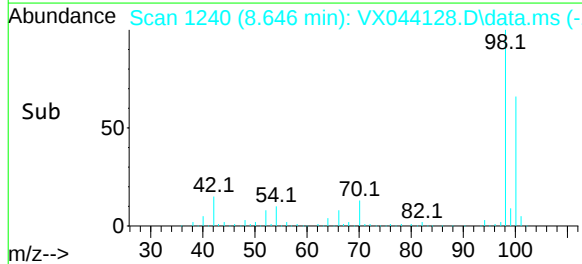


Tgt Ion: 98 Resp: 241206

Ion Ratio Lower Upper

98 100

100 65.6 52.6 79.0



#52

Toluene

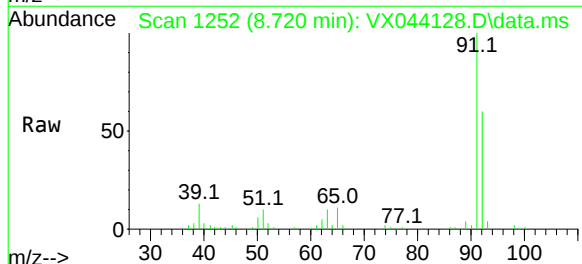
Concen: 9.066 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

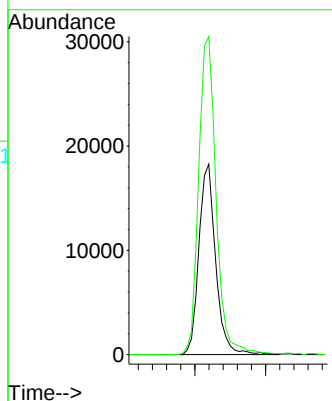
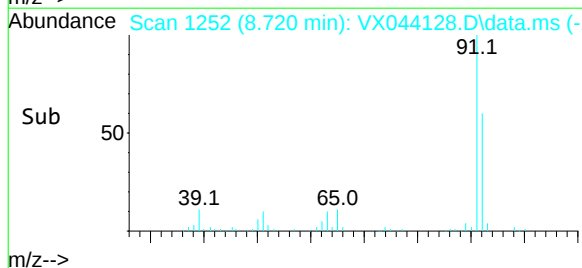


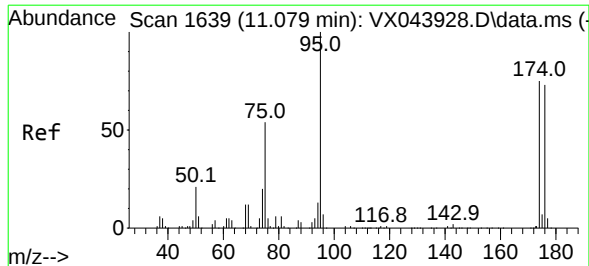
Tgt Ion: 92 Resp: 30053

Ion Ratio Lower Upper

92 100

91 174.1 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 49.462 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044128.D

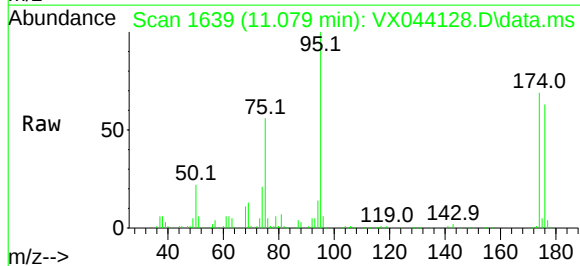
Acq: 04 Dec 2024 19:34

Instrument :

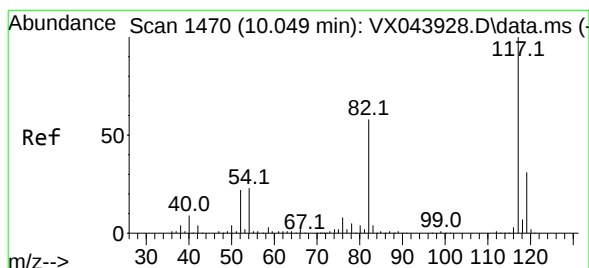
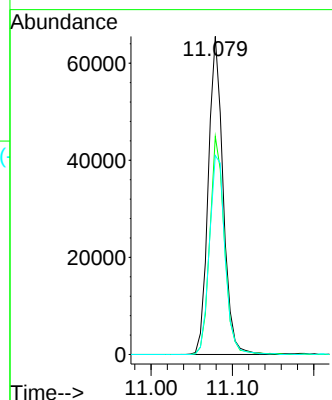
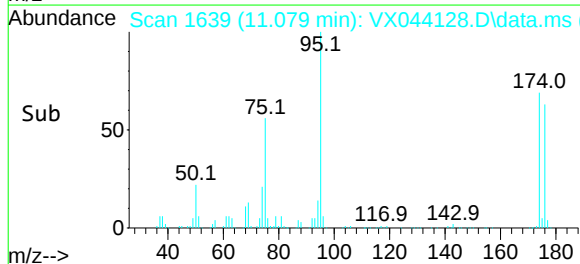
MSVOA_X

ClientSampleId :

SPLP-C12-3RE



Tgt Ion:	95	Resp:	82795
Ion Ratio	100		
Lower	0.0		150.4
Upper	0.0		146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

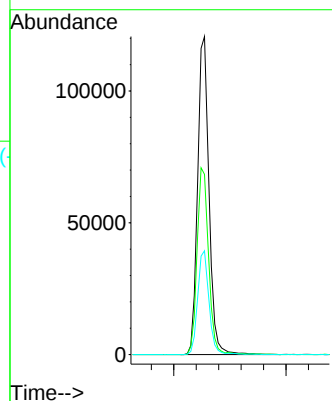
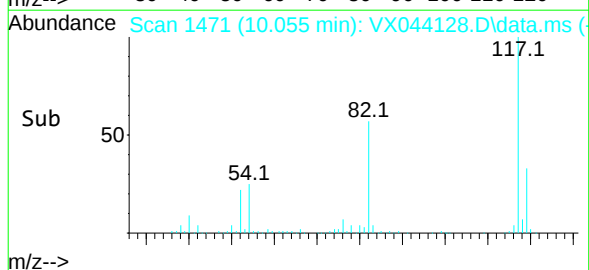
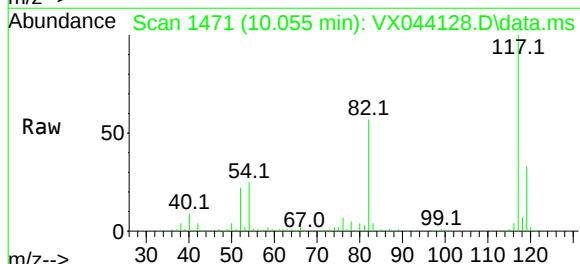
RT: 10.055 min Scan# 1471

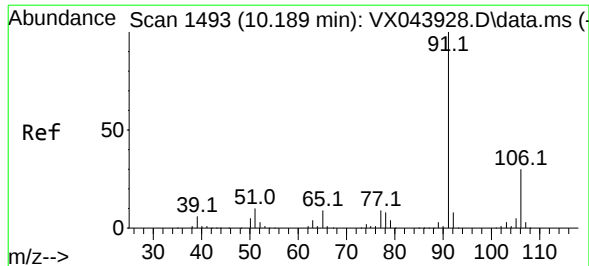
Delta R.T. 0.006 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Tgt Ion:	117	Resp:	169999
Ion Ratio	100		
Lower	46.4		69.6
Upper	24.6		37.0





#67

Ethyl Benzene

Concen: 75.854 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. -0.000 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

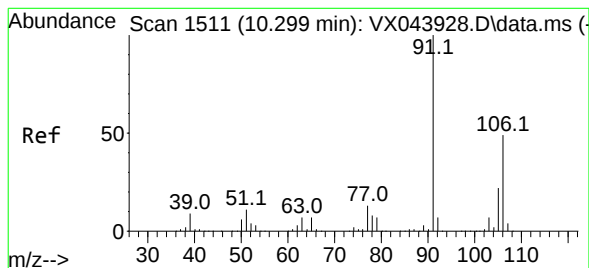
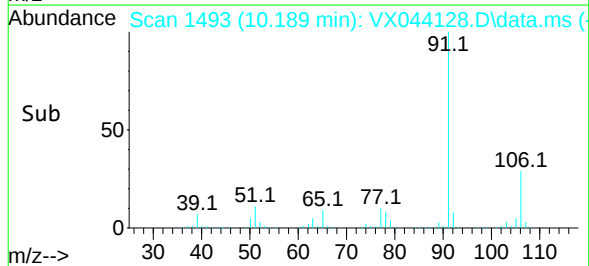
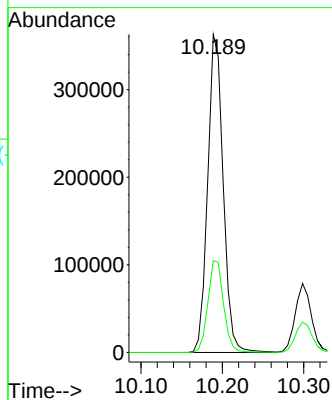
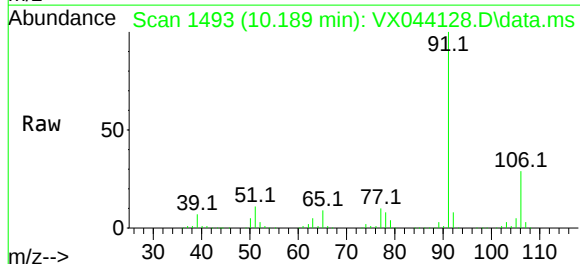
SPLP-C12-3RE

Tgt Ion: 91 Resp: 479904

Ion Ratio Lower Upper

91 100

106 28.9 23.6 35.4



#68

m/p-Xylenes

Concen: 21.173 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX044128.D

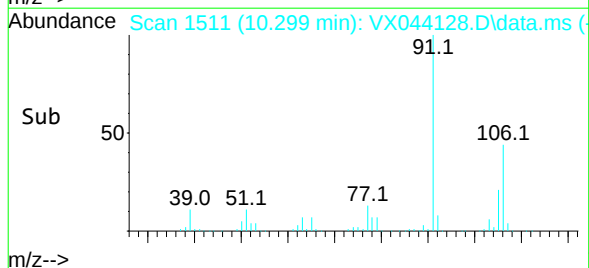
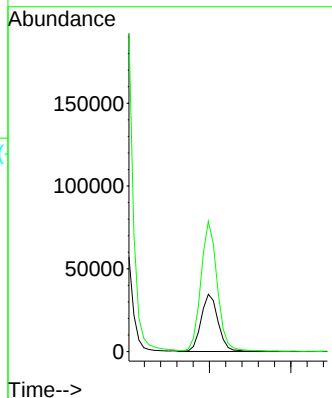
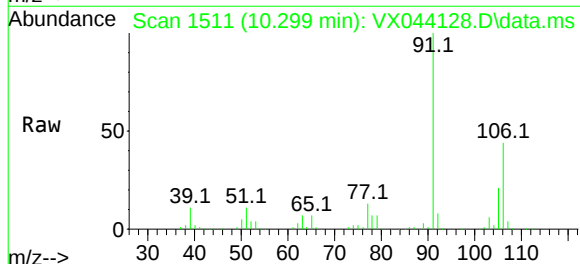
Acq: 04 Dec 2024 19:34

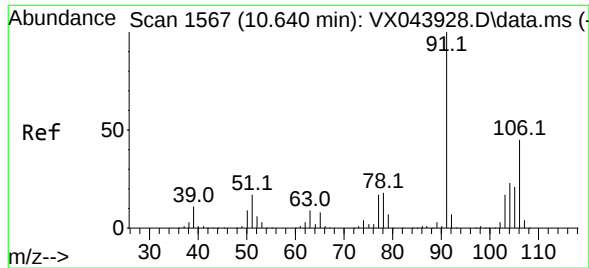
Tgt Ion:106 Resp: 49955

Ion Ratio Lower Upper

106 100

91 219.6 168.1 252.1





#69

o-Xylene

Concen: 20.751 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

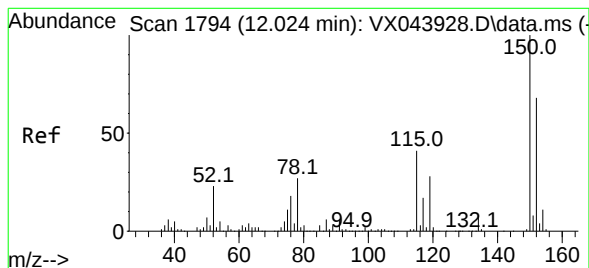
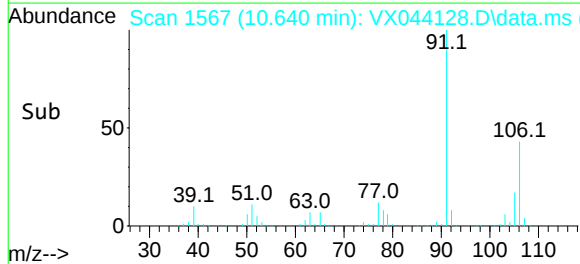
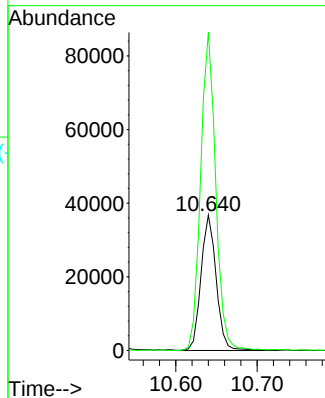
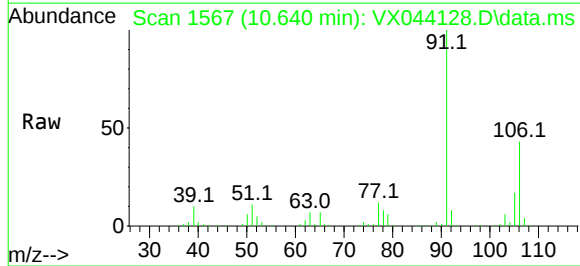
SPLP-C12-3RE

Tgt Ion:106 Resp: 47801

Ion Ratio Lower Upper

106 100

91 232.6 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.007 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

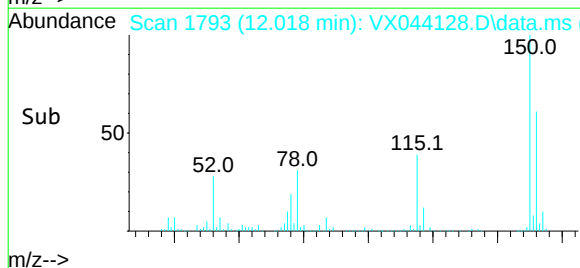
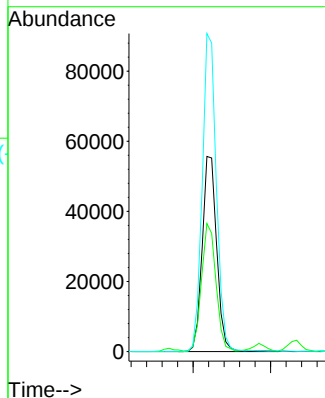
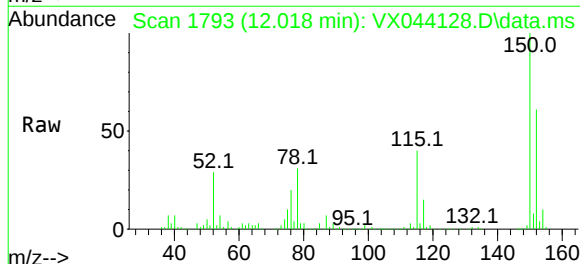
Tgt Ion:152 Resp: 72597

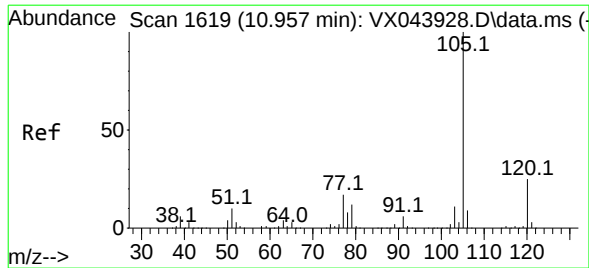
Ion Ratio Lower Upper

152 100

115 64.5 45.4 136.2

150 158.6 0.0 353.0





#73

Isopropylbenzene

Concen: 6.270 ug/l

RT: 10.963 min Scan# 1619

Delta R.T. 0.006 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

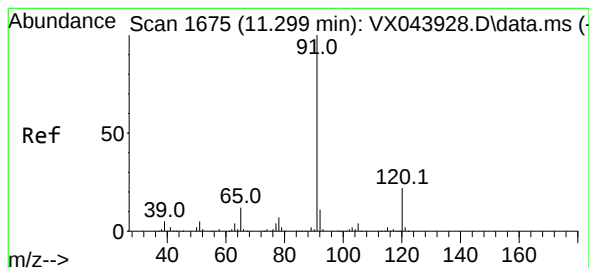
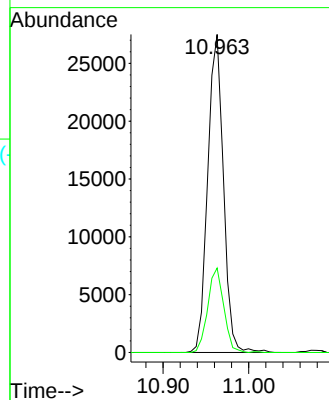
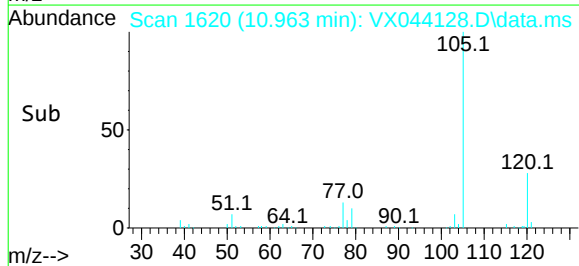
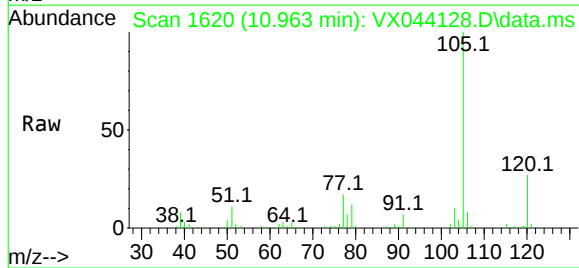
SPLP-C12-3RE

Tgt Ion: 105 Resp: 34991

Ion Ratio Lower Upper

105 100

120 27.0 13.0 38.9



#78

n-propylbenzene

Concen: 2.648 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX044128.D

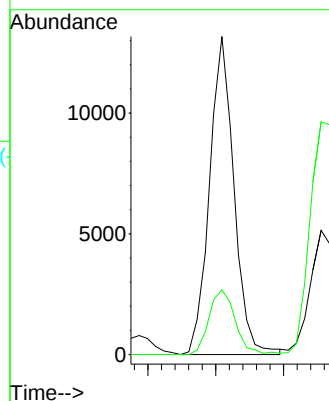
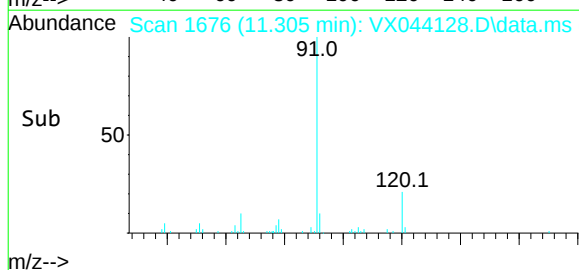
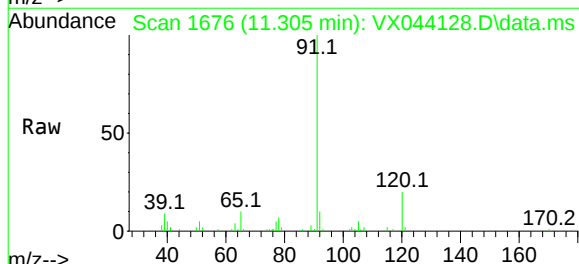
Acq: 04 Dec 2024 19:34

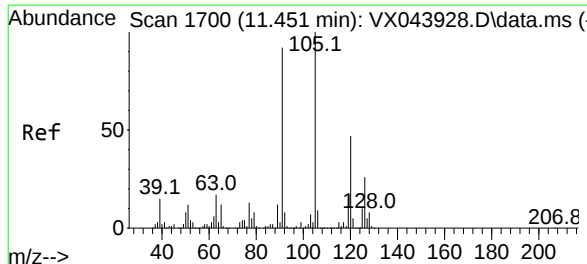
Tgt Ion: 91 Resp: 16505

Ion Ratio Lower Upper

91 100

120 22.0 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 7.179 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

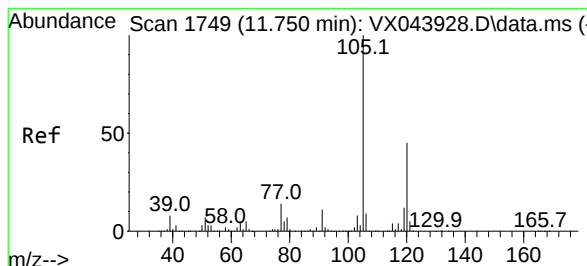
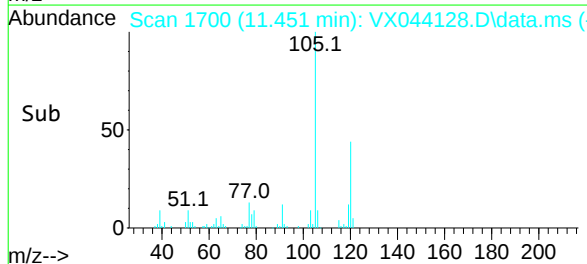
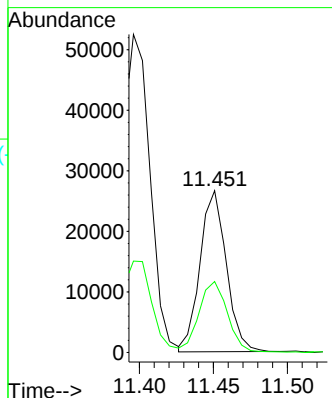
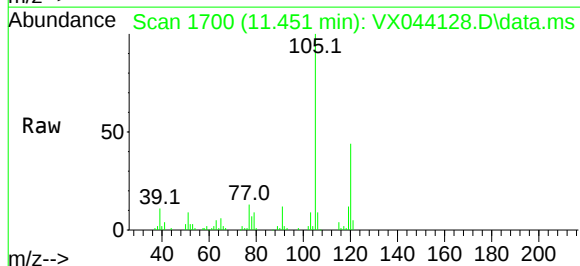
SPLP-C12-3RE

Tgt Ion:105 Resp: 32960

Ion Ratio Lower Upper

105 100

120 48.0 23.3 69.8



#84

1,2,4-Trimethylbenzene

Concen: 25.679 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX044128.D

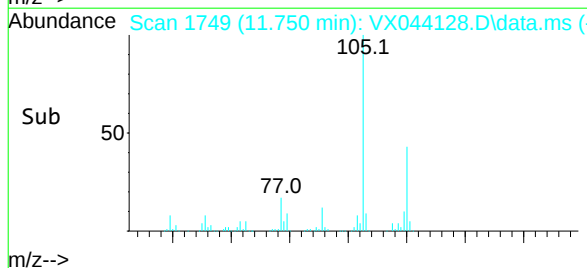
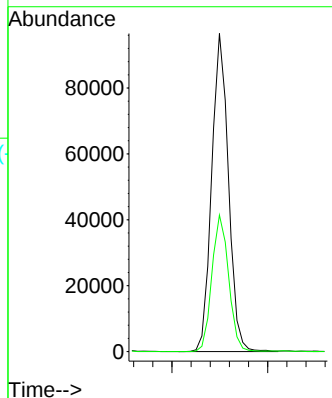
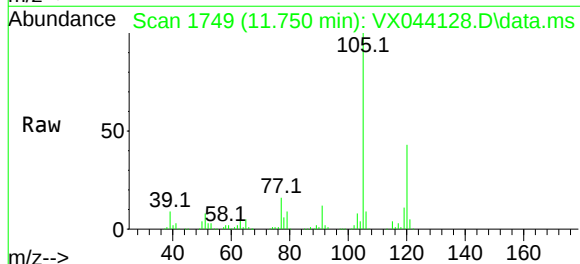
Acq: 04 Dec 2024 19:34

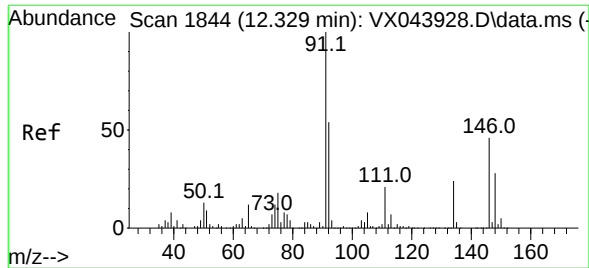
Tgt Ion:105 Resp: 117375

Ion Ratio Lower Upper

105 100

120 42.9 21.9 65.7





#89

n-Butylbenzene

Concen: 1.623 ug/l

RT: 12.317 min Scan# 1842

Delta R.T. -0.013 min

Lab File: VX044128.D

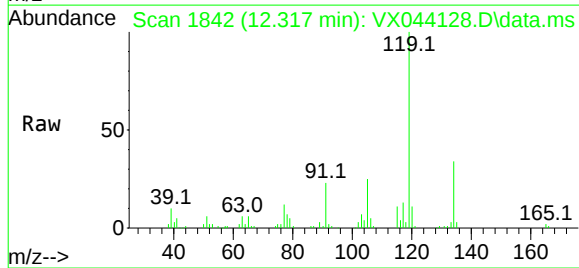
Acq: 04 Dec 2024 19:34

Instrument :

MSVOA_X

ClientSampleId :

SPLP-C12-3RE



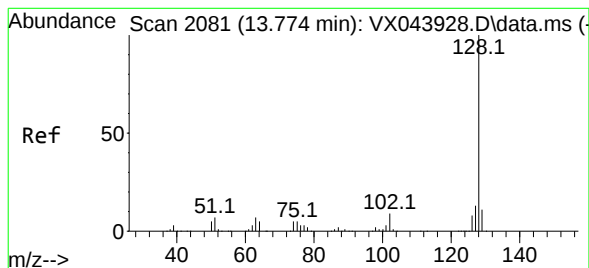
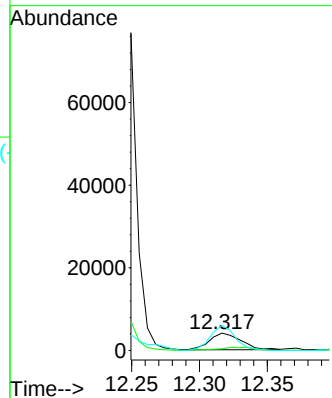
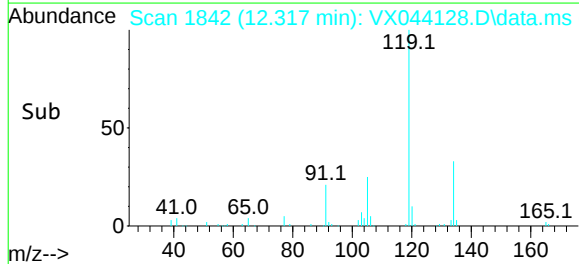
Tgt Ion: 91 Resp: 6481

Ion Ratio Lower Upper

91 100

92 22.0 26.6 79.8#

134 120.1 12.4 37.2#



#95

Naphthalene

Concen: 1302.156 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX044128.D

Acq: 04 Dec 2024 19:34

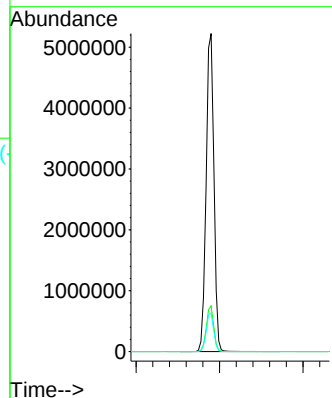
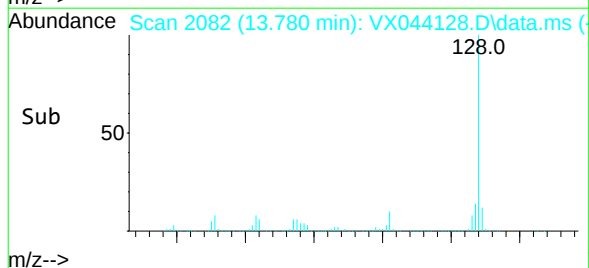
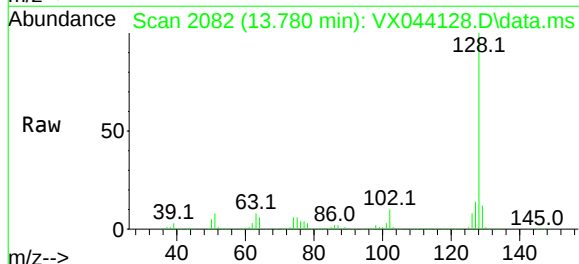
Tgt Ion: 128 Resp: 6761793

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 11.7 8.6 12.8





CALIBRATION SUMMARY



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006
 Instrument ID: MSVOA_X Calibration Date(s): 11/21/2024 11/21/2024
 Heated Purge: (Y/N) N Calibration Time(s): 09:47 12:03
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:	RRF001 = VX043925.D			RRF005 = VX043926.D		RRF020 = VX043927.D		
	RRF050 = VX043928.D			RRF100 = VX043929.D		RRF150 = VX043930.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.634	0.633	0.641	0.684	0.601	0.608	0.633	4.6
Chloromethane	0.578	0.662	0.720	0.697	0.665	0.677	0.667	7.3
Vinyl Chloride	0.675	0.708	0.730	0.762	0.695	0.684	0.709	4.6
Bromomethane		0.425	0.438	0.445	0.429	0.442	0.436	2
Chloroethane	0.579	0.429	0.404	0.459	0.368	0.354	0.432	18.9
Trichlorofluoromethane	1.038	1.267	1.335	1.357	1.281	1.328	1.268	9.3
1,1,2-Trichlorotrifluoroethane	0.592	0.585	0.605	0.658	0.589	0.599	0.605	4.5
1,1-Dichloroethene	0.596	0.530	0.585	0.600	0.572	0.576	0.576	4.4
Acetone	0.401	0.396	0.401	0.425	0.370	0.370	0.394	5.4
Carbon Disulfide	1.082	0.956	1.078	1.287	1.330	1.398	1.188	14.6
Methyl tert-butyl Ether	1.732	1.991	2.212	2.264	2.160	2.192	2.092	9.5
Methyl Acetate	0.931	0.871	0.911	0.987	0.894	0.910	0.917	4.3
Methylene Chloride	0.704	0.656	0.684	0.667	0.643	0.655	0.668	3.3
trans-1,2-Dichloroethene	0.545	0.563	0.609	0.633	0.600	0.619	0.595	5.7
1,1-Dichloroethane	0.980	1.118	1.221	1.256	1.185	1.208	1.161	8.6
Cyclohexane		0.911	0.976	1.041	0.926	0.925	0.956	5.6
2-Butanone	0.448	0.486	0.538	0.567	0.500	0.510	0.508	8.1
Carbon Tetrachloride	0.439	0.466	0.491	0.558	0.520	0.528	0.500	8.7
cis-1,2-Dichloroethene	0.674	0.673	0.761	0.792	0.745	0.767	0.735	6.8
Bromochloromethane	0.501	0.611	0.482	0.450	0.500	0.523	0.511	10.7
Chloroform	1.070	1.238	1.309	1.316	1.269	1.293	1.249	7.4
1,1,1-Trichloroethane	0.873	1.005	1.133	1.184	1.119	1.149	1.077	10.9
Methylcyclohexane	0.544	0.556	0.564	0.656	0.574	0.576	0.578	6.9
Benzene	1.211	1.369	1.457	1.494	1.388	1.402	1.387	7
1,2-Dichloroethane	0.499	0.546	0.585	0.603	0.551	0.558	0.557	6.4
Trichloroethene	0.547	0.372	0.368	0.373	0.345	0.352	0.393	19.5
1,2-Dichloropropane	0.288	0.322	0.361	0.371	0.346	0.350	0.340	8.8
Bromodichloromethane	0.349	0.425	0.501	0.544	0.528	0.545	0.482	16.4
4-Methyl-2-Pentanone	0.437	0.527	0.562	0.606	0.539	0.548	0.537	10.4
Toluene	0.636	0.839	0.883	0.921	0.850	0.852	0.830	12

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006
 Instrument ID: MSVOA_X Calibration Date(s): 11/21/2024 11/21/2024
 Heated Purge: (Y/N) N Calibration Time(s): 09:47 12:03
 GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID:	RRF001 = VX043925.D	RRF005 = VX043926.D	RRF020 = VX043927.D	RRF050 = VX043928.D	RRF100 = VX043929.D	RRF150 = VX043930.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.341	0.413	0.507	0.569	0.549	0.570	0.491	19.2
cis-1,3-Dichloropropene	0.409	0.462	0.569	0.611	0.580	0.601	0.539	15.4
1,1,2-Trichloroethane	0.287	0.340	0.375	0.370	0.340	0.345	0.343	9.1
2-Hexanone	0.297	0.393	0.431	0.471	0.410	0.419	0.403	14.5
Dibromochloromethane	0.249	0.292	0.344	0.396	0.380	0.401	0.344	18
1,2-Dibromoethane	0.258	0.339	0.373	0.385	0.358	0.367	0.346	13.3
Tetrachloroethene	0.304	0.342	0.336	0.349	0.315	0.332	0.330	5.1
Chlorobenzene	1.050	1.109	1.107	1.145	1.069	1.108	1.098	3.1
Ethyl Benzene	1.579	1.831	1.910	2.024	1.884	1.938	1.861	8.2
m/p-Xylenes	0.610	0.663	0.704	0.762	0.700	0.725	0.694	7.6
o-Xylene	0.543	0.665	0.691	0.757	0.693	0.716	0.678	10.7
Styrene	0.859	1.025	1.174	1.263	1.186	1.217	1.121	13.5
Bromoform	0.145	0.200	0.222	0.284	0.286	0.306	0.240	25.9
Isopropylbenzene	3.435	3.927	3.996	4.097	3.679	3.927	3.843	6.3
1,1,2,2-Tetrachloroethane	1.198	1.356	1.375	1.393	1.260	1.314	1.316	5.7
1,3-Dichlorobenzene	1.580	1.656	1.701	1.764	1.623	1.696	1.670	3.9
1,4-Dichlorobenzene	1.730	1.638	1.706	1.782	1.650	1.710	1.702	3.1
1,2-Dichlorobenzene	1.506	1.733	1.723	1.768	1.642	1.740	1.685	5.8
1,2-Dibromo-3-Chloropropane	0.213	0.254	0.252	0.284	0.275	0.304	0.264	12
1,2,4-Trichlorobenzene	0.849	0.905	0.987	1.084	1.012	1.125	0.994	10.5
1,2,3-Trichlorobenzene	0.753	0.960	1.055	1.118	1.018	1.130	1.006	13.8
1,2-Dichloroethane-d4		0.926	0.876	0.751	0.855	0.880	0.858	7.6
Dibromofluoromethane		0.371	0.353	0.327	0.359	0.376	0.357	5.4
Toluene-d8		1.327	1.237	1.104	1.232	1.257	1.232	6.6
4-Bromofluorobenzene		0.401	0.414	0.387	0.438	0.455	0.419	6.6

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X112124W.M
 Title : SW846 8260
 Last Update : Fri Nov 22 03:45:52 2024
 Response Via : Initial Calibration

Calibration Files

1 =VX043925.D 5 =VX043926.D 20 =VX043927.D 50 =VX043928.D 100 =VX043929.D 150 =VX043930.

D

Compound		1	5	20	50	100	150	Avg	%RSD

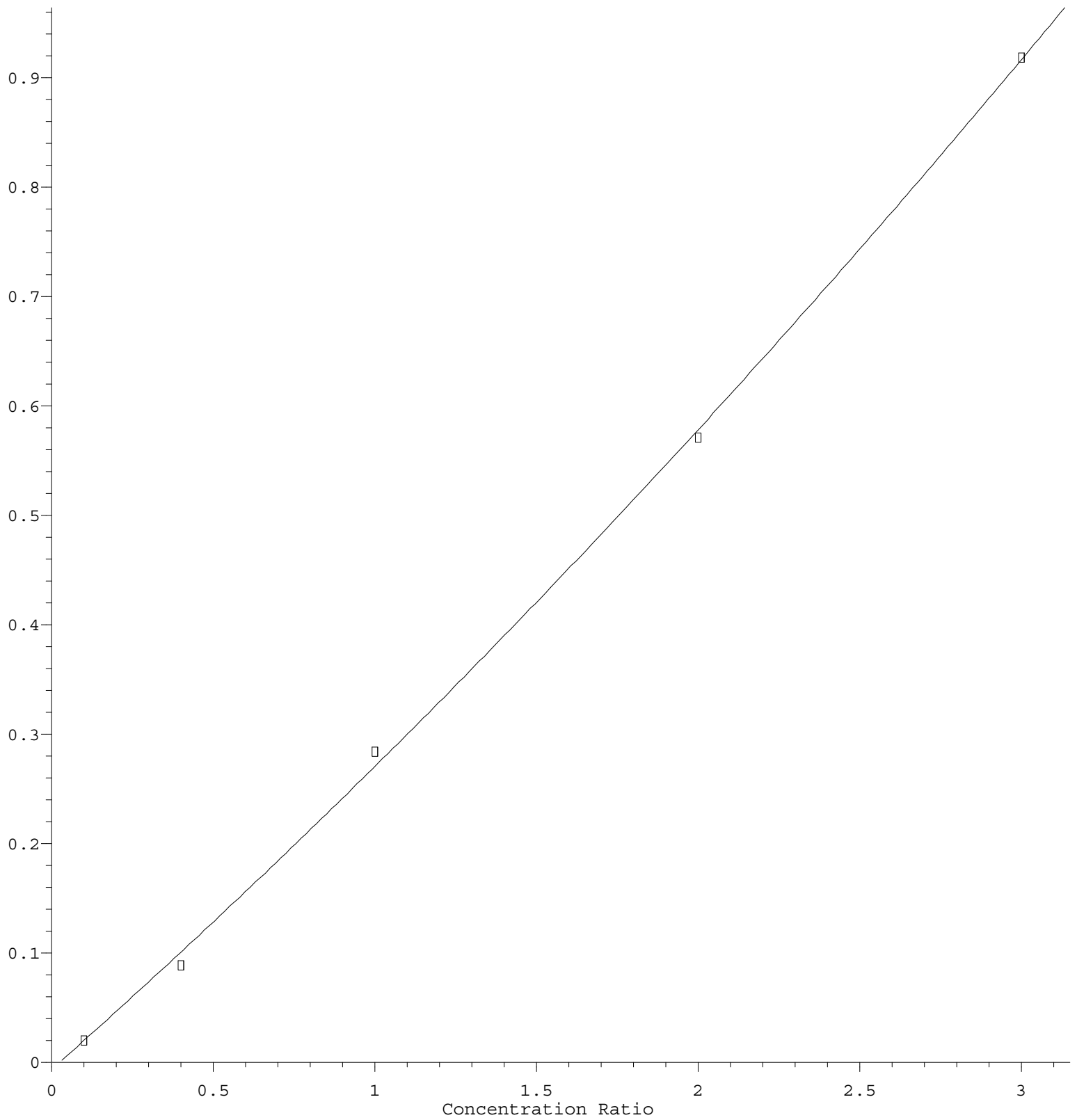
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.634	0.633	0.641	0.684	0.601	0.608	0.633	4.64
3) P	Chloromethane	0.578	0.662	0.720	0.697	0.665	0.677	0.667	7.26
4) C	Vinyl Chloride	0.675	0.708	0.730	0.762	0.695	0.684	0.709	4.56#
5) T	Bromomethane		0.425	0.438	0.445	0.429	0.442	0.436	1.95
6) T	Chloroethane	0.579	0.429	0.404	0.459	0.368	0.354	0.432	18.87
7) T	Trichlorofluor...	1.038	1.267	1.335	1.357	1.281	1.328	1.268	9.27
8) T	Diethyl Ether	0.477	0.430	0.470	0.474	0.455	0.467	0.462	3.80
9) T	1,1,2-Trichlor...	0.592	0.585	0.605	0.658	0.589	0.599	0.605	4.47
10) T	Methyl Iodide		0.656	0.782	0.809	0.773	0.755	0.755	7.75
11) T	Tert butyl alc...		0.123	0.133	0.145	0.134	0.154	0.138	8.73
12) CM	1,1-Dichloroet...	0.596	0.530	0.585	0.600	0.572	0.576	0.576	4.38#
13) T	Acrolein		0.158	0.128	0.145	0.145	0.148	0.145	7.53
14) T	Allyl chloride	0.796	0.854	0.964	1.044	0.998	0.993	0.941	10.17
15) T	Acrylonitrile	0.301	0.322	0.343	0.370	0.332	0.345	0.335	6.97
16) T	Acetone	0.401	0.396	0.401	0.425	0.370	0.370	0.394	5.39
17) T	Carbon Disulfide	1.082	0.956	1.078	1.287	1.330	1.398	1.188	14.64
18) T	Methyl Acetate	0.931	0.871	0.911	0.987	0.894	0.910	0.917	4.32
19) T	Methyl tert-bu...	1.732	1.991	2.212	2.264	2.160	2.192	2.092	9.52
20) T	Methylene Chlo...	0.704	0.656	0.684	0.667	0.643	0.655	0.668	3.33
21) T	trans-1,2-Dich...	0.545	0.563	0.609	0.633	0.600	0.619	0.595	5.72
22) T	Diisopropyl ether	1.638	1.930	2.170	2.162	2.071	2.106	2.013	10.09
23) T	Vinyl Acetate	1.244	1.542	1.833	1.941	1.858	1.914	1.722	15.93
24) P	1,1-Dichloroet...	0.980	1.118	1.221	1.256	1.185	1.208	1.161	8.63
25) T	2-Butanone	0.448	0.486	0.538	0.567	0.500	0.510	0.508	8.10
26) T	2,2-Dichloropr...	0.902	0.997	1.062	1.141	1.082	1.109	1.049	8.28
27) T	cis-1,2-Dichlo...	0.674	0.673	0.761	0.792	0.745	0.767	0.735	6.83
28) T	Bromochloromet...	0.501	0.611	0.482	0.450	0.500	0.523	0.511	10.68
29) T	Tetrahydrofuran	0.286	0.312	0.319	0.338	0.303	0.311	0.312	5.49
30) C	Chloroform	1.070	1.238	1.309	1.316	1.269	1.293	1.249	7.41#
31) T	Cyclohexane		0.911	0.976	1.041	0.926	0.925	0.956	5.60
32) T	1,1,1-Trichlor...	0.873	1.005	1.133	1.184	1.119	1.149	1.077	10.86
33) S	1,2-Dichloroet...		0.926	0.876	0.751	0.855	0.880	0.858	7.57
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.371	0.353	0.327	0.359	0.376	0.357	5.43
36) T	1,1-Dichloropr...	0.382	0.430	0.449	0.494	0.452	0.465	0.445	8.36
37) T	Ethyl Acetate	0.517	0.549	0.549	0.610	0.539	0.552	0.553	5.61
38) T	Carbon Tetrach...	0.439	0.466	0.491	0.558	0.520	0.528	0.500	8.69
39) T	Methylcyclohexane	0.544	0.556	0.564	0.656	0.574	0.576	0.578	6.91
40) TM	Benzene	1.211	1.369	1.457	1.494	1.388	1.402	1.387	7.04
41) T	Methacrylonitrile	0.219	0.278	0.292	0.329	0.291	0.289	0.283	12.67
42) TM	1,2-Dichloroet...	0.499	0.546	0.585	0.603	0.551	0.558	0.557	6.41
43) T	Isopropyl Acetate	0.745	0.840	0.893	0.976	0.894	0.928	0.880	9.07
44) TM	Trichloroethene	0.547	0.372	0.368	0.373	0.345	0.352	0.393	19.47
45) C	1,2-Dichloropr...	0.288	0.322	0.361	0.371	0.346	0.350	0.340	8.84#
46) T	Dibromomethane	0.239	0.240	0.280	0.293	0.276	0.284	0.269	8.58
47) T	Bromodichlorom...	0.349	0.425	0.501	0.544	0.528	0.545	0.482	16.40
48) T	Methyl methacr...	0.387	0.385	0.423	0.467	0.427	0.443	0.422	7.57
49) T	1,4-Dioxane	0.006	0.008	0.008	0.008	0.008	0.007	0.008	11.13
50) S	Toluene-d8		1.327	1.237	1.104	1.232	1.257	1.232	6.58
51) T	4-Methyl-2-Pen...	0.437	0.527	0.562	0.606	0.539	0.548	0.537	10.41
52) CM	Toluene	0.636	0.839	0.883	0.921	0.850	0.852	0.830	12.02#
53) T	t-1,3-Dichloro...	0.341	0.413	0.507	0.569	0.549	0.570	0.491	19.21
54) T	cis-1,3-Dichlo...	0.409	0.462	0.569	0.611	0.580	0.601	0.539	15.38
55) T	1,1,2-Trichlor...	0.287	0.340	0.375	0.370	0.340	0.345	0.343	9.13

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\										
Method File : 82X112124W.M										
56)	T	Ethyl methacry...	0.379	0.467	0.571	0.614	0.582	0.590	0.534	17.12
57)	T	1,3-Dichloropr...	0.480	0.574	0.620	0.625	0.579	0.585	0.577	9.04
58)	T	2-Chloroethyl ...	0.159	0.327	0.276	0.307	0.284	0.287	0.273	21.65
59)	T	2-Hexanone	0.297	0.393	0.431	0.471	0.410	0.419	0.403	14.49
60)	T	Dibromochlorom...	0.249	0.292	0.344	0.396	0.380	0.401	0.344	17.98
61)	T	1,2-Dibromoethane	0.258	0.339	0.373	0.385	0.358	0.367	0.346	13.33
62)	S	4-Bromofluorob...	0.401	0.414	0.387	0.438	0.455	0.419		6.61
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.304	0.342	0.336	0.349	0.315	0.332	0.330	5.14
65)	PM	Chlorobenzene	1.050	1.109	1.107	1.145	1.069	1.108	1.098	3.05
66)	T	1,1,1,2-Tetrac...	0.260	0.332	0.371	0.395	0.382	0.396	0.356	14.75
67)	C	Ethyl Benzene	1.579	1.831	1.910	2.024	1.884	1.938	1.861	8.19#
68)	T	m/p-Xylenes	0.610	0.663	0.704	0.762	0.700	0.725	0.694	7.57
69)	T	o-Xylene	0.543	0.665	0.691	0.757	0.693	0.716	0.678	10.75
70)	T	Styrene	0.859	1.025	1.174	1.263	1.186	1.217	1.121	13.47
71)	P	Bromoform	0.145	0.200	0.222	0.284	0.286	0.306	0.240	25.88
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.435	3.927	3.996	4.097	3.679	3.927	3.843	6.32
74)	T	N-amyl acetate	1.249	1.648	1.867	1.996	1.895	2.029	1.780	16.45
75)	P	1,1,2,2-Tetrac...	1.198	1.356	1.375	1.393	1.260	1.314	1.316	5.70
76)	T	1,2,3-Trichlor...	0.863	1.246	1.153	1.181	1.053	1.084	1.096	12.17
77)	T	Bromobenzene	0.794	0.958	0.955	0.975	0.883	0.936	0.917	7.40
78)	T	n-propylbenzene	3.667	4.115	4.469	4.733	4.286	4.486	4.293	8.63
79)	T	2-Chlorotoluene	2.487	2.766	2.868	2.857	2.581	2.726	2.714	5.62
80)	T	1,3,5-Trimethy...	2.704	3.115	3.352	3.444	3.118	3.238	3.162	8.19
81)	T	trans-1,4-Dich...	0.298	0.374	0.443	0.423	0.471	0.402		16.90
82)	T	4-Chlorotoluene	2.660	3.005	3.187	3.329	3.025	3.180	3.064	7.54
83)	T	tert-Butylbenzene	2.581	3.097	3.266	3.440	3.152	3.269	3.134	9.42
84)	T	1,2,4-Trimethy...	2.557	3.173	3.366	3.440	3.124	3.228	3.148	9.95
85)	T	sec-Butylbenzene	3.116	3.921	3.968	4.249	3.812	3.974	3.840	9.97
86)	T	p-Isopropyltol...	2.255	3.043	3.316	3.521	3.219	3.362	3.119	14.50
87)	T	1,3-Dichlorobe...	1.580	1.656	1.701	1.764	1.623	1.696	1.670	3.88
88)	T	1,4-Dichlorobe...	1.730	1.638	1.706	1.782	1.650	1.710	1.702	3.10
89)	T	n-Butylbenzene	1.897	2.580	2.805	3.184	2.909	3.126	2.750	17.18
90)	T	Hexachloroethane	0.450	0.443	0.496	0.588	0.581	0.625	0.530	14.64
91)	T	1,2-Dichlorobe...	1.506	1.733	1.723	1.768	1.642	1.740	1.685	5.79
92)	T	1,2-Dibromo-3-...	0.213	0.254	0.252	0.284	0.275	0.304	0.264	12.00
93)	T	1,2,4-Trichlor...	0.849	0.905	0.987	1.084	1.012	1.125	0.994	10.53
94)	T	Hexachlorobuta...	0.382	0.384	0.376	0.411	0.384	0.419	0.393	4.54
95)	T	Naphthalene	2.605	3.361	3.698	4.005	3.733	4.058	3.576	15.03
96)	T	1,2,3-Trichlor...	0.753	0.960	1.055	1.118	1.018	1.130	1.006	13.83

(#) = Out of Range

Bromoform

Response Ratio



$R = 1.533e-002 A^2 + 2.616e-001 A - 6.311e-003$
 Coef of Det (r^2) = 0.999408 Curve Fit: Quadratic
 Method Name: Z:\voasrv\HPCHEM1\MSVOA X\Method\82X112124W.M
 Calibration Table Last Updated: Fri Nov 22 03:45:52 2024

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	138810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	250758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	211620	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102312	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	123698	58.016	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 116.040%	
35) Dibromofluoromethane	5.379	113	92258	54.792	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.580%	
50) Toluene-d8	8.647	98	312682	55.587	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.180%	
62) 4-Bromofluorobenzene	11.079	95	112440	60.492	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 120.980%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	87148	62.046	ug/l	98
3) Chloromethane	1.294	50	98071	55.867	ug/l	99
4) Vinyl Chloride	1.374	62	98663	55.940	ug/l	97
5) Bromomethane	1.593	94	55648	69.459	ug/l	100
6) Chloroethane	1.660	64	49530	58.791	ug/l	99
7) Trichlorofluoromethane	1.867	101	174189	69.274	ug/l	100
8) Diethyl Ether	2.136	74	61407	64.776	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	78888	53.013	ug/l	98
10) Methyl Iodide	2.441	142	108199	51.664	ug/l	95
11) Tert butyl alcohol	3.001	59	96228	283.818	ug/l	99
12) 1,1-Dichloroethene	2.306	96	77411	53.599	ug/l	87
13) Acrolein	2.239	56	103637	272.556	ug/l	99
14) Allyl chloride	2.654	41	136615	58.343	ug/l	89
15) Acrylonitrile	3.068	53	241080	276.221	ug/l	98
16) Acetone	2.392	43	227575	265.748	ug/l	93
17) Carbon Disulfide	2.502	76	170454	54.052	ug/l	99
18) Methyl Acetate	2.703	43	128026	54.593	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	308920	57.868	ug/l	99
20) Methylene Chloride	2.782	84	92077	51.368	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	87463	55.548	ug/l	97
22) Diisopropyl ether	3.763	45	296742	58.005	ug/l	96
23) Vinyl Acetate	3.721	43	1303089	314.256	ug/l	98
24) 1,1-Dichloroethane	3.605	63	169925	56.478	ug/l	100
25) 2-Butanone	4.562	43	345310	288.244	ug/l	97
26) 2,2-Dichloropropane	4.465	77	141245	57.127	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	106274	54.236	ug/l	96
28) Bromochloromethane	4.891	49	68700	54.265	ug/l	94
29) Tetrahydrofuran	5.007	42	220135	284.374	ug/l	97
30) Chloroform	5.086	83	178903	57.044	ug/l	100
31) Cyclohexane	5.458	56	128800	52.818	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	155630	58.048	ug/l	98
36) 1,1-Dichloropropene	5.684	75	112658	53.685	ug/l	99
37) Ethyl Acetate	4.715	43	139478	59.057	ug/l	97
38) Carbon Tetrachloride	5.666	117	124606	56.086	ug/l	98
39) Methylcyclohexane	7.373	83	138032	52.543	ug/l	97
40) Benzene	6.031	78	349857	53.028	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX112124

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/21/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	73757	59.928	ug/l	96
42) 1,2-Dichloroethane	6.080	62	141058	58.882	ug/l	97
43) Isopropyl Acetate	6.342	43	224533	60.266	ug/l	94
44) Trichloroethene	7.123	130	87313	48.004	ug/l	99
45) 1,2-Dichloropropane	7.427	63	87107	53.869	ug/l	100
46) Dibromomethane	7.580	93	69900	57.366	ug/l	95
47) Bromodichloromethane	7.818	83	125370	58.559	ug/l	97
48) Methyl methacrylate	7.696	41	105250	56.995	ug/l #	88
49) 1,4-Dioxane	7.665	88	45681m	1161.399	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	689501	296.806	ug/l	95
52) Toluene	8.714	92	217080	57.032	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	128331	59.078	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	139851	56.813	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	86975	58.565	ug/l	98
56) Ethyl methacrylate	9.116	69	141716	60.268	ug/l #	89
57) 1,3-Dichloropropane	9.305	76	146448	58.860	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	346010	280.598	ug/l	98
59) 2-Hexanone	9.433	43	513732	313.432	ug/l	94
60) Dibromochloromethane	9.519	129	90863	62.789	ug/l	99
61) 1,2-Dibromoethane	9.610	107	89087	57.509	ug/l	98
64) Tetrachloroethene	9.269	164	69945	51.529	ug/l	97
65) Chlorobenzene	10.079	112	230498	52.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	80691	54.848	ug/l	97
67) Ethyl Benzene	10.189	91	404866	54.424	ug/l	98
68) m/p-Xylenes	10.299	106	300638	108.500	ug/l	96
69) o-Xylene	10.640	106	149788	55.404	ug/l	99
70) Styrene	10.652	104	250564	56.236	ug/l	97
71) Bromoform	10.799	173	56733	49.198	ug/l #	97
73) Isopropylbenzene	10.963	105	387920	53.117	ug/l	99
74) N-amyl acetate	10.841	43	193137	51.587	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	134303	54.391	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	110813m	53.071	ug/l	
77) Bromobenzene	11.195	156	92179	51.501	ug/l	98
78) n-propylbenzene	11.305	91	441866	54.835	ug/l	98
79) 2-Chlorotoluene	11.366	91	277003	54.025	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	322601	53.291	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	39924	48.469	ug/l	93
82) 4-Chlorotoluene	11.451	91	313937	53.165	ug/l	98
83) tert-Butylbenzene	11.713	119	320262	51.719	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	327564	53.283	ug/l	98
85) sec-Butylbenzene	11.890	105	389571	52.682	ug/l	99
86) p-Isopropyltoluene	12.006	119	325801	52.472	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	168646	50.841	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	167075	49.126	ug/l	98
89) n-Butylbenzene	12.329	91	283194	53.527	ug/l	98
90) Hexachloroethane	12.536	117	55605	46.087	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	169920	48.926	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27323	45.200	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	98885	48.719	ug/l	97
94) Hexachlorobutadiene	13.725	225	39642	47.658	ug/l	98
95) Naphthalene	13.774	128	381936	50.468	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	104145	49.248	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

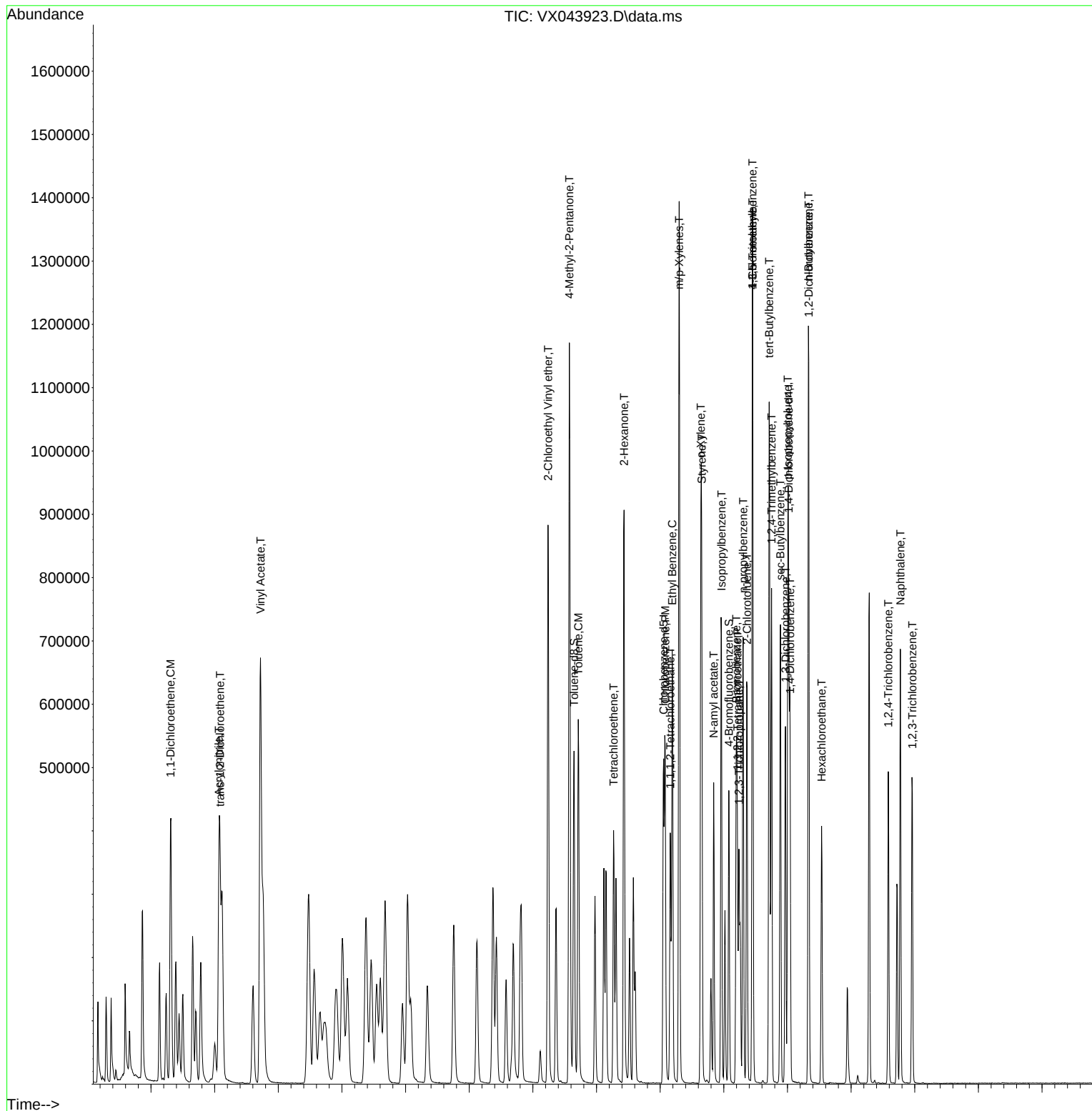
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/21/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	78	0.00
2 T	Dichlorodifluoromethane	0.611	0.628	-2.8	89	0.00
3 P	Chloromethane	0.660	0.707	-7.1	84	0.00
4 C	Vinyl Chloride	0.680	0.711	-4.6#	94	0.00
5 T	Bromomethane	0.408	0.401	1.7	102	0.00
6 T	Chloroethane	0.401	0.357	11.0	102	0.00
7 T	Trichlorofluoromethane	1.197	1.255	-4.8	105	0.00
8 T	Diethyl Ether	0.440	0.442	-0.5	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.584	0.568	2.7	83	0.00
10 T	Methyl Iodide	0.749	0.779	-4.0	78	0.00
11 T	Tert butyl alcohol	0.138	0.139	-0.7	93	0.00
12 CM	1,1-Dichloroethene	0.566	0.558	1.4#	80	0.00
13 T	Acrolein	0.145	0.149	-2.8	81	0.00
14 T	Allyl chloride	0.921	0.984	-6.8	83	0.00
15 T	Acrylonitrile	0.328	0.347	-5.8	83	0.00
16 T	Acetone	0.373	0.328	12.1	85	0.00
17 T	Carbon Disulfide	1.163	1.228	-5.6	84	0.00
18 T	Methyl Acetate	0.892	0.922	-3.4	86	0.00
19 T	Methyl tert-butyl Ether	2.047	2.225	-8.7	87	0.00
20 T	Methylene Chloride	0.662	0.663	-0.2	82	0.00
21 T	trans-1,2-Dichloroethene	0.586	0.630	-7.5	84	0.00
22 T	Diisopropyl ether	1.969	2.138	-8.6	87	0.00
23 T	Vinyl Acetate	1.666	1.878	-12.7	91	0.00
24 P	1,1-Dichloroethane	1.137	1.224	-7.7	86	0.00
25 T	2-Butanone	0.489	0.498	-1.8	86	0.00
26 T	2,2-Dichloropropane	1.009	1.018	-0.9	87	0.00
27 T	cis-1,2-Dichloroethene	0.723	0.766	-5.9	83	0.00
28 T	Bromochloromethane	0.512	0.495	3.3	84	0.00
29 T	Tetrahydrofuran	0.303	0.317	-4.6	86	0.00
30 C	Chloroform	1.221	1.289	-5.6#	87	0.00
31 T	Cyclohexane	0.922	0.928	-0.7	83	0.00
32 T	1,1,1-Trichloroethane	1.047	1.121	-7.1	87	0.00
33 S	1,2-Dichloroethane-d4	0.864	0.891	-3.1	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.360	0.368	-2.2	82	0.00
36 T	1,1-Dichloropropene	0.431	0.449	-4.2	84	0.00
37 T	Ethyl Acetate	0.514	0.556	-8.2	90	0.00
38 T	Carbon Tetrachloride	0.480	0.497	-3.5	87	0.00
39 T	Methylcyclohexane	0.555	0.550	0.9	81	0.00
40 TM	Benzene	1.360	1.395	-2.6	80	0.00
41 T	Methacrylonitrile	0.274	0.294	-7.3	87	0.00
42 TM	1,2-Dichloroethane	0.536	0.563	-5.0	90	0.00
43 T	Isopropyl Acetate	0.840	0.895	-6.5	92	0.00
44 TM	Trichloroethene	0.385	0.348	9.6	82	0.00
45 C	1,2-Dichloropropane	0.331	0.347	-4.8#	82	0.00
46 T	Dibromomethane	0.260	0.279	-7.3	87	0.00
47 T	Bromodichloromethane	0.467	0.500	-7.1	84	0.00
48 T	Methyl methacrylate	0.388	0.420	-8.2	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.006	0.009	-50.0#	120	0.00
50 S	Toluene-d8	1.247	1.247	0.0	80	0.00
51 T	4-Methyl-2-Pentanone	0.515	0.550	-6.8	88	0.00
52 CM	Toluene	0.812	0.866	-6.7#	81	0.00
53 T	t-1,3-Dichloropropene	0.475	0.512	-7.8	83	0.00
54 T	cis-1,3-Dichloropropene	0.521	0.558	-7.1	84	0.00
55 T	1,1,2-Trichloroethane	0.335	0.347	-3.6	82	0.00
56 T	Ethyl methacrylate	0.519	0.565	-8.9	82	0.00
57 T	1,3-Dichloropropane	0.564	0.584	-3.5	81	0.00
58 T	2-Chloroethyl Vinyl ether	0.265	0.276	-4.2	82	0.00
59 T	2-Hexanone	0.384	0.410	-6.8	88	0.00
60 T	Dibromochloromethane	0.333	0.362	-8.7	84	0.00
61 T	1,2-Dibromoethane	0.337	0.355	-5.3	82	0.00
62 S	4-Bromofluorobenzene	0.426	0.448	-5.2	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.325	0.331	-1.8	79	0.00
65 PM	Chlorobenzene	1.085	1.089	-0.4	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.350	0.381	-8.9	81	0.00
67 C	Ethyl Benzene	1.828	1.913	-4.6#	80	0.00
68 T	m/p-Xylenes	0.682	0.710	-4.1	78	0.00
69 T	o-Xylene	0.665	0.708	-6.5	79	0.00
70 T	Styrene	1.104	1.184	-7.2	78	0.00
71 P	Bromoform	0.234	0.268	-14.5	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.765	3.792	-0.7	81	0.00
74 T	N-amyl acetate	1.717	1.888	-10.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.289	1.313	-1.9	82	0.00
76 T	1,2,3-Trichloropropane	1.069	1.083	-1.3	82	0.00
77 T	Bromobenzene	0.902	0.901	0.1	78	0.00
78 T	n-propylbenzene	4.192	4.319	-3.0	81	0.00
79 T	2-Chlorotoluene	2.665	2.707	-1.6	81	0.00
80 T	1,3,5-Trimethylbenzene	3.096	3.153	-1.8	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.388	0.390	-0.5	80	0.00
82 T	4-Chlorotoluene	3.000	3.068	-2.3	80	0.00
83 T	tert-Butylbenzene	3.073	3.130	-1.9	78	0.00
84 T	1,2,4-Trimethylbenzene	3.094	3.202	-3.5	79	0.00
85 T	sec-Butylbenzene	3.750	3.808	-1.5	79	0.00
86 T	p-Isopropyltoluene	3.057	3.184	-4.2	78	0.00
87 T	1,3-Dichlorobenzene	1.647	1.648	-0.1	78	0.00
88 T	1,4-Dichlorobenzene	1.648	1.633	0.9	78	0.00
89 T	n-Butylbenzene	2.657	2.768	-4.2	81	0.00
90 T	Hexachloroethane	0.515	0.543	-5.4	85	0.00
91 T	1,2-Dichlorobenzene	1.665	1.661	0.2	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.258	0.267	-3.5	83	0.00
93 T	1,2,4-Trichlorobenzene	0.976	0.967	0.9	76	0.00
94 T	Hexachlorobutadiene	0.386	0.387	-0.3	80	0.00
95 T	Naphthalene	3.532	3.733	-5.7	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICV VX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.991	1.018	-2.7	76	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	78	0.00
2 T	Dichlorodifluoromethane	50.000	62.046	-24.1	89	0.00
3 P	Chloromethane	50.000	55.867	-11.7	84	0.00
4 C	Vinyl Chloride	50.000	55.940	-11.9#	94	0.00
5 T	Bromomethane	50.000	69.459	-38.9#	102	0.00
6 T	Chloroethane	50.000	58.791	-17.6	102	0.00
7 T	Trichlorofluoromethane	50.000	69.274	-38.5#	105	0.00
8 T	Diethyl Ether	50.000	64.776	-29.6#	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.013	-6.0	83	0.00
10 T	Methyl Iodide	50.000	51.664	-3.3	78	0.00
11 T	Tert butyl alcohol	250.000	283.818	-13.5	93	0.00
12 CM	1,1-Dichloroethene	50.000	53.599	-7.2#	80	0.00
13 T	Acrolein	250.000	272.556	-9.0	81	0.00
14 T	Allyl chloride	50.000	58.343	-16.7	83	0.00
15 T	Acrylonitrile	250.000	276.221	-10.5	83	0.00
16 T	Acetone	250.000	265.748	-6.3	85	0.00
17 T	Carbon Disulfide	50.000	54.052	-8.1	84	0.00
18 T	Methyl Acetate	50.000	54.593	-9.2	86	0.00
19 T	Methyl tert-butyl Ether	50.000	57.868	-15.7	87	0.00
20 T	Methylene Chloride	50.000	51.368	-2.7	82	0.00
21 T	trans-1,2-Dichloroethene	50.000	55.548	-11.1	84	0.00
22 T	Diisopropyl ether	50.000	58.005	-16.0	87	0.00
23 T	Vinyl Acetate	250.000	314.256	-25.7#	91	0.00
24 P	1,1-Dichloroethane	50.000	56.478	-13.0	86	0.00
25 T	2-Butanone	250.000	288.244	-15.3	86	0.00
26 T	2,2-Dichloropropane	50.000	57.127	-14.3	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	54.236	-8.5	83	0.00
28 T	Bromochloromethane	50.000	54.265	-8.5	84	0.00
29 T	Tetrahydrofuran	250.000	284.374	-13.7	86	0.00
30 C	Chloroform	50.000	57.044	-14.1#	87	0.00
31 T	Cyclohexane	50.000	52.818	-5.6	83	0.00
32 T	1,1,1-Trichloroethane	50.000	58.048	-16.1	87	0.00
33 S	1,2-Dichloroethane-d4	50.000	58.016	-16.0	89	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	76	0.00
35 S	Dibromofluoromethane	50.000	54.792	-9.6	82	0.00
36 T	1,1-Dichloropropene	50.000	53.685	-7.4	84	0.00
37 T	Ethyl Acetate	50.000	59.057	-18.1	90	0.00
38 T	Carbon Tetrachloride	50.000	56.086	-12.2	87	0.00
39 T	Methylcyclohexane	50.000	52.543	-5.1	81	0.00
40 TM	Benzene	50.000	53.028	-6.1	80	0.00
41 T	Methacrylonitrile	50.000	59.928	-19.9	87	0.00
42 TM	1,2-Dichloroethane	50.000	58.882	-17.8	90	0.00
43 T	Isopropyl Acetate	50.000	60.266	-20.5	92	0.00
44 TM	Trichloroethene	50.000	48.004	4.0	82	0.00
45 C	1,2-Dichloropropane	50.000	53.869	-7.7#	82	0.00
46 T	Dibromomethane	50.000	57.366	-14.7	87	0.00
47 T	Bromodichloromethane	50.000	58.559	-17.1	84	0.00
48 T	Methyl methacrylate	50.000	56.995	-14.0	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043923.D
 Acq On : 20 Nov 2024 19:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX112124

Quant Time: Nov 21 07:05:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 07:00:56 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	1161.399	-16.1	120	0.00
50 S	Toluene-d8	50.000	55.587	-11.2	80	0.00
51 T	4-Methyl-2-Pentanone	250.000	296.806	-18.7	88	0.00
52 CM	Toluene	50.000	57.032	-14.1#	81	0.00
53 T	t-1,3-Dichloropropene	50.000	59.078	-18.2	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	56.813	-13.6	84	0.00
55 T	1,1,2-Trichloroethane	50.000	58.565	-17.1	82	0.00
56 T	Ethyl methacrylate	50.000	60.268	-20.5	82	0.00
57 T	1,3-Dichloropropane	50.000	58.860	-17.7	81	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	280.598	-12.2	82	0.00
59 T	2-Hexanone	250.000	313.432	-25.4#	88	0.00
60 T	Dibromochloromethane	50.000	62.789	-25.6#	84	0.00
61 T	1,2-Dibromoethane	50.000	57.509	-15.0	82	0.00
62 S	4-Bromofluorobenzene	50.000	60.492	-21.0	81	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	77	0.00
64 T	Tetrachloroethene	50.000	51.529	-3.1	79	0.00
65 PM	Chlorobenzene	50.000	52.143	-4.3	78	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	54.848	-9.7	81	0.00
67 C	Ethyl Benzene	50.000	54.424	-8.8#	80	0.00
68 T	m/p-Xylenes	100.000	108.500	-8.5	78	0.00
69 T	o-Xylene	50.000	55.404	-10.8	79	0.00
70 T	Styrene	50.000	56.236	-12.5	78	0.00
71 P	Bromoform	50.000	49.198	1.6	83	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	77	0.00
73 T	Isopropylbenzene	50.000	53.117	-6.2	81	0.00
74 T	N-amyl acetate	50.000	51.587	-3.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	54.391	-8.8	82	0.00
76 T	1,2,3-Trichloropropane	50.000	53.071	-6.1	82	0.00
77 T	Bromobenzene	50.000	51.501	-3.0	78	0.00
78 T	n-propylbenzene	50.000	54.835	-9.7	81	0.00
79 T	2-Chlorotoluene	50.000	54.025	-8.0	81	0.00
80 T	1,3,5-Trimethylbenzene	50.000	53.291	-6.6	80	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	48.469	3.1	80	0.00
82 T	4-Chlorotoluene	50.000	53.165	-6.3	80	0.00
83 T	tert-Butylbenzene	50.000	51.719	-3.4	78	0.00
84 T	1,2,4-Trimethylbenzene	50.000	53.283	-6.6	79	0.00
85 T	sec-Butylbenzene	50.000	52.682	-5.4	79	0.00
86 T	p-Isopropyltoluene	50.000	52.472	-4.9	78	0.00
87 T	1,3-Dichlorobenzene	50.000	50.841	-1.7	78	0.00
88 T	1,4-Dichlorobenzene	50.000	49.126	1.7	78	0.00
89 T	n-Butylbenzene	50.000	53.527	-7.1	81	0.00
90 T	Hexachloroethane	50.000	46.087	7.8	85	0.00
91 T	1,2-Dichlorobenzene	50.000	48.926	2.1	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	45.200	9.6	83	0.00
93 T	1,2,4-Trichlorobenzene	50.000	48.719	2.6	76	0.00
94 T	Hexachlorobutadiene	50.000	47.658	4.7	80	0.00
95 T	Naphthalene	50.000	50.468	-0.9	77	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043923.D
Acq On : 20 Nov 2024 19:16
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICV VX112124

Quant Time: Nov 21 07:05:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 07:00:56 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	49.248	1.5	76	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043925.D
 Acq On : 21 Nov 2024 09:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	148984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	260569	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	218244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92854	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	1889	1.001	ug/l	88
3) Chloromethane	1.295	50	1723	0.868	ug/l	90
4) Vinyl Chloride	1.374	62	2010	0.951	ug/l #	81
6) Chloroethane	1.666	64	1724	1.339	ug/l #	82
7) Trichlorofluoromethane	1.874	101	3093	0.819	ug/l	92
8) Diethyl Ether	2.136	74	1421	1.032	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.313	101	1764	0.979	ug/l	94
12) 1,1-Dichloroethene	2.300	96	1775	1.034	ug/l #	62
14) Allyl chloride	2.654	41	2371	0.845	ug/l	87
15) Acrylonitrile	3.063	53	4483	4.485	ug/l	95
16) Acetone	2.386	43	5977	5.093	ug/l #	86
17) Carbon Disulfide	2.502	76	3223	0.910	ug/l	99
18) Methyl Acetate	2.703	43	2775	1.015	ug/l	97
19) Methyl tert-butyl Ether	3.105	73	5162	0.828	ug/l	94
20) Methylene Chloride	2.782	84	2099	1.054	ug/l #	73
21) trans-1,2-Dichloroethene	3.081	96	1624	0.916	ug/l	97
22) Diisopropyl ether	3.751	45	4882	0.814	ug/l #	30
23) Vinyl Acetate	3.727	43	18541	3.613	ug/l	98
24) 1,1-Dichloroethane	3.593	63	2919	0.844	ug/l #	94
25) 2-Butanone	4.581	43	6676	4.408	ug/l	92
26) 2,2-Dichloropropane	4.459	77	2687	0.860	ug/l	86
27) cis-1,2-Dichloroethene	4.495	96	2007	0.916	ug/l	89
28) Bromochloromethane	4.904	49	1494m	0.981	ug/l	
29) Tetrahydrofuran	5.013	42	4264	4.593	ug/l	95
30) Chloroform	5.093	83	3187	0.856	ug/l #	76
32) 1,1,1-Trichloroethane	5.373	97	2600	0.810	ug/l #	46
36) 1,1-Dichloropropene	5.690	75	1993	0.859	ug/l #	80
37) Ethyl Acetate	4.733	43	2692m	0.935	ug/l	
38) Carbon Tetrachloride	5.660	117	2287	0.877	ug/l #	78
39) Methylcyclohexane	7.379	83	2835	0.941	ug/l	90
40) Benzene	6.032	78	6312	0.873	ug/l #	84
41) Methacrylonitrile	4.934	41	1141m	0.774	ug/l	
42) 1,2-Dichloroethane	6.086	62	2602	0.896	ug/l	84
43) Isopropyl Acetate	6.355	43	3881	0.847	ug/l #	90
44) Trichloroethene	7.123	130	2850	1.393	ug/l	82
45) 1,2-Dichloropropane	7.428	63	1503	0.849	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043925.D
 Acq On : 21 Nov 2024 09:47
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

MSVOA_X

Client Sample Id :

VSTDICC001

Manual Integrations

APPROVED

Reviewed By : John Carlone 11/22/2024

Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:27:42 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M

Quant Title : SW846 8260

QLast Update : Fri Nov 22 03:25:42 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.580	93	1246	0.890	ug/l	94
47) Bromodichloromethane	7.824	83	1819	0.724	ug/l #	93
48) Methyl methacrylate	7.702	41	2017m	0.917	ug/l	
49) 1,4-Dioxane	7.671	88	613	16.166	ug/l #	50
51) 4-Methyl-2-Pentanone	8.574	43	11392	4.073	ug/l	96
52) Toluene	8.714	92	3313	0.766	ug/l	82
53) t-1,3-Dichloropropene	8.988	75	1776	0.694	ug/l #	86
54) cis-1,3-Dichloropropene	8.366	75	2132	0.759	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	1496	0.838	ug/l #	85
56) Ethyl methacrylate	9.122	69	1973	0.709	ug/l #	82
57) 1,3-Dichloropropane	9.305	76	2502	0.832	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.245	63	4135	2.662	ug/l	93
59) 2-Hexanone	9.439	43	7726	3.675	ug/l	99
60) Dibromochloromethane	9.519	129	1296	0.723	ug/l	93
61) 1,2-Dibromoethane	9.610	107	1342	0.743	ug/l #	80
64) Tetrachloroethene	9.269	164	1329	0.924	ug/l	88
65) Chlorobenzene	10.073	112	4585	0.957	ug/l #	86
66) 1,1,1,2-Tetrachloroethane	10.165	131	1136	0.731	ug/l #	66
67) Ethyl Benzene	10.195	91	6890	0.848	ug/l #	86
68) m/p-Xylenes	10.305	106	5324	1.758	ug/l	95
69) o-Xylene	10.640	106	2370	0.801	ug/l	95
70) Styrene	10.665	104	3751	0.767	ug/l	97
71) Bromoform	10.799	173	632	1.756	ug/l #	87
73) Isopropylbenzene	10.964	105	6379	0.894	ug/l	94
74) N-amyl acetate	10.848	43	2319	0.701	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.214	83	2224	0.910	ug/l	83
76) 1,2,3-Trichloropropane	11.244	75	1603m	0.801	ug/l	
77) Bromobenzene	11.201	156	1475	0.866	ug/l	94
78) n-propylbenzene	11.305	91	6810	0.854	ug/l	95
79) 2-Chlorotoluene	11.366	91	4618	0.916	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	5022	0.855	ug/l	96
82) 4-Chlorotoluene	11.457	91	4940	0.868	ug/l	94
83) tert-Butylbenzene	11.713	119	4794	0.824	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	4748	0.812	ug/l	99
85) sec-Butylbenzene	11.890	105	5787	0.812	ug/l	94
86) p-Isopropyltoluene	12.012	119	4187	0.723	ug/l	87
87) 1,3-Dichlorobenzene	11.969	146	2934	0.946	ug/l	93
88) 1,4-Dichlorobenzene	12.043	146	3212m	1.020	ug/l	
89) n-Butylbenzene	12.335	91	3522	0.690	ug/l	93
90) Hexachloroethane	12.536	117	835	0.848	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	2796	0.893	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.957	75	395	0.807	ug/l	65
93) 1,2,4-Trichlorobenzene	13.597	180	1576	0.854	ug/l	78
94) Hexachlorobutadiene	13.725	225	709	0.972	ug/l	89
95) Naphthalene	13.780	128	4837	0.728	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1398	0.749	ug/l	81

(#) = qualifier out of range (m) = manual integration (+) = signals summed

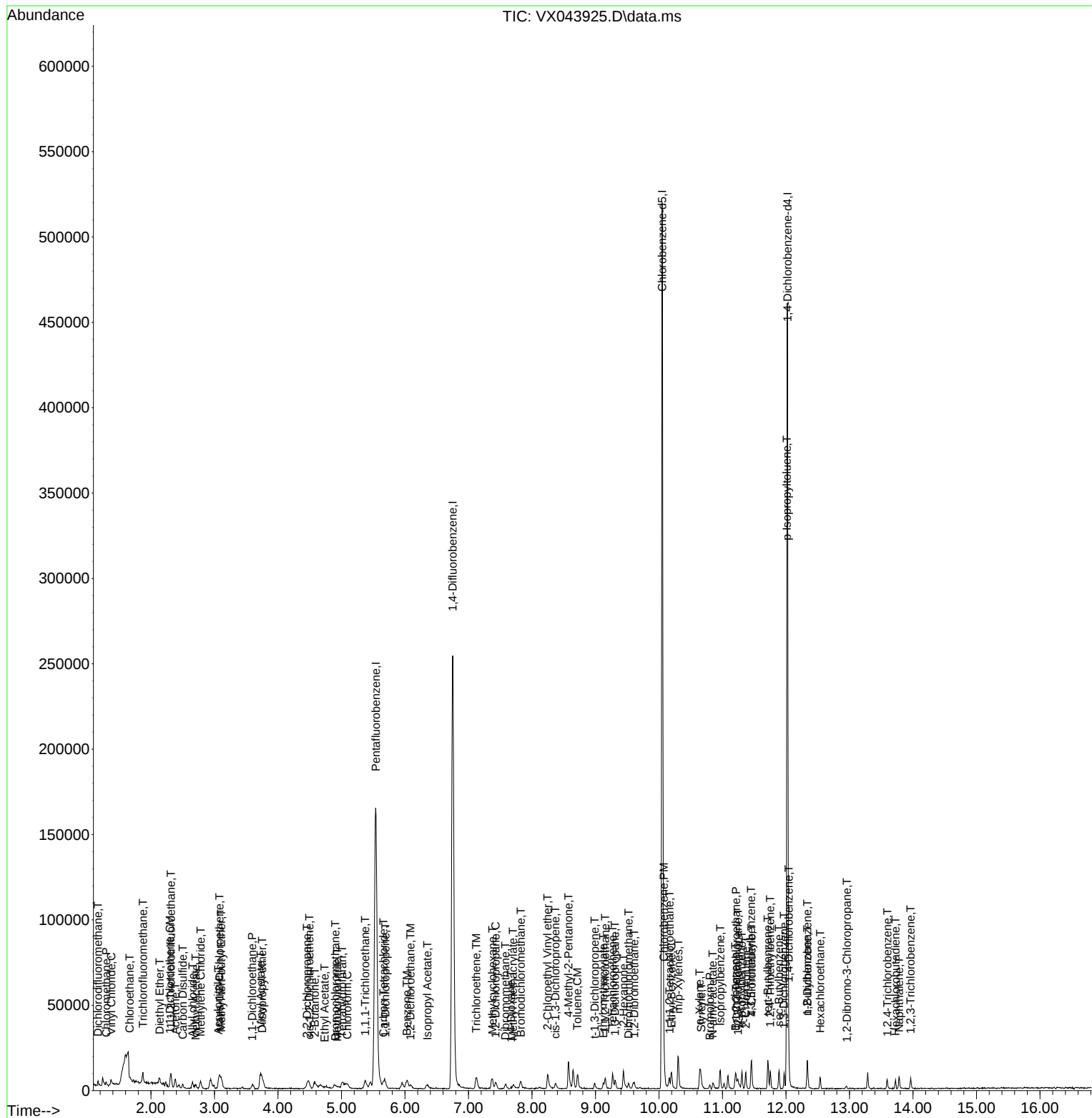
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043925.D
Acq On : 21 Nov 2024 09:47
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Nov 22 03:27:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043926.D
 Acq On : 21 Nov 2024 10:14
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	150793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	264969	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96662	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	13961	5.398	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	10.800%#		
35) Dibromofluoromethane	5.379	113	9842	5.198	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.400%#		
50) Toluene-d8	8.646	98	35173	5.389	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	10.780%#		
62) 4-Bromofluorobenzene	11.079	95	10618	4.780	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	9.560%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	9545	4.997	ug/l	87
3) Chloromethane	1.294	50	9980	4.965	ug/l	98
4) Vinyl Chloride	1.373	62	10682	4.996	ug/l	100
5) Bromomethane	1.593	94	6415	4.877	ug/l	90
6) Chloroethane	1.666	64	6474	4.969	ug/l	99
7) Trichlorofluoromethane	1.867	101	19099	4.996	ug/l	91
8) Diethyl Ether	2.129	74	6480	4.651	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.318	101	8824	4.839	ug/l	98
10) Methyl Iodide	2.440	142	9897	4.346	ug/l	98
11) Tert butyl alcohol	2.995	59	9278m	22.349	ug/l	
12) 1,1-Dichloroethene	2.306	96	7987	4.597	ug/l	87
13) Acrolein	2.239	56	11940	27.287	ug/l	97
14) Allyl chloride	2.654	41	12874	4.534	ug/l	96
15) Acrylonitrile	3.062	53	24290	24.010	ug/l	99
16) Acetone	2.385	43	29886	25.159	ug/l	95
17) Carbon Disulfide	2.495	76	14415	4.022	ug/l #	94
18) Methyl Acetate	2.702	43	13127	4.745	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	30022	4.759	ug/l #	88
20) Methylene Chloride	2.782	84	9895	4.909	ug/l	95
21) trans-1,2-Dichloroethene	3.080	96	8486	4.730	ug/l #	80
22) Diisopropyl ether	3.757	45	29102	4.794	ug/l #	65
23) Vinyl Acetate	3.721	43	116242	22.382	ug/l	100
24) 1,1-Dichloroethane	3.599	63	16857	4.813	ug/l	98
25) 2-Butanone	4.568	43	36680	23.931	ug/l	96
26) 2,2-Dichloropropane	4.458	77	15040	4.755	ug/l #	76
27) cis-1,2-Dichloroethene	4.477	96	10153	4.579	ug/l	96
28) Bromochloromethane	4.891	49	9210	5.974	ug/l	100
29) Tetrahydrofuran	5.007	42	23518	25.028	ug/l	96
30) Chloroform	5.086	83	18661	4.954	ug/l	97
31) Cyclohexane	5.458	56	13740	4.767	ug/l #	85
32) 1,1,1-Trichloroethane	5.379	97	15162	4.667	ug/l	96
36) 1,1-Dichloropropene	5.690	75	11406	4.834	ug/l	97
37) Ethyl Acetate	4.720	43	14551m	4.968	ug/l	
38) Carbon Tetrachloride	5.665	117	12348	4.658	ug/l	97
39) Methylcyclohexane	7.372	83	14721	4.803	ug/l	95
40) Benzene	6.031	78	36283	4.937	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043926.D
 Acq On : 21 Nov 2024 10:14
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:25:42 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	7355	4.907	ug/l #	95
42) 1,2-Dichloroethane	6.080	62	14467	4.901	ug/l	99
43) Isopropyl Acetate	6.348	43	22267	4.777	ug/l	99
44) Trichloroethene	7.128	130	9852	4.736	ug/l	92
45) 1,2-Dichloropropane	7.427	63	8525	4.736	ug/l	91
46) Dibromomethane	7.586	93	6372	4.475	ug/l	93
47) Bromodichloromethane	7.823	83	11249	4.405	ug/l	96
48) Methyl methacrylate	7.695	41	10190	4.556	ug/l	95
49) 1,4-Dioxane	7.677	88	4090m	106.070	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	69843	24.556	ug/l	97
52) Toluene	8.714	92	22218	5.051	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	10937	4.200	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	12253	4.292	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	9000	4.957	ug/l	94
56) Ethyl methacrylate	9.116	69	12381	4.378	ug/l	96
57) 1,3-Dichloropropane	9.311	76	15211	4.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	43351	27.673	ug/l	100
59) 2-Hexanone	9.433	43	52072	24.357	ug/l	100
60) Dibromochloromethane	9.518	129	7738	4.247	ug/l	99
61) 1,2-Dibromoethane	9.610	107	8985	4.894	ug/l	98
64) Tetrachloroethene	9.274	164	7642	5.185	ug/l	93
65) Chlorobenzene	10.079	112	24792	5.050	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	7421	4.661	ug/l	96
67) Ethyl Benzene	10.195	91	40927	4.920	ug/l	95
68) m/p-Xylenes	10.305	106	29635	9.553	ug/l	99
69) o-Xylene	10.640	106	14856	4.905	ug/l	98
70) Styrene	10.658	104	22907	4.573	ug/l	97
71) Bromoform	10.799	173	4476	5.004	ug/l #	99
73) Isopropylbenzene	10.957	105	37958	5.109	ug/l	99
74) N-amyl acetate	10.841	43	15928	4.627	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	13107	5.152	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	12040m	5.776	ug/l	
77) Bromobenzene	11.195	156	9259	5.224	ug/l	97
78) n-propylbenzene	11.305	91	39774	4.793	ug/l	98
79) 2-Chlorotoluene	11.366	91	26740	5.096	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	30114	4.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	2880	3.707	ug/l #	77
82) 4-Chlorotoluene	11.451	91	29049	4.903	ug/l	96
83) tert-Butylbenzene	11.713	119	29934	4.940	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	30674	5.040	ug/l	97
85) sec-Butylbenzene	11.890	105	37899	5.105	ug/l	96
86) p-Isopropyltoluene	12.006	119	29412	4.878	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	16008	4.959	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	15837	4.831	ug/l	89
89) n-Butylbenzene	12.335	91	24938	4.691	ug/l	99
90) Hexachloroethane	12.536	117	4279	4.173	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	16747	5.140	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	2454	4.814	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	8746	4.553	ug/l	98
94) Hexachlorobutadiene	13.725	225	3713	4.891	ug/l	97
95) Naphthalene	13.774	128	32485	4.698	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	9280	4.773	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043926.D
Acq On : 21 Nov 2024 10:14
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

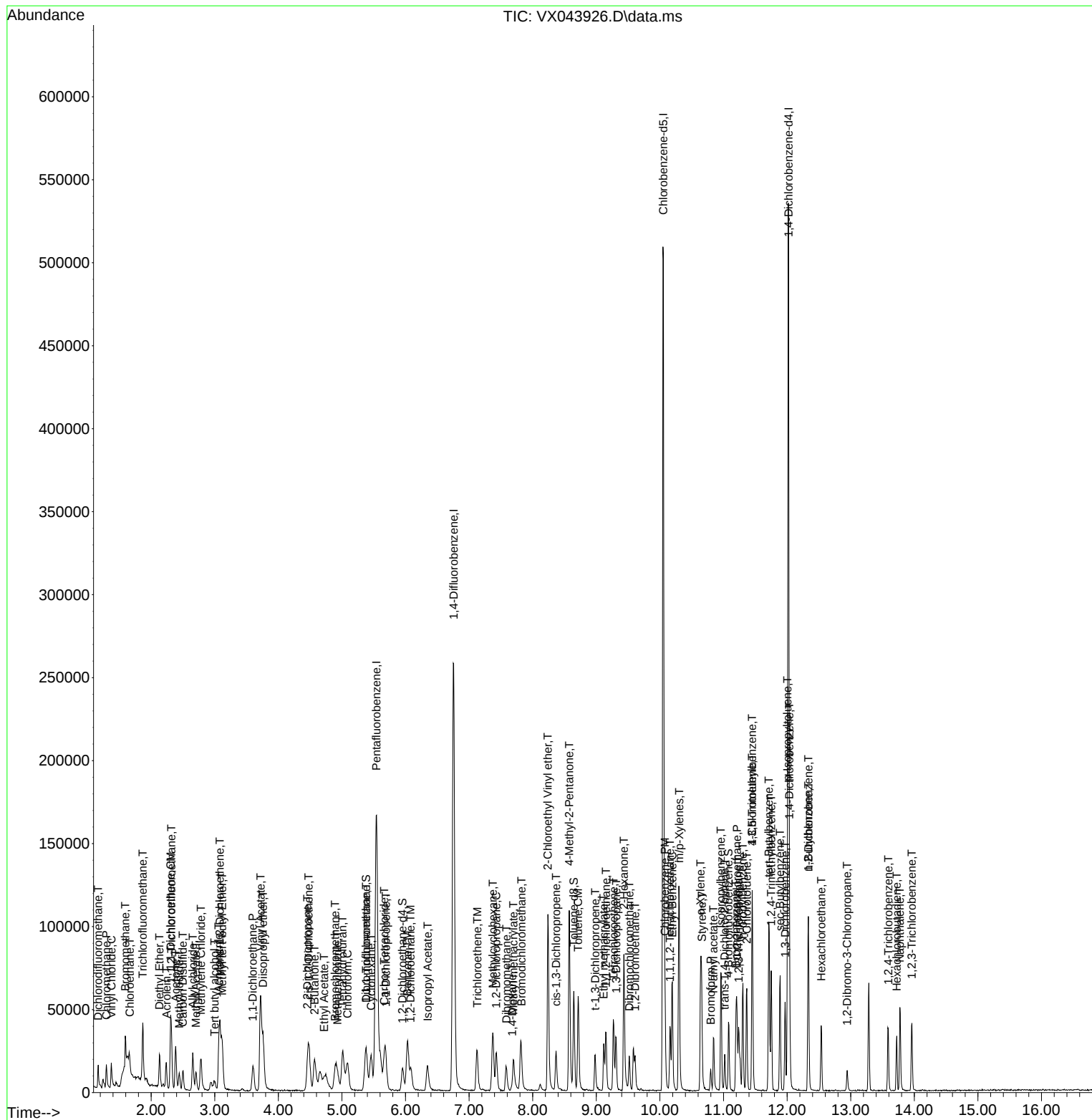
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043926.D
Acq On    : 21 Nov 2024  10:14
Operator  : JC/MD
Sample    : VSTDICC005
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 13   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:28:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:25:42 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043927.D
 Acq On : 21 Nov 2024 10:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 21 11:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	137617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	247844	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98477	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	48239	22.821	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	45.640%#
35) Dibromofluoromethane	5.385	113	35015	21.040	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	42.080%#
50) Toluene-d8	8.647	98	122646	22.060	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	44.120%#
62) 4-Bromofluorobenzene	11.079	95	41087	22.365	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	44.720%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	35268	25.327	ug/l	98
3) Chloromethane	1.295	50	39622	22.767	ug/l	93
4) Vinyl Chloride	1.374	62	40173	22.975	ug/l	95
5) Bromomethane	1.593	94	24112	30.357	ug/l	98
6) Chloroethane	1.666	64	22213	26.595	ug/l	97
7) Trichlorofluoromethane	1.868	101	73464	29.469	ug/l	99
8) Diethyl Ether	2.136	74	25875	27.531	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	33284	22.561	ug/l	96
10) Methyl Iodide	2.441	142	43047	20.733	ug/l	94
11) Tert butyl alcohol	3.002	59	36554	108.748	ug/l	100
12) 1,1-Dichloroethene	2.307	96	32180	22.474	ug/l	96
13) Acrolein	2.240	56	35249	93.505	ug/l	99
14) Allyl chloride	2.660	41	53053	22.853	ug/l #	88
15) Acrylonitrile	3.069	53	94417	109.118	ug/l	99
16) Acetone	2.386	43	110373	130.004	ug/l	89
17) Carbon Disulfide	2.502	76	59349	18.983	ug/l	98
18) Methyl Acetate	2.709	43	50136	21.564	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	121776	23.009	ug/l	100
20) Methylene Chloride	2.788	84	37633	21.177	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	33545	21.489	ug/l	100
22) Diisopropyl ether	3.764	45	119475	23.557	ug/l	91
23) Vinyl Acetate	3.721	43	504408	122.699	ug/l	98
24) 1,1-Dichloroethane	3.599	63	67233	22.540	ug/l	99
25) 2-Butanone	4.568	43	148152	124.741	ug/l	97
26) 2,2-Dichloropropane	4.471	77	58444	23.843	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	41866	21.551	ug/l	94
28) Bromochloromethane	4.891	49	26507	21.119	ug/l	90
29) Tetrahydrofuran	5.013	42	87736	114.321	ug/l	98
30) Chloroform	5.087	83	72049	23.172	ug/l	97
31) Cyclohexane	5.458	56	53731	22.225	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	62394	23.474	ug/l	98
36) 1,1-Dichloropropene	5.684	75	44465	21.438	ug/l	99
37) Ethyl Acetate	4.715	43	54426	23.316	ug/l	97
38) Carbon Tetrachloride	5.672	117	48701	22.179	ug/l	99
39) Methylcyclohexane	7.379	83	55958	21.551	ug/l	99
40) Benzene	6.025	78	144401	22.144	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043927.D
 Acq On : 21 Nov 2024 10:37
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	28938	23.789	ug/l	95
42) 1,2-Dichloroethane	6.086	62	57981	24.487	ug/l	98
43) Isopropyl Acetate	6.349	43	88577	24.054	ug/l	94
44) Trichloroethene	7.117	130	36440	20.270	ug/l	95
45) 1,2-Dichloropropane	7.428	63	35791	22.394	ug/l	97
46) Dibromomethane	7.580	93	27799	23.082	ug/l	96
47) Bromodichloromethane	7.818	83	49665	23.471	ug/l #	94
48) Methyl methacrylate	7.690	41	41962	22.991	ug/l #	87
49) 1,4-Dioxane	7.665	88	12071	310.503	ug/l #	62
51) 4-Methyl-2-Pentanone	8.574	43	278479	121.285	ug/l	95
52) Toluene	8.714	92	87569	23.277	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	50294	23.425	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	56407	23.184	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	37148	25.308	ug/l	96
56) Ethyl methacrylate	9.116	69	56585	24.347	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	61420	24.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	136842	112.277	ug/l	96
59) 2-Hexanone	9.433	43	213629	131.869	ug/l	93
60) Dibromochloromethane	9.519	129	34133	23.864	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36985	24.156	ug/l	99
64) Tetrachloroethene	9.269	164	29274	20.948	ug/l	98
65) Chlorobenzene	10.080	112	96469	21.197	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	32353	21.360	ug/l	98
67) Ethyl Benzene	10.189	91	166435	21.731	ug/l	98
68) m/p-Xylenes	10.299	106	122658	42.997	ug/l	95
69) o-Xylene	10.640	106	60254	21.648	ug/l	94
70) Styrene	10.653	104	102329	22.308	ug/l	97
71) Bromoform	10.799	173	19329	19.555	ug/l #	97
73) Isopropylbenzene	10.964	105	157405	22.393	ug/l	99
74) N-amyl acetate	10.842	43	73525	23.459	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	54158	22.787	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45423m	22.601	ug/l	
77) Bromobenzene	11.195	156	37631	21.843	ug/l	97
78) n-propylbenzene	11.305	91	176034	22.696	ug/l	98
79) 2-Chlorotoluene	11.360	91	112986	22.894	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	132041	22.662	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14743	20.654	ug/l	88
82) 4-Chlorotoluene	11.451	91	125521	22.085	ug/l	99
83) tert-Butylbenzene	11.713	119	128636	21.582	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	132595	22.408	ug/l	99
85) sec-Butylbenzene	11.890	105	156312	21.962	ug/l	98
86) p-Isopropyltoluene	12.006	119	130605	21.854	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	67003	20.986	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	67195	20.527	ug/l	98
89) n-Butylbenzene	12.329	91	110491	21.698	ug/l	98
90) Hexachloroethane	12.536	117	19547	19.432	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	67852	20.298	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9939	20.259	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	38866	19.894	ug/l	100
94) Hexachlorobutadiene	13.725	225	14818	18.508	ug/l	91
95) Naphthalene	13.774	128	145678	19.999	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	41554	20.415	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043927.D
Acq On : 21 Nov 2024 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 11:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

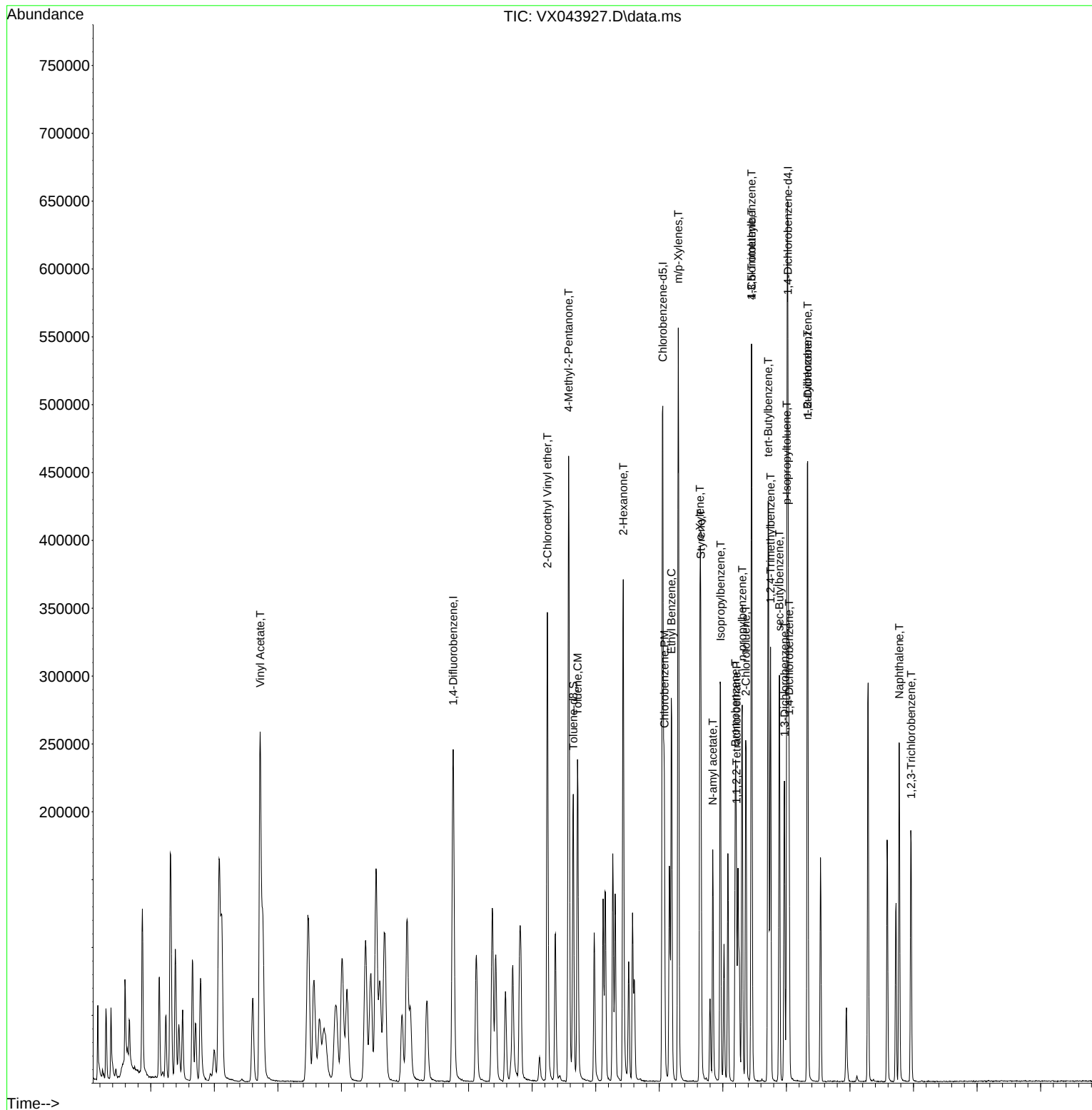
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043927.D
Acq On : 21 Nov 2024 10:37
Operator : JC/MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC020

Quant Time: Nov 21 11:27:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043928.D
 Acq On : 21 Nov 2024 11:17
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Nov 21 12:14:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	138578	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	241629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	212243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100316	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	104086	48.899	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.800%
35) Dibromofluoromethane	5.379	113	78954	48.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.320%
50) Toluene-d8	8.641	98	266650	49.194	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	11.079	95	93510	52.209	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.420%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	94790	67.600	ug/l	98
3) Chloromethane	1.295	50	96646	55.148	ug/l	100
4) Vinyl Chloride	1.374	62	105586	59.966	ug/l	100
5) Bromomethane	1.593	94	61728	77.177	ug/l	97
6) Chloroethane	1.660	64	63580	75.594	ug/l	98
7) Trichlorofluoromethane	1.868	101	188045	74.909	ug/l	100
8) Diethyl Ether	2.130	74	65665	69.383	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.313	101	91167	61.367	ug/l	97
10) Methyl Iodide	2.441	142	112083	53.608	ug/l	95
11) Tert butyl alcohol	2.995	59	100130	295.821	ug/l	99
12) 1,1-Dichloroethene	2.307	96	83087	57.625	ug/l	92
13) Acrolein	2.233	56	100647	265.136	ug/l	97
14) Allyl chloride	2.654	41	144663	61.883	ug/l	91
15) Acrylonitrile	3.063	53	256493	294.373	ug/l	98
16) Acetone	2.380	43	294611	344.605	ug/l	93
17) Carbon Disulfide	2.502	76	178294	56.633	ug/l	99
18) Methyl Acetate	2.703	43	136735	58.404	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	313754	58.872	ug/l	98
20) Methylene Chloride	2.782	84	92475	51.676	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	87752	55.825	ug/l	95
22) Diisopropyl ether	3.758	45	299631	58.668	ug/l	94
23) Vinyl Acetate	3.715	43	1344870	324.875	ug/l	97
24) 1,1-Dichloroethane	3.599	63	174008	57.932	ug/l	99
25) 2-Butanone	4.556	43	392575	328.247	ug/l	97
26) 2,2-Dichloropropane	4.465	77	158151	64.072	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	109742	56.100	ug/l	94
28) Bromochloromethane	4.885	49	62386	49.360	ug/l	88
29) Tetrahydrofuran	5.001	42	234208	303.060	ug/l	97
30) Chloroform	5.080	83	182404	58.257	ug/l	94
31) Cyclohexane	5.458	56	144224	59.242	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	164023	61.280	ug/l	98
36) 1,1-Dichloropropene	5.678	75	119269	58.983	ug/l	99
37) Ethyl Acetate	4.709	43	147393	64.767	ug/l	98
38) Carbon Tetrachloride	5.666	117	134725	62.932	ug/l	97
39) Methylcyclohexane	7.373	83	158586	62.647	ug/l	95
40) Benzene	6.025	78	360978	56.780	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043928.D
 Acq On : 21 Nov 2024 11:17
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:14:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	79507	67.041	ug/l	96
42) 1,2-Dichloroethane	6.074	62	145681	63.109	ug/l	97
43) Isopropyl Acetate	6.336	43	235856	65.697	ug/l	94
44) Trichloroethene	7.117	130	90015	51.360	ug/l	91
45) 1,2-Dichloropropane	7.422	63	89529	57.459	ug/l	98
46) Dibromomethane	7.574	93	70679	60.196	ug/l	96
47) Bromodichloromethane	7.818	83	131365	63.678	ug/l	97
48) Methyl methacrylate	7.690	41	112803	63.393	ug/l #	88
49) 1,4-Dioxane	7.659	88	33402	881.301	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	732582	327.265	ug/l	95
52) Toluene	8.714	92	222500	60.664	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	137451	65.667	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	147638	62.243	ug/l	92
55) 1,1,2-Trichloroethane	9.147	97	89441	62.501	ug/l	97
56) Ethyl methacrylate	9.116	69	148281	65.443	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	151124	63.034	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	371281	312.467	ug/l	98
59) 2-Hexanone	9.427	43	568460	359.925	ug/l	93
60) Dibromochloromethane	9.519	129	95641	68.588	ug/l	99
61) 1,2-Dibromoethane	9.604	107	92940	62.263	ug/l	99
64) Tetrachloroethene	9.269	164	74157	54.472	ug/l	99
65) Chlorobenzene	10.080	112	243080	54.828	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	83934	56.885	ug/l	98
67) Ethyl Benzene	10.189	91	429559	57.573	ug/l	97
68) m/p-Xylenes	10.299	106	323661	116.466	ug/l	96
69) o-Xylene	10.640	106	160643	59.245	ug/l	99
70) Styrene	10.653	104	268004	59.974	ug/l	98
71) Bromoform	10.799	173	60267	62.587	ug/l #	98
73) Isopropylbenzene	10.957	105	411000	57.397	ug/l	99
74) N-amyl acetate	10.842	43	200195	62.704	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.214	83	139756	57.726	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	118450m	57.858	ug/l	
77) Bromobenzene	11.195	156	97761	55.706	ug/l	97
78) n-propylbenzene	11.299	91	474802	60.094	ug/l	100
79) 2-Chlorotoluene	11.360	91	286649	57.018	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	345531	58.215	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	44450	61.129	ug/l	96
82) 4-Chlorotoluene	11.451	91	333946	57.679	ug/l	100
83) tert-Butylbenzene	11.713	119	345112	56.841	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	345112	57.254	ug/l	99
85) sec-Butylbenzene	11.890	105	426284	58.794	ug/l	99
86) p-Isopropyltoluene	12.006	119	353256	58.026	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	176936	54.401	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	178728	53.598	ug/l	98
89) n-Butylbenzene	12.329	91	319448	61.581	ug/l	99
90) Hexachloroethane	12.536	117	59010	57.586	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	177334	52.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	28467	56.961	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	108749	54.645	ug/l	98
94) Hexachlorobutadiene	13.725	225	41267	50.599	ug/l	95
95) Naphthalene	13.774	128	401752	54.142	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	112162	54.094	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043928.D
Acq On : 21 Nov 2024 11:17
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:14:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

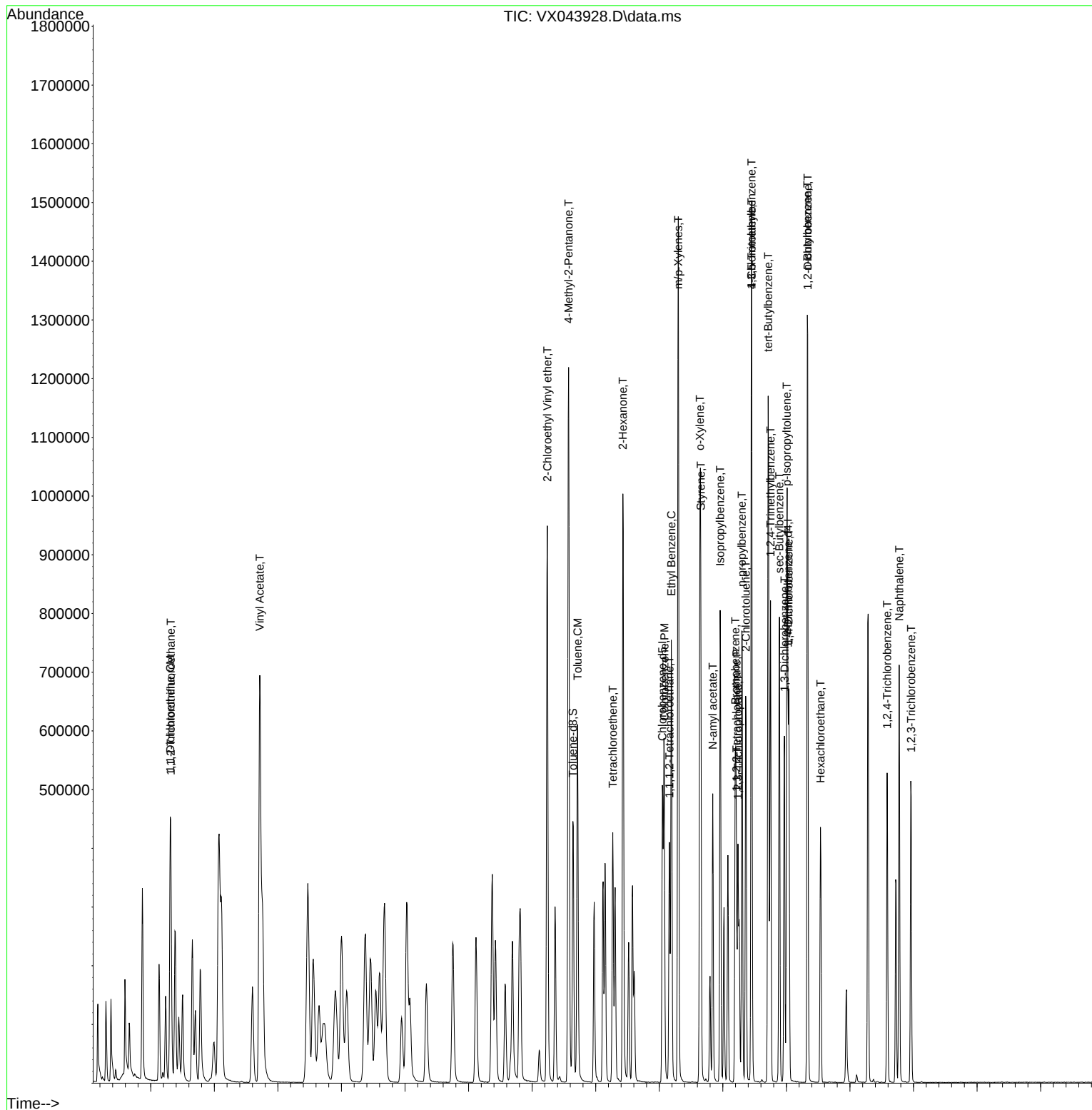
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043928.D
Acq On : 21 Nov 2024 11:17
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:14:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043929.D
 Acq On : 21 Nov 2024 11:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 21 12:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	138314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	236531	111.333	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 222.660%#			
35) Dibromofluoromethane	5.379	113	176869	106.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 213.780%#			
50) Toluene-d8	8.647	98	607337	109.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 219.740%#			
62) 4-Bromofluorobenzene	11.079	95	215953	118.228	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 236.460%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	166145	118.713	ug/l	97
3) Chloromethane	1.295	50	183899	105.136	ug/l	100
4) Vinyl Chloride	1.374	62	192221	109.377	ug/l	98
5) Bromomethane	1.593	94	118792	148.807	ug/l	99
6) Chloroethane	1.660	64	101816	121.286	ug/l	98
7) Trichlorofluoromethane	1.868	101	354375	141.438	ug/l	100
8) Diethyl Ether	2.136	74	125840	133.219	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	162988	109.922	ug/l	96
10) Methyl Iodide	2.441	142	213858	102.481	ug/l	96
11) Tert butyl alcohol	3.002	59	184757	546.882	ug/l	100
12) 1,1-Dichloroethene	2.307	96	158111	109.868	ug/l	89
13) Acrolein	2.240	56	200929	530.320	ug/l	99
14) Allyl chloride	2.654	41	276068	118.320	ug/l	90
15) Acrylonitrile	3.069	53	458624	527.361	ug/l	97
16) Acetone	2.386	43	511112	598.985	ug/l	92
17) Carbon Disulfide	2.502	76	367958	117.100	ug/l	99
18) Methyl Acetate	2.703	43	247225	105.800	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	597600	112.347	ug/l	99
20) Methylene Chloride	2.782	84	178008	99.663	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	165989	105.798	ug/l	98
22) Diisopropyl ether	3.764	45	572855	112.380	ug/l	97
23) Vinyl Acetate	3.721	43	2570419	622.111	ug/l	97
24) 1,1-Dichloroethane	3.605	63	327756	109.327	ug/l	99
25) 2-Butanone	4.562	43	690992	578.867	ug/l	98
26) 2,2-Dichloropropane	4.471	77	299254	121.468	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	206207	105.613	ug/l	94
28) Bromochloromethane	4.898	49	138227	109.575	ug/l	91
29) Tetrahydrofuran	5.007	42	419337	543.649	ug/l	97
30) Chloroform	5.087	83	350923	112.294	ug/l	97
31) Cyclohexane	5.458	56	256114	105.404	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	309469	115.841	ug/l	98
36) 1,1-Dichloropropene	5.684	75	222573	107.931	ug/l	99
37) Ethyl Acetate	4.715	43	265631	114.453	ug/l	97
38) Carbon Tetrachloride	5.672	117	256290	117.390	ug/l	97
39) Methylcyclohexane	7.373	83	283075	109.652	ug/l	98
40) Benzene	6.032	78	684139	105.520	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043929.D
 Acq On : 21 Nov 2024 11:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	143256	118.447	ug/l	94
42) 1,2-Dichloroethane	6.080	62	271641	115.387	ug/l	98
43) Isopropyl Acetate	6.342	43	440615	120.346	ug/l	94
44) Trichloroethene	7.123	130	169796	94.997	ug/l	98
45) 1,2-Dichloropropane	7.428	63	170741	107.450	ug/l	99
46) Dibromomethane	7.574	93	135928	113.518	ug/l	96
47) Bromodichloromethane	7.818	83	260442	123.792	ug/l	97
48) Methyl methacrylate	7.690	41	210614	116.061	ug/l	88
49) 1,4-Dioxane	7.665	88	62845	1625.913	ug/l #	72
51) 4-Methyl-2-Pentanone	8.574	43	1329064	582.189	ug/l	95
52) Toluene	8.714	92	418999	112.018	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	270418	126.680	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	285627	118.077	ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	167357	114.675	ug/l	97
56) Ethyl methacrylate	9.116	69	286893	124.157	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	285511	116.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	698756	576.637	ug/l	98
59) 2-Hexanone	9.433	43	1011261	627.842	ug/l	95
60) Dibromochloromethane	9.519	129	187476	131.832	ug/l	99
61) 1,2-Dibromoethane	9.610	107	176345	115.841	ug/l	99
64) Tetrachloroethene	9.269	164	135740	98.157	ug/l	97
65) Chlorobenzene	10.080	112	461076	102.382	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	164586	109.812	ug/l	97
67) Ethyl Benzene	10.189	91	812289	107.178	ug/l	98
68) m/p-Xylenes	10.299	106	603451	213.769	ug/l	96
69) o-Xylene	10.640	106	298739	108.462	ug/l	98
70) Styrene	10.653	104	511251	112.628	ug/l	98
71) Bromoform	10.799	173	123114	125.866	ug/l #	98
73) Isopropylbenzene	10.957	105	765623	103.086	ug/l	99
74) N-amyl acetate	10.842	43	394438	119.112	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	262302	104.456	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	219028m	103.148	ug/l	
77) Bromobenzene	11.195	156	183742	100.944	ug/l	98
78) n-propylbenzene	11.305	91	891893	108.835	ug/l	99
79) 2-Chlorotoluene	11.360	91	537190	103.022	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	648916	105.408	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	88041	116.733	ug/l	97
82) 4-Chlorotoluene	11.451	91	629590	104.841	ug/l	100
83) tert-Butylbenzene	11.713	119	655918	104.157	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	650156	103.992	ug/l	100
85) sec-Butylbenzene	11.890	105	793233	105.481	ug/l	100
86) p-Isopropyltoluene	12.006	119	669819	106.078	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	337665	100.095	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	343312	99.262	ug/l	99
89) n-Butylbenzene	12.329	91	605284	112.498	ug/l	99
90) Hexachloroethane	12.536	117	120913	113.763	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	341767	96.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57287	110.517	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	210571	102.015	ug/l	98
94) Hexachlorobutadiene	13.725	225	79822	94.363	ug/l	95
95) Naphthalene	13.774	128	776740	100.923	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	211814	98.491	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043929.D
Acq On : 21 Nov 2024 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

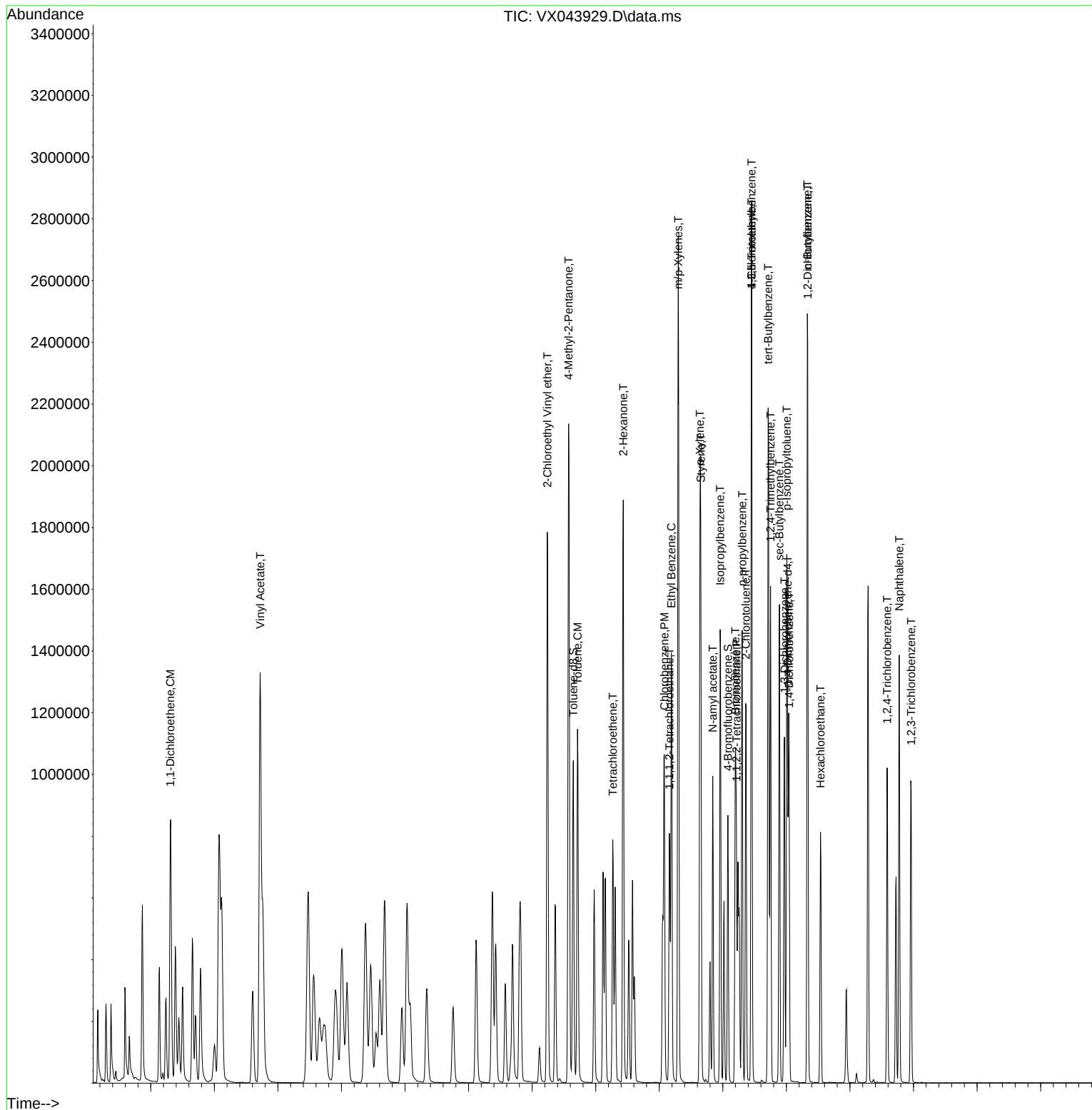
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043929.D
Acq On : 21 Nov 2024 11:40
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:15:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 11:25:29 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043930.D
 Acq On : 21 Nov 2024 12:03
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 21 12:32:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 12:18:48 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	132286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	237642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	203280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96376	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	349080	171.797	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	343.600%#
35) Dibromofluoromethane	5.385	113	268135	168.036	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	336.080%#
50) Toluene-d8	8.647	98	896413	168.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	336.300%#
62) 4-Bromofluorobenzene	11.079	95	324612	184.279	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	368.560%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	241389	180.335	ug/l	97
3) Chloromethane	1.294	50	268770	160.659	ug/l	100
4) Vinyl Chloride	1.374	62	271568	161.568	ug/l	99
5) Bromomethane	1.593	94	175581	229.967	ug/l	98
6) Chloroethane	1.660	64	140375	174.839	ug/l	98
7) Trichlorofluoromethane	1.861	101	527057	219.944	ug/l	100
8) Diethyl Ether	2.136	74	185146	204.934	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.312	101	237653	167.580	ug/l	97
10) Methyl Iodide	2.440	142	299792	150.207	ug/l	96
11) Tert butyl alcohol	3.014	59	306168	947.555	ug/l	99
12) 1,1-Dichloroethene	2.306	96	228504	166.017	ug/l	91
13) Acrolein	2.239	56	294638	813.086	ug/l	100
14) Allyl chloride	2.654	41	394228	176.662	ug/l	91
15) Acrylonitrile	3.068	53	684169	822.558	ug/l	98
16) Acetone	2.392	43	734161	899.588	ug/l	92
17) Carbon Disulfide	2.501	76	554853	184.625	ug/l	100
18) Methyl Acetate	2.703	43	361338	161.681	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	869848	170.980	ug/l	98
20) Methylene Chloride	2.782	84	260099	152.260	ug/l	94
21) trans-1,2-Dichloroethene	3.081	96	245485	163.596	ug/l	95
22) Diisopropyl ether	3.763	45	835960	171.467	ug/l	96
23) Vinyl Acetate	3.721	43	3797951	961.094	ug/l	97
24) 1,1-Dichloroethane	3.599	63	479590	167.262	ug/l	99
25) 2-Butanone	4.568	43	1012692	887.025	ug/l	97
26) 2,2-Dichloropropane	4.465	77	440061	186.761	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	304342	162.978	ug/l	94
28) Bromochloromethane	4.891	49	207753	172.194	ug/l	91
29) Tetrahydrofuran	5.007	42	617277	836.734	ug/l	98
30) Chloroform	5.092	83	513285	171.734	ug/l	98
31) Cyclohexane	5.458	56	367157	157.989	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	455922	178.438	ug/l	98
36) 1,1-Dichloropropene	5.684	75	331239	166.559	ug/l	98
37) Ethyl Acetate	4.721	43	393670	175.887	ug/l	97
38) Carbon Tetrachloride	5.672	117	376287	178.719	ug/l	98
39) Methylcyclohexane	7.372	83	410333	164.816	ug/l	96
40) Benzene	6.031	78	999210	159.808	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043930.D
 Acq On : 21 Nov 2024 12:03
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 21 12:32:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 12:18:48 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	206026	176.637	ug/l	95
42) 1,2-Dichloroethane	6.080	62	397508	175.089	ug/l	98
43) Isopropyl Acetate	6.342	43	661839	187.445	ug/l	94
44) Trichloroethene	7.123	130	251071	145.657	ug/l	97
45) 1,2-Dichloropropane	7.427	63	249394	162.744	ug/l	100
46) Dibromomethane	7.580	93	202329	175.212	ug/l	95
47) Bromodichloromethane	7.818	83	388259	191.362	ug/l	97
48) Methyl methacrylate	7.690	41	315872	180.493	ug/l	88
49) 1,4-Dioxane	7.665	88	106634	2860.706	ug/l #	76
51) 4-Methyl-2-Pentanone	8.580	43	1954925	887.971	ug/l	96
52) Toluene	8.714	92	607179	168.323	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	406346	197.387	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	428549	183.704	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	245706	174.579	ug/l	99
56) Ethyl methacrylate	9.116	69	420409	188.658	ug/l #	88
57) 1,3-Dichloropropane	9.305	76	416811	176.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1023576	875.887	ug/l	98
59) 2-Hexanone	9.433	43	1493755	961.650	ug/l	94
60) Dibromochloromethane	9.518	129	286188	208.679	ug/l	100
61) 1,2-Dibromoethane	9.610	107	261369	178.035	ug/l	100
64) Tetrachloroethene	9.268	164	202262	155.122	ug/l	98
65) Chlorobenzene	10.079	112	675513	159.085	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	241604	170.964	ug/l	97
67) Ethyl Benzene	10.195	91	1181693	165.365	ug/l	100
68) m/p-Xylenes	10.299	106	884067	332.148	ug/l	97
69) o-Xylene	10.640	106	436919	168.240	ug/l	98
70) Styrene	10.652	104	742061	173.379	ug/l	97
71) Bromoform	10.799	173	186691	161.632	ug/l #	100
73) Isopropylbenzene	10.963	105	1135309	165.031	ug/l	99
74) N-amyl acetate	10.841	43	586560	159.995	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	379947	163.351	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	313344m	159.312	ug/l	
77) Bromobenzene	11.195	156	270671	160.539	ug/l	98
78) n-propylbenzene	11.305	91	1296979	170.866	ug/l	99
79) 2-Chlorotoluene	11.366	91	788163	163.185	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	936129	164.167	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	136104	161.734	ug/l	99
82) 4-Chlorotoluene	11.451	91	919566	165.319	ug/l	100
83) tert-Butylbenzene	11.713	119	945058	162.017	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	933275	161.161	ug/l	100
85) sec-Butylbenzene	11.890	105	1148877	164.934	ug/l	100
86) p-Isopropyltoluene	12.006	119	972007	166.189	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	490336	156.923	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	494318	154.301	ug/l	99
89) n-Butylbenzene	12.329	91	903805	181.353	ug/l	99
90) Hexachloroethane	12.536	117	180575	151.823	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	503214	153.818	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	87963	146.019	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	325289	170.137	ug/l	99
94) Hexachlorobutadiene	13.725	225	121126	154.589	ug/l	97
95) Naphthalene	13.774	128	1173154	164.565	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	326693	164.001	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043930.D
Acq On : 21 Nov 2024 12:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 21 12:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 12:18:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

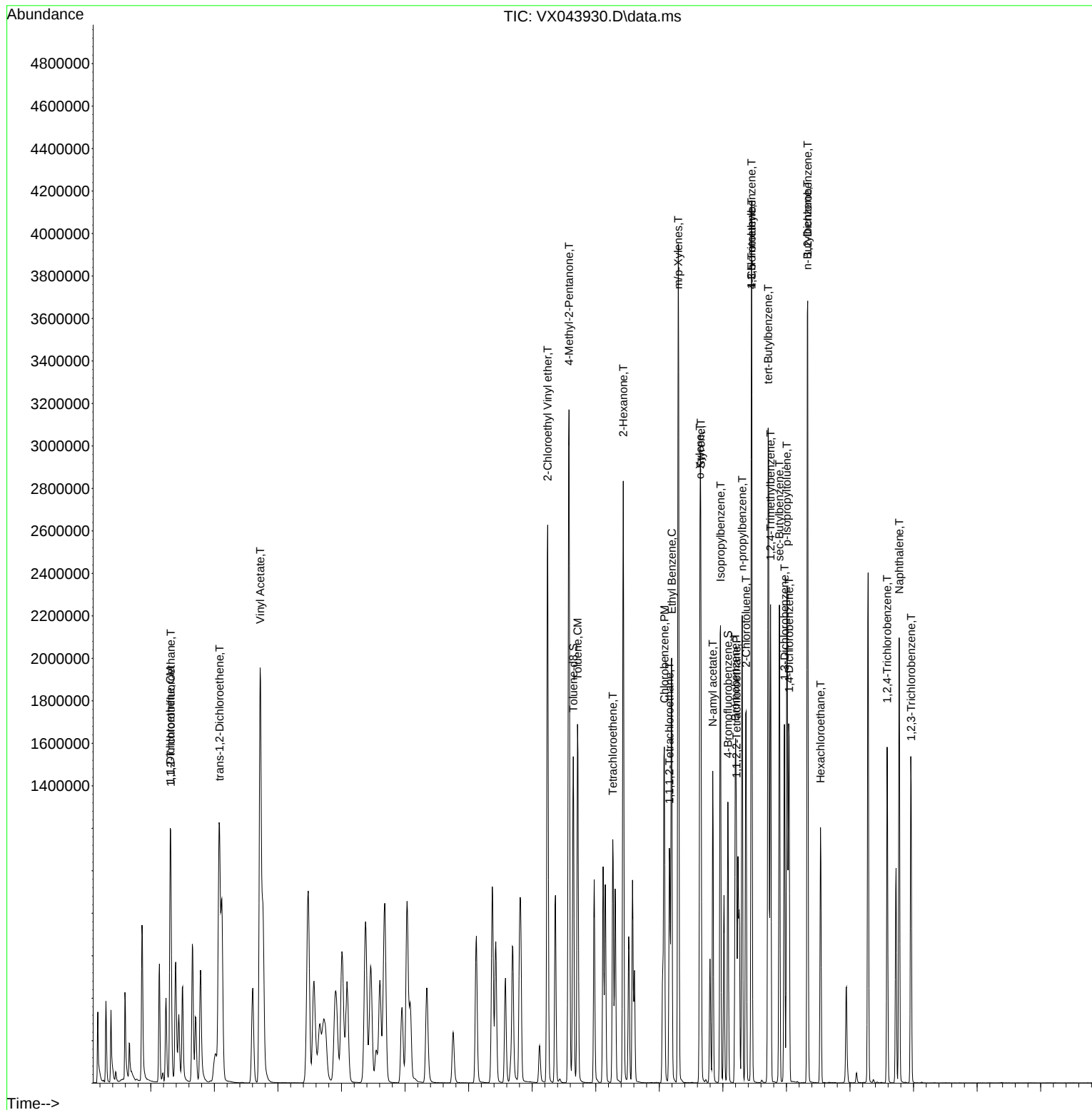
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Data File : VX043930.D
Acq On : 21 Nov 2024 12:03
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Quant Time: Nov 21 12:32:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 21 12:18:48 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/22/2024
 Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	131073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	229009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	198776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96489	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	112818	50.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.360%	
35) Dibromofluoromethane	5.379	113	85815	52.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.880%	
50) Toluene-d8	8.647	98	289000	51.234	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.460%	
62) 4-Bromofluorobenzene	11.079	95	103640	53.987	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.980%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	83916	50.537	ug/l	99
3) Chloromethane	1.295	50	85795	49.100	ug/l	98
4) Vinyl Chloride	1.374	62	93147	50.118	ug/l	97
5) Bromomethane	1.593	94	53783	47.040	ug/l	100
6) Chloroethane	1.660	64	46342	40.921	ug/l	100
7) Trichlorofluoromethane	1.868	101	177461	53.407	ug/l	99
8) Diethyl Ether	2.130	74	57339	47.345	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	80458	50.762	ug/l	98
10) Methyl Iodide	2.441	142	96234	48.614	ug/l	100
11) Tert butyl alcohol	2.995	59	85927	238.127	ug/l	99
12) 1,1-Dichloroethene	2.307	96	72787	48.192	ug/l	99
13) Acrolein	2.233	56	89571	235.500	ug/l	98
14) Allyl chloride	2.654	41	127367	51.610	ug/l	99
15) Acrylonitrile	3.063	53	227832	259.090	ug/l	99
16) Acetone	2.386	43	257802	249.676	ug/l	99
17) Carbon Disulfide	2.496	76	153826	49.375	ug/l	100
18) Methyl Acetate	2.703	43	121774	50.643	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	275221	50.186	ug/l	98
20) Methylene Chloride	2.782	84	82274	46.954	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	76687	49.179	ug/l	97
22) Diisopropyl ether	3.758	45	264554	50.132	ug/l	96
23) Vinyl Acetate	3.715	43	1189244	263.441	ug/l	100
24) 1,1-Dichloroethane	3.599	63	153635	50.466	ug/l	98
25) 2-Butanone	4.556	43	348803	261.804	ug/l	98
26) 2,2-Dichloropropane	4.459	77	143910	52.343	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	95076	49.326	ug/l	99
28) Bromochloromethane	4.891	49	62874	46.920	ug/l	96
29) Tetrahydrofuran	5.001	42	207942	254.585	ug/l	100
30) Chloroform	5.080	83	163357	49.891	ug/l	98
31) Cyclohexane	5.458	56	128482	51.278	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	144908	51.320	ug/l	99
36) 1,1-Dichloropropene	5.678	75	108518	53.218	ug/l	97
37) Ethyl Acetate	4.709	43	133283	52.656	ug/l	97
38) Carbon Tetrachloride	5.660	117	118655	51.786	ug/l	99
39) Methylcyclohexane	7.373	83	141696	53.489	ug/l	93
40) Benzene	6.025	78	319222	50.257	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112124

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/22/2024

Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M

Quant Title : SW846 8260

QLast Update : Fri Nov 22 03:45:52 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	69766	53.851	ug/l	99
42) 1,2-Dichloroethane	6.074	62	128623	50.421	ug/l	100
43) Isopropyl Acetate	6.336	43	207332	51.469	ug/l	99
44) Trichloroethene	7.117	130	80113	44.554	ug/l	90
45) 1,2-Dichloropropane	7.422	63	74380	47.811	ug/l	98
46) Dibromomethane	7.574	93	62345	50.662	ug/l	99
47) Bromodichloromethane	7.818	83	116199	52.648	ug/l	99
48) Methyl methacrylate	7.690	41	101062	52.284	ug/l	99
49) 1,4-Dioxane	7.659	88	31178	905.506	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	652721	265.520	ug/l	100
52) Toluene	8.714	92	195814	51.507	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	119461	53.077	ug/l	96
54) cis-1,3-Dichloropropene	8.360	75	128808	52.205	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	78575	50.069	ug/l	97
56) Ethyl methacrylate	9.116	69	129841	53.118	ug/l	100
57) 1,3-Dichloropropane	9.305	76	134680	50.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	315358	235.230	ug/l	99
59) 2-Hexanone	9.427	43	504444	273.011	ug/l	100
60) Dibromochloromethane	9.519	129	82754	52.557	ug/l	99
61) 1,2-Dibromoethane	9.604	107	83098	52.367	ug/l	100
64) Tetrachloroethene	9.269	164	66054	50.396	ug/l	97
65) Chlorobenzene	10.073	112	209963	48.094	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	74354	52.515	ug/l	98
67) Ethyl Benzene	10.189	91	377215	50.991	ug/l	97
68) m/p-Xylenes	10.299	106	282971	102.572	ug/l	99
69) o-Xylene	10.640	106	138437	51.396	ug/l	98
70) Styrene	10.653	104	230449	51.728	ug/l	99
71) Bromoform	10.799	173	50837	47.449	ug/l #	98
73) Isopropylbenzene	10.957	105	365084	49.222	ug/l	99
74) N-amyl acetate	10.842	43	176627	51.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	125346	49.356	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105742m	49.973	ug/l	
77) Bromobenzene	11.195	156	85070	48.081	ug/l	99
78) n-propylbenzene	11.305	91	419586	50.652	ug/l	99
79) 2-Chlorotoluene	11.360	91	249079	47.551	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	305922	50.134	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	38583	49.756	ug/l	98
82) 4-Chlorotoluene	11.451	91	287717	48.652	ug/l	100
83) tert-Butylbenzene	11.713	119	303408	50.165	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	306251	50.410	ug/l	100
85) sec-Butylbenzene	11.890	105	372793	50.307	ug/l	99
86) p-Isopropyltoluene	12.006	119	310060	51.511	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	153164	47.529	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	155422	47.306	ug/l	97
89) n-Butylbenzene	12.329	91	276075	52.020	ug/l	99
90) Hexachloroethane	12.536	117	51229	50.050	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	154980	47.656	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25968	51.030	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	94896	49.495	ug/l	99
94) Hexachlorobutadiene	13.725	225	37937	50.065	ug/l	97
95) Naphthalene	13.774	128	357725	51.831	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	99447	51.246	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

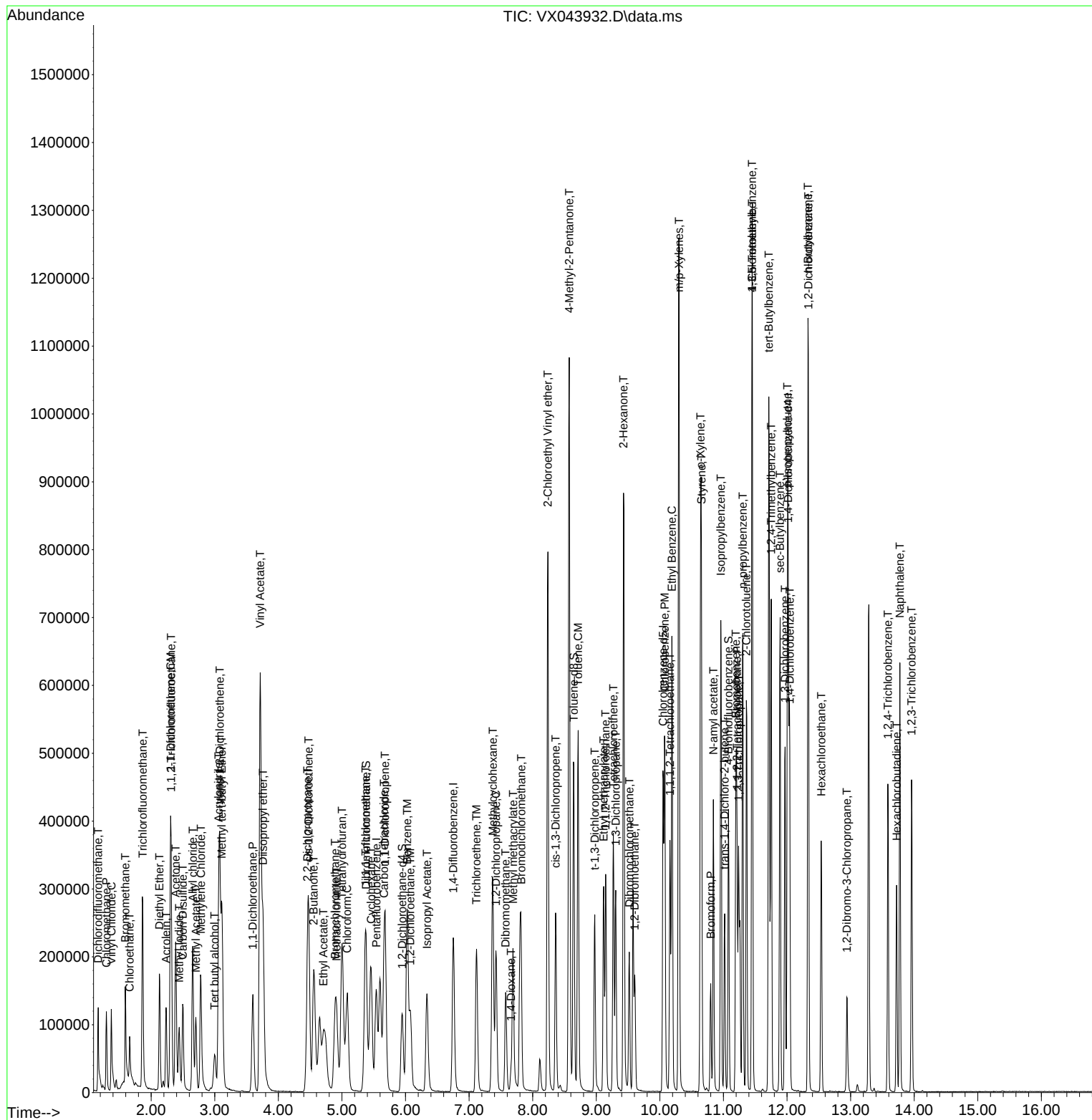
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On    : 21 Nov 2024 13:57
Operator  : JC/MD
Sample    : VSTDICV050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 20 Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Manual Integrations APPROVED

Reviewed By :John Carlone 11/22/2024
Supervised By :Mahesh Dadoda 11/22/2024

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX112124

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	95	0.00
2 T	Dichlorodifluoromethane	0.633	0.640	-1.1	89	0.00
3 P	Chloromethane	0.667	0.655	1.8	89	0.00
4 C	Vinyl Chloride	0.709	0.711	-0.3#	88	0.00
5 T	Bromomethane	0.436	0.410	6.0	87	0.00
6 T	Chloroethane	0.432	0.354	18.1	73	0.00
7 T	Trichlorofluoromethane	1.268	1.354	-6.8	94	0.00
8 T	Diethyl Ether	0.462	0.437	5.4	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.605	0.614	-1.5	88	0.00
10 T	Methyl Iodide	0.755	0.734	2.8	86	0.00
11 T	Tert butyl alcohol	0.138	0.131	5.1	86	0.00
12 CM	1,1-Dichloroethene	0.576	0.555	3.6#	88	0.00
13 T	Acrolein	0.145	0.137	5.5	89	0.00
14 T	Allyl chloride	0.941	0.972	-3.3	88	0.00
15 T	Acrylonitrile	0.335	0.348	-3.9	89	0.00
16 T	Acetone	0.394	0.393	0.3	88	0.00
17 T	Carbon Disulfide	1.188	1.174	1.2	86	0.00
18 T	Methyl Acetate	0.917	0.929	-1.3	89	0.00
19 T	Methyl tert-butyl Ether	2.092	2.100	-0.4	88	0.00
20 T	Methylene Chloride	0.668	0.628	6.0	89	0.00
21 T	trans-1,2-Dichloroethene	0.595	0.585	1.7	87	0.00
22 T	Diisopropyl ether	2.013	2.018	-0.2	88	0.00
23 T	Vinyl Acetate	1.722	1.815	-5.4	88	0.00
24 P	1,1-Dichloroethane	1.161	1.172	-0.9	88	0.00
25 T	2-Butanone	0.508	0.532	-4.7	89	0.00
26 T	2,2-Dichloropropane	1.049	1.098	-4.7	91	0.00
27 T	cis-1,2-Dichloroethene	0.735	0.725	1.4	87	0.00
28 T	Bromochloromethane	0.511	0.480	6.1	101	0.00
29 T	Tetrahydrofuran	0.312	0.317	-1.6	89	0.00
30 C	Chloroform	1.249	1.246	0.2#	90	0.00
31 T	Cyclohexane	0.956	0.980	-2.5	89	0.00
32 T	1,1,1-Trichloroethane	1.077	1.106	-2.7	88	0.00
33 S	1,2-Dichloroethane-d4	0.858	0.861	-0.3	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.357	0.375	-5.0	109	0.00
36 T	1,1-Dichloropropene	0.445	0.474	-6.5	91	0.00
37 T	Ethyl Acetate	0.553	0.582	-5.2	90	0.00
38 T	Carbon Tetrachloride	0.500	0.518	-3.6	88	0.00
39 T	Methylcyclohexane	0.578	0.619	-7.1	89	0.00
40 TM	Benzene	1.387	1.394	-0.5	88	0.00
41 T	Methacrylonitrile	0.283	0.305	-7.8	88	0.00
42 TM	1,2-Dichloroethane	0.557	0.562	-0.9	88	0.00
43 T	Isopropyl Acetate	0.880	0.905	-2.8	88	0.00
44 TM	Trichloroethene	0.393	0.350	10.9	89	0.00
45 C	1,2-Dichloropropane	0.340	0.325	4.4#	83	0.00
46 T	Dibromomethane	0.269	0.272	-1.1	88	0.00
47 T	Bromodichloromethane	0.482	0.507	-5.2	88	0.00
48 T	Methyl methacrylate	0.422	0.441	-4.5	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	79	0.00
50 S	Toluene-d8	1.232	1.262	-2.4	108	0.00
51 T	4-Methyl-2-Pentanone	0.537	0.570	-6.1	89	0.00
52 CM	Toluene	0.830	0.855	-3.0#	88	0.00
53 T	t-1,3-Dichloropropene	0.491	0.522	-6.3	87	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.562	-4.3	87	0.00
55 T	1,1,2-Trichloroethane	0.343	0.343	0.0	88	0.00
56 T	Ethyl methacrylate	0.534	0.567	-6.2	88	0.00
57 T	1,3-Dichloropropane	0.577	0.588	-1.9	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.273	0.275	-0.7	85	0.00
59 T	2-Hexanone	0.403	0.441	-9.4	89	0.00
60 T	Dibromochloromethane	0.344	0.361	-4.9	87	0.00
61 T	1,2-Dibromoethane	0.346	0.363	-4.9	89	0.00
62 S	4-Bromofluorobenzene	0.419	0.453	-8.1	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.330	0.332	-0.6	89	0.00
65 PM	Chlorobenzene	1.098	1.056	3.8	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.374	-5.1	89	0.00
67 C	Ethyl Benzene	1.861	1.898	-2.0#	88	0.00
68 T	m/p-Xylenes	0.694	0.712	-2.6	87	0.00
69 T	o-Xylene	0.678	0.696	-2.7	86	0.00
70 T	Styrene	1.121	1.159	-3.4	86	0.00
71 P	Bromoform	0.240	0.256	-6.7	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	3.843	3.784	1.5	89	0.00
74 T	N-amyl acetate	1.780	1.831	-2.9	88	0.00
75 P	1,1,2,2-Tetrachloroethane	1.316	1.299	1.3	90	0.00
76 T	1,2,3-Trichloropropane	1.096	1.096	0.0	89	0.00
77 T	Bromobenzene	0.917	0.882	3.8	87	0.00
78 T	n-propylbenzene	4.293	4.349	-1.3	88	0.00
79 T	2-Chlorotoluene	2.714	2.581	4.9	87	0.00
80 T	1,3,5-Trimethylbenzene	3.162	3.171	-0.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.402	0.400	0.5	87	0.00
82 T	4-Chlorotoluene	3.064	2.982	2.7	86	0.00
83 T	tert-Butylbenzene	3.134	3.144	-0.3	88	0.00
84 T	1,2,4-Trimethylbenzene	3.148	3.174	-0.8	89	0.00
85 T	sec-Butylbenzene	3.840	3.864	-0.6	87	0.00
86 T	p-Isopropyltoluene	3.119	3.213	-3.0	88	0.00
87 T	1,3-Dichlorobenzene	1.670	1.587	5.0	87	0.00
88 T	1,4-Dichlorobenzene	1.702	1.611	5.3	87	0.00
89 T	n-Butylbenzene	2.750	2.861	-4.0	86	0.00
90 T	Hexachloroethane	0.530	0.531	-0.2	87	0.00
91 T	1,2-Dichlorobenzene	1.685	1.606	4.7	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.264	0.269	-1.9	91	0.00
93 T	1,2,4-Trichlorobenzene	0.994	0.983	1.1	87	0.00
94 T	Hexachlorobutadiene	0.393	0.393	0.0	92	0.00
95 T	Naphthalene	3.576	3.707	-3.7	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.031	-2.5	89	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	95	0.00
2 T	Dichlorodifluoromethane	50.000	50.537	-1.1	89	0.00
3 P	Chloromethane	50.000	49.100	1.8	89	0.00
4 C	Vinyl Chloride	50.000	50.118	-0.2#	88	0.00
5 T	Bromomethane	50.000	47.040	5.9	87	0.00
6 T	Chloroethane	50.000	40.921	18.2	73	0.00
7 T	Trichlorofluoromethane	50.000	53.407	-6.8	94	0.00
8 T	Diethyl Ether	50.000	47.345	5.3	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	50.762	-1.5	88	0.00
10 T	Methyl Iodide	50.000	48.614	2.8	86	0.00
11 T	Tert butyl alcohol	250.000	238.127	4.7	86	0.00
12 CM	1,1-Dichloroethene	50.000	48.192	3.6#	88	0.00
13 T	Acrolein	250.000	235.500	5.8	89	0.00
14 T	Allyl chloride	50.000	51.610	-3.2	88	0.00
15 T	Acrylonitrile	250.000	259.090	-3.6	89	0.00
16 T	Acetone	250.000	249.676	0.1	88	0.00
17 T	Carbon Disulfide	50.000	49.375	1.3	86	0.00
18 T	Methyl Acetate	50.000	50.643	-1.3	89	0.00
19 T	Methyl tert-butyl Ether	50.000	50.186	-0.4	88	0.00
20 T	Methylene Chloride	50.000	46.954	6.1	89	0.00
21 T	trans-1,2-Dichloroethene	50.000	49.179	1.6	87	0.00
22 T	Diisopropyl ether	50.000	50.132	-0.3	88	0.00
23 T	Vinyl Acetate	250.000	263.441	-5.4	88	0.00
24 P	1,1-Dichloroethane	50.000	50.466	-0.9	88	0.00
25 T	2-Butanone	250.000	261.804	-4.7	89	0.00
26 T	2,2-Dichloropropane	50.000	52.343	-4.7	91	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.326	1.3	87	0.00
28 T	Bromochloromethane	50.000	46.920	6.2	101	0.00
29 T	Tetrahydrofuran	250.000	254.585	-1.8	89	0.00
30 C	Chloroform	50.000	49.891	0.2#	90	0.00
31 T	Cyclohexane	50.000	51.278	-2.6	89	0.00
32 T	1,1,1-Trichloroethane	50.000	51.320	-2.6	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	50.183	-0.4	108	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	95	0.00
35 S	Dibromofluoromethane	50.000	52.442	-4.9	109	0.00
36 T	1,1-Dichloropropene	50.000	53.218	-6.4	91	0.00
37 T	Ethyl Acetate	50.000	52.656	-5.3	90	0.00
38 T	Carbon Tetrachloride	50.000	51.786	-3.6	88	0.00
39 T	Methylcyclohexane	50.000	53.489	-7.0	89	0.00
40 TM	Benzene	50.000	50.257	-0.5	88	0.00
41 T	Methacrylonitrile	50.000	53.851	-7.7	88	0.00
42 TM	1,2-Dichloroethane	50.000	50.421	-0.8	88	0.00
43 T	Isopropyl Acetate	50.000	51.469	-2.9	88	0.00
44 TM	Trichloroethene	50.000	44.554	10.9	89	0.00
45 C	1,2-Dichloropropane	50.000	47.811	4.4#	83	0.00
46 T	Dibromomethane	50.000	50.662	-1.3	88	0.00
47 T	Bromodichloromethane	50.000	52.648	-5.3	88	0.00
48 T	Methyl methacrylate	50.000	52.284	-4.6	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043932.D
 Acq On : 21 Nov 2024 13:57
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112124

Quant Time: Nov 22 03:54:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	905.506	9.4	79	0.00
50 S	Toluene-d8	50.000	51.234	-2.5	108	0.00
51 T	4-Methyl-2-Pentanone	250.000	265.520	-6.2	89	0.00
52 CM	Toluene	50.000	51.507	-3.0#	88	0.00
53 T	t-1,3-Dichloropropene	50.000	53.077	-6.2	87	0.00
54 T	cis-1,3-Dichloropropene	50.000	52.205	-4.4	87	0.00
55 T	1,1,2-Trichloroethane	50.000	50.069	-0.1	88	0.00
56 T	Ethyl methacrylate	50.000	53.118	-6.2	88	0.00
57 T	1,3-Dichloropropane	50.000	50.945	-1.9	89	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	235.230	5.9	85	0.00
59 T	2-Hexanone	250.000	273.011	-9.2	89	0.00
60 T	Dibromochloromethane	50.000	52.557	-5.1	87	0.00
61 T	1,2-Dibromoethane	50.000	52.367	-4.7	89	0.00
62 S	4-Bromofluorobenzene	50.000	53.987	-8.0	111	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	94	0.00
64 T	Tetrachloroethene	50.000	50.396	-0.8	89	0.00
65 PM	Chlorobenzene	50.000	48.094	3.8	86	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	52.515	-5.0	89	0.00
67 C	Ethyl Benzene	50.000	50.991	-2.0#	88	0.00
68 T	m/p-Xylenes	100.000	102.572	-2.6	87	0.00
69 T	o-Xylene	50.000	51.396	-2.8	86	0.00
70 T	Styrene	50.000	51.728	-3.5	86	0.00
71 P	Bromoform	50.000	47.449	5.1	84	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	96	0.00
73 T	Isopropylbenzene	50.000	49.222	1.6	89	0.00
74 T	N-amyl acetate	50.000	51.406	-2.8	88	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	49.356	1.3	90	0.00
76 T	1,2,3-Trichloropropane	50.000	49.973	0.1	89	0.00
77 T	Bromobenzene	50.000	48.081	3.8	87	0.00
78 T	n-propylbenzene	50.000	50.652	-1.3	88	0.00
79 T	2-Chlorotoluene	50.000	47.551	4.9	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	50.134	-0.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	49.756	0.5	87	0.00
82 T	4-Chlorotoluene	50.000	48.652	2.7	86	0.00
83 T	tert-Butylbenzene	50.000	50.165	-0.3	88	0.00
84 T	1,2,4-Trimethylbenzene	50.000	50.410	-0.8	89	0.00
85 T	sec-Butylbenzene	50.000	50.307	-0.6	87	0.00
86 T	p-Isopropyltoluene	50.000	51.511	-3.0	88	0.00
87 T	1,3-Dichlorobenzene	50.000	47.529	4.9	87	0.00
88 T	1,4-Dichlorobenzene	50.000	47.306	5.4	87	0.00
89 T	n-Butylbenzene	50.000	52.020	-4.0	86	0.00
90 T	Hexachloroethane	50.000	50.050	-0.1	87	0.00
91 T	1,2-Dichlorobenzene	50.000	47.656	4.7	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.030	-2.1	91	0.00
93 T	1,2,4-Trichlorobenzene	50.000	49.495	1.0	87	0.00
94 T	Hexachlorobutadiene	50.000	50.065	-0.1	92	0.00
95 T	Naphthalene	50.000	51.831	-3.7	89	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043932.D
Acq On : 21 Nov 2024 13:57
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112124

Quant Time: Nov 22 03:54:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	51.246	-2.5	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006

Instrument ID: MSVOA_X Calibration Date/Time: 12/02/2024 09:45

Lab File ID: VX044052.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.618		-2.37	20
Chloromethane	0.667	0.595	0.1	-10.8	20
Vinyl Chloride	0.709	0.647		-8.74	20
Bromomethane	0.436	0.438		0.46	20
Chloroethane	0.432	0.399		-7.64	20
Trichlorofluoromethane	1.268	1.256		-0.95	20
1,1,2-Trichlorotrifluoroethane	0.605	0.636		5.12	20
1,1-Dichloroethene	0.576	0.572		-0.69	20
Acetone	0.394	0.386		-2.03	20
Carbon Disulfide	1.188	1.204		1.35	20
Methyl tert-butyl Ether	2.092	2.203		5.31	20
Methyl Acetate	0.917	0.909		-0.87	20
Methylene Chloride	0.668	0.636		-4.79	20
trans-1,2-Dichloroethene	0.595	0.580		-2.52	20
1,1-Dichloroethane	1.161	1.200	0.1	3.36	20
Cyclohexane	0.956	0.931		-2.62	20
2-Butanone	0.508	0.487		-4.13	20
Carbon Tetrachloride	0.500	0.560		12	20
cis-1,2-Dichloroethene	0.735	0.730		-0.68	20
Bromochloromethane	0.511	0.498		-2.54	20
Chloroform	1.249	1.281		2.56	20
1,1,1-Trichloroethane	1.077	1.162		7.89	20
Methylcyclohexane	0.578	0.602		4.15	20
Benzene	1.387	1.412		1.8	20
1,2-Dichloroethane	0.557	0.580		4.13	20
Trichloroethene	0.393	0.353		-10.18	20
1,2-Dichloropropane	0.340	0.356		4.71	20
Bromodichloromethane	0.482	0.561		16.39	20
4-Methyl-2-Pentanone	0.537	0.535		-0.37	20
Toluene	0.830	0.852		2.65	20
t-1,3-Dichloropropene	0.491	0.551		12.22	20
cis-1,3-Dichloropropene	0.539	0.588		9.09	20
1,1,2-Trichloroethane	0.343	0.351		2.33	20
2-Hexanone	0.403	0.411		1.99	20
Dibromochloromethane	0.344	0.402		16.86	20
1,2-Dibromoethane	0.346	0.360		4.05	20
Tetrachloroethene	0.330	0.340		3.03	20
Chlorobenzene	1.098	1.117	0.3	1.73	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006

Instrument ID: MSVOA_X Calibration Date/Time: 12/02/2024 09:45

Lab File ID: VX044052.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.861	1.956		5.11	20
m/p-Xylenes	0.694	0.726		4.61	20
o-Xylene	0.678	0.704		3.84	20
Styrene	1.121	1.209		7.85	20
Bromoform	0.240	0.296	0.1	23.33	20
Isopropylbenzene	3.843	3.944		2.63	20
1,1,2,2-Tetrachloroethane	1.316	1.283	0.3	-2.51	20
1,3-Dichlorobenzene	1.670	1.718		2.87	20
1,4-Dichlorobenzene	1.702	1.702		0	20
1,2-Dichlorobenzene	1.685	1.704		1.13	20
1,2-Dibromo-3-Chloropropane	0.264	0.272		3.03	20
1,2,4-Trichlorobenzene	0.994	1.041		4.73	20
1,2,3-Trichlorobenzene	1.006	1.050		4.37	20
1,2-Dichloroethane-d4	0.858	0.890		3.73	20
Dibromofluoromethane	0.357	0.379		6.16	20
Toluene-d8	1.232	1.268		2.92	20
4-Bromofluorobenzene	0.419	0.442		5.49	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	140021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	242098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	204952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98861	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	124611	51.887	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.780%
35) Dibromofluoromethane	5.373	113	91744	53.034	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.060%
50) Toluene-d8	8.640	98	306897	51.465	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.940%
62) 4-Bromofluorobenzene	11.079	95	106993	52.721	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.440%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	86493	48.760	ug/l	96
3) Chloromethane	1.294	50	83366	44.661	ug/l	97
4) Vinyl Chloride	1.373	62	90554	45.609	ug/l	99
5) Bromomethane	1.599	94	61375	50.250	ug/l	97
6) Chloroethane	1.666	64	55849	46.164	ug/l	99
7) Trichlorofluoromethane	1.867	101	175841	49.537	ug/l	100
8) Diethyl Ether	2.129	74	61929	47.867	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	89039	52.586	ug/l	99
10) Methyl Iodide	2.440	142	107895	51.022	ug/l	97
11) Tert butyl alcohol	3.007	59	82554	214.160	ug/l	97
12) 1,1-Dichloroethene	2.306	96	80026	49.599	ug/l	96
13) Acrolein	2.233	56	110346	271.581	ug/l	98
14) Allyl chloride	2.654	41	138703	52.611	ug/l	98
15) Acrylonitrile	3.062	53	227682	242.374	ug/l	99
16) Acetone	2.379	43	270514	245.245	ug/l	99
17) Carbon Disulfide	2.501	76	168533	50.639	ug/l	98
18) Methyl Acetate	2.696	43	127328	49.569	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	308452	52.651	ug/l	99
20) Methylene Chloride	2.782	84	89121	47.611	ug/l	97
21) trans-1,2-Dichloroethene	3.080	96	81277	48.792	ug/l	96
22) Diisopropyl ether	3.757	45	300056	53.226	ug/l	96
23) Vinyl Acetate	3.714	43	1270483	263.452	ug/l	99
24) 1,1-Dichloroethane	3.599	63	168066	51.678	ug/l	99
25) 2-Butanone	4.550	43	340993	239.586	ug/l	100
26) 2,2-Dichloropropane	4.458	77	159292	54.235	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	102274	49.670	ug/l	96
28) Bromochloromethane	4.885	49	69670	48.669	ug/l	97
29) Tetrahydrofuran	4.995	42	199491	228.630	ug/l	99
30) Chloroform	5.080	83	179380	51.284	ug/l	97
31) Cyclohexane	5.458	56	130363	48.704	ug/l	98
32) 1,1,1-Trichloroethane	5.367	97	162737	53.951	ug/l	99
36) 1,1-Dichloropropene	5.677	75	113428	52.618	ug/l	98
37) Ethyl Acetate	4.702	43	127248	47.553	ug/l	99
38) Carbon Tetrachloride	5.665	117	135548	55.961	ug/l	98
39) Methylcyclohexane	7.366	83	145683	52.020	ug/l	100
40) Benzene	6.025	78	341850	50.910	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.909	41	72182	52.704	ug/l	98
42) 1,2-Dichloroethane	6.074	62	140487	52.094	ug/l	99
43) Isopropyl Acetate	6.330	43	219674	51.584	ug/l	99
44) Trichloroethene	7.110	130	85401	44.927	ug/l	93
45) 1,2-Dichloropropane	7.421	63	86127	52.369	ug/l	98
46) Dibromomethane	7.573	93	68292	52.494	ug/l	99
47) Bromodichloromethane	7.817	83	135862	58.229	ug/l	100
48) Methyl methacrylate	7.689	41	102048	49.940	ug/l	99
49) 1,4-Dioxane	7.665	88	33859	930.205	ug/l #	88
51) 4-Methyl-2-Pentanone	8.573	43	647758	249.255	ug/l	99
52) Toluene	8.713	92	206208	51.308	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	133476	56.098	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	142364	54.580	ug/l	98
55) 1,1,2-Trichloroethane	9.146	97	84935	51.196	ug/l	98
56) Ethyl methacrylate	9.116	69	134166	51.920	ug/l	98
57) 1,3-Dichloropropane	9.305	76	144385	51.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	278297	196.017	ug/l	99
59) 2-Hexanone	9.427	43	498051	254.978	ug/l	99
60) Dibromochloromethane	9.518	129	97377	58.500	ug/l	98
61) 1,2-Dibromoethane	9.604	107	87062	51.899	ug/l	100
64) Tetrachloroethene	9.268	164	69696	51.572	ug/l	96
65) Chlorobenzene	10.073	112	228907	50.853	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	83832	57.425	ug/l	99
67) Ethyl Benzene	10.189	91	400918	52.562	ug/l	99
68) m/p-Xylenes	10.299	106	297563	104.612	ug/l	100
69) o-Xylene	10.640	106	144197	51.921	ug/l	96
70) Styrene	10.652	104	247778	53.942	ug/l	98
71) Bromoform	10.799	173	60728	54.373	ug/l #	99
73) Isopropylbenzene	10.957	105	389946	51.313	ug/l	99
74) N-ethyl acetate	10.841	43	179547	51.002	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	126860	48.753	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	108048m	49.837	ug/l	
77) Bromobenzene	11.195	156	91526	50.488	ug/l	98
78) n-propylbenzene	11.298	91	438915	51.714	ug/l	99
79) 2-Chlorotoluene	11.359	91	266250	49.609	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	325391	52.045	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	40241	50.649	ug/l	97
82) 4-Chlorotoluene	11.451	91	312748	51.616	ug/l	100
83) tert-Butylbenzene	11.713	119	327397	52.833	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	326413	52.440	ug/l	99
85) sec-Butylbenzene	11.890	105	399542	52.623	ug/l	100
86) p-Isopropyltoluene	12.006	119	333695	54.107	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	169834	51.438	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	168265	49.987	ug/l	97
89) n-Butylbenzene	12.329	91	301456	55.440	ug/l	99
90) Hexachloroethane	12.536	117	59433	56.673	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	168498	50.569	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.938	75	26916	51.624	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	102903	52.383	ug/l	97
94) Hexachlorobutadiene	13.725	225	42001	54.099	ug/l	96
95) Naphthalene	13.774	128	371814	52.580	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	103759	52.185	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044052.D
Acq On : 02 Dec 2024 09:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

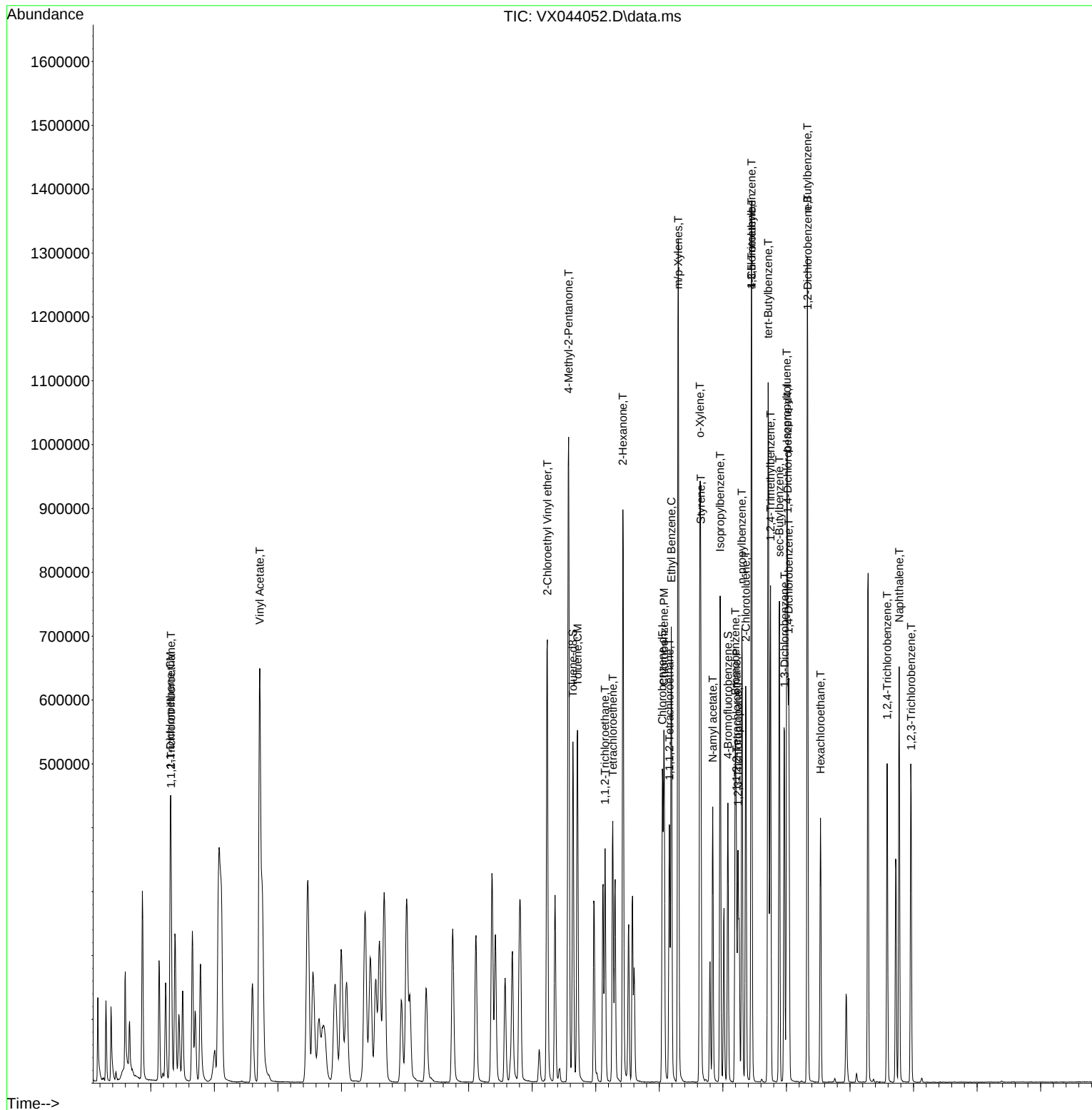
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044052.D
Acq On : 02 Dec 2024 09:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/03/2024
Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	0.633	0.618	2.4	91	0.00
3 P	Chloromethane	0.667	0.595	10.8	86	0.00
4 C	Vinyl Chloride	0.709	0.647	8.7#	86	0.00
5 T	Bromomethane	0.436	0.438	-0.5	99	0.00
6 T	Chloroethane	0.432	0.399	7.6	88	0.00
7 T	Trichlorofluoromethane	1.268	1.256	0.9	94	0.00
8 T	Diethyl Ether	0.462	0.442	4.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.605	0.636	-5.1	98	0.00
10 T	Methyl Iodide	0.755	0.771	-2.1	96	0.00
11 T	Tert butyl alcohol	0.138	0.118	14.5	82	0.01
12 CM	1,1-Dichloroethene	0.576	0.572	0.7#	96	0.00
13 T	Acrolein	0.145	0.158	-9.0	110	0.00
14 T	Allyl chloride	0.941	0.991	-5.3	96	0.00
15 T	Acrylonitrile	0.335	0.325	3.0	89	0.00
16 T	Acetone	0.394	0.386	2.0	92	0.00
17 T	Carbon Disulfide	1.188	1.204	-1.3	95	0.00
18 T	Methyl Acetate	0.917	0.909	0.9	93	0.00
19 T	Methyl tert-butyl Ether	2.092	2.203	-5.3	98	0.00
20 T	Methylene Chloride	0.668	0.636	4.8	96	0.00
21 T	trans-1,2-Dichloroethene	0.595	0.580	2.5	93	0.00
22 T	Diisopropyl ether	2.013	2.143	-6.5	100	0.00
23 T	Vinyl Acetate	1.722	1.815	-5.4	94	0.00
24 P	1,1-Dichloroethane	1.161	1.200	-3.4	97	0.00
25 T	2-Butanone	0.508	0.487	4.1	87	0.00
26 T	2,2-Dichloropropane	1.049	1.138	-8.5	101	0.00
27 T	cis-1,2-Dichloroethene	0.735	0.730	0.7	93	0.00
28 T	Bromochloromethane	0.511	0.498	2.5	112	0.00
29 T	Tetrahydrofuran	0.312	0.285	8.7	85	0.00
30 C	Chloroform	1.249	1.281	-2.6#	98	0.00
31 T	Cyclohexane	0.956	0.931	2.6	90	0.00
32 T	1,1,1-Trichloroethane	1.077	1.162	-7.9	99	0.00
33 S	1,2-Dichloroethane-d4	0.858	0.890	-3.7	120	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.357	0.379	-6.2	116	0.00
36 T	1,1-Dichloropropene	0.445	0.469	-5.4	95	0.00
37 T	Ethyl Acetate	0.553	0.526	4.9	86	0.00
38 T	Carbon Tetrachloride	0.500	0.560	-12.0	101	0.00
39 T	Methylcyclohexane	0.578	0.602	-4.2	92	0.00
40 TM	Benzene	1.387	1.412	-1.8	95	0.00
41 T	Methacrylonitrile	0.283	0.298	-5.3	91	0.00
42 TM	1,2-Dichloroethane	0.557	0.580	-4.1	96	0.00
43 T	Isopropyl Acetate	0.880	0.907	-3.1	93	0.00
44 TM	Trichloroethene	0.393	0.353	10.2	95	0.00
45 C	1,2-Dichloropropane	0.340	0.356	-4.7#	96	0.00
46 T	Dibromomethane	0.269	0.282	-4.8	97	0.00
47 T	Bromodichloromethane	0.482	0.561	-16.4	103	0.00
48 T	Methyl methacrylate	0.422	0.422	0.0	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	86	0.00
50 S	Toluene-d8	1.232	1.268	-2.9	115	0.00
51 T	4-Methyl-2-Pentanone	0.537	0.535	0.4	88	0.00
52 CM	Toluene	0.830	0.852	-2.7#	93	0.00
53 T	t-1,3-Dichloropropene	0.491	0.551	-12.2	97	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.588	-9.1	96	0.00
55 T	1,1,2-Trichloroethane	0.343	0.351	-2.3	95	0.00
56 T	Ethyl methacrylate	0.534	0.554	-3.7	90	0.00
57 T	1,3-Dichloropropane	0.577	0.596	-3.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.273	0.230	15.8	75	0.00
59 T	2-Hexanone	0.403	0.411	-2.0	88	0.00
60 T	Dibromochloromethane	0.344	0.402	-16.9	102	0.00
61 T	1,2-Dibromoethane	0.346	0.360	-4.0	94	0.00
62 S	4-Bromofluorobenzene	0.419	0.442	-5.5	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
64 T	Tetrachloroethene	0.330	0.340	-3.0	94	0.00
65 PM	Chlorobenzene	1.098	1.117	-1.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.409	-14.9	100	0.00
67 C	Ethyl Benzene	1.861	1.956	-5.1#	93	0.00
68 T	m/p-Xylenes	0.694	0.726	-4.6	92	0.00
69 T	o-Xylene	0.678	0.704	-3.8	90	0.00
70 T	Styrene	1.121	1.209	-7.9	92	0.00
71 P	Bromoform	0.240	0.296	-23.3	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.843	3.944	-2.6	95	0.00
74 T	N-amyl acetate	1.780	1.816	-2.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	1.316	1.283	2.5	91	0.00
76 T	1,2,3-Trichloropropane	1.096	1.093	0.3	91	0.00
77 T	Bromobenzene	0.917	0.926	-1.0	94	0.00
78 T	n-propylbenzene	4.293	4.440	-3.4	92	0.00
79 T	2-Chlorotoluene	2.714	2.693	0.8	93	0.00
80 T	1,3,5-Trimethylbenzene	3.162	3.291	-4.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.402	0.407	-1.2	91	0.00
82 T	4-Chlorotoluene	3.064	3.164	-3.3	94	0.00
83 T	tert-Butylbenzene	3.134	3.312	-5.7	95	0.00
84 T	1,2,4-Trimethylbenzene	3.148	3.302	-4.9	95	0.00
85 T	sec-Butylbenzene	3.840	4.041	-5.2	94	0.00
86 T	p-Isopropyltoluene	3.119	3.375	-8.2	94	0.00
87 T	1,3-Dichlorobenzene	1.670	1.718	-2.9	96	0.00
88 T	1,4-Dichlorobenzene	1.702	1.702	0.0	94	0.00
89 T	n-Butylbenzene	2.750	3.049	-10.9	94	0.00
90 T	Hexachloroethane	0.530	0.601	-13.4	101	0.00
91 T	1,2-Dichlorobenzene	1.685	1.704	-1.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.264	0.272	-3.0	95	0.00
93 T	1,2,4-Trichlorobenzene	0.994	1.041	-4.7	95	0.00
94 T	Hexachlorobutadiene	0.393	0.425	-8.1	102	0.00
95 T	Naphthalene	3.576	3.761	-5.2	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044052.D
Acq On : 02 Dec 2024 09:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.050	-4.4	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	101	0.00
2 T	Dichlorodifluoromethane	50.000	48.760	2.5	91	0.00
3 P	Chloromethane	50.000	44.661	10.7	86	0.00
4 C	Vinyl Chloride	50.000	45.609	8.8#	86	0.00
5 T	Bromomethane	50.000	50.250	-0.5	99	0.00
6 T	Chloroethane	50.000	46.164	7.7	88	0.00
7 T	Trichlorofluoromethane	50.000	49.537	0.9	94	0.00
8 T	Diethyl Ether	50.000	47.867	4.3	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.586	-5.2	98	0.00
10 T	Methyl Iodide	50.000	51.022	-2.0	96	0.00
11 T	Tert butyl alcohol	250.000	214.160	14.3	82	0.01
12 CM	1,1-Dichloroethene	50.000	49.599	0.8#	96	0.00
13 T	Acrolein	250.000	271.581	-8.6	110	0.00
14 T	Allyl chloride	50.000	52.611	-5.2	96	0.00
15 T	Acrylonitrile	250.000	242.374	3.1	89	0.00
16 T	Acetone	250.000	245.245	1.9	92	0.00
17 T	Carbon Disulfide	50.000	50.639	-1.3	95	0.00
18 T	Methyl Acetate	50.000	49.569	0.9	93	0.00
19 T	Methyl tert-butyl Ether	50.000	52.651	-5.3	98	0.00
20 T	Methylene Chloride	50.000	47.611	4.8	96	0.00
21 T	trans-1,2-Dichloroethene	50.000	48.792	2.4	93	0.00
22 T	Diisopropyl ether	50.000	53.226	-6.5	100	0.00
23 T	Vinyl Acetate	250.000	263.452	-5.4	94	0.00
24 P	1,1-Dichloroethane	50.000	51.678	-3.4	97	0.00
25 T	2-Butanone	250.000	239.586	4.2	87	0.00
26 T	2,2-Dichloropropane	50.000	54.235	-8.5	101	0.00
27 T	cis-1,2-Dichloroethene	50.000	49.670	0.7	93	0.00
28 T	Bromochloromethane	50.000	48.669	2.7	112	0.00
29 T	Tetrahydrofuran	250.000	228.630	8.5	85	0.00
30 C	Chloroform	50.000	51.284	-2.6#	98	0.00
31 T	Cyclohexane	50.000	48.704	2.6	90	0.00
32 T	1,1,1-Trichloroethane	50.000	53.951	-7.9	99	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.887	-3.8	120	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	100	0.00
35 S	Dibromofluoromethane	50.000	53.034	-6.1	116	0.00
36 T	1,1-Dichloropropene	50.000	52.618	-5.2	95	0.00
37 T	Ethyl Acetate	50.000	47.553	4.9	86	0.00
38 T	Carbon Tetrachloride	50.000	55.961	-11.9	101	0.00
39 T	Methylcyclohexane	50.000	52.020	-4.0	92	0.00
40 TM	Benzene	50.000	50.910	-1.8	95	0.00
41 T	Methacrylonitrile	50.000	52.704	-5.4	91	0.00
42 TM	1,2-Dichloroethane	50.000	52.094	-4.2	96	0.00
43 T	Isopropyl Acetate	50.000	51.584	-3.2	93	0.00
44 TM	Trichloroethene	50.000	44.927	10.1	95	0.00
45 C	1,2-Dichloropropane	50.000	52.369	-4.7#	96	0.00
46 T	Dibromomethane	50.000	52.494	-5.0	97	0.00
47 T	Bromodichloromethane	50.000	58.229	-16.5	103	0.00
48 T	Methyl methacrylate	50.000	49.940	0.1	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044052.D
 Acq On : 02 Dec 2024 09:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	930.205	7.0	86	0.00
50 S	Toluene-d8	50.000	51.465	-2.9	115	0.00
51 T	4-Methyl-2-Pentanone	250.000	249.255	0.3	88	0.00
52 CM	Toluene	50.000	51.308	-2.6#	93	0.00
53 T	t-1,3-Dichloropropene	50.000	56.098	-12.2	97	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.580	-9.2	96	0.00
55 T	1,1,2-Trichloroethane	50.000	51.196	-2.4	95	0.00
56 T	Ethyl methacrylate	50.000	51.920	-3.8	90	0.00
57 T	1,3-Dichloropropane	50.000	51.664	-3.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	196.017	21.6	75	0.00
59 T	2-Hexanone	250.000	254.978	-2.0	88	0.00
60 T	Dibromochloromethane	50.000	58.500	-17.0	102	0.00
61 T	1,2-Dibromoethane	50.000	51.899	-3.8	94	0.00
62 S	4-Bromofluorobenzene	50.000	52.721	-5.4	114	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	97	0.00
64 T	Tetrachloroethene	50.000	51.572	-3.1	94	0.00
65 PM	Chlorobenzene	50.000	50.853	-1.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.425	-14.8	100	0.00
67 C	Ethyl Benzene	50.000	52.562	-5.1#	93	0.00
68 T	m/p-Xylenes	100.000	104.612	-4.6	92	0.00
69 T	o-Xylene	50.000	51.921	-3.8	90	0.00
70 T	Styrene	50.000	53.942	-7.9	92	0.00
71 P	Bromoform	50.000	54.373	-8.7	101	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	99	0.00
73 T	Isopropylbenzene	50.000	51.313	-2.6	95	0.00
74 T	N-amyl acetate	50.000	51.002	-2.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	48.753	2.5	91	0.00
76 T	1,2,3-Trichloropropane	50.000	49.837	0.3	91	0.00
77 T	Bromobenzene	50.000	50.488	-1.0	94	0.00
78 T	n-propylbenzene	50.000	51.714	-3.4	92	0.00
79 T	2-Chlorotoluene	50.000	49.609	0.8	93	0.00
80 T	1,3,5-Trimethylbenzene	50.000	52.045	-4.1	94	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.649	-1.3	91	0.00
82 T	4-Chlorotoluene	50.000	51.616	-3.2	94	0.00
83 T	tert-Butylbenzene	50.000	52.833	-5.7	95	0.00
84 T	1,2,4-Trimethylbenzene	50.000	52.440	-4.9	95	0.00
85 T	sec-Butylbenzene	50.000	52.623	-5.2	94	0.00
86 T	p-Isopropyltoluene	50.000	54.107	-8.2	94	0.00
87 T	1,3-Dichlorobenzene	50.000	51.438	-2.9	96	0.00
88 T	1,4-Dichlorobenzene	50.000	49.987	0.0	94	0.00
89 T	n-Butylbenzene	50.000	55.440	-10.9	94	0.00
90 T	Hexachloroethane	50.000	56.673	-13.3	101	0.00
91 T	1,2-Dichlorobenzene	50.000	50.569	-1.1	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	51.624	-3.2	95	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.383	-4.8	95	0.00
94 T	Hexachlorobutadiene	50.000	54.099	-8.2	102	0.00
95 T	Naphthalene	50.000	52.580	-5.2	93	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044052.D
Acq On : 02 Dec 2024 09:45
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 00:12:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	52.185	-4.4	93	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006

Instrument ID: MSVOA_X Calibration Date/Time: 12/03/2024 09:44

Lab File ID: VX044080.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.633		0	20
Chloromethane	0.667	0.595	0.1	-10.8	20
Vinyl Chloride	0.709	0.648		-8.6	20
Bromomethane	0.436	0.445		2.06	20
Chloroethane	0.432	0.393		-9.03	20
Trichlorofluoromethane	1.268	1.309		3.23	20
1,1,2-Trichlorotrifluoroethane	0.605	0.649		7.27	20
1,1-Dichloroethene	0.576	0.573		-0.52	20
Acetone	0.394	0.356		-9.65	20
Carbon Disulfide	1.188	0.978		-17.68	20
Methyl tert-butyl Ether	2.092	2.301		9.99	20
Methyl Acetate	0.917	0.938		2.29	20
Methylene Chloride	0.668	0.663		-0.75	20
trans-1,2-Dichloroethene	0.595	0.596		0.17	20
1,1-Dichloroethane	1.161	1.233	0.1	6.2	20
Cyclohexane	0.956	0.965		0.94	20
2-Butanone	0.508	0.490		-3.54	20
Carbon Tetrachloride	0.500	0.536		7.2	20
cis-1,2-Dichloroethene	0.735	0.749		1.9	20
Bromochloromethane	0.511	0.468		-8.41	20
Chloroform	1.249	1.324		6.01	20
1,1,1-Trichloroethane	1.077	1.192		10.68	20
Methylcyclohexane	0.578	0.611		5.71	20
Benzene	1.387	1.444		4.11	20
1,2-Dichloroethane	0.557	0.594		6.64	20
Trichloroethene	0.393	0.360		-8.4	20
1,2-Dichloropropane	0.340	0.372		9.41	20
Bromodichloromethane	0.482	0.538		11.62	20
4-Methyl-2-Pentanone	0.537	0.558		3.91	20
Toluene	0.830	0.875		5.42	20
t-1,3-Dichloropropene	0.491	0.537		9.37	20
cis-1,3-Dichloropropene	0.539	0.584		8.35	20
1,1,2-Trichloroethane	0.343	0.357		4.08	20
2-Hexanone	0.403	0.419		3.97	20
Dibromochloromethane	0.344	0.378		9.88	20
1,2-Dibromoethane	0.346	0.369		6.65	20
Tetrachloroethene	0.330	0.361		9.39	20
Chlorobenzene	1.098	1.155	0.3	5.19	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05
 Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006
 Instrument ID: MSVOA_X Calibration Date/Time: 12/03/2024 09:44
 Lab File ID: VX044080.D Init. Calib. Date(s): 11/21/2024 11/21/2024
 Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03
 GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.861	2.067		11.07	20
m/p-Xylenes	0.694	0.759		9.37	20
o-Xylene	0.678	0.763		12.54	20
Styrene	1.121	1.260		12.4	20
Bromoform	0.240	0.275	0.1	14.58	20
Isopropylbenzene	3.843	4.393		14.31	20
1,1,2,2-Tetrachloroethane	1.316	1.398	0.3	6.23	20
1,3-Dichlorobenzene	1.670	1.806		8.14	20
1,4-Dichlorobenzene	1.702	1.803		5.93	20
1,2-Dichlorobenzene	1.685	1.789		6.17	20
1,2-Dibromo-3-Chloropropane	0.264	0.284		7.58	20
1,2,4-Trichlorobenzene	0.994	1.070		7.65	20
1,2,3-Trichlorobenzene	1.006	1.138		13.12	20
1,2-Dichloroethane-d4	0.858	0.812		-5.36	20
Dibromofluoromethane	0.357	0.344		-3.64	20
Toluene-d8	1.232	1.134		-7.95	20
4-Bromofluorobenzene	0.419	0.403		-3.82	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044080.D
 Acq On : 03 Dec 2024 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:36:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	121618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	213358	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80742	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	98754	47.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	5.379	113	73376	48.130	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.260%
50) Toluene-d8	8.641	98	241868	46.024	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.040%
62) 4-Bromofluorobenzene	11.079	95	86002	48.086	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.180%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	77028	49.995	ug/l	97
3) Chloromethane	1.294	50	72346	44.622	ug/l	99
4) Vinyl Chloride	1.374	62	78830	45.712	ug/l	100
5) Bromomethane	1.593	94	54150	51.043	ug/l	96
6) Chloroethane	1.666	64	47766	45.457	ug/l	94
7) Trichlorofluoromethane	1.867	101	159232	51.646	ug/l	99
8) Diethyl Ether	2.136	74	56459	50.242	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	78957	53.688	ug/l	99
10) Methyl Iodide	2.441	142	93461	50.884	ug/l	98
11) Tert butyl alcohol	3.001	59	67768	202.404	ug/l	99
12) 1,1-Dichloroethene	2.306	96	69715	49.747	ug/l	97
13) Acrolein	2.233	56	103745	293.971	ug/l	99
14) Allyl chloride	2.654	41	119629	52.243	ug/l	97
15) Acrylonitrile	3.062	53	202042	247.625	ug/l	97
16) Acetone	2.380	43	216737	226.224	ug/l	99
17) Carbon Disulfide	2.502	76	118932	41.143	ug/l	100
18) Methyl Acetate	2.703	43	114021	51.105	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	279863	55.000	ug/l	98
20) Methylene Chloride	2.782	84	80661	49.612	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	72450	50.074	ug/l	97
22) Diisopropyl ether	3.757	45	266922	54.513	ug/l	99
23) Vinyl Acetate	3.715	43	1122951	268.095	ug/l	100
24) 1,1-Dichloroethane	3.599	63	149965	53.090	ug/l	99
25) 2-Butanone	4.556	43	298242	241.257	ug/l	100
26) 2,2-Dichloropropane	4.465	77	137670	53.966	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	91125	50.952	ug/l	96
28) Bromochloromethane	4.885	49	56910	45.771	ug/l	97
29) Tetrahydrofuran	5.001	42	183280	241.836	ug/l	99
30) Chloroform	5.080	83	161025	53.002	ug/l	96
31) Cyclohexane	5.452	56	117302	50.455	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	144943	55.323	ug/l	99
36) 1,1-Dichloropropene	5.678	75	101939	53.658	ug/l	99
37) Ethyl Acetate	4.708	43	115630	49.032	ug/l	98
38) Carbon Tetrachloride	5.666	117	114443	53.612	ug/l	99
39) Methylcyclohexane	7.373	83	130286	52.789	ug/l	97
40) Benzene	6.025	78	308067	52.059	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044080.D
 Acq On : 03 Dec 2024 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/04/2024
 Supervised By :Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:36:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	63065	52.250	ug/l	97
42) 1,2-Dichloroethane	6.080	62	126828	53.364	ug/l	99
43) Isopropyl Acetate	6.336	43	196403	52.332	ug/l	99
44) Trichloroethene	7.117	130	76735	45.806	ug/l	94
45) 1,2-Dichloropropane	7.421	63	79285	54.703	ug/l	99
46) Dibromomethane	7.574	93	60994	53.200	ug/l	98
47) Bromodichloromethane	7.818	83	114694	55.778	ug/l	100
48) Methyl methacrylate	7.690	41	90545	50.279	ug/l	99
49) 1,4-Dioxane	7.665	88	25891	807.115	ug/l #	77
51) 4-Methyl-2-Pentanone	8.574	43	595119	259.846	ug/l	98
52) Toluene	8.714	92	186592	52.681	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	114657	54.680	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	124525	54.172	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	76088	52.041	ug/l	96
56) Ethyl methacrylate	9.116	69	120599	52.956	ug/l	99
57) 1,3-Dichloropropane	9.305	76	129754	52.682	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	335288	268.848	ug/l	98
59) 2-Hexanone	9.427	43	446994	259.665	ug/l	100
60) Dibromochloromethane	9.519	129	80611	54.951	ug/l	99
61) 1,2-Dibromoethane	9.604	107	78699	53.233	ug/l	99
64) Tetrachloroethene	9.269	164	63805	54.736	ug/l	95
65) Chlorobenzene	10.079	112	204260	52.608	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	72671	57.712	ug/l	98
67) Ethyl Benzene	10.189	91	365475	55.550	ug/l	100
68) m/p-Xylenes	10.299	106	268253	109.334	ug/l	98
69) o-Xylene	10.640	106	134875	56.303	ug/l	99
70) Styrene	10.652	104	222671	56.200	ug/l	98
71) Bromoform	10.799	173	48529	50.664	ug/l #	100
73) Isopropylbenzene	10.957	105	354682	57.146	ug/l	100
74) N-ethyl acetate	10.841	43	160545	55.838	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	112859	53.106	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95728m	54.063	ug/l	
77) Bromobenzene	11.195	156	78028	52.701	ug/l	99
78) n-propylbenzene	11.299	91	386775	55.797	ug/l	98
79) 2-Chlorotoluene	11.360	91	236670	53.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	284904	55.796	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	33223	51.200	ug/l	96
82) 4-Chlorotoluene	11.451	91	273209	55.209	ug/l	100
83) tert-Butylbenzene	11.713	119	284316	56.177	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	286601	56.377	ug/l	98
85) sec-Butylbenzene	11.890	105	351069	56.615	ug/l	100
86) p-Isopropyltoluene	12.006	119	289879	57.550	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	145831	54.080	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	145613	52.965	ug/l	97
89) n-Butylbenzene	12.329	91	262973	59.216	ug/l	98
90) Hexachloroethane	12.536	117	45678	53.331	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	144468	53.087	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22966	53.932	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	86393	53.848	ug/l	98
94) Hexachlorobutadiene	13.725	225	33230	52.406	ug/l	99
95) Naphthalene	13.774	128	321644	55.692	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	91871	56.575	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044080.D
Acq On : 03 Dec 2024 09:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:36:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

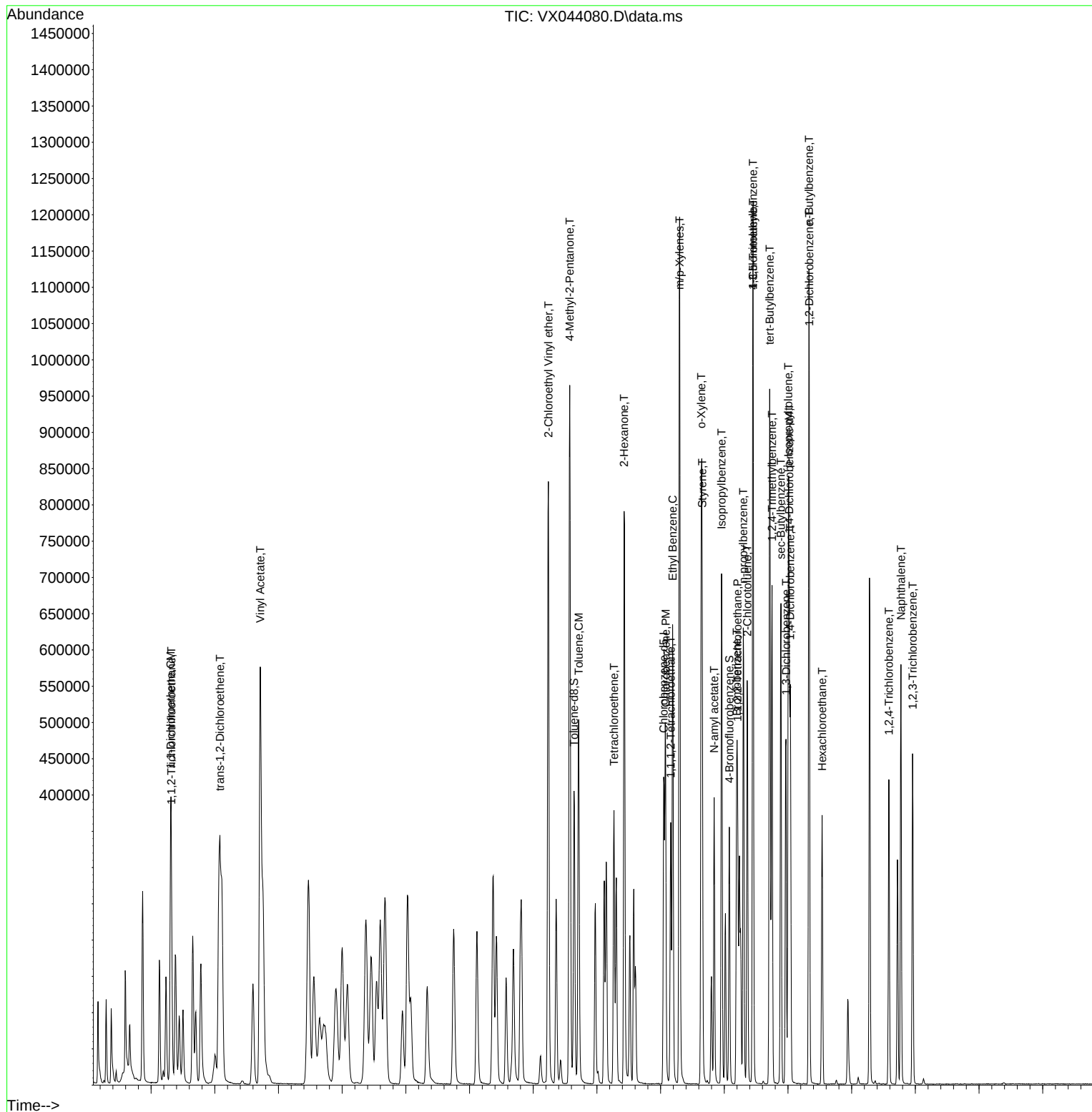
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044080.D
 Acq On : 03 Dec 2024 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 23:36:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	0.633	0.633	0.0	81	0.00
3 P	Chloromethane	0.667	0.595	10.8	75	0.00
4 C	Vinyl Chloride	0.709	0.648	8.6#	75	0.00
5 T	Bromomethane	0.436	0.445	-2.1	88	0.00
6 T	Chloroethane	0.432	0.393	9.0	75	0.00
7 T	Trichlorofluoromethane	1.268	1.309	-3.2	85	0.00
8 T	Diethyl Ether	0.462	0.464	-0.4	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.605	0.649	-7.3	87	0.00
10 T	Methyl Iodide	0.755	0.768	-1.7	83	0.00
11 T	Tert butyl alcohol	0.138	0.111	19.6	68	0.00
12 CM	1,1-Dichloroethene	0.576	0.573	0.5#	84	0.00
13 T	Acrolein	0.145	0.171	-17.9	103	0.00
14 T	Allyl chloride	0.941	0.984	-4.6	83	0.00
15 T	Acrylonitrile	0.335	0.332	0.9	79	0.00
16 T	Acetone	0.394	0.356	9.6	74	0.00
17 T	Carbon Disulfide	1.188	0.978	17.7	67	0.00
18 T	Methyl Acetate	0.917	0.938	-2.3	83	0.00
19 T	Methyl tert-butyl Ether	2.092	2.301	-10.0	89	0.00
20 T	Methylene Chloride	0.668	0.663	0.7	87	0.00
21 T	trans-1,2-Dichloroethene	0.595	0.596	-0.2	83	0.00
22 T	Diisopropyl ether	2.013	2.195	-9.0	89	0.00
23 T	Vinyl Acetate	1.722	1.847	-7.3	83	0.00
24 P	1,1-Dichloroethane	1.161	1.233	-6.2	86	0.00
25 T	2-Butanone	0.508	0.490	3.5	76	0.00
26 T	2,2-Dichloropropane	1.049	1.132	-7.9	87	0.00
27 T	cis-1,2-Dichloroethene	0.735	0.749	-1.9	83	0.00
28 T	Bromochloromethane	0.511	0.468	8.4	91	0.00
29 T	Tetrahydrofuran	0.312	0.301	3.5	78	0.00
30 C	Chloroform	1.249	1.324	-6.0#	88	0.00
31 T	Cyclohexane	0.956	0.965	-0.9	81	0.00
32 T	1,1,1-Trichloroethane	1.077	1.192	-10.7	88	0.00
33 S	1,2-Dichloroethane-d4	0.858	0.812	5.4	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.357	0.344	3.6	93	0.00
36 T	1,1-Dichloropropene	0.445	0.478	-7.4	85	0.00
37 T	Ethyl Acetate	0.553	0.542	2.0	78	0.00
38 T	Carbon Tetrachloride	0.500	0.536	-7.2	85	0.00
39 T	Methylcyclohexane	0.578	0.611	-5.7	82	0.00
40 TM	Benzene	1.387	1.444	-4.1	85	0.00
41 T	Methacrylonitrile	0.283	0.296	-4.6	79	0.00
42 TM	1,2-Dichloroethane	0.557	0.594	-6.6	87	0.00
43 T	Isopropyl Acetate	0.880	0.921	-4.7	83	0.00
44 TM	Trichloroethene	0.393	0.360	8.4	85	0.00
45 C	1,2-Dichloropropane	0.340	0.372	-9.4#	89	0.00
46 T	Dibromomethane	0.269	0.286	-6.3	86	0.00
47 T	Bromodichloromethane	0.482	0.538	-11.6	87	0.00
48 T	Methyl methacrylate	0.422	0.424	-0.5	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044080.D
 Acq On : 03 Dec 2024 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 03 23:36:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.006	25.0	66	0.00
50 S	Toluene-d8	1.232	1.134	8.0	91	0.00
51 T	4-Methyl-2-Pentanone	0.537	0.558	-3.9	81	0.00
52 CM	Toluene	0.830	0.875	-5.4#	84	0.00
53 T	t-1,3-Dichloropropene	0.491	0.537	-9.4	83	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.584	-8.3	84	0.00
55 T	1,1,2-Trichloroethane	0.343	0.357	-4.1	85	0.00
56 T	Ethyl methacrylate	0.534	0.565	-5.8	81	0.00
57 T	1,3-Dichloropropane	0.577	0.608	-5.4	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.273	0.314	-15.0	90	0.00
59 T	2-Hexanone	0.403	0.419	-4.0	79	0.00
60 T	Dibromochloromethane	0.344	0.378	-9.9	84	0.00
61 T	1,2-Dibromoethane	0.346	0.369	-6.6	85	0.00
62 S	4-Bromofluorobenzene	0.419	0.403	3.8	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.330	0.361	-9.4	86	0.00
65 PM	Chlorobenzene	1.098	1.155	-5.2	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.411	-15.4	87	0.00
67 C	Ethyl Benzene	1.861	2.067	-11.1#	85	0.00
68 T	m/p-Xylenes	0.694	0.759	-9.4	83	0.00
69 T	o-Xylene	0.678	0.763	-12.5	84	0.00
70 T	Styrene	1.121	1.260	-12.4	83	0.00
71 P	Bromoform	0.240	0.275	-14.6	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.843	4.393	-14.3	86	0.00
74 T	N-amyl acetate	1.780	1.988	-11.7	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.316	1.398	-6.2	81	0.00
76 T	1,2,3-Trichloropropane	1.096	1.186	-8.2	81	0.00
77 T	Bromobenzene	0.917	0.966	-5.3	80	0.00
78 T	n-propylbenzene	4.293	4.790	-11.6	81	0.00
79 T	2-Chlorotoluene	2.714	2.931	-8.0	83	0.00
80 T	1,3,5-Trimethylbenzene	3.162	3.529	-11.6	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.402	0.411	-2.2	75	0.00
82 T	4-Chlorotoluene	3.064	3.384	-10.4	82	0.00
83 T	tert-Butylbenzene	3.134	3.521	-12.3	82	0.00
84 T	1,2,4-Trimethylbenzene	3.148	3.550	-12.8	83	0.00
85 T	sec-Butylbenzene	3.840	4.348	-13.2	82	0.00
86 T	p-Isopropyltoluene	3.119	3.590	-15.1	82	0.00
87 T	1,3-Dichlorobenzene	1.670	1.806	-8.1	82	0.00
88 T	1,4-Dichlorobenzene	1.702	1.803	-5.9	81	0.00
89 T	n-Butylbenzene	2.750	3.257	-18.4	82	0.00
90 T	Hexachloroethane	0.530	0.566	-6.8	77	0.00
91 T	1,2-Dichlorobenzene	1.685	1.789	-6.2	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.264	0.284	-7.6	81	0.00
93 T	1,2,4-Trichlorobenzene	0.994	1.070	-7.6	79	0.00
94 T	Hexachlorobutadiene	0.393	0.412	-4.8	81	0.00
95 T	Naphthalene	3.576	3.984	-11.4	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044080.D
Acq On : 03 Dec 2024 09:44
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 03 23:36:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.138	-13.1	82	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044080.D
 Acq On : 03 Dec 2024 09:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
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Quant Time: Dec 03 23:36:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	50.000	49.995	0.0	81	0.00
3 P	Chloromethane	50.000	44.622	10.8	75	0.00
4 C	Vinyl Chloride	50.000	45.712	8.6#	75	0.00
5 T	Bromomethane	50.000	51.043	-2.1	88	0.00
6 T	Chloroethane	50.000	45.457	9.1	75	0.00
7 T	Trichlorofluoromethane	50.000	51.646	-3.3	85	0.00
8 T	Diethyl Ether	50.000	50.242	-0.5	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	53.688	-7.4	87	0.00
10 T	Methyl Iodide	50.000	50.884	-1.8	83	0.00
11 T	Tert butyl alcohol	250.000	202.404	19.0	68	0.00
12 CM	1,1-Dichloroethene	50.000	49.747	0.5#	84	0.00
13 T	Acrolein	250.000	293.971	-17.6	103	0.00
14 T	Allyl chloride	50.000	52.243	-4.5	83	0.00
15 T	Acrylonitrile	250.000	247.625	0.9	79	0.00
16 T	Acetone	250.000	226.224	9.5	74	0.00
17 T	Carbon Disulfide	50.000	41.143	17.7	67	0.00
18 T	Methyl Acetate	50.000	51.105	-2.2	83	0.00
19 T	Methyl tert-butyl Ether	50.000	55.000	-10.0	89	0.00
20 T	Methylene Chloride	50.000	49.612	0.8	87	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.074	-0.1	83	0.00
22 T	Diisopropyl ether	50.000	54.513	-9.0	89	0.00
23 T	Vinyl Acetate	250.000	268.095	-7.2	83	0.00
24 P	1,1-Dichloroethane	50.000	53.090	-6.2	86	0.00
25 T	2-Butanone	250.000	241.257	3.5	76	0.00
26 T	2,2-Dichloropropane	50.000	53.966	-7.9	87	0.00
27 T	cis-1,2-Dichloroethene	50.000	50.952	-1.9	83	0.00
28 T	Bromochloromethane	50.000	45.771	8.5	91	0.00
29 T	Tetrahydrofuran	250.000	241.836	3.3	78	0.00
30 C	Chloroform	50.000	53.002	-6.0#	88	0.00
31 T	Cyclohexane	50.000	50.455	-0.9	81	0.00
32 T	1,1,1-Trichloroethane	50.000	55.323	-10.6	88	0.00
33 S	1,2-Dichloroethane-d4	50.000	47.342	5.3	95	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	48.130	3.7	93	0.00
36 T	1,1-Dichloropropene	50.000	53.658	-7.3	85	0.00
37 T	Ethyl Acetate	50.000	49.032	1.9	78	0.00
38 T	Carbon Tetrachloride	50.000	53.612	-7.2	85	0.00
39 T	Methylcyclohexane	50.000	52.789	-5.6	82	0.00
40 TM	Benzene	50.000	52.059	-4.1	85	0.00
41 T	Methacrylonitrile	50.000	52.250	-4.5	79	0.00
42 TM	1,2-Dichloroethane	50.000	53.364	-6.7	87	0.00
43 T	Isopropyl Acetate	50.000	52.332	-4.7	83	0.00
44 TM	Trichloroethene	50.000	45.806	8.4	85	0.00
45 C	1,2-Dichloropropane	50.000	54.703	-9.4#	89	0.00
46 T	Dibromomethane	50.000	53.200	-6.4	86	0.00
47 T	Bromodichloromethane	50.000	55.778	-11.6	87	0.00
48 T	Methyl methacrylate	50.000	50.279	-0.6	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044080.D
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 VSTDCCC050

Quant Time: Dec 03 23:36:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	807.115	19.3	66	0.00
50 S	Toluene-d8	50.000	46.024	8.0	91	0.00
51 T	4-Methyl-2-Pentanone	250.000	259.846	-3.9	81	0.00
52 CM	Toluene	50.000	52.681	-5.4#	84	0.00
53 T	t-1,3-Dichloropropene	50.000	54.680	-9.4	83	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.172	-8.3	84	0.00
55 T	1,1,2-Trichloroethane	50.000	52.041	-4.1	85	0.00
56 T	Ethyl methacrylate	50.000	52.956	-5.9	81	0.00
57 T	1,3-Dichloropropane	50.000	52.682	-5.4	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	268.848	-7.5	90	0.00
59 T	2-Hexanone	250.000	259.665	-3.9	79	0.00
60 T	Dibromochloromethane	50.000	54.951	-9.9	84	0.00
61 T	1,2-Dibromoethane	50.000	53.233	-6.5	85	0.00
62 S	4-Bromofluorobenzene	50.000	48.086	3.8	92	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	83	0.00
64 T	Tetrachloroethene	50.000	54.736	-9.5	86	0.00
65 PM	Chlorobenzene	50.000	52.608	-5.2	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	57.712	-15.4	87	0.00
67 C	Ethyl Benzene	50.000	55.550	-11.1#	85	0.00
68 T	m/p-Xylenes	100.000	109.334	-9.3	83	0.00
69 T	o-Xylene	50.000	56.303	-12.6	84	0.00
70 T	Styrene	50.000	56.200	-12.4	83	0.00
71 P	Bromoform	50.000	50.664	-1.3	81	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	80	0.00
73 T	Isopropylbenzene	50.000	57.146	-14.3	86	0.00
74 T	N-amyl acetate	50.000	55.838	-11.7	80	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	53.106	-6.2	81	0.00
76 T	1,2,3-Trichloropropane	50.000	54.063	-8.1	81	0.00
77 T	Bromobenzene	50.000	52.701	-5.4	80	0.00
78 T	n-propylbenzene	50.000	55.797	-11.6	81	0.00
79 T	2-Chlorotoluene	50.000	53.994	-8.0	83	0.00
80 T	1,3,5-Trimethylbenzene	50.000	55.796	-11.6	82	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	51.200	-2.4	75	0.00
82 T	4-Chlorotoluene	50.000	55.209	-10.4	82	0.00
83 T	tert-Butylbenzene	50.000	56.177	-12.4	82	0.00
84 T	1,2,4-Trimethylbenzene	50.000	56.377	-12.8	83	0.00
85 T	sec-Butylbenzene	50.000	56.615	-13.2	82	0.00
86 T	p-Isopropyltoluene	50.000	57.550	-15.1	82	0.00
87 T	1,3-Dichlorobenzene	50.000	54.080	-8.2	82	0.00
88 T	1,4-Dichlorobenzene	50.000	52.965	-5.9	81	0.00
89 T	n-Butylbenzene	50.000	59.216	-18.4	82	0.00
90 T	Hexachloroethane	50.000	53.331	-6.7	77	0.00
91 T	1,2-Dichlorobenzene	50.000	53.087	-6.2	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	53.932	-7.9	81	0.00
93 T	1,2,4-Trichlorobenzene	50.000	53.848	-7.7	79	0.00
94 T	Hexachlorobutadiene	50.000	52.406	-4.8	81	0.00
95 T	Naphthalene	50.000	55.692	-11.4	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044080.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	56.575	-13.2	82	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006

Instrument ID: MSVOA_X Calibration Date/Time: 12/04/2024 12:12

Lab File ID: VX044109.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.633	0.554		-12.48	20
Chloromethane	0.667	0.570	0.1	-14.54	20
Vinyl Chloride	0.709	0.649		-8.46	20
Bromomethane	0.436	0.458		5.05	20
Chloroethane	0.432	0.405		-6.25	20
Trichlorofluoromethane	1.268	1.279		0.87	20
1,1,2-Trichlorotrifluoroethane	0.605	0.632		4.46	20
1,1-Dichloroethene	0.576	0.569		-1.22	20
Acetone	0.394	0.390		-1.01	20
Carbon Disulfide	1.188	1.084		-8.75	20
Methyl tert-butyl Ether	2.092	2.216		5.93	20
Methyl Acetate	0.917	0.925		0.87	20
Methylene Chloride	0.668	0.655		-1.95	20
trans-1,2-Dichloroethene	0.595	0.596		0.17	20
1,1-Dichloroethane	1.161	1.183	0.1	1.89	20
Cyclohexane	0.956	0.977		2.2	20
2-Butanone	0.508	0.522		2.76	20
Carbon Tetrachloride	0.500	0.529		5.8	20
cis-1,2-Dichloroethene	0.735	0.750		2.04	20
Bromochloromethane	0.511	0.487		-4.7	20
Chloroform	1.249	1.302		4.24	20
1,1,1-Trichloroethane	1.077	1.166		8.26	20
Methylcyclohexane	0.578	0.632		9.34	20
Benzene	1.387	1.416		2.09	20
1,2-Dichloroethane	0.557	0.589		5.74	20
Trichloroethene	0.393	0.351		-10.69	20
1,2-Dichloropropane	0.340	0.356		4.71	20
Bromodichloromethane	0.482	0.526		9.13	20
4-Methyl-2-Pentanone	0.537	0.587		9.31	20
Toluene	0.830	0.892		7.47	20
t-1,3-Dichloropropene	0.491	0.541		10.18	20
cis-1,3-Dichloropropene	0.539	0.584		8.35	20
1,1,2-Trichloroethane	0.343	0.355		3.5	20
2-Hexanone	0.403	0.450		11.66	20
Dibromochloromethane	0.344	0.371		7.85	20
1,2-Dibromoethane	0.346	0.380		9.83	20
Tetrachloroethene	0.330	0.353		6.97	20
Chlorobenzene	1.098	1.134	0.3	3.28	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: ENTA05

Lab Code: CHEM Case No.: P5006 SAS No.: P5006 SDG No.: P5006

Instrument ID: MSVOA_X Calibration Date/Time: 12/04/2024 12:12

Lab File ID: VX044109.D Init. Calib. Date(s): 11/21/2024 11/21/2024

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:47 12:03

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.861	2.065		10.96	20
m/p-Xylenes	0.694	0.754		8.65	20
o-Xylene	0.678	0.751		10.77	20
Styrene	1.121	1.266		12.94	20
Bromoform	0.240	0.264	0.1	10	20
Isopropylbenzene	3.843	4.153		8.07	20
1,1,2,2-Tetrachloroethane	1.316	1.345	0.3	2.2	20
1,3-Dichlorobenzene	1.670	1.780		6.59	20
1,4-Dichlorobenzene	1.702	1.773		4.17	20
1,2-Dichlorobenzene	1.685	1.765		4.75	20
1,2-Dibromo-3-Chloropropane	0.264	0.295		11.74	20
1,2,4-Trichlorobenzene	0.994	1.043		4.93	20
1,2,3-Trichlorobenzene	1.006	1.082		7.55	20
1,2-Dichloroethane-d4	0.858	0.876		2.1	20
Dibromofluoromethane	0.357	0.369		3.36	20
Toluene-d8	1.232	1.240		0.65	20
4-Bromofluorobenzene	0.419	0.447		6.68	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044109.D
 Acq On : 04 Dec 2024 12:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.538	168	121433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212858	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	180347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85782	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	106394	51.083	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.160%
35) Dibromofluoromethane	5.379	113	78606	51.681	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.360%
50) Toluene-d8	8.647	98	263953	50.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.680%
62) 4-Bromofluorobenzene	11.079	95	95182	53.343	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.680%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	67307	43.752	ug/l	96
3) Chloromethane	1.295	50	69241	42.772	ug/l	99
4) Vinyl Chloride	1.374	62	78753	45.737	ug/l	97
5) Bromomethane	1.593	94	55625	52.513	ug/l	100
6) Chloroethane	1.660	64	49235	46.927	ug/l	97
7) Trichlorofluoromethane	1.868	101	155311	50.451	ug/l	98
8) Diethyl Ether	2.130	74	55482	49.448	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.313	101	76765	52.277	ug/l	98
10) Methyl Iodide	2.441	142	89895	49.017	ug/l	97
11) Tert butyl alcohol	2.995	59	72474	216.790	ug/l	95
12) 1,1-Dichloroethene	2.307	96	69109	49.390	ug/l	93
13) Acrolein	2.233	56	107424	304.860	ug/l	99
14) Allyl chloride	2.654	41	119231	52.148	ug/l	98
15) Acrylonitrile	3.063	53	203671	250.001	ug/l	96
16) Acetone	2.386	43	236534	247.264	ug/l	99
17) Carbon Disulfide	2.502	76	131624	45.603	ug/l	99
18) Methyl Acetate	2.703	43	112337	50.427	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	269141	52.973	ug/l	99
20) Methylene Chloride	2.782	84	79519	48.984	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	72334	50.070	ug/l	97
22) Diisopropyl ether	3.757	45	259161	53.009	ug/l	97
23) Vinyl Acetate	3.715	43	1125070	269.010	ug/l	100
24) 1,1-Dichloroethane	3.599	63	143703	50.951	ug/l	99
25) 2-Butanone	4.556	43	316998	256.820	ug/l	100
26) 2,2-Dichloropropane	4.465	77	133929	52.580	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	91119	51.026	ug/l	99
28) Bromochloromethane	4.891	49	59097	47.602	ug/l	97
29) Tetrahydrofuran	5.007	42	190074	251.182	ug/l	99
30) Chloroform	5.080	83	158048	52.101	ug/l	94
31) Cyclohexane	5.458	56	118676	51.124	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	141586	54.124	ug/l	99
36) 1,1-Dichloropropene	5.684	75	102557	54.110	ug/l	97
37) Ethyl Acetate	4.715	43	121923	51.822	ug/l	98
38) Carbon Tetrachloride	5.666	117	112591	52.868	ug/l	97
39) Methylcyclohexane	7.373	83	134572	54.654	ug/l	96
40) Benzene	6.025	78	301458	51.062	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044109.D
 Acq On : 04 Dec 2024 12:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	63088	52.392	ug/l	94
42) 1,2-Dichloroethane	6.080	62	125415	52.893	ug/l	100
43) Isopropyl Acetate	6.336	43	200882	53.652	ug/l	99
44) Trichloroethene	7.117	130	74668	44.677	ug/l	95
45) 1,2-Dichloropropane	7.421	63	75747	52.385	ug/l	99
46) Dibromomethane	7.574	93	60579	52.962	ug/l	99
47) Bromodichloromethane	7.818	83	111906	54.550	ug/l	100
48) Methyl methacrylate	7.690	41	96199	53.544	ug/l	97
49) 1,4-Dioxane	7.665	88	29167	911.376	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	625139	273.595	ug/l	98
52) Toluene	8.714	92	189864	53.731	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	115260	55.097	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	124403	54.246	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	75664	51.872	ug/l	97
56) Ethyl methacrylate	9.116	69	124403	54.755	ug/l	98
57) 1,3-Dichloropropane	9.305	76	129718	52.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	392231	315.913	ug/l	99
59) 2-Hexanone	9.433	43	478582	278.668	ug/l	99
60) Dibromochloromethane	9.519	129	78916	53.922	ug/l	100
61) 1,2-Dibromoethane	9.604	107	80945	54.881	ug/l	97
64) Tetrachloroethene	9.269	164	63710	53.575	ug/l	98
65) Chlorobenzene	10.080	112	204565	51.646	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	70769	55.091	ug/l	98
67) Ethyl Benzene	10.189	91	372467	55.494	ug/l	97
68) m/p-Xylenes	10.299	106	271912	108.636	ug/l	98
69) o-Xylene	10.640	106	135482	55.439	ug/l	97
70) Styrene	10.653	104	228338	56.492	ug/l	98
71) Bromoform	10.799	173	47650	48.902	ug/l #	99
73) Isopropylbenzene	10.957	105	356215	54.021	ug/l	99
74) N-amyl acetate	10.842	43	171732	56.219	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	115361	51.094	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	100162m	53.244	ug/l	
77) Bromobenzene	11.195	156	82146	52.223	ug/l	99
78) n-propylbenzene	11.305	91	407948	55.393	ug/l	98
79) 2-Chlorotoluene	11.360	91	248427	53.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	296839	54.718	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34600	50.189	ug/l	95
82) 4-Chlorotoluene	11.451	91	286787	54.548	ug/l	99
83) tert-Butylbenzene	11.713	119	300081	55.808	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	299486	55.450	ug/l	99
85) sec-Butylbenzene	11.890	105	369889	56.145	ug/l	100
86) p-Isopropyltoluene	12.006	119	309369	57.811	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	152725	53.309	ug/l	100
88) 1,4-Dichlorobenzene	12.037	146	152113	52.078	ug/l	98
89) n-Butylbenzene	12.329	91	276372	58.576	ug/l	99
90) Hexachloroethane	12.536	117	47394	52.083	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	151397	52.365	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	25340	56.011	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	89505	52.510	ug/l	99
94) Hexachlorobutadiene	13.719	225	36929	54.818	ug/l	95
95) Naphthalene	13.774	128	348746	56.837	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	92849	53.817	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044109.D
Acq On : 04 Dec 2024 12:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:21:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

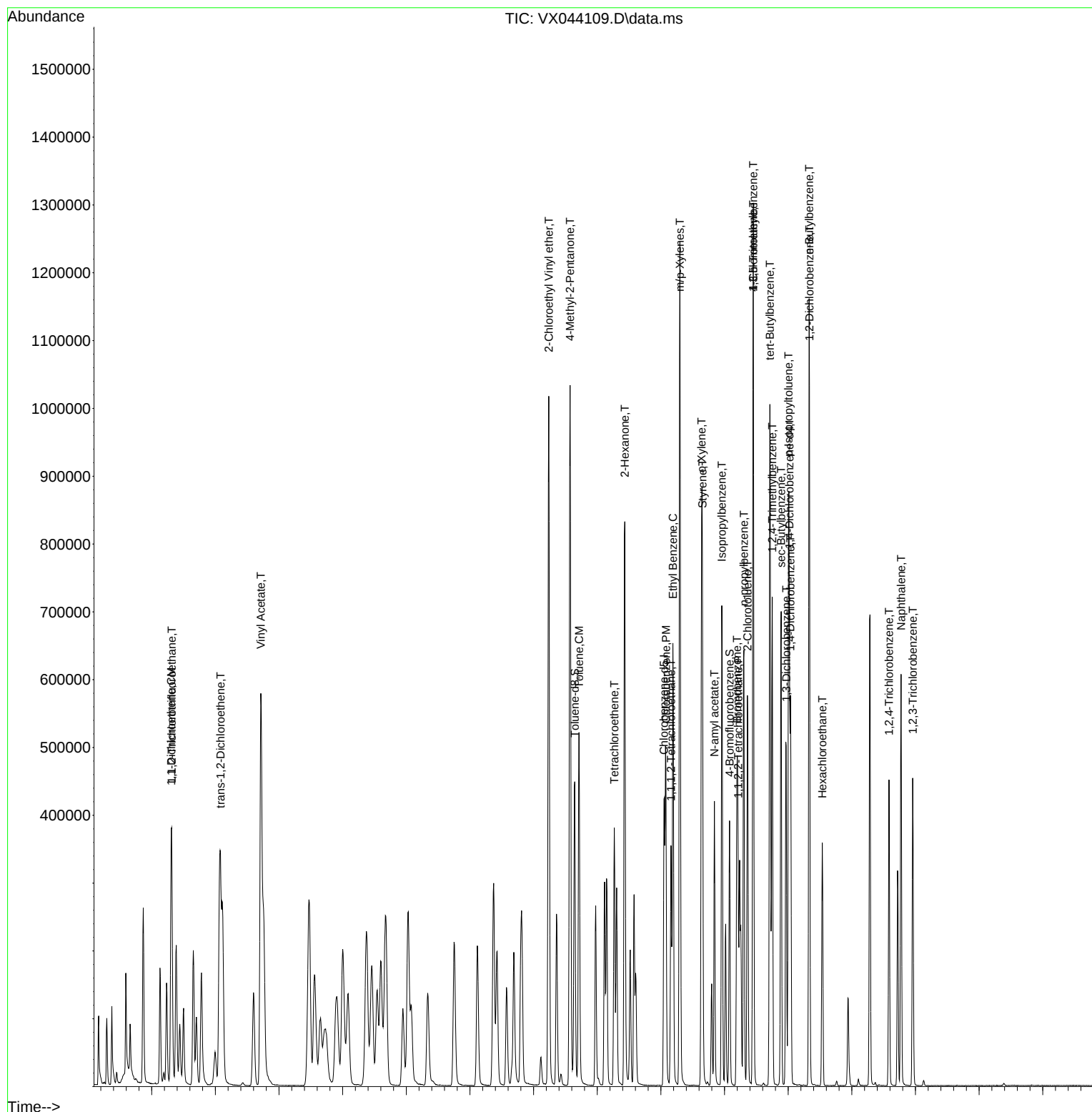
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044109.D
Acq On    : 04 Dec 2024 12:12
Operator  : JC/MD
Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 2   Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED

Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:21:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044109.D
 Acq On : 04 Dec 2024 12:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 05 00:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	0.633	0.554	12.5	71	0.00
3 P	Chloromethane	0.667	0.570	14.5	72	0.00
4 C	Vinyl Chloride	0.709	0.649	8.5#	75	0.00
5 T	Bromomethane	0.436	0.458	-5.0	90	0.00
6 T	Chloroethane	0.432	0.405	6.2	77	0.00
7 T	Trichlorofluoromethane	1.268	1.279	-0.9	83	0.00
8 T	Diethyl Ether	0.462	0.457	1.1	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.605	0.632	-4.5	84	0.00
10 T	Methyl Iodide	0.755	0.740	2.0	80	0.00
11 T	Tert butyl alcohol	0.138	0.119	13.8	72	0.00
12 CM	1,1-Dichloroethene	0.576	0.569	1.2#	83	0.00
13 T	Acrolein	0.145	0.177	-22.1	107	0.00
14 T	Allyl chloride	0.941	0.982	-4.4	82	0.00
15 T	Acrylonitrile	0.335	0.335	0.0	79	0.00
16 T	Acetone	0.394	0.390	1.0	80	0.00
17 T	Carbon Disulfide	1.188	1.084	8.8	74	0.00
18 T	Methyl Acetate	0.917	0.925	-0.9	82	0.00
19 T	Methyl tert-butyl Ether	2.092	2.216	-5.9	86	0.00
20 T	Methylene Chloride	0.668	0.655	1.9	86	0.00
21 T	trans-1,2-Dichloroethene	0.595	0.596	-0.2	82	0.00
22 T	Diisopropyl ether	2.013	2.134	-6.0	86	0.00
23 T	Vinyl Acetate	1.722	1.853	-7.6	84	0.00
24 P	1,1-Dichloroethane	1.161	1.183	-1.9	83	0.00
25 T	2-Butanone	0.508	0.522	-2.8	81	0.00
26 T	2,2-Dichloropropane	1.049	1.103	-5.1	85	0.00
27 T	cis-1,2-Dichloroethene	0.735	0.750	-2.0	83	0.00
28 T	Bromochloromethane	0.511	0.487	4.7	95	0.00
29 T	Tetrahydrofuran	0.312	0.313	-0.3	81	0.00
30 C	Chloroform	1.249	1.302	-4.2#	87	0.00
31 T	Cyclohexane	0.956	0.977	-2.2	82	0.00
32 T	1,1,1-Trichloroethane	1.077	1.166	-8.3	86	0.00
33 S	1,2-Dichloroethane-d4	0.858	0.876	-2.1	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.357	0.369	-3.4	100	0.00
36 T	1,1-Dichloropropene	0.445	0.482	-8.3	86	0.00
37 T	Ethyl Acetate	0.553	0.573	-3.6	83	0.00
38 T	Carbon Tetrachloride	0.500	0.529	-5.8	84	0.00
39 T	Methylcyclohexane	0.578	0.632	-9.3	85	0.00
40 TM	Benzene	1.387	1.416	-2.1	84	0.00
41 T	Methacrylonitrile	0.283	0.296	-4.6	79	0.00
42 TM	1,2-Dichloroethane	0.557	0.589	-5.7	86	0.00
43 T	Isopropyl Acetate	0.880	0.944	-7.3	85	0.00
44 TM	Trichloroethene	0.393	0.351	10.7	83	0.00
45 C	1,2-Dichloropropane	0.340	0.356	-4.7#	85	0.00
46 T	Dibromomethane	0.269	0.285	-5.9	86	0.00
47 T	Bromodichloromethane	0.482	0.526	-9.1	85	0.00
48 T	Methyl methacrylate	0.422	0.452	-7.1	85	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044109.D
 Acq On : 04 Dec 2024 12:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 05 00:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.007	12.5	74	0.00
50 S	Toluene-d8	1.232	1.240	-0.6	99	0.00
51 T	4-Methyl-2-Pentanone	0.537	0.587	-9.3	85	0.00
52 CM	Toluene	0.830	0.892	-7.5#	85	0.00
53 T	t-1,3-Dichloropropene	0.491	0.541	-10.2	84	0.00
54 T	cis-1,3-Dichloropropene	0.539	0.584	-8.3	84	0.00
55 T	1,1,2-Trichloroethane	0.343	0.355	-3.5	85	0.00
56 T	Ethyl methacrylate	0.534	0.584	-9.4	84	0.00
57 T	1,3-Dichloropropane	0.577	0.609	-5.5	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.273	0.369	-35.2#	106	0.00
59 T	2-Hexanone	0.403	0.450	-11.7	84	0.00
60 T	Dibromochloromethane	0.344	0.371	-7.8	83	0.00
61 T	1,2-Dibromoethane	0.346	0.380	-9.8	87	0.00
62 S	4-Bromofluorobenzene	0.419	0.447	-6.7	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
64 T	Tetrachloroethene	0.330	0.353	-7.0	86	0.00
65 PM	Chlorobenzene	1.098	1.134	-3.3	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.392	-10.1	84	0.00
67 C	Ethyl Benzene	1.861	2.065	-11.0#	87	0.00
68 T	m/p-Xylenes	0.694	0.754	-8.6	84	0.00
69 T	o-Xylene	0.678	0.751	-10.8	84	0.00
70 T	Styrene	1.121	1.266	-12.9	85	0.00
71 P	Bromoform	0.240	0.264	-10.0	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.843	4.153	-8.1	87	0.00
74 T	N-amyl acetate	1.780	2.002	-12.5	86	0.00
75 P	1,1,2,2-Tetrachloroethane	1.316	1.345	-2.2	83	0.00
76 T	1,2,3-Trichloropropane	1.096	1.168	-6.6	85	0.00
77 T	Bromobenzene	0.917	0.958	-4.5	84	0.00
78 T	n-propylbenzene	4.293	4.756	-10.8	86	0.00
79 T	2-Chlorotoluene	2.714	2.896	-6.7	87	0.00
80 T	1,3,5-Trimethylbenzene	3.162	3.460	-9.4	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.402	0.403	-0.2	78	0.00
82 T	4-Chlorotoluene	3.064	3.343	-9.1	86	0.00
83 T	tert-Butylbenzene	3.134	3.498	-11.6	87	0.00
84 T	1,2,4-Trimethylbenzene	3.148	3.491	-10.9	87	0.00
85 T	sec-Butylbenzene	3.840	4.312	-12.3	87	0.00
86 T	p-Isopropyltoluene	3.119	3.606	-15.6	88	0.00
87 T	1,3-Dichlorobenzene	1.670	1.780	-6.6	86	0.00
88 T	1,4-Dichlorobenzene	1.702	1.773	-4.2	85	0.00
89 T	n-Butylbenzene	2.750	3.222	-17.2	87	0.00
90 T	Hexachloroethane	0.530	0.552	-4.2	80	0.00
91 T	1,2-Dichlorobenzene	1.685	1.765	-4.7	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.264	0.295	-11.7	89	0.00
93 T	1,2,4-Trichlorobenzene	0.994	1.043	-4.9	82	0.00
94 T	Hexachlorobutadiene	0.393	0.430	-9.4	89	0.00
95 T	Naphthalene	3.576	4.065	-13.7	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044109.D
Acq On : 04 Dec 2024 12:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 05 00:21:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	1.082	-7.6	83	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044109.D
 Acq On : 04 Dec 2024 12:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 05 00:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	88	0.00
2 T	Dichlorodifluoromethane	50.000	43.752	12.5	71	0.00
3 P	Chloromethane	50.000	42.772	14.5	72	0.00
4 C	Vinyl Chloride	50.000	45.737	8.5#	75	0.00
5 T	Bromomethane	50.000	52.513	-5.0	90	0.00
6 T	Chloroethane	50.000	46.927	6.1	77	0.00
7 T	Trichlorofluoromethane	50.000	50.451	-0.9	83	0.00
8 T	Diethyl Ether	50.000	49.448	1.1	84	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	52.277	-4.6	84	0.00
10 T	Methyl Iodide	50.000	49.017	2.0	80	0.00
11 T	Tert butyl alcohol	250.000	216.790	13.3	72	0.00
12 CM	1,1-Dichloroethene	50.000	49.390	1.2#	83	0.00
13 T	Acrolein	250.000	304.860	-21.9	107	0.00
14 T	Allyl chloride	50.000	52.148	-4.3	82	0.00
15 T	Acrylonitrile	250.000	250.001	-0.0	79	0.00
16 T	Acetone	250.000	247.264	1.1	80	0.00
17 T	Carbon Disulfide	50.000	45.603	8.8	74	0.00
18 T	Methyl Acetate	50.000	50.427	-0.9	82	0.00
19 T	Methyl tert-butyl Ether	50.000	52.973	-5.9	86	0.00
20 T	Methylene Chloride	50.000	48.984	2.0	86	0.00
21 T	trans-1,2-Dichloroethene	50.000	50.070	-0.1	82	0.00
22 T	Diisopropyl ether	50.000	53.009	-6.0	86	0.00
23 T	Vinyl Acetate	250.000	269.010	-7.6	84	0.00
24 P	1,1-Dichloroethane	50.000	50.951	-1.9	83	0.00
25 T	2-Butanone	250.000	256.820	-2.7	81	0.00
26 T	2,2-Dichloropropane	50.000	52.580	-5.2	85	0.00
27 T	cis-1,2-Dichloroethene	50.000	51.026	-2.1	83	0.00
28 T	Bromochloromethane	50.000	47.602	4.8	95	0.00
29 T	Tetrahydrofuran	250.000	251.182	-0.5	81	0.00
30 C	Chloroform	50.000	52.101	-4.2#	87	0.00
31 T	Cyclohexane	50.000	51.124	-2.2	82	0.00
32 T	1,1,1-Trichloroethane	50.000	54.124	-8.2	86	0.00
33 S	1,2-Dichloroethane-d4	50.000	51.083	-2.2	102	0.00
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	88	0.00
35 S	Dibromofluoromethane	50.000	51.681	-3.4	100	0.00
36 T	1,1-Dichloropropene	50.000	54.110	-8.2	86	0.00
37 T	Ethyl Acetate	50.000	51.822	-3.6	83	0.00
38 T	Carbon Tetrachloride	50.000	52.868	-5.7	84	0.00
39 T	Methylcyclohexane	50.000	54.654	-9.3	85	0.00
40 TM	Benzene	50.000	51.062	-2.1	84	0.00
41 T	Methacrylonitrile	50.000	52.392	-4.8	79	0.00
42 TM	1,2-Dichloroethane	50.000	52.893	-5.8	86	0.00
43 T	Isopropyl Acetate	50.000	53.652	-7.3	85	0.00
44 TM	Trichloroethene	50.000	44.677	10.6	83	0.00
45 C	1,2-Dichloropropane	50.000	52.385	-4.8#	85	0.00
46 T	Dibromomethane	50.000	52.962	-5.9	86	0.00
47 T	Bromodichloromethane	50.000	54.550	-9.1	85	0.00
48 T	Methyl methacrylate	50.000	53.544	-7.1	85	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044109.D
 Acq On : 04 Dec 2024 12:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 05 00:21:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	1000.000	911.376	8.9	74	0.00
50 S	Toluene-d8	50.000	50.344	-0.7	99	0.00
51 T	4-Methyl-2-Pentanone	250.000	273.595	-9.4	85	0.00
52 CM	Toluene	50.000	53.731	-7.5#	85	0.00
53 T	t-1,3-Dichloropropene	50.000	55.097	-10.2	84	0.00
54 T	cis-1,3-Dichloropropene	50.000	54.246	-8.5	84	0.00
55 T	1,1,2-Trichloroethane	50.000	51.872	-3.7	85	0.00
56 T	Ethyl methacrylate	50.000	54.755	-9.5	84	0.00
57 T	1,3-Dichloropropane	50.000	52.791	-5.6	86	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	315.913	-26.4#	106	0.00
59 T	2-Hexanone	250.000	278.668	-11.5	84	0.00
60 T	Dibromochloromethane	50.000	53.922	-7.8	83	0.00
61 T	1,2-Dibromoethane	50.000	54.881	-9.8	87	0.00
62 S	4-Bromofluorobenzene	50.000	53.343	-6.7	102	0.00
63 I	Chlorobenzene-d5	50.000	50.000	0.0	85	0.00
64 T	Tetrachloroethene	50.000	53.575	-7.2	86	0.00
65 PM	Chlorobenzene	50.000	51.646	-3.3	84	0.00
66 T	1,1,1,2-Tetrachloroethane	50.000	55.091	-10.2	84	0.00
67 C	Ethyl Benzene	50.000	55.494	-11.0#	87	0.00
68 T	m/p-Xylenes	100.000	108.636	-8.6	84	0.00
69 T	o-Xylene	50.000	55.439	-10.9	84	0.00
70 T	Styrene	50.000	56.492	-13.0	85	0.00
71 P	Bromoform	50.000	48.902	2.2	79	0.00
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	86	0.00
73 T	Isopropylbenzene	50.000	54.021	-8.0	87	0.00
74 T	N-amyl acetate	50.000	56.219	-12.4	86	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.094	-2.2	83	0.00
76 T	1,2,3-Trichloropropane	50.000	53.244	-6.5	85	0.00
77 T	Bromobenzene	50.000	52.223	-4.4	84	0.00
78 T	n-propylbenzene	50.000	55.393	-10.8	86	0.00
79 T	2-Chlorotoluene	50.000	53.346	-6.7	87	0.00
80 T	1,3,5-Trimethylbenzene	50.000	54.718	-9.4	86	0.00
81 T	trans-1,4-Dichloro-2-butene	50.000	50.189	-0.4	78	0.00
82 T	4-Chlorotoluene	50.000	54.548	-9.1	86	0.00
83 T	tert-Butylbenzene	50.000	55.808	-11.6	87	0.00
84 T	1,2,4-Trimethylbenzene	50.000	55.450	-10.9	87	0.00
85 T	sec-Butylbenzene	50.000	56.145	-12.3	87	0.00
86 T	p-Isopropyltoluene	50.000	57.811	-15.6	88	0.00
87 T	1,3-Dichlorobenzene	50.000	53.309	-6.6	86	0.00
88 T	1,4-Dichlorobenzene	50.000	52.078	-4.2	85	0.00
89 T	n-Butylbenzene	50.000	58.576	-17.2	87	0.00
90 T	Hexachloroethane	50.000	52.083	-4.2	80	0.00
91 T	1,2-Dichlorobenzene	50.000	52.365	-4.7	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	56.011	-12.0	89	0.00
93 T	1,2,4-Trichlorobenzene	50.000	52.510	-5.0	82	0.00
94 T	Hexachlorobutadiene	50.000	54.818	-9.6	89	0.00
95 T	Naphthalene	50.000	56.837	-13.7	87	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044109.D
Acq On : 04 Dec 2024 12:12
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC050

Quant Time: Dec 05 00:21:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	50.000	53.817	-7.6	83	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6



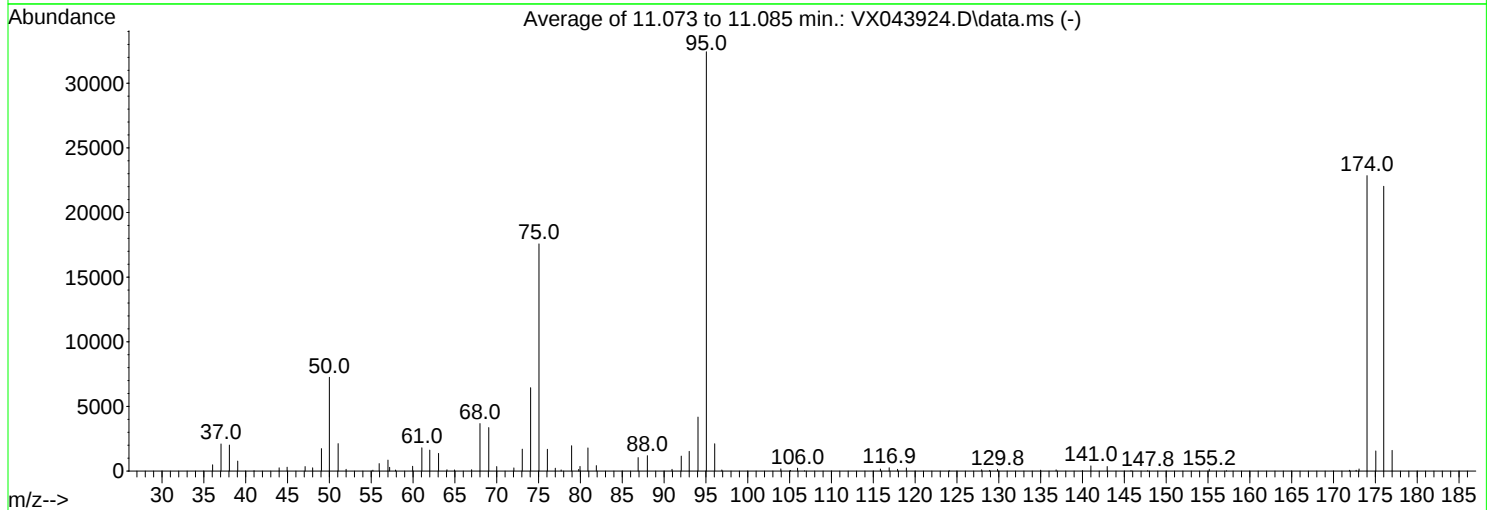
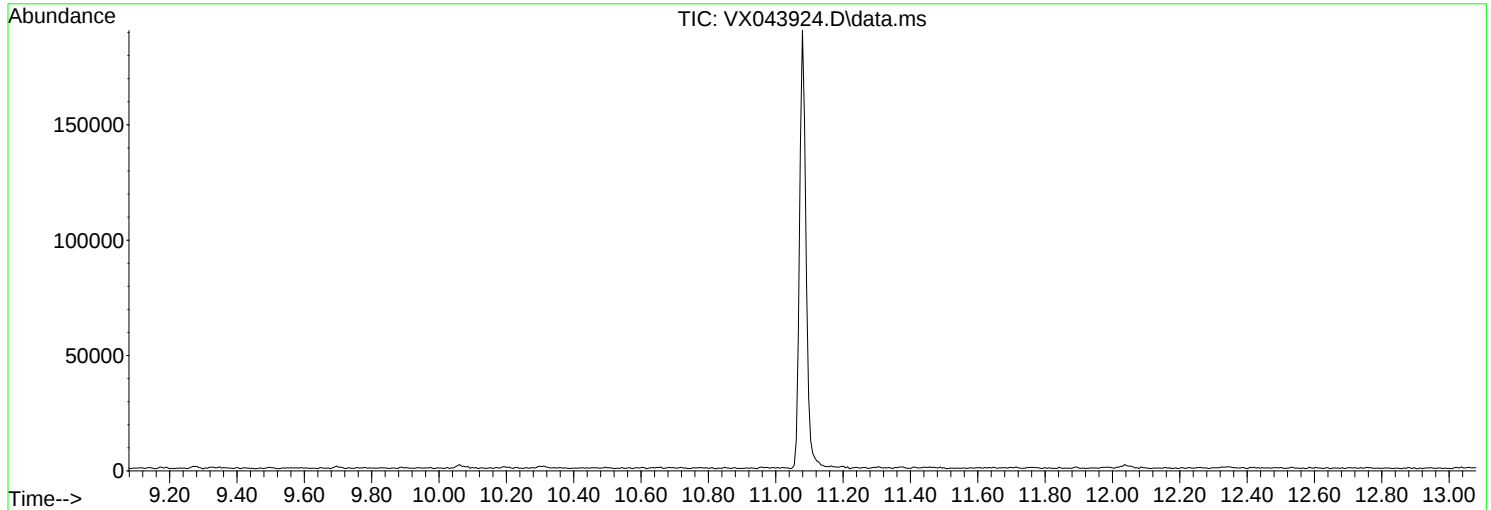
QC SAMPLE DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
Data File : VX043924.D
Acq On : 21 Nov 2024 08:51
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
Title : SW846 8260
Last Update : Fri Nov 22 00:18:05 2024



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

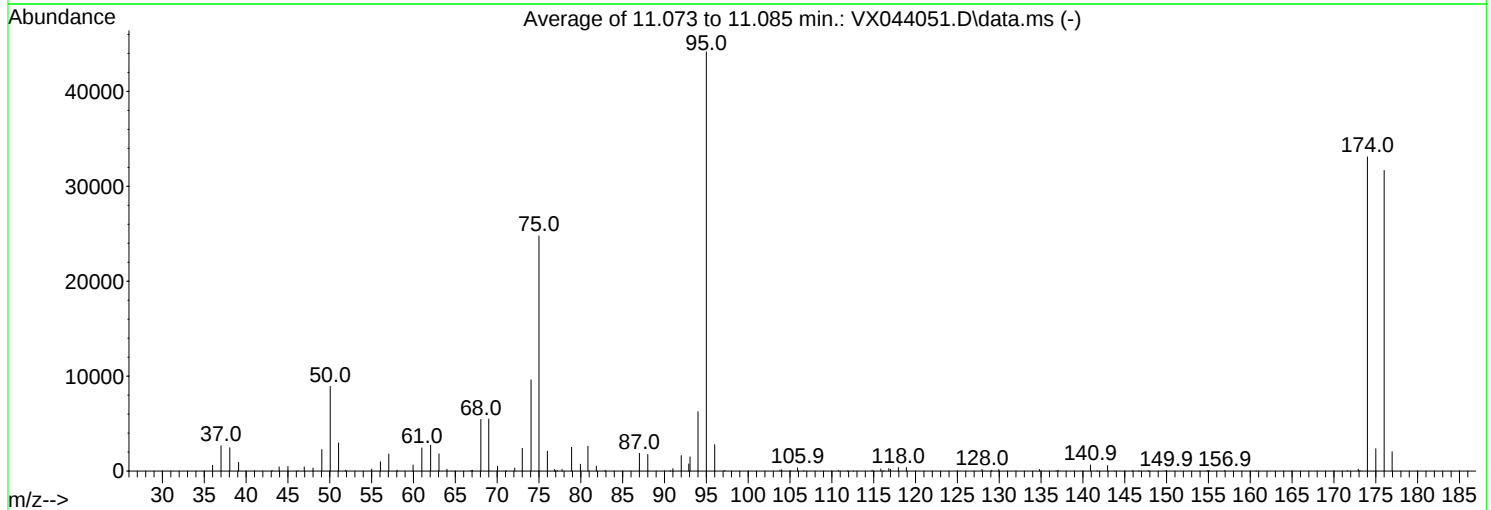
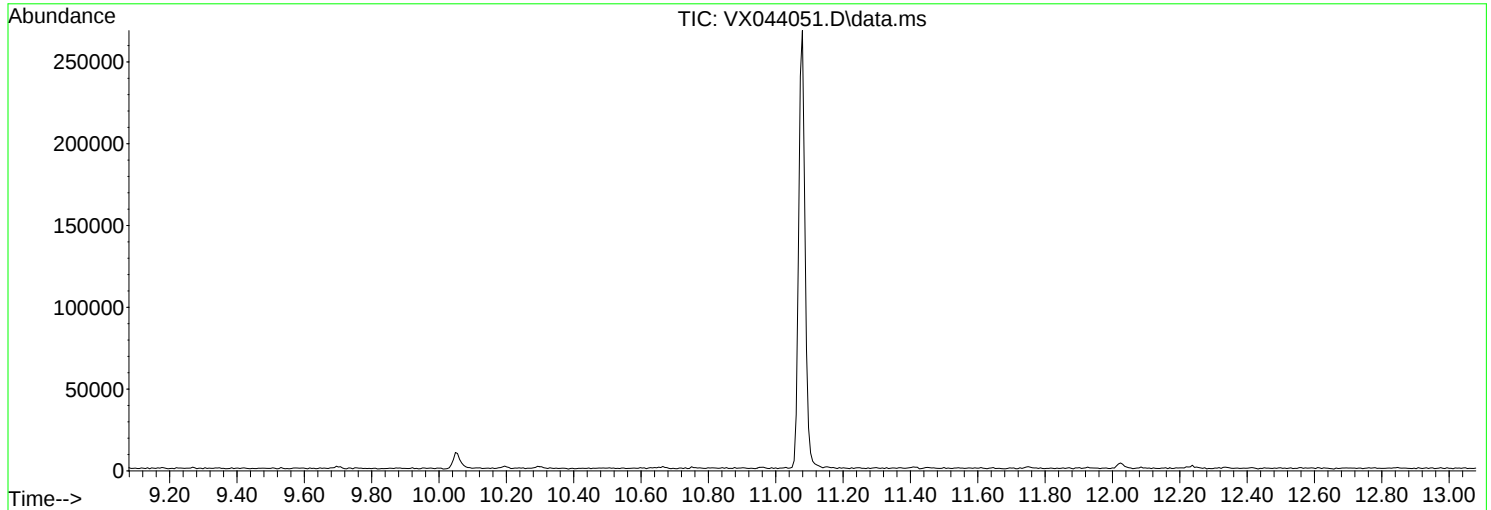
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.4	7254	PASS
75	95	30	60	54.2	17573	PASS
95	95	100	100	100.0	32437	PASS
96	95	5	9	6.5	2112	PASS
173	174	0.00	2	0.7	162	PASS
174	95	50	100	70.5	22853	PASS
175	174	5	9	6.8	1557	PASS
176	174	95	101	96.4	22030	PASS
177	176	5	9	7.3	1600	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044051.D
Acq On : 02 Dec 2024 08:35
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260
Last Update : Fri Nov 22 03:45:52 2024



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1631

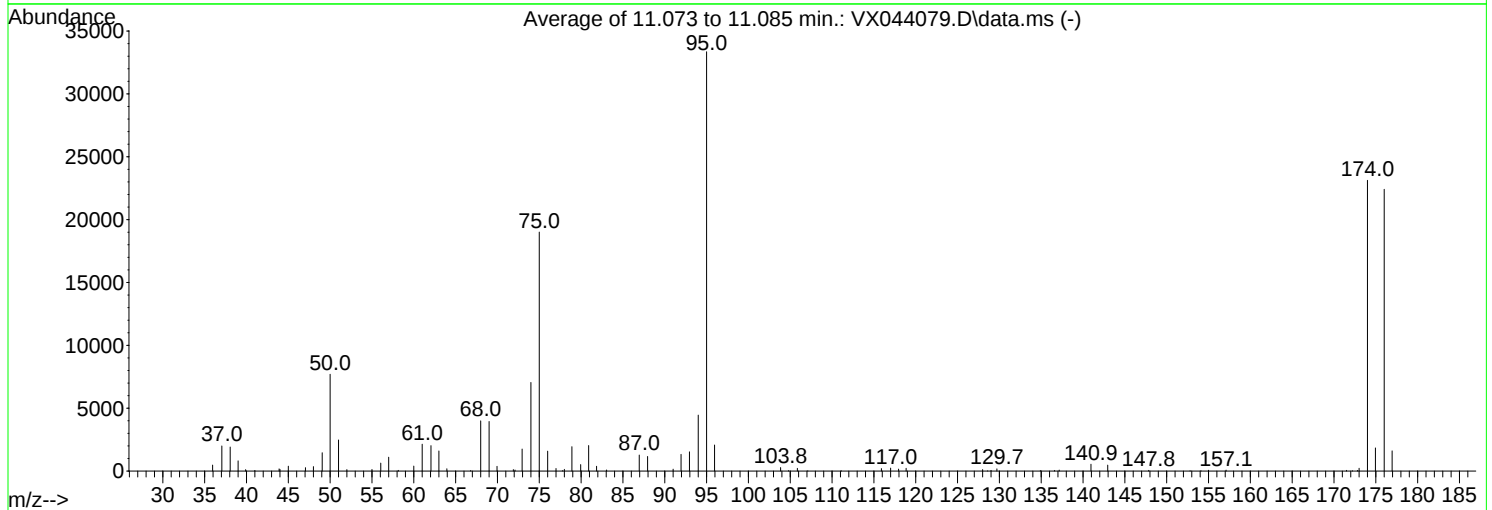
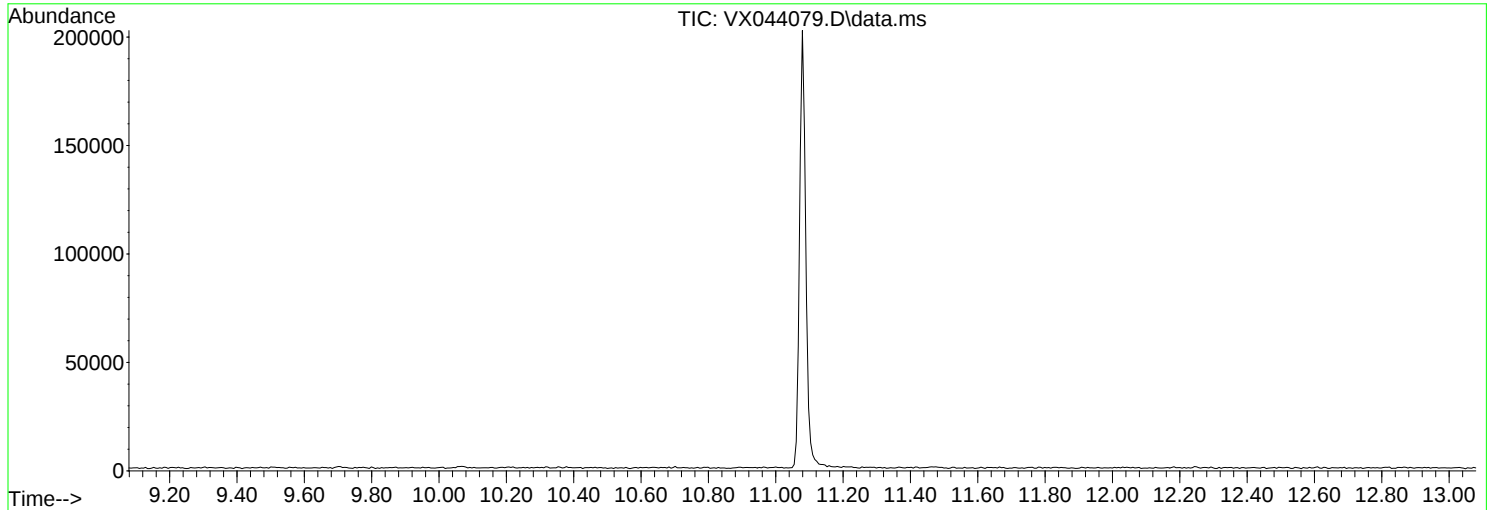
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.2	8923	PASS
75	95	30	60	56.1	24773	PASS
95	95	100	100	100.0	44176	PASS
96	95	5	9	6.3	2787	PASS
173	174	0.00	2	0.6	215	PASS
174	95	50	100	74.9	33096	PASS
175	174	5	9	7.1	2350	PASS
176	174	95	101	95.7	31664	PASS
177	176	5	9	6.4	2039	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044079.D
Acq On : 03 Dec 2024 09:09
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260
Last Update : Fri Nov 22 03:45:52 2024



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

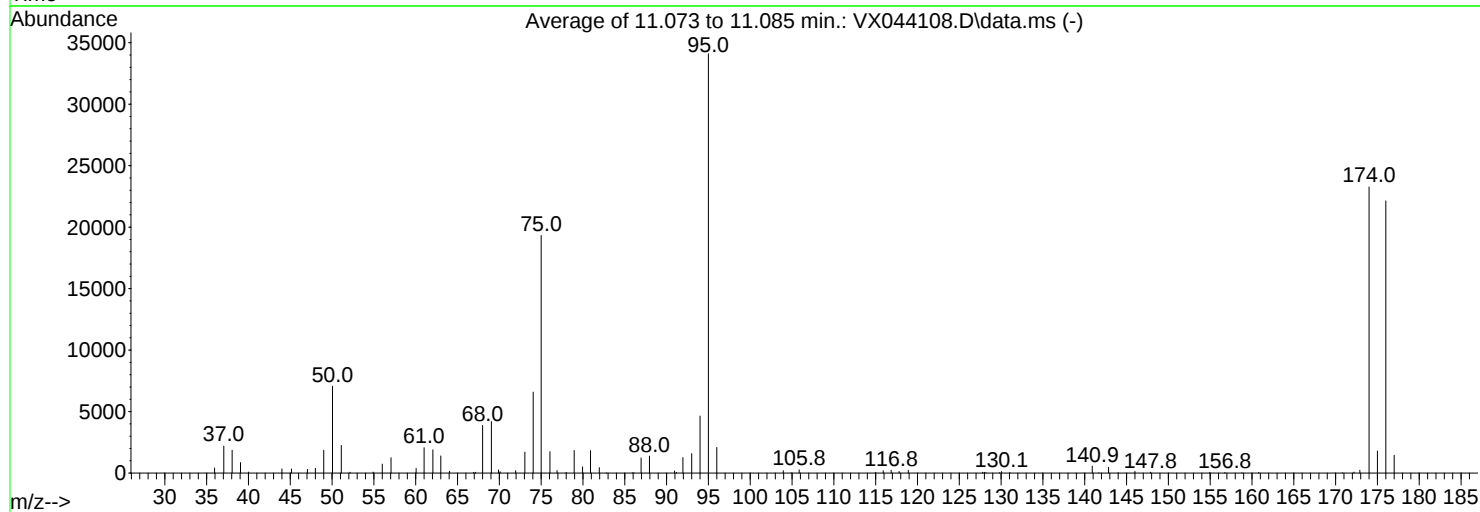
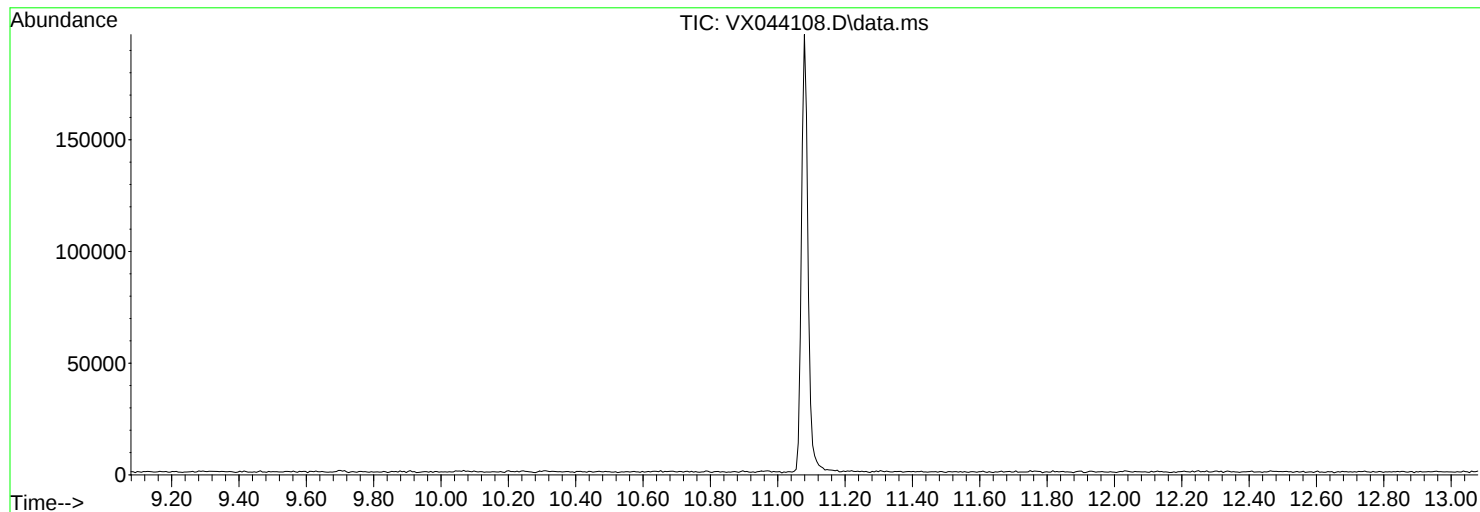
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	23.1	7702	PASS
75	95	30	60	57.0	19010	PASS
95	95	100	100	100.0	33355	PASS
96	95	5	9	6.2	2072	PASS
173	174	0.00	2	1.0	227	PASS
174	95	50	100	69.3	23125	PASS
175	174	5	9	8.0	1841	PASS
176	174	95	101	96.9	22413	PASS
177	176	5	9	7.2	1606	PASS

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044108.D
Acq On : 04 Dec 2024 11:12
Operator : JC/MD
Sample : BFB
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Integration File: RTEINT.P

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260
Last Update : Fri Nov 22 03:45:52 2024



AutoFind: Scans 1638, 1639, 1640; Background Corrected with Scan 1632

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.7	7067	PASS
75	95	30	60	56.7	19328	PASS
95	95	100	100	100.0	34104	PASS
96	95	5	9	6.1	2087	PASS
173	174	0.00	2	1.0	232	PASS
174	95	50	100	68.2	23267	PASS
175	174	5	9	7.7	1801	PASS
176	174	95	101	95.1	22136	PASS
177	176	5	9	6.6	1450	PASS

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1202WBL01		SDG No.:	P5006
Lab Sample ID:	VX1202WBL01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044054.D	1		12/02/24 10:37	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:		
Client Sample ID:	VX1202WBL01		SDG No.:	P5006	
Lab Sample ID:	VX1202WBL01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044054.D	1		12/02/24 10:37	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.6		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	47.3		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.5		70 (77) - 130 (121)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	138000	5.544			
540-36-3	1,4-Difluorobenzene	263000	6.757			
3114-55-4	Chlorobenzene-d5	221000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	93300	12.018			

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	
Client Sample ID:	VX1202WBL01			SDG No.:	P5006
Lab Sample ID:	VX1202WBL01			Matrix:	Water
Analytical Method:	SW8260			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044054.D	1		12/02/24 10:37	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044054.D
 Acq On : 02 Dec 2024 10:37
 Operator : JC/MD
 Sample : VX1202WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBL01

Quant Time: Dec 03 00:13:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	137622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	262897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	221008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	93273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117110	49.613	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.220%
35) Dibromofluoromethane	5.379	113	88908	47.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.647	98	314875	48.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.260%
62) 4-Bromofluorobenzene	11.079	95	102573	46.544	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.080%

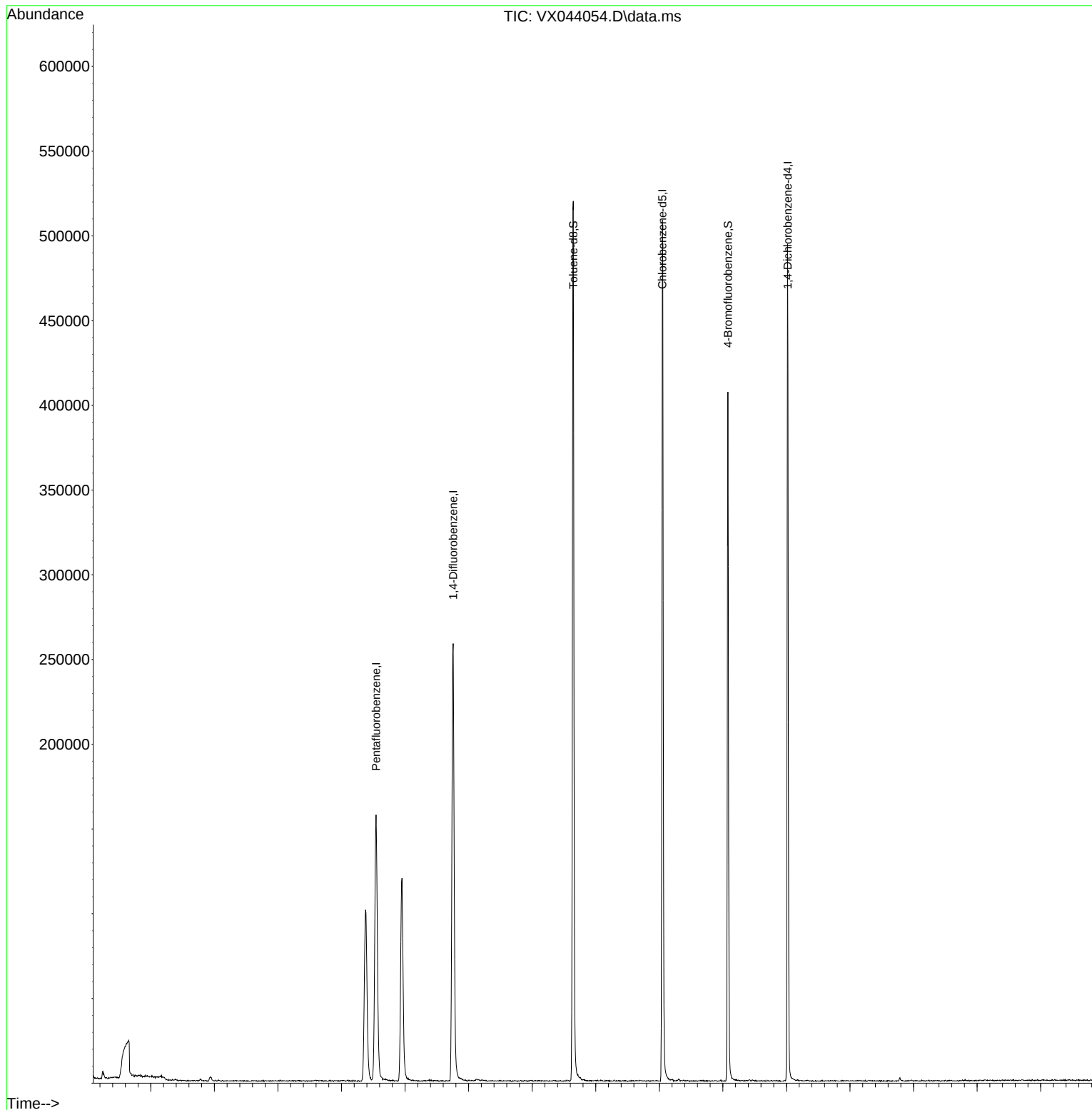
Target Compounds	Qvalue

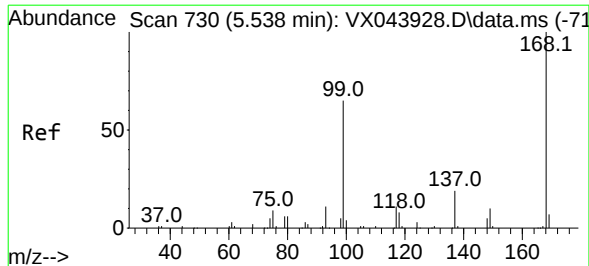
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044054.D
Acq On : 02 Dec 2024 10:37
Operator : JC/MD
Sample : VX1202WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

Quant Time: Dec 03 00:13:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

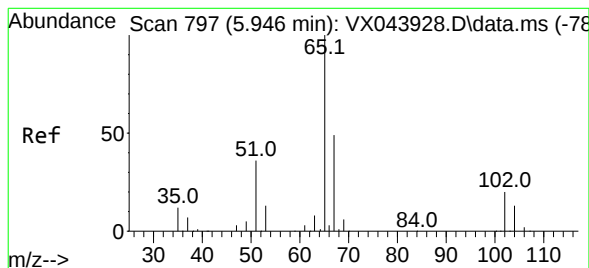
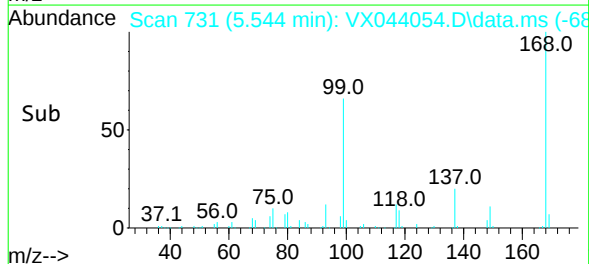
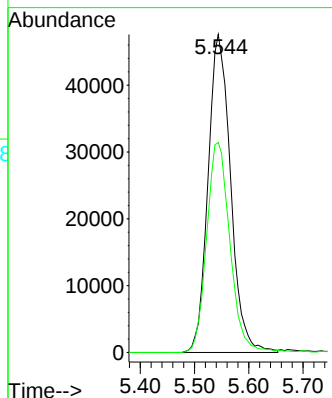
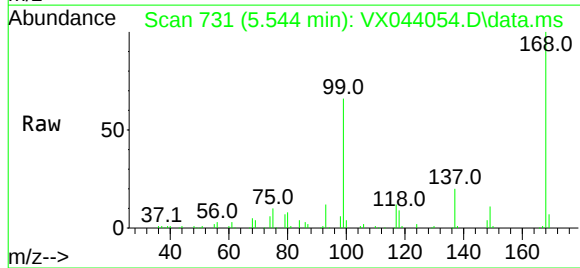




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044054.D
Acq: 02 Dec 2024 10:37

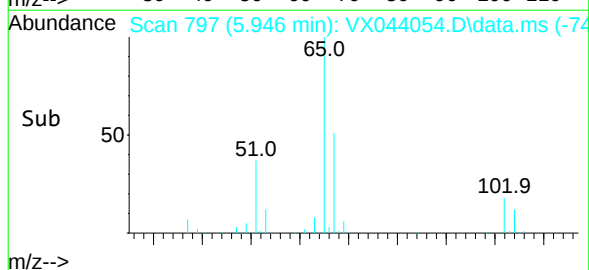
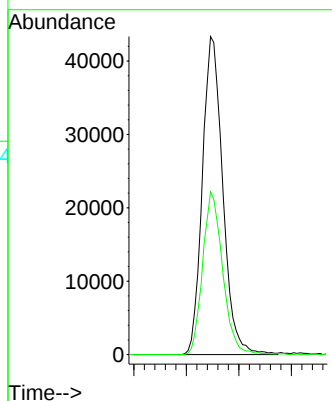
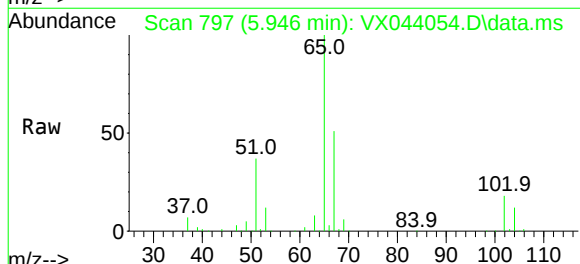
Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

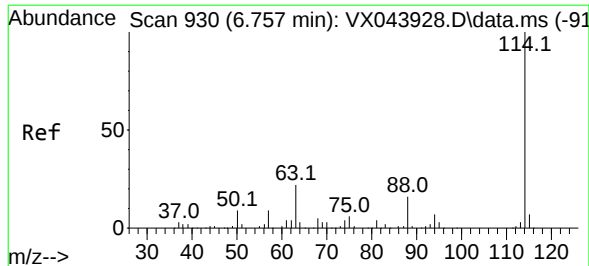
Tgt Ion:168 Resp: 137622
Ion Ratio Lower Upper
168 100
99 66.1 51.8 77.8



#33
1,2-Dichloroethane-d4
Concen: 49.613 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.000 min
Lab File: VX044054.D
Acq: 02 Dec 2024 10:37

Tgt Ion: 65 Resp: 117110
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBL01

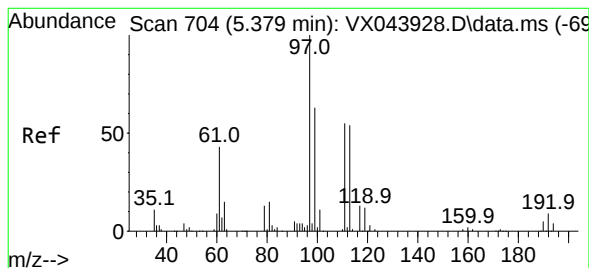
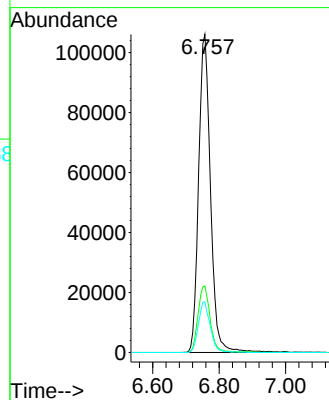
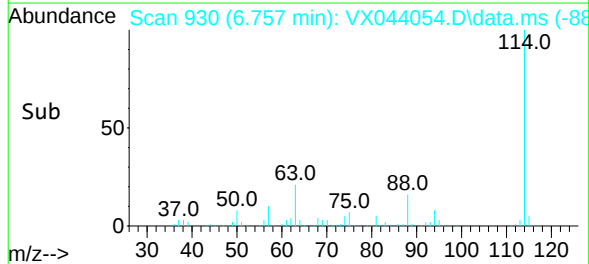
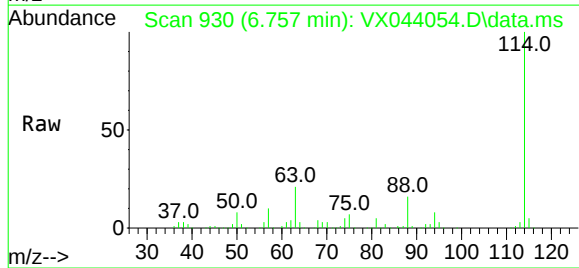
Tgt Ion:114 Resp: 262897

Ion Ratio Lower Upper

114 100

63 20.9 0.0 44.0

88 15.9 0.0 32.4



#35

Dibromofluoromethane

Concen: 47.328 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

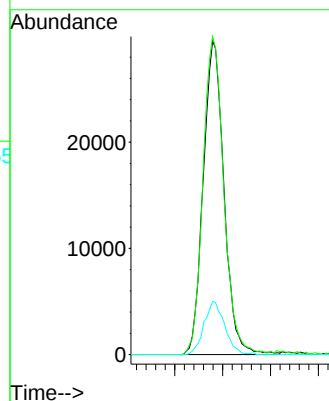
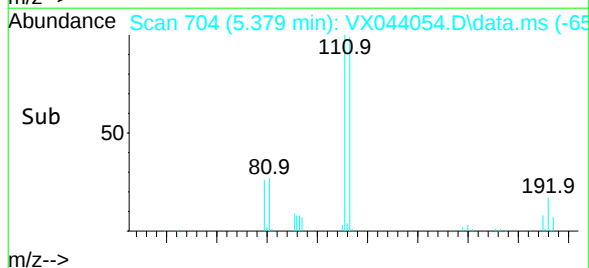
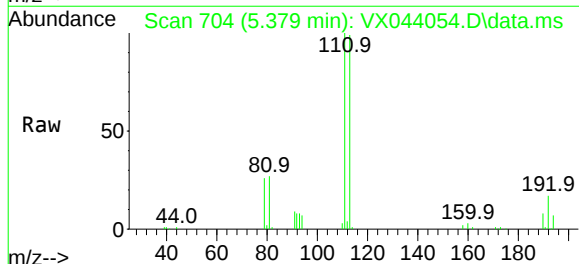
Tgt Ion:113 Resp: 88908

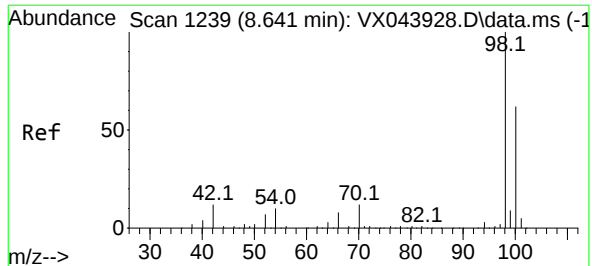
Ion Ratio Lower Upper

113 100

111 101.6 81.0 121.4

192 16.8 13.0 19.6





#50

Toluene-d8

Concen: 48.626 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

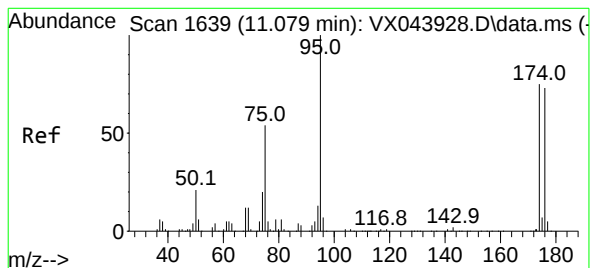
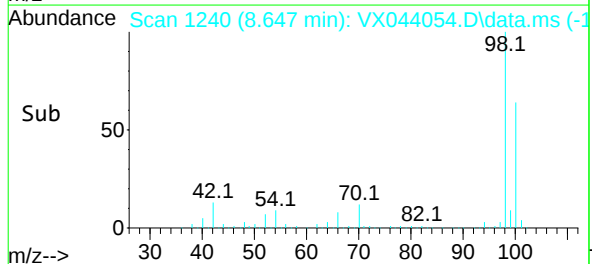
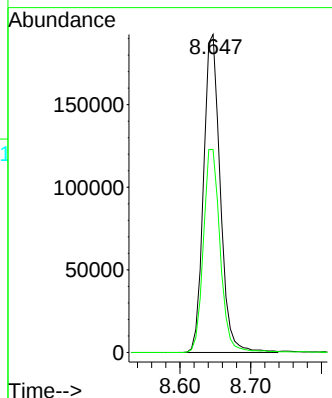
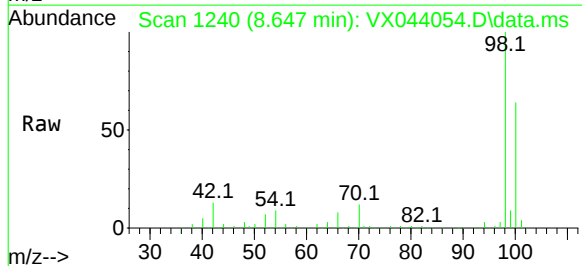
VX1202WBL01

Tgt Ion: 98 Resp: 314875

Ion Ratio Lower Upper

98 100

100 64.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 46.544 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

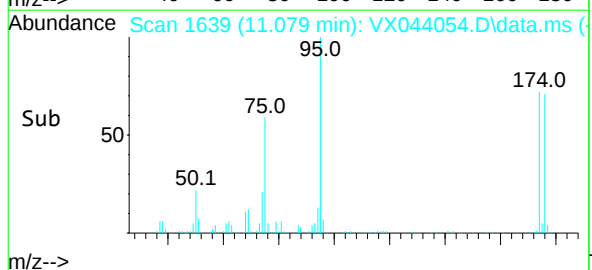
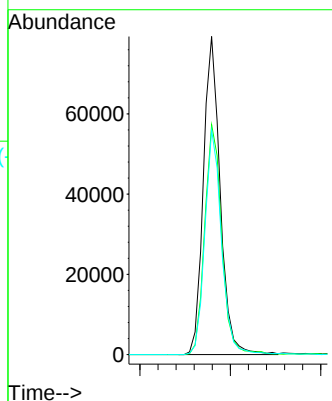
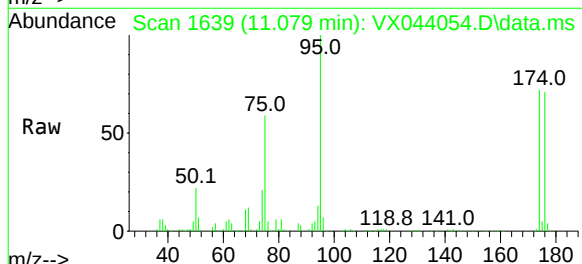
Tgt Ion: 95 Resp: 102573

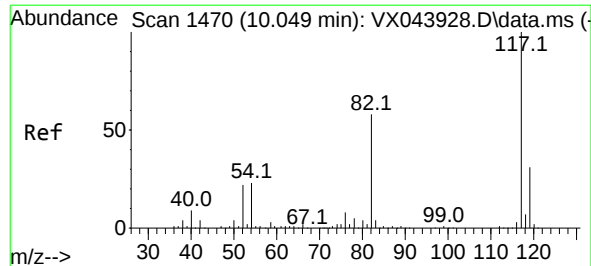
Ion Ratio Lower Upper

95 100

174 73.0 0.0 150.4

176 70.1 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX1202WBL01

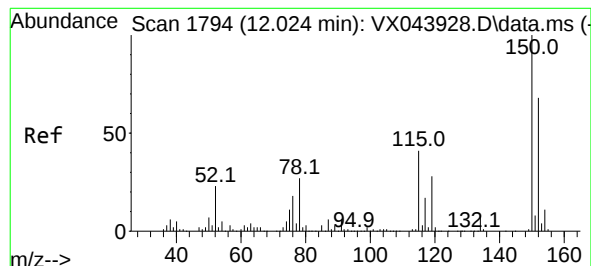
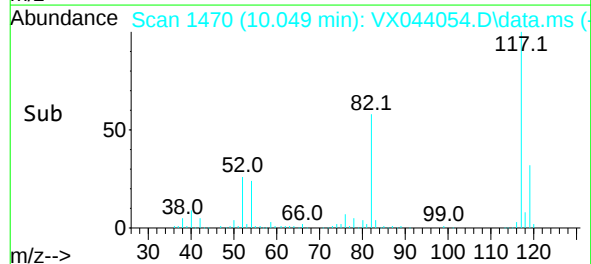
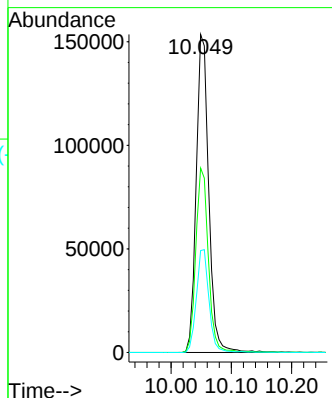
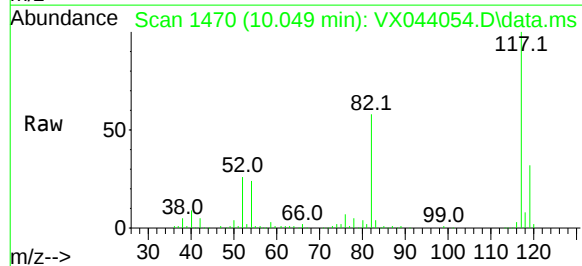
Tgt Ion:117 Resp: 221008

Ion Ratio Lower Upper

117 100

82 58.0 46.4 69.6

119 32.0 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044054.D

Acq: 02 Dec 2024 10:37

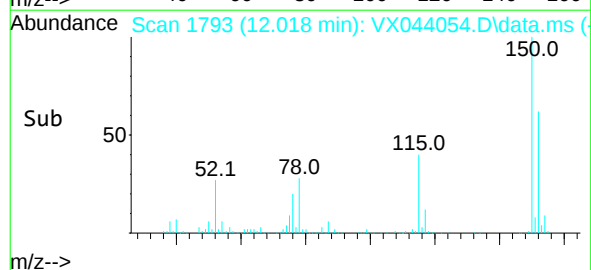
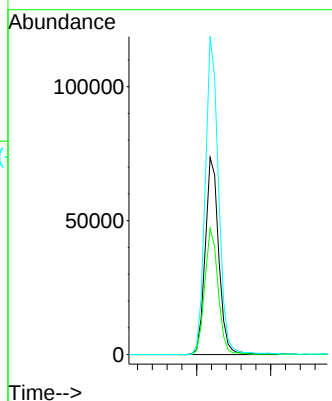
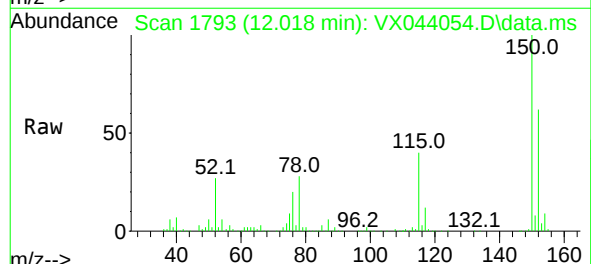
Tgt Ion:152 Resp: 93273

Ion Ratio Lower Upper

152 100

115 63.3 45.4 136.2

150 159.5 0.0 353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044054.D
Acq On : 02 Dec 2024 10:37
Operator : JC/MD
Sample : VX1202WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260

Signal : TIC: VX044054.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.618	68	87	88	rBV3	20307	93804	10.93%	2.059%
2	5.379	693	704	719	rBV2	101144	306305	35.70%	6.723%
3	5.544	719	731	748	rVV	156566	453096	52.81%	9.945%
4	5.952	788	798	813	rBV	119770	321586	37.48%	7.058%
5	6.757	921	930	947	rBV	258172	637587	74.31%	13.994%
6	8.647	1233	1240	1251	rBV	518892	858014	100.00%	18.832%
7	10.049	1465	1470	1485	rBV	508304	734118	85.56%	16.113%
8	11.079	1633	1639	1649	rBV	406753	528466	61.59%	11.599%
9	12.018	1788	1793	1804	rBV	493857	623112	72.62%	13.676%

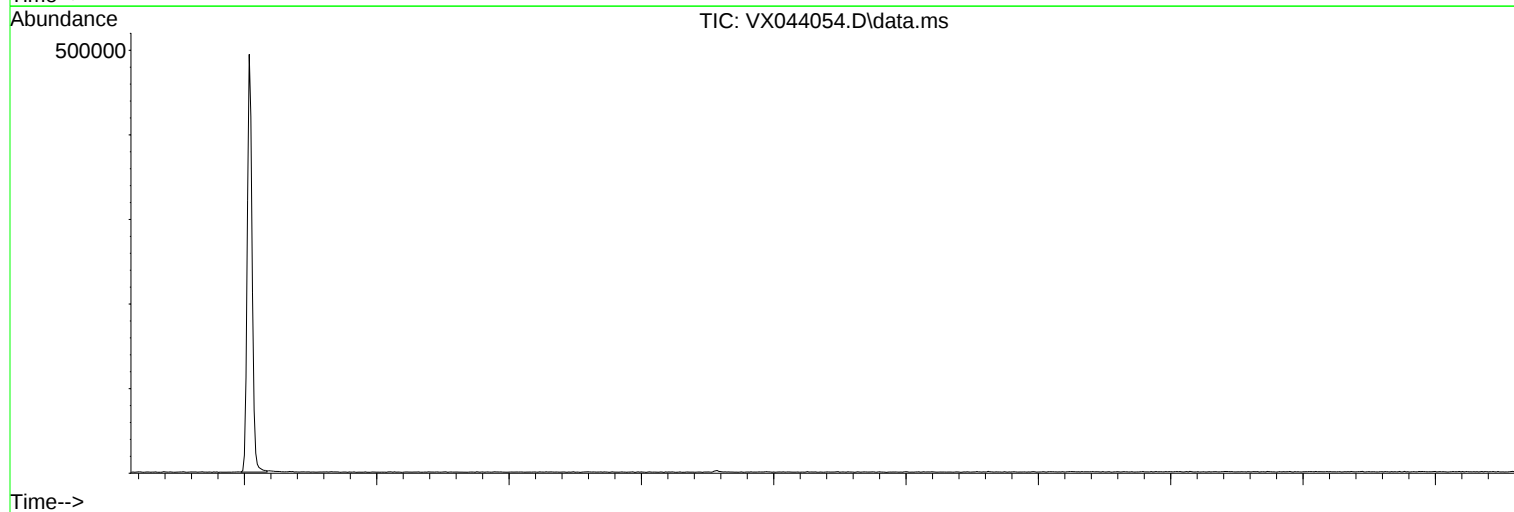
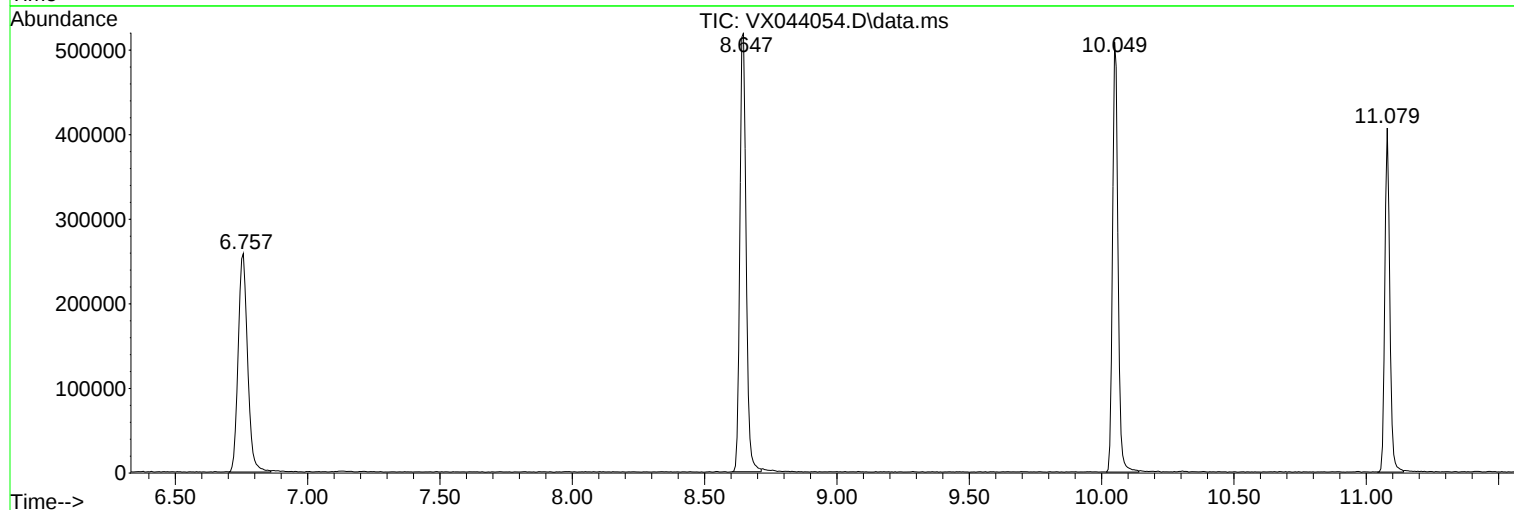
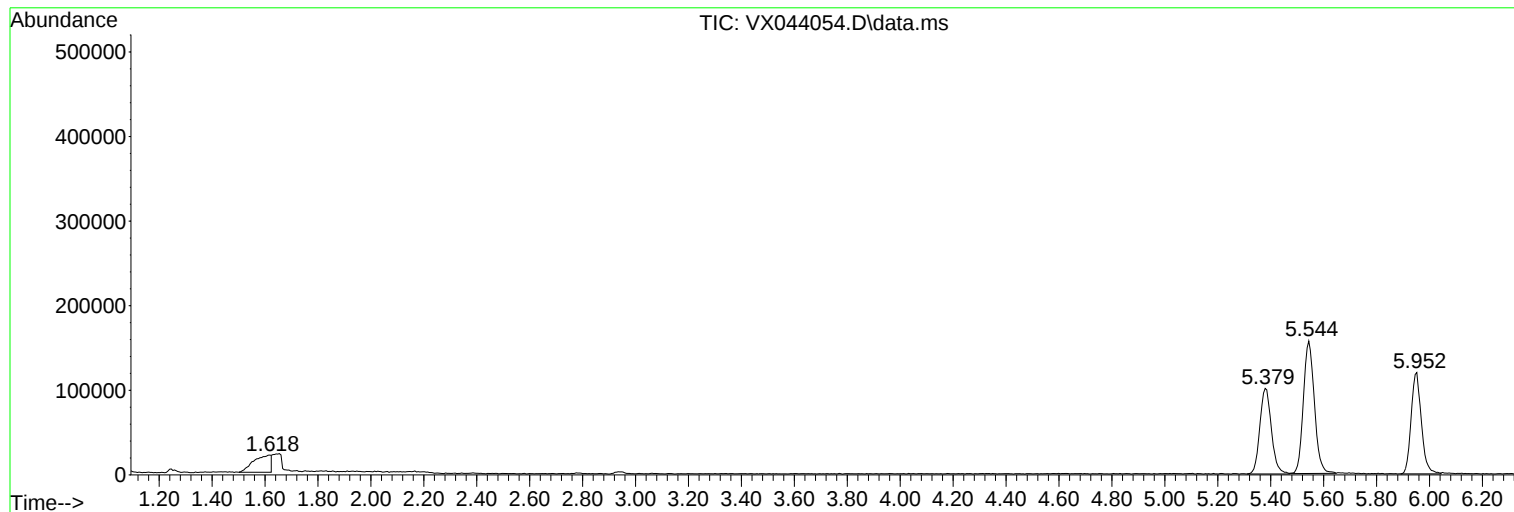
Sum of corrected areas: 4556088

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044054.D
Acq On : 02 Dec 2024 10:37
Operator : JC/MD
Sample : VX1202WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044054.D
Acq On : 02 Dec 2024 10:37
Operator : JC/MD
Sample : VX1202WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044054.D
Acq On : 02 Dec 2024 10:37
Operator : JC/MD
Sample : VX1202WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1203WBL01	SDG No.:	P5006
Lab Sample ID:	VX1203WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044082.D	1		12/03/24 10:34	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1203WBL01		SDG No.:	P5006
Lab Sample ID:	VX1203WBL01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044082.D	1		12/03/24 10:34	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	46.6		70 (75) - 130 (124)	93%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	113000	5.544			
540-36-3	1,4-Difluorobenzene	223000	6.757			
3114-55-4	Chlorobenzene-d5	189000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	79800	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1203WBL01		SDG No.:	P5006
Lab Sample ID:	VX1203WBL01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044082.D	1		12/03/24 10:34	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044082.D
Acq On : 03 Dec 2024 10:34
Operator : JC/MD
Sample : VX1203WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Quant Time: Dec 03 23:38:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	113150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	222913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	189304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79760	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	102003	52.559	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.120%
35) Dibromofluoromethane	5.379	113	74150	46.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.100%
50) Toluene-d8	8.647	98	271717	49.487	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.980%
62) 4-Bromofluorobenzene	11.079	95	92538	49.522	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.040%

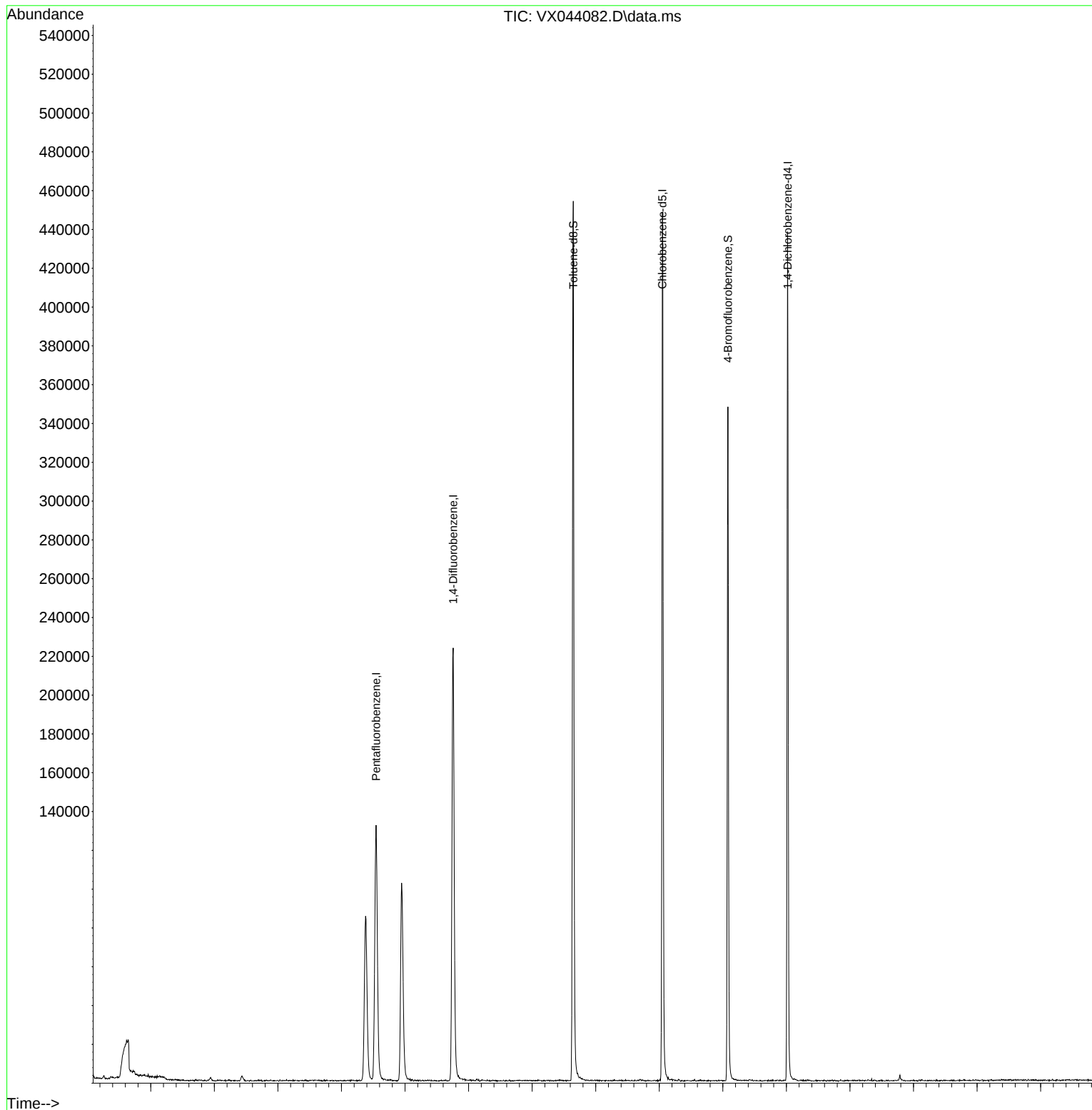
Target Compounds	Qvalue

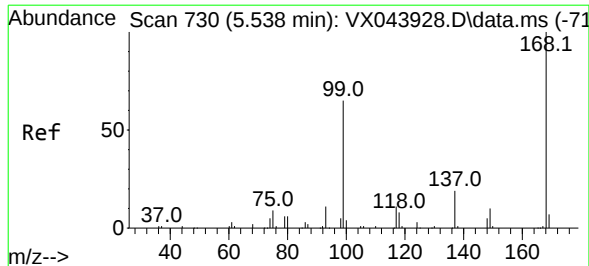
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044082.D
Acq On : 03 Dec 2024 10:34
Operator : JC/MD
Sample : VX1203WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Quant Time: Dec 03 23:38:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.006 min

Lab File: VX044082.D

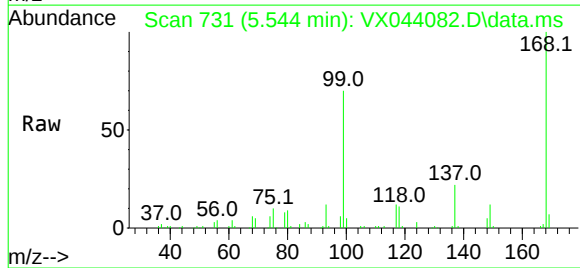
Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBL01

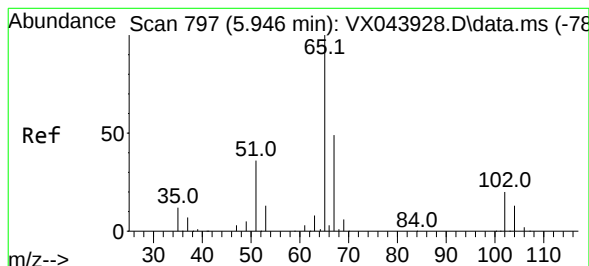
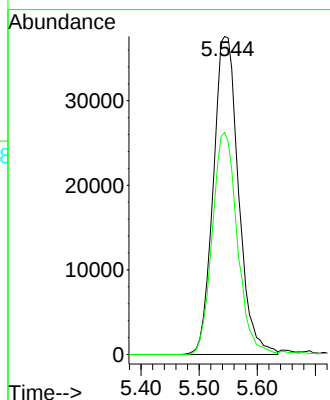
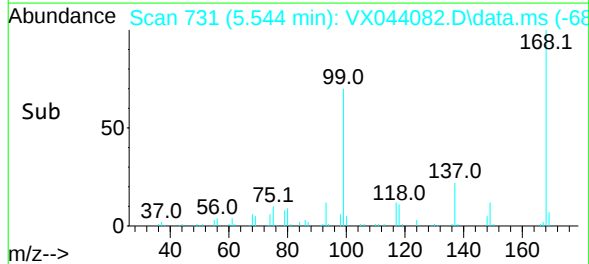


Tgt Ion:168 Resp: 113150

Ion Ratio Lower Upper

168 100

99 69.8 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 52.559 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.000 min

Lab File: VX044082.D

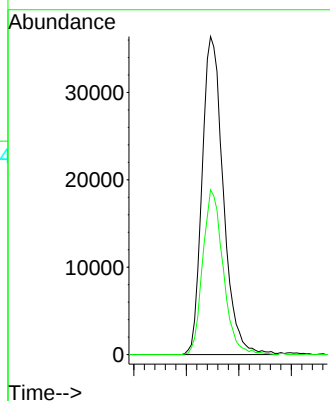
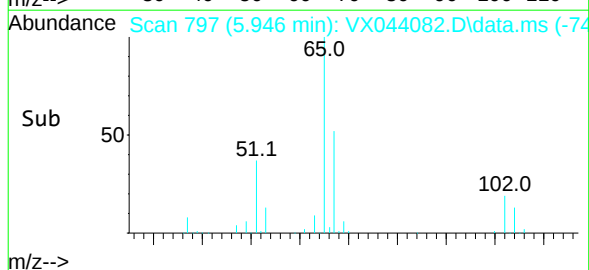
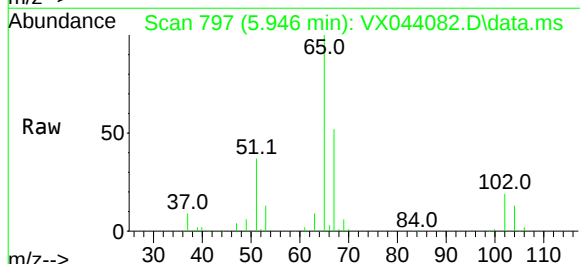
Acq: 03 Dec 2024 10:34

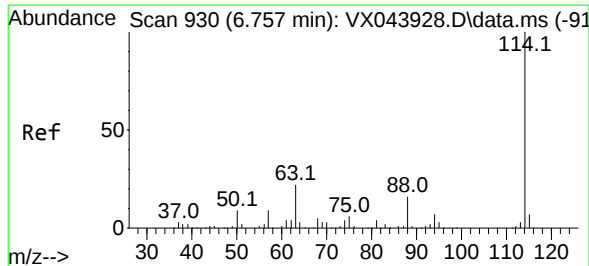
Tgt Ion: 65 Resp: 102003

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044082.D

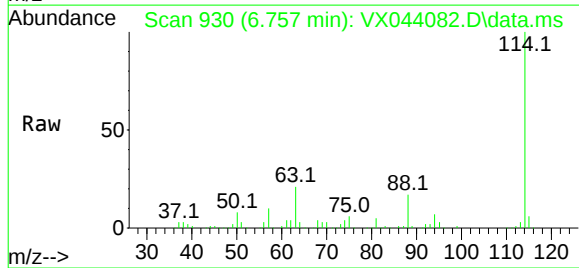
Acq: 03 Dec 2024 10:34

Instrument :

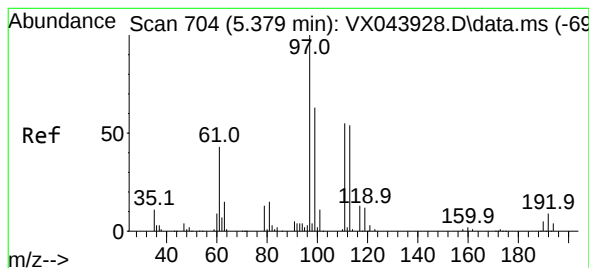
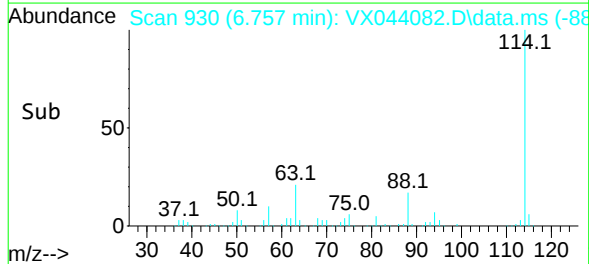
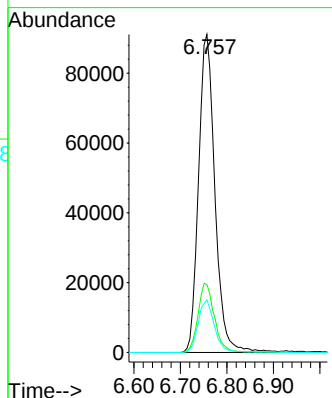
MSVOA_X

ClientSampleId :

VX1203WBL01



Tgt Ion:	114	Resp:	222913
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.0
88	16.6	0.0	32.4



#35

Dibromofluoromethane

Concen: 46.552 ug/l

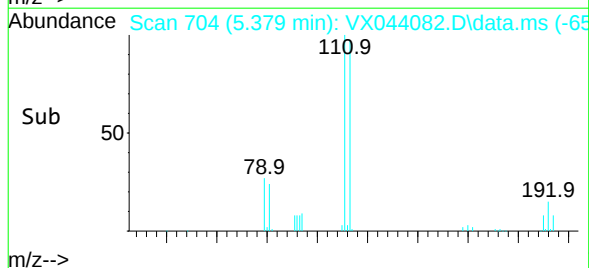
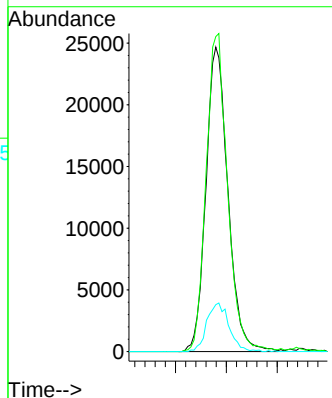
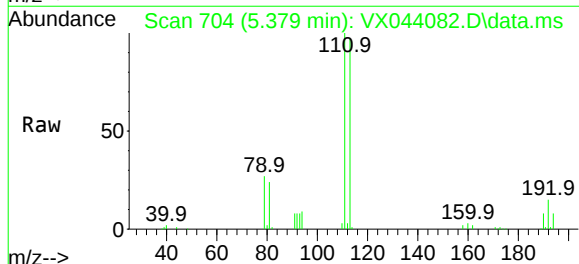
RT: 5.379 min Scan# 704

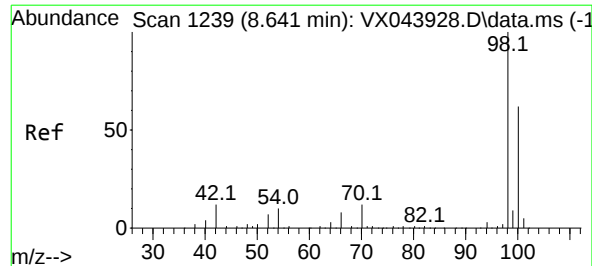
Delta R.T. -0.000 min

Lab File: VX044082.D

Acq: 03 Dec 2024 10:34

Tgt Ion:	113	Resp:	74150
Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.0	121.4
192	16.1	13.0	19.6





#50

Toluene-d8

Concen: 49.487 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044082.D

Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

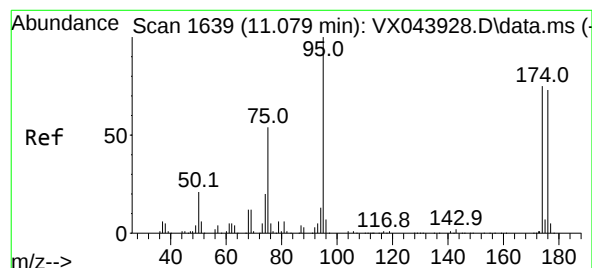
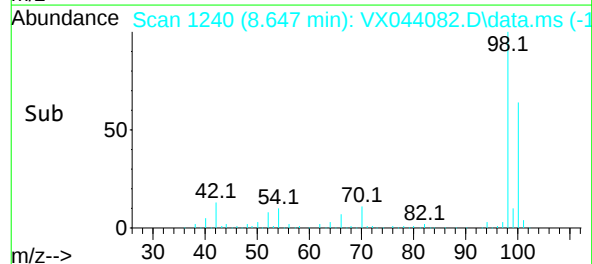
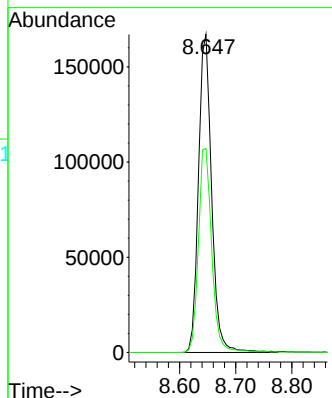
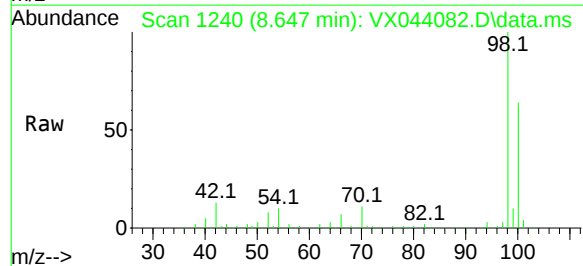
VX1203WBL01

Tgt Ion: 98 Resp: 271717

Ion Ratio Lower Upper

98 100

100 64.9 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 49.522 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044082.D

Acq: 03 Dec 2024 10:34

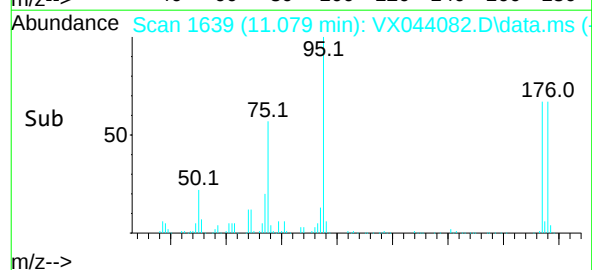
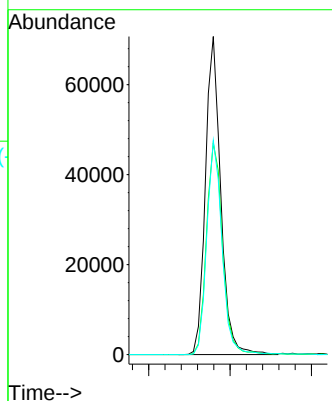
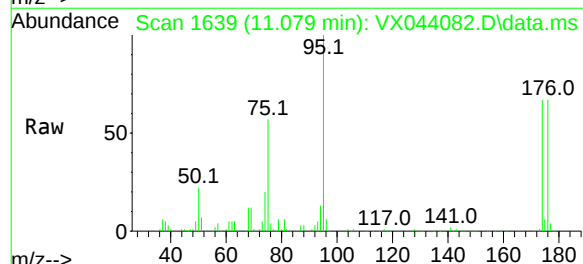
Tgt Ion: 95 Resp: 92538

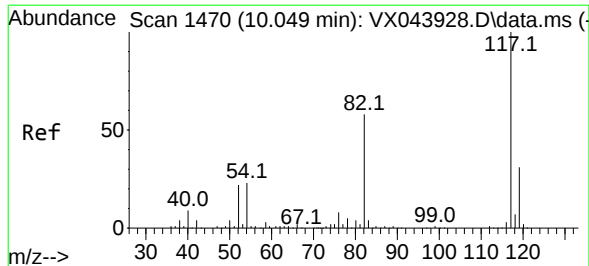
Ion Ratio Lower Upper

95 100

174 69.5 0.0 150.4

176 67.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044082.D

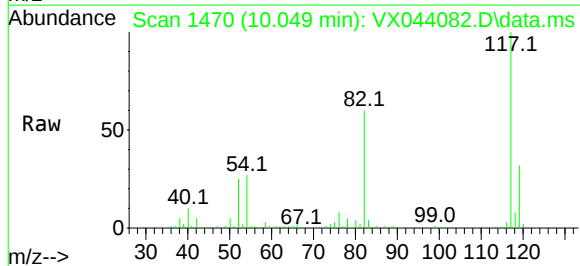
Acq: 03 Dec 2024 10:34

Instrument :

MSVOA_X

ClientSampleId :

VX1203WBL01



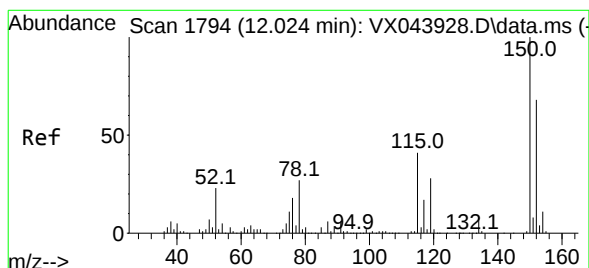
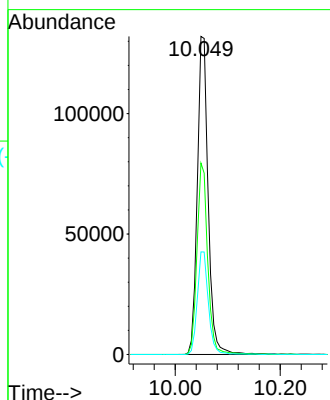
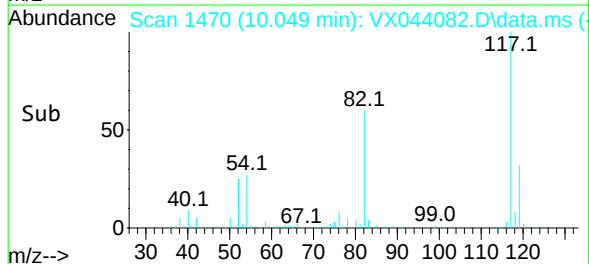
Tgt Ion:117 Resp: 189304

Ion Ratio Lower Upper

117 100

82 60.2 46.4 69.6

119 32.3 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX044082.D

Acq: 03 Dec 2024 10:34

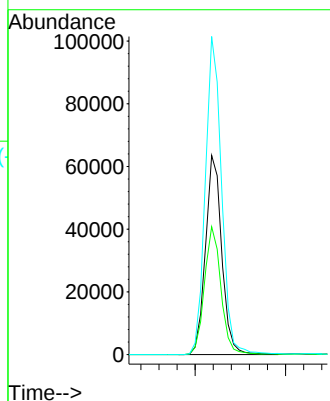
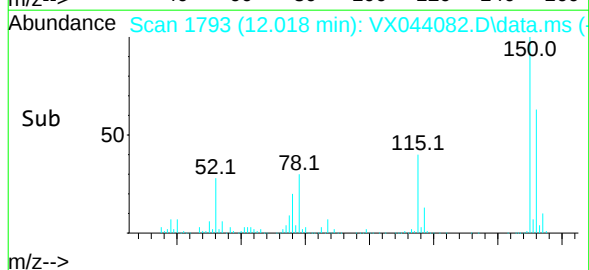
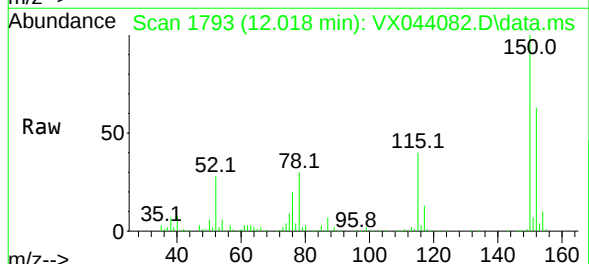
Tgt Ion:152 Resp: 79760

Ion Ratio Lower Upper

152 100

115 65.1 45.4 136.2

150 159.3 0.0 353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044082.D
Acq On : 03 Dec 2024 10:34
Operator : JC/MD
Sample : VX1203WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M

Title : SW846 8260

Signal : TIC: VX044082.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.605	67	85	86	rBV3	17356	69376	9.37%	1.771%
2	5.379	693	704	719	rBV	84657	252074	34.04%	6.436%
3	5.544	721	731	746	rVV	130906	376810	50.88%	9.621%
4	5.946	787	797	812	rBV	101893	280116	37.82%	7.152%
5	6.757	919	930	949	rBV	223112	550746	74.37%	14.061%
6	8.647	1233	1240	1250	rBV	453323	740568	100.00%	18.908%
7	10.049	1465	1470	1484	rBV	447448	636509	85.95%	16.251%
8	11.079	1634	1639	1650	rBV	347264	462096	62.40%	11.798%
9	12.018	1788	1793	1803	rBV	437491	548445	74.06%	14.003%

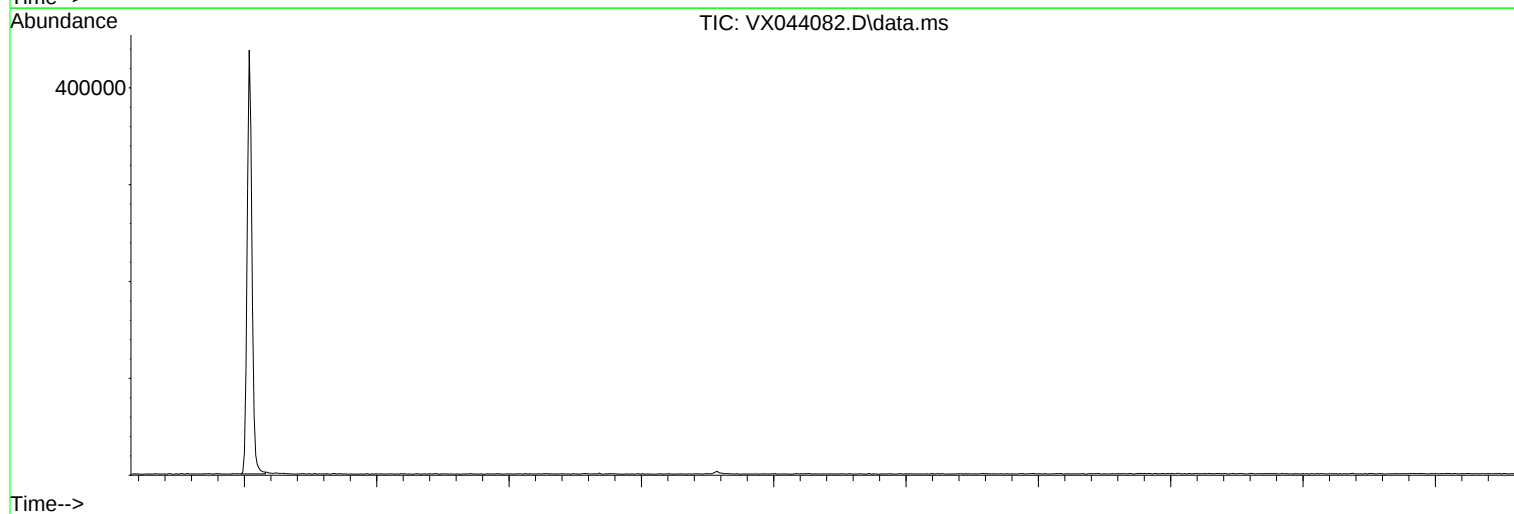
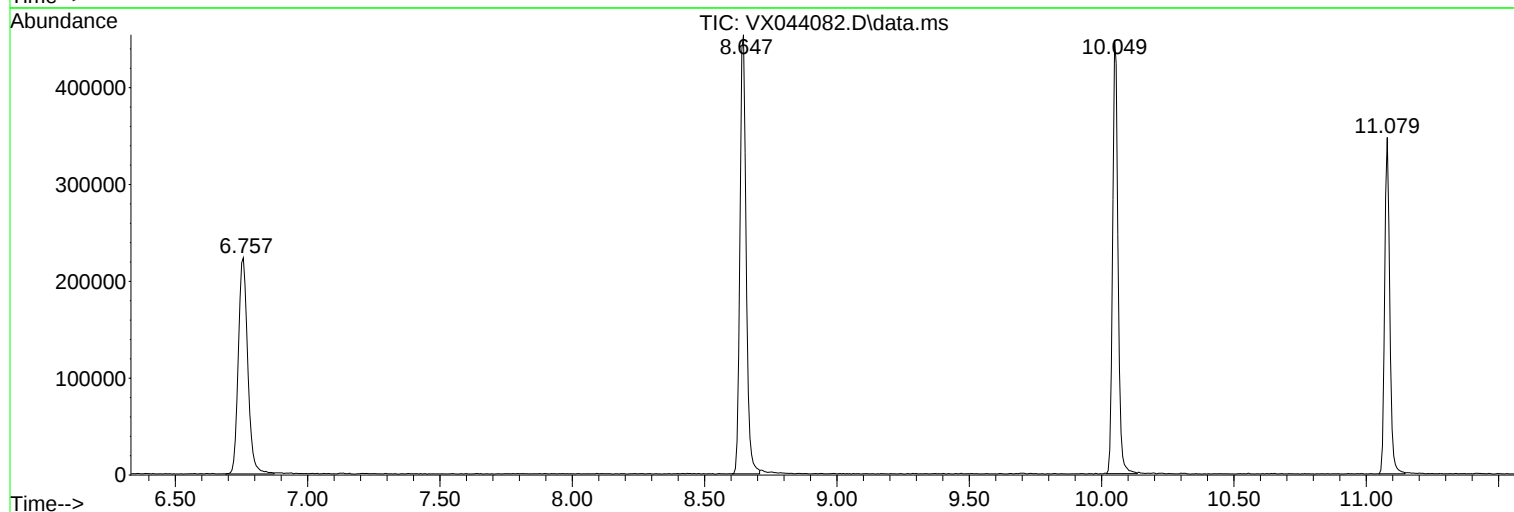
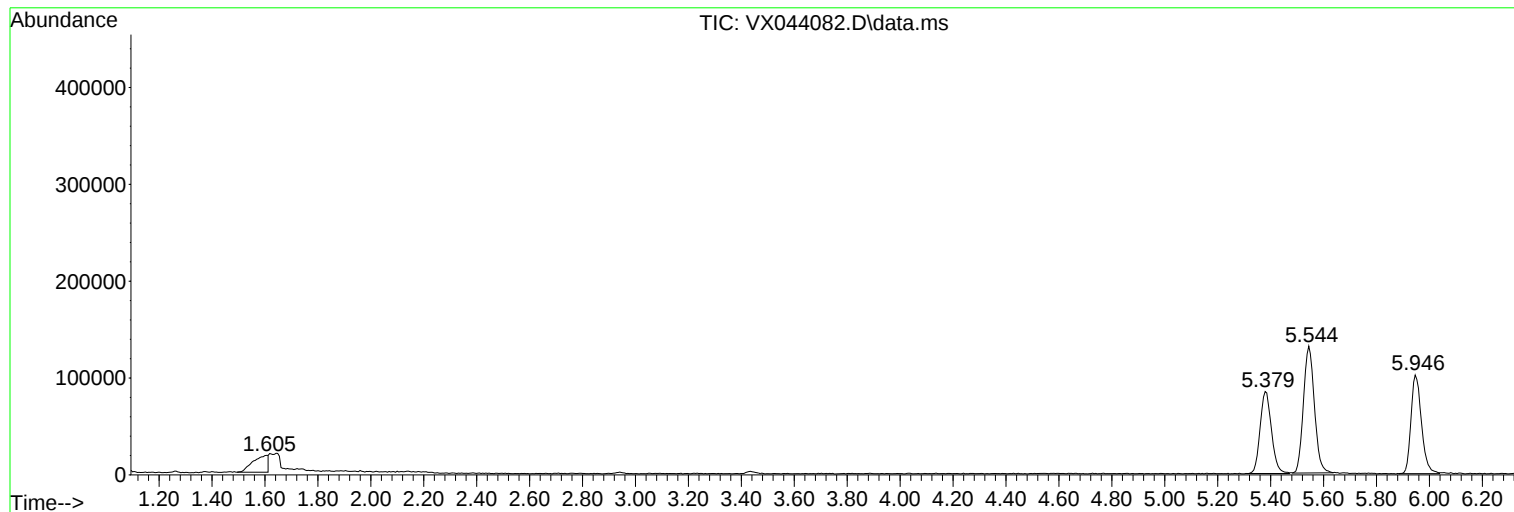
Sum of corrected areas: 3916740

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044082.D
Acq On : 03 Dec 2024 10:34
Operator : JC/MD
Sample : VX1203WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044082.D
Acq On : 03 Dec 2024 10:34
Operator : JC/MD
Sample : VX1203WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044082.D
Acq On : 03 Dec 2024 10:34
Operator : JC/MD
Sample : VX1203WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--
				#	RT Resp Conc

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1204WBL01		SDG No.:	P5006
Lab Sample ID:	VX1204WBL01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044111.D	1		12/04/24 12:58	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:		
Client Sample ID:	VX1204WBL01		SDG No.:	P5006	
Lab Sample ID:	VX1204WBL01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044111.D	1		12/04/24 12:58	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	46.1		70 (75) - 130 (124)	92%	SPK: 50
2037-26-5	Toluene-d8	49.2		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114000	5.55			
540-36-3	1,4-Difluorobenzene	220000	6.757			
3114-55-4	Chlorobenzene-d5	189000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	77700	12.024			

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	
Client Sample ID:	VX1204WBL01			SDG No.:	P5006
Lab Sample ID:	VX1204WBL01			Matrix:	Water
Analytical Method:	SW8260			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044111.D	1		12/04/24 12:58	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044111.D
Acq On : 04 Dec 2024 12:58
Operator : JC/MD
Sample : VX1204WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

Quant Time: Dec 05 00:23:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	113722	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	219894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	188758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77704	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	101536	52.056	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.120%
35) Dibromofluoromethane	5.385	113	72469	46.122	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.240%
50) Toluene-d8	8.647	98	266552	49.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	11.079	95	89747	48.688	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.380%

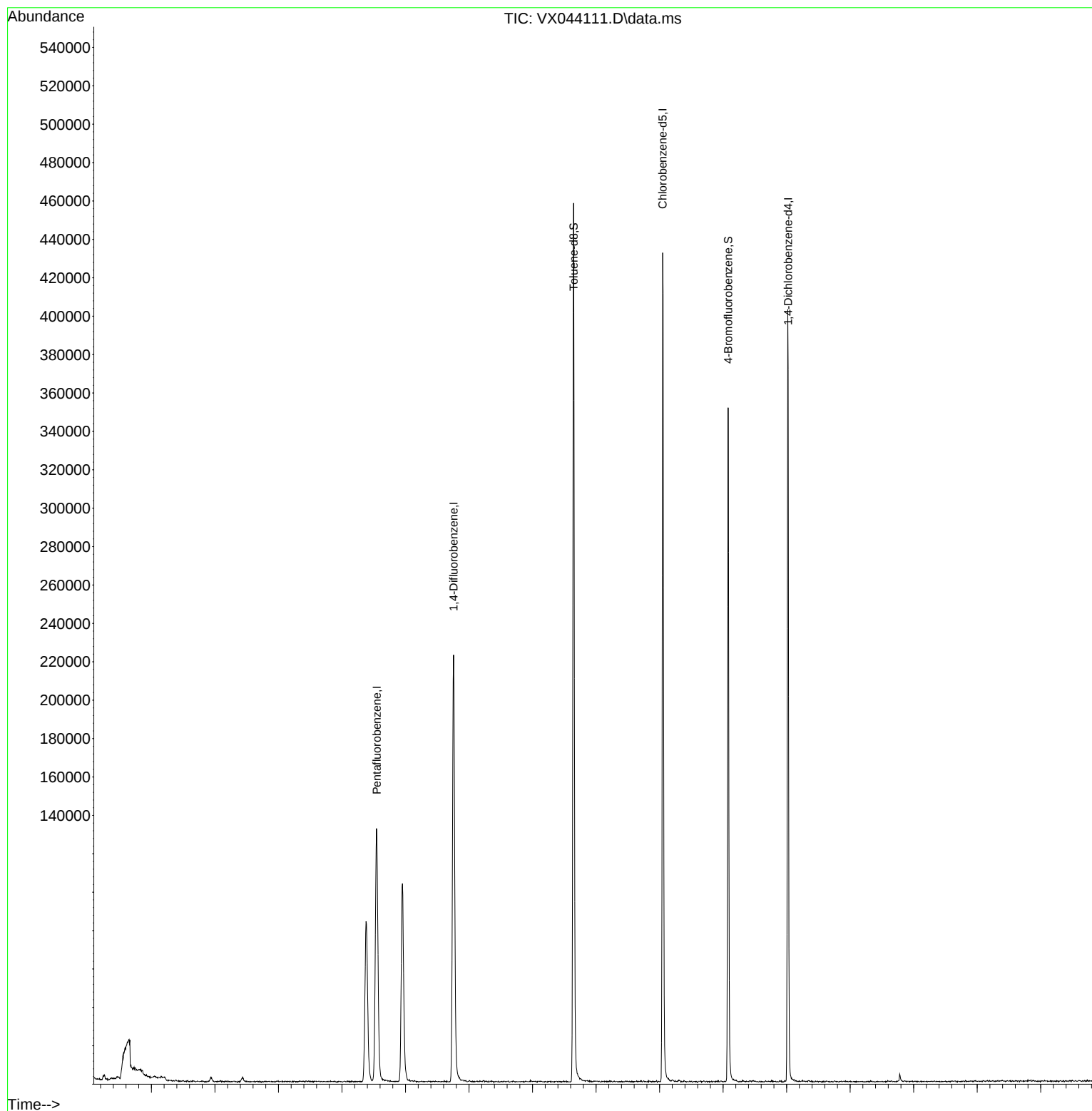
Target Compounds	Qvalue

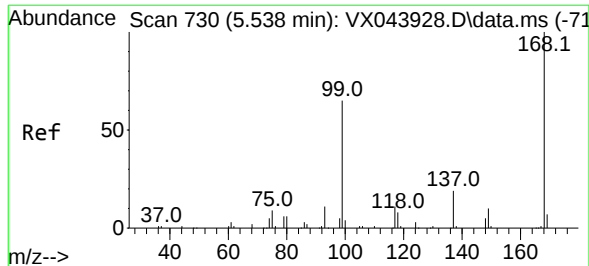
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044111.D
Acq On : 04 Dec 2024 12:58
Operator : JC/MD
Sample : VX1204WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

Quant Time: Dec 05 00:23:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 73

Delta R.T. 0.012 min

Lab File: VX044111.D

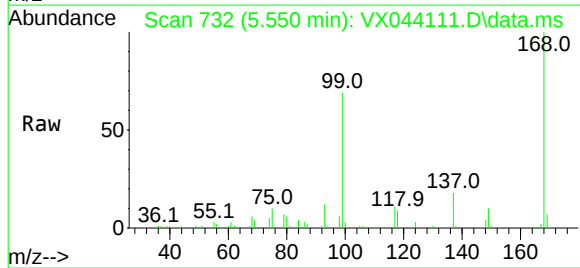
Acq: 04 Dec 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBL01

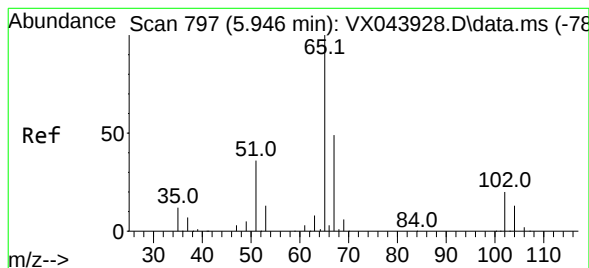
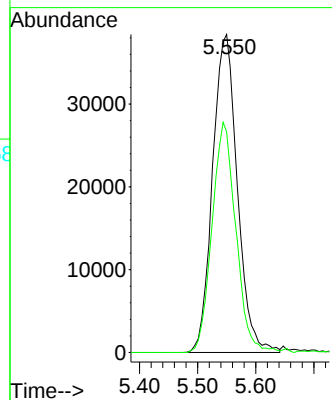
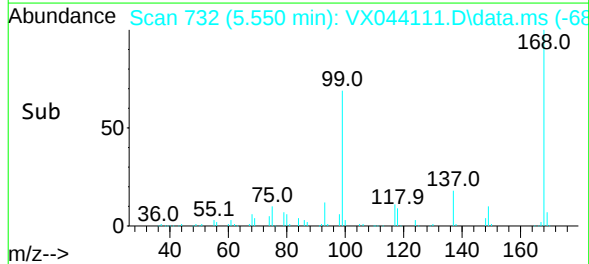


Tgt Ion:168 Resp: 113722

Ion Ratio Lower Upper

168 100

99 69.3 51.8 77.8



#33

1,2-Dichloroethane-d4

Concen: 52.056 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044111.D

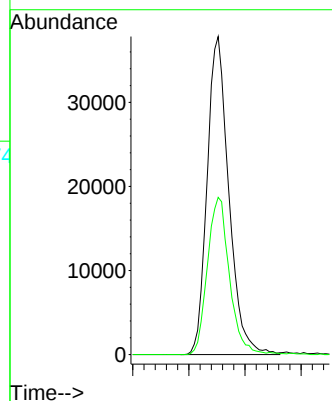
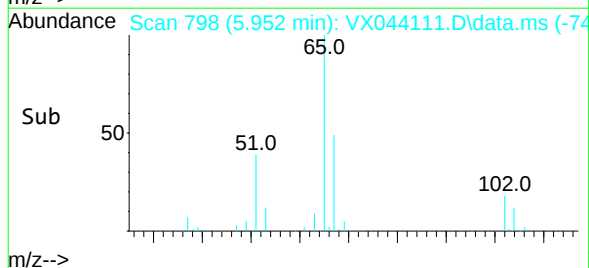
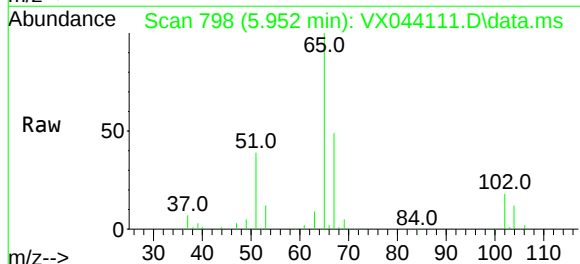
Acq: 04 Dec 2024 12:58

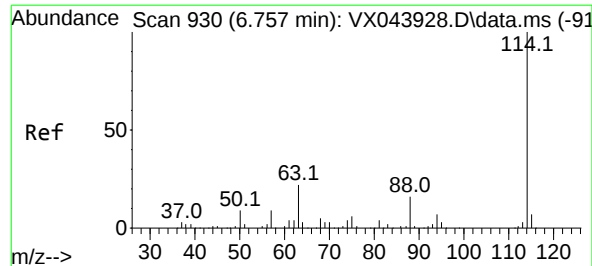
Tgt Ion: 65 Resp: 101536

Ion Ratio Lower Upper

65 100

67 49.9 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 93

Delta R.T. -0.000 min

Lab File: VX044111.D

Acq: 04 Dec 2024 12:58

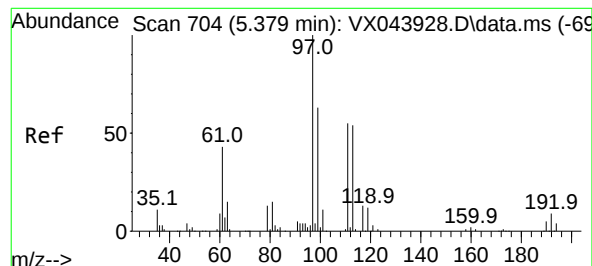
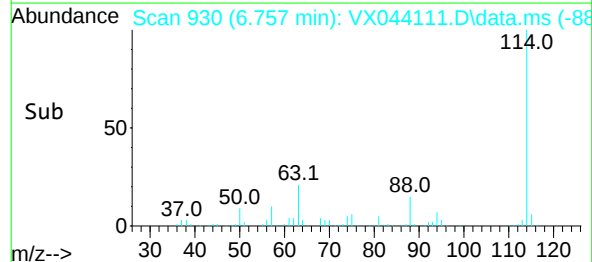
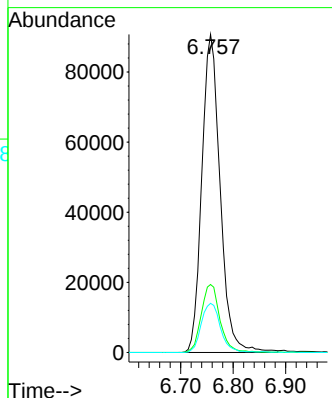
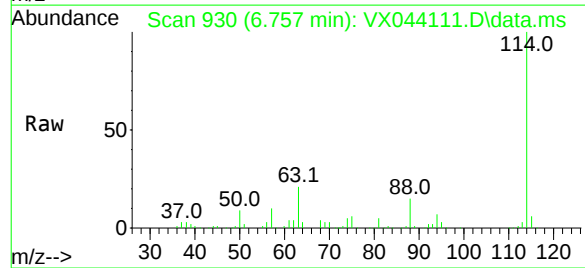
Instrument :

MSVOA_X

ClientSampleId :

VX1204WBL01

Tgt Ion:	114	Resp:	219894
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.0
88	15.5	0.0	32.4



#35

Dibromofluoromethane

Concen: 46.122 ug/l

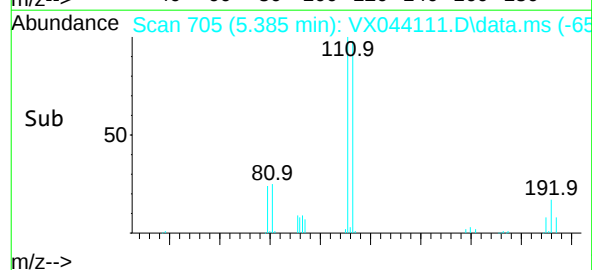
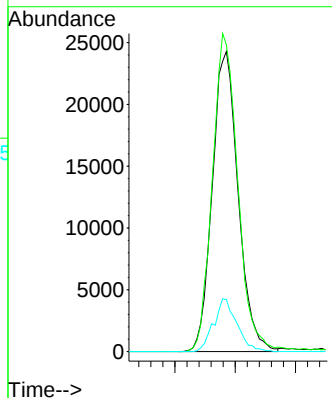
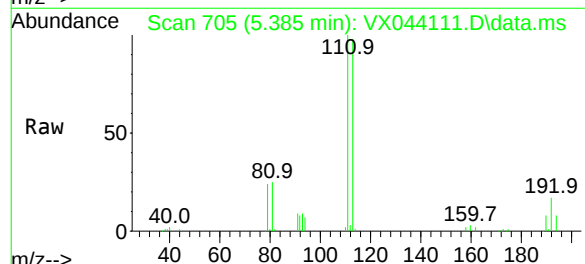
RT: 5.385 min Scan# 705

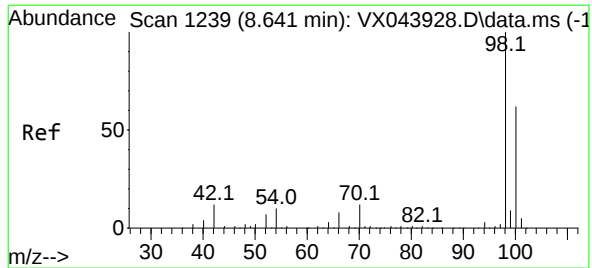
Delta R.T. 0.006 min

Lab File: VX044111.D

Acq: 04 Dec 2024 12:58

Tgt Ion:	113	Resp:	72469
Ion	Ratio	Lower	Upper
113	100		
111	104.3	81.0	121.4
192	15.8	13.0	19.6





#50

Toluene-d8

Concen: 49.213 ug/l

RT: 8.647 min Scan# 12

Delta R.T. 0.006 min

Lab File: VX044111.D

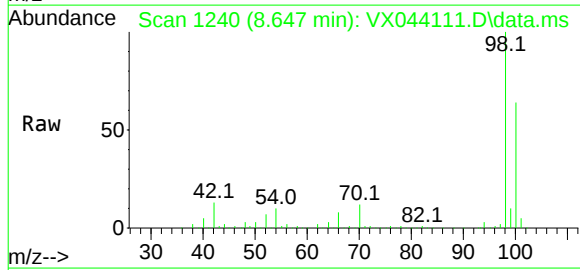
Acq: 04 Dec 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBL01

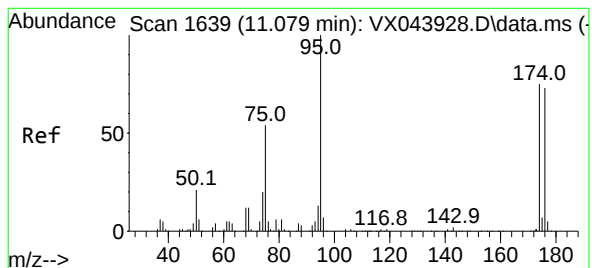
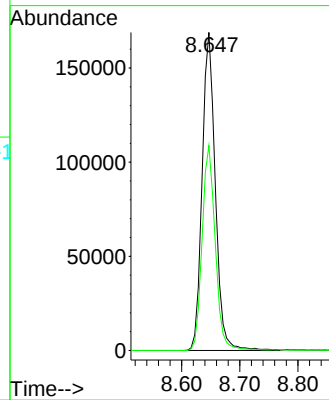
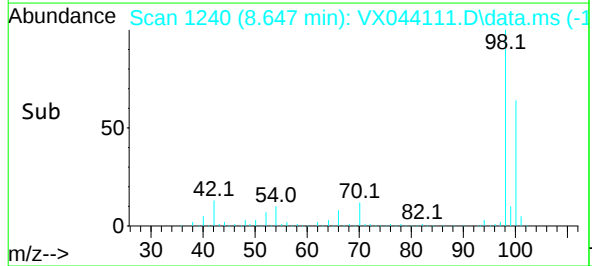


Tgt Ion: 98 Resp: 266552

Ion Ratio Lower Upper

98 100

100 64.3 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 48.688 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX044111.D

Acq: 04 Dec 2024 12:58

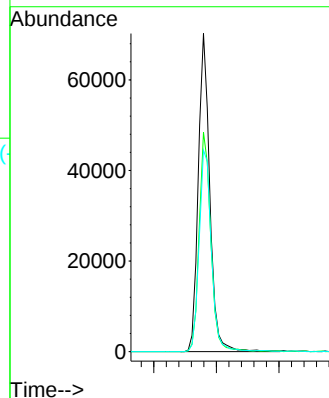
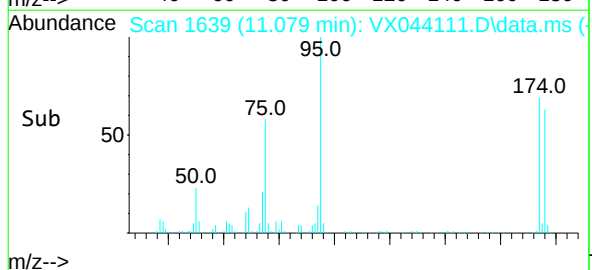
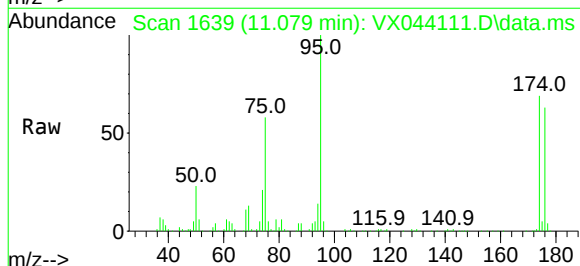
Tgt Ion: 95 Resp: 89747

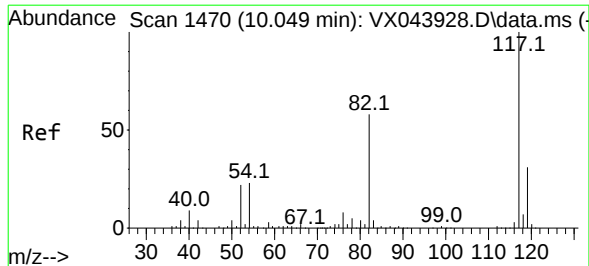
Ion Ratio Lower Upper

95 100

174 69.7 0.0 150.4

176 67.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.049 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX044111.D

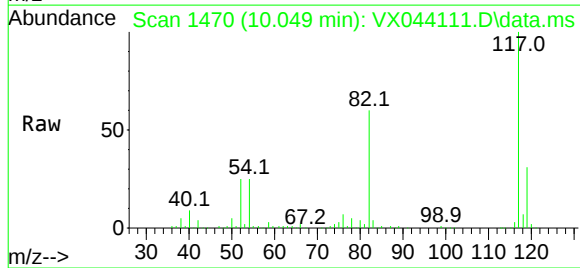
Acq: 04 Dec 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :

VX1204WBL01



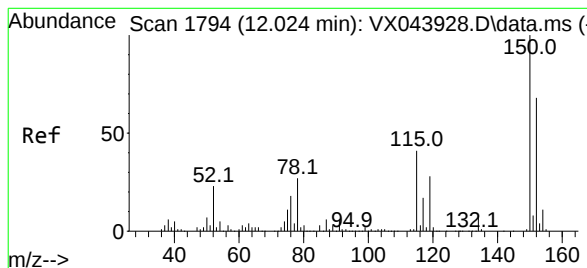
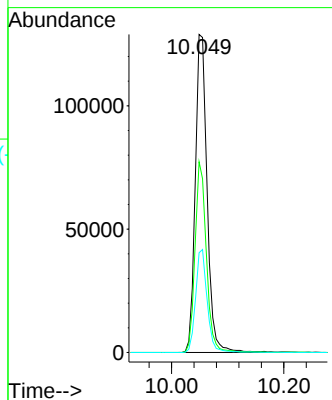
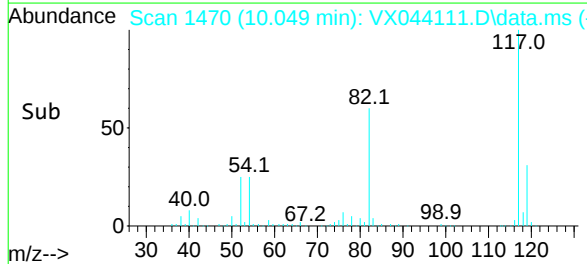
Tgt Ion:117 Resp: 188758

Ion Ratio Lower Upper

117 100

82 60.0 46.4 69.6

119 31.4 24.6 37.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX044111.D

Acq: 04 Dec 2024 12:58

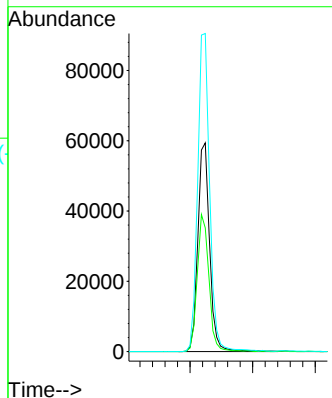
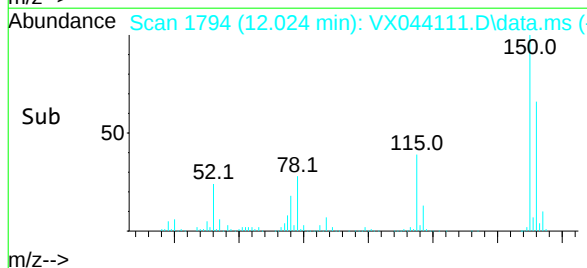
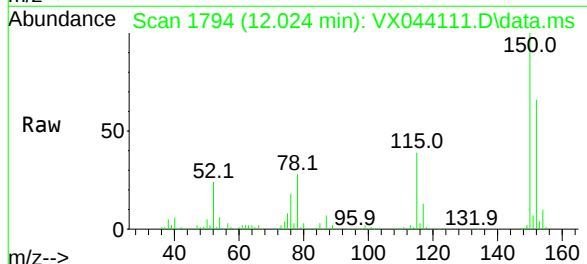
Tgt Ion:152 Resp: 77704

Ion Ratio Lower Upper

152 100

115 65.1 45.4 136.2

150 155.6 0.0 353.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044111.D
Acq On : 04 Dec 2024 12:58
Operator : JC/MD
Sample : VX1204WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Title : SW846 8260

Signal : TIC: VX044111.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.563	69	78	79	rBV5	13740	29293	4.00%	0.772%
2	5.379	693	704	719	rBV2	83571	250128	34.19%	6.589%
3	5.544	721	731	747	rVV2	131214	377282	51.58%	9.938%
4	5.952	786	798	811	rBV	103308	277802	37.98%	7.318%
5	6.757	921	930	944	rBV	222301	540061	73.83%	14.226%
6	8.647	1233	1240	1256	rBV	457570	731513	100.00%	19.269%
7	10.049	1465	1470	1490	rVB	431486	621547	84.97%	16.373%
8	11.079	1634	1639	1652	rBV	350650	449460	61.44%	11.840%
9	12.018	1788	1793	1805	rBV	402054	519159	70.97%	13.676%

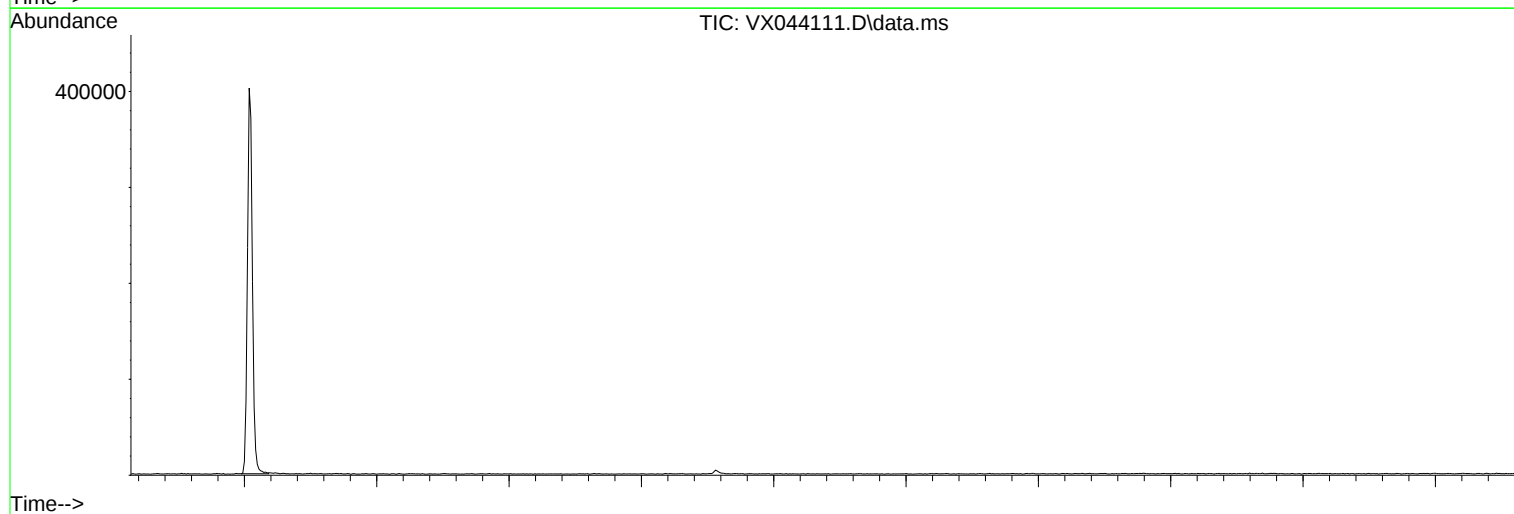
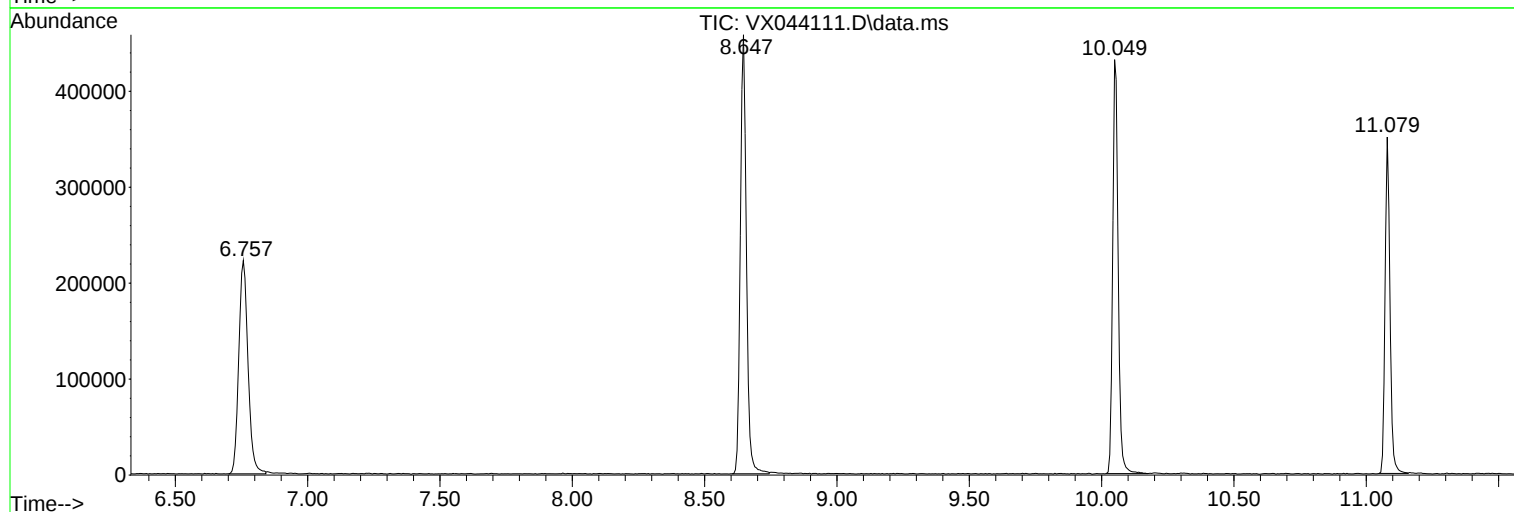
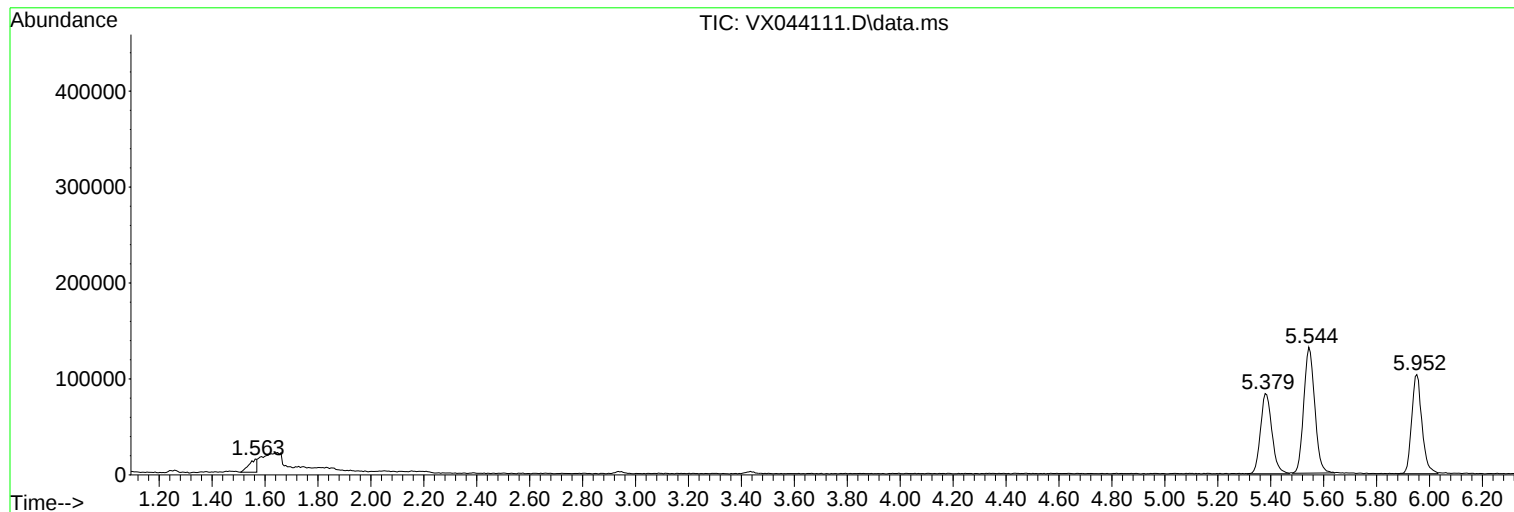
Sum of corrected areas: 3796245

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044111.D
Acq On : 04 Dec 2024 12:58
Operator : JC/MD
Sample : VX1204WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044111.D
Acq On : 04 Dec 2024 12:58
Operator : JC/MD
Sample : VX1204WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044111.D
Acq On : 04 Dec 2024 12:58
Operator : JC/MD
Sample : VX1204WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--		
					#	RT	Resp Conc

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:		
Client Sample ID:	VX1202WBS01		SDG No.:	P5006	
Lab Sample ID:	VX1202WBS01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044055.D	1		12/02/24 11:00	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.6		0.21	1.00	ug/L
74-87-3	Chloromethane	16.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.1		0.34	1.00	ug/L
74-83-9	Bromomethane	19.8		1.40	5.00	ug/L
75-00-3	Chloroethane	17.2		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.1		0.26	1.00	ug/L
67-64-1	Acetone	89.5		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.8		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.9		1.60	5.00	ug/L
78-93-3	2-Butanone	90.4		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.3		0.25	1.00	ug/L
74-97-5	Bromochloromethane	18.3		0.18	1.00	ug/L
67-66-3	Chloroform	20.3		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.7		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	17.8		0.19	1.00	ug/L
71-43-2	Benzene	19.4		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.5		0.24	1.00	ug/L
79-01-6	Trichloroethene	17.0		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.5		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	20.3		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	92.8		0.75	5.00	ug/L
108-88-3	Toluene	19.4		0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	
Client Sample ID:	VX1202WBS01			SDG No.:	P5006
Lab Sample ID:	VX1202WBS01			Matrix:	Water
Analytical Method:	SW8260			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044055.D	1		12/02/24 11:00	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.0		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.2		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	93.8		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.7		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.7		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	20.7		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	41.5		0.31	2.00	ug/L
95-47-6	o-Xylene	21.3		0.14	1.00	ug/L
100-42-5	Styrene	20.9		0.16	1.00	ug/L
75-25-2	Bromoform	19.0		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	20.6		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.2		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.2		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.2		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.6		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.5		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.6		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.9		70 (74) - 130 (125)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	53.7		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	50.8		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.8		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	134000	5.55			
540-36-3	1,4-Difluorobenzene	237000	6.757			
3114-55-4	Chlorobenzene-d5	191000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	90100	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1202WBS01		SDG No.:	P5006
Lab Sample ID:	VX1202WBS01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044055.D	1		12/02/24 11:00	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044055.D
 Acq On : 02 Dec 2024 11:00
 Operator : JC/MD
 Sample : VX1202WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:14:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	133564	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	236701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	191057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	90073	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	125654	54.850	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.700%
35) Dibromofluoromethane	5.379	113	90819	53.696	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.400%
50) Toluene-d8	8.647	98	296189	50.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.600%
62) 4-Bromofluorobenzene	11.079	95	104667	52.750	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	29716	17.562	ug/l	100
3) Chloromethane	1.294	50	30111	16.911	ug/l	99
4) Vinyl Chloride	1.374	62	32379	17.097	ug/l	95
5) Bromomethane	1.593	94	23059	19.792	ug/l	97
6) Chloroethane	1.666	64	19812	17.168	ug/l	98
7) Trichlorofluoromethane	1.867	101	59672	17.623	ug/l	96
8) Diethyl Ether	2.136	74	21417	17.354	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.319	101	29983	18.564	ug/l	99
10) Methyl Iodide	2.441	142	38201	18.938	ug/l	99
11) Tert butyl alcohol	3.001	59	32200	87.571	ug/l	98
12) 1,1-Dichloroethene	2.313	96	27855	18.099	ug/l	99
13) Acrolein	2.239	56	40750	105.141	ug/l	97
14) Allyl chloride	2.654	41	47601	18.928	ug/l	97
15) Acrylonitrile	3.062	53	80290	89.603	ug/l	98
16) Acetone	2.386	43	94179	89.509	ug/l	96
17) Carbon Disulfide	2.502	76	50453	15.892	ug/l	99
18) Methyl Acetate	2.703	43	46123	18.824	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	113241	20.264	ug/l	97
20) Methylene Chloride	2.782	84	32788	18.363	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	29606	18.632	ug/l	98
22) Diisopropyl ether	3.757	45	110045	20.464	ug/l	90
23) Vinyl Acetate	3.715	43	447653	97.315	ug/l	99
24) 1,1-Dichloroethane	3.605	63	61692	19.887	ug/l	99
25) 2-Butanone	4.556	43	122715	90.389	ug/l	100
26) 2,2-Dichloropropane	4.471	77	57471	20.513	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	37812	19.251	ug/l	98
28) Bromochloromethane	4.891	49	24973	18.289	ug/l	99
29) Tetrahydrofuran	5.001	42	72622	87.253	ug/l	99
30) Chloroform	5.086	83	67602	20.261	ug/l	98
31) Cyclohexane	5.458	56	45725	17.909	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	59601	20.714	ug/l	99
36) 1,1-Dichloropropene	5.684	75	41511	19.696	ug/l	99
37) Ethyl Acetate	4.715	43	45913	17.549	ug/l	98
38) Carbon Tetrachloride	5.672	117	46126	19.477	ug/l	92
39) Methylcyclohexane	7.373	83	48820	17.830	ug/l	97
40) Benzene	6.031	78	127296	19.390	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044055.D
 Acq On : 02 Dec 2024 11:00
 Operator : JC/MD
 Sample : VX1202WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:14:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	25048	18.706	ug/l	95
42) 1,2-Dichloroethane	6.080	62	54009	20.484	ug/l	99
43) Isopropyl Acetate	6.336	43	79280	19.041	ug/l	99
44) Trichloroethene	7.123	130	31641	17.025	ug/l	96
45) 1,2-Dichloropropane	7.427	63	32914	20.470	ug/l	92
46) Dibromomethane	7.580	93	25657	20.171	ug/l	98
47) Bromodichloromethane	7.818	83	46362	20.323	ug/l	96
48) Methyl methacrylate	7.696	41	36925	18.482	ug/l	99
49) 1,4-Dioxane	7.671	88	11948	335.731	ug/l #	79
51) 4-Methyl-2-Pentanone	8.574	43	235866	92.830	ug/l	99
52) Toluene	8.714	92	76076	19.361	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	44286	19.037	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	49007	19.217	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	31692	19.538	ug/l	95
56) Ethyl methacrylate	9.116	69	49341	19.530	ug/l	98
57) 1,3-Dichloropropane	9.305	76	54631	19.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	123411	88.471	ug/l	98
59) 2-Hexanone	9.433	43	179096	93.779	ug/l	98
60) Dibromochloromethane	9.519	129	31304	19.235	ug/l	97
61) 1,2-Dibromoethane	9.604	107	32243	19.659	ug/l	99
64) Tetrachloroethene	9.269	164	24903	19.767	ug/l	98
65) Chlorobenzene	10.079	112	82674	19.702	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28160	20.693	ug/l	98
67) Ethyl Benzene	10.189	91	147229	20.706	ug/l	97
68) m/p-Xylenes	10.299	106	110161	41.545	ug/l	99
69) o-Xylene	10.640	106	55187	21.316	ug/l	98
70) Styrene	10.652	104	89632	20.932	ug/l	98
71) Bromoform	10.799	173	18242	19.030	ug/l #	100
73) Isopropylbenzene	10.957	105	142787	20.623	ug/l	99
74) N-amyl acetate	10.841	43	64575	20.133	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	47782	20.155	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	39067m	19.778	ug/l	
77) Bromobenzene	11.195	156	33215	20.110	ug/l	98
78) n-propylbenzene	11.305	91	159743	20.657	ug/l	99
79) 2-Chlorotoluene	11.360	91	99937	20.438	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	121093	21.258	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	13239	18.289	ug/l	95
82) 4-Chlorotoluene	11.451	91	116017	21.016	ug/l	99
83) tert-Butylbenzene	11.713	119	120448	21.333	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	120363	21.224	ug/l	99
85) sec-Butylbenzene	11.890	105	143763	20.782	ug/l	100
86) p-Isopropyltoluene	12.006	119	120535	21.451	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	60741	20.192	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	61904	20.184	ug/l	98
89) n-Butylbenzene	12.329	91	99591	20.102	ug/l	99
90) Hexachloroethane	12.536	117	18114	18.958	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	62628	20.630	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8844	18.617	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	34973	19.540	ug/l	98
94) Hexachlorobutadiene	13.725	225	13825	19.544	ug/l	99
95) Naphthalene	13.774	128	130543	20.262	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	35504	19.599	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044055.D
Acq On : 02 Dec 2024 11:00
Operator : JC/MD
Sample : VX1202WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:14:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

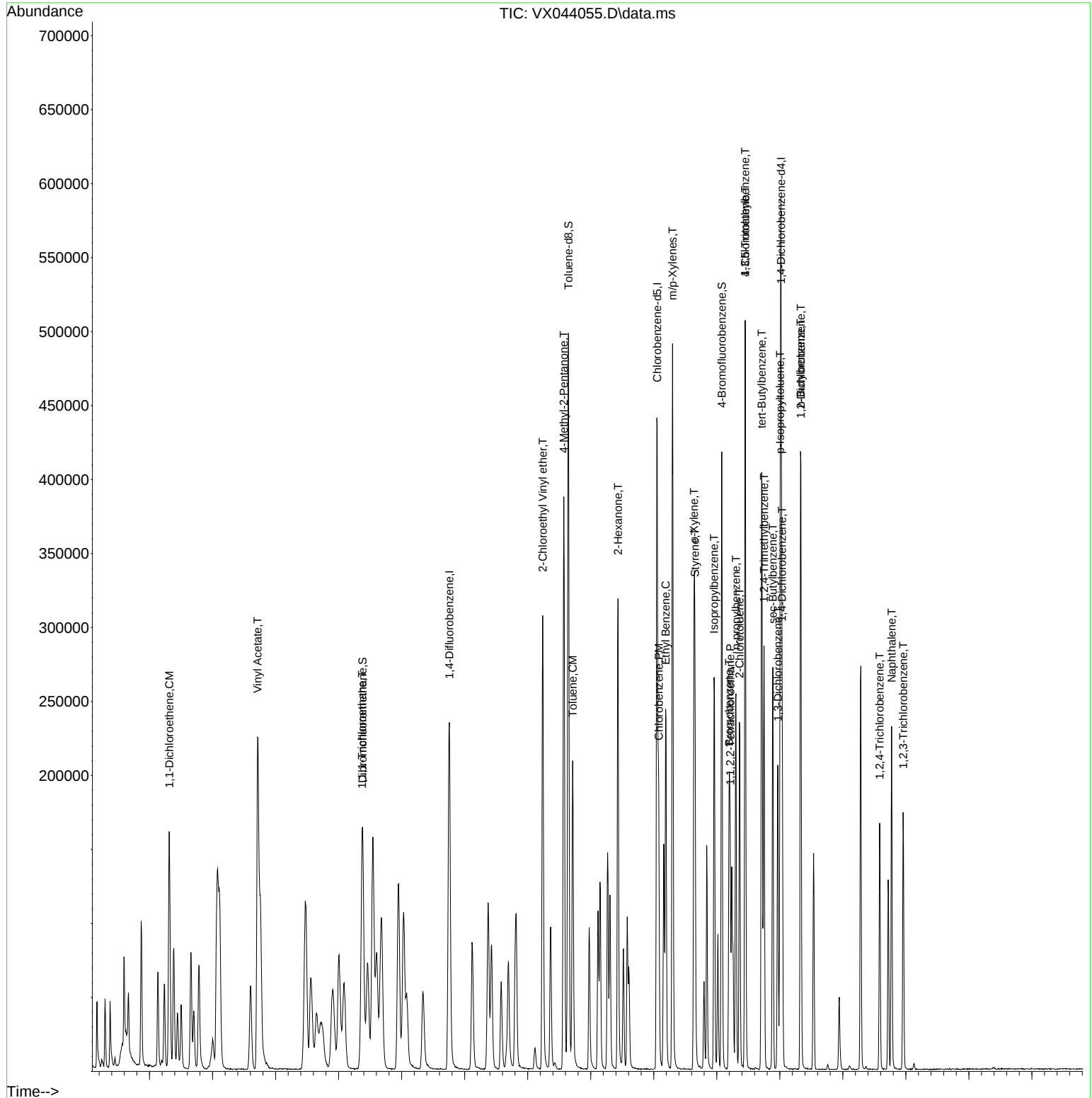
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044055.D
Acq On : 02 Dec 2024 11:00
Operator : JC/MD
Sample : VX1202WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:14:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1203WBS01	SDG No.:	P5006
Lab Sample ID:	VX1203WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044087.D	1		12/03/24 13:01	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.4		0.21	1.00	ug/L
74-87-3	Chloromethane	16.5		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	16.1		0.34	1.00	ug/L
74-83-9	Bromomethane	18.7		1.40	5.00	ug/L
75-00-3	Chloroethane	18.1		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.3		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.4		0.26	1.00	ug/L
67-64-1	Acetone	81.3		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	12.7		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.7		0.60	1.00	ug/L
75-09-2	Methylene Chloride	17.8		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	17.1		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.6		1.60	5.00	ug/L
78-93-3	2-Butanone	90.7		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.7		0.25	1.00	ug/L
74-97-5	Bromochloromethane	15.0		0.18	1.00	ug/L
67-66-3	Chloroform	19.5		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.5		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.4		0.19	1.00	ug/L
71-43-2	Benzene	18.7		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.7		0.24	1.00	ug/L
79-01-6	Trichloroethene	16.6		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	18.4		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.1		0.75	5.00	ug/L
108-88-3	Toluene	19.5		0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1203WBS01	SDG No.:	P5006
Lab Sample ID:	VX1203WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044087.D	1		12/03/24 13:01	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.1		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.7		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	94.5		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	17.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.7		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.2		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.8		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	38.7		0.31	2.00	ug/L
95-47-6	o-Xylene	19.6		0.14	1.00	ug/L
100-42-5	Styrene	19.6		0.16	1.00	ug/L
75-25-2	Bromoform	16.1		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	20.2		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.3		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.1		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.9		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.9		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.4		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.1		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	122000	5.543			
540-36-3	1,4-Difluorobenzene	217000	6.751			
3114-55-4	Chlorobenzene-d5	182000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	84300	12.024			

Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1203WBS01	SDG No.:	P5006
Lab Sample ID:	VX1203WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044087.D	1		12/03/24 13:01	VX120324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044087.D
 Acq On : 03 Dec 2024 13:01
 Operator : JC/MD
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:42:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.543	168	121696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	217179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	182356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84290	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	105887	50.729	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.460%
35) Dibromofluoromethane	5.379	113	77293	49.807	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.620%
50) Toluene-d8	8.647	98	267966	50.093	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.180%
62) 4-Bromofluorobenzene	11.079	95	93916	51.587	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.180%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	26847	17.414	ug/l	98
3) Chloromethane	1.294	50	26838	16.543	ug/l	99
4) Vinyl Chloride	1.373	62	27768	16.092	ug/l	95
5) Bromomethane	1.599	94	19806	18.658	ug/l	100
6) Chloroethane	1.666	64	19064	18.131	ug/l	99
7) Trichlorofluoromethane	1.867	101	53375	17.301	ug/l	98
8) Diethyl Ether	2.129	74	19616	17.445	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.318	101	27721	18.837	ug/l	96
10) Methyl Iodide	2.440	142	31197	16.974	ug/l	98
11) Tert butyl alcohol	3.007	59	28819	86.019	ug/l	99
12) 1,1-Dichloroethene	2.312	96	24361	17.372	ug/l	94
13) Acrolein	2.233	56	29751	84.248	ug/l	99
14) Allyl chloride	2.654	41	41333	18.039	ug/l	96
15) Acrylonitrile	3.062	53	73249	89.717	ug/l	98
16) Acetone	2.385	43	77917	81.276	ug/l	99
17) Carbon Disulfide	2.501	76	36596	12.652	ug/l	99
18) Methyl Acetate	2.702	43	41833	18.738	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	97844	19.216	ug/l	98
20) Methylene Chloride	2.782	84	29012	17.833	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	24762	17.103	ug/l	93
22) Diisopropyl ether	3.757	45	96566	19.709	ug/l	91
23) Vinyl Acetate	3.715	43	396191	94.527	ug/l	99
24) 1,1-Dichloroethane	3.599	63	53678	18.991	ug/l	99
25) 2-Butanone	4.556	43	112217	90.718	ug/l	98
26) 2,2-Dichloropropane	4.464	77	48679	19.070	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	33466	18.700	ug/l	98
28) Bromochloromethane	4.891	49	18631	14.975	ug/l	97
29) Tetrahydrofuran	5.007	42	69198	91.247	ug/l	98
30) Chloroform	5.086	83	59371	19.530	ug/l	97
31) Cyclohexane	5.452	56	43371	18.643	ug/l	95
32) 1,1,1-Trichloroethane	5.373	97	51160	19.515	ug/l	98
36) 1,1-Dichloropropene	5.684	75	38934	20.133	ug/l	97
37) Ethyl Acetate	4.714	43	44329	18.467	ug/l	98
38) Carbon Tetrachloride	5.665	117	39423	18.143	ug/l	96
39) Methylcyclohexane	7.372	83	46338	18.445	ug/l	96
40) Benzene	6.031	78	112913	18.745	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
 Data File : VX044087.D
 Acq On : 03 Dec 2024 13:01
 Operator : JC/MD
 Sample : VX1203WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2024
 Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:42:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	23209	18.891	ug/l	95
42) 1,2-Dichloroethane	6.080	62	47643	19.693	ug/l	98
43) Isopropyl Acetate	6.336	43	71490	18.714	ug/l	100
44) Trichloroethene	7.122	130	28361	16.632	ug/l	89
45) 1,2-Dichloropropane	7.427	63	29430	19.948	ug/l	99
46) Dibromomethane	7.580	93	22336	19.139	ug/l	98
47) Bromodichloromethane	7.817	83	38417	18.354	ug/l	95
48) Methyl methacrylate	7.689	41	33987	18.541	ug/l	98
49) 1,4-Dioxane	7.665	88	9689	296.727	ug/l #	84
51) 4-Methyl-2-Pentanone	8.573	43	221754	95.121	ug/l	98
52) Toluene	8.714	92	70152	19.458	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	38681	18.122	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	43743	18.695	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	28992	19.480	ug/l	98
56) Ethyl methacrylate	9.116	69	43397	18.721	ug/l	95
57) 1,3-Dichloropropane	9.305	76	50073	19.973	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	103315	80.692	ug/l	98
59) 2-Hexanone	9.433	43	165534	94.469	ug/l	100
60) Dibromochloromethane	9.518	129	26084	17.468	ug/l	100
61) 1,2-Dibromoethane	9.610	107	29625	19.686	ug/l	95
64) Tetrachloroethene	9.268	164	23182	19.279	ug/l	94
65) Chlorobenzene	10.079	112	76918	19.205	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	24782	19.079	ug/l	99
67) Ethyl Benzene	10.189	91	134041	19.751	ug/l	99
68) m/p-Xylenes	10.299	106	97878	38.674	ug/l	98
69) o-Xylene	10.640	106	48530	19.640	ug/l	96
70) Styrene	10.652	104	79909	19.552	ug/l	98
71) Bromoform	10.799	173	14514	16.114	ug/l #	98
73) Isopropylbenzene	10.963	105	131164	20.244	ug/l	99
74) N-amyl acetate	10.841	43	56968	18.980	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	42954	19.361	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	36326m	19.652	ug/l	
77) Bromobenzene	11.195	156	30099	19.474	ug/l	99
78) n-propylbenzene	11.305	91	143578	19.841	ug/l	99
79) 2-Chlorotoluene	11.366	91	91670	20.033	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	108181	20.294	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	10351	15.280	ug/l	88
82) 4-Chlorotoluene	11.451	91	102931	19.924	ug/l	99
83) tert-Butylbenzene	11.713	119	108015	20.444	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	110662	20.852	ug/l	99
85) sec-Butylbenzene	11.890	105	130642	20.181	ug/l	99
86) p-Isopropyltoluene	12.006	119	109705	20.863	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	54457	19.345	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	54856	19.113	ug/l	97
89) n-Butylbenzene	12.329	91	91136	19.658	ug/l	99
90) Hexachloroethane	12.536	117	15235	17.039	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	56515	19.893	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7640	17.186	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	31652	18.898	ug/l	97
94) Hexachlorobutadiene	13.725	225	12427	18.773	ug/l	96
95) Naphthalene	13.774	128	122069	20.246	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	32813	19.356	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044087.D
Acq On : 03 Dec 2024 13:01
Operator : JC/MD
Sample : VX1203WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2024
Supervised By :Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:42:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

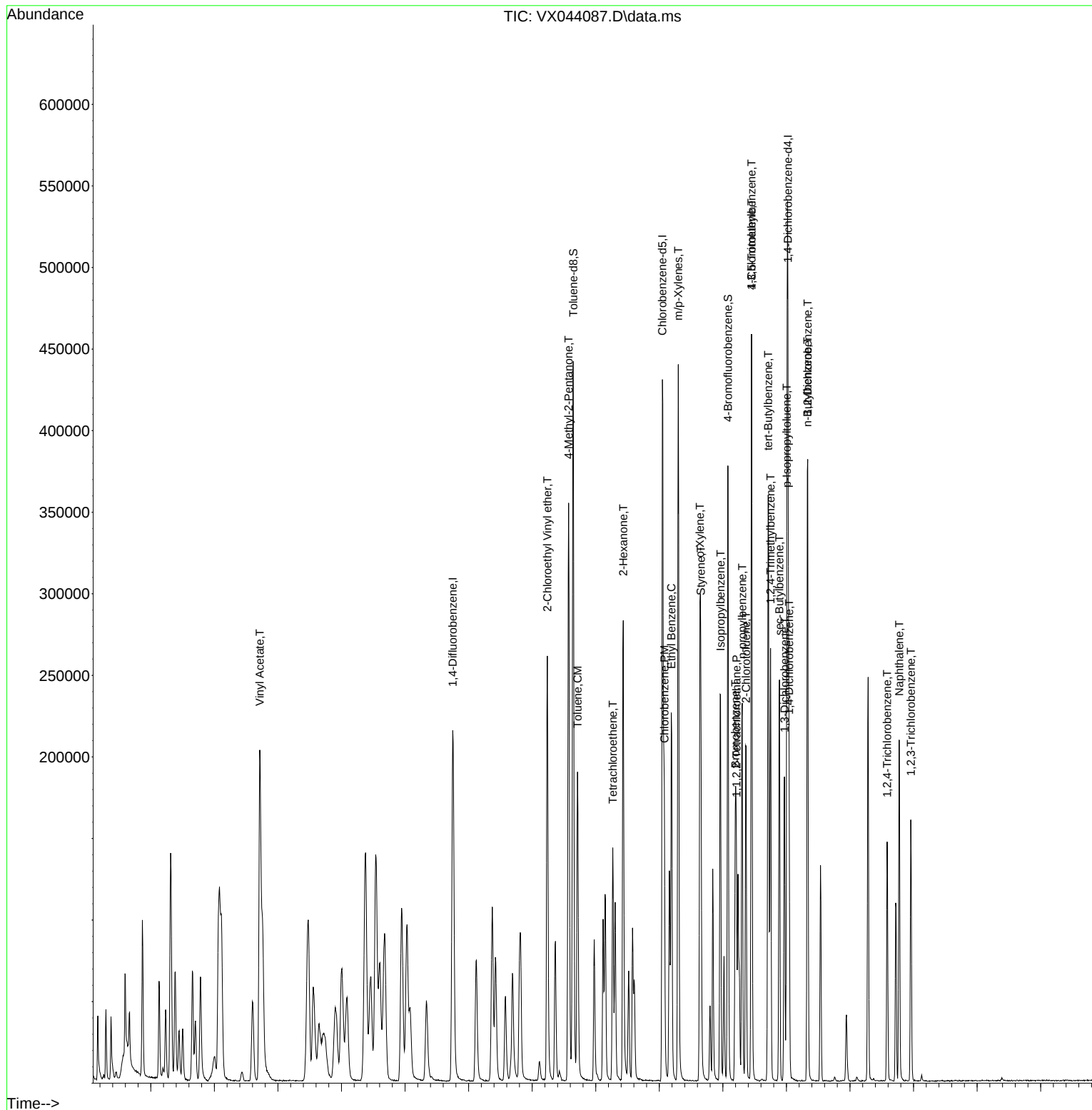
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120324\
Data File : VX044087.D
Acq On : 03 Dec 2024 13:01
Operator : JC/MD
Sample : VX1203WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/04/2024
Supervised By : Mahesh Dadoda 12/04/2024

Quant Time: Dec 03 23:42:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	
Client Sample ID:	VX1204WBS01	SDG No.:	P5006
Lab Sample ID:	VX1204WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044112.D	1		12/04/24 13:21	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	17.5		0.21	1.00	ug/L
74-87-3	Chloromethane	18.3		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.34	1.00	ug/L
74-83-9	Bromomethane	21.5		1.40	5.00	ug/L
75-00-3	Chloroethane	21.9		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.2		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.6		0.26	1.00	ug/L
67-64-1	Acetone	99.4		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	15.4		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	21.5		0.60	1.00	ug/L
75-09-2	Methylene Chloride	19.5		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.8		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	21.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.2		1.60	5.00	ug/L
78-93-3	2-Butanone	100		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.3		0.25	1.00	ug/L
74-97-5	Bromochloromethane	20.4		0.18	1.00	ug/L
67-66-3	Chloroform	21.7		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.5		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	19.0		0.19	1.00	ug/L
71-43-2	Benzene	20.0		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.4		0.24	1.00	ug/L
79-01-6	Trichloroethene	17.3		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.8		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	20.5		0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:		
Client Sample ID:	VX1204WBS01		SDG No.:	P5006	
Lab Sample ID:	VX1204WBS01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044112.D	1		12/04/24 13:21	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.4		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	18.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	20.3		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	21.0		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	41.5		0.31	2.00	ug/L
95-47-6	o-Xylene	21.1		0.14	1.00	ug/L
100-42-5	Styrene	20.5		0.16	1.00	ug/L
75-25-2	Bromoform	17.3		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	21.6		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.4		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.3		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.3		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.0		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.1		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.4		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.8		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.1		70 (74) - 130 (125)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	120000	5.544			
540-36-3	1,4-Difluorobenzene	226000	6.757			
3114-55-4	Chlorobenzene-d5	190000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	84900	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1204WBS01		SDG No.:	P5006
Lab Sample ID:	VX1204WBS01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044112.D	1		12/04/24 13:21	VX120424

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044112.D
 Acq On : 04 Dec 2024 13:21
 Operator : JC/MD
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/05/2024
 Supervised By : Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	120163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	225592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84893	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	115722	56.148	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.300%
35) Dibromofluoromethane	5.385	113	83211	51.621	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.240%
50) Toluene-d8	8.647	98	280762	50.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.060%
62) 4-Bromofluorobenzene	11.079	95	99260	52.489	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.980%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	26700	17.540	ug/l	95
3) Chloromethane	1.295	50	29260	18.266	ug/l	99
4) Vinyl Chloride	1.374	62	32229	18.915	ug/l	98
5) Bromomethane	1.593	94	22566	21.529	ug/l	98
6) Chloroethane	1.666	64	22765	21.927	ug/l	100
7) Trichlorofluoromethane	1.868	101	59496	19.531	ug/l	99
8) Diethyl Ether	2.136	74	23474	21.142	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	29404	20.236	ug/l	96
10) Methyl Iodide	2.441	142	37335	20.573	ug/l	97
11) Tert butyl alcohol	2.989	59	30744	92.936	ug/l	99
12) 1,1-Dichloroethene	2.307	96	27129	19.593	ug/l	95
13) Acrolein	2.233	56	37521	107.607	ug/l	96
14) Allyl chloride	2.660	41	46898	20.729	ug/l	94
15) Acrylonitrile	3.069	53	83841	104.001	ug/l	99
16) Acetone	2.386	43	94056	99.362	ug/l	96
17) Carbon Disulfide	2.502	76	43875	15.362	ug/l	96
18) Methyl Acetate	2.703	43	47378	21.492	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	109375	21.755	ug/l	95
20) Methylene Chloride	2.782	84	31372	19.530	ug/l	90
21) trans-1,2-Dichloroethene	3.081	96	28356	19.836	ug/l	98
22) Diisopropyl ether	3.757	45	106269	21.966	ug/l #	86
23) Vinyl Acetate	3.721	43	443108	107.069	ug/l	99
24) 1,1-Dichloroethane	3.599	63	58695	21.031	ug/l	99
25) 2-Butanone	4.562	43	127602	104.471	ug/l	95
26) 2,2-Dichloropropane	4.465	77	50179	19.908	ug/l	98
27) cis-1,2-Dichloroethene	4.477	96	35925	20.330	ug/l	97
28) Bromochloromethane	4.898	49	25067	20.405	ug/l	97
29) Tetrahydrofuran	5.007	42	79326	105.937	ug/l	97
30) Chloroform	5.087	83	65221	21.728	ug/l	98
31) Cyclohexane	5.458	56	46435	20.215	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	55653	21.499	ug/l	98
36) 1,1-Dichloropropene	5.684	75	40243	20.034	ug/l	99
37) Ethyl Acetate	4.715	43	50296	20.171	ug/l	99
38) Carbon Tetrachloride	5.672	117	43411	19.233	ug/l	99
39) Methylcyclohexane	7.379	83	49630	19.019	ug/l	97
40) Benzene	6.031	78	125395	20.041	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
 Data File : VX044112.D
 Acq On : 04 Dec 2024 13:21
 Operator : JC/MD
 Sample : VX1204WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1204WBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/05/2024
 Supervised By :Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	25742	20.171	ug/l	94
42) 1,2-Dichloroethane	6.080	62	53881	21.441	ug/l	98
43) Isopropyl Acetate	6.342	43	82057	20.679	ug/l	99
44) Trichloroethene	7.123	130	30679	17.320	ug/l	90
45) 1,2-Dichloropropane	7.428	63	31801	20.751	ug/l	96
46) Dibromomethane	7.580	93	24787	20.447	ug/l	98
47) Bromodichloromethane	7.824	83	42959	19.759	ug/l	95
48) Methyl methacrylate	7.696	41	38601	20.273	ug/l	94
49) 1,4-Dioxane	7.665	88	9121	268.915	ug/l #	69
51) 4-Methyl-2-Pentanone	8.574	43	255184	105.378	ug/l	97
52) Toluene	8.714	92	76802	20.508	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43019	19.403	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	47419	19.510	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	32039	20.725	ug/l	99
56) Ethyl methacrylate	9.116	69	48530	20.154	ug/l	95
57) 1,3-Dichloropropane	9.305	76	55767	21.414	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	106859	80.347	ug/l	98
59) 2-Hexanone	9.433	43	192320	105.663	ug/l	98
60) Dibromochloromethane	9.519	129	28498	18.373	ug/l	98
61) 1,2-Dibromoethane	9.610	107	32350	20.695	ug/l	99
64) Tetrachloroethene	9.269	164	25439	20.323	ug/l	96
65) Chlorobenzene	10.080	112	84199	20.195	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	28027	20.728	ug/l	97
67) Ethyl Benzene	10.189	91	148143	20.969	ug/l	99
68) m/p-Xylenes	10.299	106	109352	41.506	ug/l	99
69) o-Xylene	10.640	106	54239	21.086	ug/l	99
70) Styrene	10.653	104	87379	20.538	ug/l	98
71) Bromoform	10.799	173	16310	17.278	ug/l #	98
73) Isopropylbenzene	10.957	105	141268	21.648	ug/l	100
74) N-amyl acetate	10.842	43	64815	21.441	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	47802	21.393	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39282m	21.100	ug/l	
77) Bromobenzene	11.195	156	32424	20.829	ug/l	99
78) n-propylbenzene	11.305	91	157667	21.633	ug/l	99
79) 2-Chlorotoluene	11.360	91	98996	21.481	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	117829	21.947	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11466	16.806	ug/l	88
82) 4-Chlorotoluene	11.451	91	110664	21.269	ug/l	99
83) tert-Butylbenzene	11.713	119	115305	21.669	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	117565	21.995	ug/l	98
85) sec-Butylbenzene	11.890	105	139312	21.368	ug/l	100
86) p-Isopropyltoluene	12.006	119	114408	21.603	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57464	20.268	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	58603	20.274	ug/l	95
89) n-Butylbenzene	12.329	91	99944	21.405	ug/l	100
90) Hexachloroethane	12.536	117	16715	18.561	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	60184	21.034	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8538	19.070	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	32677	19.371	ug/l	97
94) Hexachlorobutadiene	13.725	225	13196	19.793	ug/l	97
95) Naphthalene	13.774	128	129119	21.264	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33881	19.844	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044112.D
Acq On : 04 Dec 2024 13:21
Operator : JC/MD
Sample : VX1204WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:23:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

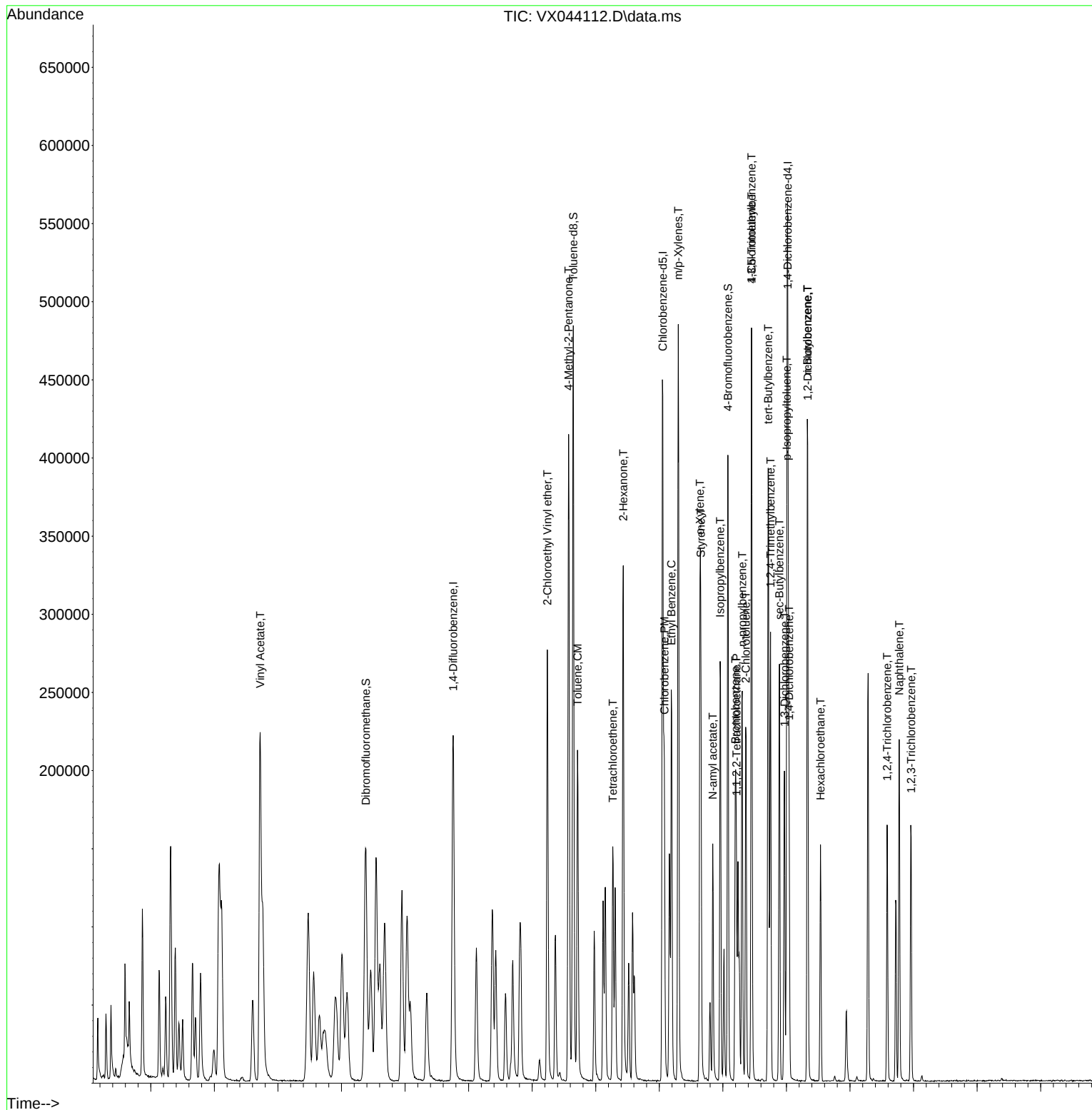
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120424\
Data File : VX044112.D
Acq On : 04 Dec 2024 13:21
Operator : JC/MD
Sample : VX1204WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1204WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/05/2024
Supervised By :Mahesh Dadoda 12/05/2024

Quant Time: Dec 05 00:23:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Report of Analysis

Client:	ENTACT			Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309			Date Received:	
Client Sample ID:	VX1202WBSD01			SDG No.:	P5006
Lab Sample ID:	VX1202WBSD01			Matrix:	Water
Analytical Method:	SW8260			% Solid:	0
Sample Wt/Vol:	5	Units:	mL	Final Vol:	5000 uL
Soil Aliquot Vol:			uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID :	0.18	Level :	LOW
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044056.D	1		12/02/24 11:27	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.0		0.21	1.00	ug/L
74-87-3	Chloromethane	17.6		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.9		0.34	1.00	ug/L
74-83-9	Bromomethane	21.5		1.40	5.00	ug/L
75-00-3	Chloroethane	20.4		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.9		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.6		0.26	1.00	ug/L
67-64-1	Acetone	92.5		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	15.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.6		0.60	1.00	ug/L
75-09-2	Methylene Chloride	19.6		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.9		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.7		1.60	5.00	ug/L
78-93-3	2-Butanone	97.2		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.3		0.25	1.00	ug/L
74-97-5	Bromochloromethane	19.1		0.18	1.00	ug/L
67-66-3	Chloroform	21.3		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.0		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.8		0.19	1.00	ug/L
71-43-2	Benzene	19.8		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.6		0.24	1.00	ug/L
79-01-6	Trichloroethene	17.7		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.7		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	21.7		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.75	5.00	ug/L
108-88-3	Toluene	20.8		0.18	1.00	ug/L

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1202WBSD01		SDG No.:	P5006
Lab Sample ID:	VX1202WBSD01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044056.D	1		12/02/24 11:27	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	21.2		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.5		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	99.5		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.8		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	20.6		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.1		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	21.0		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	40.8		0.31	2.00	ug/L
95-47-6	o-Xylene	21.1		0.14	1.00	ug/L
100-42-5	Styrene	20.9		0.16	1.00	ug/L
75-25-2	Bromoform	18.9		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	21.1		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.6		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.3		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.7		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.5		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.4		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	53.5		70 (86) - 130 (113)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.0		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	120000	5.544			
540-36-3	1,4-Difluorobenzene	216000	6.751			
3114-55-4	Chlorobenzene-d5	187000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	85600	12.018			

Report of Analysis

Client:	ENTACT		Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	
Client Sample ID:	VX1202WBSD01		SDG No.:	P5006
Lab Sample ID:	VX1202WBSD01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	SPLP VOA
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044056.D	1		12/02/24 11:27	VX120224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044056.D
 Acq On : 02 Dec 2024 11:27
 Operator : JC/MD
 Sample : VX1202WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2024
 Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:15:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	119891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	216106	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85631	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	114349	55.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.220%
35) Dibromofluoromethane	5.379	113	84494	54.717	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.440%
50) Toluene-d8	8.647	98	284899	53.523	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.040%
62) 4-Bromofluorobenzene	11.079	95	99589	54.974	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.940%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	27376	18.024	ug/l	99
3) Chloromethane	1.294	50	28077	17.567	ug/l	95
4) Vinyl Chloride	1.374	62	30467	17.922	ug/l	93
5) Bromomethane	1.599	94	22463	21.479	ug/l	96
6) Chloroethane	1.666	64	21084	20.354	ug/l	99
7) Trichlorofluoromethane	1.874	101	54424	17.907	ug/l	100
8) Diethyl Ether	2.130	74	21203	19.140	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	28642	19.756	ug/l	98
10) Methyl Iodide	2.447	142	36170	19.976	ug/l	99
11) Tert butyl alcohol	2.995	59	29149	88.314	ug/l	100
12) 1,1-Dichloroethene	2.312	96	25641	18.560	ug/l	94
13) Acrolein	2.233	56	40071	115.181	ug/l	99
14) Allyl chloride	2.654	41	43106	19.096	ug/l	96
15) Acrylonitrile	3.062	53	79272	98.556	ug/l	100
16) Acetone	2.380	43	87346	92.483	ug/l	99
17) Carbon Disulfide	2.501	76	45218	15.868	ug/l	100
18) Methyl Acetate	2.703	43	45315	20.603	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	107924	21.515	ug/l	99
20) Methylene Chloride	2.782	84	31344	19.557	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	26888	18.851	ug/l	97
22) Diisopropyl ether	3.757	45	104135	21.574	ug/l	95
23) Vinyl Acetate	3.715	43	430308	104.212	ug/l	100
24) 1,1-Dichloroethane	3.599	63	57401	20.614	ug/l	98
25) 2-Butanone	4.556	43	118399	97.156	ug/l	98
26) 2,2-Dichloropropane	4.465	77	51470	20.467	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	35868	20.344	ug/l	99
28) Bromochloromethane	4.891	49	23410	19.099	ug/l	99
29) Tetrahydrofuran	5.001	42	71660	95.917	ug/l	98
30) Chloroform	5.086	83	63656	21.254	ug/l	94
31) Cyclohexane	5.458	56	42839	18.692	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	54259	21.008	ug/l	100
36) 1,1-Dichloropropene	5.684	75	37907	19.700	ug/l	97
37) Ethyl Acetate	4.714	43	45705	19.135	ug/l	97
38) Carbon Tetrachloride	5.672	117	42719	19.758	ug/l	92
39) Methylcyclohexane	7.373	83	46963	18.786	ug/l	98
40) Benzene	6.031	78	118664	19.798	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
 Data File : VX044056.D
 Acq On : 02 Dec 2024 11:27
 Operator : JC/MD
 Sample : VX1202WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1202WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/03/2024
 Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:15:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	24666	20.176	ug/l	96
42) 1,2-Dichloroethane	6.080	62	52044	21.619	ug/l	99
43) Isopropyl Acetate	6.336	43	76956	20.244	ug/l	99
44) Trichloroethene	7.116	130	30071	17.722	ug/l	87
45) 1,2-Dichloropropane	7.427	63	30433	20.730	ug/l	99
46) Dibromomethane	7.580	93	24343	20.962	ug/l	100
47) Bromodichloromethane	7.818	83	45143	21.675	ug/l	99
48) Methyl methacrylate	7.690	41	35482	19.452	ug/l	99
49) 1,4-Dioxane	7.665	88	9697	298.446	ug/l #	73
51) 4-Methyl-2-Pentanone	8.574	43	235787	101.642	ug/l	98
52) Toluene	8.714	92	74583	20.790	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	44997	21.186	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	47727	20.498	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	31117	21.012	ug/l	97
56) Ethyl methacrylate	9.116	69	47741	20.697	ug/l	96
57) 1,3-Dichloropropane	9.305	76	53928	21.617	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	120492	94.638	ug/l	97
59) 2-Hexanone	9.427	43	173551	99.536	ug/l	99
60) Dibromochloromethane	9.518	129	30754	20.698	ug/l	97
61) 1,2-Dibromoethane	9.604	107	32617	21.782	ug/l	96
64) Tetrachloroethene	9.269	164	25366	20.624	ug/l	98
65) Chlorobenzene	10.079	112	82299	20.090	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	28161	21.196	ug/l	99
67) Ethyl Benzene	10.189	91	145528	20.964	ug/l	99
68) m/p-Xylenes	10.299	106	105678	40.823	ug/l	99
69) o-Xylene	10.640	106	53366	21.114	ug/l	99
70) Styrene	10.652	104	87571	20.948	ug/l	97
71) Bromoform	10.799	173	17720	18.943	ug/l #	100
73) Isopropylbenzene	10.957	105	138834	21.092	ug/l	98
74) N-amyl acetate	10.841	43	62413	20.468	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	46399	20.586	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	37969m	20.219	ug/l	
77) Bromobenzene	11.195	156	31692	20.183	ug/l	95
78) n-propylbenzene	11.305	91	153902	20.935	ug/l	98
79) 2-Chlorotoluene	11.360	91	96101	20.673	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	115379	21.306	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11653	16.933	ug/l	90
82) 4-Chlorotoluene	11.451	91	110902	21.131	ug/l	99
83) tert-Butylbenzene	11.713	119	114964	21.418	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	114093	21.162	ug/l	100
85) sec-Butylbenzene	11.890	105	139589	21.225	ug/l	99
86) p-Isopropyltoluene	12.006	119	116577	21.823	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	58729	20.536	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	59565	20.429	ug/l	98
89) n-Butylbenzene	12.329	91	98935	21.006	ug/l	99
90) Hexachloroethane	12.536	117	17639	19.418	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	58571	20.294	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8456	18.724	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	33195	19.509	ug/l	97
94) Hexachlorobutadiene	13.725	225	13281	19.749	ug/l	97
95) Naphthalene	13.774	128	126036	20.577	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	35145	20.407	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044056.D
Acq On : 02 Dec 2024 11:27
Operator : JC/MD
Sample : VX1202WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/03/2024
Supervised By :Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:15:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

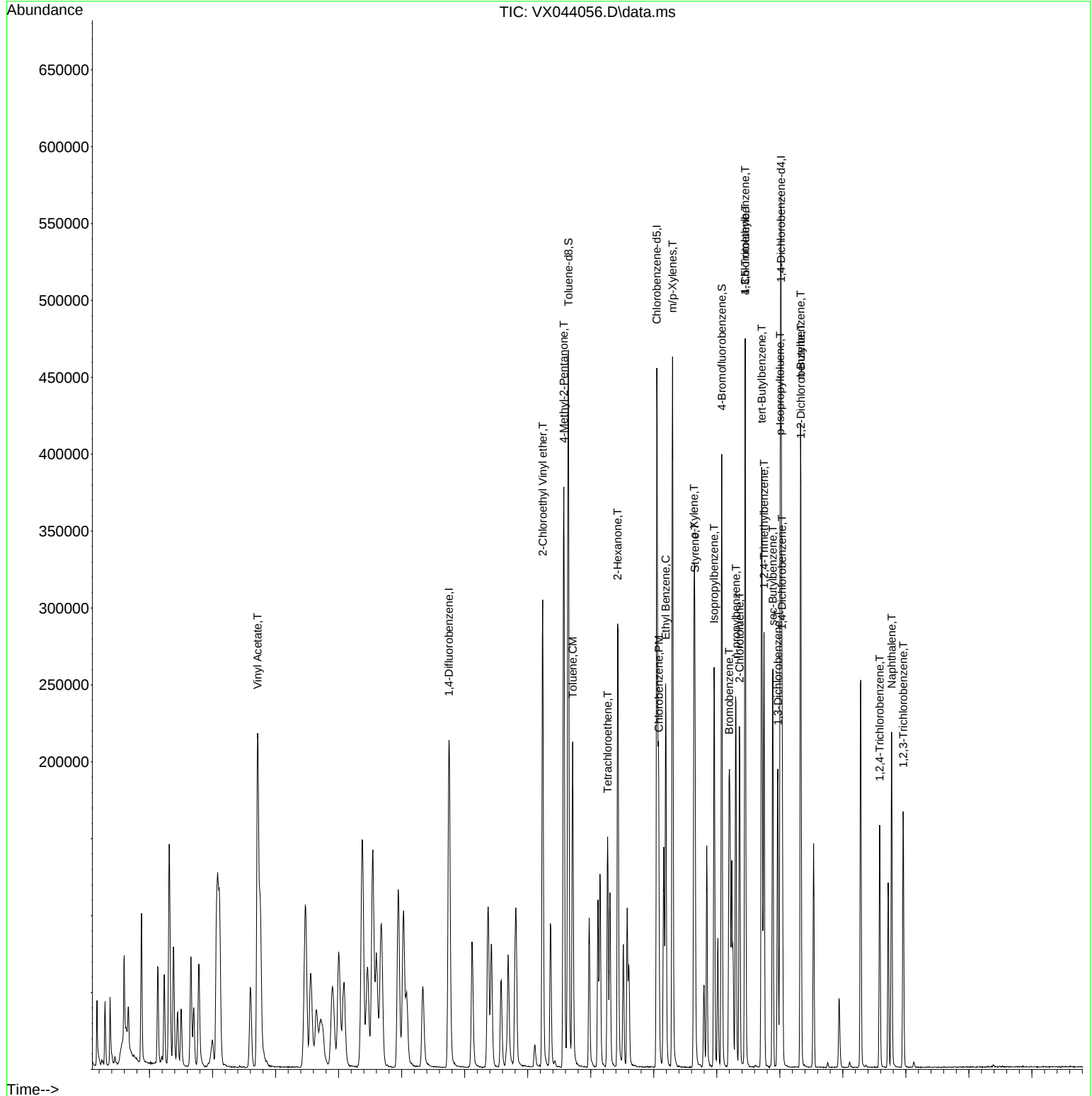
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120224\
Data File : VX044056.D
Acq On : 02 Dec 2024 11:27
Operator : JC/MD
Sample : VX1202WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1202WBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 12/03/2024
Supervised By : Mahesh Dadoda 12/03/2024

Quant Time: Dec 03 00:15:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 22 03:45:52 2024
Response via : Initial Calibration



Manual Integration Report

Sequence:	vx112124	Instrument	MSVOA_x
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX043923.D	1,2,3-Trichloropropane	JOHN	11/21/2024 9:44:34 AM	MMDadoda	11/22/2024 3:33:41 PM	Peak Integrated by Software
VSTDICV050	VX043923.D	1,4-Dioxane	JOHN	11/21/2024 9:44:34 AM	MMDadoda	11/22/2024 3:33:41 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	1,4-Dichlorobenzene	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Bromochloromethane	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Ethyl Acetate	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Methacrylonitrile	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC001	VX043925.D	Methyl methacrylate	JOHN	11/22/2024 9:57:01 AM	MMDadoda	11/22/2024 3:33:43 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	1,4-Dioxane	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	Ethyl Acetate	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC005	VX043926.D	Tert butyl alcohol	JOHN	11/22/2024 9:57:07 AM	MMDadoda	11/22/2024 3:33:44 PM	Peak Integrated by Software
VSTDICC020	VX043927.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:12 AM	MMDadoda	11/22/2024 3:33:46 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

vx112124

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VX043927.D	1,4-Dioxane	JOHN	11/22/2024 9:57:12 AM	MMDadoda	11/22/2024 3:33:46 PM	Peak Integrated by Software
VSTDICCC050	VX043928.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:17 AM	MMDadoda	11/22/2024 3:33:47 PM	Peak Integrated by Software
VSTDICCC050	VX043928.D	1,4-Dioxane	JOHN	11/22/2024 9:57:17 AM	MMDadoda	11/22/2024 3:33:47 PM	Peak Integrated by Software
VSTDICC100	VX043929.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:21 AM	MMDadoda	11/22/2024 3:33:49 PM	Peak Integrated by Software
VSTDICC100	VX043929.D	1,4-Dioxane	JOHN	11/22/2024 9:57:21 AM	MMDadoda	11/22/2024 3:33:49 PM	Peak Integrated by Software
VSTDICC150	VX043930.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:26 AM	MMDadoda	11/22/2024 3:33:50 PM	Peak Integrated by Software
VSTDICV050	VX043932.D	1,2,3-Trichloropropane	JOHN	11/22/2024 9:57:30 AM	MMDadoda	11/22/2024 3:33:52 PM	Peak Integrated by Software
VSTDCCC050	VX043948.D	1,2,3-Trichloropropane	MMDadoda	11/29/2024 8:03:03 AM	SAM	11/29/2024 8:03:34 AM	Peak Integrated by Software
VSTDCCC050	VX043948.D	2-Chloroethyl Vinyl ether	MMDadoda	11/29/2024 8:03:03 AM	SAM	11/29/2024 8:03:34 AM	Peak Integrated by Software

Manual Integration Report

Sequence:	VX120224	Instrument	MSVOA_x
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044052.D	1,2,3-Trichloropropane	JOHN	12/3/2024 9:44:54 AM	MMDadoda	12/3/2024 1:39:18 PM	Peak Integrated by Software
VX1202WBS01	VX044055.D	1,2,3-Trichloropropane	JOHN	12/3/2024 9:44:58 AM	MMDadoda	12/3/2024 1:39:19 PM	Peak Integrated by Software
VX1202WBSD01	VX044056.D	1,2,3-Trichloropropane	JOHN	12/3/2024 9:45:02 AM	MMDadoda	12/3/2024 1:39:21 PM	Peak Integrated by Software
VSTDCCC050	VX044078.D	1,2,3-Trichloropropane	JOHN	12/3/2024 9:45:20 AM	MMDadoda	12/3/2024 1:39:25 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX120324

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044080.D	1,2,3-Trichloropropane	JOHN	12/4/2024 9:42:48 AM	MMDadoda	12/4/2024 2:27:29 PM	Peak Integrated by Software
VX1203WBS01	VX044087.D	1,2,3-Trichloropropane	JOHN	12/4/2024 9:43:01 AM	MMDadoda	12/4/2024 2:27:35 PM	Peak Integrated by Software
P5006-02	VX044089.D	cis-1,2-Dichloroethene	JOHN	12/4/2024 9:43:05 AM	MMDadoda	12/4/2024 2:27:37 PM	Peak Integrated by Software
VSTDCCC050	VX044107.D	1,2,3-Trichloropropane	JOHN	12/4/2024 9:43:57 AM	MMDadoda	12/4/2024 2:27:43 PM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX120424

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044109.D	1,2,3-Trichloropropane	JOHN	12/5/2024 9:52:01 AM	MMDadoda	12/5/2024 12:36:02 PM	Peak Integrated by Software
VX1204WBS01	VX044112.D	1,2,3-Trichloropropane	JOHN	12/5/2024 9:52:06 AM	MMDadoda	12/5/2024 12:36:02 PM	Peak Integrated by Software
VSTDCCC050	VX044134.D	1,2,3-Trichloropropane	JOHN	12/5/2024 9:53:28 AM	MMDadoda	12/5/2024 12:36:04 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM
Supervise By	Maresh Dadoda	Supervise On	11/22/2024 3:34:00 PM
SubDirectory	VX112124	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP131686,VP131690		
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721		
CCC	VP131691		
Internal Standard/PEM			
ICV/I.BLK	VP131722		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX043915.D	20 Nov 2024 15:43	JC/MD	Not Ok
2	VSTDIC001	VX043916.D	20 Nov 2024 16:11	JC/MD	Not Ok
3	VSTDIC005	VX043917.D	20 Nov 2024 16:57	JC/MD	Not Ok
4	VSTDIC020	VX043918.D	20 Nov 2024 17:20	JC/MD	Not Ok
5	VSTDIC050	VX043919.D	20 Nov 2024 17:43	JC/MD	Not Ok
6	VSTDIC100	VX043920.D	20 Nov 2024 18:06	JC/MD	Not Ok
7	VSTDIC150	VX043921.D	20 Nov 2024 18:30	JC/MD	Not Ok
8	IBLK	VX043922.D	20 Nov 2024 18:53	JC/MD	Not Ok
9	VSTDICV050	VX043923.D	20 Nov 2024 19:16	JC/MD	Not Ok
10	BFB	VX043924.D	21 Nov 2024 08:51	JC/MD	Ok
11	VSTDIC001	VX043925.D	21 Nov 2024 09:47	JC/MD	Ok,M
12	VSTDIC005	VX043926.D	21 Nov 2024 10:14	JC/MD	Ok,M
13	VSTDIC020	VX043927.D	21 Nov 2024 10:37	JC/MD	Ok,M
14	VSTDIC050	VX043928.D	21 Nov 2024 11:17	JC/MD	Ok,M
15	VSTDIC100	VX043929.D	21 Nov 2024 11:40	JC/MD	Ok,M
16	VSTDIC150	VX043930.D	21 Nov 2024 12:03	JC/MD	Ok,M
17	IBLK	VX043931.D	21 Nov 2024 12:27	JC/MD	Ok
18	VSTDICV050	VX043932.D	21 Nov 2024 13:57	JC/MD	Ok,M
19	VX1121MBL01	VX043933.D	21 Nov 2024 14:27	JC/MD	Ok
20	VX1121WBL01	VX043934.D	21 Nov 2024 14:50	JC/MD	Ok
21	VX1121WBS01	VX043935.D	21 Nov 2024 15:13	JC/MD	Ok,M

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM
Supervise By	Mahesh Dadoda	Supervise On	11/22/2024 3:34:00 PM
SubDirectory	VX112124	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP131686,VP131690		
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721		
CCC	VP131691		
Internal Standard/PEM			
ICV/I.BLK	VP131722		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	VX1121WBSD01	VX043936.D	21 Nov 2024 15:40	JC/MD	Ok,M
23	P4921-01	VX043937.D	21 Nov 2024 16:03	JC/MD	Ok
24	P4934-01	VX043938.D	21 Nov 2024 16:27	JC/MD	Ok
25	P4934-09	VX043939.D	21 Nov 2024 16:50	JC/MD	Ok
26	P4934-11	VX043940.D	21 Nov 2024 17:13	JC/MD	Ok
27	P4934-02	VX043941.D	21 Nov 2024 17:36	JC/MD	Ok
28	P4934-03	VX043942.D	21 Nov 2024 17:59	JC/MD	Ok
29	P4934-08	VX043943.D	21 Nov 2024 18:23	JC/MD	Ok
30	P4934-10	VX043944.D	21 Nov 2024 18:46	JC/MD	Ok
31	P4934-04	VX043945.D	21 Nov 2024 19:09	JC/MD	Ok
32	P4934-12	VX043946.D	21 Nov 2024 19:32	JC/MD	Ok
33	P4934-05	VX043947.D	21 Nov 2024 19:55	JC/MD	Ok
34	VSTDCCC050	VX043948.D	21 Nov 2024 20:18	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120224

Review By	John Carlone	Review On	12/3/2024 9:50:50 AM
Supervise By	Mahesh Dadoda	Supervise On	12/3/2024 1:39:36 PM
SubDirectory	VX120224	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131840		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131841,VP131842		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044051.D	02 Dec 2024 08:35	JC/MD	Ok
2	VSTDCCC050	VX044052.D	02 Dec 2024 09:45	JC/MD	Ok,M
3	VX1202MBL01	VX044053.D	02 Dec 2024 10:14	JC/MD	Ok
4	VX1202WBL01	VX044054.D	02 Dec 2024 10:37	JC/MD	Ok
5	VX1202WBS01	VX044055.D	02 Dec 2024 11:00	JC/MD	Ok,M
6	VX1202WBSD01	VX044056.D	02 Dec 2024 11:27	JC/MD	Ok,M
7	P5021-02	VX044057.D	02 Dec 2024 11:49	JC/MD	Ok
8	P5021-06DL	VX044058.D	02 Dec 2024 12:12	JC/MD	Ok
9	P5021-01	VX044059.D	02 Dec 2024 12:35	JC/MD	Ok,M
10	P5021-03	VX044060.D	02 Dec 2024 12:58	JC/MD	Ok
11	P5021-04	VX044061.D	02 Dec 2024 13:21	JC/MD	Ok
12	P5021-05	VX044062.D	02 Dec 2024 13:44	JC/MD	Ok
13	PB165251TB	VX044063.D	02 Dec 2024 14:07	JC/MD	Ok
14	P4995-02	VX044064.D	02 Dec 2024 14:30	JC/MD	Ok
15	P5001-05DL	VX044065.D	02 Dec 2024 14:52	JC/MD	Ok
16	P5001-06DL	VX044066.D	02 Dec 2024 15:15	JC/MD	Ok
17	P5001-09DL	VX044067.D	02 Dec 2024 15:38	JC/MD	Ok
18	P5001-10DL	VX044068.D	02 Dec 2024 16:01	JC/MD	Ok
19	P5001-01RE	VX044069.D	02 Dec 2024 16:24	JC/MD	Confirms
20	P5001-02RE	VX044070.D	02 Dec 2024 16:47	JC/MD	Confirms
21	P5001-03RE	VX044071.D	02 Dec 2024 17:10	JC/MD	Confirms

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QCBatch ID # VX120224

Review By	John Carlone	Review On	12/3/2024 9:50:50 AM
Supervise By	Maresh Dadoda	Supervise On	12/3/2024 1:39:36 PM
SubDirectory	VX120224	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131840		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131841,VP131842		

22	P5001-04RE	VX044072.D	02 Dec 2024 17:32	JC/MD	Confirms
23	P5001-08RE	VX044073.D	02 Dec 2024 17:55	JC/MD	Confirms
24	P5001-11RE	VX044074.D	02 Dec 2024 18:18	JC/MD	Confirms
25	PB165299TB	VX044075.D	02 Dec 2024 18:41	JC/MD	Ok
26	P5006-01	VX044076.D	02 Dec 2024 19:04	JC/MD	ReRun
27	P5006-02	VX044077.D	02 Dec 2024 19:27	JC/MD	ReRun
28	VSTDCCC050	VX044078.D	02 Dec 2024 19:50	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120324

Review By	John Carlone	Review On	12/4/2024 10:04:27 AM
Supervise By	Maresh Dadoda	Supervise On	12/4/2024 2:27:51 PM
SubDirectory	VX120324	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131874		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131875,VP131876		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044079.D	03 Dec 2024 09:09	JC/MD	Ok
2	VSTDCCC050	VX044080.D	03 Dec 2024 09:44	JC/MD	Ok,M
3	VX1203MBL01	VX044081.D	03 Dec 2024 10:11	JC/MD	Ok
4	VX1203WBL01	VX044082.D	03 Dec 2024 10:34	JC/MD	Ok
5	VX1203MBS01	VX044083.D	03 Dec 2024 10:57	JC/MD	Ok,M
6	VX1203MBS02	VX044084.D	03 Dec 2024 11:24	JC/MD	Ok,M
7	P5005-01	VX044085.D	03 Dec 2024 11:47	JC/MD	Ok
8	P4960-05	VX044086.D	03 Dec 2024 12:10	JC/MD	Ok
9	VX1203WBS01	VX044087.D	03 Dec 2024 13:01	JC/MD	Ok,M
10	P5006-01RE	VX044088.D	03 Dec 2024 13:24	JC/MD	Confirms
11	P5006-02	VX044089.D	03 Dec 2024 13:47	JC/MD	Ok,M
12	VX1203WBS02	VX044090.D	03 Dec 2024 14:10	JC/MD	Not Ok
13	P5006-03	VX044091.D	03 Dec 2024 14:33	JC/MD	ReRun
14	VX1203WBS03	VX044092.D	03 Dec 2024 14:56	JC/MD	Not Ok
15	P5006-05	VX044093.D	03 Dec 2024 15:19	JC/MD	ReRun
16	P5006-06	VX044094.D	03 Dec 2024 15:41	JC/MD	ReRun
17	P5006-07	VX044095.D	03 Dec 2024 16:04	JC/MD	Ok
18	P5006-08	VX044096.D	03 Dec 2024 16:27	JC/MD	ReRun
19	P5006-09	VX044097.D	03 Dec 2024 16:51	JC/MD	Dilution
20	P5006-10	VX044098.D	03 Dec 2024 17:14	JC/MD	Dilution
21	P5006-11	VX044099.D	03 Dec 2024 17:36	JC/MD	Dilution

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120324

Review By	John Carlone	Review On	12/4/2024 10:04:27 AM
Supervise By	Mahesh Dadoda	Supervise On	12/4/2024 2:27:51 PM
SubDirectory	VX120324	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131874		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131875,VP131876		

22	P5006-12	VX044100.D	03 Dec 2024 18:00	JC/MD	Dilution
23	P5006-13	VX044101.D	03 Dec 2024 18:23	JC/MD	ReRun
24	P5006-14	VX044102.D	03 Dec 2024 18:46	JC/MD	ReRun
25	P5006-15	VX044103.D	03 Dec 2024 19:09	JC/MD	ReRun
26	P5006-16	VX044104.D	03 Dec 2024 19:32	JC/MD	ReRun
27	P5006-17	VX044105.D	03 Dec 2024 19:55	JC/MD	ReRun
28	VX1203WBSD01	VX044106.D	03 Dec 2024 20:18	JC/MD	Ok,M
29	VSTDCCC050	VX044107.D	03 Dec 2024 20:41	JC/MD	Ok,M

M : Manual Integration

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120424

Review By	Mahesh Dadoda	Review On	12/5/2024 12:36:06 PM
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2024 12:36:46 PM
SubDirectory	VX120424	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131908		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131909,VP131910		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044108.D	04 Dec 2024 11:12	JC/MD	Ok
2	VSTDCCC050	VX044109.D	04 Dec 2024 12:12	JC/MD	Ok,M
3	VX1204MBL01	VX044110.D	04 Dec 2024 12:35	JC/MD	Ok
4	VX1204WBL01	VX044111.D	04 Dec 2024 12:58	JC/MD	Ok
5	VX1204WBS01	VX044112.D	04 Dec 2024 13:21	JC/MD	Ok,M
6	VX1204WBSD01	VX044113.D	04 Dec 2024 13:47	JC/MD	Ok,M
7	P5006-04	VX044114.D	04 Dec 2024 14:10	JC/MD	ReRun
8	IBLK	VX044115.D	04 Dec 2024 14:33	JC/MD	Ok
9	P5006-09DL	VX044116.D	04 Dec 2024 14:56	JC/MD	Ok
10	P5006-12DL	VX044117.D	04 Dec 2024 15:20	JC/MD	Ok
11	P5006-10DL	VX044118.D	04 Dec 2024 15:43	JC/MD	Ok
12	P5006-11DL	VX044119.D	04 Dec 2024 16:06	JC/MD	Ok
13	P5006-03RE	VX044120.D	04 Dec 2024 16:29	JC/MD	Confirms
14	P5006-05RE	VX044121.D	04 Dec 2024 16:52	JC/MD	Confirms
15	P5006-06RE	VX044122.D	04 Dec 2024 17:15	JC/MD	Confirms
16	P5006-08RE	VX044123.D	04 Dec 2024 17:38	JC/MD	Confirms
17	P5006-13RE	VX044124.D	04 Dec 2024 18:02	JC/MD	Confirms
18	P5006-14RE	VX044125.D	04 Dec 2024 18:25	JC/MD	Confirms
19	P5006-15RE	VX044126.D	04 Dec 2024 18:48	JC/MD	Confirms
20	P5006-16RE	VX044127.D	04 Dec 2024 19:11	JC/MD	Confirms
21	P5006-17RE	VX044128.D	04 Dec 2024 19:34	JC/MD	Confirms

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX120424

Review By	Mahesh Dadoda	Review On	12/5/2024 12:36:06 PM
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2024 12:36:46 PM
SubDirectory	VX120424	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131908		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131909,VP131910		

22	P5006-04RE	VX044129.D	04 Dec 2024 19:57	JC/MD	Confirms
23	IBLK	VX044130.D	04 Dec 2024 20:21	JC/MD	Ok
24	P5093-01	VX044131.D	04 Dec 2024 20:44	JC/MD	Ok
25	P5093-02	VX044132.D	04 Dec 2024 21:07	JC/MD	Ok
26	P5093-03	VX044133.D	04 Dec 2024 21:30	JC/MD	Ok
27	VSTDCCC050	VX044134.D	04 Dec 2024 21:53	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM
Supervise By	Maresh Dadoda	Supervise On	11/22/2024 3:34:00 PM
SubDirectory	VX112124	HP Acquire Method	HP Processing Method 82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk	VP131686,VP131690
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721
CCC	VP131691
Internal Standard/PEM	
ICV/I.BLK	VP131722
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX043915.D	20 Nov 2024 15:43		JC/MD	Not Ok
2	VSTDICC001	VSTDICC001	VX043916.D	20 Nov 2024 16:11	%D failed for Comp. #71,74,90,92 in 01 PPB	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX043917.D	20 Nov 2024 16:57	%D failed for Comp. #81 in 05 PPB	JC/MD	Not Ok
4	VSTDICC020	VSTDICC020	VX043918.D	20 Nov 2024 17:20		JC/MD	Not Ok
5	VSTDICCC050	VSTDICCC050	VX043919.D	20 Nov 2024 17:43		JC/MD	Not Ok
6	VSTDICC100	VSTDICC100	VX043920.D	20 Nov 2024 18:06		JC/MD	Not Ok
7	VSTDICC150	VSTDICC150	VX043921.D	20 Nov 2024 18:30		JC/MD	Not Ok
8	IBLK	IBLK	VX043922.D	20 Nov 2024 18:53		JC/MD	Not Ok
9	VSTDICV050	ICVVX112124	VX043923.D	20 Nov 2024 19:16	Failed	JC/MD	Not Ok
10	BFB	BFB	VX043924.D	21 Nov 2024 08:51		JC/MD	Ok
11	VSTDICC001	VSTDICC001	VX043925.D	21 Nov 2024 09:47	%D failed for Comp. #71 in 01 PPB	JC/MD	Ok,M
12	VSTDICC005	VSTDICC005	VX043926.D	21 Nov 2024 10:14	QR- 58,71	JC/MD	Ok,M
13	VSTDICC020	VSTDICC020	VX043927.D	21 Nov 2024 10:37		JC/MD	Ok,M
14	VSTDICCC050	VSTDICCC050	VX043928.D	21 Nov 2024 11:17		JC/MD	Ok,M
15	VSTDICC100	VSTDICC100	VX043929.D	21 Nov 2024 11:40		JC/MD	Ok,M
16	VSTDICC150	VSTDICC150	VX043930.D	21 Nov 2024 12:03		JC/MD	Ok,M
17	IBLK	IBLK	VX043931.D	21 Nov 2024 12:27		JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX112124

Review By	John Carlone	Review On	11/21/2024 9:44:50 AM
Supervise By	Maresh Dadoda	Supervise On	11/22/2024 3:34:00 PM
SubDirectory	VX112124	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP131686,VP131690		
Initial Calibration Stds	VP131716,VP131717,VP131718,VP131719,VP131720,VP131721		
CCC	VP131691		
Internal Standard/PEM			
ICV/I.BLK	VP131722		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	VSTDICV050	ICVVX112124	VX043932.D	21 Nov 2024 13:57		JC/MD	Ok,M
19	VX1121MBL01	VX1121MBL01	VX043933.D	21 Nov 2024 14:27		JC/MD	Ok
20	VX1121WBL01	VX1121WBL01	VX043934.D	21 Nov 2024 14:50		JC/MD	Ok
21	VX1121WBS01	VX1121WBS01	VX043935.D	21 Nov 2024 15:13		JC/MD	Ok,M
22	VX1121WBSD01	VX1121WBSD01	VX043936.D	21 Nov 2024 15:40		JC/MD	Ok,M
23	P4921-01	WC-11-A-202411	VX043937.D	21 Nov 2024 16:03	vial B pH#5.0	JC/MD	Ok
24	P4934-01	TB-01-20241118	VX043938.D	21 Nov 2024 16:27	vial A pH<2 TB;	JC/MD	Ok
25	P4934-09	FB-01-20241119	VX043939.D	21 Nov 2024 16:50	vial A pH<2 FB;	JC/MD	Ok
26	P4934-11	RB-01-20241119	VX043940.D	21 Nov 2024 17:13	vial A pH<2	JC/MD	Ok
27	P4934-02	BPOW6-11-20241118	VX043941.D	21 Nov 2024 17:36	vial A pH<2	JC/MD	Ok
28	P4934-03	BPOW6-7-20241118	VX043942.D	21 Nov 2024 17:59	vial A pH<2	JC/MD	Ok
29	P4934-08	BPOW6-9-20241119	VX043943.D	21 Nov 2024 18:23	vial A pH<2	JC/MD	Ok
30	P4934-10	BPOW6-8-20241119	VX043944.D	21 Nov 2024 18:46	vial A pH<2	JC/MD	Ok
31	P4934-04	DUP-01-20241118	VX043945.D	21 Nov 2024 19:09	vial A pH<2	JC/MD	Ok
32	P4934-12	DUP-02-20241119	VX043946.D	21 Nov 2024 19:32	vial A pH<2	JC/MD	Ok
33	P4934-05	BPOW6-10-20241119	VX043947.D	21 Nov 2024 19:55	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX043948.D	21 Nov 2024 20:18		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120224

Review By	John Carlone	Review On	12/3/2024 9:50:50 AM
Supervise By	Maresh Dadoda	Supervise On	12/3/2024 1:39:36 PM
SubDirectory	VX120224	HP Acquire Method	HP Processing Method 82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP131840
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131841,VP131842

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044051.D	02 Dec 2024 08:35		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044052.D	02 Dec 2024 09:45	V13516	JC/MD	Ok,M
3	VX1202MBL01	VX1202MBL01	VX044053.D	02 Dec 2024 10:14		JC/MD	Ok
4	VX1202WBL01	VX1202WBL01	VX044054.D	02 Dec 2024 10:37		JC/MD	Ok
5	VX1202WBS01	VX1202WBS01	VX044055.D	02 Dec 2024 11:00		JC/MD	Ok,M
6	VX1202WBSD01	VX1202WBSD01	VX044056.D	02 Dec 2024 11:27		JC/MD	Ok,M
7	P5021-02	MW-08	VX044057.D	02 Dec 2024 11:49	vial B pH<2	JC/MD	Ok
8	P5021-06DL	MW-12DL	VX044058.D	02 Dec 2024 12:12	vial B pH<2	JC/MD	Ok
9	P5021-01	MW-06	VX044059.D	02 Dec 2024 12:35	vial B pH<2	JC/MD	Ok,M
10	P5021-03	MW-10	VX044060.D	02 Dec 2024 12:58	vial B pH<2	JC/MD	Ok
11	P5021-04	MW-11	VX044061.D	02 Dec 2024 13:21	vial B pH<2	JC/MD	Ok
12	P5021-05	MW-13	VX044062.D	02 Dec 2024 13:44	vial B pH<2	JC/MD	Ok
13	PB165251TB	PB165251TB	VX044063.D	02 Dec 2024 14:07		JC/MD	Ok
14	P4995-02	001	VX044064.D	02 Dec 2024 14:30	vial A pH#5.0	JC/MD	Ok
15	P5001-05DL	SPLP-C2-2DL	VX044065.D	02 Dec 2024 14:52	vial B pH#6.0	JC/MD	Ok
16	P5001-06DL	SPLP-C2-3DL	VX044066.D	02 Dec 2024 15:15	vial B pH#6.0	JC/MD	Ok
17	P5001-09DL	SPLP-C3-2DL	VX044067.D	02 Dec 2024 15:38	vial B pH#6.0	JC/MD	Ok
18	P5001-10DL	SPLP-C3-3DL	VX044068.D	02 Dec 2024 16:01	vial B pH#6.0	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120224

Review By	John Carlone	Review On	12/3/2024 9:50:50 AM
Supervise By	Maresh Dadoda	Supervise On	12/3/2024 1:39:36 PM
SubDirectory	VX120224	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131840		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131841,VP131842		
19	P5001-01RE	SPLP-C1-1RE	VX044069.D 02 Dec 2024 16:24 vial B pH#6.0 Surrogate fail JC/MD Confirms
20	P5001-02RE	SPLP-C1-2RE	VX044070.D 02 Dec 2024 16:47 vial B pH#6.0 Surrogate fail JC/MD Confirms
21	P5001-03RE	SPLP-C1-3RE	VX044071.D 02 Dec 2024 17:10 vial B pH#6.0 Surrogate fail JC/MD Confirms
22	P5001-04RE	SPLP-C2-1RE	VX044072.D 02 Dec 2024 17:32 vial B pH#6.0 Surrogate fail JC/MD Confirms
23	P5001-08RE	SPLP-C3-1RE	VX044073.D 02 Dec 2024 17:55 vial B pH#6.0 Surrogate fail JC/MD Confirms
24	P5001-11RE	SPLP-C4-1RE	VX044074.D 02 Dec 2024 18:18 vial B pH#6.0 Surrogate fail JC/MD Confirms
25	PB165299TB	PB165299TB	VX044075.D 02 Dec 2024 18:41 JC/MD Ok
26	P5006-01	SPLP-C4-2	VX044076.D 02 Dec 2024 19:04 vial A pH#6.0 Surrogate fail JC/MD ReRun
27	P5006-02	SPLP-C4-3	VX044077.D 02 Dec 2024 19:27 vial A pH#6.0 Surrogate fail JC/MD ReRun
28	VSTDCCC050	VSTDCCC050EC	VX044078.D 02 Dec 2024 19:50 JC/MD Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120324

Review By	John Carlone	Review On	12/4/2024 10:04:27 AM
Supervise By	Maresh Dadoda	Supervise On	12/4/2024 2:27:51 PM
SubDirectory	VX120324	HP Acquire Method	HP Processing Method 82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP131874
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131875,VP131876

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044079.D	03 Dec 2024 09:09		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044080.D	03 Dec 2024 09:44	V13516	JC/MD	Ok,M
3	VX1203MBL01	VX1203MBL01	VX044081.D	03 Dec 2024 10:11		JC/MD	Ok
4	VX1203WBL01	VX1203WBL01	VX044082.D	03 Dec 2024 10:34		JC/MD	Ok
5	VX1203MBS01	VX1203MBS01	VX044083.D	03 Dec 2024 10:57		JC/MD	Ok,M
6	VX1203MBS02	VX1203MBS02	VX044084.D	03 Dec 2024 11:24		JC/MD	Ok,M
7	P5005-01	STOCK-PILE	VX044085.D	03 Dec 2024 11:47		JC/MD	Ok
8	P4960-05	SW3	VX044086.D	03 Dec 2024 12:10		JC/MD	Ok
9	VX1203WBS01	VX1203WBS01	VX044087.D	03 Dec 2024 13:01		JC/MD	Ok,M
10	P5006-01RE	SPLP-C4-2RE	VX044088.D	03 Dec 2024 13:24	vial B Surrogate Fail, pH#6.0	JC/MD	Confirms
11	P5006-02	SPLP-C4-3	VX044089.D	03 Dec 2024 13:47	vial B pH#6.0	JC/MD	Ok,M
12	VX1203WBS02	VX1203WBS02	VX044090.D	03 Dec 2024 14:10	Recovery fail	JC/MD	Not Ok
13	P5006-03	SPLP-C5-1	VX044091.D	03 Dec 2024 14:33	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
14	VX1203WBS03	VX1203WBS03	VX044092.D	03 Dec 2024 14:56	Recovery fail	JC/MD	Not Ok
15	P5006-05	SPLP-C5-3	VX044093.D	03 Dec 2024 15:19	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
16	P5006-06	SPLP-C6-1	VX044094.D	03 Dec 2024 15:41	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
17	P5006-07	SPLP-C6-2	VX044095.D	03 Dec 2024 16:04	vial A pH#6.0	JC/MD	Ok
18	P5006-08	SPLP-C6-3	VX044096.D	03 Dec 2024 16:27	vial A pH#6.0 Surrogate fail	JC/MD	ReRun

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120324

Review By	John Carlone	Review On	12/4/2024 10:04:27 AM
Supervise By	Maresh Dadoda	Supervise On	12/4/2024 2:27:51 PM
SubDirectory	VX120324	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131874		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131875,VP131876		

19	P5006-09	SPLP-C10-1	VX044097.D	03 Dec 2024 16:51	vial A pH#6.0 Surrogate fail; Need 5X	JC/MD	Dilution
20	P5006-10	SPLP-C10-2	VX044098.D	03 Dec 2024 17:14	vial A pH#6.0 Surrogate fail; Need 20X	JC/MD	Dilution
21	P5006-11	SPLP-C10-3	VX044099.D	03 Dec 2024 17:36	vial A pH#6.0 Need 20X	JC/MD	Dilution
22	P5006-12	SPLP-C11-1	VX044100.D	03 Dec 2024 18:00	vial A pH#6.0 E Flag in Previous Sample; Surrogate fail; Need 5X	JC/MD	Dilution
23	P5006-13	SPLP-C11-2	VX044101.D	03 Dec 2024 18:23	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
24	P5006-14	SPLP-C11-3	VX044102.D	03 Dec 2024 18:46	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
25	P5006-15	SPLP-C12-1	VX044103.D	03 Dec 2024 19:09	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
26	P5006-16	SPLP-C12-2	VX044104.D	03 Dec 2024 19:32	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
27	P5006-17	SPLP-C12-3	VX044105.D	03 Dec 2024 19:55	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
28	VX1203WBSD01	VX1203WBSD01	VX044106.D	03 Dec 2024 20:18		JC/MD	Ok,M
29	VSTDCCC050	VSTDCCC050EC	VX044107.D	03 Dec 2024 20:41		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120424

Review By	Maresh Dadoda	Review On	12/5/2024 12:36:06 PM
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2024 12:36:46 PM
SubDirectory	VX120424	HP Acquire Method	HP Processing Method 82X112124W.M

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds	VP131908
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131909,VP131910

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044108.D	04 Dec 2024 11:12		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044109.D	04 Dec 2024 12:12	V13516	JC/MD	Ok,M
3	VX1204MBL01	VX1204MBL01	VX044110.D	04 Dec 2024 12:35		JC/MD	Ok
4	VX1204WBL01	VX1204WBL01	VX044111.D	04 Dec 2024 12:58		JC/MD	Ok
5	VX1204WBS01	VX1204WBS01	VX044112.D	04 Dec 2024 13:21		JC/MD	Ok,M
6	VX1204WBSD01	VX1204WBSD01	VX044113.D	04 Dec 2024 13:47		JC/MD	Ok,M
7	P5006-04	SPLP-C5-2	VX044114.D	04 Dec 2024 14:10	vial A pH#6.0 Surrogate fail	JC/MD	ReRun
8	IBLK	IBLK	VX044115.D	04 Dec 2024 14:33		JC/MD	Ok
9	P5006-09DL	SPLP-C10-1DL	VX044116.D	04 Dec 2024 14:56	vial B pH#6.0	JC/MD	Ok
10	P5006-12DL	SPLP-C11-1DL	VX044117.D	04 Dec 2024 15:20	vial B pH#6.0	JC/MD	Ok
11	P5006-10DL	SPLP-C10-2DL	VX044118.D	04 Dec 2024 15:43	vial B pH#6.0	JC/MD	Ok
12	P5006-11DL	SPLP-C10-3DL	VX044119.D	04 Dec 2024 16:06	vial B pH#6.0	JC/MD	Ok
13	P5006-03RE	SPLP-C5-1RE	VX044120.D	04 Dec 2024 16:29	Surrogate fail	JC/MD	Confirms
14	P5006-05RE	SPLP-C5-3RE	VX044121.D	04 Dec 2024 16:52	Surrogate fail	JC/MD	Confirms
15	P5006-06RE	SPLP-C6-1RE	VX044122.D	04 Dec 2024 17:15	Surrogate fail	JC/MD	Confirms
16	P5006-08RE	SPLP-C6-3RE	VX044123.D	04 Dec 2024 17:38	Surrogate fail	JC/MD	Confirms
17	P5006-13RE	SPLP-C11-2RE	VX044124.D	04 Dec 2024 18:02	Surrogate fail	JC/MD	Confirms
18	P5006-14RE	SPLP-C11-3RE	VX044125.D	04 Dec 2024 18:25	Surrogate fail	JC/MD	Confirms

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX120424

Review By	Maresh Dadoda	Review On	12/5/2024 12:36:06 PM
Supervise By	Semsettin Yesilyurt	Supervise On	12/5/2024 12:36:46 PM
SubDirectory	VX120424	HP Acquire Method	HP Processing Method 82X112124W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP131908		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP131909,VP131910		

19	P5006-15RE	SPLP-C12-1RE	VX044126.D	04 Dec 2024 18:48	Surrogate fail	JC/MD	Confirms
20	P5006-16RE	SPLP-C12-2RE	VX044127.D	04 Dec 2024 19:11	Surrogate fail	JC/MD	Confirms
21	P5006-17RE	SPLP-C12-3RE	VX044128.D	04 Dec 2024 19:34	Surrogate fail	JC/MD	Confirms
22	P5006-04RE	SPLP-C5-2RE	VX044129.D	04 Dec 2024 19:57	Surrogate fail	JC/MD	Confirms
23	IBLK	IBLK	VX044130.D	04 Dec 2024 20:21		JC/MD	Ok
24	P5093-01	LL-001	VX044131.D	04 Dec 2024 20:44	vial A pH<2	JC/MD	Ok
25	P5093-02	LL-001-FB-12-4-24	VX044132.D	04 Dec 2024 21:07	vial A pH<2 FB	JC/MD	Ok
26	P5093-03	TB-12-4-24	VX044133.D	04 Dec 2024 21:30	vial A pH<2 TB	JC/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VX044134.D	04 Dec 2024 21:53		JC/MD	Ok,M

M : Manual Integration



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

P5006

COC Number: 2042106

Page 1 of 1

CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442

FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442

FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-836-8228

DATA TURNAROUND INFORMATION

FAX: 5 DAYS*
HARD COPY: DAYS*
EDD 5 DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD Format

ANALYSIS

SPLP for VOCs	Metals	Flashpoint + PCB	VOC	SVOC + Chloride (Anions)	BOD+TSS				
1	2	3	4	5	6	7	8	9	

PRESERVATIVES

COMMENTS

<- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										
			COMP	GRAB	DATE	TIME		E	B	E	E	E	E				
1.	SPLP-C4-2	Soil		X	11/25	10:00	1	X									
2.	SPLP-C4-3	Soil		X	11/25	10:00	1	X									
3.	SPLP-C5-1	Soil		X	11/25	10:00	1	X									
4.	SPLP-C5-2	Soil		X	11/25	10:00	1	X									
5.	SPLP-C5-3	Soil		X	11/25	10:00	1	X									
6.	SPLP-C6-1	Soil		X	11/25	10:00	1	X									
7.	SPLP-C6-2	Soil		X	11/25	10:00	1	X									
8.	SPLP-C6-3	Soil		X	11/25	10:00	1	X									
9.	SPLP-C10-1	Soil		X	11/25	10:00	1	X									
10.	SPLP-C10-2	Soil		X	11/25	10:00	1	X									

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. Jarod Stanfield	DATE/TIME 11/26 10:17	RECEIVED BY 	1020 11-26-24	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 2.8°C ☐ Ice in Cooler?:
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY		Comments:
RELINQUISHED BY 	DATE/TIME 11-26-24	RECEIVED FOR LAB BY 3.		

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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CHAIN OF CUSTODY RECORD

Alliance Project Number:

P5006

COC Number: 2042106

Page 2 of 2

CLIENT INFORMATION

PROJECT INFORMATION

BILLING INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442 FAX:

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442 FAX:

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont STATE: IL ZIP: 60559

ATTENTION: Wendy Murray PHONE: 800-936-8228

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

ANALYSIS

FAX: 5 DAYS*

HARD COPY: DAYS*

EDD 5 DAYS*

* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

- ☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

SPLP for VOCs	Metals	Flashpoint + PCB	VOC	SVOC+Chloride (Anions)	BOD+TSS			
10	11	12	13	14	15	16		

PRESERVATIVES

COMMENTS

<- Specify Preservatives

A-HCl B-HNO3

C-H2SO4 D-NaOH

E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	B	E	E	E					
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	SPLP-C10-3	Soil		X	11/25	13:00	1	X									
2.	SPLP-C11-1	Soil		X	11/25	13:00	1	X									
3.	SPLP-C11-2	Soil		X	11/25	13:00	1	X									
4.	SPLP-C11-3	Soil		X	11/25	13:00	1	X									
5.	SPLP-C12-1	Soil		X	11/25	13:00	1	X									
6.	SPLP-C12-2	Soil		X	11/25	13:00	1	X									
7.	SPLP-C12-3	Soil		X	11/25	13:00	1	X									
8.	TW-WTS-02	Surface Water		X	11/25	15:30	4		X	X	X	X	X				
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER 1. Jarod Stanfield	DATE/TIME 11/26 10:17	RECEIVED BY 1. [Signature] 1020 11-26-24	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 28°C ☐ Ice in Cooler?:
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	Comments:
RELINQUISHED BY 3. [Signature]	DATE/TIME 11-26-24	RECEIVED FOR LAB BY 3.	Page 2 of 2
SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight ALLIANCE: ☐ Picked Up ☐ Overnight			Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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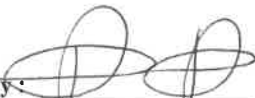
Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5006	ENTA05	Order Date : 11/26/2024 11:21:00 AM	Project Mgr : Kiran
Client Name : ENTACT		Project Name : 540 Degraw St, Brooklyn, N	Report Type : Level 1
Client Contact : Jarod Stanfield		Receive DateTime : 11/26/2024 2:20:00 PM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order :	Hard Copy Date :
Invoice Contact : Jarod Stanfield			Date Signoff : 11/26/2024 2:43:40 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5006-18	TW-WTS-02	Water	11/25/2024	15:30		VOCMS Group4	8260-Low		5 Bus. Days

Relinquished By: 

Date / Time : 11-26-24 1530

Received By: 

Date / Time : 11/26/24 15:30 Rg H 4

Storage Area : VOA Refridgerator Room