284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : HILLSIDE

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2018

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2018

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : G Environmental

Project Location :

Project Number :

Laboratory Sample ID(s) : Q2018

Sampling Date(s) : 5/12/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☑ Yes ☐ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

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Cover Page

Order ID : Q2018

Project ID : Hillside

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2018-04	MW2
Q2018-05	MW3
Q2018-06	FB

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 : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:59 pm, May 21, 2025

Date: 5/19/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Hillside
Project # N/A
Order ID # Q2018
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
3 Water samples were received on 05/12/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

Sample MW2 was diluted due to high concentration.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

The Sample #MW2DL have the concentration of target compound below Method detection limits, therefore it is not reported as Hit in Form1.

Trip Blank was not provided with this set of samples.

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Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is >20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 2:59 pm, May 21, 2025

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908-789-8900 Fax: 908-789-8922

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 is 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2018

	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 Castody	✓
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: SOHIL JODHANI **Date:** 05/19/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2018

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW2**								
Q2018-04	MW2	Water	Tert butyl alcohol		9300	E	5.50	25.0	ug/L
Q2018-04	MW2	Water	Acetone		21.0		1.50	5.00	ug/L
Q2018-04	MW2	Water	2-Butanone		6.40		0.98	5.00	ug/L
Q2018-04	MW2	Water	Benzene		55.6		0.15	1.00	ug/L
Q2018-04	MW2	Water	Toluene		1.40		0.14	1.00	ug/L
Q2018-04	MW2	Water	Tetrachloroethene		0.51	J	0.23	1.00	ug/L
Q2018-04	MW2	Water	Ethyl Benzene		1.20		0.13	1.00	ug/L
Q2018-04	MW2	Water	m/p-Xylenes		1.60	J	0.24	2.00	ug/L
Q2018-04	MW2	Water	o-Xylene		0.38	J	0.12	1.00	ug/L
			Total Voc :		9390				
Q2018-04	MW2	Water	Butane, 2-methyl-	*	190	J	0	0	ug/L
Q2018-04	MW2	Water	Butane, 2,3-dimethyl-	*	210	J	0	0	ug/L
Q2018-04	MW2	Water	Pentane, 3-methyl-	*	170	J	0	0	ug/L
Q2018-04	MW2	Water	Cyclopentane, methyl-	*	88.0	J	0	0	ug/L
Q2018-04	MW2	Water	unknown2.819	*	64.0	J	0	0	ug/L
Q2018-04	MW2	Water	Pentane, 2,4-dimethyl-	*	55.9	J	0	0	ug/L
Q2018-04	MW2	Water	Benzene, 1,2,3,5-tetramethyl-	*	74.9	J	0	0	ug/L
Q2018-04	MW2	Water	Pentane, 2,3,3-trimethyl-	*	200	J	0	0	ug/L
Q2018-04	MW2	Water	Pentane, 2,3-dimethyl-	*	100	J	0	0	ug/L
Q2018-04	MW2	Water	Pentane, 2,3,4-trimethyl-	*	120	J	0	0	ug/L
Q2018-04	MW2	Water	Butane, 2,2,3,3-tetramethyl-	*	190	J	0	0	ug/L
Q2018-04	MW2	Water	Benzene, 1-ethenyl-2-methyl-	*	220	J	0	0	ug/L
Q2018-04	MW2	Water	Benzene, (2-methyl-1-propenyl	*	68.8	J	0	0	ug/L
Q2018-04	MW2	Water	1-Phenyl-1-butene	*	57.3	J	0	0	ug/L
Q2018-04	MW2	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	42.7	J	0	0	ug/L
Q2018-04	MW2	Water	Cyclohexane	*	14.5	J	1.50	5.00	ug/L
Q2018-04	MW2	Water	Methylcyclohexane	*	14.1	J	0.16	1.00	ug/L
Q2018-04	MW2	Water	Isopropylbenzene	*	68.2	J	0.12	1.00	ug/L
Q2018-04	MW2	Water	n-propylbenzene	*	160	J	0.13	1.00	ug/L
Q2018-04	MW2	Water	tert-Butylbenzene	*	0.86	J	0.14	1.00	ug/L
Q2018-04	MW2	Water	sec-Butylbenzene	*	14.2	J	0.13	1.00	ug/L
Q2018-04	MW2	Water	n-Butylbenzene	*	17.3	J	0.15	1.00	ug/L
Q2018-04	MW2	Water	Naphthalene	*	2.80	J	0.20	1.00	ug/L
			Total Tics :		2140				
			Total Concentration:		11500				
Client ID:	**MW2DL**								

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Hit Summary Sheet
SW-846

SDG No.: Q2018

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2018-04DL	MW2DL	Water	Tert butyl alcohol		7300	D	220	1000	ug/L
Q2018-04DL	MW2DL	Water	Benzene		51.5	D	6.00	40.0	ug/L
			Total Voc :		7350				
			Total Concentration:		7350				
Client ID:	**MW3**								
Q2018-05	MW3	Water	Tert butyl alcohol		140		5.50	25.0	ug/L
Q2018-05	MW3	Water	Acetone		8.30		1.50	5.00	ug/L
Q2018-05	MW3	Water	Methyl tert-butyl Ether		0.74	J	0.16	1.00	ug/L
			Total Voc :		149				
Q2018-05	MW3	Water	Benzene, 1,2,4,5-tetramethyl-	*	11.2	J	0	0	ug/L
Q2018-05	MW3	Water	Benzene, 1,2-diethyl-	*	6.80	J	0	0	ug/L
Q2018-05	MW3	Water	Pentane, 2,3,3-trimethyl-	*	41.5	J	0	0	ug/L
Q2018-05	MW3	Water	Pentane, 2,3,4-trimethyl-	*	20.6	J	0	0	ug/L
Q2018-05	MW3	Water	Benzene, 1,2-bis(1-methylethyl	*	5.20	J	0	0	ug/L
Q2018-05	MW3	Water	2-Pentanone, 4,4-dimethyl-	*	8.60	J	0	0	ug/L
Q2018-05	MW3	Water	Hexane, 2,2-dimethyl-	*	23.7	J	0	0	ug/L
Q2018-05	MW3	Water	2-Butanol, 2,3-dimethyl-	*	83.9	J	0	0	ug/L
Q2018-05	MW3	Water	Benzene, pentamethyl-	*	7.30	J	0	0	ug/L
Q2018-05	MW3	Water	unknown9.445	*	15.6	J	0	0	ug/L
Q2018-05	MW3	Water	3,4-Dimethyl-2-pentanone	*	7.60	J	0	0	ug/L
Q2018-05	MW3	Water	Isopropylbenzene	*	3.50	J	0.12	1.00	ug/L
Q2018-05	MW3	Water	n-propylbenzene	*	0.63	J	0.13	1.00	ug/L
Q2018-05	MW3	Water	tert-Butylbenzene	*	1.30	J	0.14	1.00	ug/L
Q2018-05	MW3	Water	Naphthalene	*	1.50	J	0.20	1.00	ug/L
			Total Tics :		239				
			Total Concentration:		388				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	05/12/25
Project:	Hillside	Date Received:	05/12/25
Client Sample ID:	MW2	SDG No.:	Q2018
Lab Sample ID:	Q2018-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046177.D	1		05/13/25 19:28	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	9300	E	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	21.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	6.40		0.98	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	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	55.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	1.40		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.51	J	0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental		Date Collected:	05/12/25	
Project:	Hillside		Date Received:	05/12/25	
Client Sample ID:	MW2		SDG No.:	Q2018	
Lab Sample ID:	Q2018-04		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046177.D	1		05/13/25 19:28	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	1.20		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	1.60	J	0.24	2.00	ug/L
95-47-6	o-Xylene	0.38	J	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		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	54.2		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68400	5.55			
540-36-3	1,4-Difluorobenzene	136000	6.757			
3114-55-4	Chlorobenzene-d5	128000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	58300	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000078-78-4	Butane, 2-methyl-	190	J		1.73	ug/L
000079-29-8	Butane, 2,3-dimethyl-	210	J		2.77	ug/L
000107-83-5	unknown2.819	64.0	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	170	J		3.09	ug/L
000108-08-7	Pentane, 2,4-dimethyl-	55.9	J		4.20	ug/L
000096-37-7	Cyclopentane, methyl-	88.0	J		4.29	ug/L
110-82-7	Cyclohexane	14.5	J		5.48	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	100	J		5.61	ug/L
000594-82-1	Butane, 2,2,3,3-tetramethyl-	190	J		6.25	ug/L
108-87-2	Methylcyclohexane	14.1	J		7.37	ug/L
000565-75-3	Pentane, 2,3,4-trimethyl-	120	J		7.98	ug/L
000560-21-4	Pentane, 2,3,3-trimethyl-	200	J		8.10	ug/L
98-82-8	Isopropylbenzene	68.2	J		11.0	ug/L
103-65-1	n-propylbenzene	160	J		11.3	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	05/12/25
Project:	Hillside	Date Received:	05/12/25
Client Sample ID:	MW2	SDG No.:	Q2018
Lab Sample ID:	Q2018-04	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046177.D	1		05/13/25 19:28	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
98-06-6	tert-Butylbenzene	0.86	J		11.7	ug/L
135-98-8	sec-Butylbenzene	14.2	J		11.9	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	220	J		12.2	ug/L
104-51-8	n-Butylbenzene	17.3	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	42.7	J		12.6	ug/L
000768-49-0	Benzene, (2-methyl-1-propenyl)-	68.8	J		12.7	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	74.9	J		12.9	ug/L
000824-90-8	1-Phenyl-1-butene	57.3	J		13.3	ug/L
91-20-3	Naphthalene	2.80	J		13.8	ug/L

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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/12/25
Project:	Hillside	Date Received:	05/12/25
Client Sample ID:	MW2DL	SDG No.:	Q2018
Lab Sample ID:	Q2018-04DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046193.D	40		05/14/25 14:45	VX051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	12.8	UD	12.8	40.0	ug/L
75-01-4	Vinyl Chloride	10.4	UD	10.4	40.0	ug/L
74-83-9	Bromomethane	57.6	UD	57.6	200	ug/L
75-00-3	Chloroethane	18.8	UD	18.8	40.0	ug/L
75-65-0	Tert butyl alcohol	7300	D	220	1000	ug/L
75-35-4	1,1-Dichloroethene	9.20	UD	9.20	40.0	ug/L
67-64-1	Acetone	60.4	UD	60.4	200	ug/L
75-15-0	Carbon Disulfide	8.40	UD	8.40	40.0	ug/L
1634-04-4	Methyl tert-butyl Ether	6.40	UD	6.40	40.0	ug/L
75-09-2	Methylene Chloride	11.2	UD	11.2	40.0	ug/L
156-60-5	trans-1,2-Dichloroethene	9.20	UD	9.20	40.0	ug/L
75-34-3	1,1-Dichloroethane	9.20	UD	9.20	40.0	ug/L
78-93-3	2-Butanone	39.2	UD	39.2	200	ug/L
56-23-5	Carbon Tetrachloride	10.0	UD	10.0	40.0	ug/L
156-59-2	cis-1,2-Dichloroethene	7.60	UD	7.60	40.0	ug/L
67-66-3	Chloroform	10.0	UD	10.0	40.0	ug/L
71-55-6	1,1,1-Trichloroethane	8.00	UD	8.00	40.0	ug/L
71-43-2	Benzene	51.5	D	6.00	40.0	ug/L
107-06-2	1,2-Dichloroethane	8.80	UD	8.80	40.0	ug/L
79-01-6	Trichloroethene	3.70	UD	3.70	40.0	ug/L
78-87-5	1,2-Dichloropropane	8.00	UD	8.00	40.0	ug/L
75-27-4	Bromodichloromethane	8.80	UD	8.80	40.0	ug/L
108-10-1	4-Methyl-2-Pentanone	27.2	UD	27.2	200	ug/L
108-88-3	Toluene	5.60	UD	5.60	40.0	ug/L
10061-02-6	t-1,3-Dichloropropene	6.80	UD	6.80	40.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	6.40	UD	6.40	40.0	ug/L
79-00-5	1,1,2-Trichloroethane	8.40	UD	8.40	40.0	ug/L
591-78-6	2-Hexanone	35.6	UD	35.6	200	ug/L
124-48-1	Dibromochloromethane	7.20	UD	7.20	40.0	ug/L
127-18-4	Tetrachloroethene	9.20	UD	9.20	40.0	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	05/12/25
Project:	Hillside	Date Received:	05/12/25
Client Sample ID:	MW2DL	SDG No.:	Q2018
Lab Sample ID:	Q2018-04DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046193.D	40		05/14/25 14:45	VX051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	4.80	UD	4.80	40.0	ug/L
100-41-4	Ethyl Benzene	5.20	UD	5.20	40.0	ug/L
179601-23-1	m/p-Xylenes	9.60	UD	9.60	80.0	ug/L
95-47-6	o-Xylene	4.80	UD	4.80	40.0	ug/L
100-42-5	Styrene	6.00	UD	6.00	40.0	ug/L
75-25-2	Bromoform	7.60	UD	7.60	40.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	10.4	UD	10.4	40.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	71200	5.55			
540-36-3	1,4-Difluorobenzene	140000	6.757			
3114-55-4	Chlorobenzene-d5	132000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	59000	12.018			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/12/25
Project:	Hillside	Date Received:	05/12/25
Client Sample ID:	MW3	SDG No.:	Q2018
Lab Sample ID:	Q2018-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046178.D	1		05/13/25 19:52	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	140		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	8.30		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.74	J	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	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	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental		Date Collected:	05/12/25	
Project:	Hillside		Date Received:	05/12/25	
Client Sample ID:	MW3		SDG No.:	Q2018	
Lab Sample ID:	Q2018-05		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046178.D	1		05/13/25 19:52	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.9		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.4		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	66200	5.55			
540-36-3	1,4-Difluorobenzene	131000	6.757			
3114-55-4	Chlorobenzene-d5	123000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	53600	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000590-73-8	Hexane, 2,2-dimethyl-	23.7	J		6.24	ug/L
000565-75-3	Pentane, 2,3,4-trimethyl-	20.6	J		7.98	ug/L
000560-21-4	Pentane, 2,3,3-trimethyl-	41.5	J		8.10	ug/L
000594-60-5	2-Butanol, 2,3-dimethyl-	83.9	J		8.42	ug/L
000590-50-1	2-Pentanone, 4,4-dimethyl-	8.60	J		9.24	ug/L
002568-93-6	unknown9.445	15.6	J		9.45	ug/L
1000202-23-1	3,4-Dimethyl-2-pentanone	7.60	J		9.95	ug/L
98-82-8	Isopropylbenzene	3.50	J		11.0	ug/L
103-65-1	n-propylbenzene	0.63	J		11.3	ug/L
98-06-6	tert-Butylbenzene	1.30	J		11.7	ug/L
000135-01-3	Benzene, 1,2-diethyl-	6.80	J		12.2	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	11.2	J		12.9	ug/L
000577-55-9	Benzene, 1,2-bis(1-methylethyl)-	5.20	J		13.2	ug/L
91-20-3	Naphthalene	1.50	J		13.8	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	05/12/25
Project:	Hillside	Date Received:	05/12/25
Client Sample ID:	MW3	SDG No.:	Q2018
Lab Sample ID:	Q2018-05	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046178.D	1		05/13/25 19:52	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000700-12-9	Benzene, pentamethyl-	7.30	J		14.3	ug/L

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

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Report of Analysis

Client:	G Environmental	Date Collected:	05/12/25
Project:	Hillside	Date Received:	05/12/25
Client Sample ID:	FB	SDG No.:	Q2018
Lab Sample ID:	Q2018-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046203.D	1		05/15/25 11:01	VX051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	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	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	05/12/25
Project:	Hillside	Date Received:	05/12/25
Client Sample ID:	FB	SDG No.:	Q2018
Lab Sample ID:	Q2018-06	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046203.D	1		05/15/25 11:01	VX051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.0		70 (74) - 130 (125)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	63700	5.544			
540-36-3	1,4-Difluorobenzene	131000	6.757			
3114-55-4	Chlorobenzene-d5	123000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	52500	12.018			

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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2018

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2018-04	MW2	1,2-Dichloroethane-d4	50	51.1	102	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.2	108	70 (77)	130 (121)
Q2018-04DL	MW2DL	1,2-Dichloroethane-d4	50	51.3	103	70 (74)	130 (125)
		Dibromofluoromethane	50	50.4	101	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.4	103	70 (77)	130 (121)
Q2018-05	MW3	1,2-Dichloroethane-d4	50	52.2	104	70 (74)	130 (125)
		Dibromofluoromethane	50	49.9	100	70 (75)	130 (124)
		Toluene-d8	50	50.9	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.4	107	70 (77)	130 (121)
Q2018-06	FB	1,2-Dichloroethane-d4	50	56.0	112	70 (74)	130 (125)
		Dibromofluoromethane	50	51.3	103	70 (75)	130 (124)
		Toluene-d8	50	50.3	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.2	100	70 (77)	130 (121)
VX0513WBL01	VX0513WBL01	1,2-Dichloroethane-d4	50	53.8	108	70 (74)	130 (125)
		Dibromofluoromethane	50	51.5	103	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.2	100	70 (77)	130 (121)
VX0513WBS01	VX0513WBS01	1,2-Dichloroethane-d4	50	51.5	103	70 (74)	130 (125)
		Dibromofluoromethane	50	50.7	101	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.3	99	70 (77)	130 (121)
VX0513WBSD0	VX0513WBSD01	1,2-Dichloroethane-d4	50	52.2	104	70 (74)	130 (125)
		Dibromofluoromethane	50	51.9	104	70 (75)	130 (124)
		Toluene-d8	50	51.1	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.4	101	70 (77)	130 (121)
VX0514WBL01	VX0514WBL01	1,2-Dichloroethane-d4	50	53.7	107	70 (74)	130 (125)
		Dibromofluoromethane	50	51.2	102	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.1	102	70 (77)	130 (121)
VX0514WBS01	VX0514WBS01	1,2-Dichloroethane-d4	50	52.1	104	70 (74)	130 (125)
		Dibromofluoromethane	50	51.2	102	70 (75)	130 (124)
		Toluene-d8	50	51.3	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.2	100	70 (77)	130 (121)
VX0515WBL01	VX0515WBL01	1,2-Dichloroethane-d4	50	54.2	108	70 (74)	130 (125)
		Dibromofluoromethane	50	51.5	103	70 (75)	130 (124)
		Toluene-d8	50	50.2	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.0	98	70 (77)	130 (121)
VX0515WBS01	VX0515WBS01	1,2-Dichloroethane-d4	50	50.7	101	70 (74)	130 (125)
		Dibromofluoromethane	50	50.0	100	70 (75)	130 (124)
		Toluene-d8	50	49.7	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.9	98	70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2018

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046158.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0513WBS01	Chloromethane	20	20.0	ug/L	100			40 (65)	160 (116)	
	Vinyl chloride	20	19.0	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	19.1	ug/L	96			40 (58)	160 (125)	
	Chloroethane	20	21.0	ug/L	105			40 (56)	160 (128)	
	Tert butyl alcohol	100	100	ug/L	100			70 (73)	130 (124)	
	1,1-Dichloroethene	20	18.9	ug/L	95			70 (74)	130 (110)	
	Acetone	100	99.7	ug/L	100			40 (60)	160 (125)	
	Carbon disulfide	20	17.6	ug/L	88			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			70 (78)	130 (114)	
	Methylene Chloride	20	18.9	ug/L	95			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.6	ug/L	98			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.7	ug/L	104			70 (78)	130 (112)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.4	ug/L	97			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.0	ug/L	100			70 (77)	130 (110)	
	Chloroform	20	21.0	ug/L	105			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.2	ug/L	101			70 (80)	130 (108)	
	Benzene	20	20.0	ug/L	100			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.2	ug/L	101			70 (80)	130 (115)	
	Trichloroethene	20	19.0	ug/L	95			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.1	ug/L	101			70 (83)	130 (111)	
	Bromodichloromethane	20	20.2	ug/L	101			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	99.5	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.8	ug/L	99			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	20.1	ug/L	101			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	19.9	ug/L	100			70 (82)	130 (110)	
	Tetrachloroethene	20	20.1	ug/L	101			70 (67)	130 (123)	
	Chlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	Ethyl Benzene	20	19.5	ug/L	98			70 (83)	130 (109)	
	m/p-Xylenes	40	38.9	ug/L	97			70 (82)	130 (110)	
	o-Xylene	20	19.6	ug/L	98			70 (83)	130 (109)	
	Styrene	20	20.1	ug/L	101			70 (80)	130 (111)	
	Bromoform	20	19.2	ug/L	96			70 (79)	130 (109)	
	1,1,2,2-Tetrachloroethane	20	20.0	ug/L	100			70 (76)	130 (118)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2018

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046159.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0513WBSD01	Chloromethane	20	18.9	ug/L	95	5		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	18.1	ug/L	91	4		70 (65)	130 (117)	20 (20)
	Bromomethane	20	18.6	ug/L	93	3		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.3	ug/L	97	8		40 (56)	160 (128)	20 (20)
	Tert butyl alcohol	100	110	ug/L	110	10		70 (73)	130 (124)	20 (20)
	1,1-Dichloroethene	20	18.8	ug/L	94	1		70 (74)	130 (110)	20 (20)
	Acetone	100	100	ug/L	100	0		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.0	ug/L	85	3		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.3	ug/L	102	2		70 (78)	130 (114)	20 (20)
	Methylene Chloride	20	18.9	ug/L	95	0		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.2	ug/L	96	2		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	20.0	ug/L	100	4		70 (78)	130 (112)	20 (20)
	2-Butanone	100	110	ug/L	110	10		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.9	ug/L	100	3		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	20.0	ug/L	100	0		70 (77)	130 (110)	20 (20)
	Chloroform	20	20.4	ug/L	102	3		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.4	ug/L	97	4		70 (80)	130 (108)	20 (20)
	Benzene	20	19.8	ug/L	99	1		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	20.8	ug/L	104	3		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.0	ug/L	100	5		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	20.7	ug/L	104	3		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	20.9	ug/L	104	3		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		40 (74)	160 (118)	20 (20)
	Toluene	20	20.0	ug/L	100	1		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	19.9	ug/L	100	5		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.0	ug/L	100	4		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.7	ug/L	109	8		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	21.3	ug/L	106	6		70 (82)	130 (110)	20 (20)
	Tetrachloroethene	20	19.7	ug/L	99	2		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	19.2	ug/L	96	3		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.5	ug/L	98	0		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	39.3	ug/L	98	1		70 (82)	130 (110)	20 (20)
	o-Xylene	20	19.8	ug/L	99	1		70 (83)	130 (109)	20 (20)
	Styrene	20	20.4	ug/L	102	1		70 (80)	130 (111)	20 (20)
	Bromoform	20	18.8	ug/L	94	2		70 (79)	130 (109)	20 (20)
	1,1,2,2-Tetrachloroethane	20	20.4	ug/L	102	2		70 (76)	130 (118)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2018

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046188.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0514WBS01	Chloromethane	20	19.3	ug/L	97			40 (65)	160 (116)	
	Vinyl chloride	20	18.8	ug/L	94			70 (65)	130 (117)	
	Bromomethane	20	18.1	ug/L	91			40 (58)	160 (125)	
	Chloroethane	20	21.6	ug/L	108			40 (56)	160 (128)	
	Tert butyl alcohol	100	100	ug/L	100			70 (73)	130 (124)	
	1,1-Dichloroethene	20	18.9	ug/L	95			70 (74)	130 (110)	
	Acetone	100	99.9	ug/L	100			40 (60)	160 (125)	
	Carbon disulfide	20	16.6	ug/L	83			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.7	ug/L	99			70 (78)	130 (114)	
	Methylene Chloride	20	18.7	ug/L	94			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.8	ug/L	94			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.0	ug/L	100			70 (78)	130 (112)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.3	ug/L	97			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.7	ug/L	99			70 (77)	130 (110)	
	Chloroform	20	20.6	ug/L	103			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			70 (80)	130 (108)	
	Benzene	20	19.8	ug/L	99			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.1	ug/L	101			70 (80)	130 (115)	
	Trichloroethene	20	18.9	ug/L	95			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.4	ug/L	102			70 (83)	130 (111)	
	Bromodichloromethane	20	19.8	ug/L	99			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.0	ug/L	95			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.6	ug/L	103			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	19.7	ug/L	99			70 (82)	130 (110)	
	Tetrachloroethene	20	18.5	ug/L	93			70 (67)	130 (123)	
	Chlorobenzene	20	19.0	ug/L	95			70 (82)	130 (109)	
	Ethyl Benzene	20	19.4	ug/L	97			70 (83)	130 (109)	
	m/p-Xylenes	40	39.2	ug/L	98			70 (82)	130 (110)	
	o-Xylene	20	19.5	ug/L	98			70 (83)	130 (109)	
	Styrene	20	20.0	ug/L	100			70 (80)	130 (111)	
	Bromoform	20	18.6	ug/L	93			70 (79)	130 (109)	
	1,1,2,2-Tetrachloroethane	20	20.2	ug/L	101			70 (76)	130 (118)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2018

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046206.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0515WBS01	Chloromethane	20	19.5	ug/L	98			40 (65)	160 (116)	
	Vinyl chloride	20	19.1	ug/L	96			70 (65)	130 (117)	
	Bromomethane	20	18.9	ug/L	95			40 (58)	160 (125)	
	Chloroethane	20	22.5	ug/L	113			40 (56)	160 (128)	
	Tert butyl alcohol	100	100	ug/L	100			70 (73)	130 (124)	
	1,1-Dichloroethene	20	19.0	ug/L	95			70 (74)	130 (110)	
	Acetone	100	100	ug/L	100			40 (60)	160 (125)	
	Carbon disulfide	20	16.7	ug/L	84			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.9	ug/L	100			70 (78)	130 (114)	
	Methylene Chloride	20	19.0	ug/L	95			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.5	ug/L	98			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.2	ug/L	101			70 (78)	130 (112)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.5	ug/L	98			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.2	ug/L	101			70 (77)	130 (110)	
	Chloroform	20	21.0	ug/L	105			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.2	ug/L	101			70 (80)	130 (108)	
	Benzene	20	20.1	ug/L	101			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.6	ug/L	103			70 (80)	130 (115)	
	Trichloroethene	20	19.3	ug/L	97			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.9	ug/L	104			70 (83)	130 (111)	
	Bromodichloromethane	20	20.6	ug/L	103			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.0	ug/L	100			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.5	ug/L	93			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	20.7	ug/L	104			70 (82)	130 (110)	
	Tetrachloroethene	20	19.5	ug/L	98			70 (67)	130 (123)	
	Chlorobenzene	20	19.5	ug/L	98			70 (82)	130 (109)	
	Ethyl Benzene	20	19.8	ug/L	99			70 (83)	130 (109)	
	m/p-Xylenes	40	39.4	ug/L	99			70 (82)	130 (110)	
	o-Xylene	20	20.3	ug/L	102			70 (83)	130 (109)	
	Styrene	20	20.5	ug/L	103			70 (80)	130 (111)	
	Bromoform	20	19.1	ug/L	96			70 (79)	130 (109)	
	1,1,2,2-Tetrachloroethane	20	19.8	ug/L	99			70 (76)	130 (118)	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0513WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046155.D Lab Sample ID: VX0513WBL01

Date Analyzed: 05/13/2025 Time Analyzed: 10:52

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
VX0513WBS01	VX0513WBS01	VX046158.D	05/13/2025
VX0513WBSD01	VX0513WBSD01	VX046159.D	05/13/2025
MW2	Q2018-04	VX046177.D	05/13/2025
MW3	Q2018-05	VX046178.D	05/13/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0514WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046183.D Lab Sample ID: VX0514WBL01

Date Analyzed: 05/14/2025 Time Analyzed: 10:50

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
VX0514WBS01	VX0514WBS01	VX046188.D	05/14/2025
MW2DL	Q2018-04DL	VX046193.D	05/14/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0515WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046202.D Lab Sample ID: VX0515WBL01

Date Analyzed: 05/15/2025 Time Analyzed: 10:38

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
FB	Q2018-06	VX046203.D	05/15/2025
VX0515WBS01	VX0515WBS01	VX046206.D	05/15/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046038.D BFB Injection Date: 05/05/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:37

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	22.1
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	68.8
175	5.0 - 9.0% of mass 174	5 (7.3) 1
176	95.0 - 101.0% of mass 174	66.7 (97) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 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
VSTDICC020	VSTDICC020	VX046041.D	05/05/2025	11:35
VSTDICCC050	VSTDICCC050	VX046042.D	05/05/2025	11:58
VSTDICC100	VSTDICC100	VX046043.D	05/05/2025	12:21
VSTDICC150	VSTDICC150	VX046044.D	05/05/2025	12:45
VSTDICC005	VSTDICC005	VX046046.D	05/05/2025	16:04
VSTDICC001	VSTDICC001	VX046047.D	05/05/2025	16:27

Alliance TECHNICAL GROUP
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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046152.D BFB Injection Date: 05/13/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:29

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	22.8
75	30.0 - 60.0% of mass 95	58.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.9 (1.3) 1
174	50.0 - 100.0% of mass 95	68.6
175	5.0 - 9.0% of mass 174	4.8 (7) 1
176	95.0 - 101.0% of mass 174	66.3 (96.7) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 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	VX046153.D	05/13/2025	10:00
VX0513WBL01	VX0513WBL01	VX046155.D	05/13/2025	10:52
VX0513WBS01	VX0513WBS01	VX046158.D	05/13/2025	12:02
VX0513WBSD01	VX0513WBSD01	VX046159.D	05/13/2025	12:28
MW2	Q2018-04	VX046177.D	05/13/2025	19:28
MW3	Q2018-05	VX046178.D	05/13/2025	19:52

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046180.D BFB Injection Date: 05/14/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:29

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	22.1
75	30.0 - 60.0% of mass 95	57.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.2 (0.3) 1
174	50.0 - 100.0% of mass 95	69
175	5.0 - 9.0% of mass 174	5.2 (7.5) 1
176	95.0 - 101.0% of mass 174	65.9 (95.5) 1
177	5.0 - 9.0% of mass 176	4.1 (6.2) 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	VX046181.D	05/14/2025	09:59
VX0514WBL01	VX0514WBL01	VX046183.D	05/14/2025	10:50
VX0514WBS01	VX0514WBS01	VX046188.D	05/14/2025	12:46
MW2DL	Q2018-04DL	VX046193.D	05/14/2025	14:45

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046199.D BFB Injection Date: 05/15/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:47

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	21.9
75	30.0 - 60.0% of mass 95	58.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.7 (1.1) 1
174	50.0 - 100.0% of mass 95	67.5
175	5.0 - 9.0% of mass 174	5.3 (7.8) 1
176	95.0 - 101.0% of mass 174	65.6 (97.2) 1
177	5.0 - 9.0% of mass 176	4 (6.2) 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	VX046200.D	05/15/2025	09:52
VX0515WBL01	VX0515WBL01	VX046202.D	05/15/2025	10:38
FB	Q2018-06	VX046203.D	05/15/2025	11:01
VX0515WBS01	VX0515WBS01	VX046206.D	05/15/2025	12:11

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046153.D Date Analyzed: 05/13/2025

Instrument ID: MSVOA_X Time Analyzed: 10:00

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	98502	5.54	167387	6.75	146749	10.05
UPPER LIMIT	197004	6.043	334774	7.25	293498	10.549
LOWER LIMIT	49251	5.043	83693.5	6.25	73374.5	9.549
EPA SAMPLE NO.						
MW2	68362	5.55	136439	6.76	128432	10.06
MW3	66235	5.55	131355	6.76	123435	10.05
VX0513WBL01	67277	5.55	133345	6.76	124650	10.05
VX0513WBS01	89387	5.54	160585	6.76	139963	10.06
VX0513WBSD01	85900	5.54	148923	6.76	132995	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046153.D Date Analyzed: 05/13/2025

Instrument ID: MSVOA_X Time Analyzed: 10:00

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	70437	12.018				
UPPER LIMIT	140874	12.518				
LOWER LIMIT	35218.5	11.518				
EPA SAMPLE NO.						
MW2	58317	12.02				
MW3	53587	12.02				
VX0513WBL01	52712	12.02				
VX0513WBS01	64268	12.02				
VX0513WBSD01	62827	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046181.D Date Analyzed: 05/14/2025

Instrument ID: MSVOA_X Time Analyzed: 09:59

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	92522	5.54	155707	6.76	140519	10.05
UPPER LIMIT	185044	6.043	311414	7.257	281038	10.549
LOWER LIMIT	46261	5.043	77853.5	6.257	70259.5	9.549
EPA SAMPLE NO.						
MW2DL	71196	5.55	139917	6.76	132344	10.06
VX0514WBL01	66143	5.55	133003	6.76	124085	10.05
VX0514WBS01	87880	5.55	155746	6.76	138245	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046181.D Date Analyzed: 05/14/2025

Instrument ID: MSVOA_X Time Analyzed: 09:59

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	65751	12.018				
UPPER LIMIT	131502	12.518				
LOWER LIMIT	32875.5	11.518				
EPA SAMPLE NO.						
MW2DL	59001	12.02				
VX0514WBL01	54666	12.02				
VX0514WBS01	63286	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046200.D Date Analyzed: 05/15/2025

Instrument ID: MSVOA_X Time Analyzed: 09:52

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	79845	5.54	140483	6.75	127630	10.05
UPPER LIMIT	159690	6.044	280966	7.251	255260	10.549
LOWER LIMIT	39922.5	5.044	70241.5	6.251	63815	9.549
EPA SAMPLE NO.						
FB	63676	5.54	130694	6.76	122640	10.05
VX0515WBL01	65765	5.54	130899	6.76	122283	10.05
VX0515WBS01	89041	5.54	157824	6.76	139362	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG NO.: Q2018

Lab File ID: VX046200.D Date Analyzed: 05/15/2025

Instrument ID: MSVOA_X Time Analyzed: 09:52

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	62876	12.018				
UPPER LIMIT	125752	12.518				
LOWER LIMIT	31438	11.518				
EPA SAMPLE NO.						
FB	52530	12.02				
VX0515WBL01	51360	12.02				
VX0515WBS01	65777	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.**

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Hillside		Date Received:		
Client Sample ID:	VX0513WBL01		SDG No.:	Q2018	
Lab Sample ID:	VX0513WBL01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046155.D	1		05/13/25 10:52	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	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	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0513WBL01	SDG No.:	Q2018
Lab Sample ID:	VX0513WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046155.D	1		05/13/25 10:52	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	67300	5.55			
540-36-3	1,4-Difluorobenzene	133000	6.757			
3114-55-4	Chlorobenzene-d5	125000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	52700	12.018			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0514WBL01	SDG No.:	Q2018
Lab Sample ID:	VX0514WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046183.D	1		05/14/25 10:50	VX051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	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	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0514WBL01	SDG No.:	Q2018
Lab Sample ID:	VX0514WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046183.D	1		05/14/25 10:50	VX051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.7		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 (75) - 130 (124)	102%	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	66100	5.55			
540-36-3	1,4-Difluorobenzene	133000	6.757			
3114-55-4	Chlorobenzene-d5	124000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	54700	12.018			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0515WBL01	SDG No.:	Q2018
Lab Sample ID:	VX0515WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046202.D	1		05/15/25 10:38	VX051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	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	0.19	U	0.19	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	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	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0515WBL01	SDG No.:	Q2018
Lab Sample ID:	VX0515WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046202.D	1		05/15/25 10:38	VX051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.2		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	65800	5.544			
540-36-3	1,4-Difluorobenzene	131000	6.757			
3114-55-4	Chlorobenzene-d5	122000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	51400	12.018			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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E = Value Exceeds Calibration Range
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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Hillside		Date Received:		
Client Sample ID:	VX0513WBS01		SDG No.:	Q2018	
Lab Sample ID:	VX0513WBS01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046158.D	1		05/13/25 12:02	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	20.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.0		0.26	1.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
75-00-3	Chloroethane	21.0		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	100		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.9		0.23	1.00	ug/L
67-64-1	Acetone	99.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.9		0.16	1.00	ug/L
75-09-2	Methylene Chloride	18.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.23	1.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.0		0.19	1.00	ug/L
67-66-3	Chloroform	21.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	1.00	ug/L
71-43-2	Benzene	20.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.2		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.2		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	99.5		0.68	5.00	ug/L
108-88-3	Toluene	19.8		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.0		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.2		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	20.1		0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0513WBS01	SDG No.:	Q2018
Lab Sample ID:	VX0513WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046158.D	1		05/13/25 12:02	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.9		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	19.2		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.0		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.5		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	89400	5.544			
540-36-3	1,4-Difluorobenzene	161000	6.757			
3114-55-4	Chlorobenzene-d5	140000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	64300	12.018			

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

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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0514WBS01	SDG No.:	Q2018
Lab Sample ID:	VX0514WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046188.D	1		05/14/25 12:46	VX051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	19.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.8		0.26	1.00	ug/L
74-83-9	Bromomethane	18.1		1.40	5.00	ug/L
75-00-3	Chloroethane	21.6		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	100		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.9		0.23	1.00	ug/L
67-64-1	Acetone	99.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.7		0.16	1.00	ug/L
75-09-2	Methylene Chloride	18.7		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.8		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.0		0.23	1.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.7		0.19	1.00	ug/L
67-66-3	Chloroform	20.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.20	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.1		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.4		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.0		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.6		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.7		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0514WBS01	SDG No.:	Q2018
Lab Sample ID:	VX0514WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046188.D	1		05/14/25 12:46	VX051425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.2		0.24	2.00	ug/L
95-47-6	o-Xylene	19.5		0.12	1.00	ug/L
100-42-5	Styrene	20.0		0.15	1.00	ug/L
75-25-2	Bromoform	18.6		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.2		0.26	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	51.2		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	51.3		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87900	5.55			
540-36-3	1,4-Difluorobenzene	156000	6.757			
3114-55-4	Chlorobenzene-d5	138000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	63300	12.018			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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E = Value Exceeds Calibration Range
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N = Presumptive Evidence of a Compound
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0515WBS01	SDG No.:	Q2018
Lab Sample ID:	VX0515WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046206.D	1		05/15/25 12:11	VX051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	19.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.1		0.26	1.00	ug/L
74-83-9	Bromomethane	18.9		1.40	5.00	ug/L
75-00-3	Chloroethane	22.5		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	100		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.0		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.9		0.16	1.00	ug/L
75-09-2	Methylene Chloride	19.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.2		0.23	1.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.2		0.19	1.00	ug/L
67-66-3	Chloroform	21.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.2		0.20	1.00	ug/L
71-43-2	Benzene	20.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.3		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.0		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.5		0.16	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		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.7		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.5		0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0515WBS01	SDG No.:	Q2018
Lab Sample ID:	VX0515WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046206.D	1		05/15/25 12:11	VX051525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.8		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.4		0.24	2.00	ug/L
95-47-6	o-Xylene	20.3		0.12	1.00	ug/L
100-42-5	Styrene	20.5		0.15	1.00	ug/L
75-25-2	Bromoform	19.1		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.8		0.26	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	50.0		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.7		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	89000	5.544			
540-36-3	1,4-Difluorobenzene	158000	6.757			
3114-55-4	Chlorobenzene-d5	139000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	65800	12.018			

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0513WBSD01	SDG No.:	Q2018
Lab Sample ID:	VX0513WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046159.D	1		05/13/25 12:28	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	18.9		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.1		0.26	1.00	ug/L
74-83-9	Bromomethane	18.6		1.40	5.00	ug/L
75-00-3	Chloroethane	19.3		0.47	1.00	ug/L
75-65-0	Tert butyl alcohol	110		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.3		0.16	1.00	ug/L
75-09-2	Methylene Chloride	18.9		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.0		0.23	1.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.9		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.0		0.19	1.00	ug/L
67-66-3	Chloroform	20.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.4		0.20	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.7		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.0		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.0		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.3		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.23	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Hillside	Date Received:	
Client Sample ID:	VX0513WBSD01	SDG No.:	Q2018
Lab Sample ID:	VX0513WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046159.D	1		05/13/25 12:28	VX051325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.5		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.3		0.24	2.00	ug/L
95-47-6	o-Xylene	19.8		0.12	1.00	ug/L
100-42-5	Styrene	20.4		0.15	1.00	ug/L
75-25-2	Bromoform	18.8		0.19	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.4		0.26	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.9		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	51.1		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.4		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	85900	5.544			
540-36-3	1,4-Difluorobenzene	149000	6.757			
3114-55-4	Chlorobenzene-d5	133000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	62800	12.018			

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

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG No.: Q2018

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

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

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Chloromethane	0.727	0.775	0.787	0.791	0.679	0.694	0.742	6.6
Vinyl Chloride	0.660	0.710	0.727	0.755	0.619	0.673	0.691	7.2
Bromomethane	0.296	0.326	0.340	0.334	0.305		0.320	5.8
Chloroethane	0.354	0.378	0.329	0.317	0.368	0.467	0.369	14.4
Tert butyl alcohol	0.122	0.129	0.144	0.146	0.114		0.131	10.4
1,1-Dichloroethene	0.565	0.601	0.607	0.625	0.567	0.594	0.593	3.9
Acetone	0.361	0.362	0.361	0.370	0.408	0.380	0.374	4.9
Carbon Disulfide	1.295	1.455	1.522	1.597	1.141	1.423	1.406	11.7
Methyl tert-butyl Ether	2.044	2.160	2.172	2.239	1.908	1.949	2.079	6.4
Methylene Chloride	0.689	0.684	0.691	0.691	0.689	0.853	0.716	9.4
trans-1,2-Dichloroethene	0.573	0.610	0.612	0.622	0.557	0.604	0.596	4.3
1,1-Dichloroethane	1.233	1.263	1.263	1.286	1.154	1.116	1.219	5.6
2-Butanone	0.540	0.555	0.558	0.569	0.539	0.495	0.543	4.8
Carbon Tetrachloride	0.528	0.558	0.552	0.577	0.505	0.541	0.544	4.6
cis-1,2-Dichloroethene	0.716	0.737	0.738	0.755	0.642	0.719	0.718	5.5
Chloroform	1.287	1.296	1.277	1.300	1.199	1.265	1.271	3
1,1,1-Trichloroethane	1.106	1.131	1.155	1.188	1.013	1.015	1.101	6.6
Benzene	1.426	1.474	1.441	1.477	1.337	1.348	1.417	4.3
1,2-Dichloroethane	0.632	0.627	0.611	0.625	0.594	0.579	0.612	3.5
Trichloroethene	0.344	0.355	0.345	0.362	0.315	0.324	0.341	5.3
1,2-Dichloropropane	0.356	0.371	0.368	0.378	0.324	0.317	0.352	7.4
Bromodichloromethane	0.557	0.577	0.573	0.594	0.498	0.485	0.547	8.2
4-Methyl-2-Pentanone	0.620	0.634	0.630	0.631	0.555	0.561	0.605	6
Toluene	0.884	0.898	0.885	0.904	0.838	0.803	0.869	4.5
t-1,3-Dichloropropene	0.468	0.528	0.555	0.591	0.406	0.371	0.487	17.9
cis-1,3-Dichloropropene	0.531	0.578	0.602	0.623	0.469	0.423	0.538	14.6
1,1,2-Trichloroethane	0.349	0.354	0.351	0.356	0.337	0.308	0.343	5.3
2-Hexanone	0.466	0.473	0.477	0.473	0.414	0.385	0.448	8.7
Dibromochloromethane	0.378	0.400	0.415	0.431	0.326	0.306	0.376	13.3
Tetrachloroethene	0.390	0.375	0.345	0.344	0.323	0.347	0.354	6.8

* 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.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG No.: Q2018

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

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

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Chlorobenzene	1.093	1.098	1.085	1.114	1.046	1.131	1.094	2.7
Ethyl Benzene	1.919	2.022	1.979	2.036	1.816	1.803	1.929	5.2
m/p-Xylenes	0.706	0.740	0.721	0.740	0.678	0.648	0.706	5.2
o-Xylene	0.688	0.727	0.706	0.726	0.639	0.642	0.688	5.7
Styrene	1.135	1.219	1.214	1.230	1.012	0.951	1.127	10.6
Bromoform	0.270	0.304	0.312	0.327	0.236	0.234	0.281	14.2
1,1,2,2-Tetrachloroethane	1.315	1.338	1.284	1.345	1.350	1.552	1.364	7
1,2-Dichloroethane-d4	0.953	0.910	0.930	0.932	0.935		0.932	1.6
Dibromofluoromethane	0.359	0.355	0.364	0.368	0.354		0.360	1.7
Toluene-d8	1.246	1.223	1.266	1.275	1.221		1.246	2
4-Bromofluorobenzene	0.455	0.470	0.500	0.500	0.464		0.478	4.4

* 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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG No.: Q2018

Instrument ID: MSVOA_X Calibration Date/Time: 05/13/2025 10:00

Lab File ID: VX046153.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.742	0.751	0.1	1.21	20
Vinyl Chloride	0.691	0.696		0.72	20
Bromomethane	0.320	0.304		-5	20
Chloroethane	0.369	0.375		1.63	20
Tert butyl alcohol	0.131	0.128		-2.29	20
1,1-Dichloroethene	0.593	0.578		-2.53	20
Acetone	0.374	0.410		9.63	20
Carbon Disulfide	1.406	1.375		-2.2	20
Methyl tert-butyl Ether	2.079	2.132		2.55	20
Methylene Chloride	0.716	0.668		-6.7	20
trans-1,2-Dichloroethene	0.596	0.589		-1.17	20
1,1-Dichloroethane	1.219	1.231	0.1	0.98	20
2-Butanone	0.543	0.561		3.32	20
Carbon Tetrachloride	0.544	0.574		5.51	20
cis-1,2-Dichloroethene	0.718	0.715		-0.42	20
Chloroform	1.271	1.300		2.28	20
1,1,1-Trichloroethane	1.101	1.117		1.45	20
Benzene	1.417	1.440		1.62	20
1,2-Dichloroethane	0.612	0.625		2.12	20
Trichloroethene	0.341	0.344		0.88	20
1,2-Dichloropropane	0.352	0.370		5.11	20
Bromodichloromethane	0.547	0.588		7.49	20
4-Methyl-2-Pentanone	0.605	0.632		4.46	20
Toluene	0.869	0.884		1.73	20
t-1,3-Dichloropropene	0.487	0.532		9.24	20
cis-1,3-Dichloropropene	0.538	0.581		7.99	20
1,1,2-Trichloroethane	0.343	0.351		2.33	20
2-Hexanone	0.448	0.467		4.24	20
Dibromochloromethane	0.376	0.418		11.17	20
Tetrachloroethene	0.354	0.368		3.95	20
Chlorobenzene	1.094	1.091	0.3	-0.27	20
Ethyl Benzene	1.929	1.981		2.7	20
m/p-Xylenes	0.706	0.736		4.25	20
o-Xylene	0.688	0.715		3.92	20
Styrene	1.127	1.209		7.28	20
Bromoform	0.281	0.307	0.1	9.25	20
1,1,2,2-Tetrachloroethane	1.364	1.283	0.3	-5.94	20
1,2-Dichloroethane-d4	0.932	0.899		-3.54	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG No.: Q2018

Instrument ID: MSVOA_X Calibration Date/Time: 05/13/2025 10:00

Lab File ID: VX046153.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.360	0.371		3.06	20
Toluene-d8	1.246	1.236		-0.8	20
4-Bromofluorobenzene	0.478	0.484		1.25	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG No.: Q2018

Instrument ID: MSVOA_X Calibration Date/Time: 05/14/2025 09:59

Lab File ID: VX046181.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.742	0.750	0.1	1.08	20
Vinyl Chloride	0.691	0.687		-0.58	20
Bromomethane	0.320	0.290		-9.38	20
Chloroethane	0.369	0.367		-0.54	20
Tert butyl alcohol	0.131	0.127		-3.05	20
1,1-Dichloroethene	0.593	0.584		-1.52	20
Acetone	0.374	0.386		3.21	20
Carbon Disulfide	1.406	1.299		-7.61	20
Methyl tert-butyl Ether	2.079	2.130		2.45	20
Methylene Chloride	0.716	0.679		-5.17	20
trans-1,2-Dichloroethene	0.596	0.582		-2.35	20
1,1-Dichloroethane	1.219	1.242	0.1	1.89	20
2-Butanone	0.543	0.560		3.13	20
Carbon Tetrachloride	0.544	0.568		4.41	20
cis-1,2-Dichloroethene	0.718	0.721		0.42	20
Chloroform	1.271	1.302		2.44	20
1,1,1-Trichloroethane	1.101	1.122		1.91	20
Benzene	1.417	1.472		3.88	20
1,2-Dichloroethane	0.612	0.643		5.07	20
Trichloroethene	0.341	0.354		3.81	20
1,2-Dichloropropane	0.352	0.381		8.24	20
Bromodichloromethane	0.547	0.592		8.23	20
4-Methyl-2-Pentanone	0.605	0.652		7.77	20
Toluene	0.869	0.907		4.37	20
t-1,3-Dichloropropene	0.487	0.532		9.24	20
cis-1,3-Dichloropropene	0.538	0.584		8.55	20
1,1,2-Trichloroethane	0.343	0.367		7	20
2-Hexanone	0.448	0.480		7.14	20
Dibromochloromethane	0.376	0.419		11.44	20
Tetrachloroethene	0.354	0.354		0	20
Chlorobenzene	1.094	1.097	0.3	0.27	20
Ethyl Benzene	1.929	2.001		3.73	20
m/p-Xylenes	0.706	0.735		4.11	20
o-Xylene	0.688	0.718		4.36	20
Styrene	1.127	1.238		9.85	20
Bromoform	0.281	0.296	0.1	5.34	20
1,1,2,2-Tetrachloroethane	1.364	1.331	0.3	-2.42	20
1,2-Dichloroethane-d4	0.932	0.914		-1.93	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG No.: Q2018

Instrument ID: MSVOA_X Calibration Date/Time: 05/14/2025 09:59

Lab File ID: VX046181.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.360	0.380		5.56	20
Toluene-d8	1.246	1.293		3.77	20
4-Bromofluorobenzene	0.478	0.507		6.07	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG No.: Q2018

Instrument ID: MSVOA_X Calibration Date/Time: 05/15/2025 09:52

Lab File ID: VX046200.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.742	0.714	0.1	-3.77	20
Vinyl Chloride	0.691	0.611		-11.58	20
Bromomethane	0.320	0.287		-10.31	20
Chloroethane	0.369	0.363		-1.63	20
Tert butyl alcohol	0.131	0.132		0.76	20
1,1-Dichloroethene	0.593	0.532		-10.29	20
Acetone	0.374	0.380		1.6	20
Carbon Disulfide	1.406	1.195		-15.01	20
Methyl tert-butyl Ether	2.079	2.213		6.45	20
Methylene Chloride	0.716	0.687		-4.05	20
trans-1,2-Dichloroethene	0.596	0.572		-4.03	20
1,1-Dichloroethane	1.219	1.221	0.1	0.16	20
2-Butanone	0.543	0.583		7.37	20
Carbon Tetrachloride	0.544	0.510		-6.25	20
cis-1,2-Dichloroethene	0.718	0.727		1.25	20
Chloroform	1.271	1.299		2.2	20
1,1,1-Trichloroethane	1.101	1.079		-2	20
Benzene	1.417	1.399		-1.27	20
1,2-Dichloroethane	0.612	0.634		3.6	20
Trichloroethene	0.341	0.328		-3.81	20
1,2-Dichloropropane	0.352	0.371		5.4	20
Bromodichloromethane	0.547	0.585		6.95	20
4-Methyl-2-Pentanone	0.605	0.671		10.91	20
Toluene	0.869	0.871		0.23	20
t-1,3-Dichloropropene	0.487	0.535		9.86	20
cis-1,3-Dichloropropene	0.538	0.583		8.36	20
1,1,2-Trichloroethane	0.343	0.367		7	20
2-Hexanone	0.448	0.501		11.83	20
Dibromochloromethane	0.376	0.418		11.17	20
Tetrachloroethene	0.354	0.326		-7.91	20
Chlorobenzene	1.094	1.065	0.3	-2.65	20
Ethyl Benzene	1.929	1.871		-3.01	20
m/p-Xylenes	0.706	0.693		-1.84	20
o-Xylene	0.688	0.686		-0.29	20
Styrene	1.127	1.188		5.41	20
Bromoform	0.281	0.301	0.1	7.12	20
1,1,2,2-Tetrachloroethane	1.364	1.329	0.3	-2.57	20
1,2-Dichloroethane-d4	0.932	0.941		0.97	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2018 SAS No.: Q2018 SDG No.: Q2018

Instrument ID: MSVOA_X Calibration Date/Time: 05/15/2025 09:52

Lab File ID: VX046200.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.360	0.366		1.67	20
Toluene-d8	1.246	1.215		-2.49	20
4-Bromofluorobenzene	0.478	0.492		2.93	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Time: May 14 01:46:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

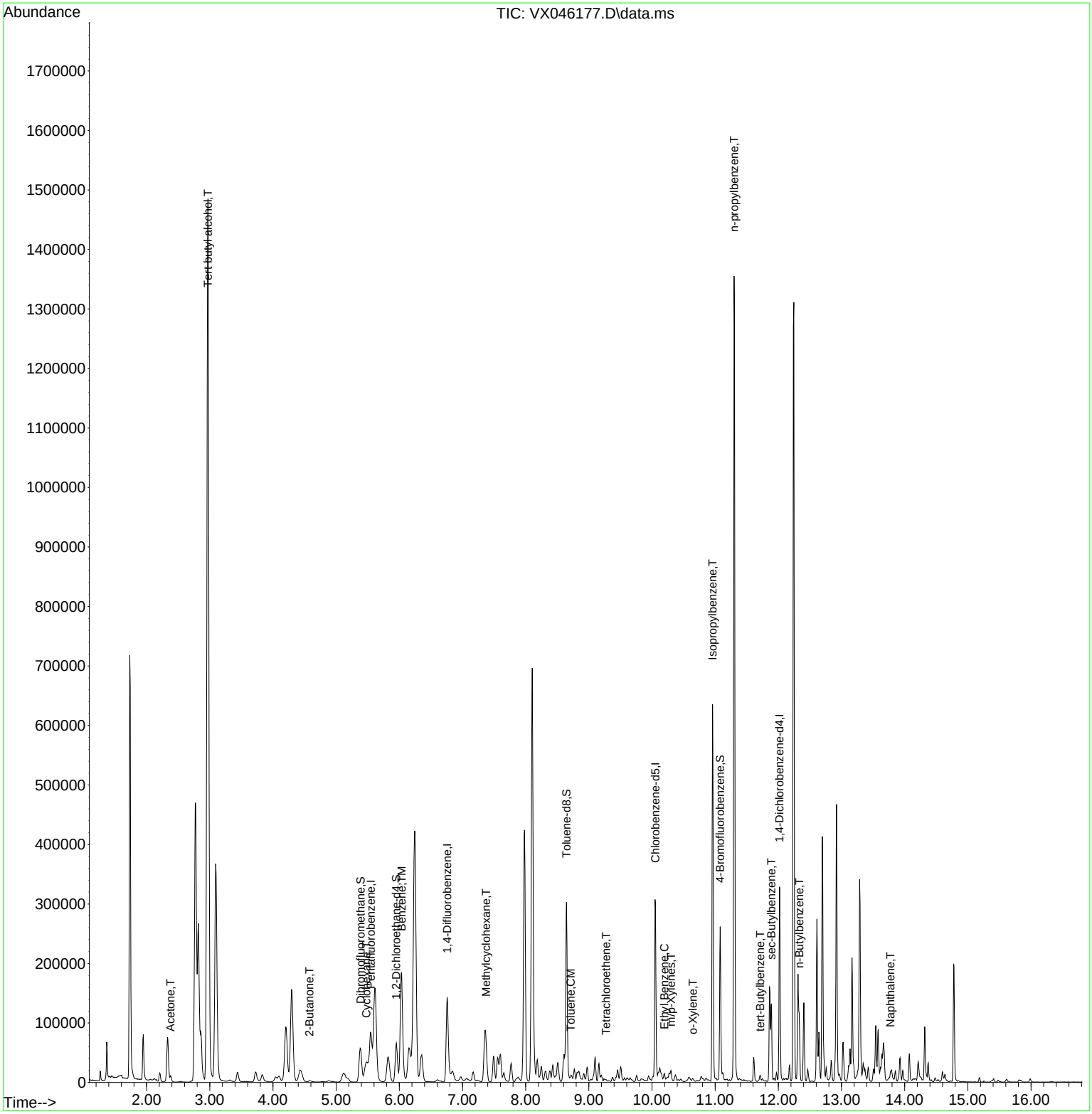
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	68362	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	136439	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	128432	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58317	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	65123	51.097	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.200%				
35) Dibromofluoromethane	5.385	113	49215	50.091	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.180%				
50) Toluene-d8	8.647	98	170440	50.121	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.240%				
62) 4-Bromofluorobenzene	11.079	95	70733	54.226	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.460%				
Target Compounds							Qvalue
11) Tert butyl alcohol	2.971	59	1670293	9336.495	ug/l		100
16) Acetone	2.380	43	10756	21.049	ug/l		98
25) 2-Butanone	4.574	43	4782	6.446	ug/l		97
31) Cyclohexane	5.477	56	21979	14.471	ug/l	#	89
39) Methylcyclohexane	7.373	83	23892	14.058	ug/l	#	71
40) Benzene	6.038	78	214793	55.550	ug/l		100
52) Toluene	8.714	92	3417	1.441	ug/l		97
64) Tetrachloroethene	9.275	164	460	0.506	ug/l	#	72
67) Ethyl Benzene	10.195	91	6026	1.216	ug/l		94
68) m/p-Xylenes	10.299	106	2958	1.632	ug/l		97
69) o-Xylene	10.647	106	674	0.381	ug/l		77
73) Isopropylbenzene	10.957	105	309541	68.179	ug/l		99
78) n-propylbenzene	11.299	91	821992	155.709	ug/l		99
83) tert-Butylbenzene	11.713	119	3266	0.855	ug/l		86
85) sec-Butylbenzene	11.890	105	66400	14.155	ug/l		93
89) n-Butylbenzene	12.329	91	58622	17.259	ug/l	#	71
95) Naphthalene	13.774	128	11449	2.815	ug/l	#	85

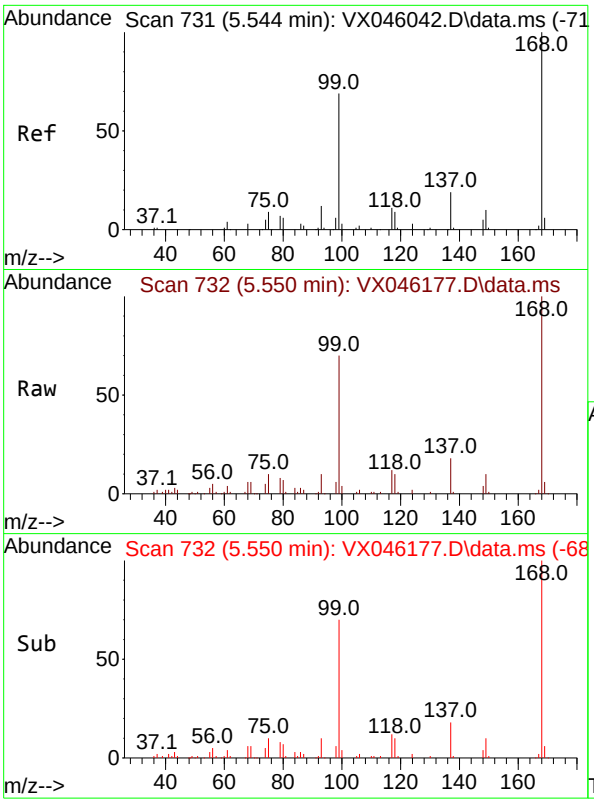
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Time: May 14 01:46:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



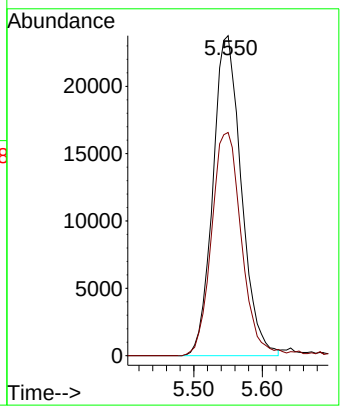


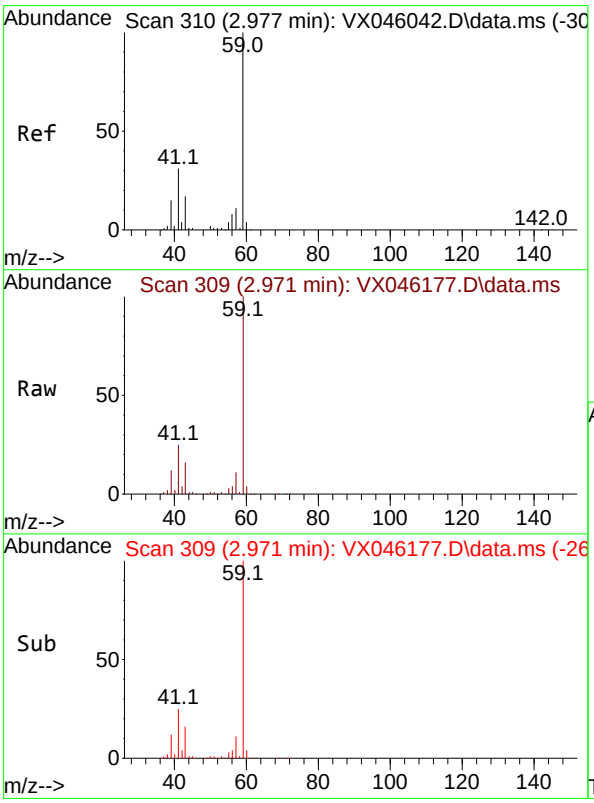
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:168 Resp: 68362

Ion	Ratio	Lower	Upper
168	100		
99	69.7	54.9	82.3

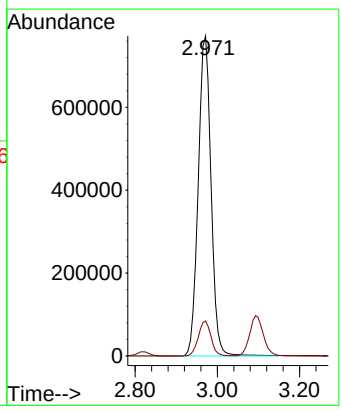


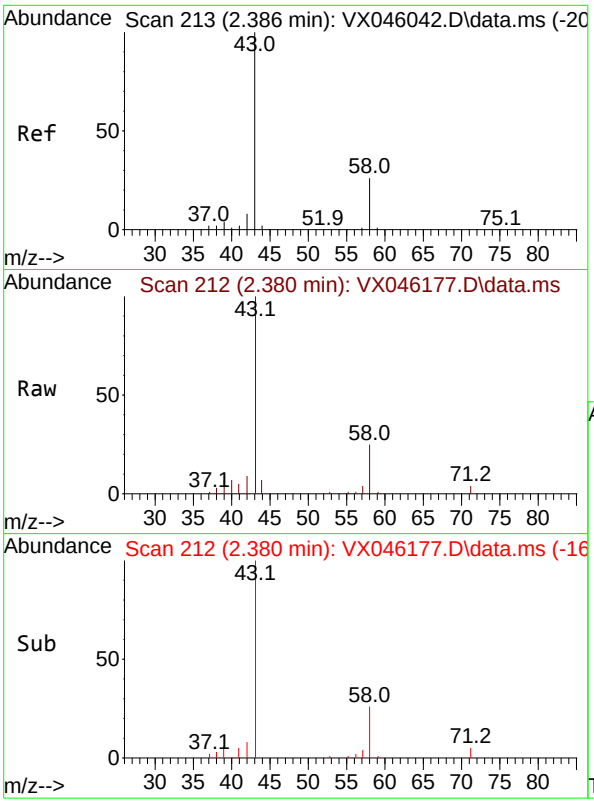


#11
Tert butyl alcohol
Concen: 9336.495 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 59 Resp: 1670293

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8



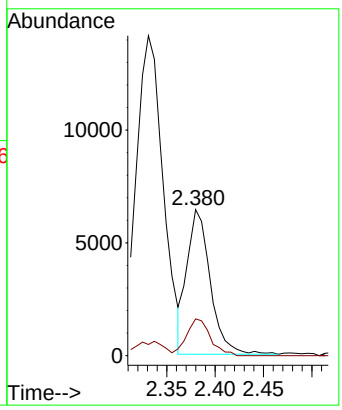


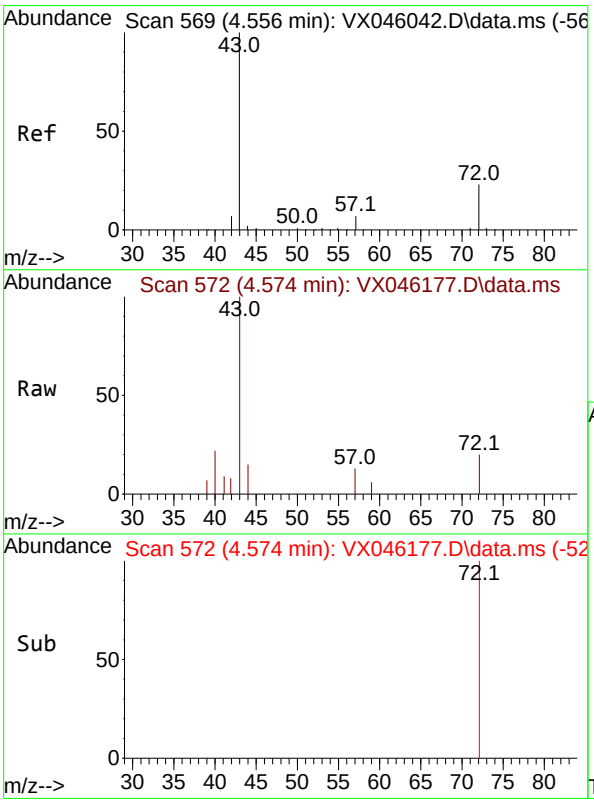
#16
Acetone
Concen: 21.049 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 43 Resp: 10756

Ion	Ratio	Lower	Upper
43	100		
58	25.4	21.2	31.8

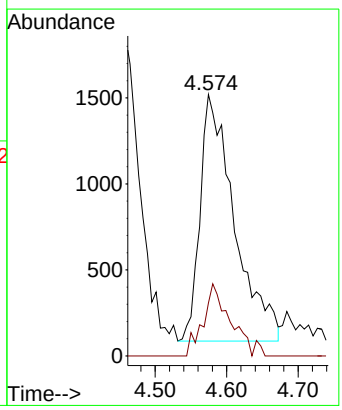


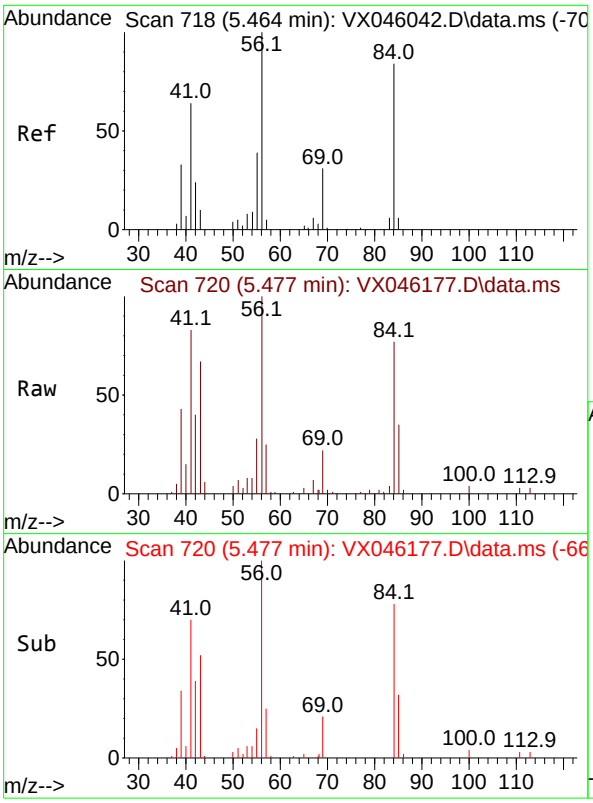


#25
2-Butanone
Concen: 6.446 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 43 Resp: 4782

Ion	Ratio	Lower	Upper
43	100		
72	21.5	18.4	27.6



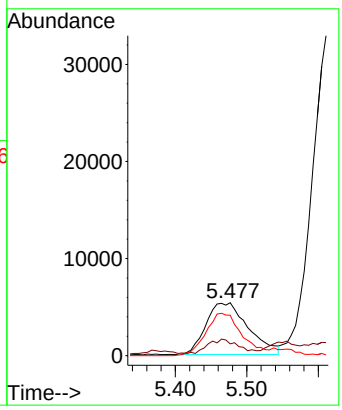


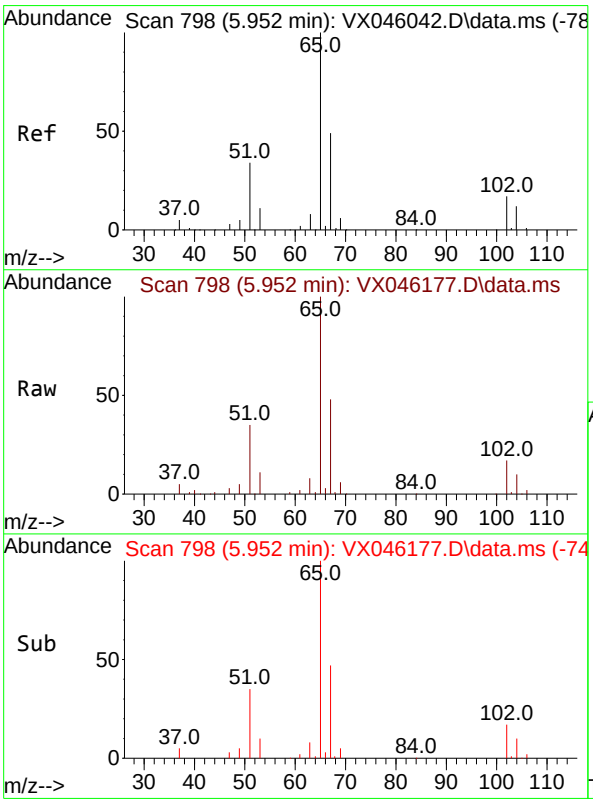
#31
Cyclohexane
Concen: 14.471 ug/l
RT: 5.477 min Scan# 7
Delta R.T. 0.012 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 56 Resp: 21979

Ion	Ratio	Lower	Upper
56	100		
69	18.7	24.4	36.6#
84	77.1	66.9	100.3

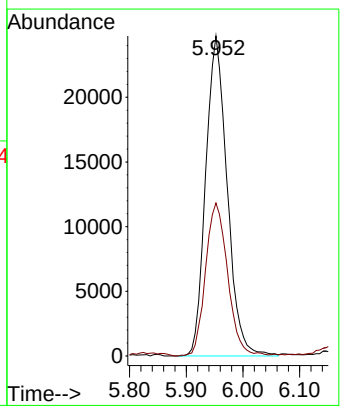


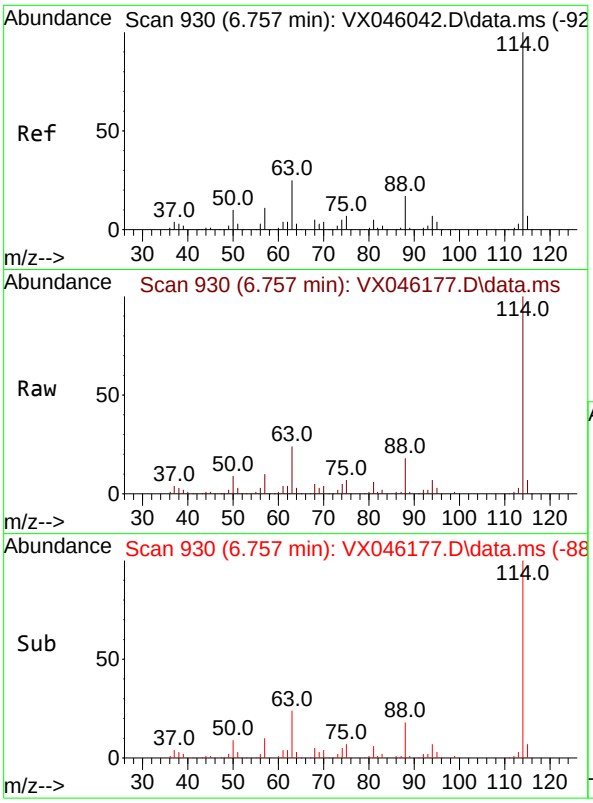


#33
1,2-Dichloroethane-d4
Concen: 51.097 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 65 Resp: 65123

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	99.0



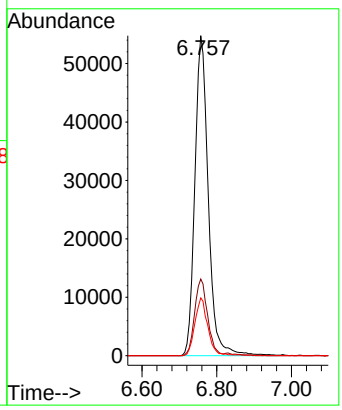


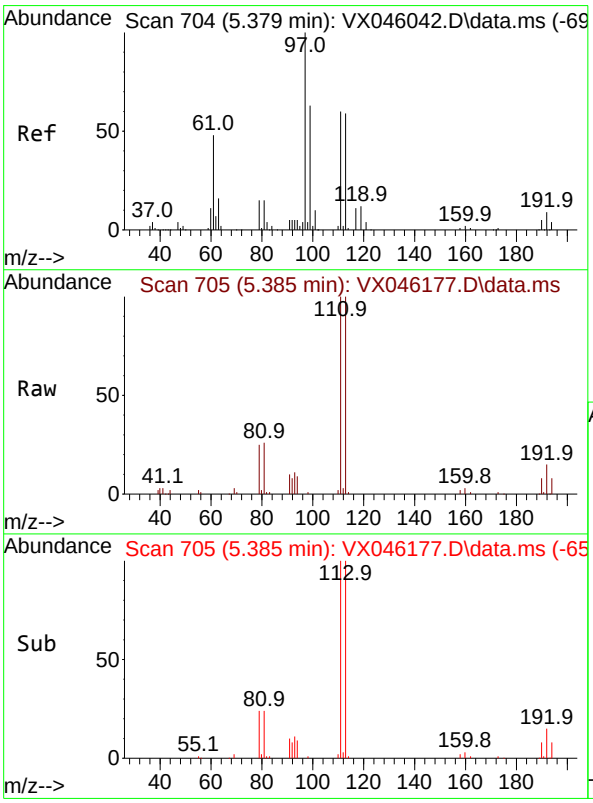
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:114 Resp: 136439

Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	49.2
88	18.0	0.0	33.6

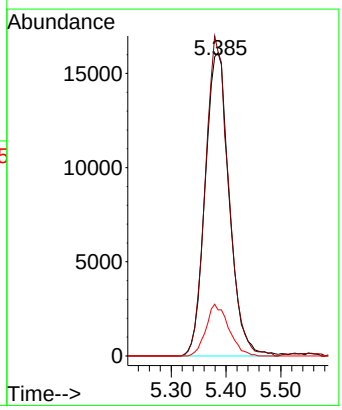




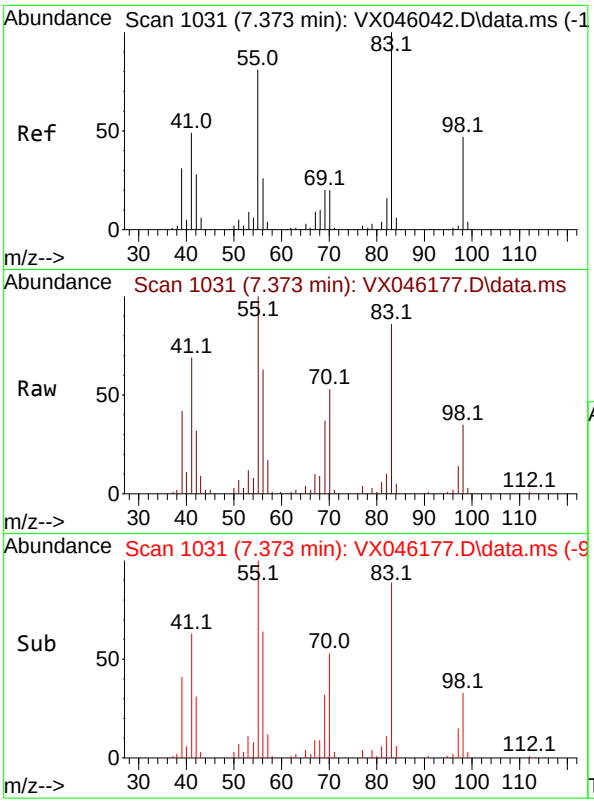
#35
Dibromofluoromethane
Concen: 50.091 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion:113 Resp: 49215

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.1	124.7
192	16.0	13.3	19.9



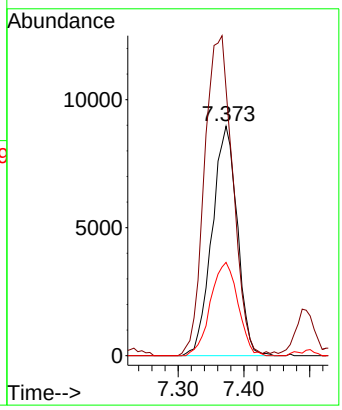
Instrument :
MSVOA_X
ClientSampleId :
MW2

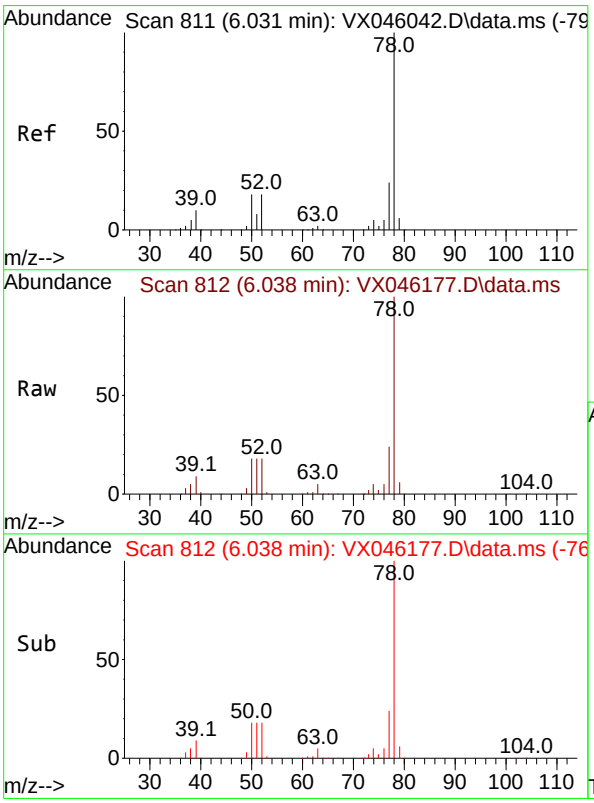


#39
Methylcyclohexane
Concen: 14.058 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 83 Resp: 23892

Ion	Ratio	Lower	Upper
83	100		
55	116.3	64.7	97.1#
98	40.7	37.4	56.2

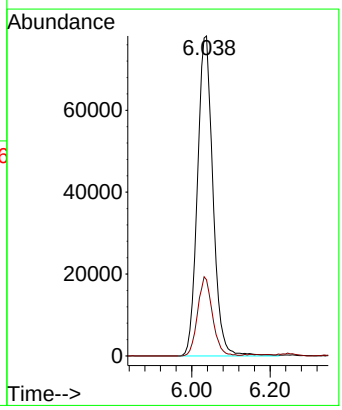


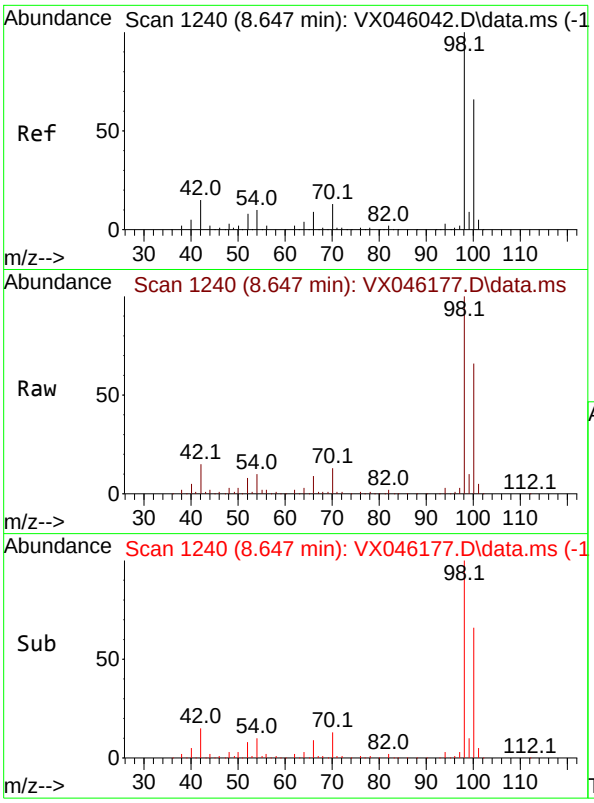


#40
Benzene
Concen: 55.550 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 78 Resp: 214793

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4



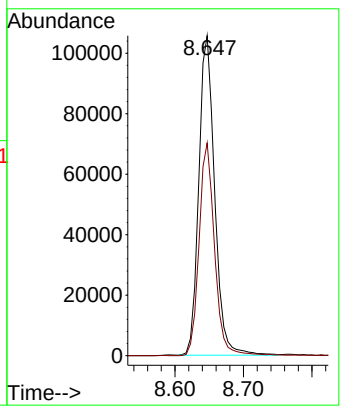


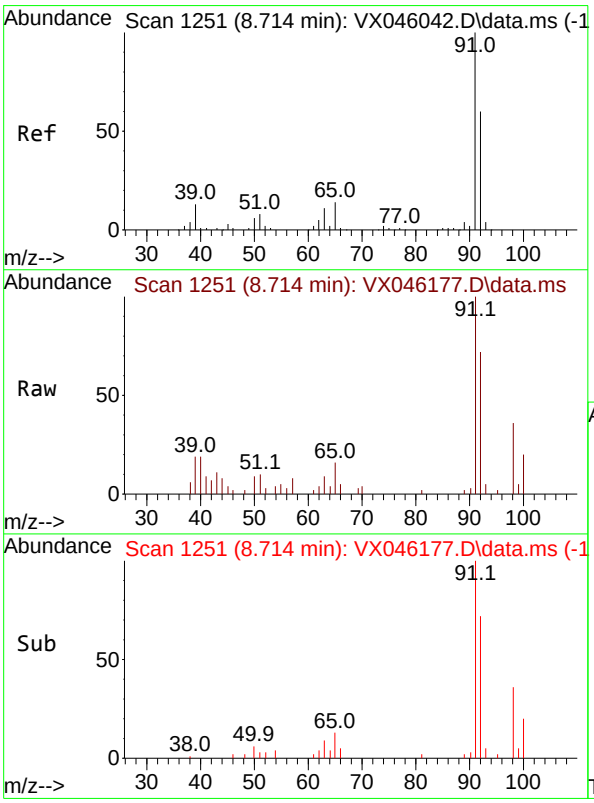
#50
Toluene-d8
Concen: 50.121 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 98 Resp: 170440

Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.5	80.3

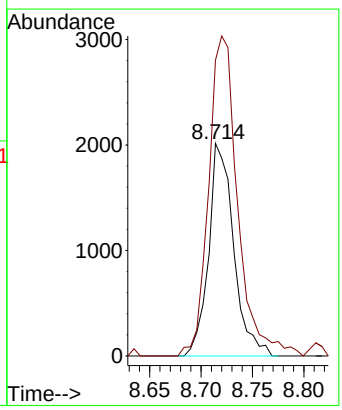


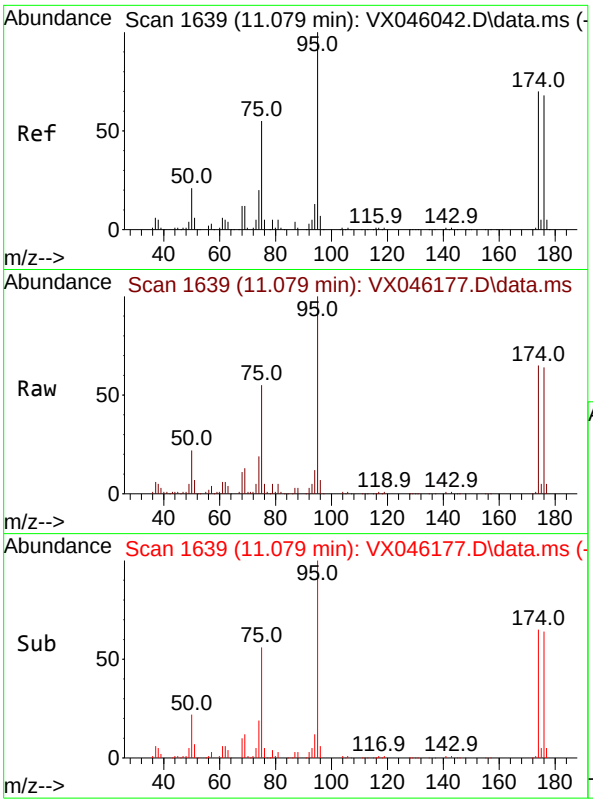


#52
Toluene
Concen: 1.441 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 92 Resp: 3417

Ion	Ratio	Lower	Upper
92	100		
91	174.8	136.6	205.0



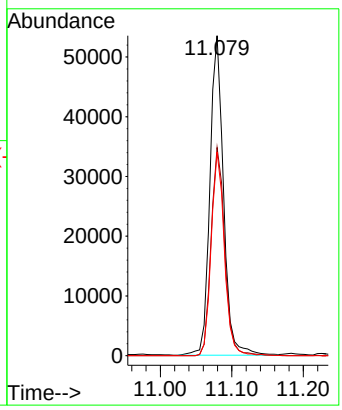


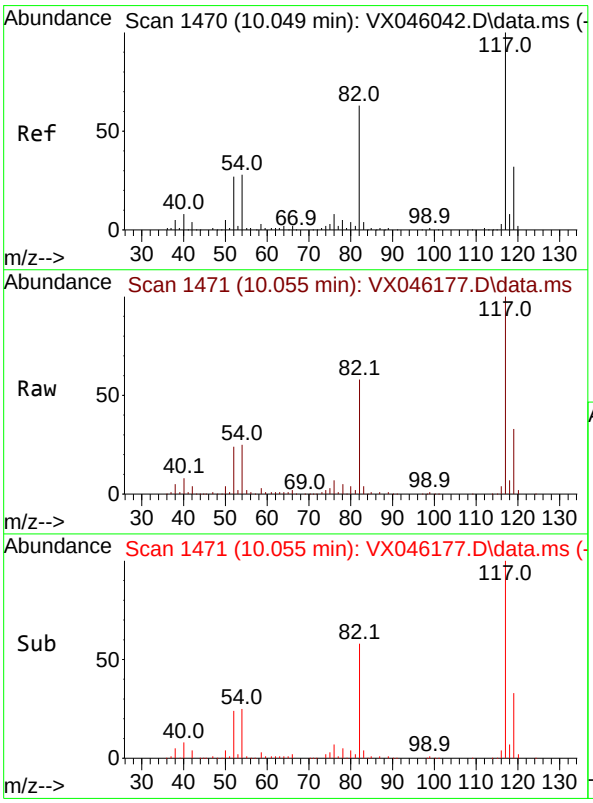
#62
4-Bromofluorobenzene
Concen: 54.226 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 95 Resp: 70733

Ion	Ratio	Lower	Upper
95	100		
174	65.3	0.0	135.8
176	61.8	0.0	131.4

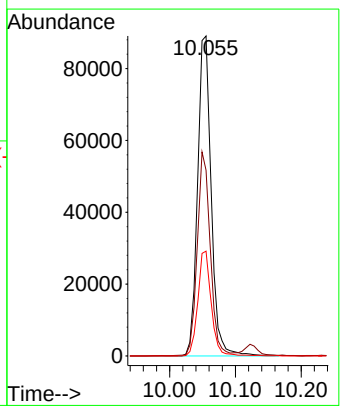


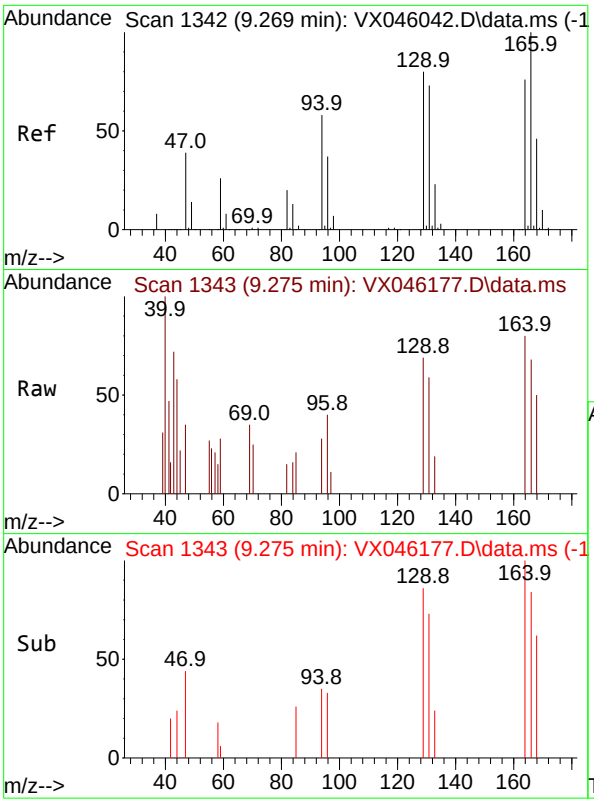


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion:117 Resp: 128432

Ion	Ratio	Lower	Upper
117	100		
82	57.8	50.6	76.0
119	32.7	25.8	38.6



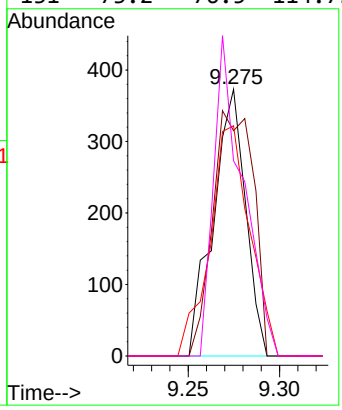


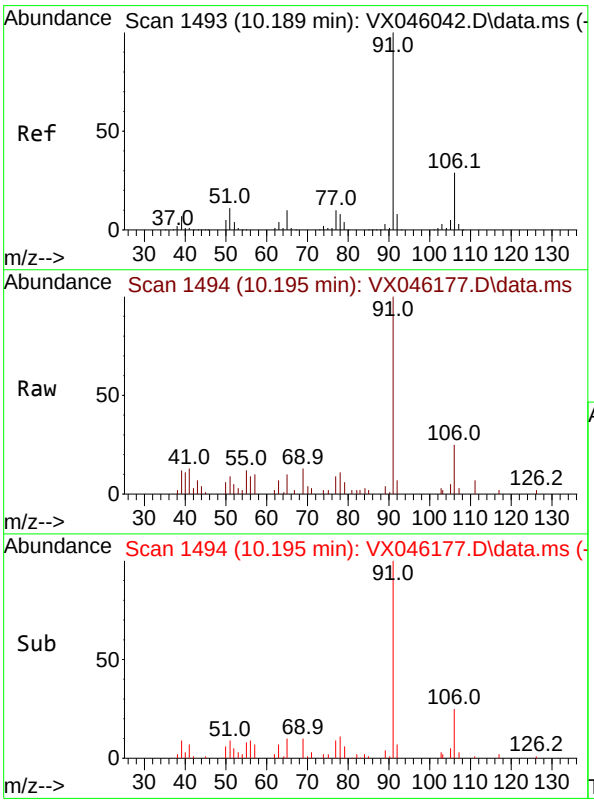
#64
Tetrachloroethene
Concen: 0.506 ug/l
RT: 9.275 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:164 Resp: 460

Ion	Ratio	Lower	Upper
164	100		
166	84.5	105.0	157.6#
129	86.3	83.5	125.3
131	73.2	76.5	114.7#

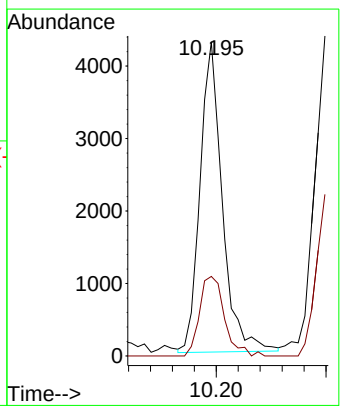


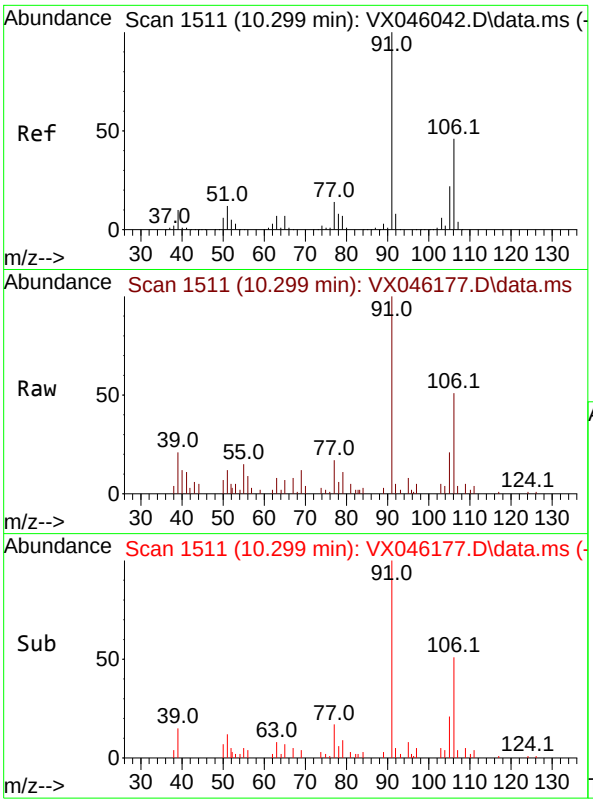


#67
Ethyl Benzene
Concen: 1.216 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 91 Resp: 6026

Ion	Ratio	Lower	Upper
91	100		
106	25.8	23.4	35.2



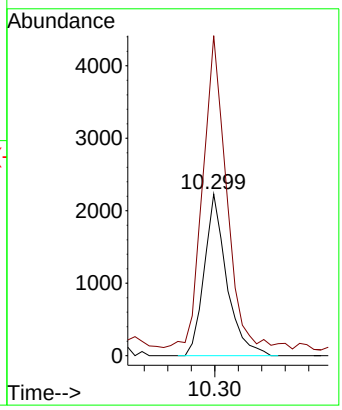


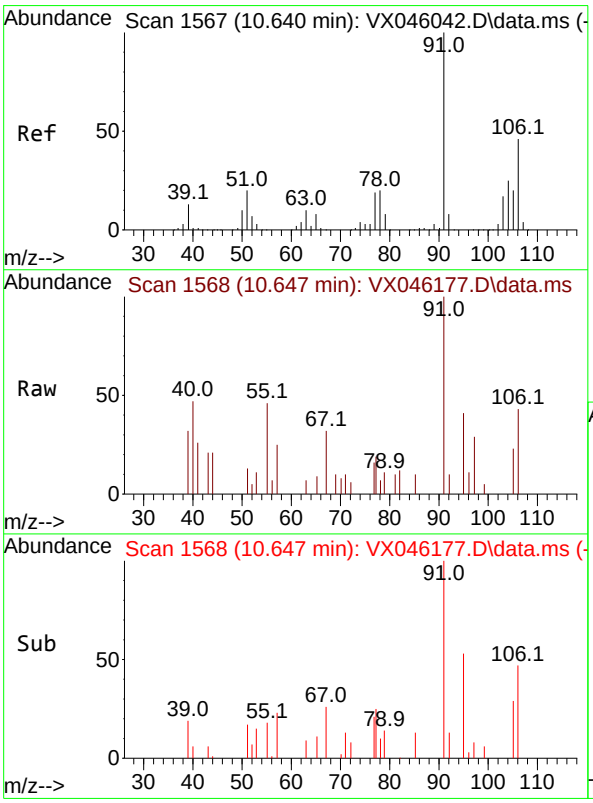
#68
m/p-Xylenes
Concen: 1.632 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:106 Resp: 2958

Ion	Ratio	Lower	Upper
106	100		
91	209.0	171.2	256.8

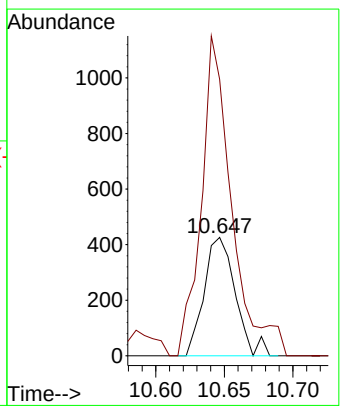


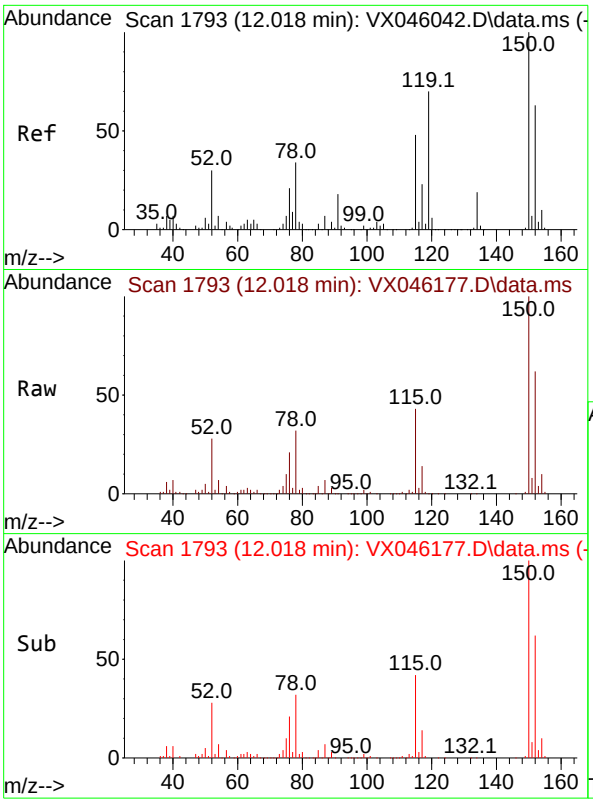


#69
o-Xylene
Concen: 0.381 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion:106 Resp: 674

Ion	Ratio	Lower	Upper
106	100		
91	263.2	112.7	338.1



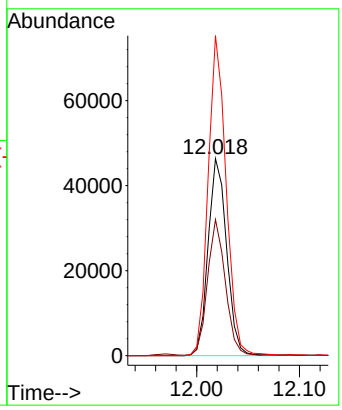


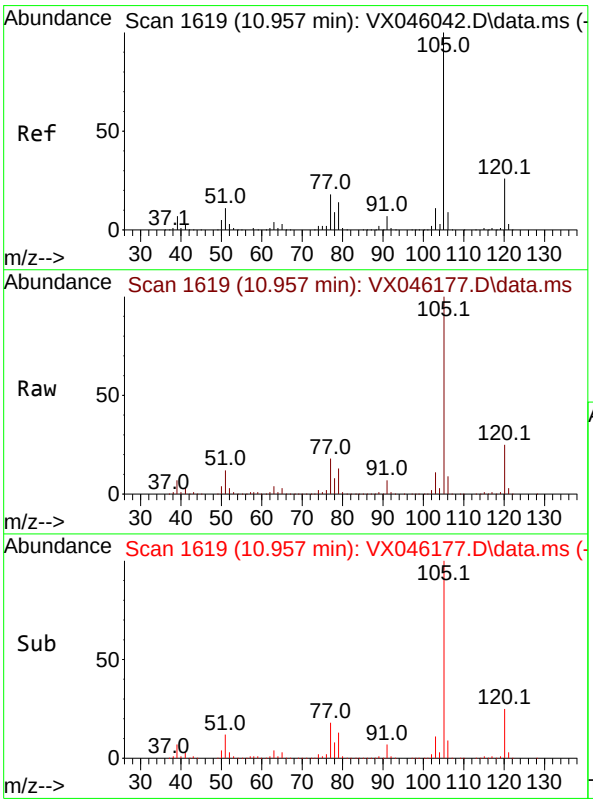
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:152 Resp: 58317

Ion	Ratio	Lower	Upper
152	100		
115	65.5	46.9	140.7
150	157.1	0.0	351.0

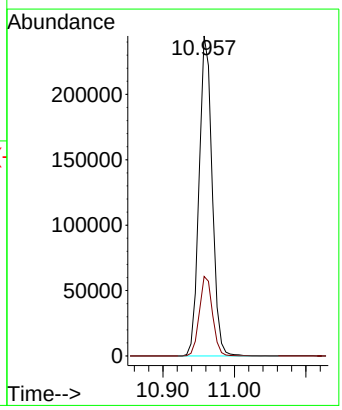


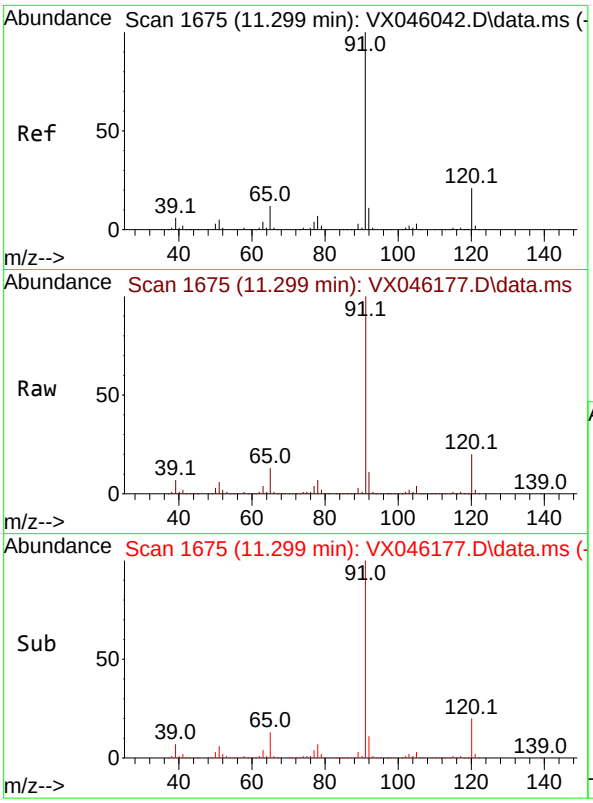


#73
Isopropylbenzene
Concen: 68.179 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion:105 Resp: 309541

Ion	Ratio	Lower	Upper
105	100		
120	25.1	12.8	38.4



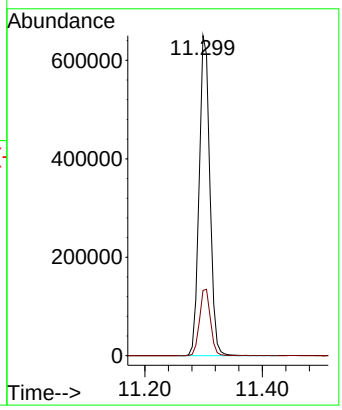


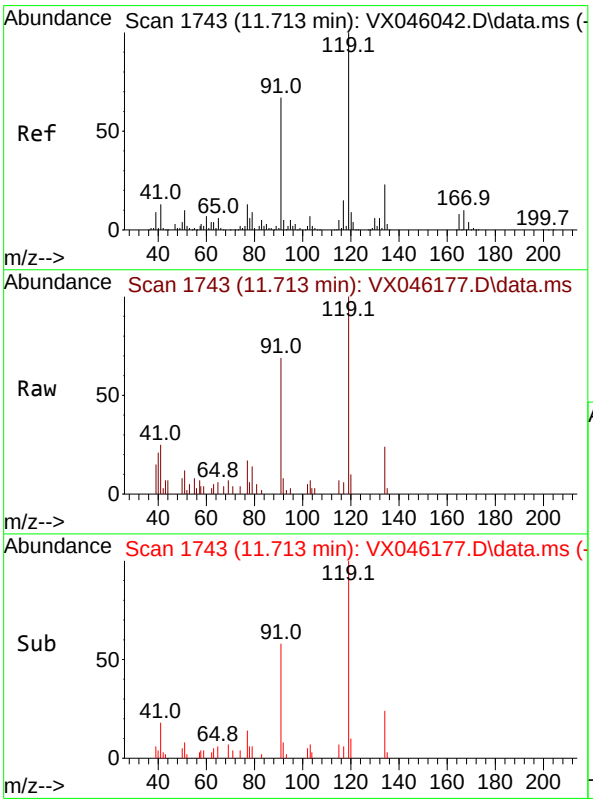
#78
n-propylbenzene
Concen: 155.709 ug/l
RT: 11.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 91 Resp: 821992

Ion	Ratio	Lower	Upper
91	100		
120	21.2	10.8	32.4

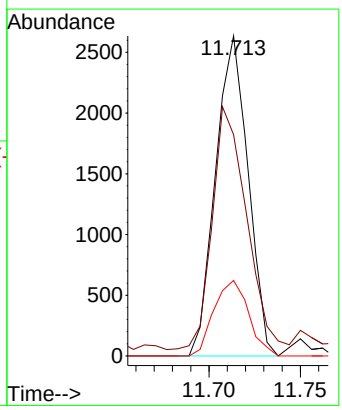


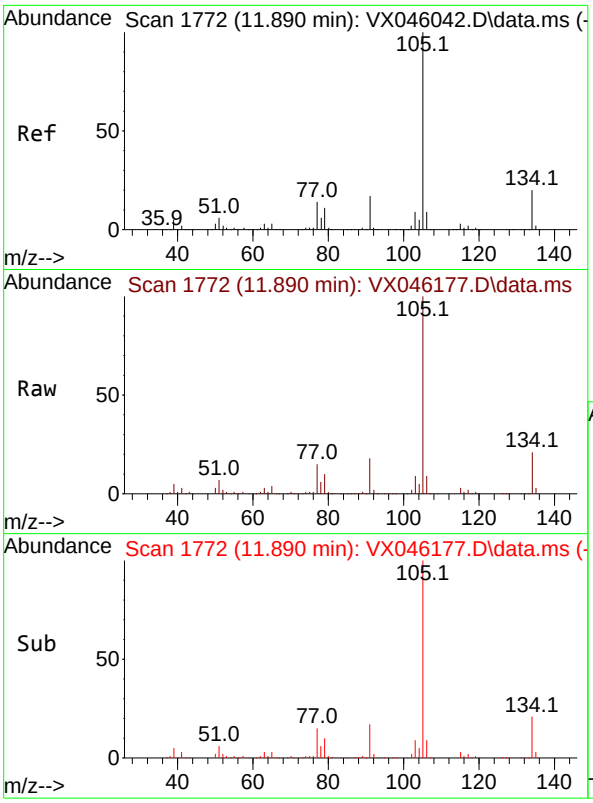


#83
tert-Butylbenzene
Concen: 0.855 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion:119 Resp: 3266

Ion	Ratio	Lower	Upper
119	100		
91	79.6	32.9	98.7
134	25.1	11.4	34.1



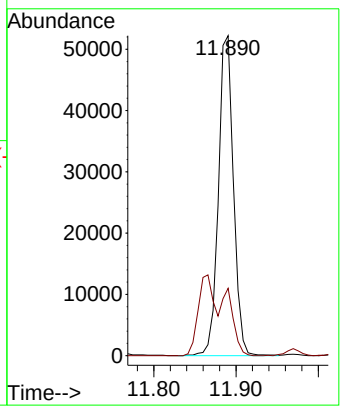


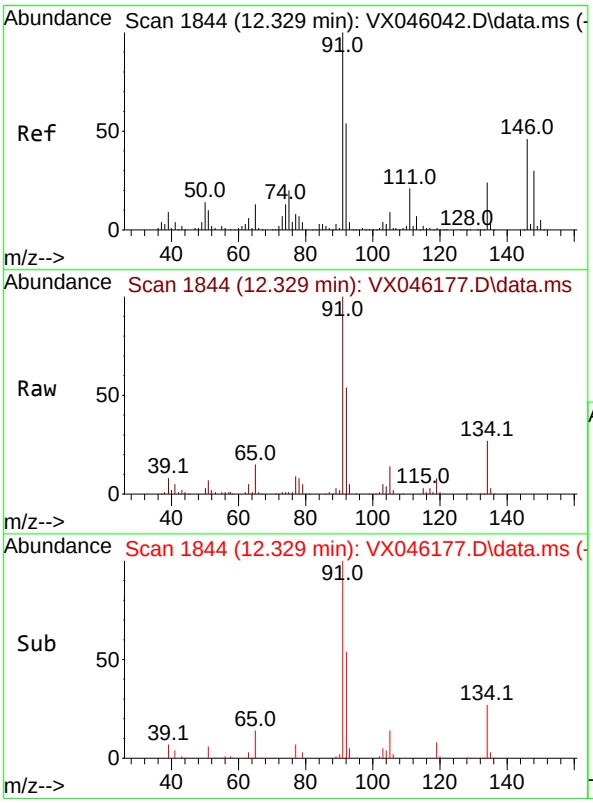
#85
sec-Butylbenzene
Concen: 14.155 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:105 Resp: 66400

Ion	Ratio	Lower	Upper
105	100		
134	16.2	9.7	29.1

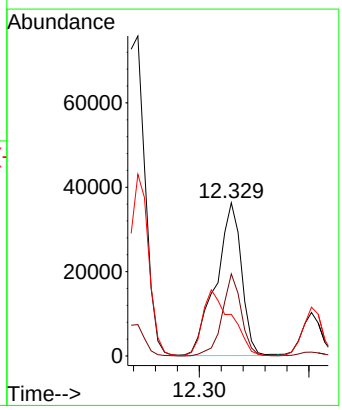


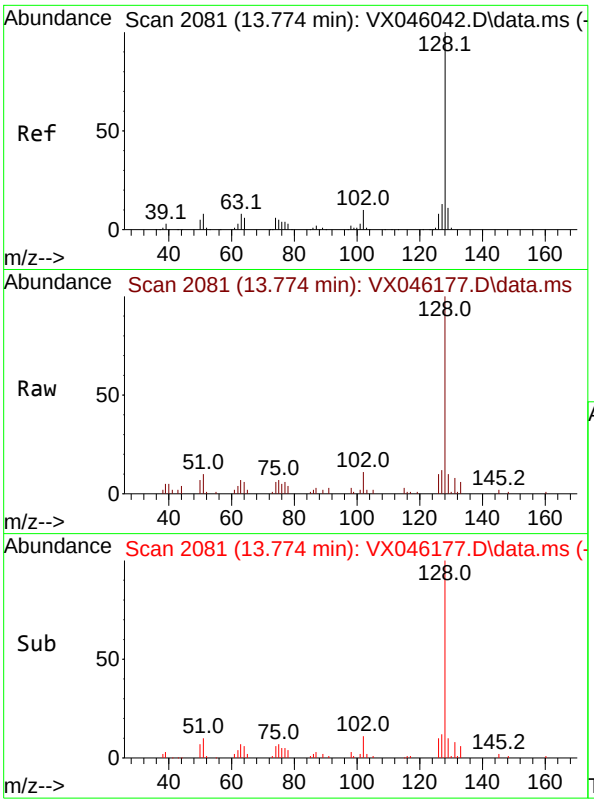


#89
n-Butylbenzene
Concen: 17.259 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Tgt Ion: 91 Resp: 58622

Ion	Ratio	Lower	Upper
91	100		
92	40.4	26.9	80.7
134	48.7	11.8	35.3#



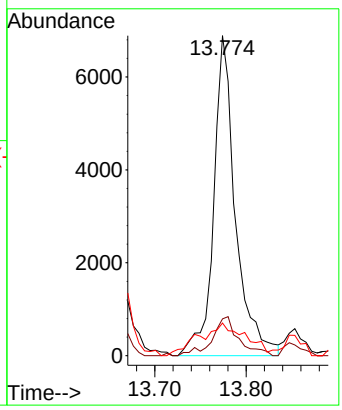


#95
Naphthalene
Concen: 2.815 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046177.D
Acq: 13 May 2025 19:28

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:128 Resp: 11449

Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.4	15.6
129	21.7	8.6	13.0#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046177.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.368	40	46	51	rBV	64312	75831	2.37%	0.299%
2	1.734	101	106	119	rVB	711306	984396	30.72%	3.879%
3	1.947	136	141	152	rVB	76858	110474	3.45%	0.435%
4	2.331	193	204	210	rVV	75391	150406	4.69%	0.593%
5	2.770	267	276	281	rBV	467360	1058095	33.01%	4.169%
6	2.819	281	284	289	rVB	192390	326398	10.18%	1.286%
7	2.971	300	309	321	rBV	1479800	3204898	100.00%	12.629%
8	3.093	321	329	345	rVB2	364686	882890	27.55%	3.479%
9	3.441	377	386	394	rBV2	15567	35251	1.10%	0.139%
10	3.727	424	433	443	rBV4	16432	45978	1.43%	0.181%
11	4.203	501	511	519	rVV2	91821	285044	8.89%	1.123%
12	4.294	519	526	539	rVV	155630	448939	14.01%	1.769%
13	4.428	539	548	567	rVB5	19736	81944	2.56%	0.323%
14	5.379	693	704	712	rBV	57337	172801	5.39%	0.681%
15	5.483	712	721	723	rVV4	33893	106546	3.32%	0.420%
16	5.544	725	731	736	rVV	83466	255014	7.96%	1.005%
17	5.611	736	742	761	rVV	157901	515067	16.07%	2.030%
18	5.824	765	777	790	rVV4	42106	140253	4.38%	0.553%
19	5.952	790	798	804	rVV	64634	166878	5.21%	0.658%
20	6.032	804	811	822	rVV	183514	498823	15.56%	1.966%
21	6.153	822	831	836	rVV2	57241	187645	5.85%	0.739%
22	6.245	836	846	856	rVV	421836	1329374	41.48%	5.238%
23	6.355	856	864	876	rVB3	45129	134310	4.19%	0.529%
24	6.757	921	930	939	rBV	142447	355920	11.11%	1.402%
25	6.842	940	944	955	rVV6	17001	48517	1.51%	0.191%
26	7.361	1018	1029	1042	rBV4	86639	251829	7.86%	0.992%
27	7.495	1042	1051	1056	rBV2	42608	90971	2.84%	0.358%
28	7.556	1056	1061	1064	rVV	39572	80936	2.53%	0.319%
29	7.598	1064	1068	1073	rVV	44078	93592	2.92%	0.369%
30	7.769	1089	1096	1104	rVB2	30850	62707	1.96%	0.247%
31	7.982	1121	1131	1142	rVB	422239	848767	26.48%	3.344%
32	8.104	1142	1151	1160	rBV	694403	1397633	43.61%	5.507%
33	8.184	1160	1164	1169	rVV	32779	57414	1.79%	0.226%
34	8.245	1169	1174	1180	rVB	22369	41577	1.30%	0.164%
35	8.427	1200	1204	1209	rVV2	22363	36672	1.14%	0.145%
36	8.507	1213	1217	1225	rVB4	31591	66360	2.07%	0.261%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

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\82X050525W.M
Title : SW846 8260

37	8.604	1225	1233	1235	rBV3	45100	82667	2.58%	0.326%
38	8.647	1235	1240	1248	rVB	295536	477152	14.89%	1.880%
39	8.976	1289	1294	1299	rVB2	23418	39011	1.22%	0.154%
40	9.098	1305	1314	1319	rVB3	40242	71146	2.22%	0.280%
41	9.159	1319	1324	1328	rBV	28600	44469	1.39%	0.175%
42	9.458	1364	1373	1376	rBV3	18259	37890	1.18%	0.149%
43	9.507	1376	1381	1387	rVB2	22549	39606	1.24%	0.156%
44	10.049	1465	1470	1476	rBV	298141	410824	12.82%	1.619%
45	10.122	1480	1482	1490	rVB3	18438	34358	1.07%	0.135%
46	10.957	1614	1619	1626	rBV	633627	802162	25.03%	3.161%
47	11.079	1634	1639	1644	rBV	256658	332534	10.38%	1.310%
48	11.299	1665	1675	1686	rBV	1352078	1731743	54.03%	6.824%
49	11.610	1721	1726	1734	rVB	40621	53645	1.67%	0.211%
50	11.860	1760	1767	1770	rBV	159726	231653	7.23%	0.913%
51	11.890	1770	1772	1776	rVB	127142	129646	4.05%	0.511%
52	12.018	1788	1793	1802	rVB	325007	396296	12.37%	1.562%
53	12.244	1824	1830	1836	rVV2	1308439	1718190	53.61%	6.770%
54	12.311	1836	1841	1851	rVV2	179934	334703	10.44%	1.319%
55	12.402	1851	1856	1862	rVV	132295	164383	5.13%	0.648%
56	12.610	1882	1890	1893	rBV	273425	338253	10.55%	1.333%
57	12.640	1893	1895	1900	rVV	80965	97992	3.06%	0.386%
58	12.695	1900	1904	1912	rVV	408348	544918	17.00%	2.147%
59	12.835	1920	1927	1933	rVB	35034	50896	1.59%	0.201%
60	12.921	1933	1941	1946	rBV	464795	593776	18.53%	2.340%
61	13.024	1953	1958	1966	rVB3	65819	98584	3.08%	0.388%
62	13.134	1973	1976	1978	rVV	48222	59340	1.85%	0.234%
63	13.164	1978	1981	1990	rVB	203497	269414	8.41%	1.062%
64	13.286	1993	2001	2007	rBV2	330838	454194	14.17%	1.790%
65	13.420	2020	2023	2031	rVB2	23473	34283	1.07%	0.135%
66	13.542	2039	2043	2046	rVV	93149	133273	4.16%	0.525%
67	13.579	2046	2049	2053	rVV3	85966	121722	3.80%	0.480%
68	13.640	2053	2059	2060	rVV2	43597	75938	2.37%	0.299%
69	13.664	2060	2063	2071	rVB2	62919	111100	3.47%	0.438%
70	13.792	2078	2084	2090	rVB2	15751	34022	1.06%	0.134%
71	13.926	2099	2106	2110	rBV2	38816	61407	1.92%	0.242%
72	14.073	2125	2130	2136	rBV	46750	61344	1.91%	0.242%
73	14.213	2149	2153	2165	rVV2	30523	56679	1.77%	0.223%
74	14.317	2165	2170	2176	rVV	90060	117118	3.65%	0.461%
75	14.372	2176	2179	2184	rVB	29176	36806	1.15%	0.145%
76	14.774	2240	2245	2255	rBV	196546	264892	8.27%	1.044%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

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\82X050525W.M
Title : SW846 8260

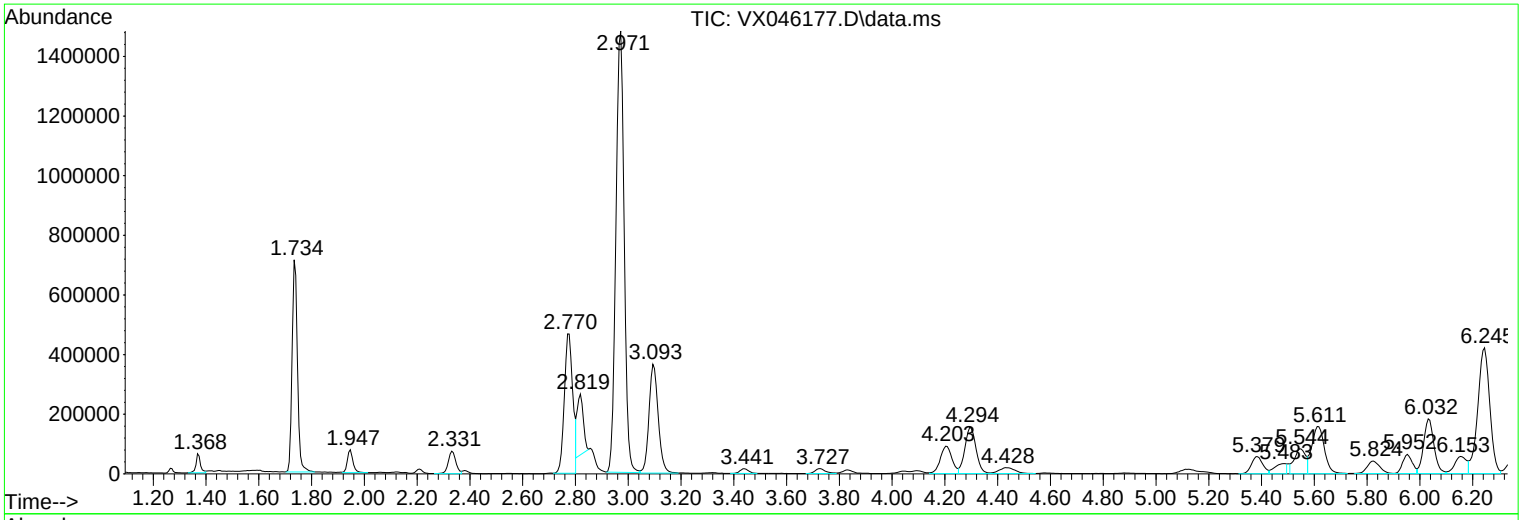
Sum of corrected areas: 25378179

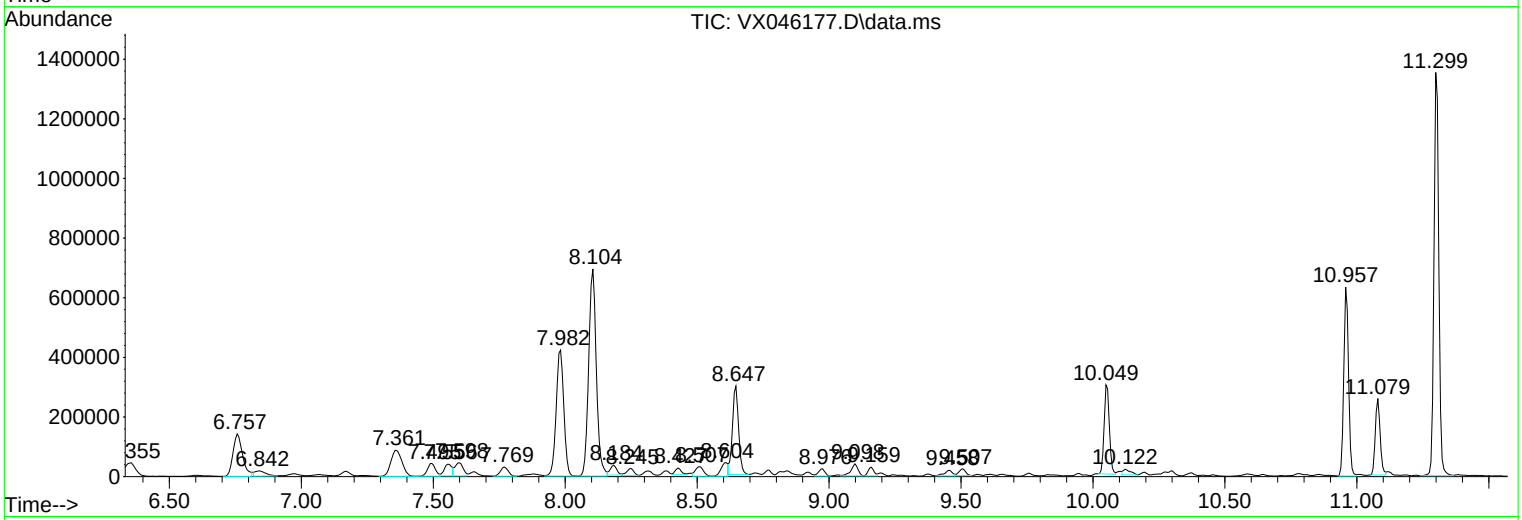
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

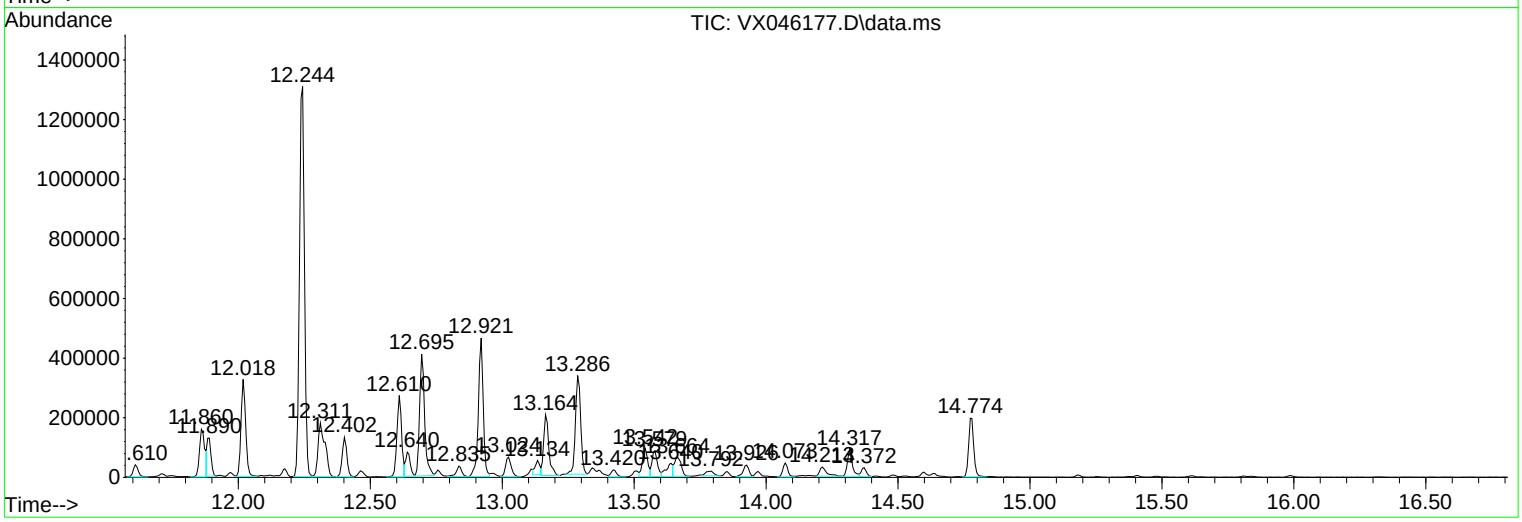
Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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







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Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

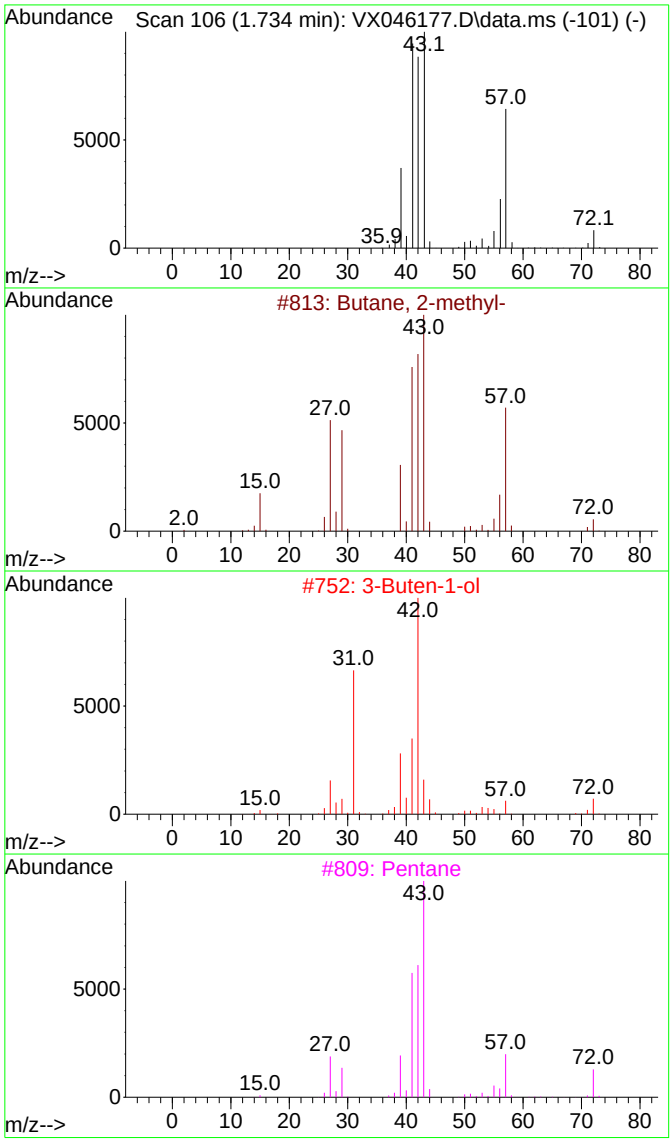
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

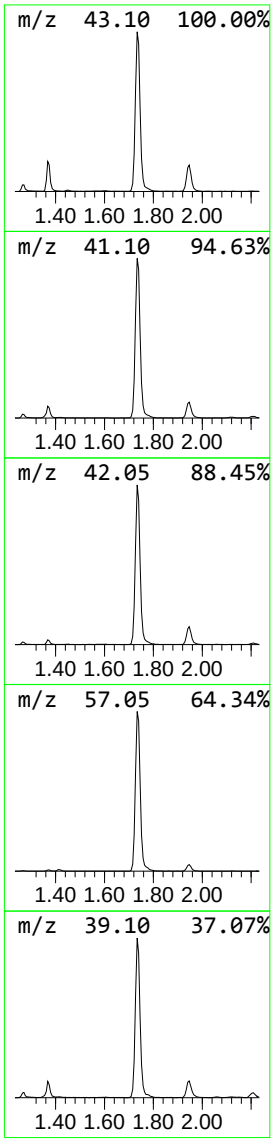
****

Peak Number 1 Butane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.734	193.01 ug/l	984396	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	16
5	1-Butene	56	C4H8	000106-98-9	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

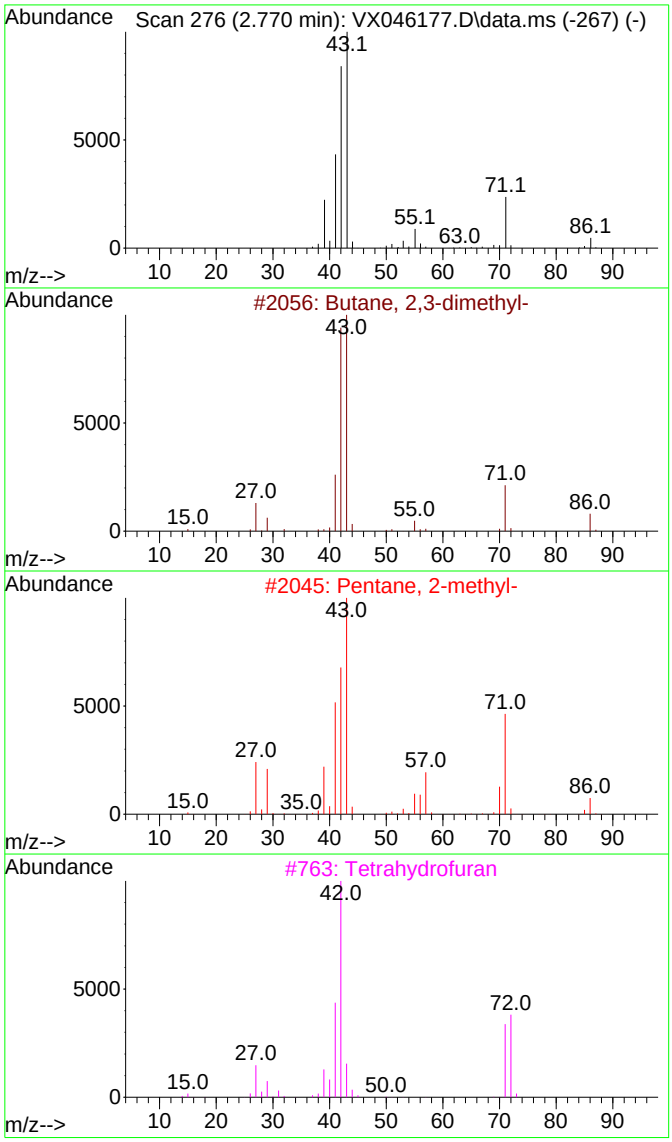
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

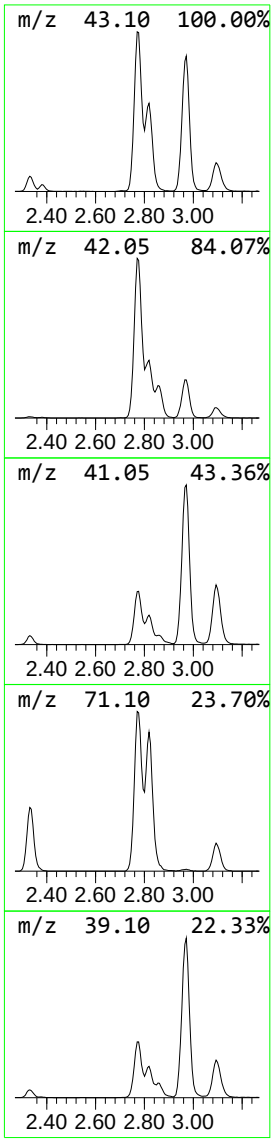
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.770	207.46 ug/l	1058100	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	86
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
3	Tetrahydrofuran	72	C4H8O	000109-99-9	38
4	Oxalic acid, pentyl propyl ester	202	C10H18O4	1000309-25-7	12
5	Pyrrolidine	71	C4H9N	000123-75-1	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

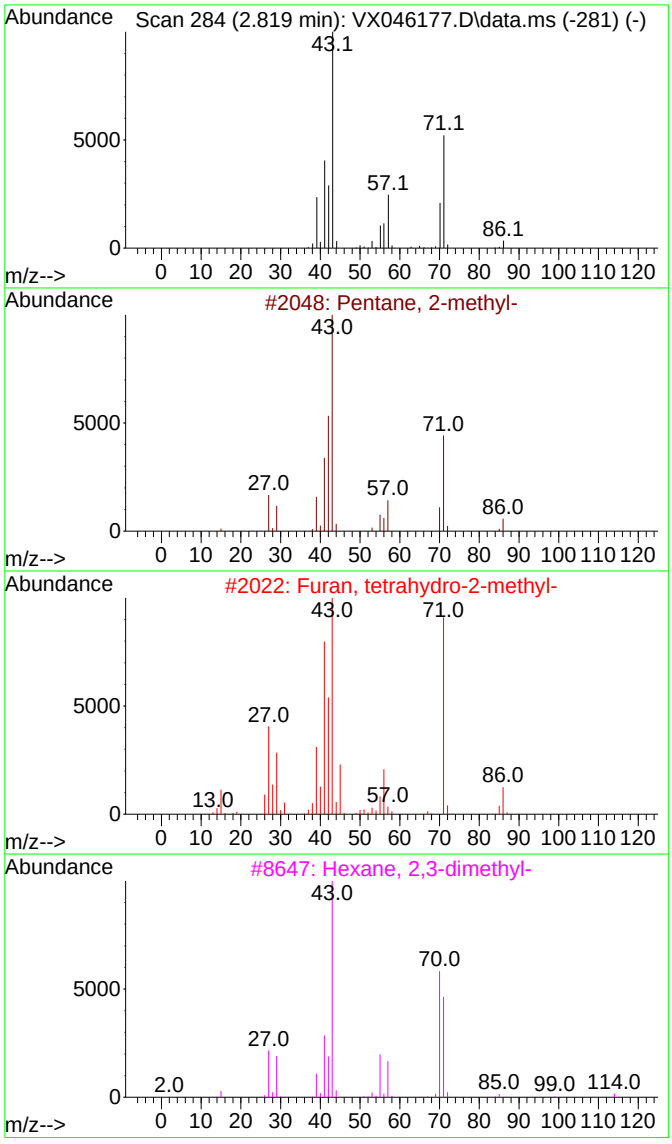
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

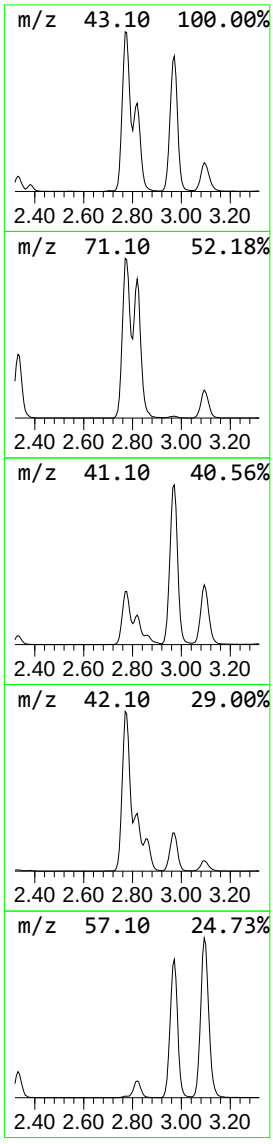
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 unknown2.819 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	64.00 ug/l	326398	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	45
2	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	33
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	33
4	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	33
5	Butanal, 2,2-dimethyl-	100	C6H12O	002094-75-9	23





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

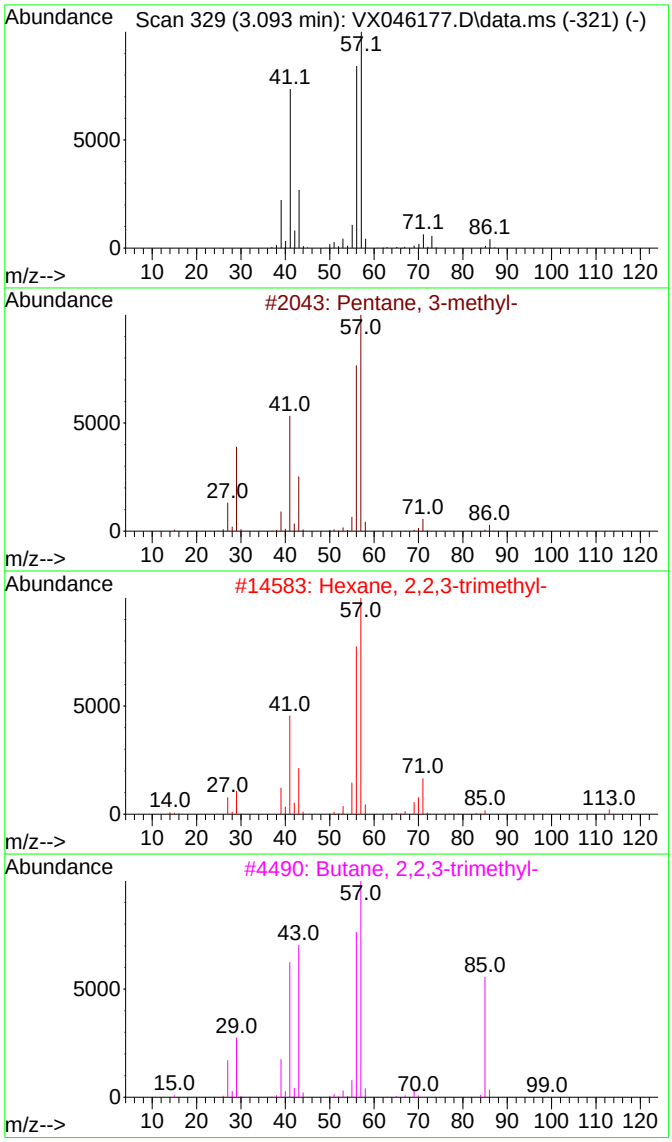
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

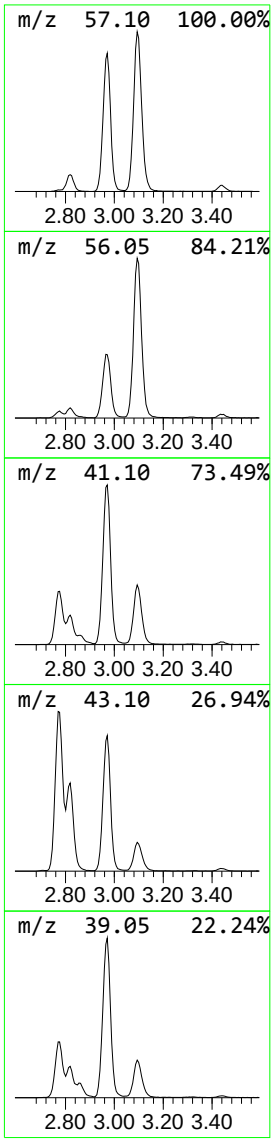
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	173.11 ug/l	882890	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	64
4	1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

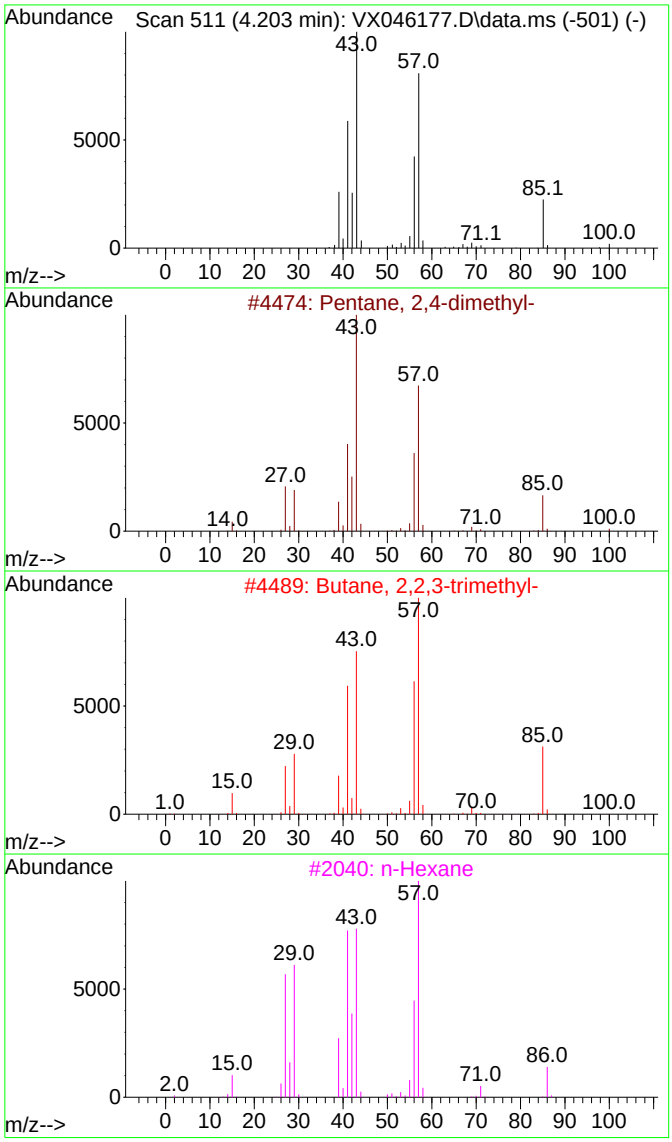
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

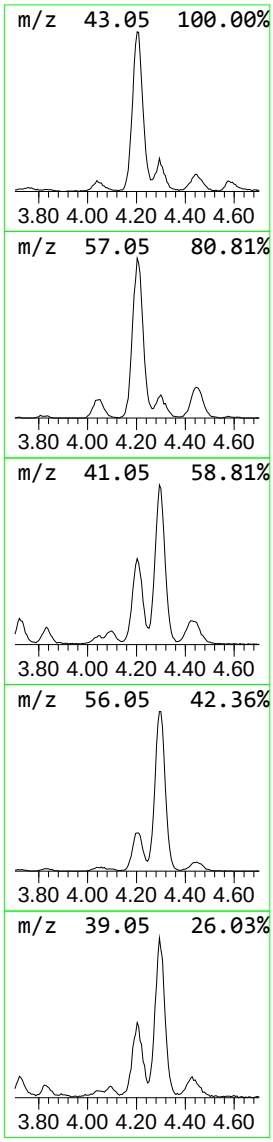
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Pentane, 2,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.203	55.89 ug/l	285044	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	91
2	Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	59
3	n-Hexane	86	C6H14	000110-54-3	53
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
5	1-Pentene, 4-methyl-	84	C6H12	000691-37-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

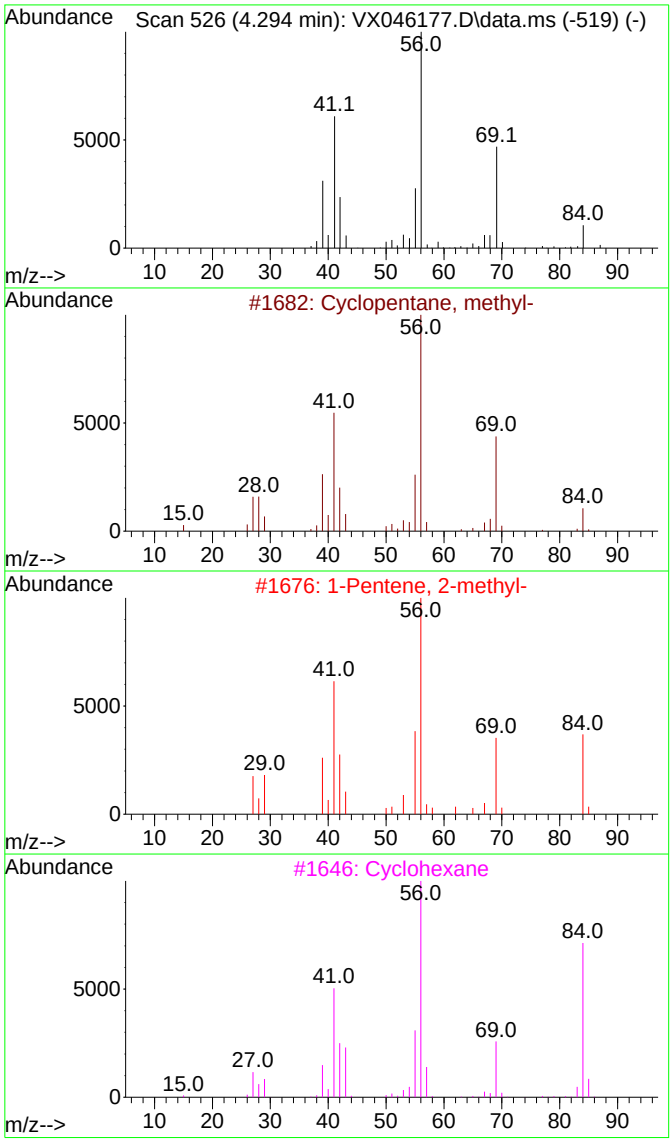
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

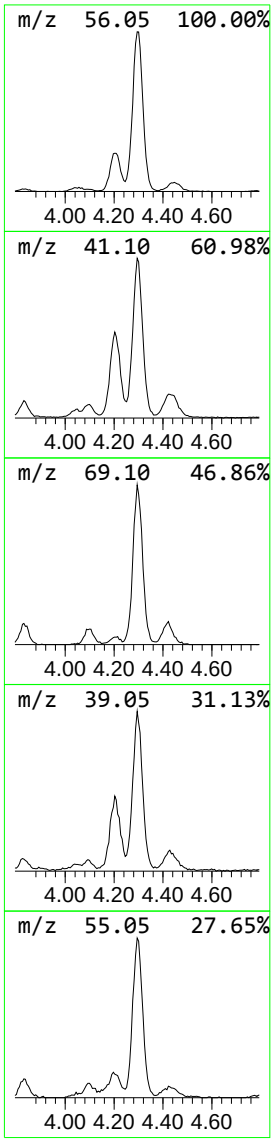
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	88.02 ug/l	448939	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	80
3	Cyclohexane	84	C6H12	000110-82-7	78
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
5	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64





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Acq On    : 13 May 2025  19:28
Operator  : JC/MD
Sample    : Q2018-04
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 26   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title  : SW846 8260

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

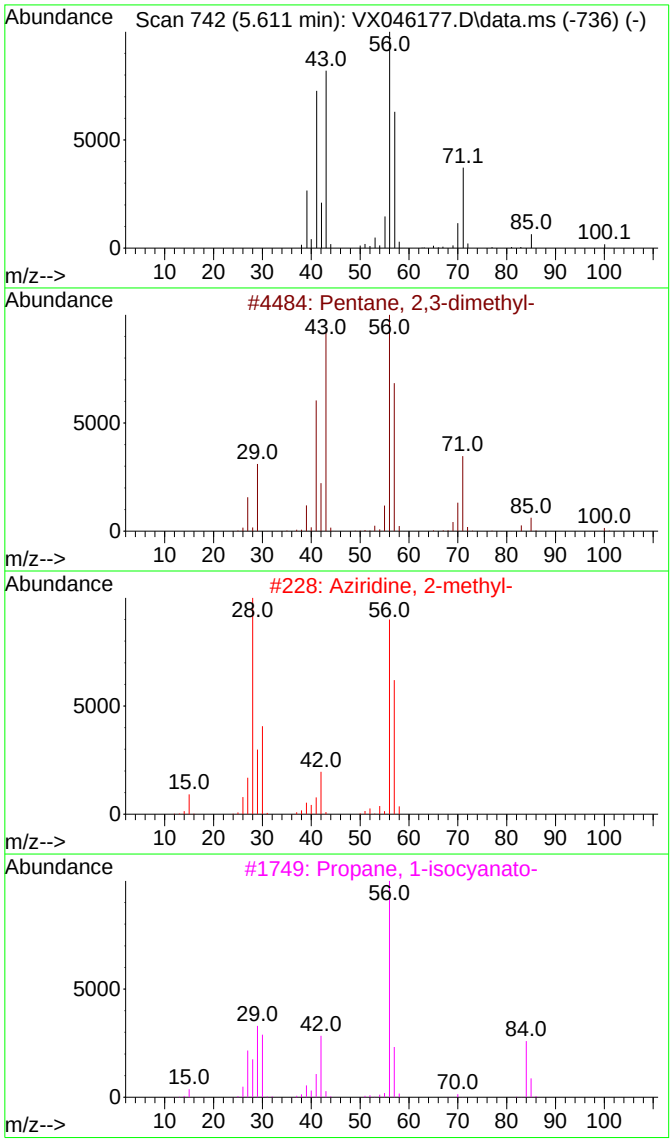
Instrument :
MSVOA_X
ClientSampleId :
MW2

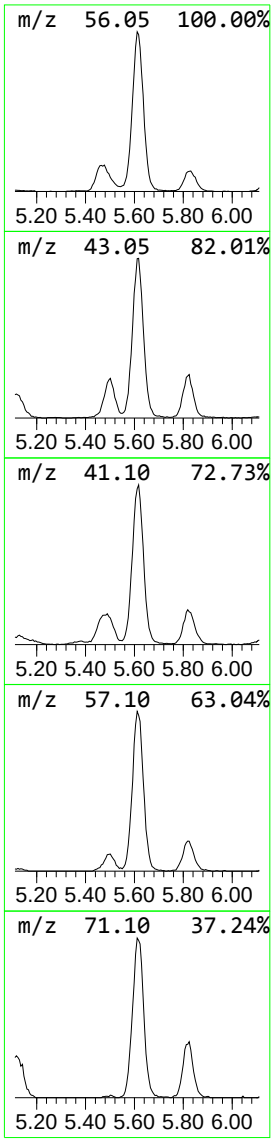
****

Peak Number 7 Pentane, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.611	100.99 ug/l	515067	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	91
2	Aziridine, 2-methyl-	57	C3H7N	000075-55-8	47
3	Propane, 1-isocyanato-	85	C4H7NO	000110-78-1	40
4	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	37
5	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	33





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Data File : VX046177.D
Acq On    : 13 May 2025  19:28
Operator  : JC/MD
Sample    : Q2018-04
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 26   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title  : SW846 8260

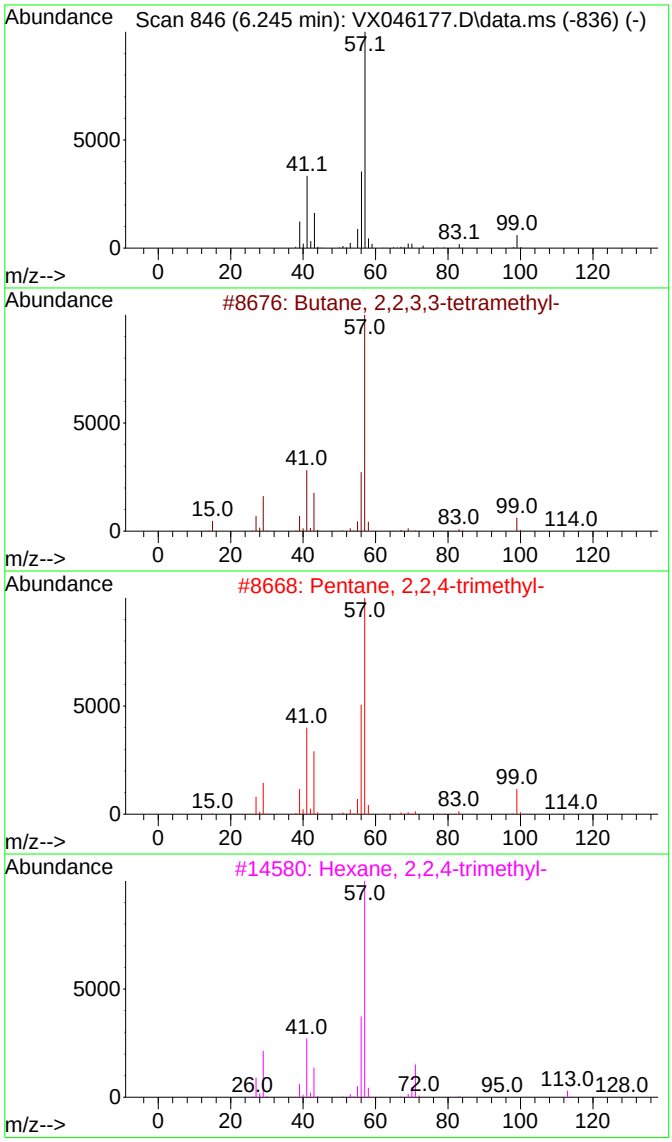
TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

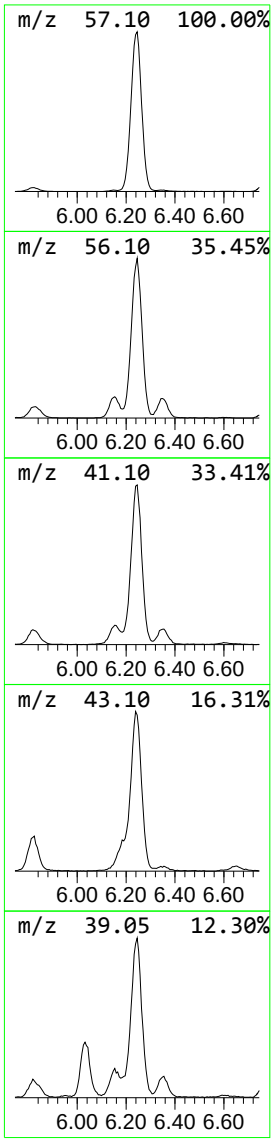
Instrument :
MSVOA_X
ClientSampleId :
MW2

Peak Number 8 Butane, 2,2,3,3-tetramethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.245	186.75 ug/l	1329370	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
3	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
4	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	59





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Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

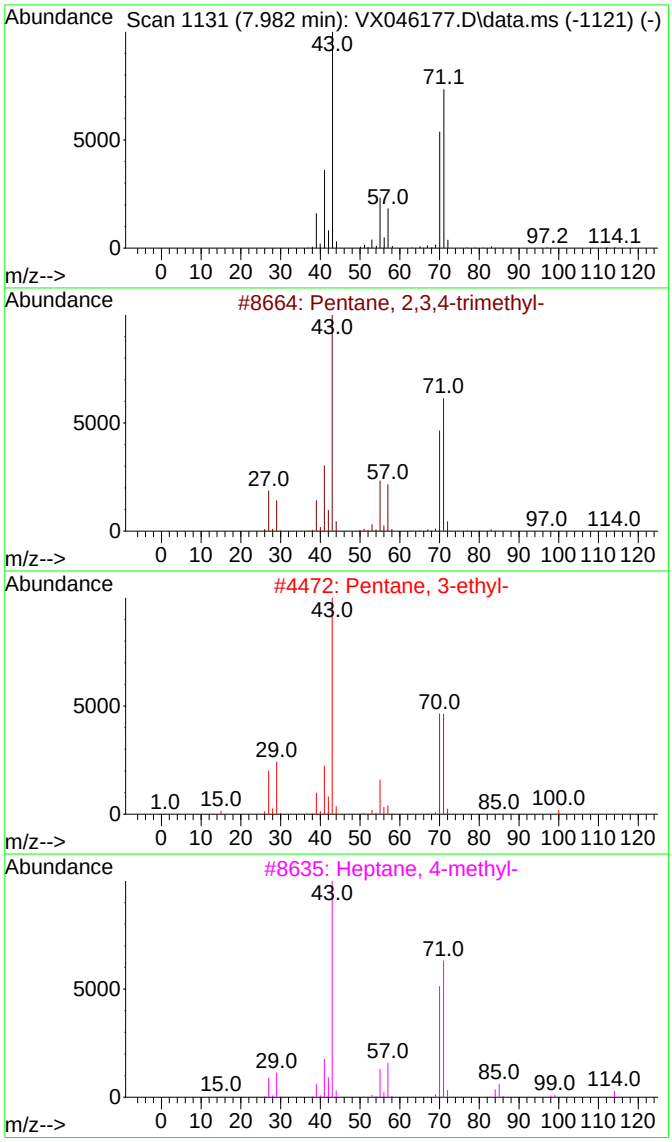
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

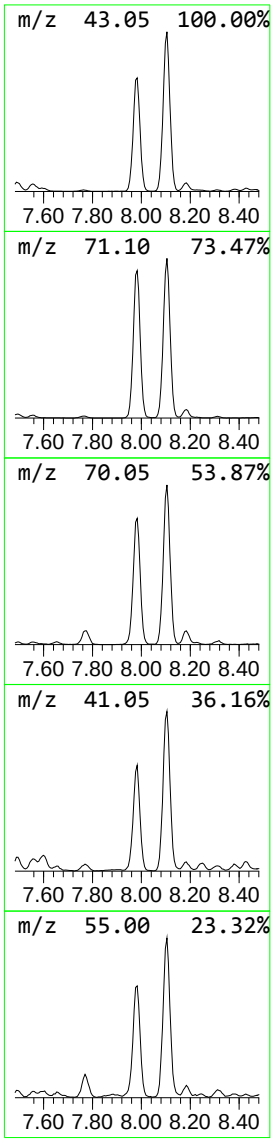
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Pentane, 2,3,4-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.982	119.24 ug/l	848767	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Ethanedioic acid, bis(3-methylbu...	230	C12H22O4	002051-00-5	64
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

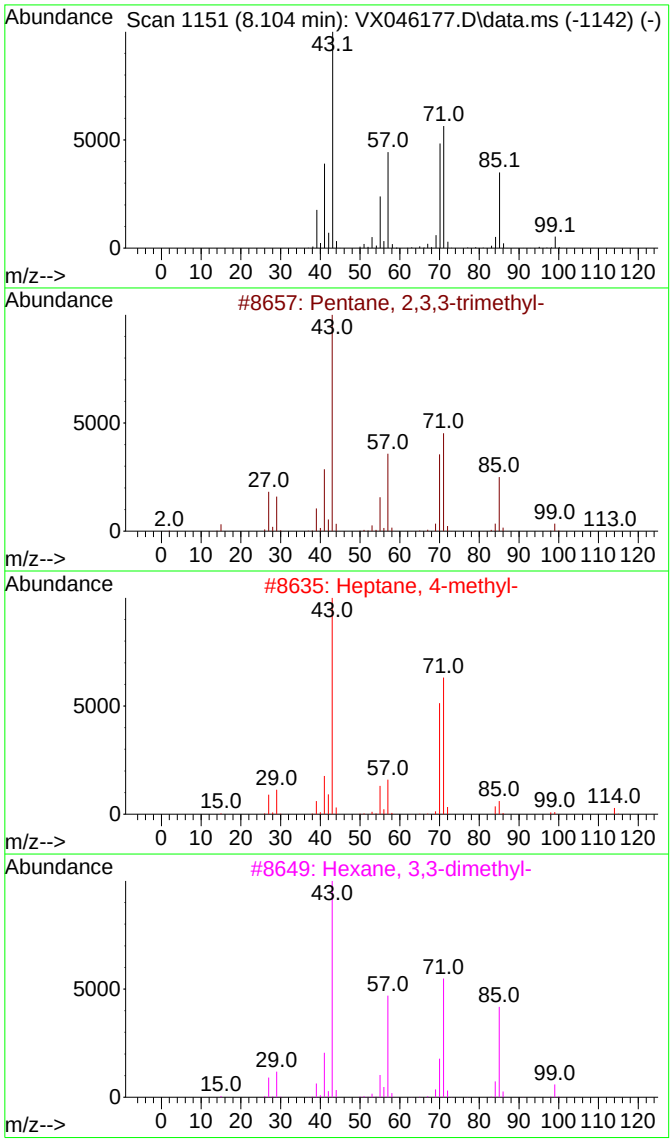
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

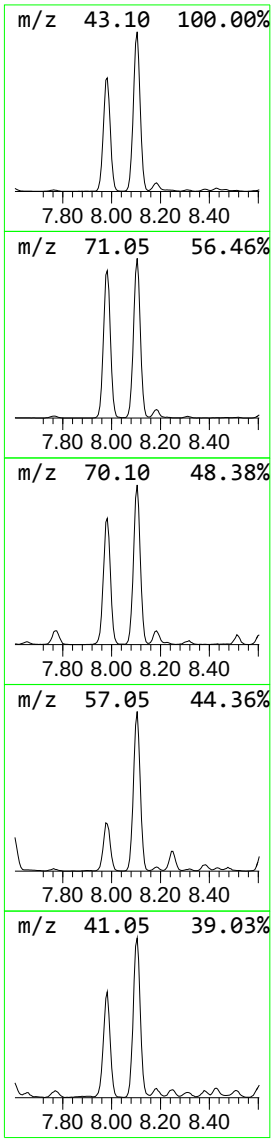
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pentane, 2,3,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.104	196.34 ug/l	1397630	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	90
2	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	59
4	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	59
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On    : 13 May 2025  19:28
Operator  : JC/MD
Sample    : Q2018-04
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 26   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title  : SW846 8260

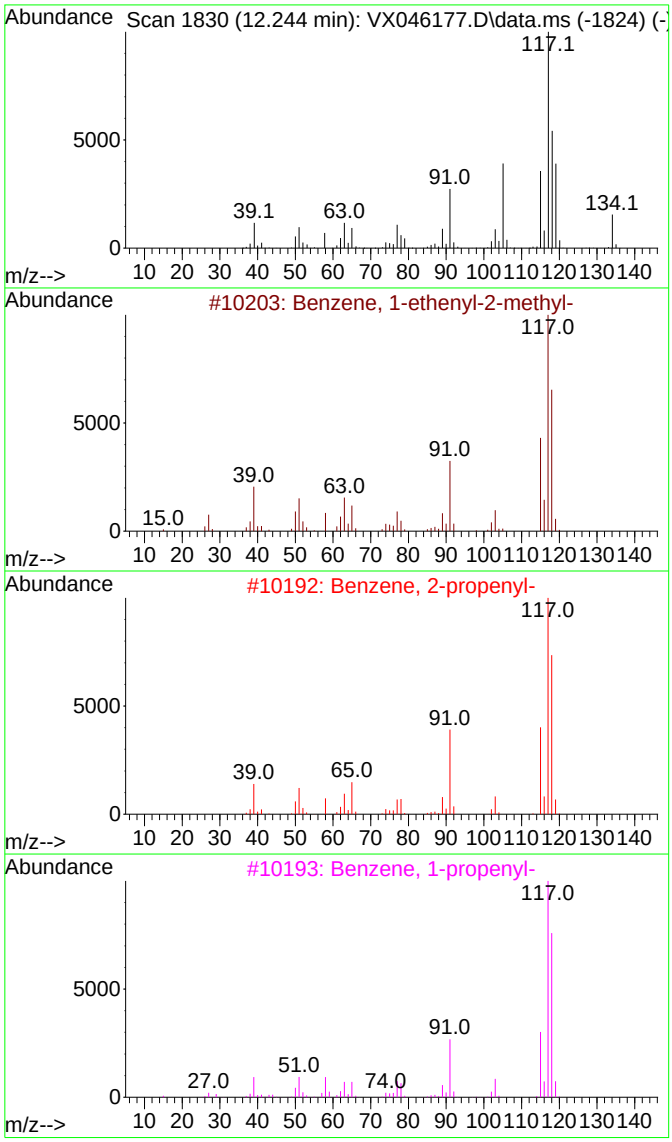
TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
```

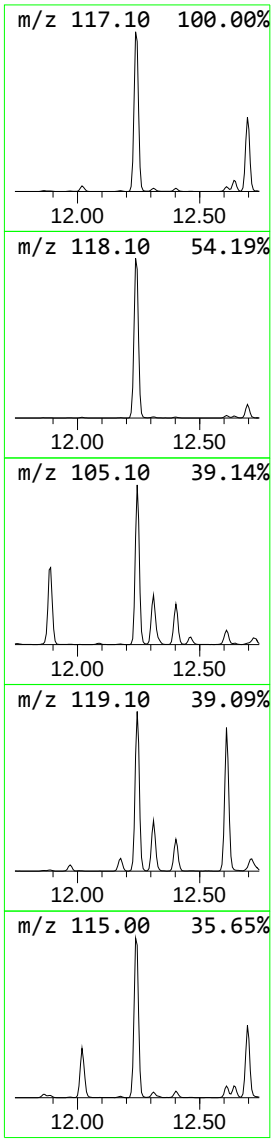
Instrument :
MSVOA_X
ClientSampleId :
MW2

Peak Number 11 Benzene, 1-ethenyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	216.78 ug/l	1718190	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	80
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	60
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	60
5	Indane	118	C9H10	000496-11-7	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

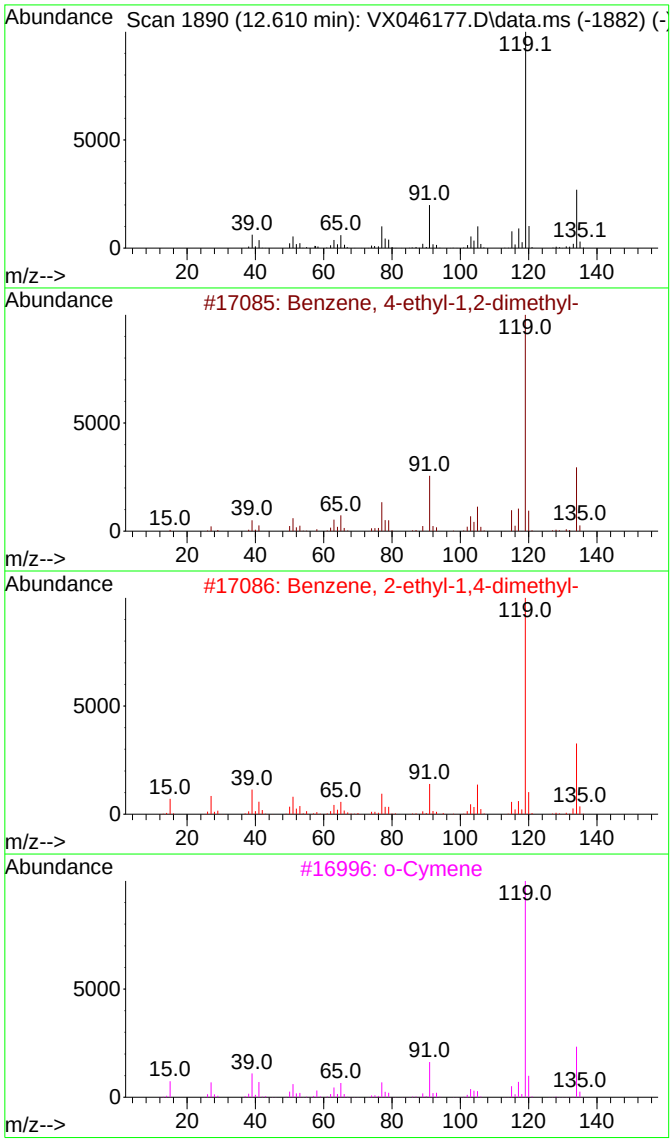
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

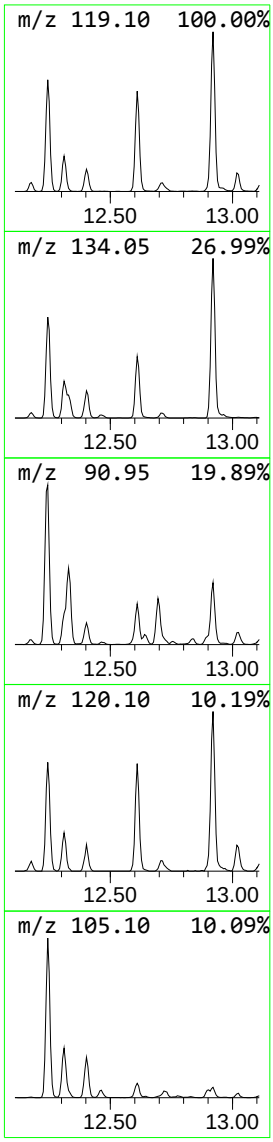
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	42.68 ug/l	338253	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	97
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

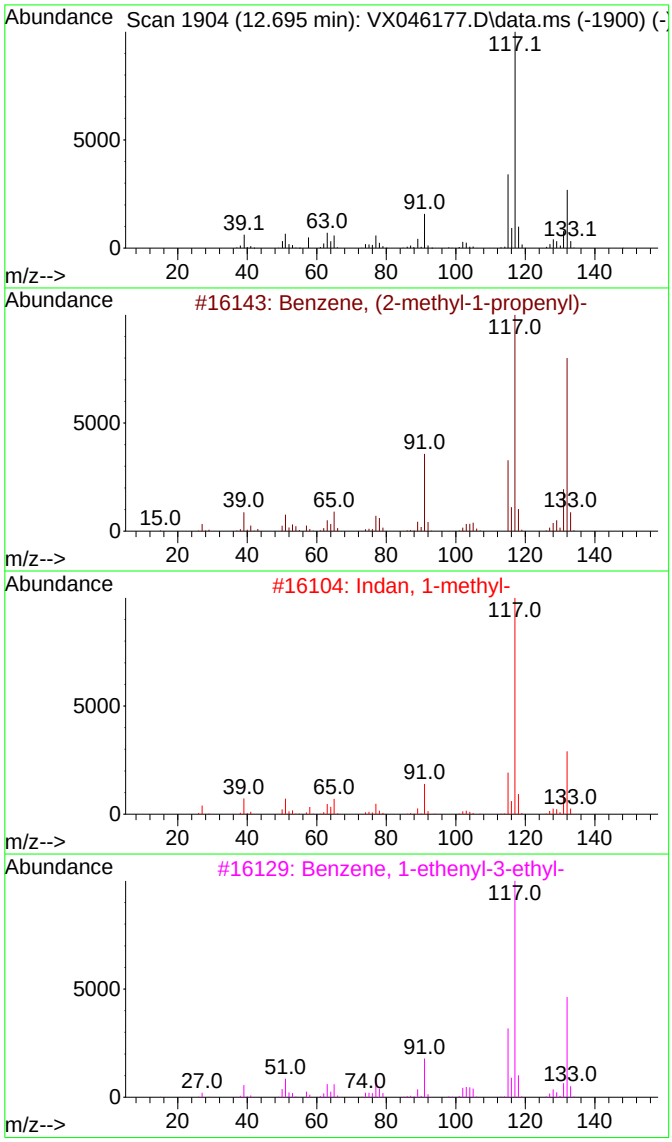
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

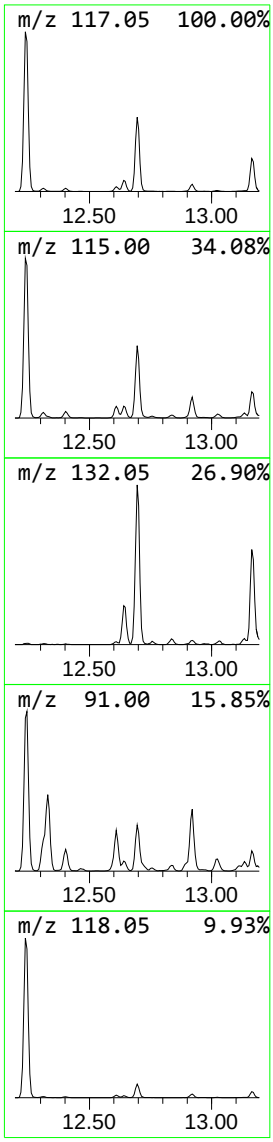
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, (2-methyl-1-propen... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	68.75 ug/l	544918	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	91
2	Indan, 1-methyl-	132	C10H12	000767-58-8	91
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	91
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

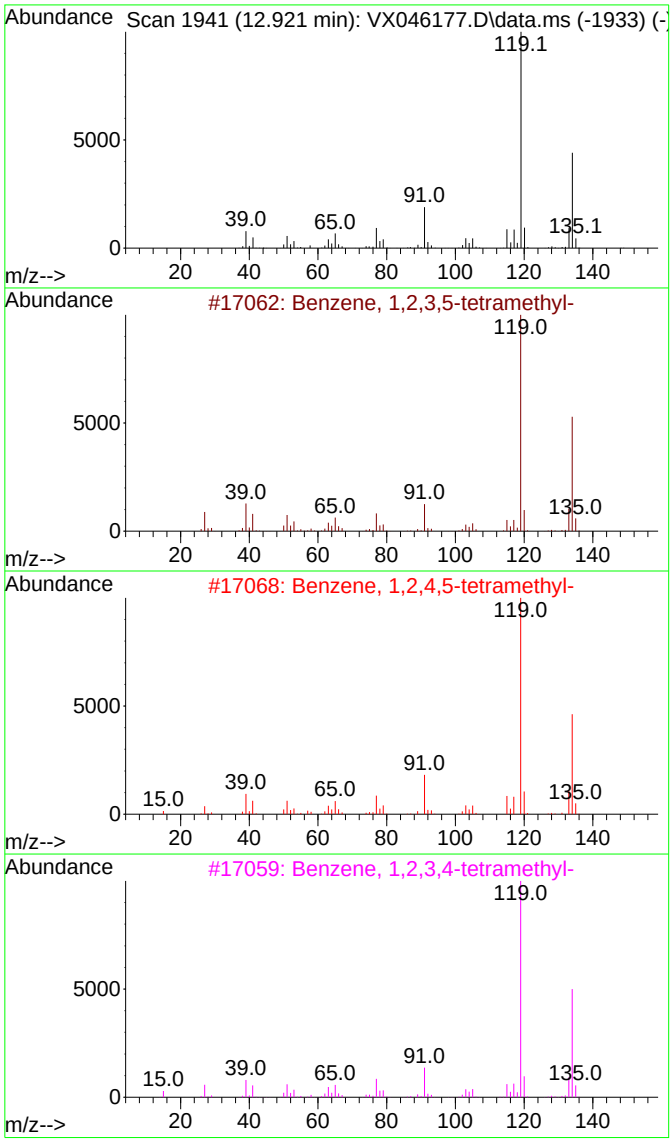
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

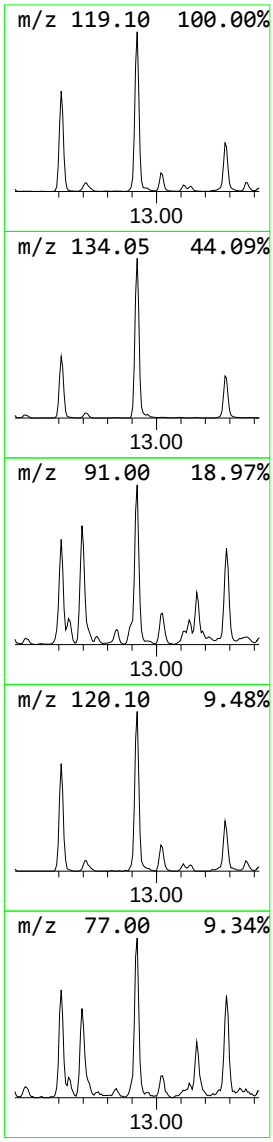
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	74.92 ug/l	593776	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

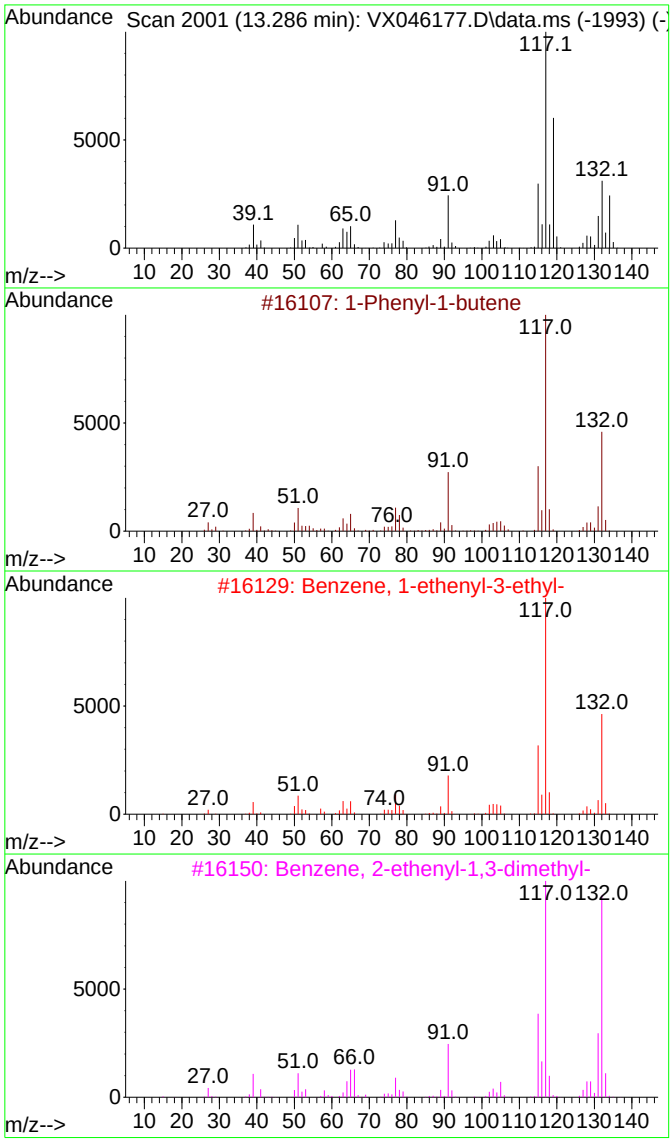
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

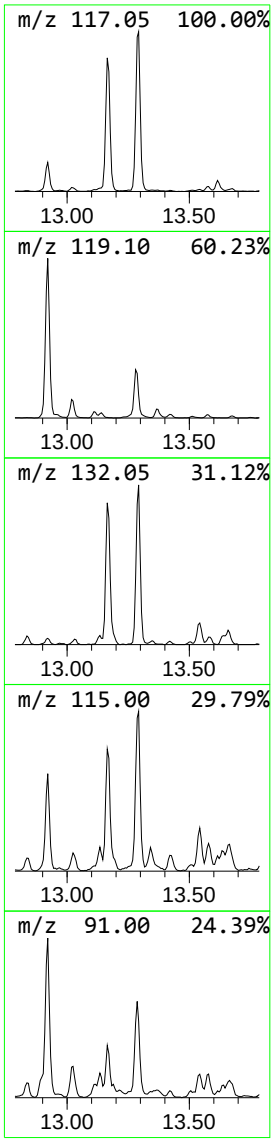
****

Peak Number 15 1-Phenyl-1-butene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	57.30 ug/l	454194	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	95
2	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	92
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	70
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046177.D
Acq On : 13 May 2025 19:28
Operator : JC/MD
Sample : Q2018-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butane, 2-methyl-	1.734	193.0	ug/l	984396	1	5.550	255014	50.0
Butane, 2,3-dim...	2.770	207.5	ug/l	1058100	1	5.550	255014	50.0
unknown2.819	2.819	64.0	ug/l	326398	1	5.550	255014	50.0
Pentane, 3-methyl-	3.093	173.1	ug/l	882890	1	5.550	255014	50.0
Pentane, 2,4-di...	4.203	55.9	ug/l	285044	1	5.550	255014	50.0
Cyclopentane, m...	4.294	88.0	ug/l	448939	1	5.550	255014	50.0
Pentane, 2,3-di...	5.611	101.0	ug/l	515067	1	5.550	255014	50.0
Butane, 2,2,3,3...	6.245	186.8	ug/l	1329370	2	6.757	355920	50.0
Pentane, 2,3,4-...	7.982	119.2	ug/l	848767	2	6.757	355920	50.0
Pentane, 2,3,3-...	8.104	196.3	ug/l	1397630	2	6.757	355920	50.0
Benzene, 1-ethe...	12.244	216.8	ug/l	1718190	4	12.018	396296	50.0
Benzene, 4-ethy...	12.610	42.7	ug/l	338253	4	12.018	396296	50.0
Benzene, (2-met...	12.695	68.8	ug/l	544918	4	12.018	396296	50.0
Benzene, 1,2,3,...	12.921	74.9	ug/l	593776	4	12.018	396296	50.0
1-Phenyl-1-butene	13.286	57.3	ug/l	454194	4	12.018	396296	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046193.D
Acq On : 14 May 2025 14:45
Operator : JC/MD
Sample : Q2018-04DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2DL

Quant Time: May 15 01:23:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

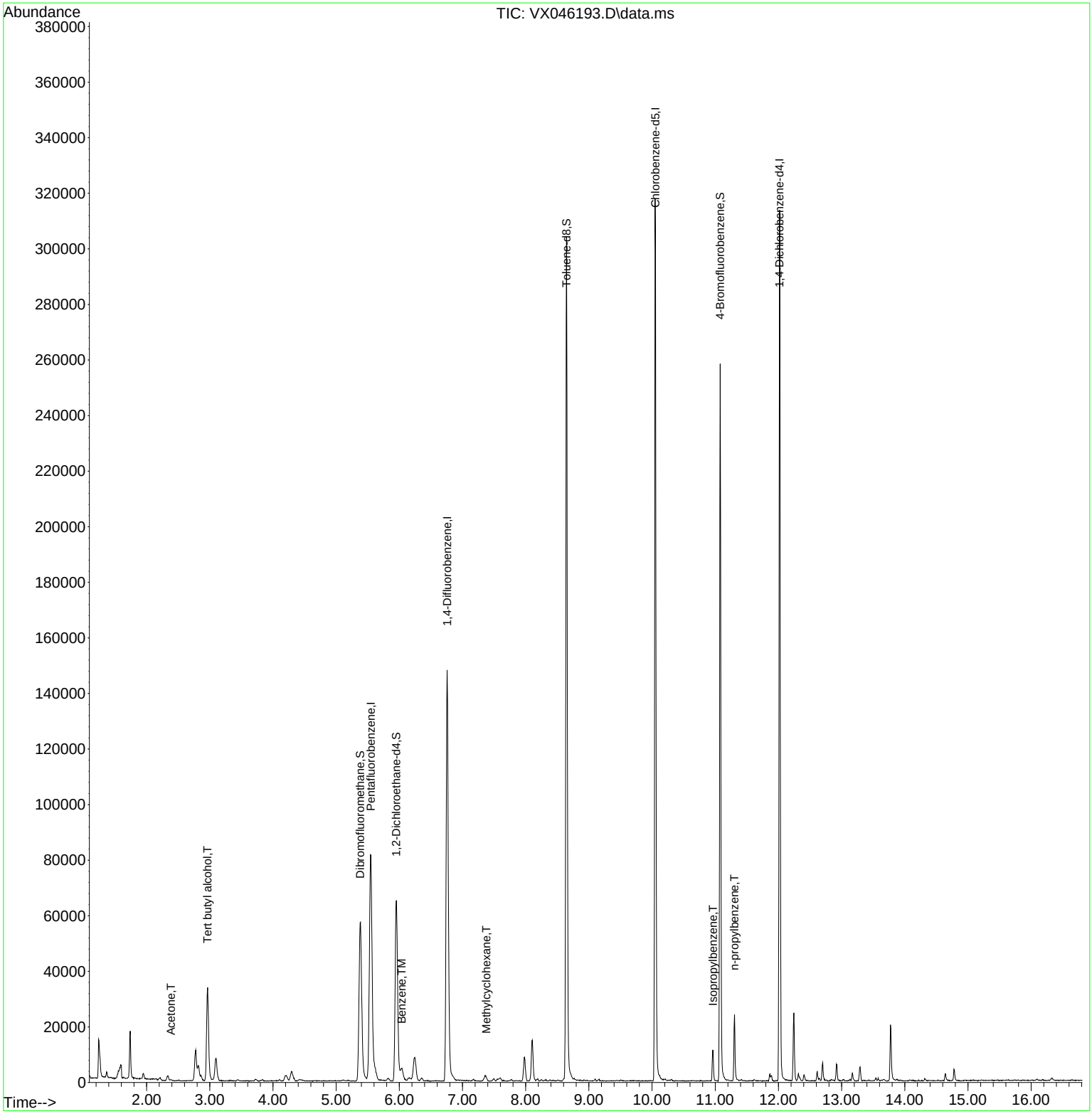
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	71196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139917	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68079	51.291	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.580%			
35) Dibromofluoromethane	5.379	113	50731	50.351	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.647	98	176120	50.504	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.000%			
62) 4-Bromofluorobenzene	11.079	95	68773	51.413	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.820%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	34055	182.781	ug/l	98
16) Acetone	2.386	43	449	0.844	ug/l	97
39) Methylcyclohexane	7.379	83	480	0.275	ug/l #	81
40) Benzene	6.037	78	5105	1.287	ug/l #	89
73) Isopropylbenzene	10.963	105	6043	1.316	ug/l	97
78) n-propylbenzene	11.305	91	15400	2.883	ug/l	99

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

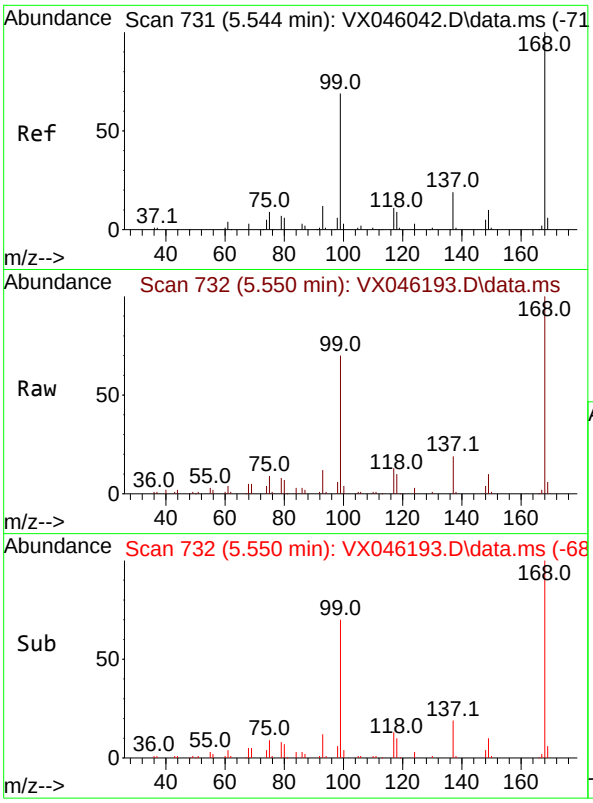
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046193.D
Acq On : 14 May 2025 14:45
Operator : JC/MD
Sample : Q2018-04DL 40X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2DL

Quant Time: May 15 01:23:33 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



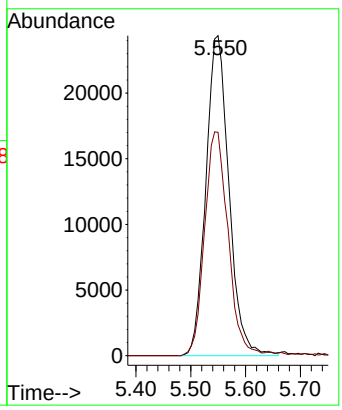
Instrument :
MSVOA_X
ClientSampleId :
MW2DL

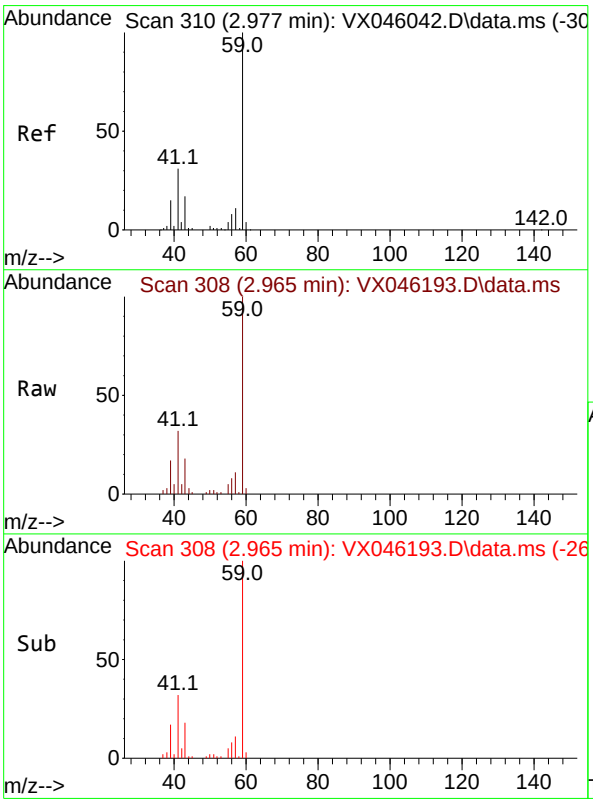


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion:168 Resp: 71196

Ion	Ratio	Lower	Upper
168	100		
99	69.8	54.9	82.3

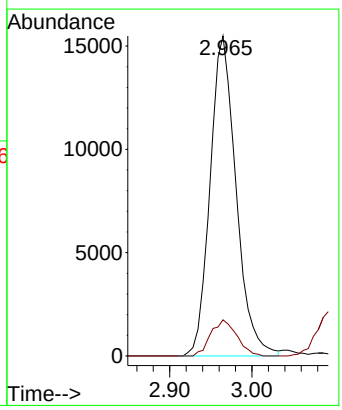




#11
Tert butyl alcohol
Concen: 182.781 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

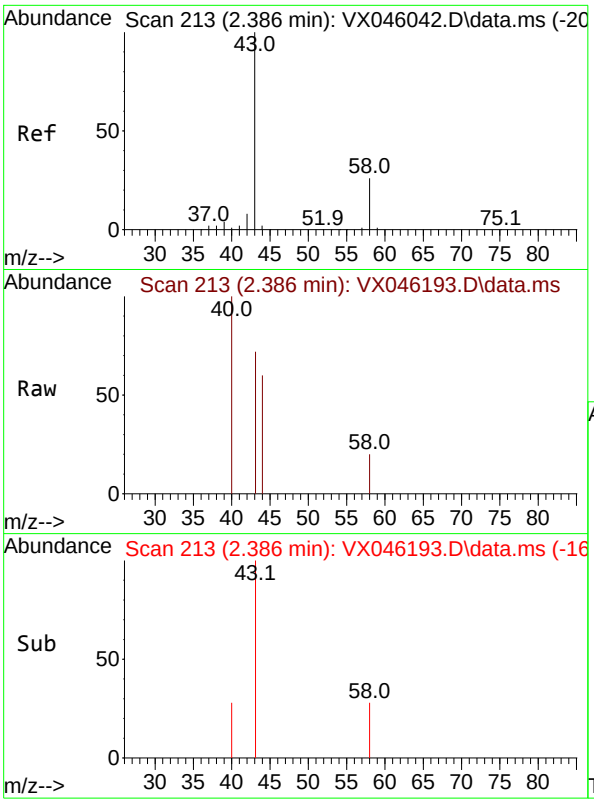
Tgt Ion: 59 Resp: 34055

Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.6	12.8



5

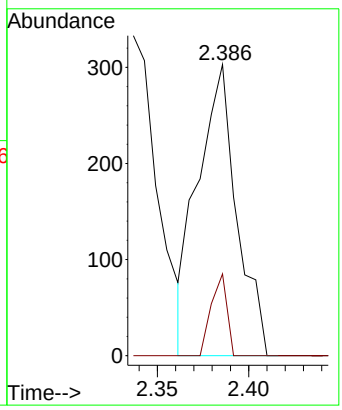
Instrument :
MSVOA_X
ClientSampleId :
MW2DL

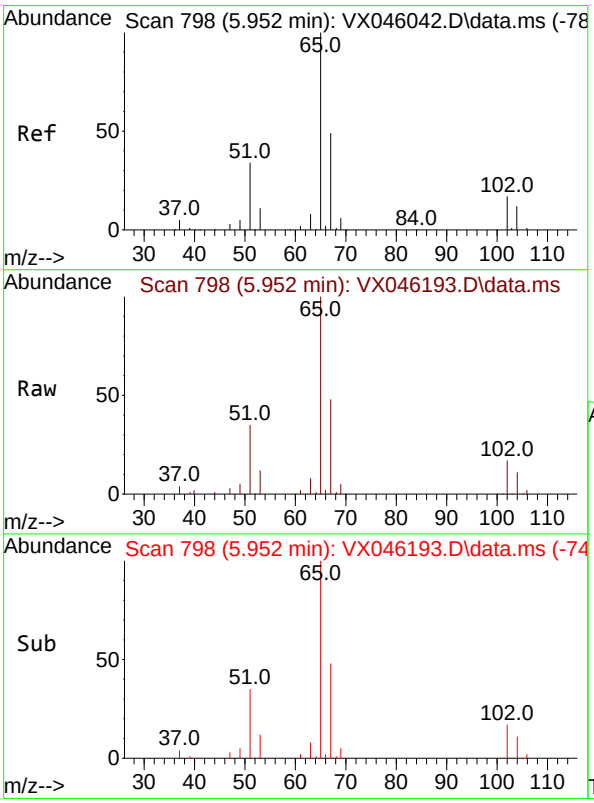


#16
Acetone
Concen: 0.844 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion: 43 Resp: 449

Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.2	31.8

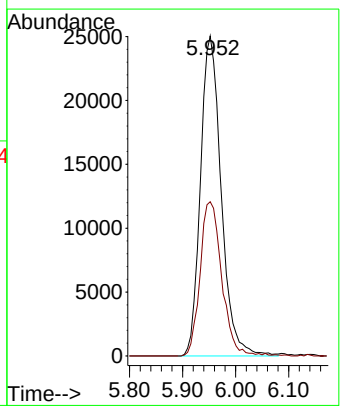


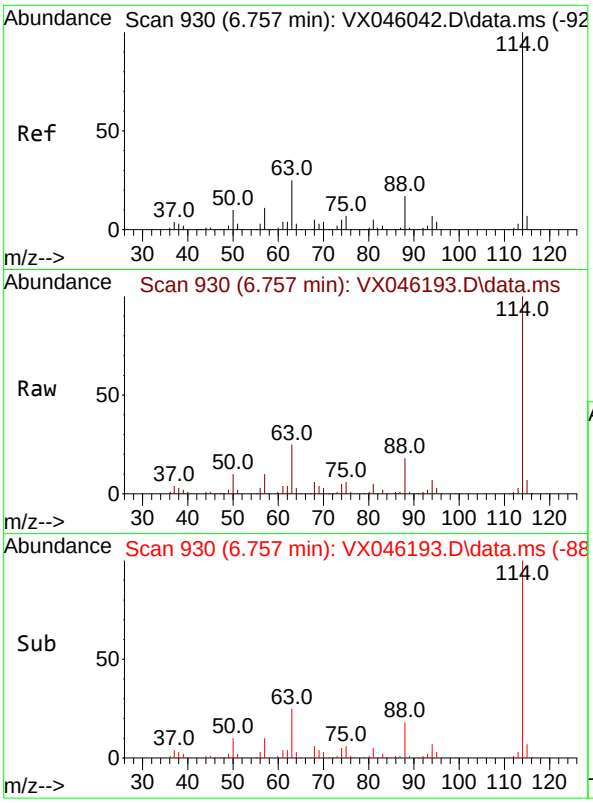


#33
1,2-Dichloroethane-d4
Concen: 51.291 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion: 65 Resp: 68079

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	99.0



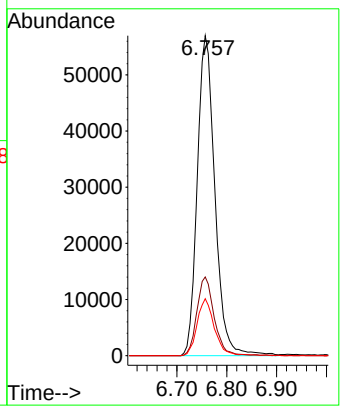


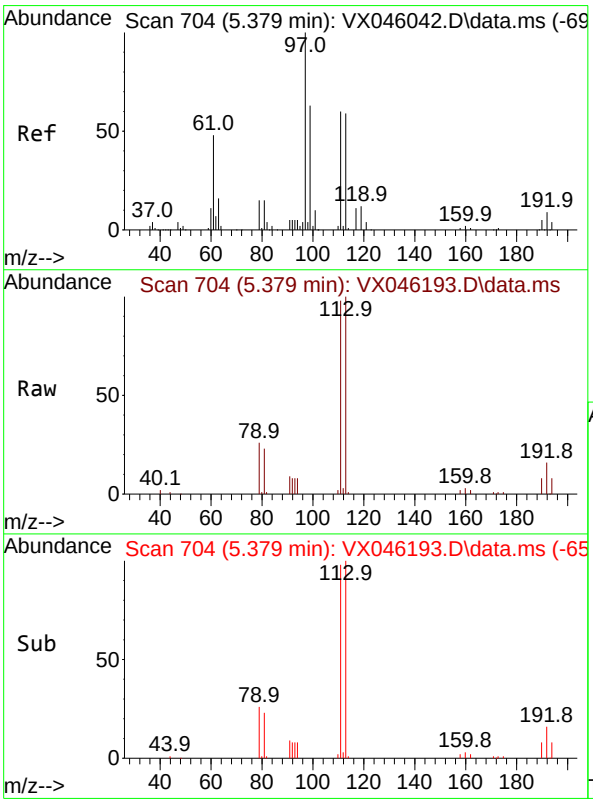
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
MW2DL

Tgt Ion:114 Resp: 139917

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.2
88	17.8	0.0	33.6

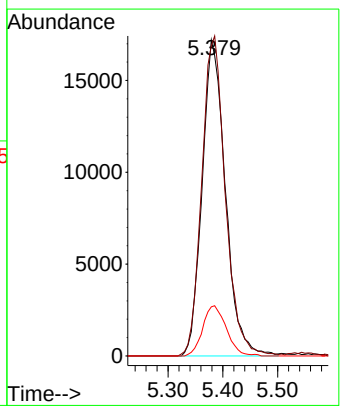


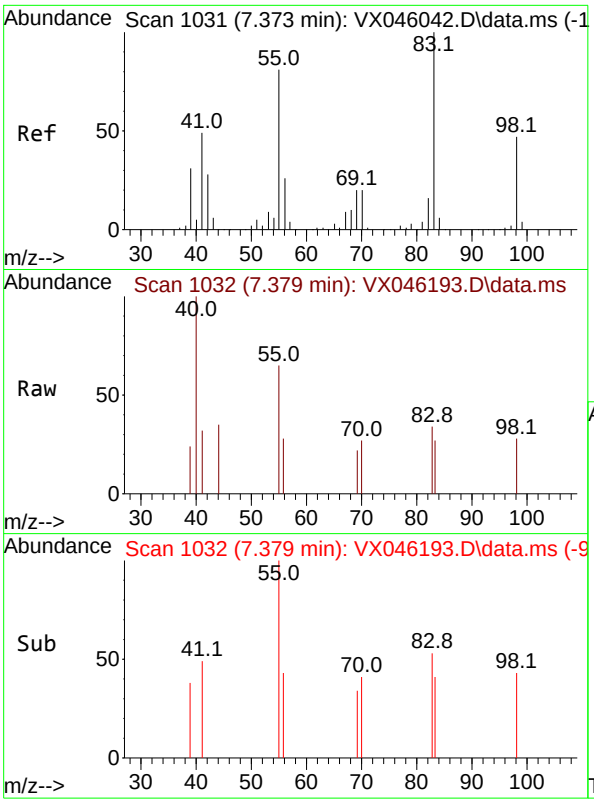


#35
Dibromofluoromethane
Concen: 50.351 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion:113 Resp: 50731

Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.1	124.7
192	16.1	13.3	19.9



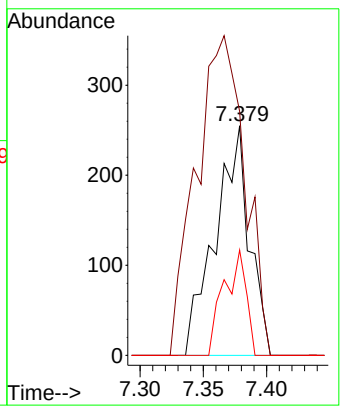


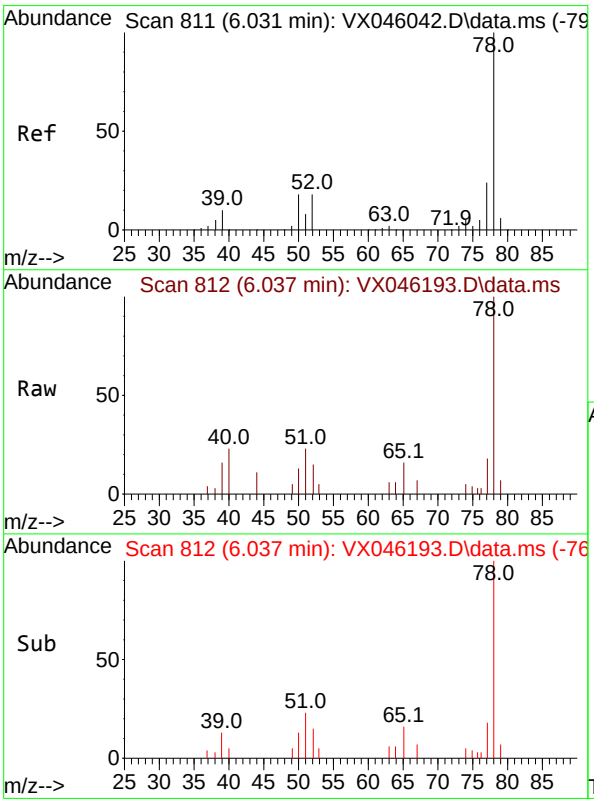
#39
Methylcyclohexane
Concen: 0.275 ug/l
RT: 7.379 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
MW2DL

Tgt Ion: 83 Resp: 480

Ion	Ratio	Lower	Upper
83	100		
55	106.3	64.7	97.1#
98	45.9	37.4	56.2

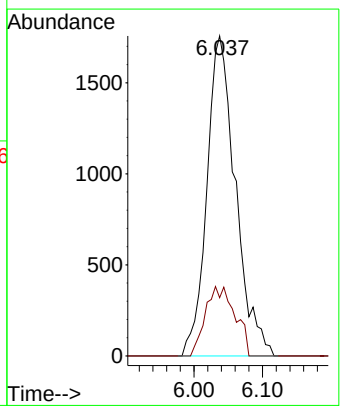


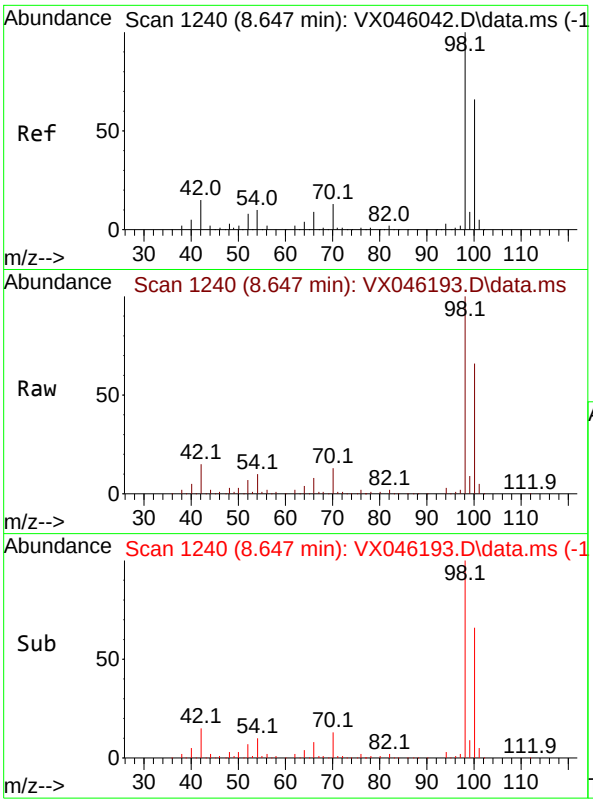


#40
Benzene
Concen: 1.287 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion: 78 Resp: 5105

Ion	Ratio	Lower	Upper
78	100		
77	18.2	19.0	28.4#



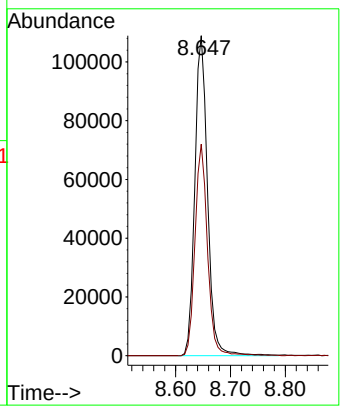


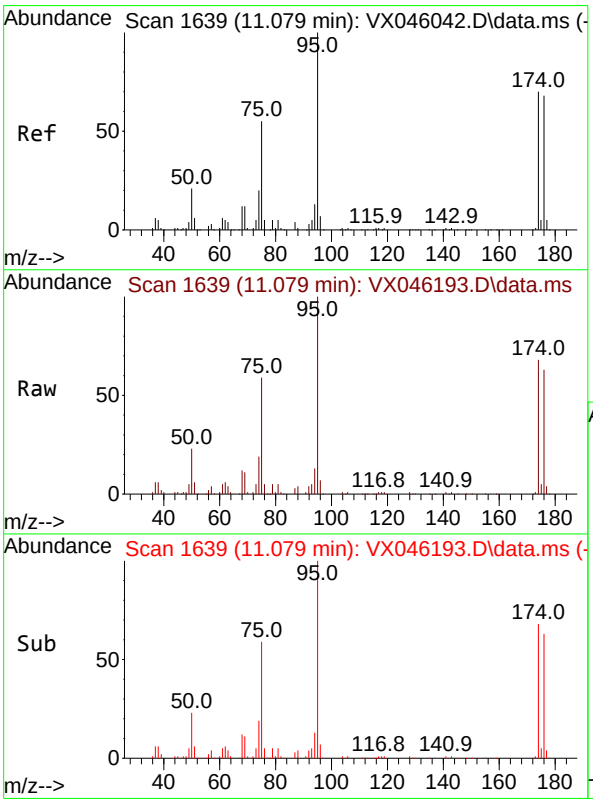
#50
Toluene-d8
Concen: 50.504 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
MW2DL

Tgt Ion: 98 Resp: 176120

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.5	80.3

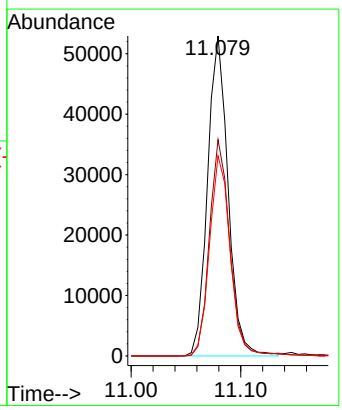


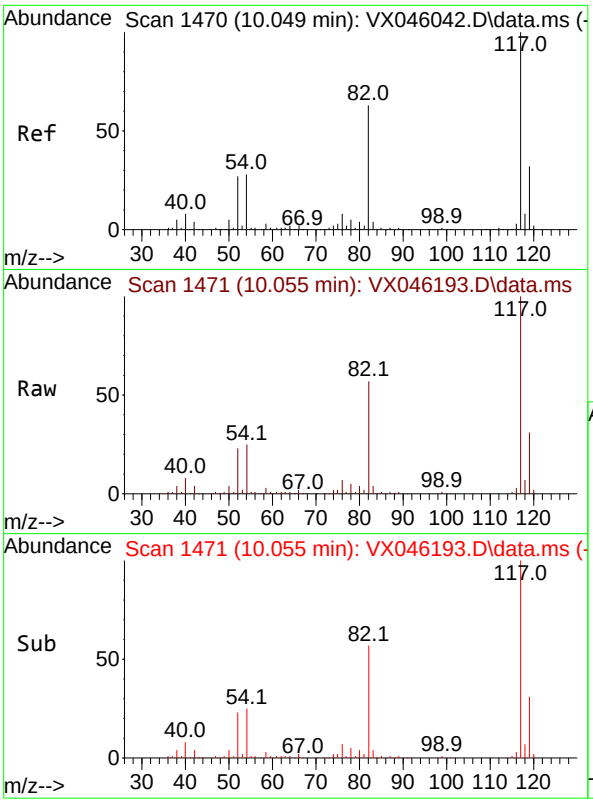


#62
4-Bromofluorobenzene
Concen: 51.413 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion: 95 Resp: 68773

Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	135.8
176	63.5	0.0	131.4



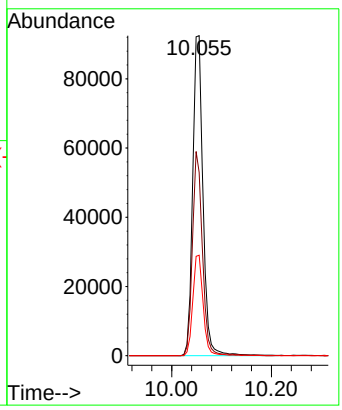


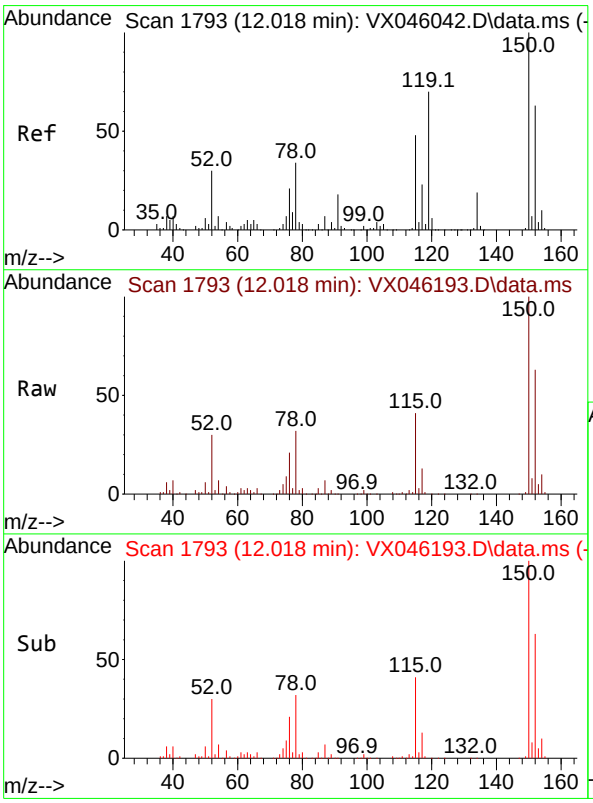
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Instrument :
MSVOA_X
ClientSampleId :
MW2DL

Tgt Ion:117 Resp: 132344

Ion	Ratio	Lower	Upper
117	100		
82	57.3	50.6	76.0
119	31.4	25.8	38.6

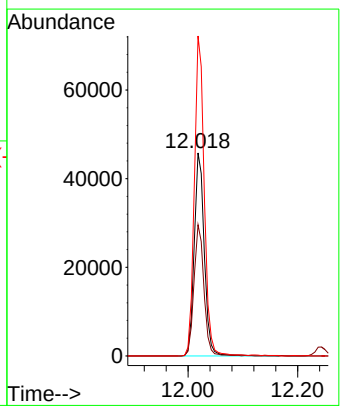




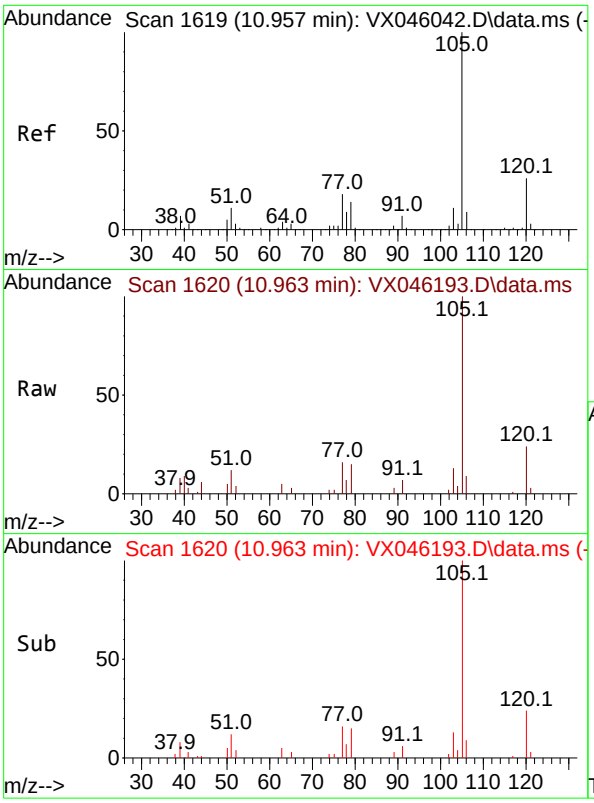
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion:152 Resp: 59001

Ion	Ratio	Lower	Upper
152	100		
115	64.0	46.9	140.7
150	154.6	0.0	351.0



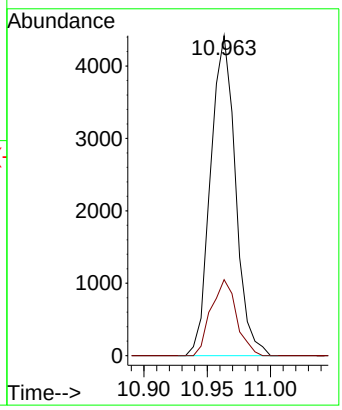
Instrument :
MSVOA_X
ClientSampleId :
MW2DL

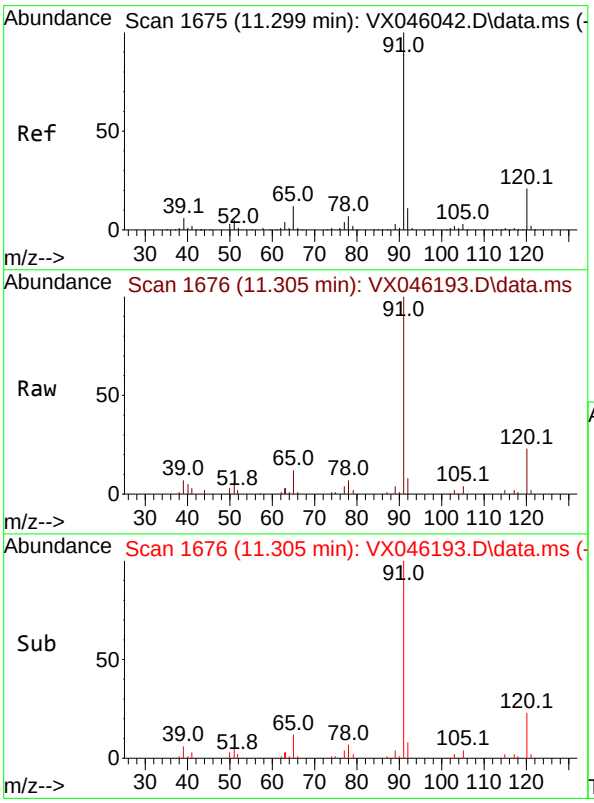


#73
Isopropylbenzene
Concen: 1.316 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion:105 Resp: 6043

Ion	Ratio	Lower	Upper
105	100		
120	24.2	12.8	38.4

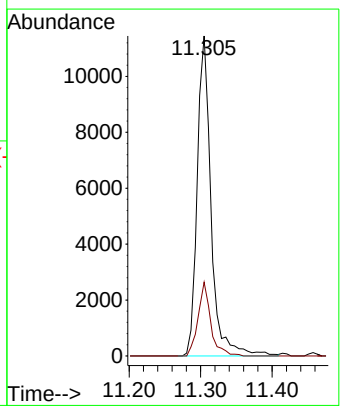




#78
n-propylbenzene
Concen: 2.883 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046193.D
Acq: 14 May 2025 14:45

Tgt Ion: 91 Resp: 15400

Ion	Ratio	Lower	Upper
91	100		
120	21.2	10.8	32.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Time: May 14 01:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

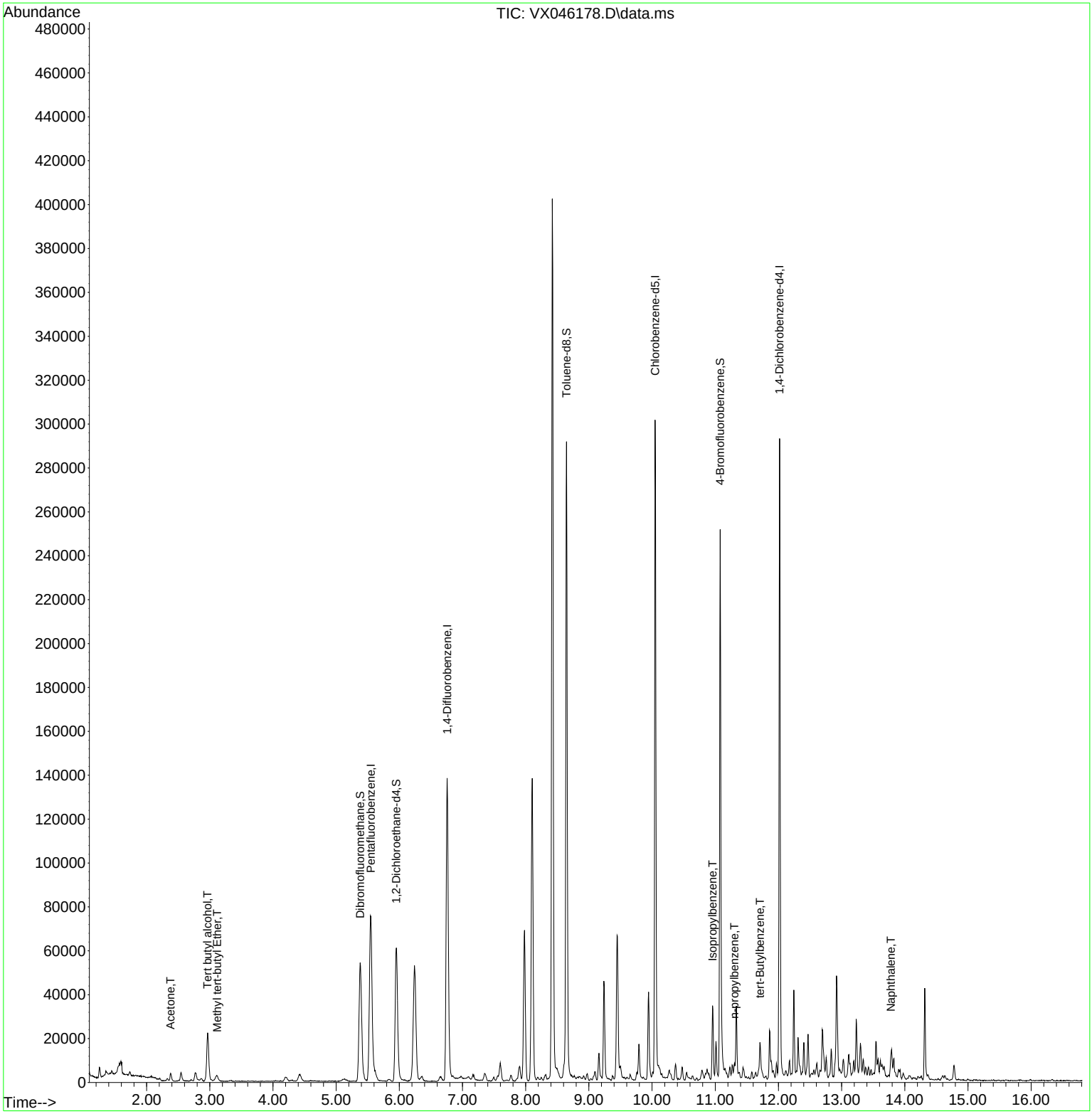
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	66235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131355	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64423	52.171	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.340%			
35) Dibromofluoromethane	5.379	113	47187	49.886	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.780%			
50) Toluene-d8	8.647	98	166658	50.906	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	67085	53.420	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.840%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.965	59	23539	135.802	ug/l	100
16) Acetone	2.380	43	4109	8.299	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	2047	0.743	ug/l #	65
73) Isopropylbenzene	10.957	105	14714	3.527	ug/l	98
78) n-propylbenzene	11.305	91	3075	0.634	ug/l	96
83) tert-Butylbenzene	11.707	119	4505	1.283	ug/l	79
95) Naphthalene	13.780	128	5521	1.478	ug/l #	93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

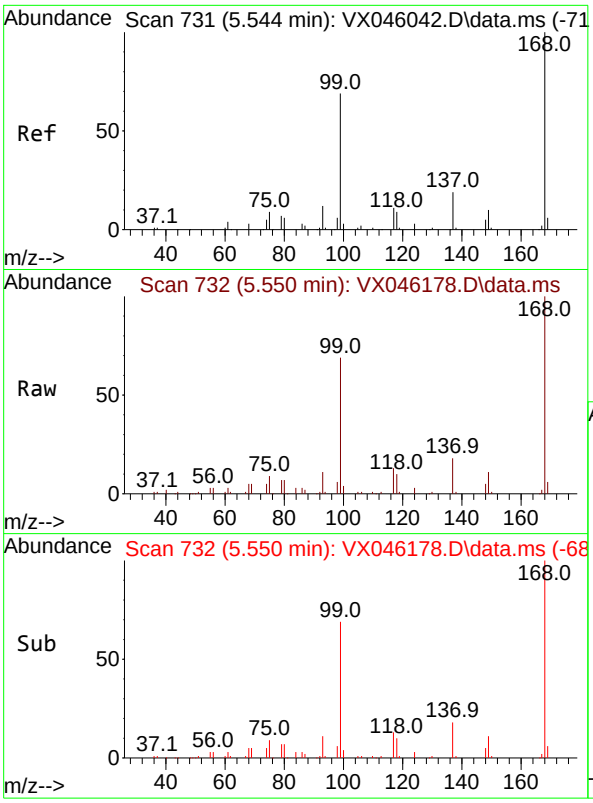
Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Time: May 14 01:47:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



5

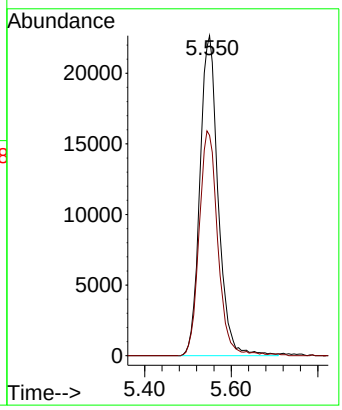
Instrument :
MSVOA_X
ClientSampleId :
MW3

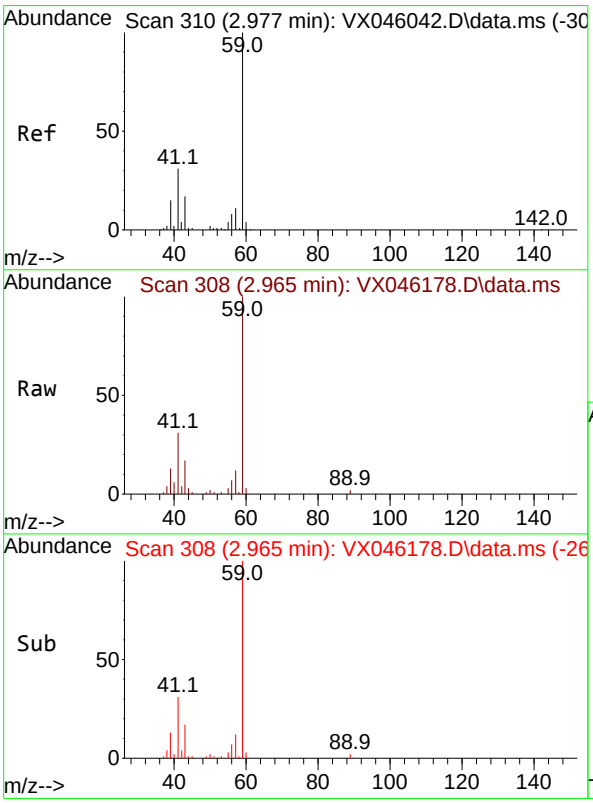


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion:168 Resp: 66235

Ion	Ratio	Lower	Upper
168	100		
99	68.8	54.9	82.3

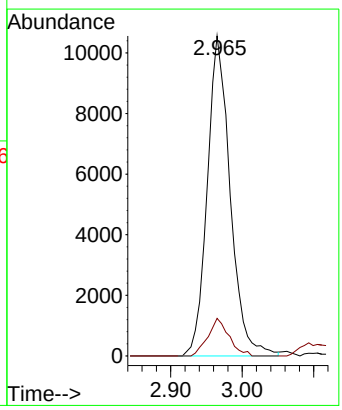




#11
Tert butyl alcohol
Concen: 135.802 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

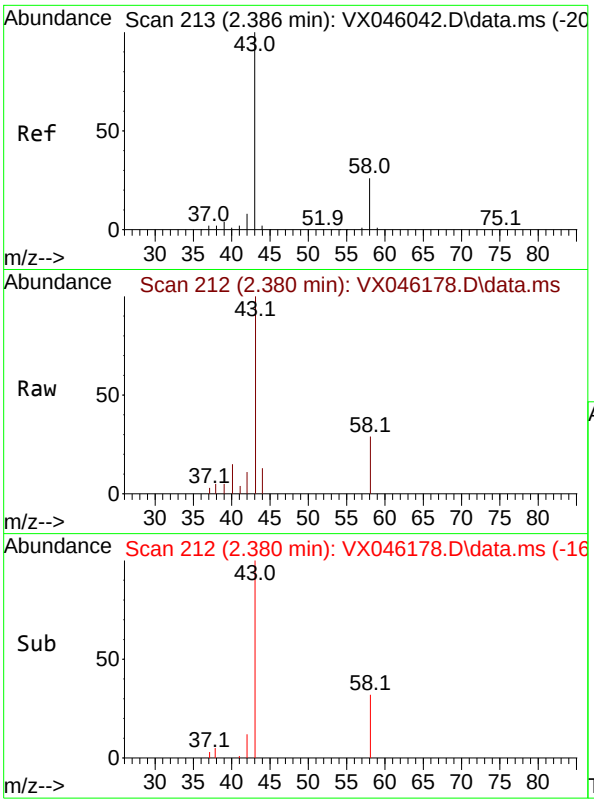
Tgt Ion: 59 Resp: 23539

Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.6	12.8



5

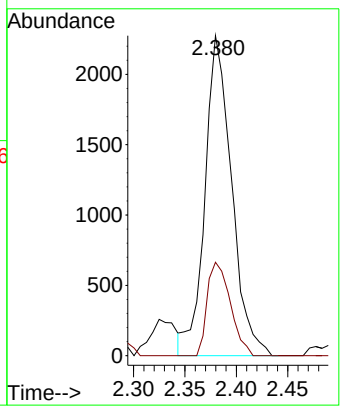
Instrument :
MSVOA_X
ClientSampleId :
MW3

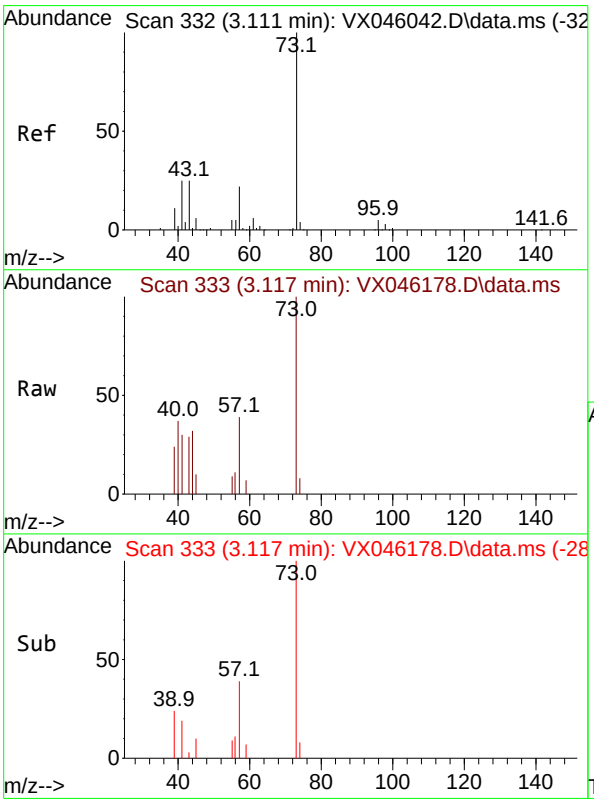


#16
Acetone
Concen: 8.299 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion: 43 Resp: 4109

Ion	Ratio	Lower	Upper
43	100		
58	29.2	21.2	31.8

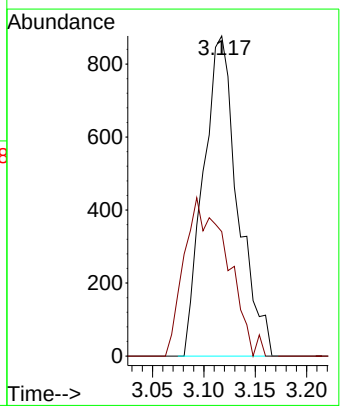


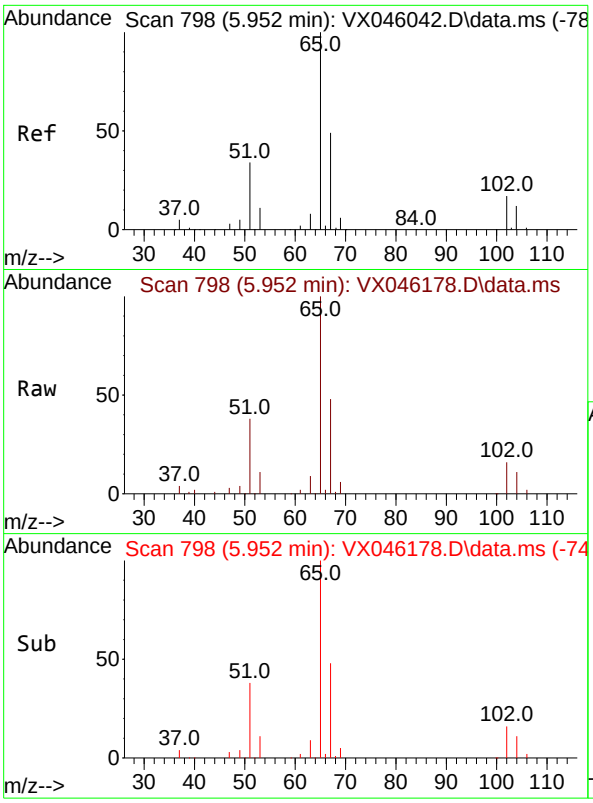


#19
Methyl tert-butyl Ether
Concen: 0.743 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion: 73 Resp: 2047

Ion	Ratio	Lower	Upper
73	100		
57	38.9	17.7	26.5#



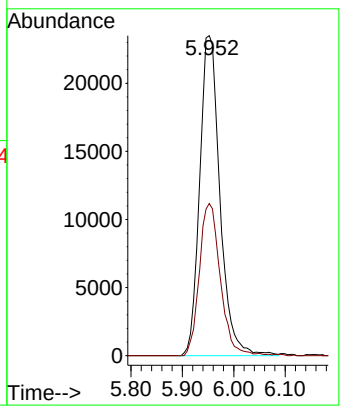


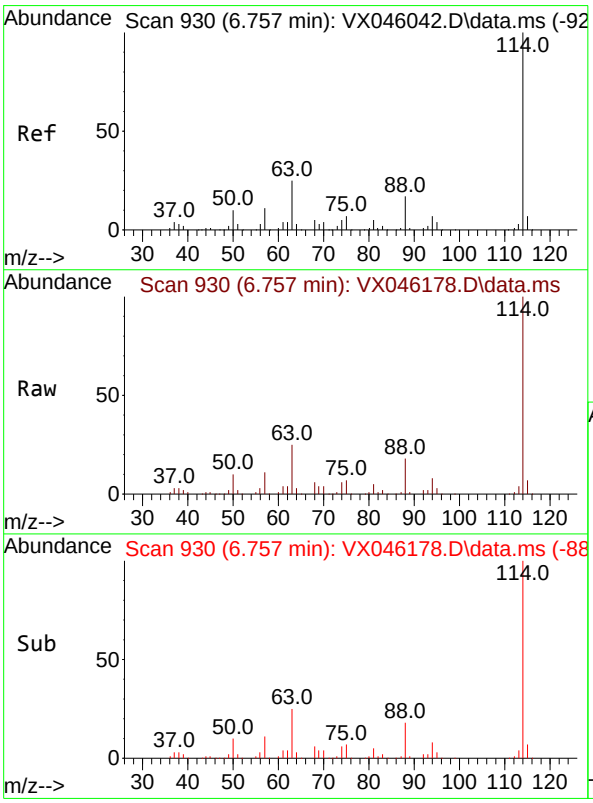
#33
1,2-Dichloroethane-d4
Concen: 52.171 ug/l
RT: 5.952 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion: 65 Resp: 64423

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	99.0

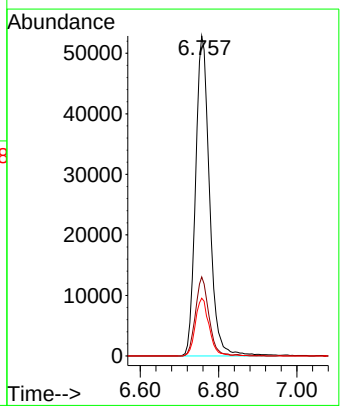


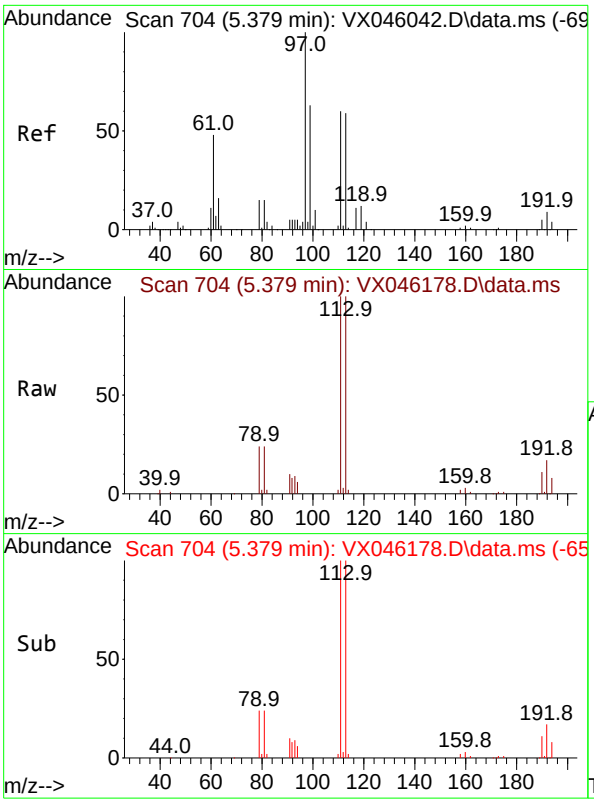


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion:114 Resp: 131355

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	18.0	0.0	33.6



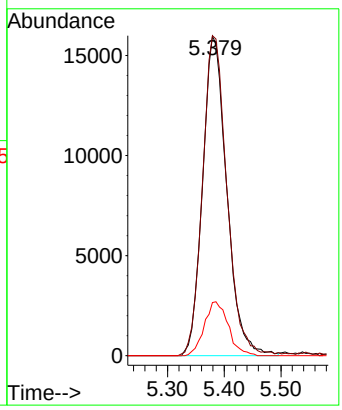


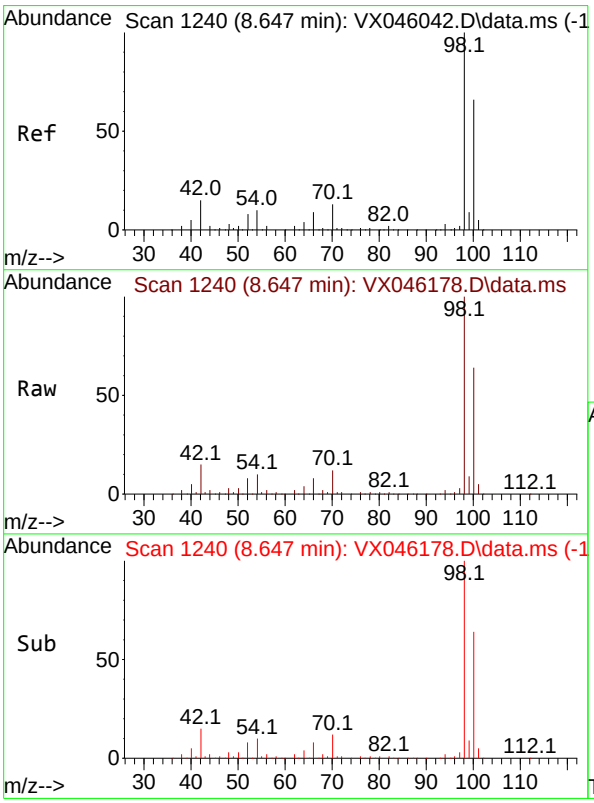
#35
Dibromofluoromethane
Concen: 49.886 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:113 Resp: 47187

Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.1	124.7
192	16.8	13.3	19.9

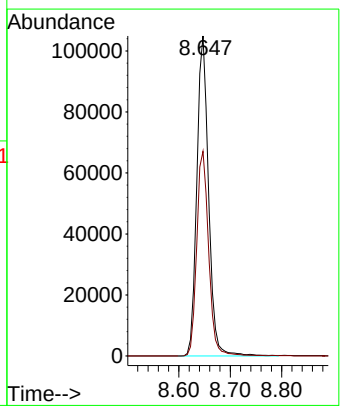


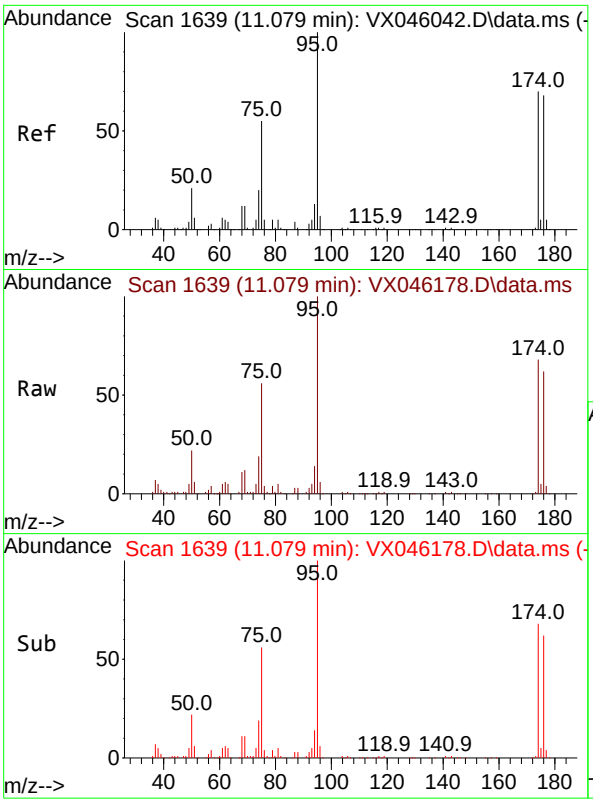


#50
Toluene-d8
Concen: 50.906 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion: 98 Resp: 166658

Ion	Ratio	Lower	Upper
98	100		
100	64.9	53.5	80.3



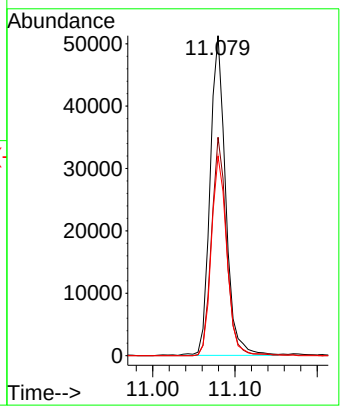


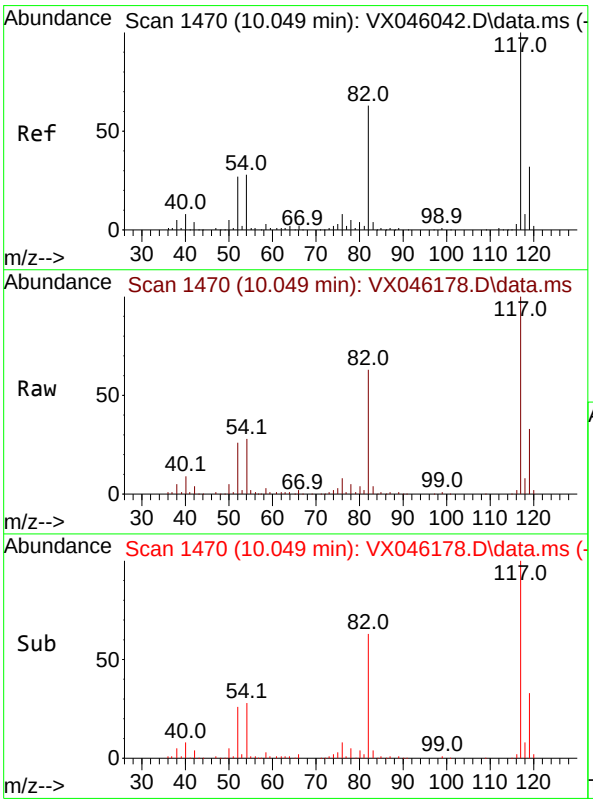
#62
4-Bromofluorobenzene
Concen: 53.420 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion: 95 Resp: 67085

Ion	Ratio	Lower	Upper
95	100		
174	66.4	0.0	135.8
176	62.7	0.0	131.4

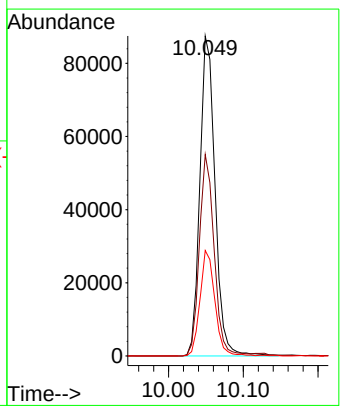


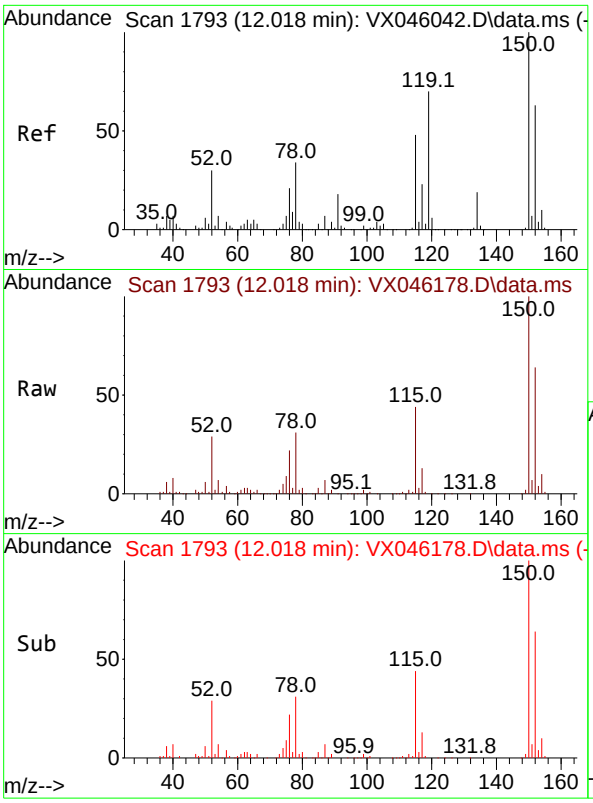


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion:117 Resp: 123435

Ion	Ratio	Lower	Upper
117	100		
82	63.0	50.6	76.0
119	32.9	25.8	38.6



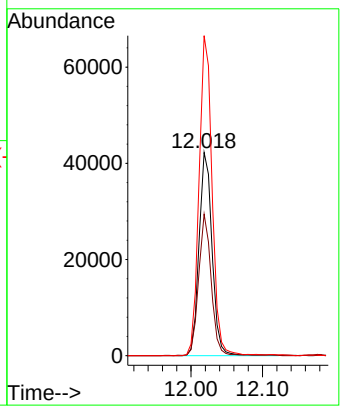


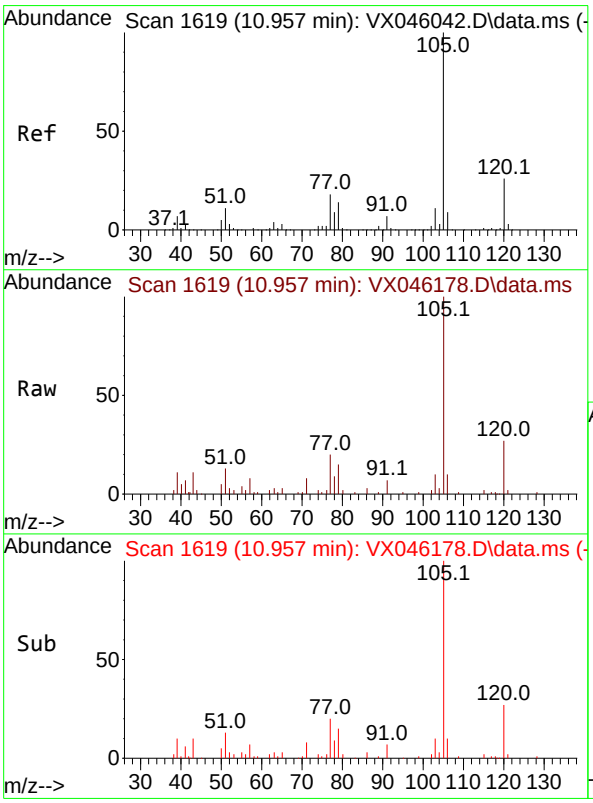
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:152 Resp: 53587

Ion	Ratio	Lower	Upper
152	100		
115	67.2	46.9	140.7
150	157.5	0.0	351.0

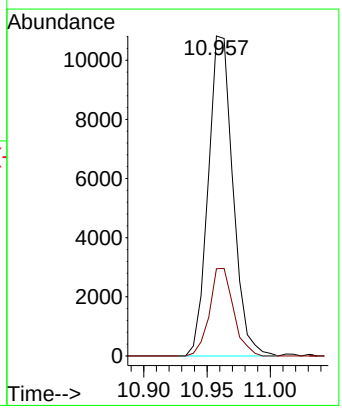


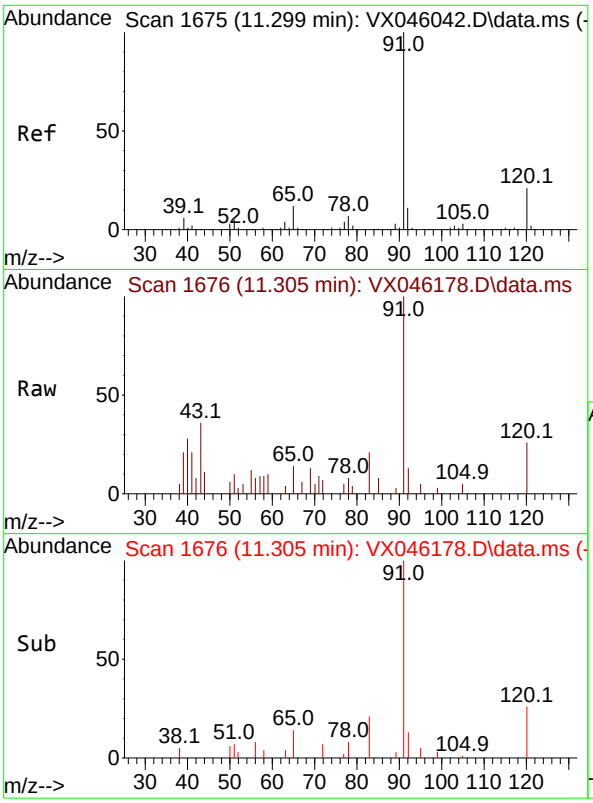


#73
Isopropylbenzene
Concen: 3.527 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion:105 Resp: 14714

Ion	Ratio	Lower	Upper
105	100		
120	26.5	12.8	38.4



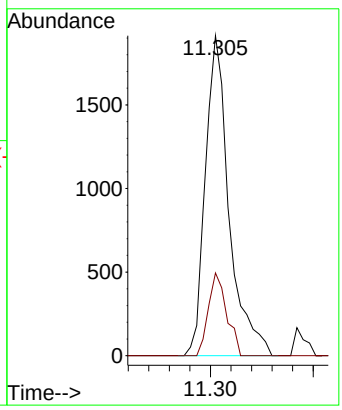


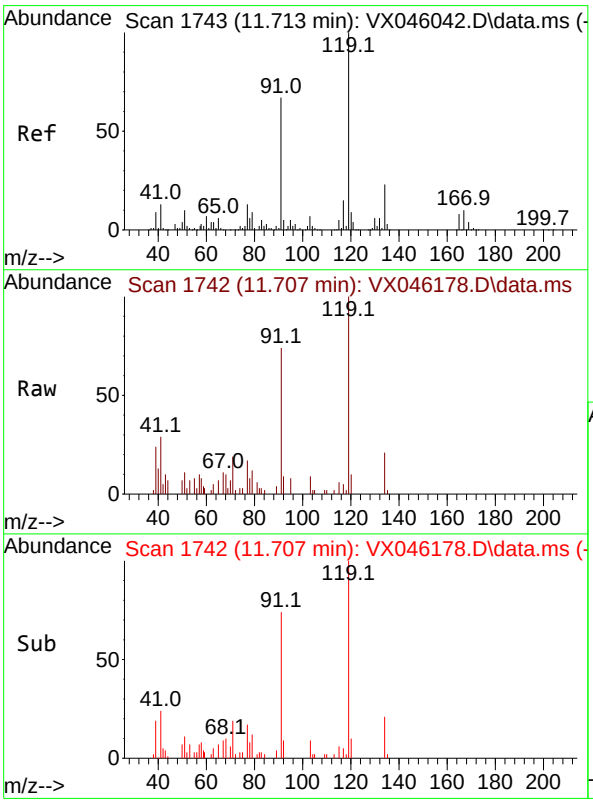
#78
n-propylbenzene
Concen: 0.634 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion: 91 Resp: 3075

Ion	Ratio	Lower	Upper
91	100		
120	19.9	10.8	32.4

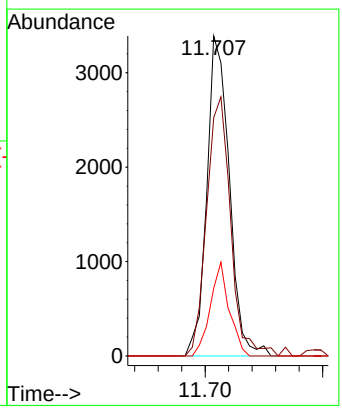


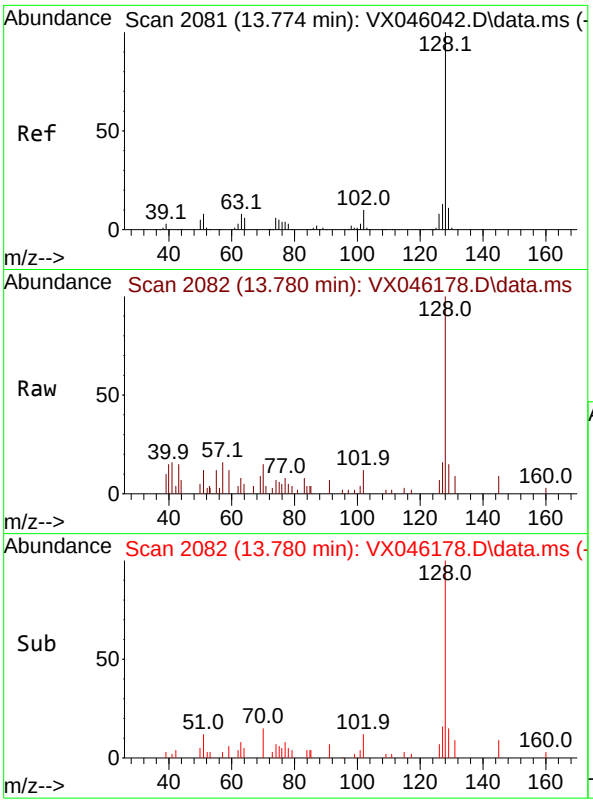


#83
tert-Butylbenzene
Concen: 1.283 ug/l
RT: 11.707 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Tgt Ion:119 Resp: 4505

Ion	Ratio	Lower	Upper
119	100		
91	86.9	32.9	98.7
134	24.6	11.4	34.1



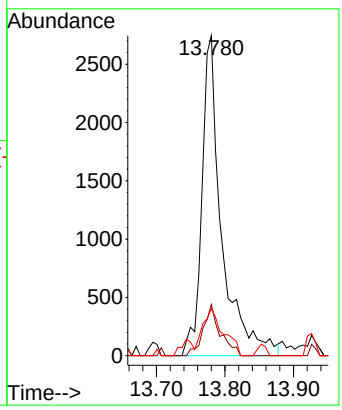


#95
Naphthalene
Concen: 1.478 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046178.D
Acq: 13 May 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
MW3

Tgt Ion:128 Resp: 5521

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.4	15.6
129	15.5	8.6	13.0#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	24	27	32	rBV2	4810	6915	1.01%	0.140%
2	2.770	270	276	283	rBV4	3707	8394	1.22%	0.170%
3	2.965	298	308	316	rBV2	22101	50446	7.36%	1.022%
4	3.111	325	332	344	rVB6	2717	8330	1.22%	0.169%
5	5.379	694	704	720	rBV2	54020	158604	23.14%	3.214%
6	5.544	722	731	752	rVV	75102	229155	33.44%	4.643%
7	5.952	789	798	812	rBV2	60808	165930	24.21%	3.362%
8	6.239	832	845	858	rBV2	52479	156870	22.89%	3.178%
9	6.757	921	930	943	rBV	137731	331523	48.38%	6.717%
10	7.348	1021	1027	1035	rVB5	3296	7723	1.13%	0.156%
11	7.598	1063	1068	1078	rVB	8328	17326	2.53%	0.351%
12	7.903	1113	1118	1123	rVV2	5588	10769	1.57%	0.218%
13	7.982	1123	1131	1140	rVB	68685	136772	19.96%	2.771%
14	8.104	1140	1151	1161	rBV	137931	274973	40.12%	5.571%
15	8.421	1193	1203	1211	rBV	400968	685307	100.00%	13.885%
16	8.647	1229	1240	1251	rBV	289672	474457	69.23%	9.613%
17	9.098	1306	1314	1319	rVB5	3835	7975	1.16%	0.162%
18	9.159	1319	1324	1329	rBV	12250	19283	2.81%	0.391%
19	9.238	1332	1337	1346	rVB	44478	70550	10.29%	1.429%
20	9.446	1363	1371	1378	rBV3	65474	127309	18.58%	2.579%
21	9.793	1424	1428	1437	rVB	15869	24349	3.55%	0.493%
22	9.945	1447	1453	1460	rBV	39806	61664	9.00%	1.249%
23	10.049	1465	1470	1478	rBV	297698	408295	59.58%	8.273%
24	10.275	1502	1507	1518	rVB9	4482	11279	1.65%	0.229%
25	10.372	1518	1523	1529	rBV2	7136	11745	1.71%	0.238%
26	10.476	1533	1540	1546	rVB2	5958	10198	1.49%	0.207%
27	10.793	1586	1592	1597	rBV7	4255	8745	1.28%	0.177%
28	10.872	1602	1605	1614	rVB7	4577	10175	1.48%	0.206%
29	10.957	1614	1619	1624	rBV	33637	47375	6.91%	0.960%
30	11.012	1624	1628	1634	rVB	15900	20766	3.03%	0.421%
31	11.079	1634	1639	1648	rBV	249081	341276	49.80%	6.915%
32	11.232	1659	1664	1667	rBV3	4751	7069	1.03%	0.143%
33	11.335	1677	1681	1686	rVB	30891	38934	5.68%	0.789%
34	11.439	1695	1698	1705	rVB2	4690	7792	1.14%	0.158%
35	11.707	1734	1742	1753	rVB3	16220	33078	4.83%	0.670%
36	11.860	1761	1767	1770	rBV	22419	30873	4.50%	0.626%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

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\82X050525W.M
Title : SW846 8260

37	11.969	1781	1785	1788	rBV2	6459	8778	1.28%	0.178%
38	12.018	1788	1793	1804	rVB	290322	367292	53.60%	7.442%
39	12.177	1814	1819	1822	rBV	6951	8853	1.29%	0.179%
40	12.244	1825	1830	1835	rVV	38938	50121	7.31%	1.016%
41	12.311	1838	1841	1849	rVV4	17158	26718	3.90%	0.541%
42	12.402	1853	1856	1861	rVV2	14719	18423	2.69%	0.373%
43	12.469	1861	1867	1872	rVB2	19636	29244	4.27%	0.593%
44	12.610	1885	1890	1894	rVB5	6346	10578	1.54%	0.214%
45	12.695	1900	1904	1911	rVV3	19332	32932	4.81%	0.667%
46	12.756	1911	1914	1919	rVB	9161	11834	1.73%	0.240%
47	12.835	1919	1927	1933	rBV	13043	19586	2.86%	0.397%
48	12.920	1933	1941	1947	rBV2	46166	82274	12.01%	1.667%
49	13.030	1953	1959	1964	rVB3	8187	14443	2.11%	0.293%
50	13.116	1965	1973	1975	rBV5	10373	17543	2.56%	0.355%
51	13.195	1979	1986	1988	rVV3	7210	11262	1.64%	0.228%
52	13.231	1988	1992	1998	rVV2	26008	38223	5.58%	0.774%
53	13.298	1998	2003	2007	rVV3	14876	24807	3.62%	0.503%
54	13.341	2007	2010	2014	rVV3	7481	10352	1.51%	0.210%
55	13.542	2039	2043	2046	rBV2	14735	19714	2.88%	0.399%
56	13.579	2046	2049	2052	rVB2	6113	6998	1.02%	0.142%
57	13.670	2062	2064	2072	rVB5	4819	7343	1.07%	0.149%
58	13.792	2078	2084	2087	rBV3	12307	23131	3.38%	0.469%
59	13.829	2087	2090	2093	rVB2	6476	7467	1.09%	0.151%
60	14.317	2165	2170	2176	rBV	41882	53478	7.80%	1.084%
61	14.780	2240	2246	2252	rVB4	6621	11797	1.72%	0.239%

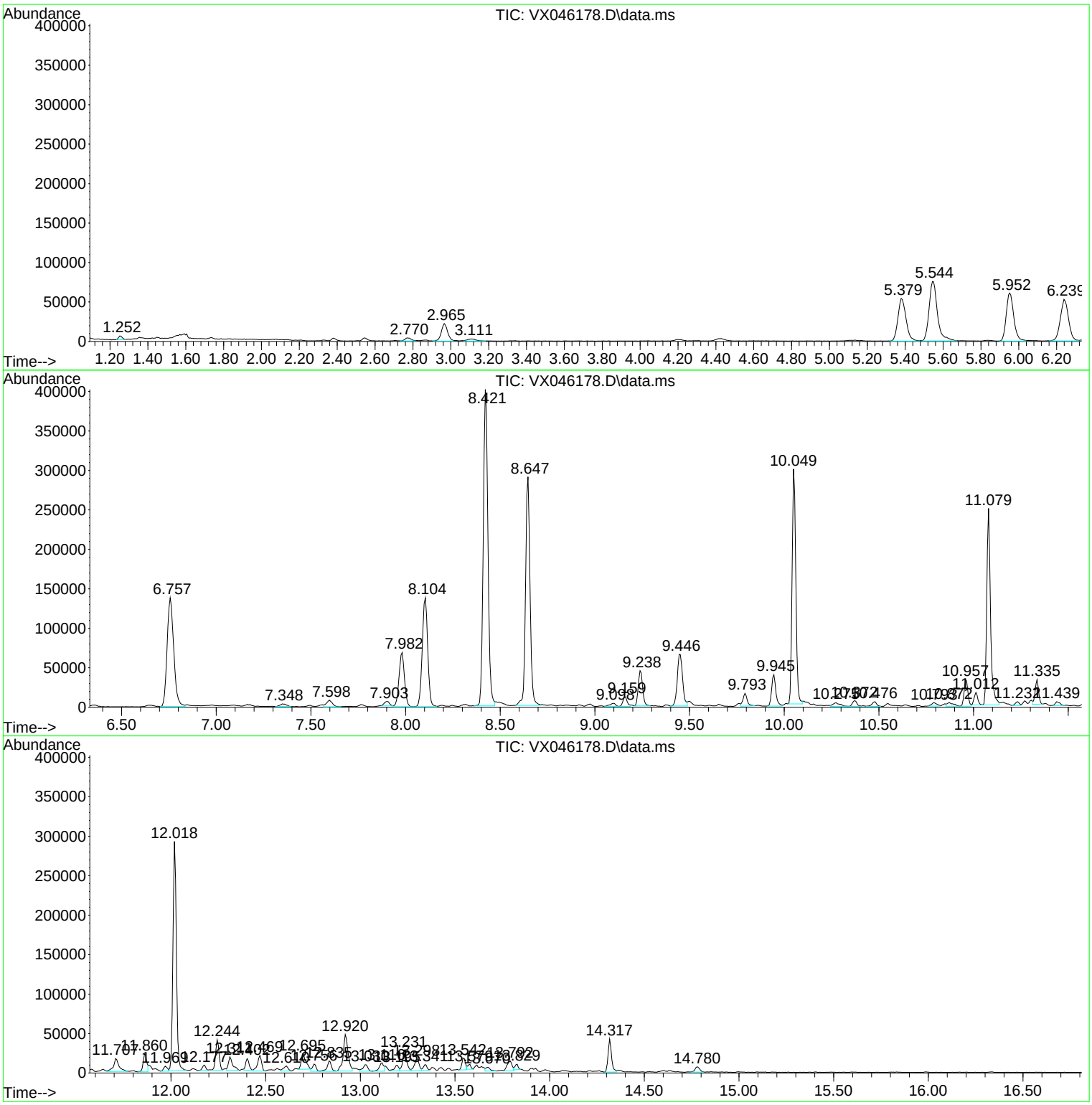
Sum of corrected areas: 4935415

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

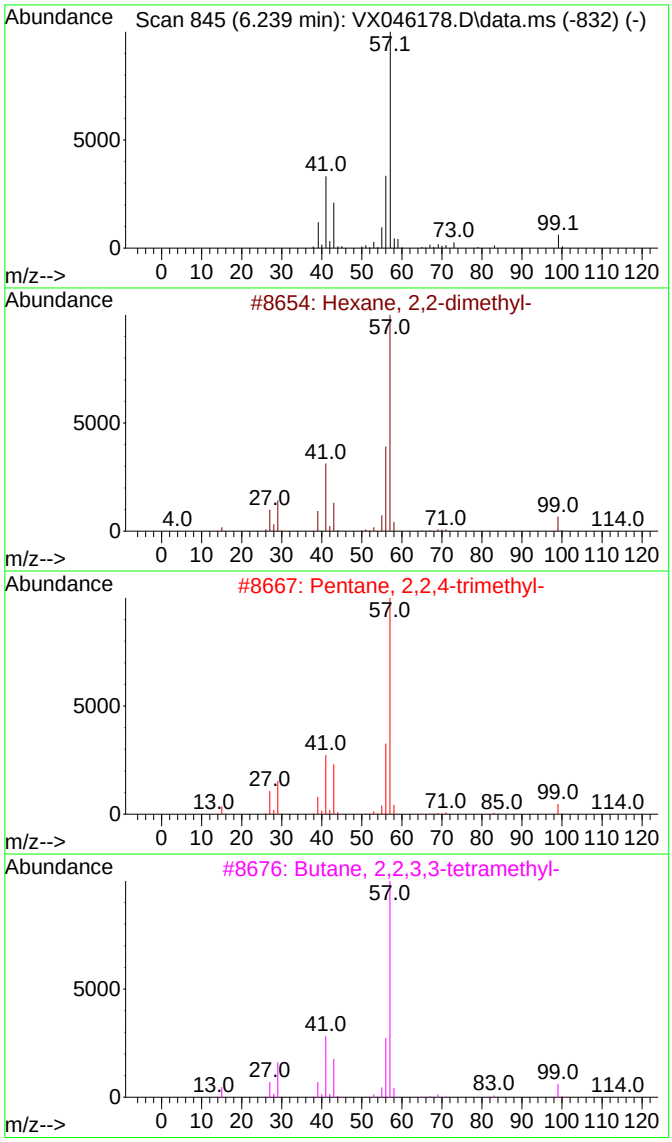
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

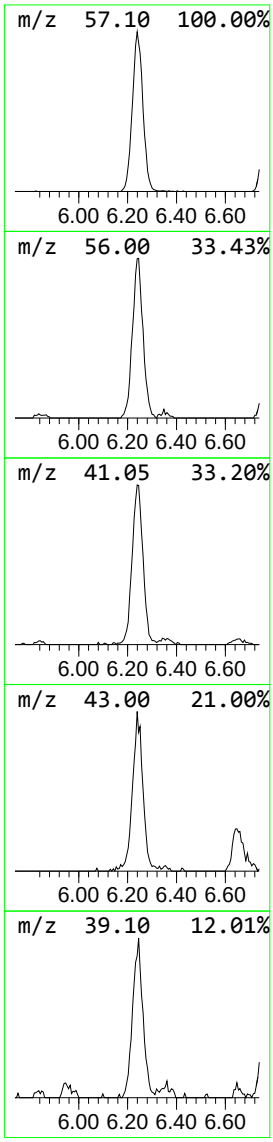
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexane, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.239	23.66 ug/l	156870	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	59
2	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	59
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	59
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	50
5	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

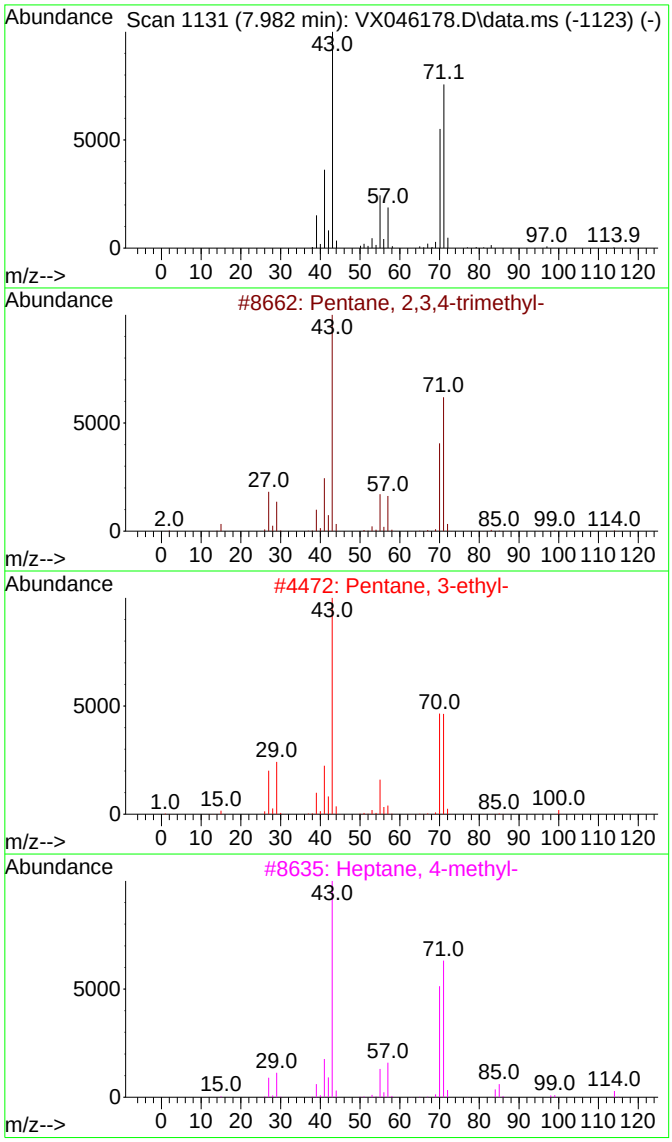
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

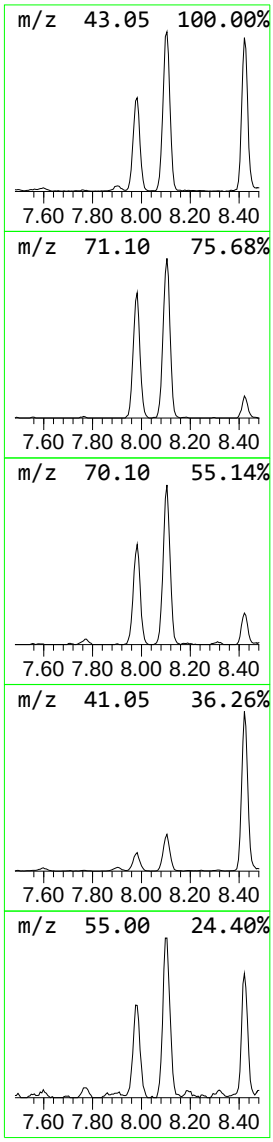
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane, 2,3,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.982	20.63 ug/l	136772	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	83
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	83
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	72
5	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

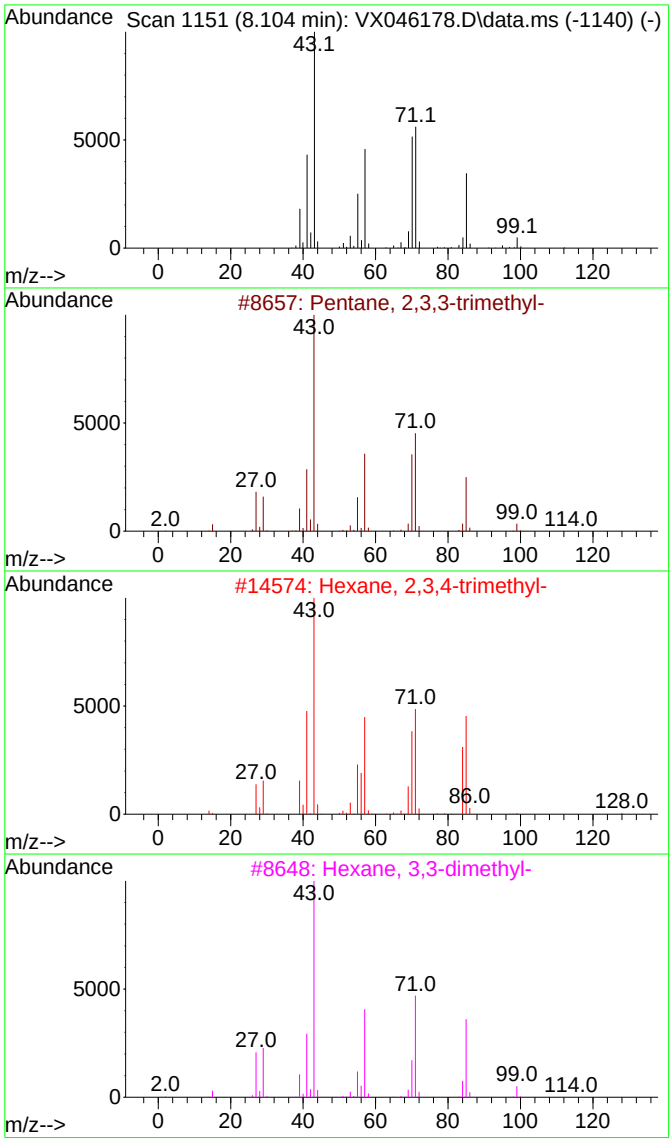
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

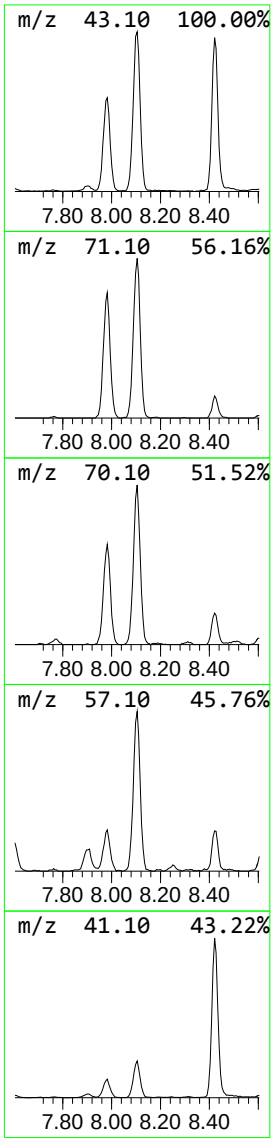
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Pentane, 2,3,3-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.104	41.47 ug/l	274973	1,4-Difluorobenzene	6.757

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	72
2	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	64
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	64
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

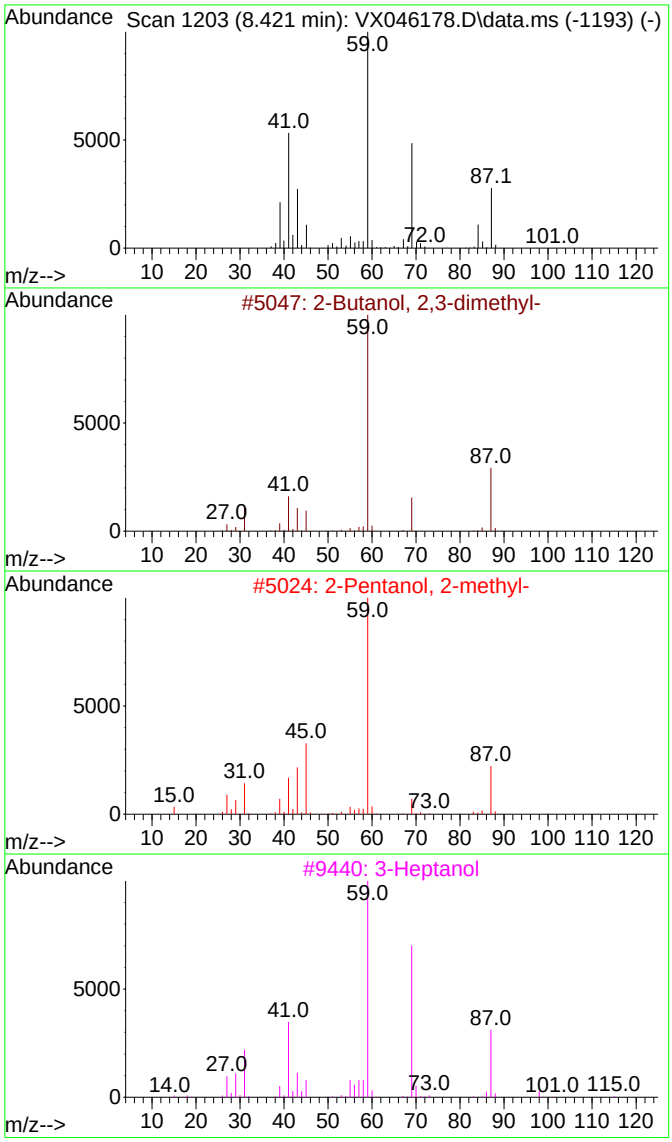
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

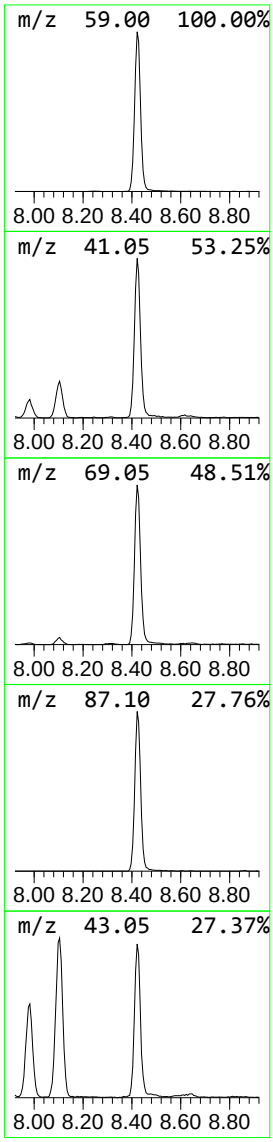
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2-Butanol, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.421	83.92 ug/l	685307	Chlorobenzene-d5	10.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2,3-dimethyl-	102	C6H14O	000594-60-5	72
2	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	59
3	3-Heptanol	116	C7H16O	000589-82-2	56
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	45
5	DL-Lactamide, N,O-dimethyl-	117	C5H11NO2	1000452-56-3	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

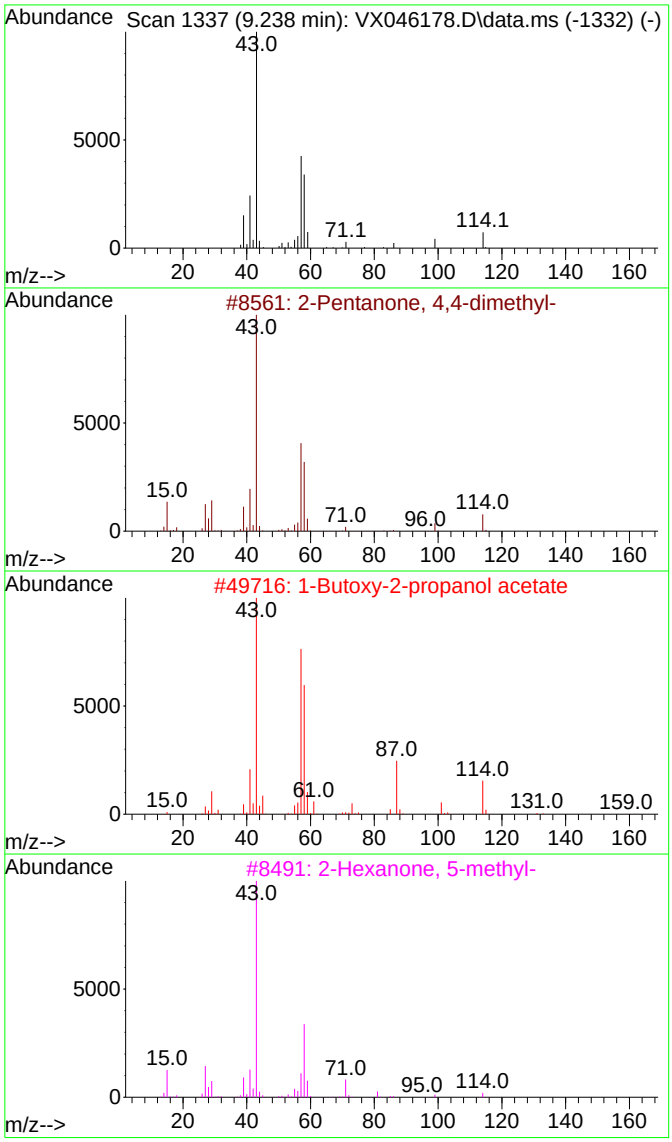
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

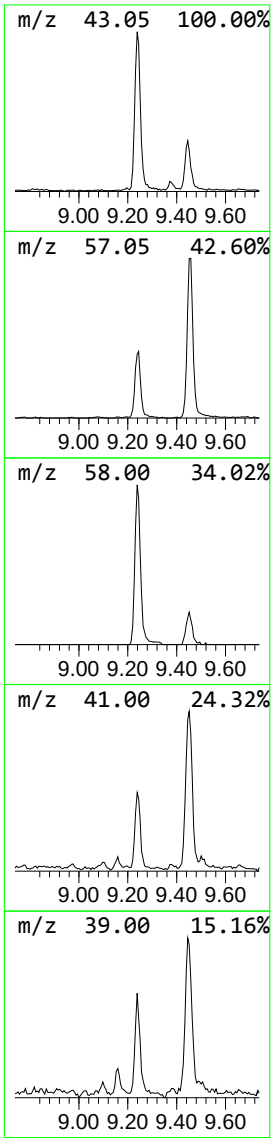
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Pentanone, 4,4-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.238	8.64 ug/l	70550	Chlorobenzene-d5	10.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4,4-dimethyl-	114	C7H14O	000590-50-1	91
2	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	72
3	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	64
4	2-Heptanone	114	C7H14O	000110-43-0	23
5	Butane, 2-(ethenyloxy)-2-methyl-	114	C7H14O	029281-39-8	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

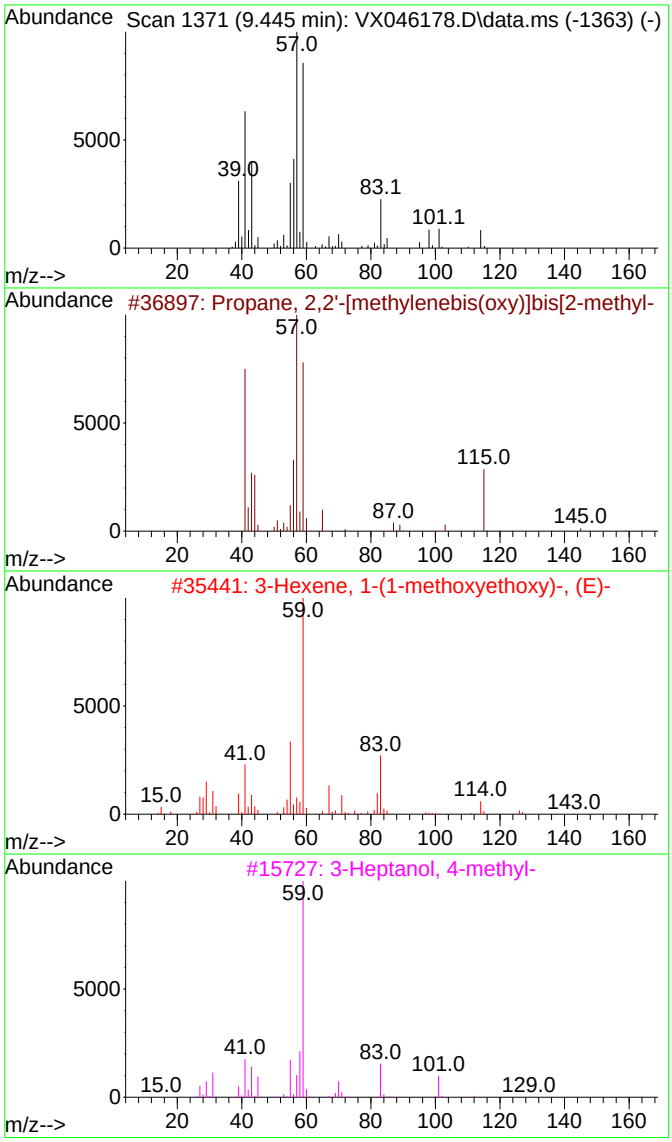
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

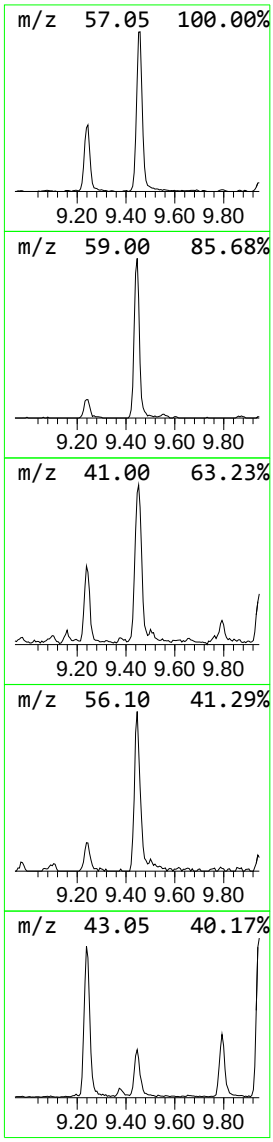
****

Peak Number 6 unknown9.445 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.445	15.59 ug/l	127309	Chlorobenzene-d5	10.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2'-[methylenebis(oxy)...	160	C9H20O2	002568-93-6	40
2	3-Hexene, 1-(1-methoxyethoxy)-, ...	158	C9H18O2	054340-97-5	38
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	37
4	3-Hexanol	102	C6H14O	000623-37-0	35
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

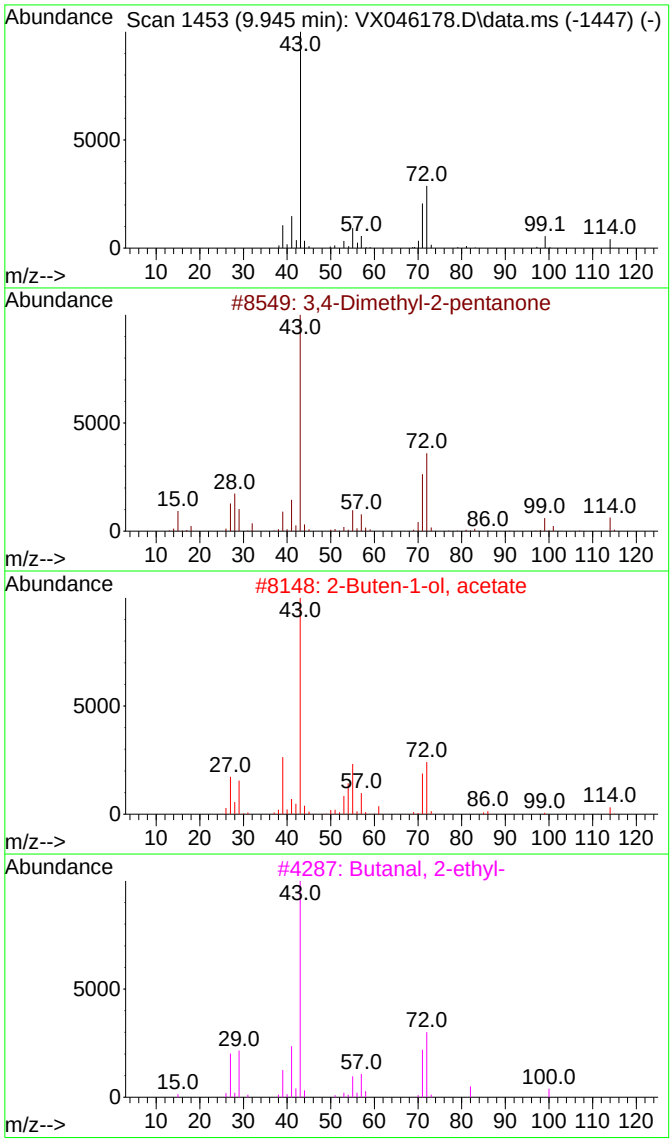
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

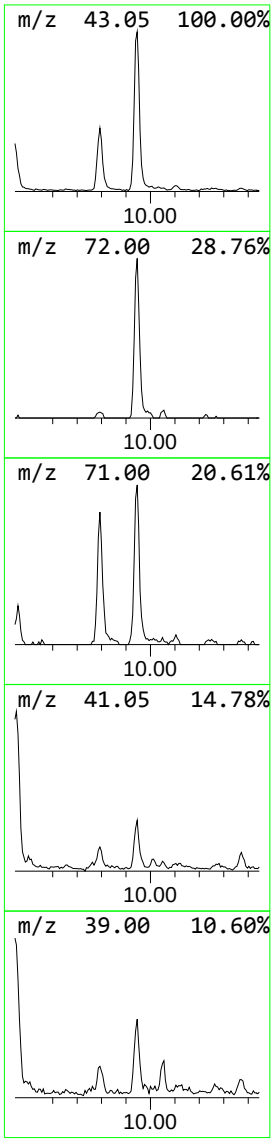
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3,4-Dimethyl-2-pentanone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.945	7.55 ug/l	61664	Chlorobenzene-d5	10.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-2-pentanone	114	C7H14O	1000202-23-1	72
2	2-Buten-1-ol, acetate	114	C6H10O2	000628-08-0	59
3	Butanal, 2-ethyl-	100	C6H12O	000097-96-1	59
4	2,5-Hexanedione	114	C6H10O2	000110-13-4	43
5	2-Hexanone, 3-methyl-	114	C7H14O	002550-21-2	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

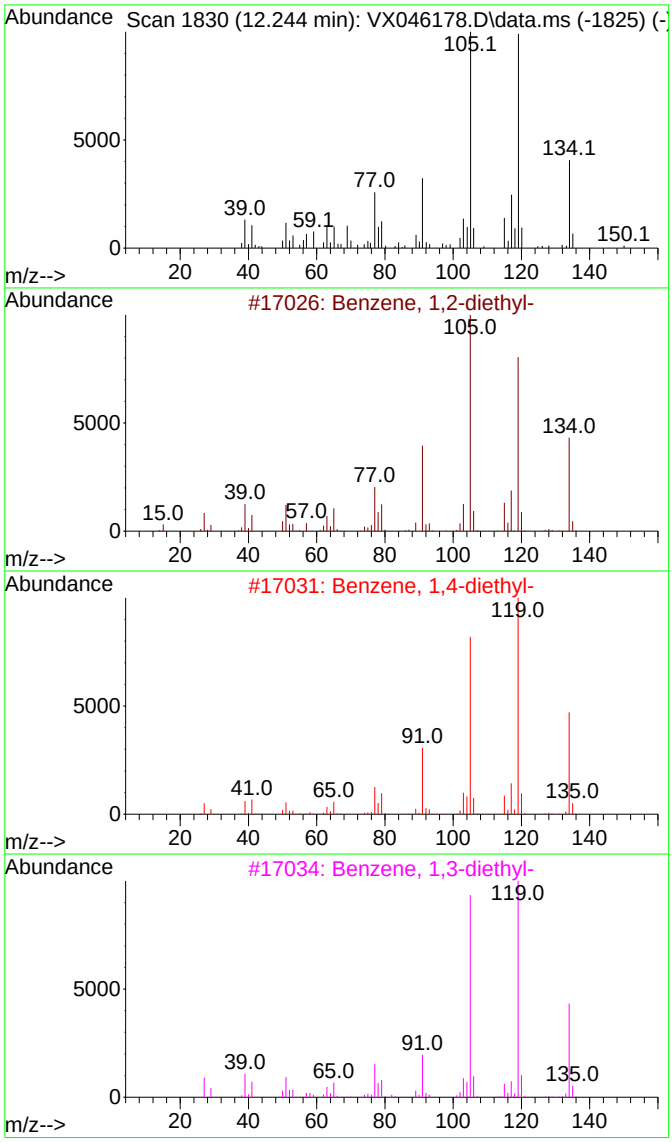
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

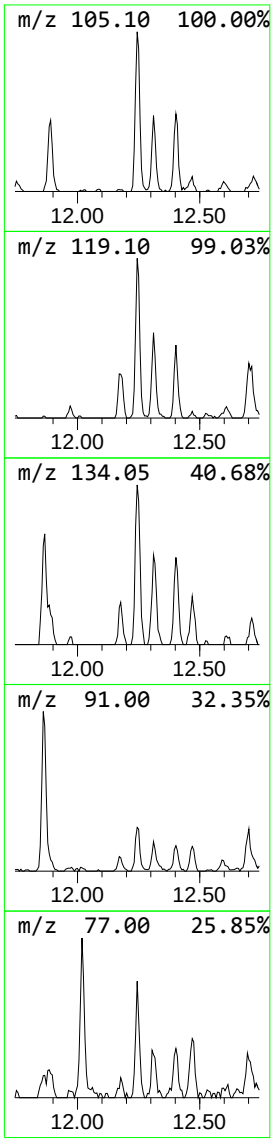
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	6.82 ug/l	50121	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	83
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

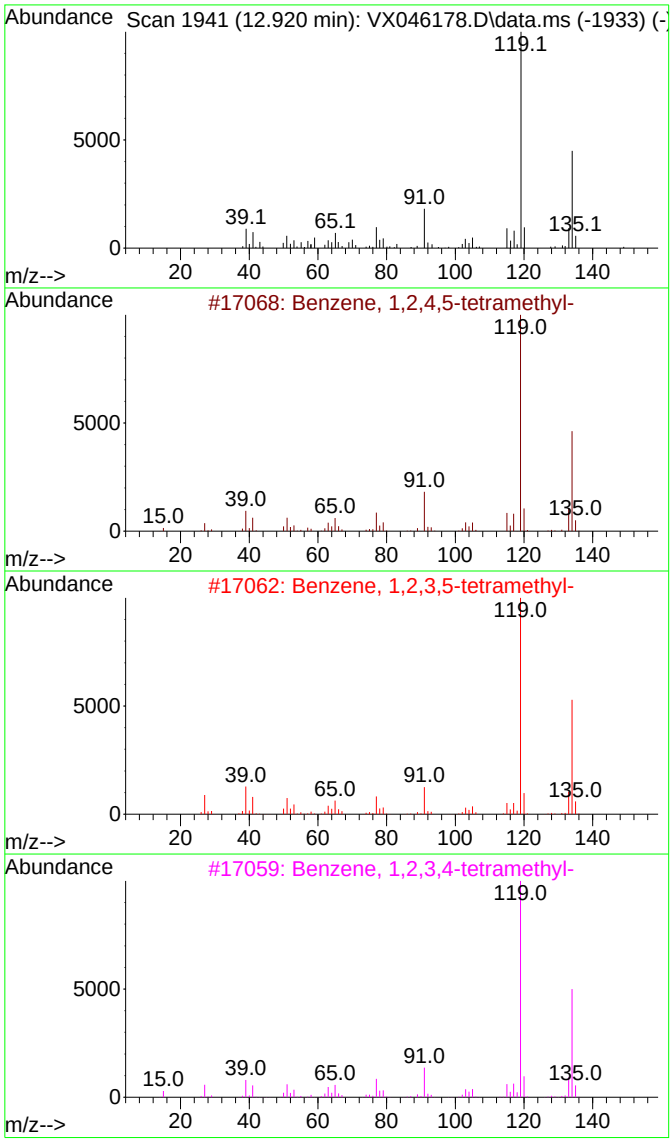
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

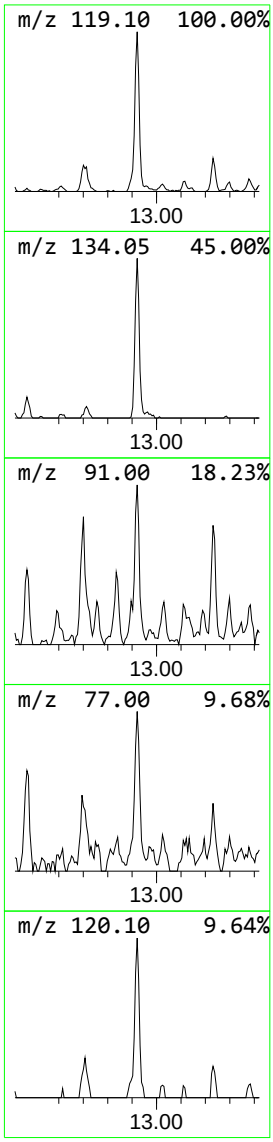
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	11.20 ug/l	82274	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

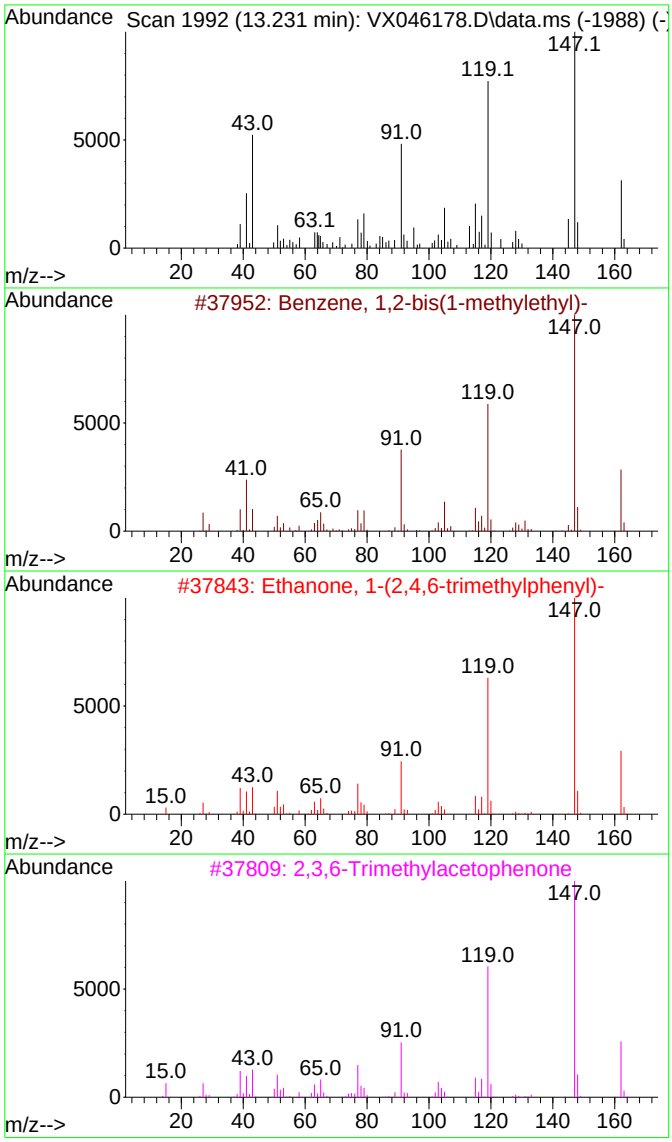
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

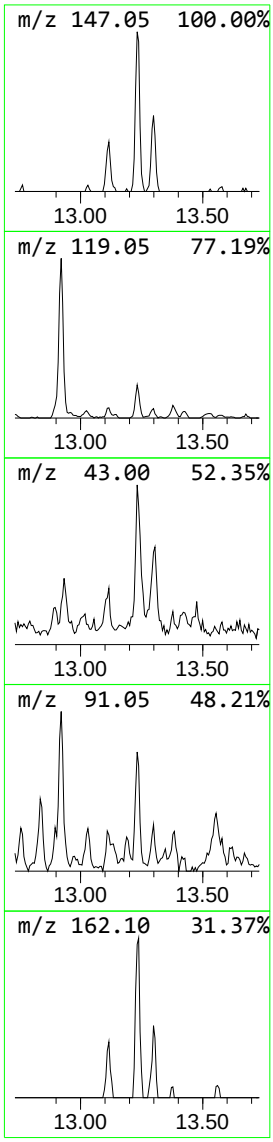
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1,2-bis(1-methylet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.231	5.20 ug/l	38223	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-bis(1-methylethyl)-	162	C12H18	000577-55-9	94
2	Ethanone, 1-(2,4,6-trimethylphen...	162	C11H14O	001667-01-2	93
3	2,3,6-Trimethylacetophenone	162	C11H14O	1000342-30-1	93
4	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	87
5	Benzene, 1,3-bis(1-methylethyl)-	162	C12H18	000099-62-7	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

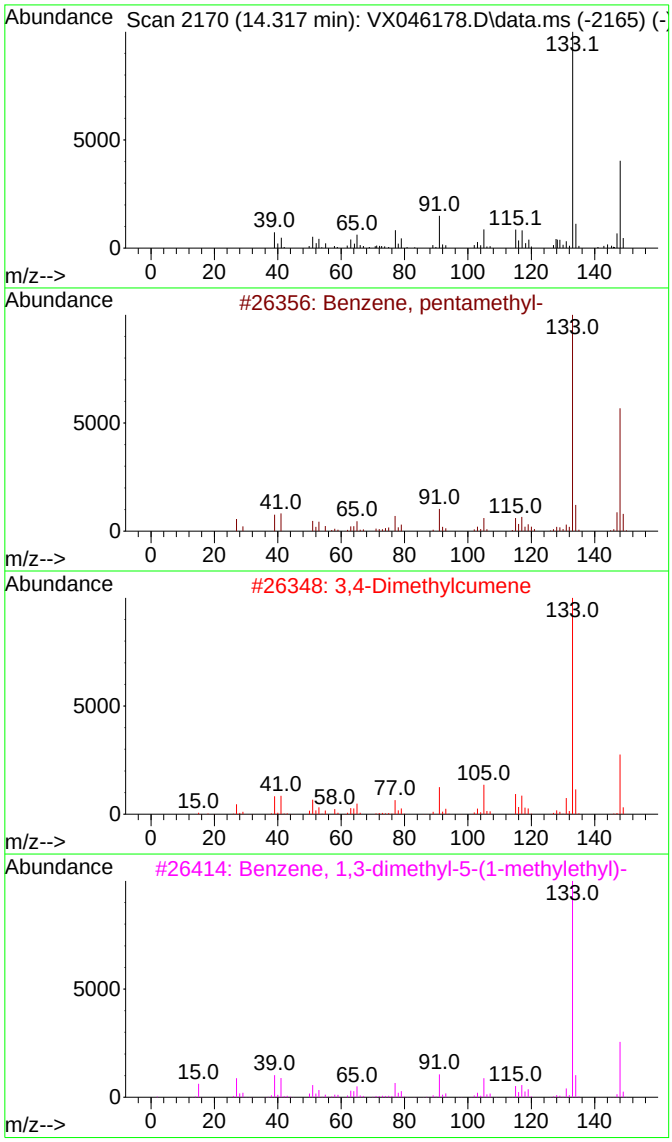
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

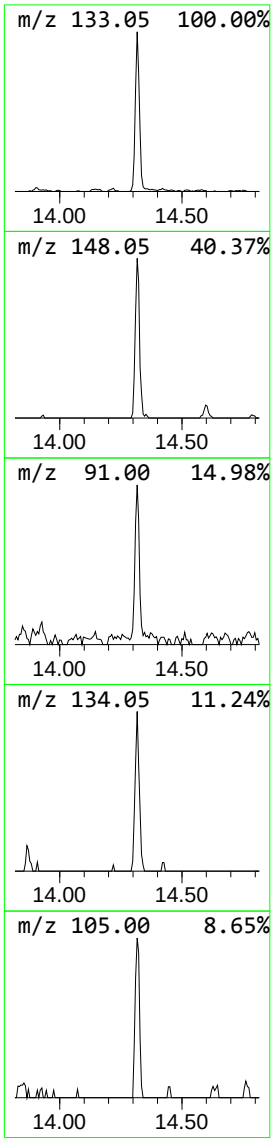
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, pentamethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.317	7.28 ug/l	53478	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentamethyl-	148	C11H16	000700-12-9	91
2	3,4-Dimethylcumene	148	C11H16	1000370-34-1	90
3	Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	90
4	Benzene, 1-(1,1-dimethylethyl)-3...	148	C11H16	001075-38-3	87
5	Benzene, 2,4-dimethyl-1-(1-methy...	148	C11H16	004706-89-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046178.D
Acq On : 13 May 2025 19:52
Operator : JC/MD
Sample : Q2018-05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Hexane, 2,2-dim...	6.239	23.7	ug/l	156870	2	6.757	331523	50.0
Pentane, 2,3,4-...	7.982	20.6	ug/l	136772	2	6.757	331523	50.0
Pentane, 2,3,3-...	8.104	41.5	ug/l	274973	2	6.757	331523	50.0
2-Butanol, 2,3-...	8.421	83.9	ug/l	685307	3	10.049	408295	50.0
2-Pentanone, 4,...	9.238	8.6	ug/l	70550	3	10.049	408295	50.0
unknown9.445	9.445	15.6	ug/l	127309	3	10.049	408295	50.0
3,4-Dimethyl-2-...	9.945	7.5	ug/l	61664	3	10.049	408295	50.0
Benzene, 1,2-di...	12.244	6.8	ug/l	50121	4	12.018	367292	50.0
Benzene, 1,2,4,...	12.921	11.2	ug/l	82274	4	12.018	367292	50.0
Benzene, 1,2-bi...	13.231	5.2	ug/l	38223	4	12.018	367292	50.0
Benzene, pentam...	14.317	7.3	ug/l	53478	4	12.018	367292	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046203.D
Acq On : 15 May 2025 11:01
Operator : JC/MD
Sample : Q2018-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Time: May 16 01:02:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	63676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130694	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66440	55.967	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.940%			
35) Dibromofluoromethane	5.379	113	48259	51.277	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.560%			
50) Toluene-d8	8.647	98	163958	50.334	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.660%			
62) 4-Bromofluorobenzene	11.079	95	62753	50.223	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.440%			

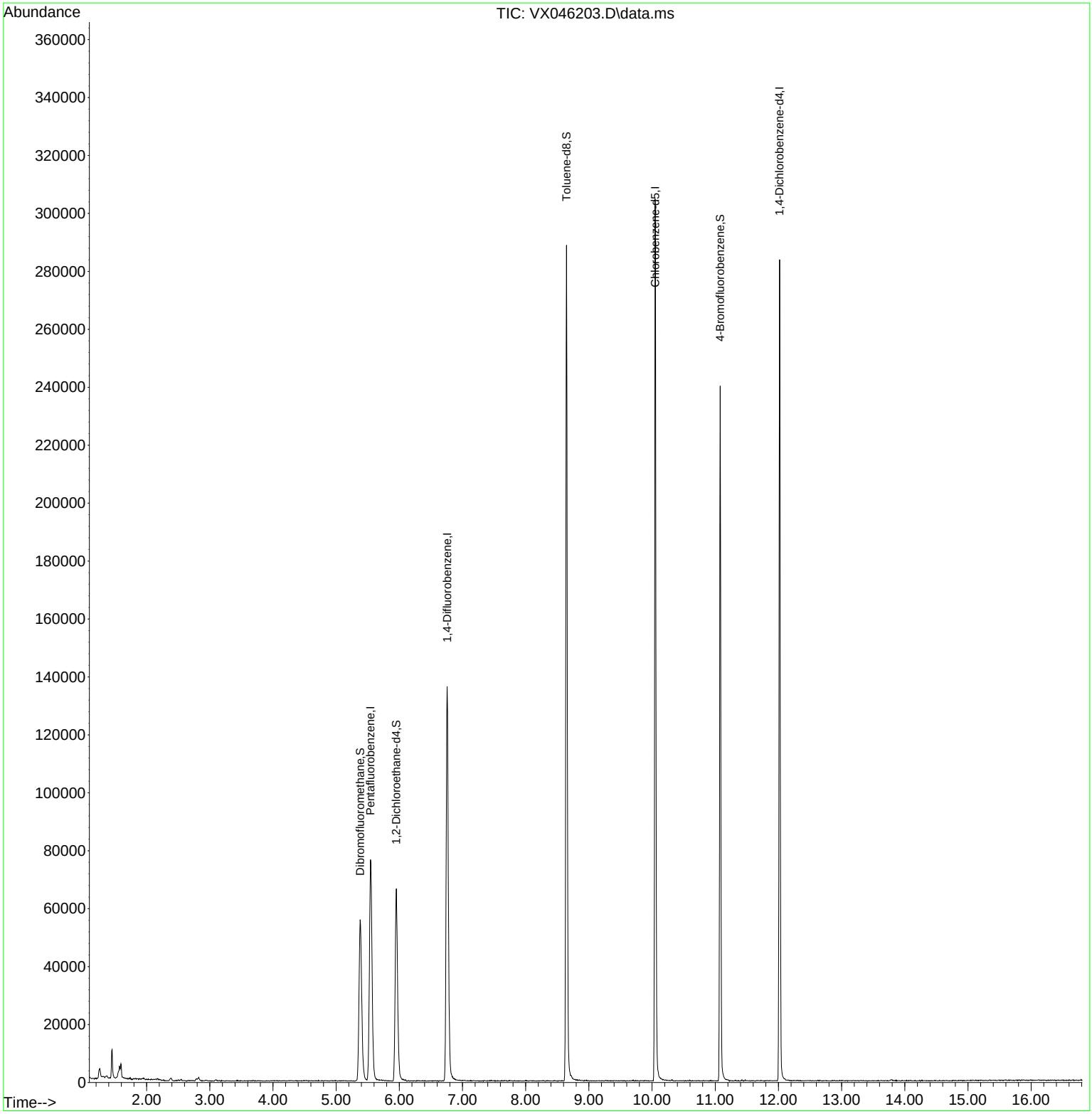
Target Compounds Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046203.D
Acq On : 15 May 2025 11:01
Operator : JC/MD
Sample : Q2018-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

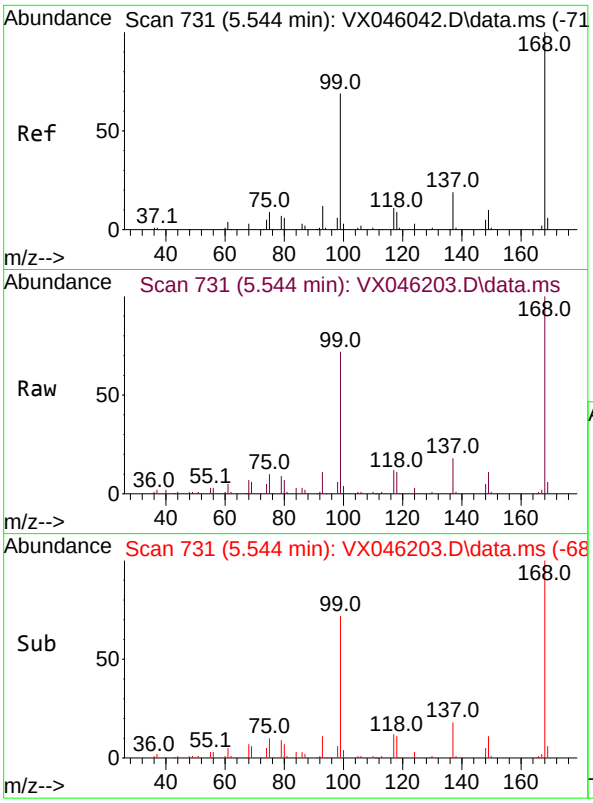
Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Time: May 16 01:02:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



5

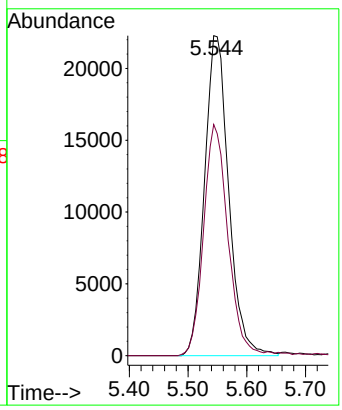
Instrument :
MSVOA_X
ClientSampleId :
FB

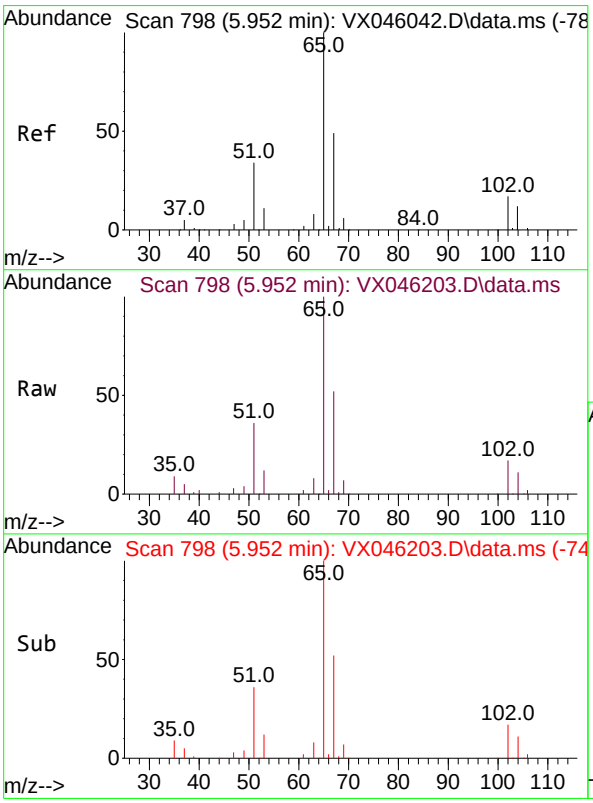


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046203.D
Acq: 15 May 2025 11:01

Tgt Ion:168 Resp: 63676

Ion	Ratio	Lower	Upper
168	100		
99	72.3	54.9	82.3

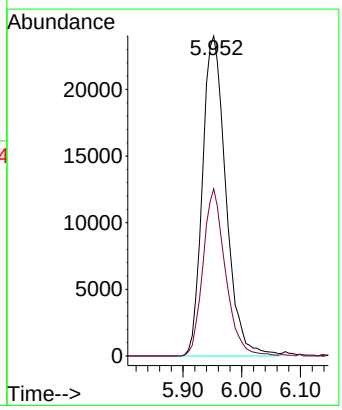


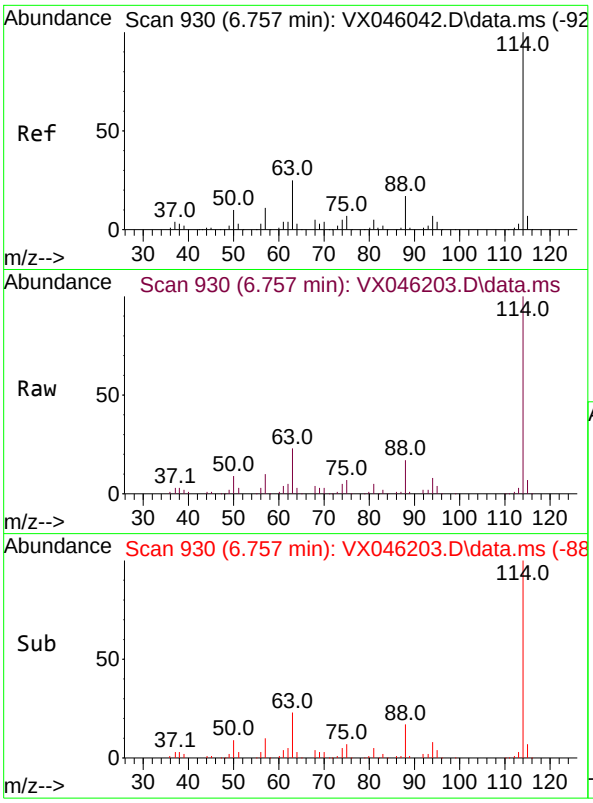


#33
1,2-Dichloroethane-d4
Concen: 55.967 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046203.D
Acq: 15 May 2025 11:01

Tgt Ion: 65 Resp: 66440

Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	99.0



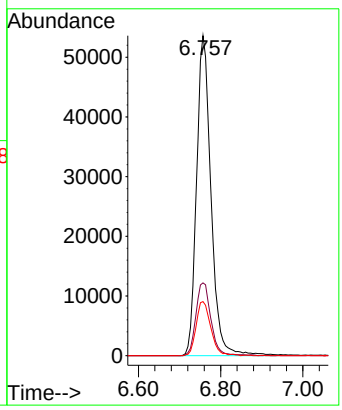


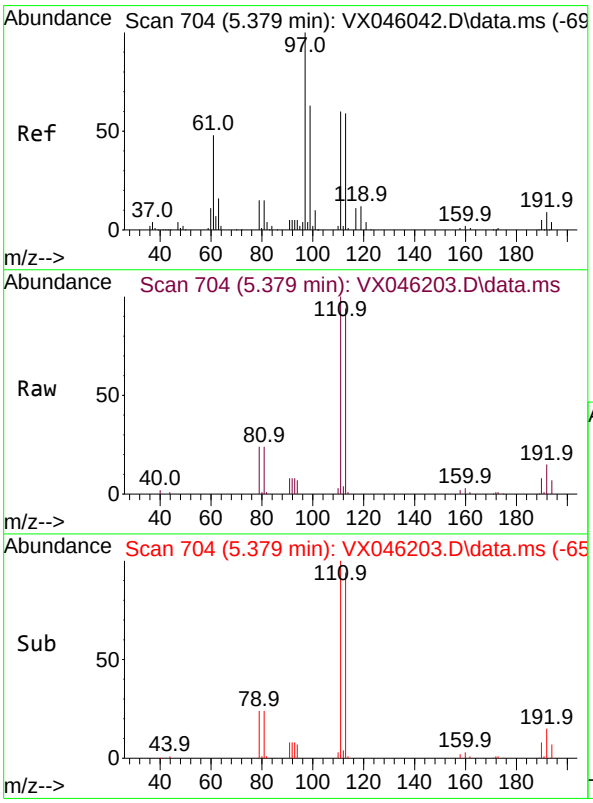
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046203.D
Acq: 15 May 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:114 Resp: 130694

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	49.2
88	16.9	0.0	33.6

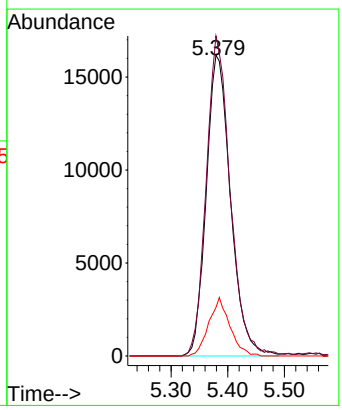


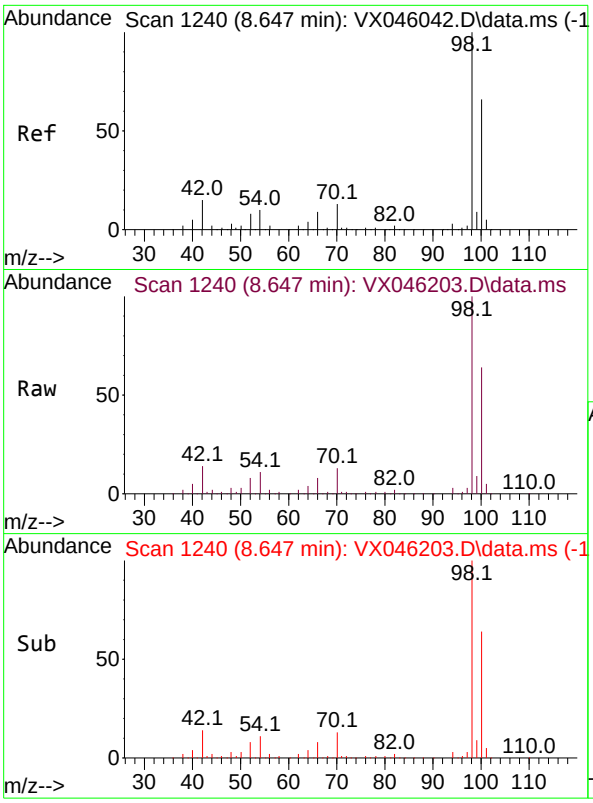


#35
Dibromofluoromethane
Concen: 51.277 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046203.D
Acq: 15 May 2025 11:01

Tgt Ion:113 Resp: 48259

Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.1	124.7
192	16.8	13.3	19.9



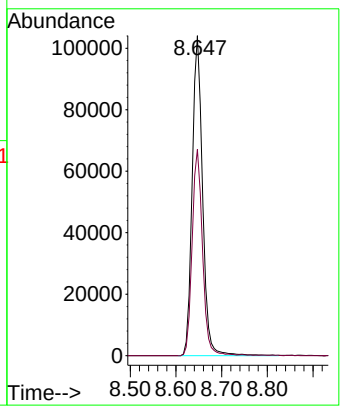


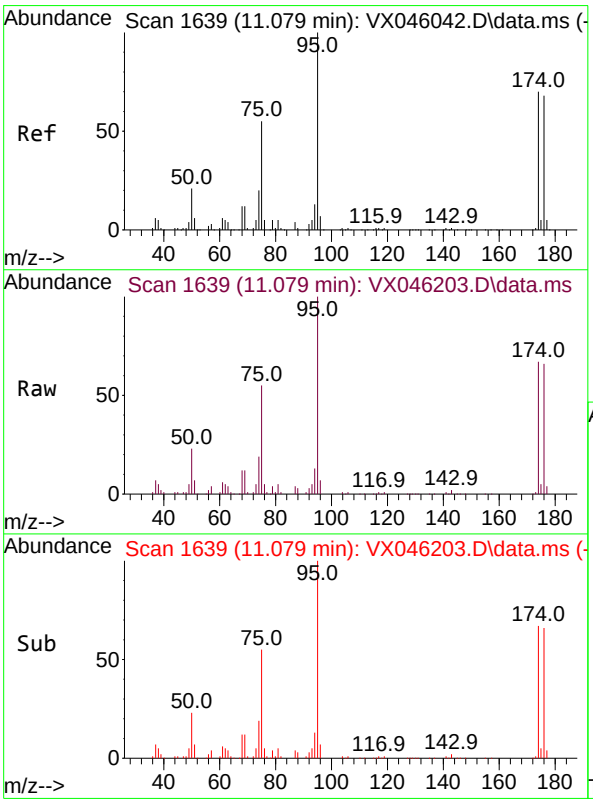
#50
Toluene-d8
Concen: 50.334 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046203.D
Acq: 15 May 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion: 98 Resp: 163958

Ion	Ratio	Lower	Upper
98	100		
100	64.3	53.5	80.3

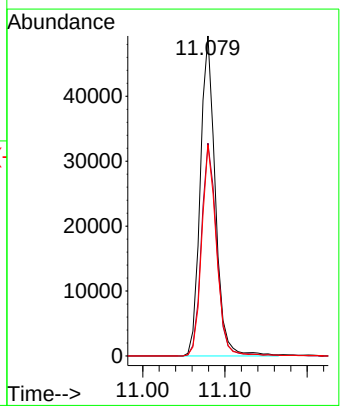


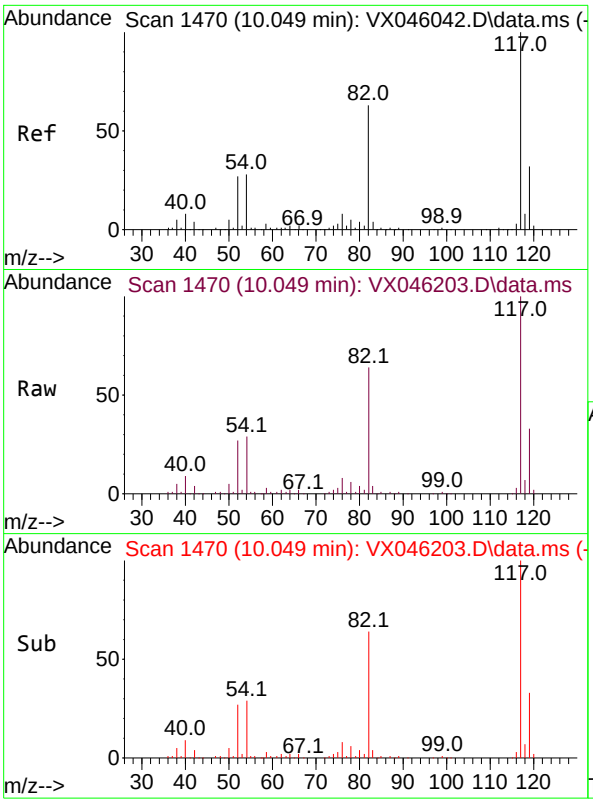


#62
4-Bromofluorobenzene
Concen: 50.223 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046203.D
Acq: 15 May 2025 11:01

Tgt Ion: 95 Resp: 62753

Ion	Ratio	Lower	Upper
95	100		
174	67.2	0.0	135.8
176	64.8	0.0	131.4



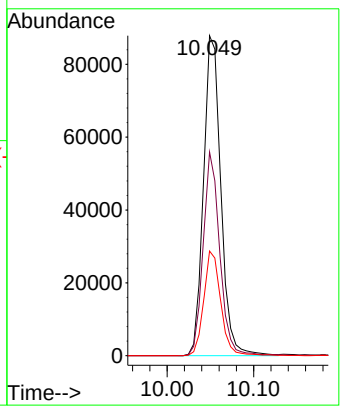


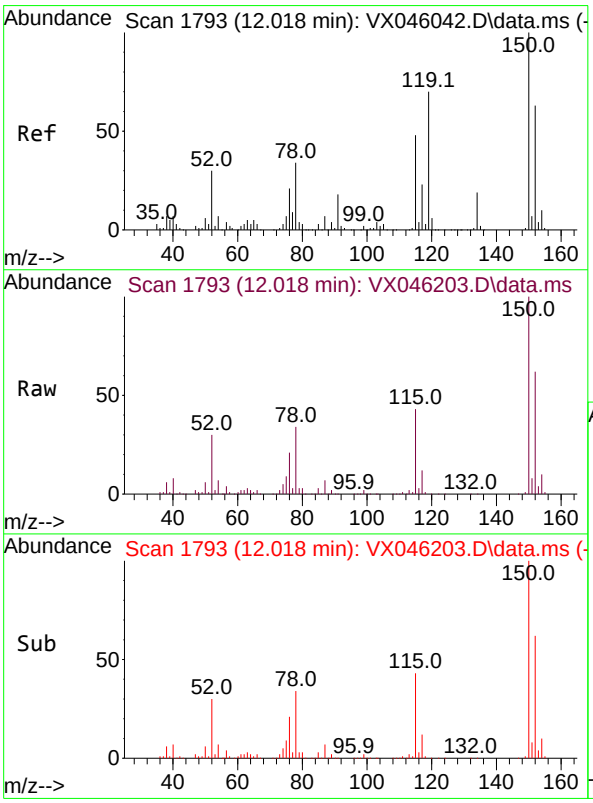
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046203.D
Acq: 15 May 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:117 Resp: 122640

Ion	Ratio	Lower	Upper
117	100		
82	63.6	50.6	76.0
119	32.7	25.8	38.6

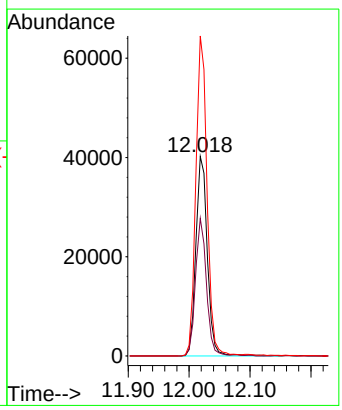




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046203.D
Acq: 15 May 2025 11:01

Tgt Ion:152 Resp: 52530

Ion	Ratio	Lower	Upper
152	100		
115	65.7	46.9	140.7
150	156.1	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046203.D
Acq On : 15 May 2025 11:01
Operator : JC/MD
Sample : Q2018-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046203.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	22	28	33	rBV3	3414	6872	1.51%	0.280%
2	1.453	56	60	69	rVB	9901	12591	2.77%	0.513%
3	1.569	69	79	81	rBV5	4088	8079	1.78%	0.329%
4	1.593	81	83	86	rVB4	4564	4781	1.05%	0.195%
5	5.379	689	704	722	rBV2	55781	166290	36.59%	6.779%
6	5.544	722	731	745	rBV	76118	215191	47.35%	8.773%
7	5.952	787	798	813	rBV	66433	174263	38.35%	7.104%
8	6.757	920	930	946	rBV	136235	330122	72.64%	13.458%
9	8.647	1233	1240	1250	rBV	288511	454433	100.00%	18.526%
10	10.049	1465	1470	1487	rBV	304505	416766	91.71%	16.990%
11	11.079	1634	1639	1653	rBV	239827	307387	67.64%	12.531%
12	12.018	1788	1793	1805	rBV	283367	356164	78.38%	14.520%

Sum of corrected areas: 2452939

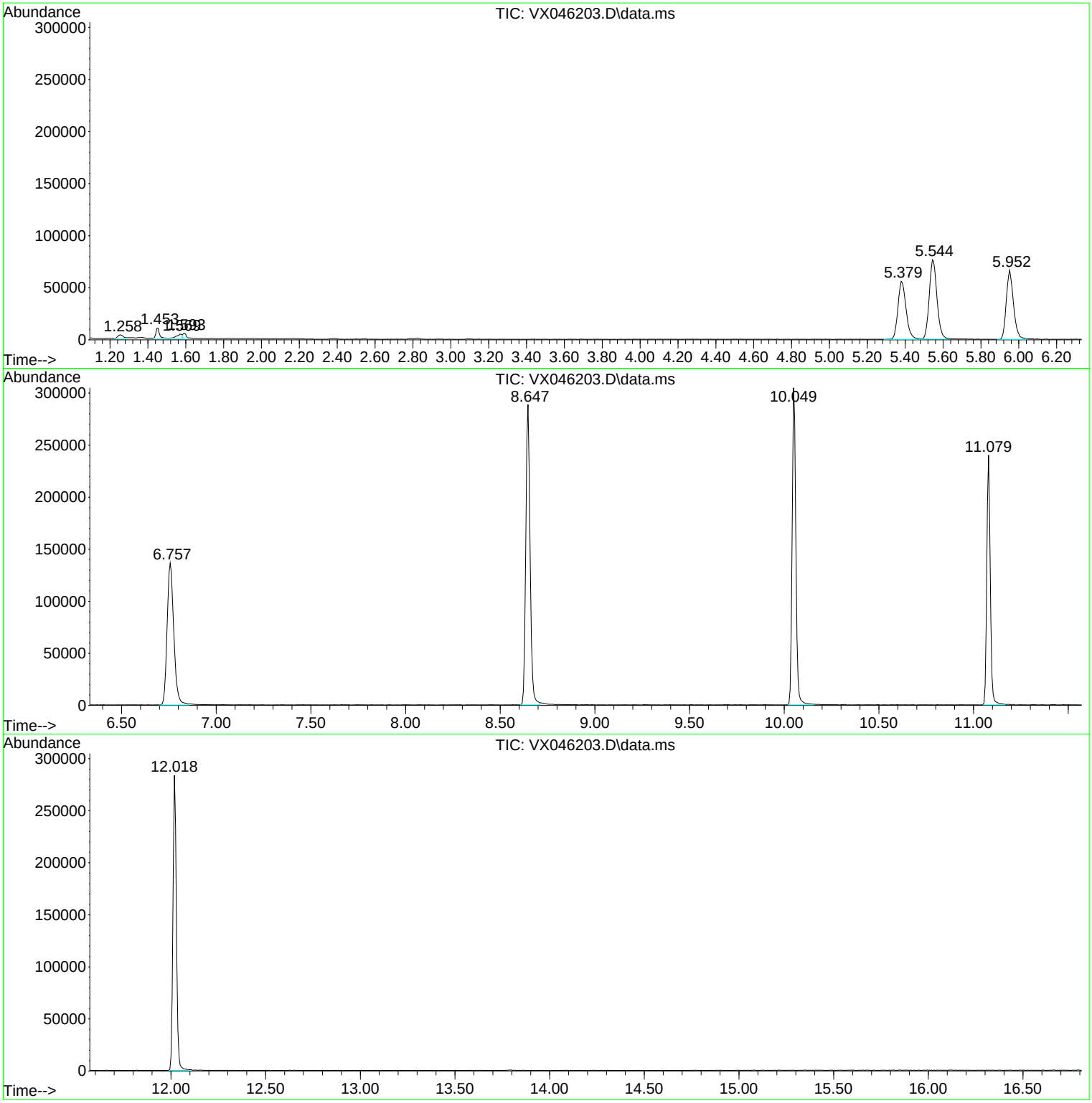
Sample Results: **VX046203.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046203.D
Acq On : 15 May 2025 11:01
Operator : JC/MD
Sample : Q2018-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046203.D
Acq On : 15 May 2025 11:01
Operator : JC/MD
Sample : Q2018-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX051525\
Data File : VX046203.D
Acq On : 15 May 2025 11:01
Operator : JC/MD
Sample : Q2018-06
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046155.D
Acq On : 13 May 2025 10:52
Operator : JC/MD
Sample : VX0513WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Quant Time: May 14 01:35:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	67277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133345	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52712	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67481	53.801	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.600%			
35) Dibromofluoromethane	5.379	113	49414	51.461	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	8.647	98	167575	50.422	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.079	95	63997	50.200	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.400%			

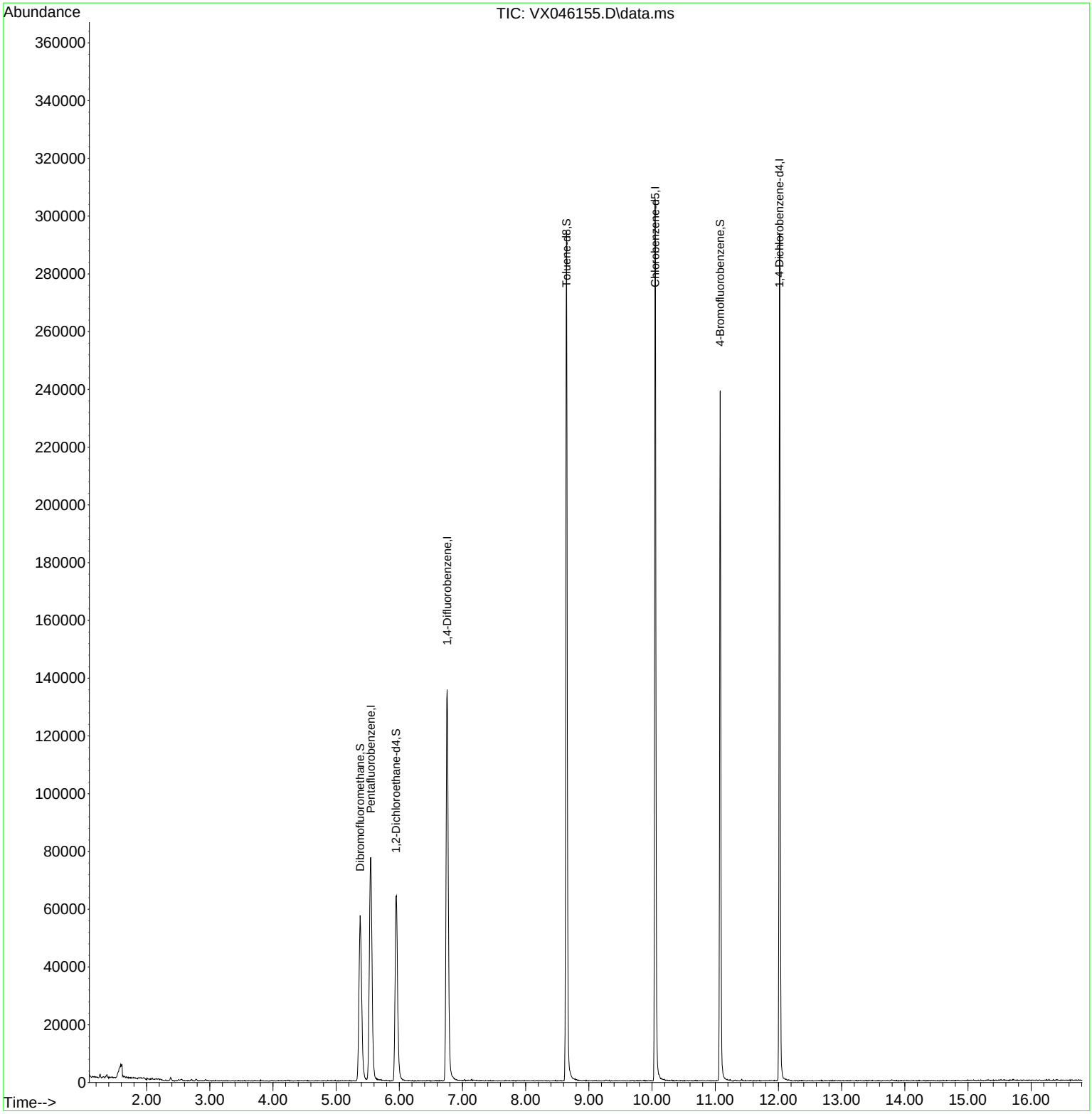
Target Compounds Qvalue

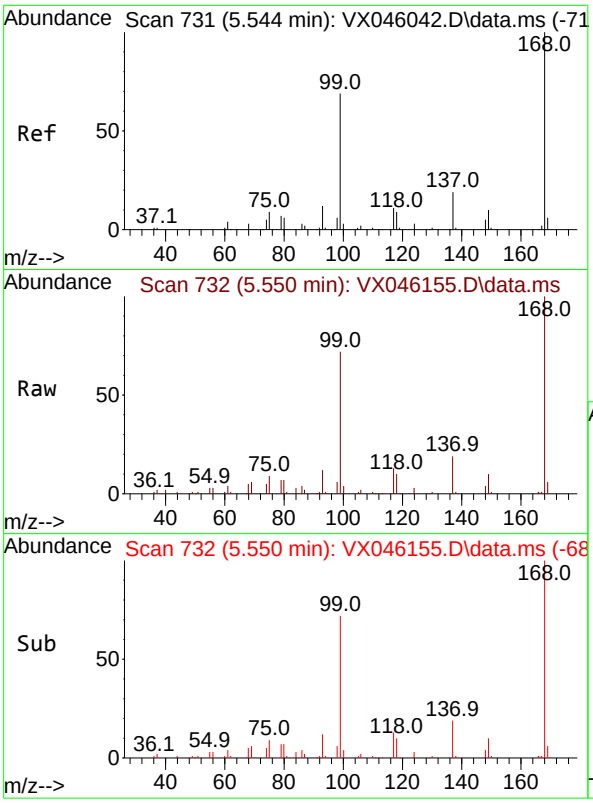
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046155.D
Acq On : 13 May 2025 10:52
Operator : JC/MD
Sample : VX0513WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Quant Time: May 14 01:35:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



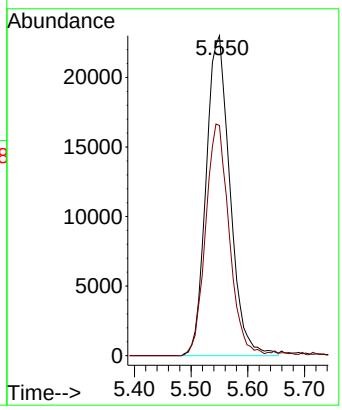


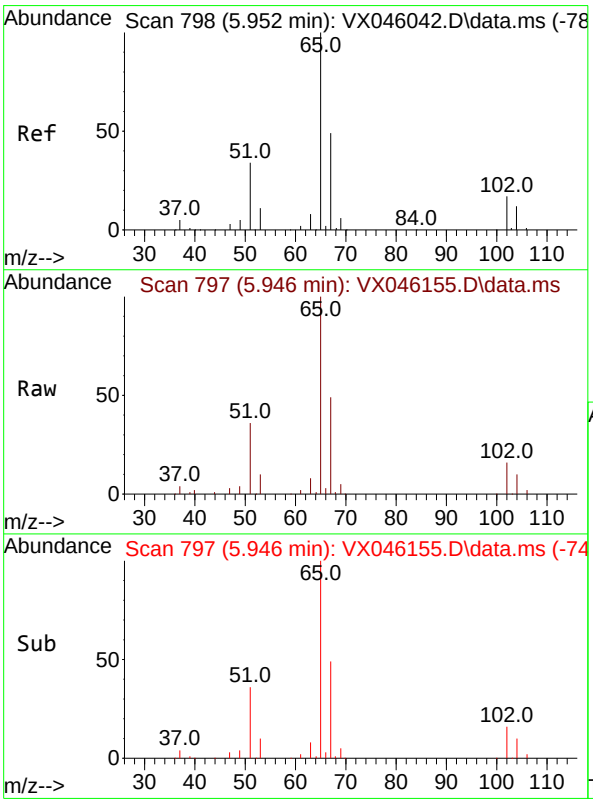
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Tgt Ion:168 Resp: 67277

Ion	Ratio	Lower	Upper
168	100		
99	72.0	54.9	82.3

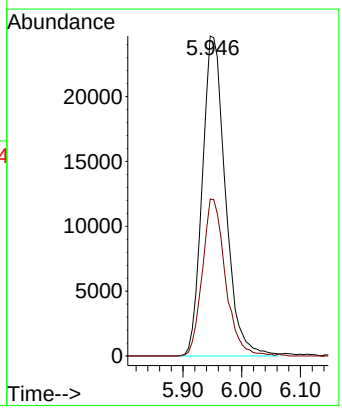


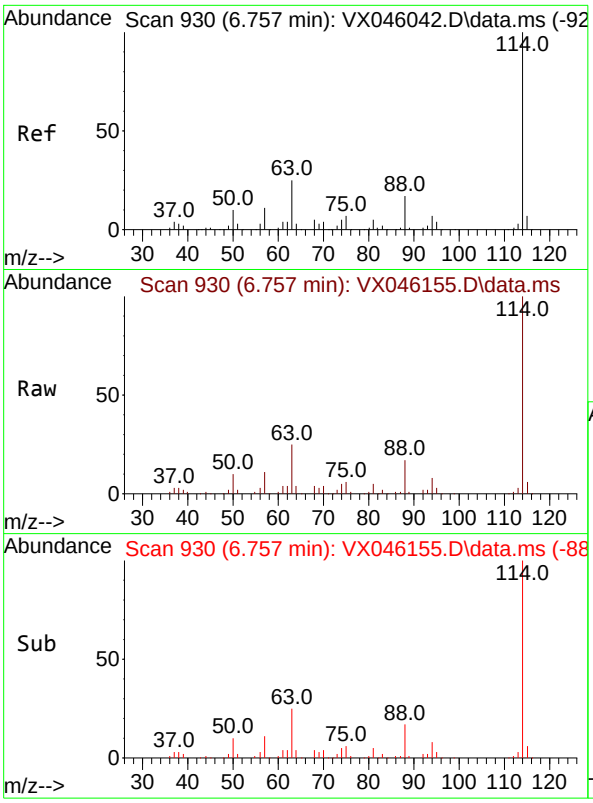


#33
1,2-Dichloroethane-d4
Concen: 53.801 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 65 Resp: 67481

Ion	Ratio	Lower	Upper
65	100		
67	48.9	0.0	99.0



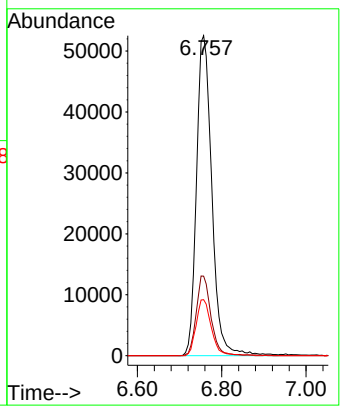


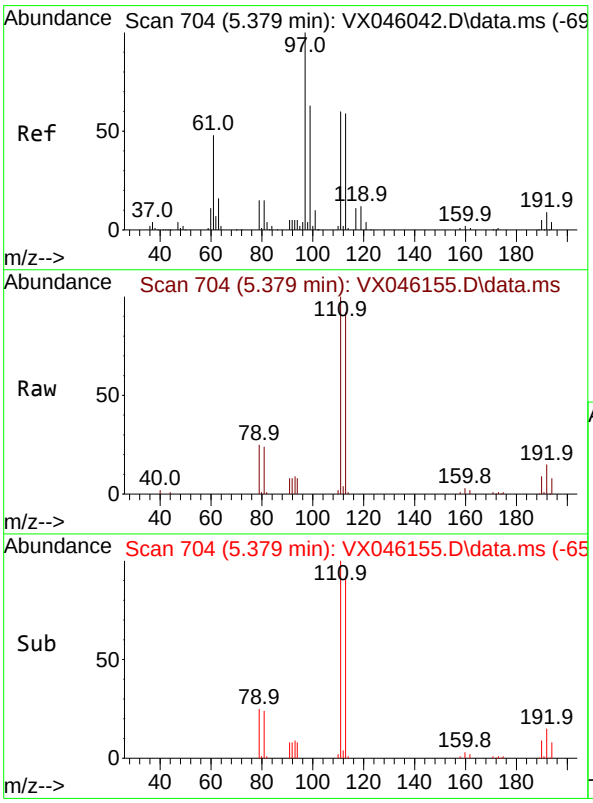
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Tgt Ion:114 Resp: 133345

Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	49.2
88	17.5	0.0	33.6

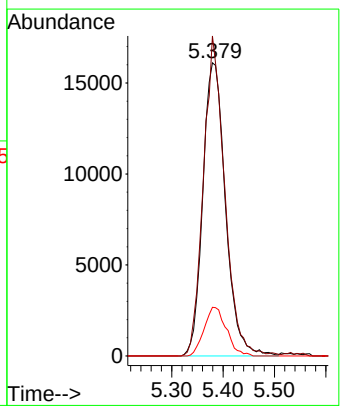


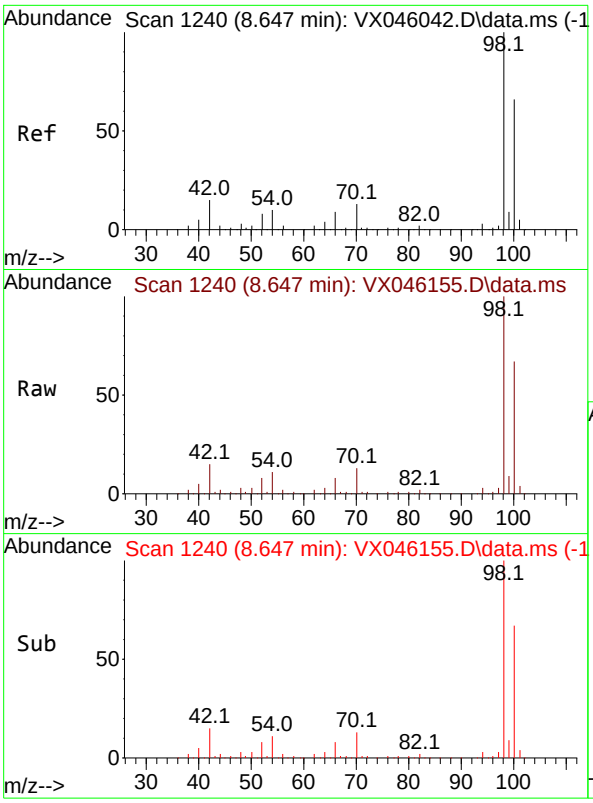


#35
Dibromofluoromethane
Concen: 51.461 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion:113 Resp: 49414

Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.1	124.7
192	16.3	13.3	19.9



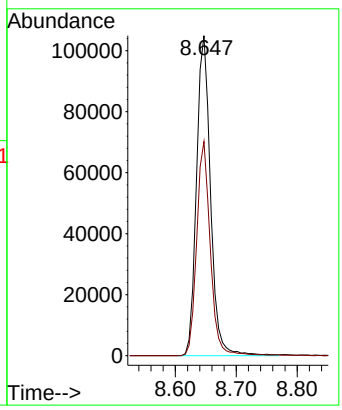


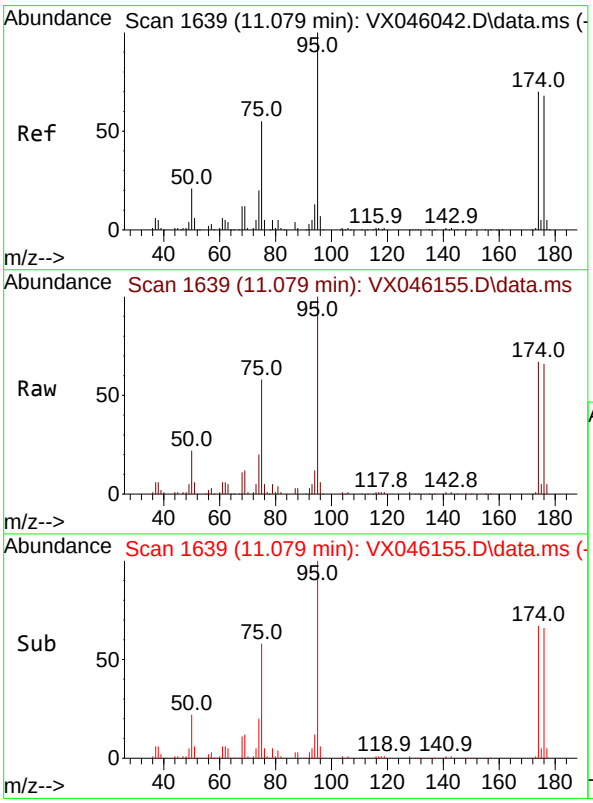
#50
Toluene-d8
Concen: 50.422 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Tgt Ion: 98 Resp: 167575

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.5	80.3

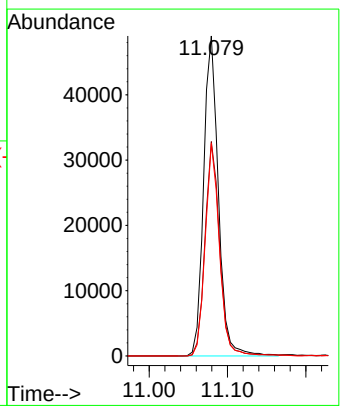


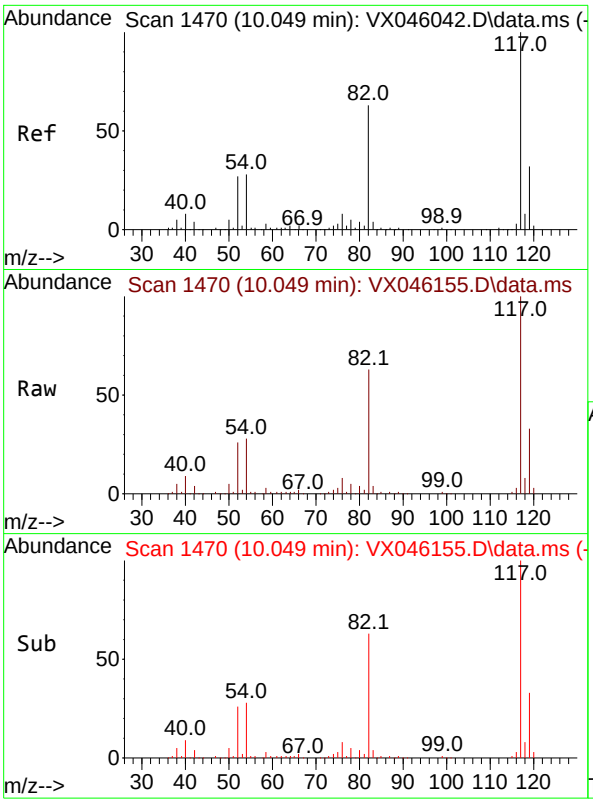


#62
4-Bromofluorobenzene
Concen: 50.200 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion: 95 Resp: 63997

Ion	Ratio	Lower	Upper
95	100		
174	66.6	0.0	135.8
176	64.1	0.0	131.4



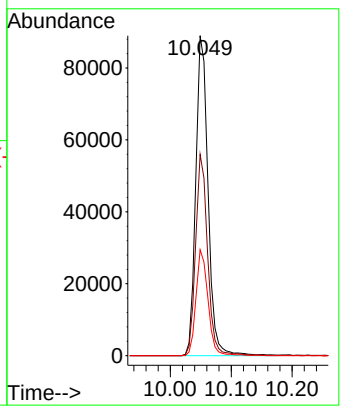


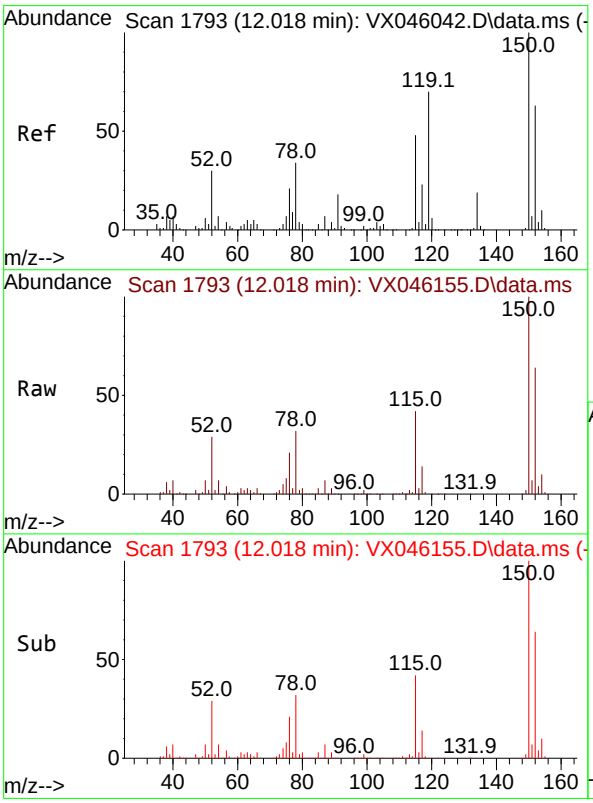
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Tgt Ion:117 Resp: 124650

Ion	Ratio	Lower	Upper
117	100		
82	62.9	50.6	76.0
119	33.1	25.8	38.6

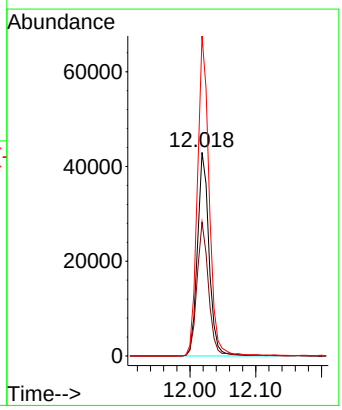




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046155.D
Acq: 13 May 2025 10:52

Tgt Ion:152 Resp: 52712

Ion	Ratio	Lower	Upper
152	100		
115	65.3	46.9	140.7
150	158.4	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046155.D
Acq On : 13 May 2025 10:52
Operator : JC/MD
Sample : VX0513WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046155.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.587	69	82	83	rBV6	4658	11894	2.55%	0.482%
2	5.379	693	704	720	rBV	57358	168547	36.10%	6.825%
3	5.544	721	731	745	rVV	76846	222927	47.75%	9.026%
4	5.952	789	798	815	rBV	64003	174536	37.39%	7.067%
5	6.757	921	930	953	rBV	135353	337394	72.27%	13.661%
6	8.647	1233	1240	1256	rBV	294296	466855	100.00%	18.903%
7	10.049	1465	1470	1484	rBV	305394	421639	90.31%	17.072%
8	11.079	1634	1639	1657	rBV	238772	309326	66.26%	12.525%
9	12.018	1788	1793	1803	rBV	293221	356611	76.39%	14.439%

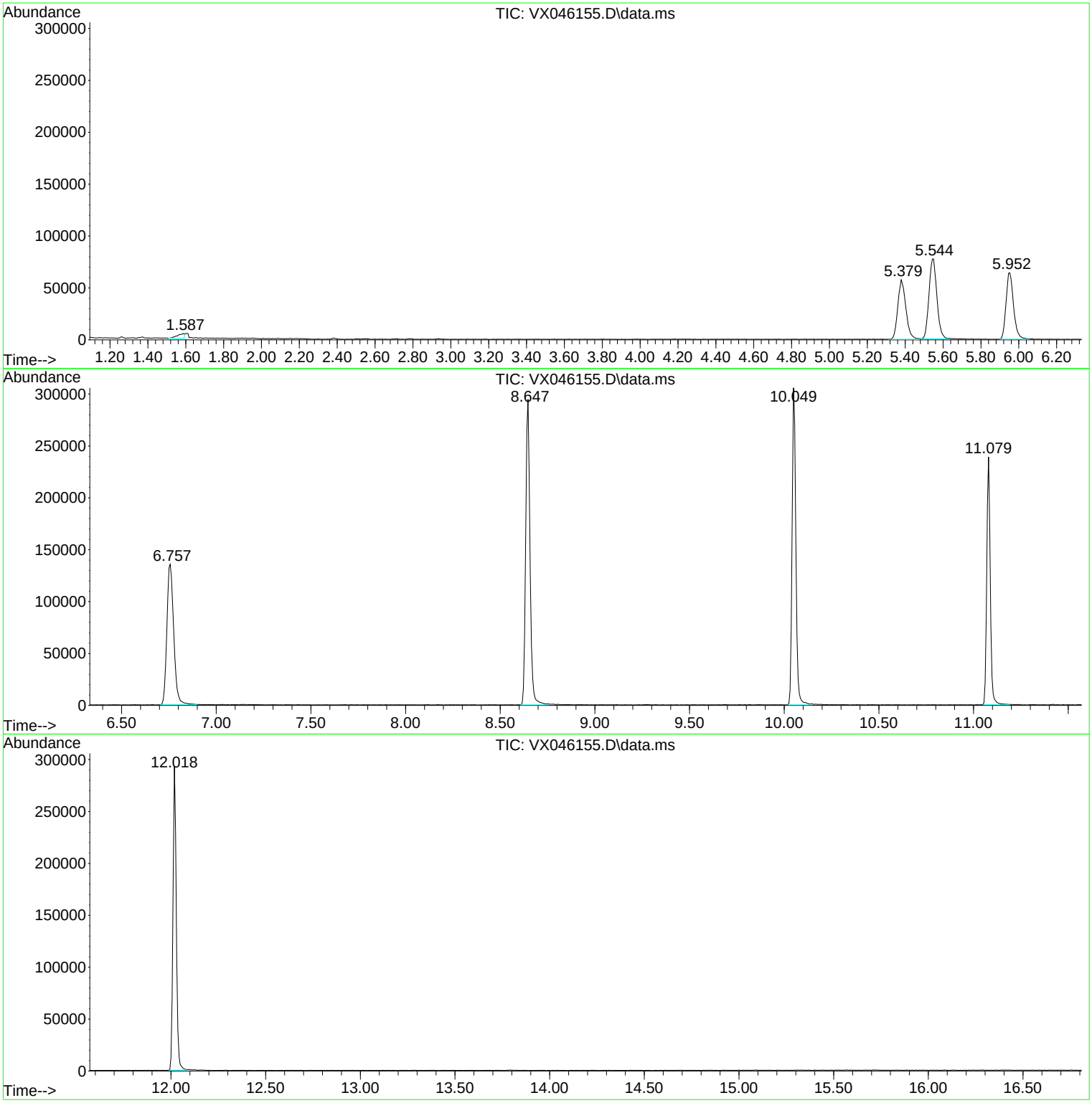
Sum of corrected areas: 2469729

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046155.D
Acq On : 13 May 2025 10:52
Operator : JC/MD
Sample : VX0513WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046155.D
Acq On : 13 May 2025 10:52
Operator : JC/MD
Sample : VX0513WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX051325\
Data File : VX046155.D
Acq On : 13 May 2025 10:52
Operator : JC/MD
Sample : VX0513WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046183.D
Acq On : 14 May 2025 10:50
Operator : JC/MD
Sample : VX0514WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Quant Time: May 15 01:18:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	66143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	124085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66199	53.684	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.360%			
35) Dibromofluoromethane	5.379	113	49039	51.202	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.400%			
50) Toluene-d8	8.647	98	165941	50.058	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.079	95	64922	51.057	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.120%			

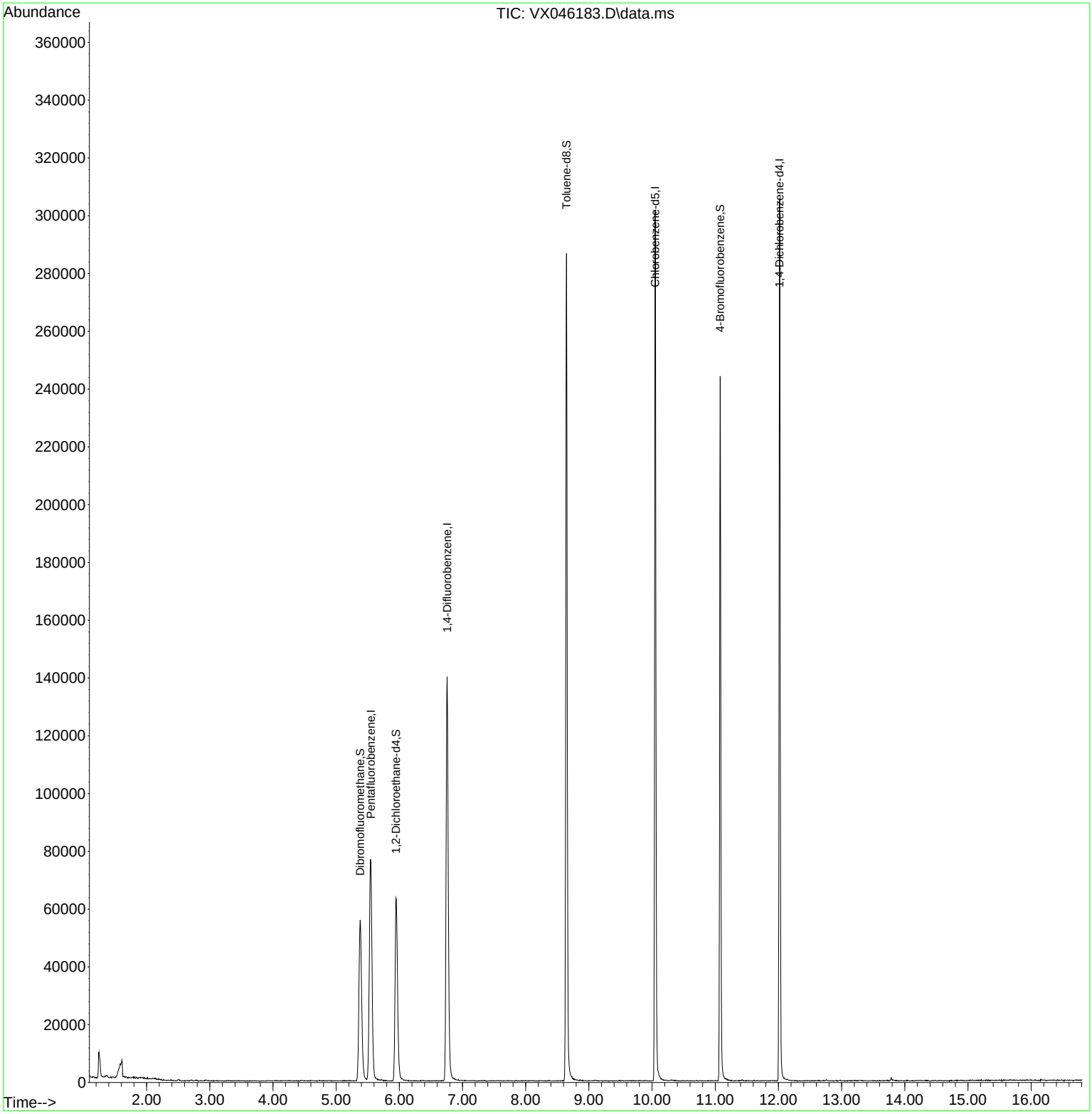
Target Compounds Qvalue

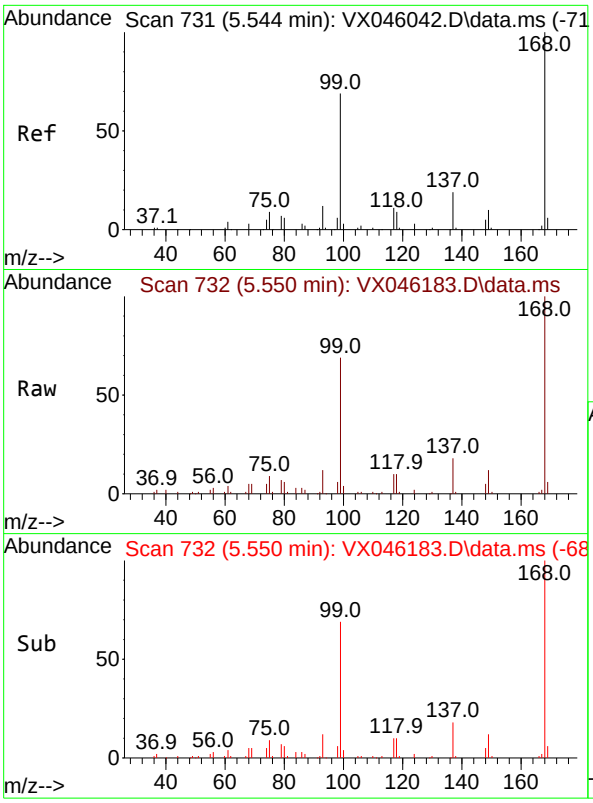
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046183.D
Acq On : 14 May 2025 10:50
Operator : JC/MD
Sample : VX0514WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Quant Time: May 15 01:18:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



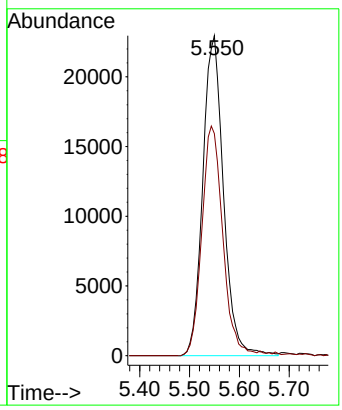


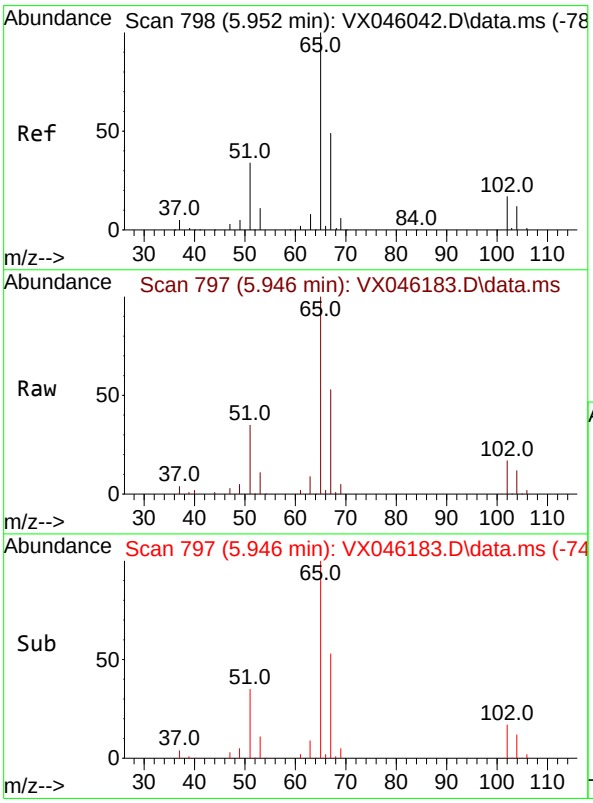
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Tgt Ion:168 Resp: 66143

Ion	Ratio	Lower	Upper
168	100		
99	69.4	54.9	82.3

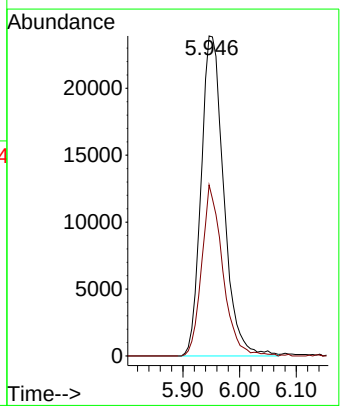


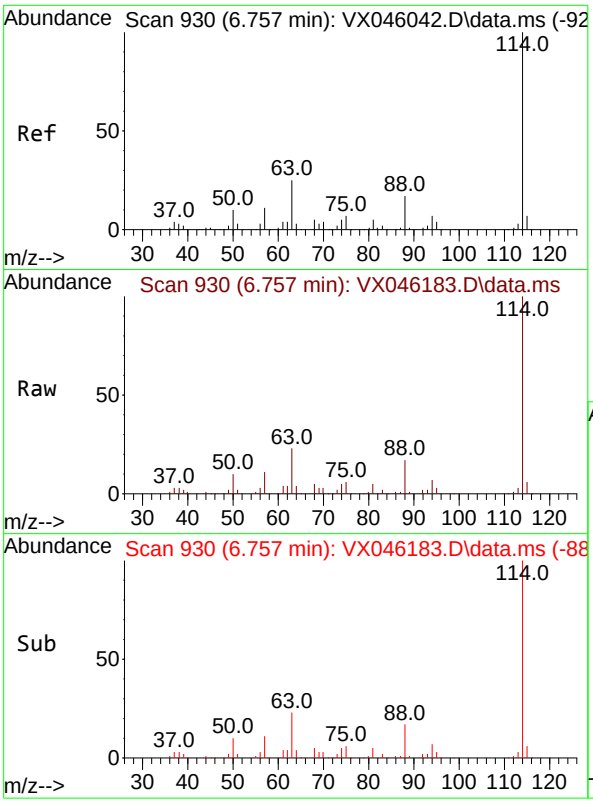


#33
1,2-Dichloroethane-d4
Concen: 53.684 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion: 65 Resp: 66199

Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	99.0



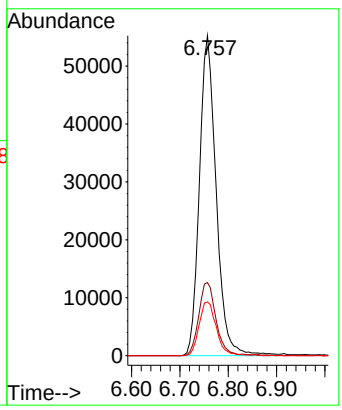


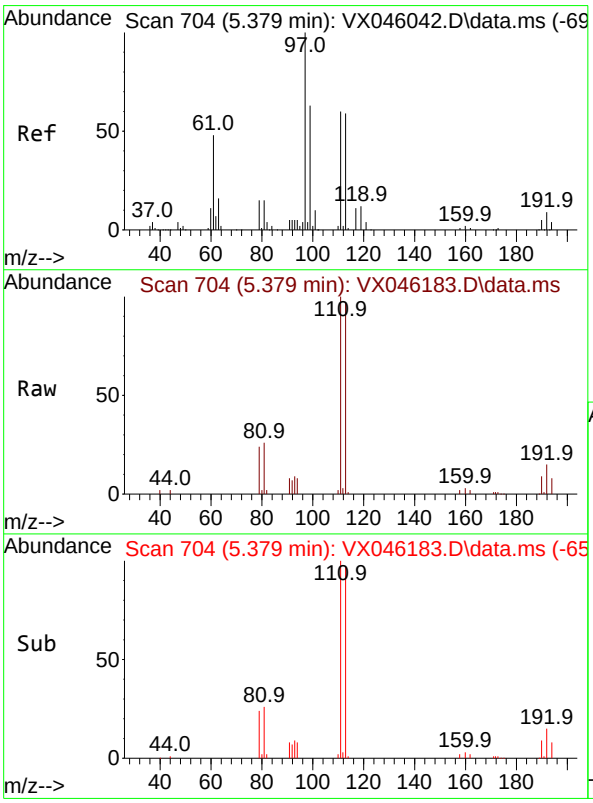
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Tgt Ion:114 Resp: 133003

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	49.2
88	16.8	0.0	33.6

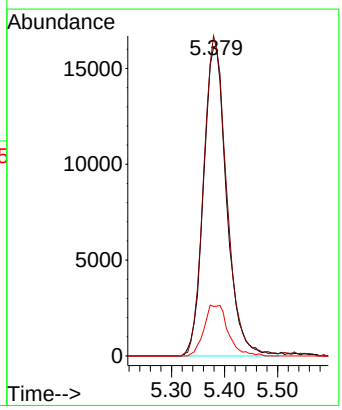




#35
Dibromofluoromethane
Concen: 51.202 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

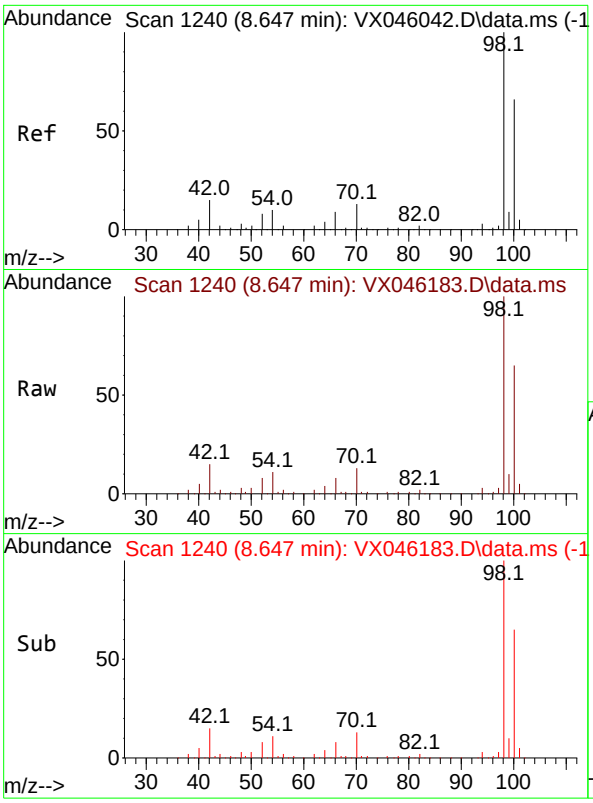
Tgt Ion:113 Resp: 49039

Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.1	124.7
192	17.0	13.3	19.9



5

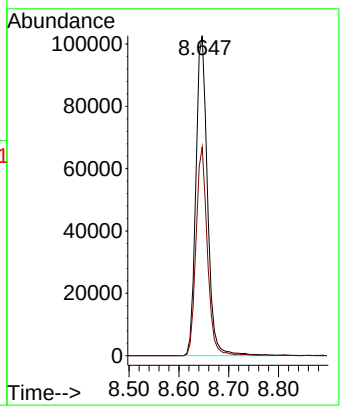
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

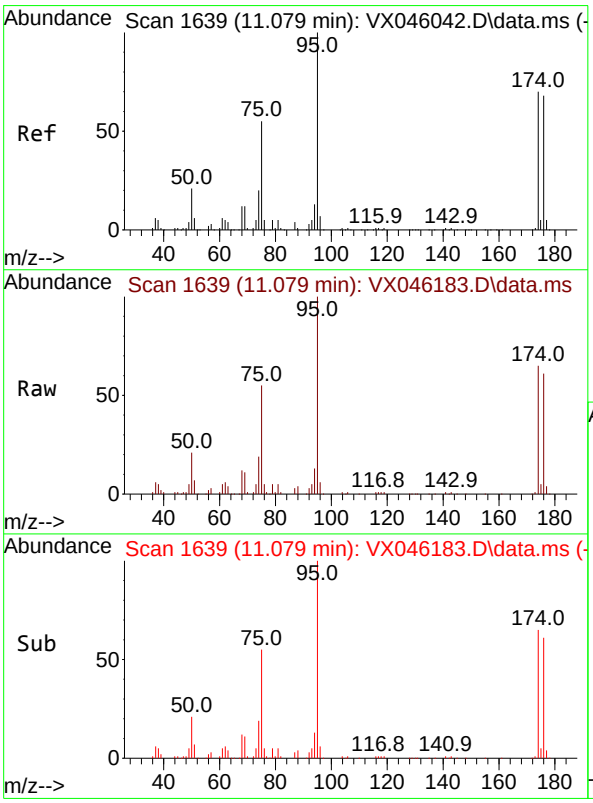


#50
Toluene-d8
Concen: 50.058 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion: 98 Resp: 165941

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.5	80.3

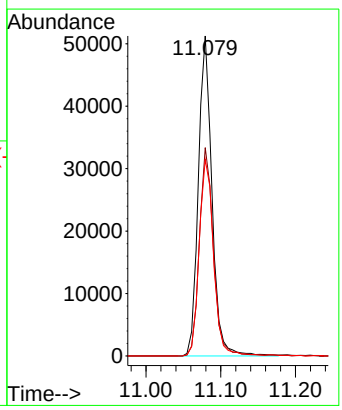


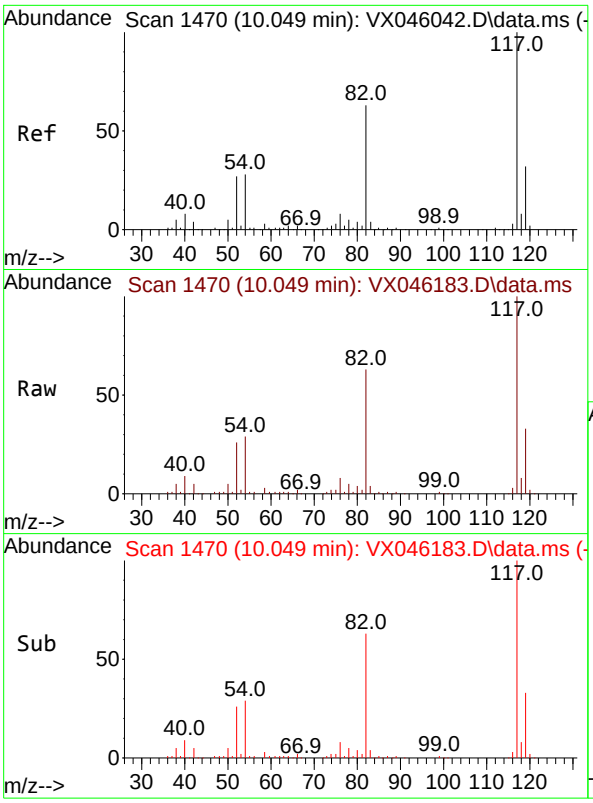


#62
4-Bromofluorobenzene
Concen: 51.057 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion: 95 Resp: 64922

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	135.8
176	64.8	0.0	131.4



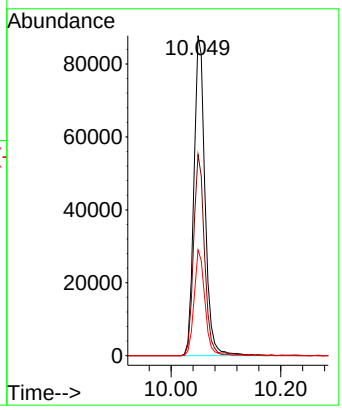


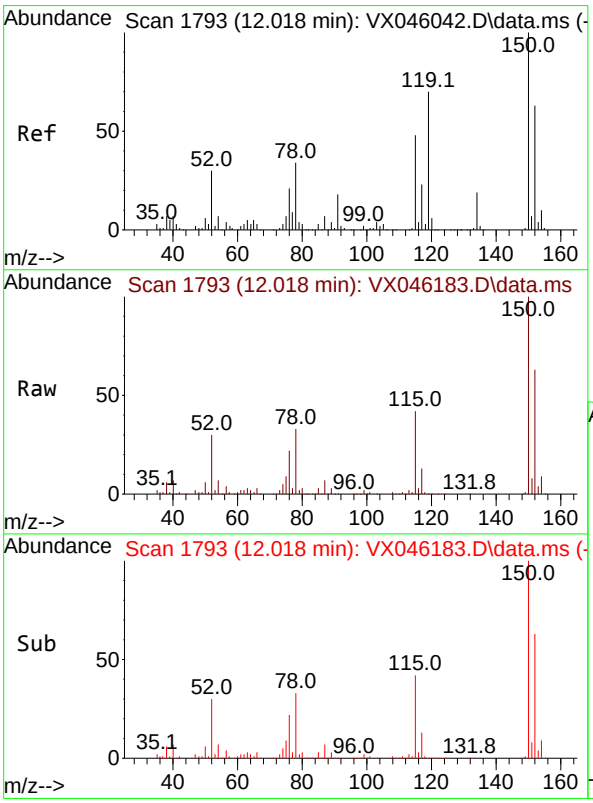
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Tgt Ion:117 Resp: 124085

Ion	Ratio	Lower	Upper
117	100		
82	62.8	50.6	76.0
119	33.1	25.8	38.6

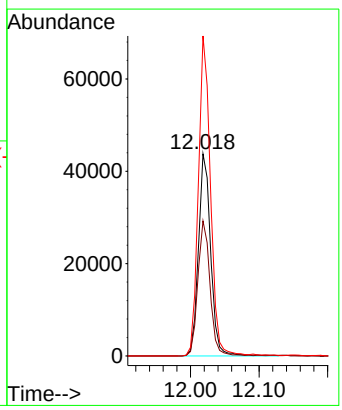




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046183.D
Acq: 14 May 2025 10:50

Tgt Ion:152 Resp: 54666

Ion	Ratio	Lower	Upper
152	100		
115	66.4	46.9	140.7
150	156.1	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046183.D
Acq On : 14 May 2025 10:50
Operator : JC/MD
Sample : VX0514WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046183.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	22	26	35	rBV2	8812	16550	3.60%	0.661%
2	1.581	70	81	82	rBV4	4596	10548	2.29%	0.421%
3	1.611	84	86	88	rVB2	5780	5063	1.10%	0.202%
4	5.379	694	704	721	rBV	55690	167226	36.34%	6.678%
5	5.544	721	731	749	rVB3	76438	222483	48.34%	8.885%
6	5.946	788	797	811	rBV	63312	172222	37.42%	6.878%
7	6.757	920	930	945	rBV	139913	337823	73.40%	13.491%
8	8.647	1234	1240	1256	rBV	286218	460221	100.00%	18.379%
9	10.049	1465	1470	1491	rBV	301357	423282	91.97%	16.904%
10	11.079	1634	1639	1652	rBV	243880	316192	68.70%	12.627%
11	12.018	1788	1793	1804	rBV	305205	372457	80.93%	14.874%

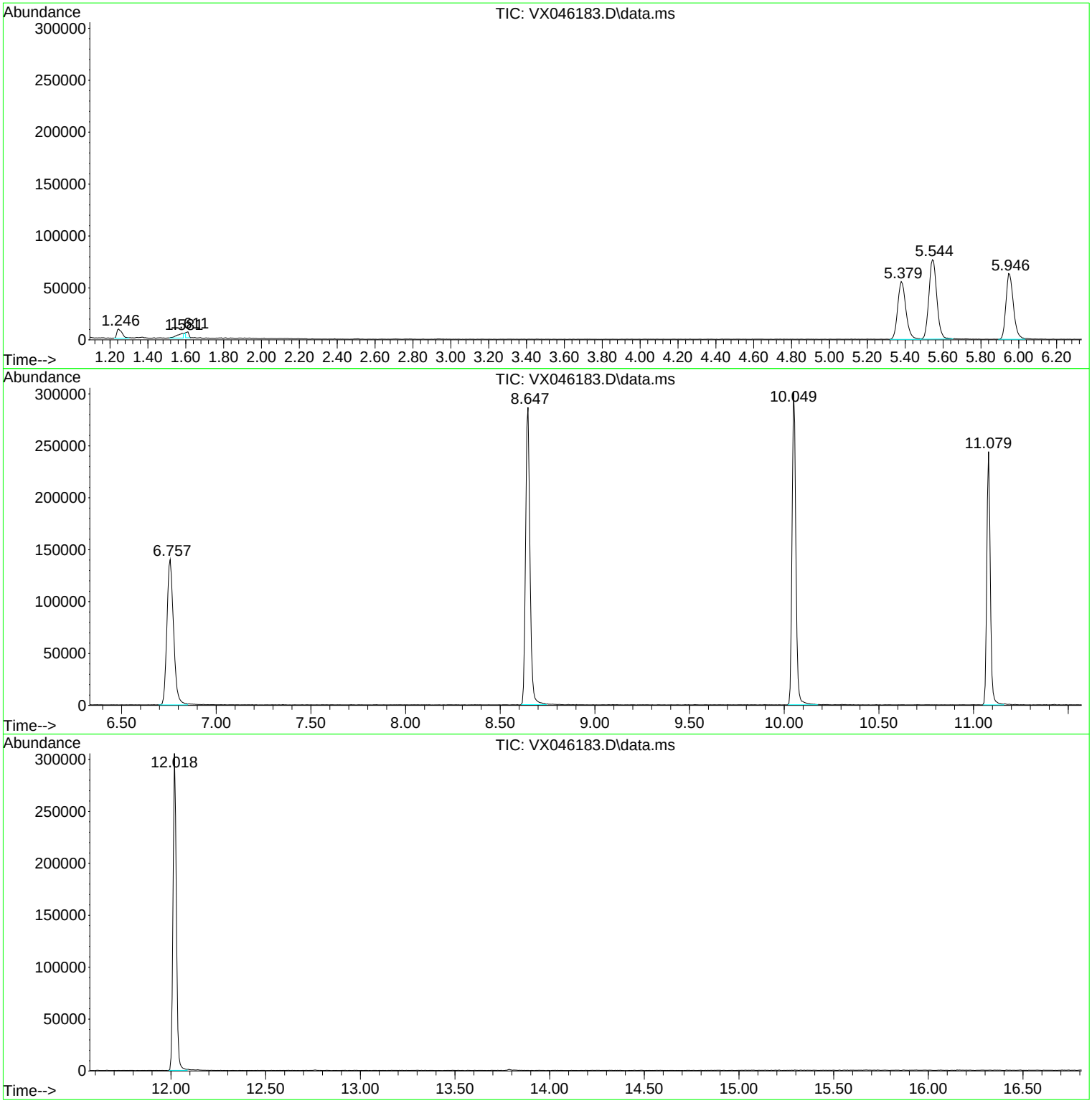
Sum of corrected areas: 2504067

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046183.D
Acq On : 14 May 2025 10:50
Operator : JC/MD
Sample : VX0514WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046183.D
Acq On : 14 May 2025 10:50
Operator : JC/MD
Sample : VX0514WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX051425\
Data File : VX046183.D
Acq On : 14 May 2025 10:50
Operator : JC/MD
Sample : VX0514WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046202.D
Acq On : 15 May 2025 10:38
Operator : JC/MD
Sample : VX0515WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Quant Time: May 16 01:01:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	65765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66447	54.195	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.400%			
35) Dibromofluoromethane	5.379	113	48539	51.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	8.647	98	163643	50.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.320%			
62) 4-Bromofluorobenzene	11.079	95	61253	48.946	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.900%			

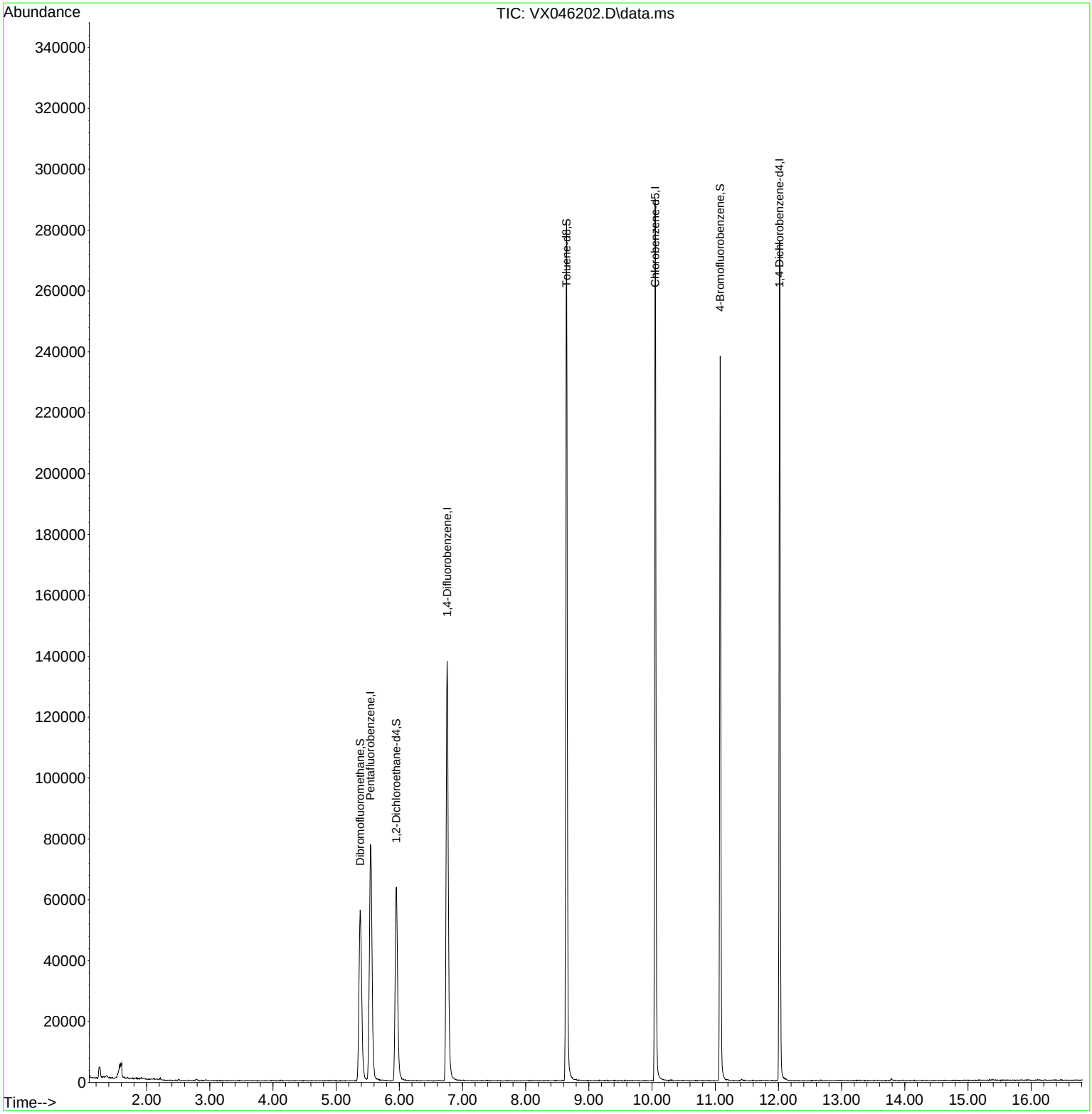
Target Compounds Qvalue

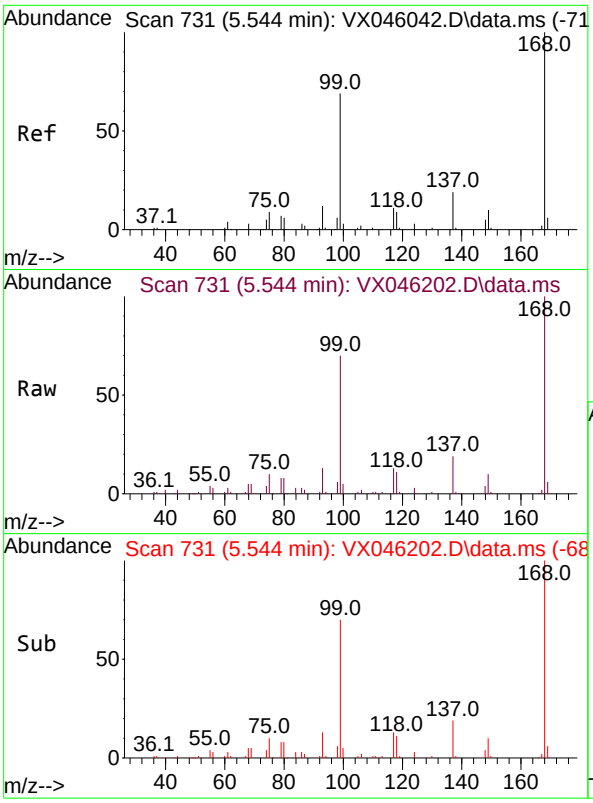
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046202.D
Acq On : 15 May 2025 10:38
Operator : JC/MD
Sample : VX0515WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Quant Time: May 16 01:01:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



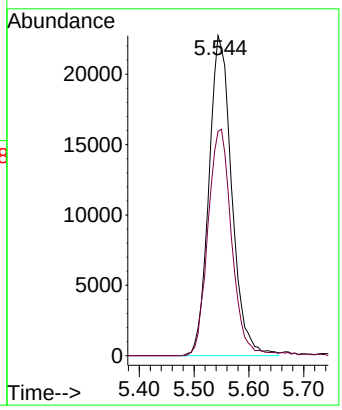


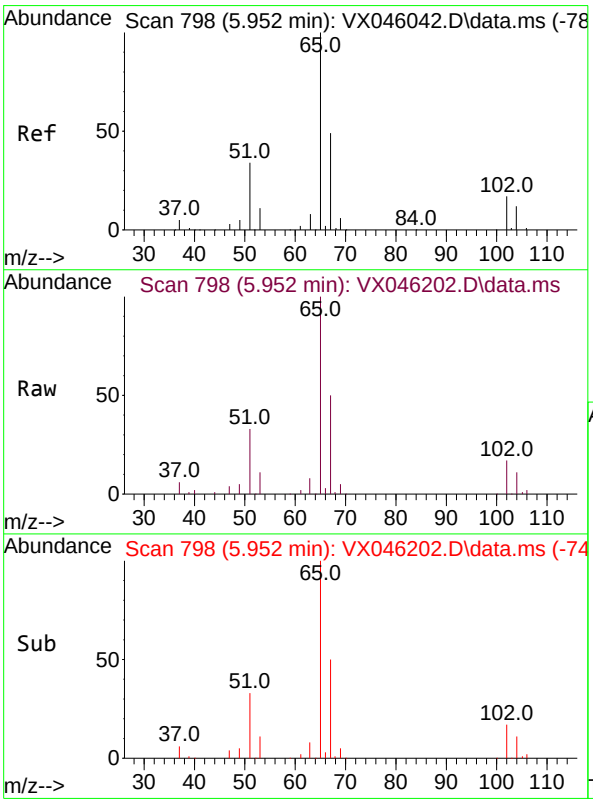
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Tgt Ion:168 Resp: 65765

Ion	Ratio	Lower	Upper
168	100		
99	70.1	54.9	82.3

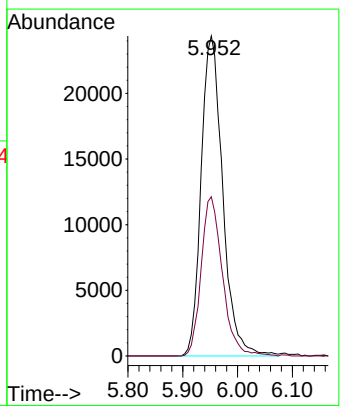


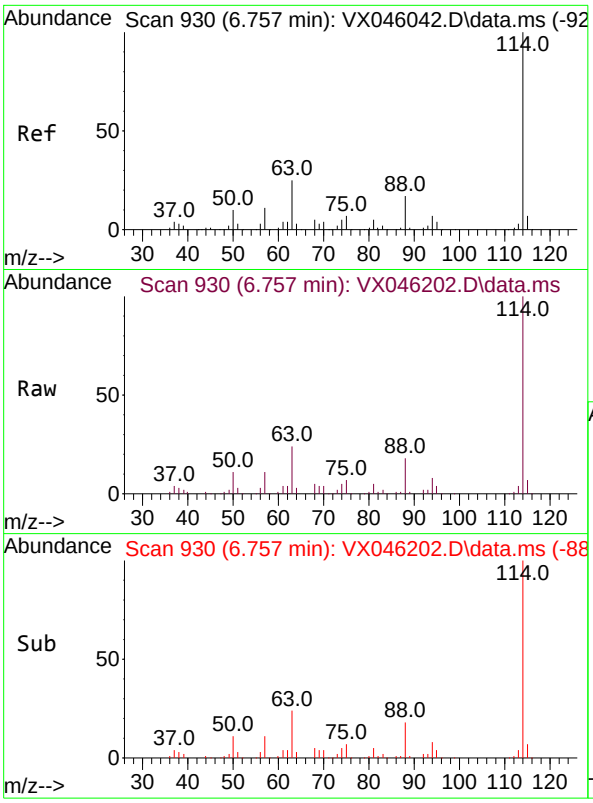


#33
1,2-Dichloroethane-d4
Concen: 54.195 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion: 65 Resp: 66447

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	99.0



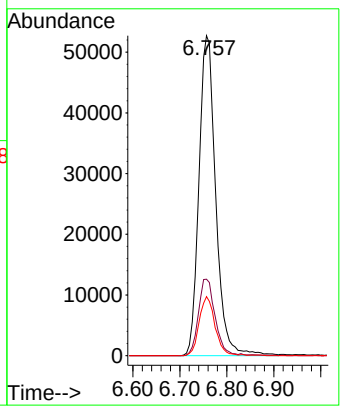


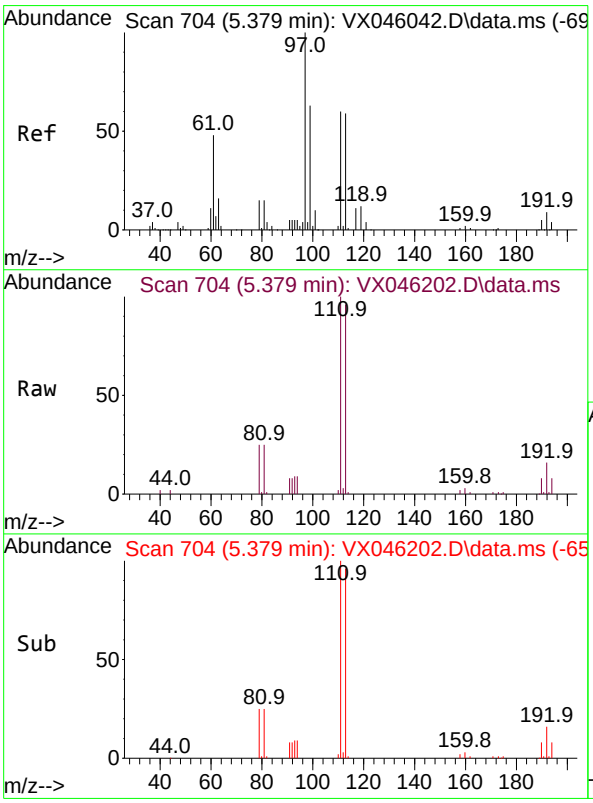
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Tgt Ion:114 Resp: 130899

Ion	Ratio	Lower	Upper
114	100		
63	23.9	0.0	49.2
88	18.5	0.0	33.6

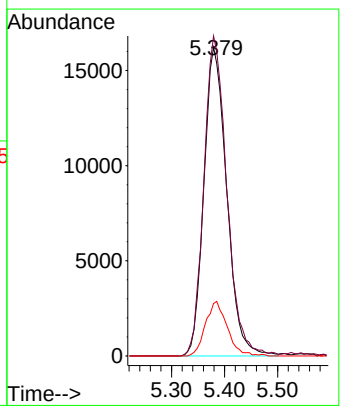


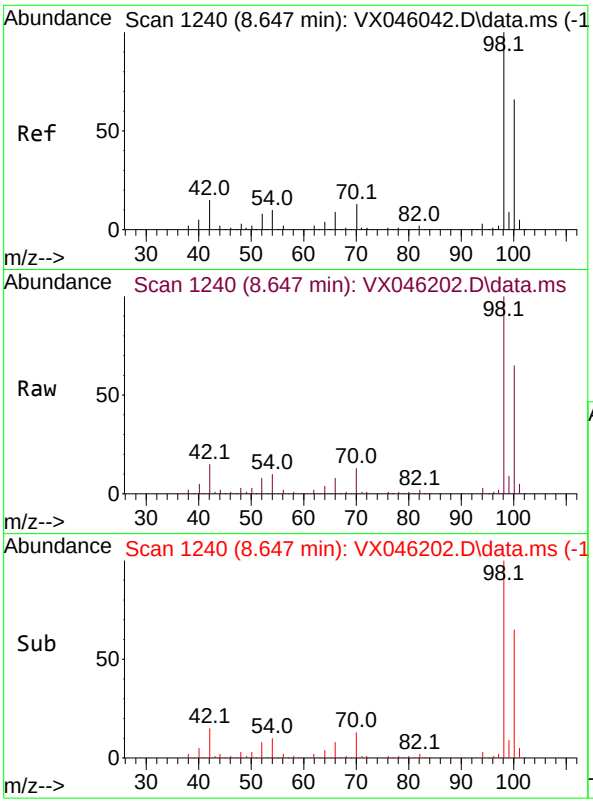


#35
Dibromofluoromethane
Concen: 51.494 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion:113 Resp: 48539

Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.1	124.7
192	16.9	13.3	19.9



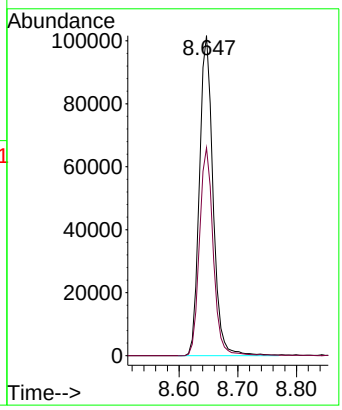


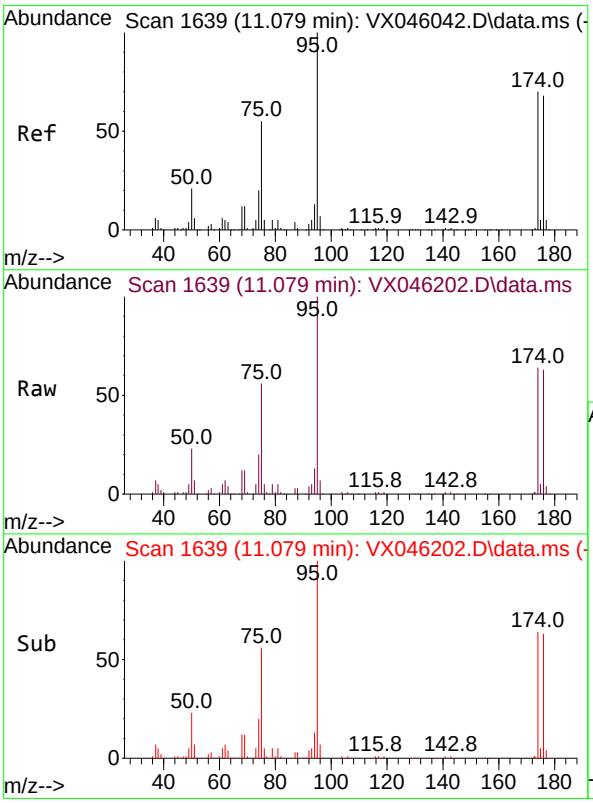
#50
Toluene-d8
Concen: 50.159 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Tgt Ion: 98 Resp: 163643

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3

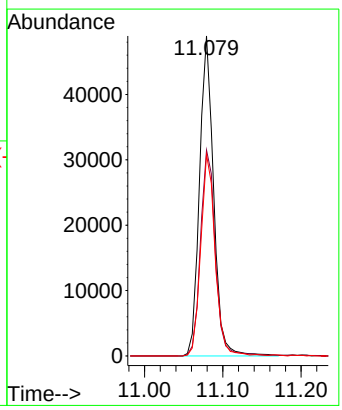


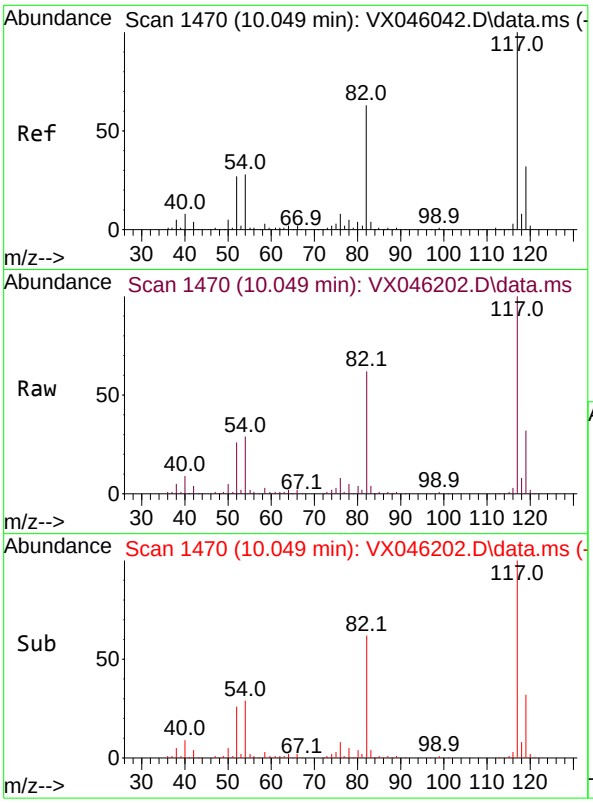


#62
4-Bromofluorobenzene
Concen: 48.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion: 95 Resp: 61253

Ion	Ratio	Lower	Upper
95	100		
174	67.4	0.0	135.8
176	64.1	0.0	131.4



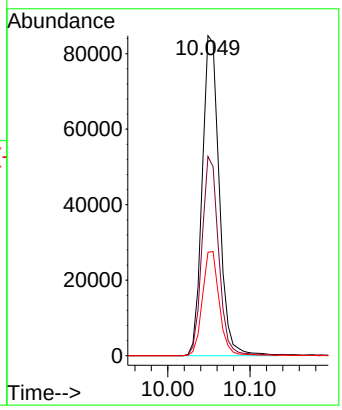


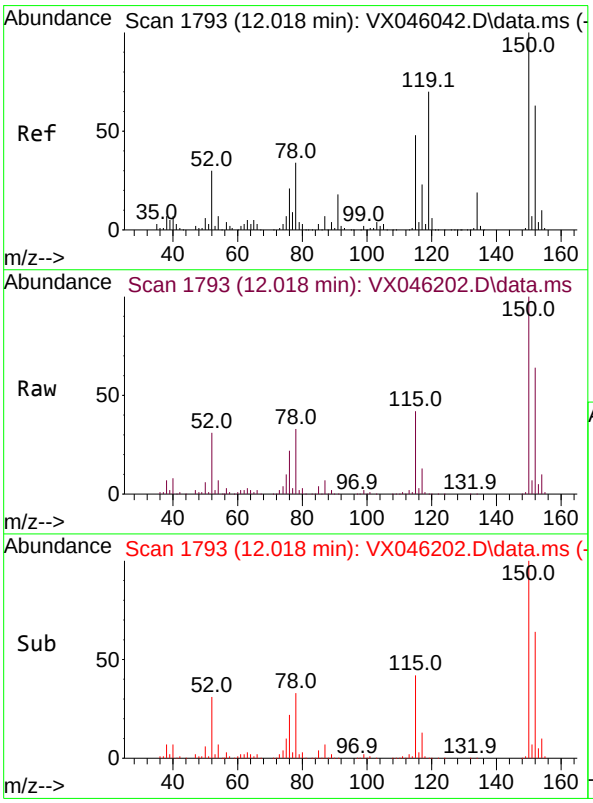
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Tgt Ion:117 Resp: 122283

Ion	Ratio	Lower	Upper
117	100		
82	62.2	50.6	76.0
119	32.3	25.8	38.6

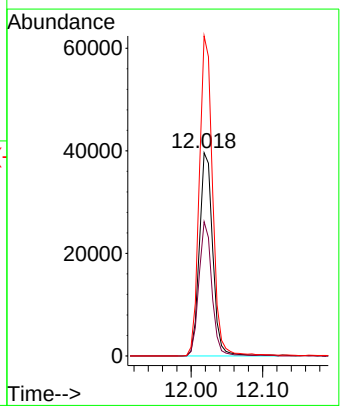




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046202.D
Acq: 15 May 2025 10:38

Tgt Ion:152 Resp: 51360

Ion	Ratio	Lower	Upper
152	100		
115	64.0	46.9	140.7
150	156.8	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046202.D
Acq On : 15 May 2025 10:38
Operator : JC/MD
Sample : VX0515WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

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\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	22	28	32	rBV3	3887	7826	1.71%	0.322%
2	1.605	72	85	88	rBV6	4606	14421	3.16%	0.593%
3	5.379	694	704	721	rBV	56197	167022	36.56%	6.864%
4	5.544	722	731	746	rVB2	77181	220814	48.34%	9.074%
5	5.952	789	798	812	rBV	63570	172497	37.76%	7.089%
6	6.757	921	930	948	rBV	137969	334499	73.22%	13.746%
7	8.647	1234	1240	1253	rBV	282551	456813	100.00%	18.772%
8	10.049	1465	1470	1484	rBV	289741	413059	90.42%	16.974%
9	11.079	1634	1639	1652	rBV	238040	301740	66.05%	12.400%
10	12.018	1788	1793	1803	rBV	275656	344769	75.47%	14.168%

Sum of corrected areas: 2433460

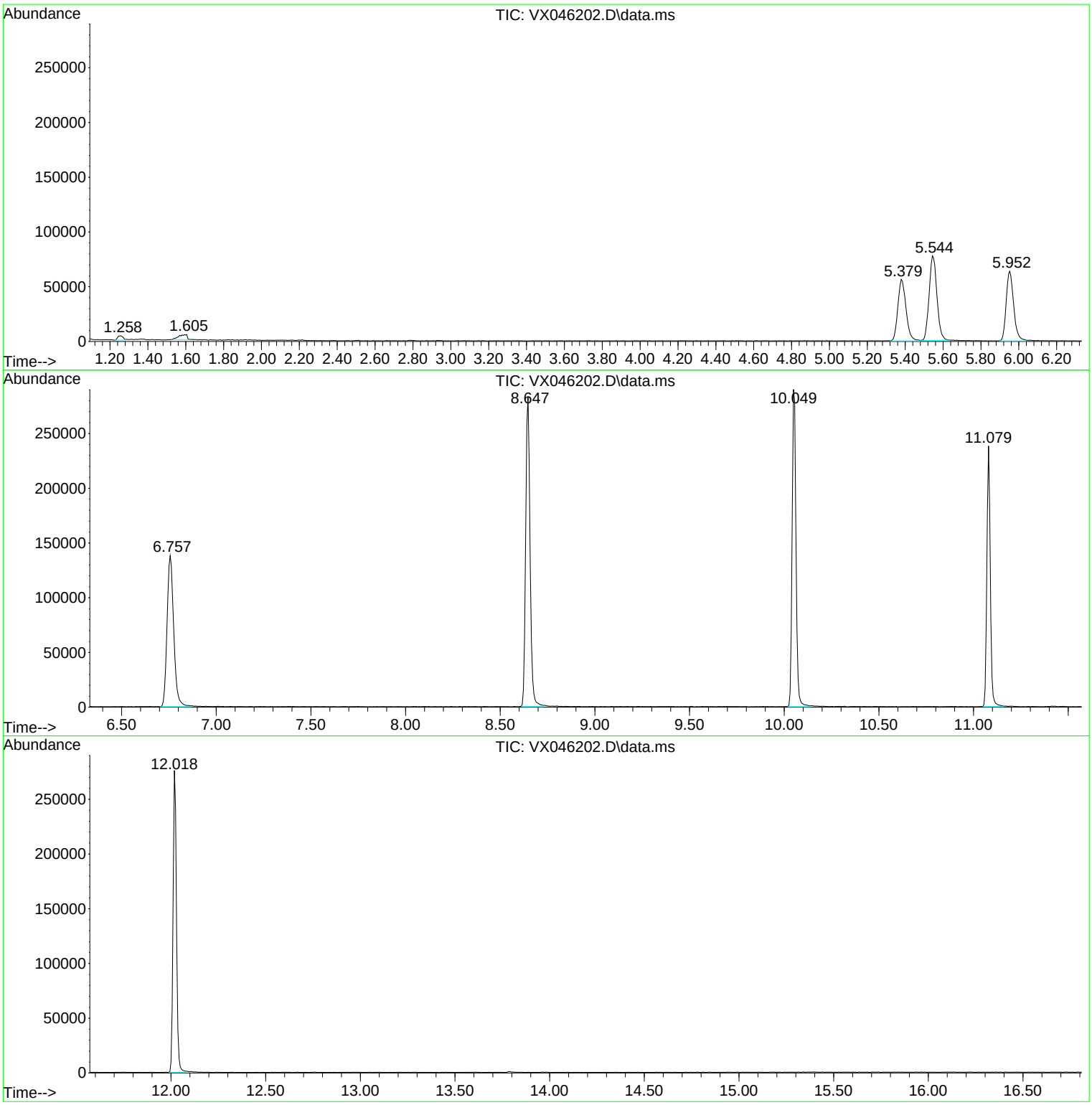
Sample Results: **VX046202.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046202.D
Acq On : 15 May 2025 10:38
Operator : JC/MD
Sample : VX0515WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046202.D
Acq On : 15 May 2025 10:38
Operator : JC/MD
Sample : VX0515WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.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\VX051525\
Data File : VX046202.D
Acq On : 15 May 2025 10:38
Operator : JC/MD
Sample : VX0515WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046158.D
Acq On : 13 May 2025 12:02
Operator : JC/MD
Sample : VX0513WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 14 01:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	89387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85824	51.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.000%			
35) Dibromofluoromethane	5.379	113	58619	50.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	8.647	98	200032	49.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	11.079	95	75677	49.293	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.580%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27952	20.431	ug/l	99
3) Chloromethane	1.307	50	26480	19.959	ug/l	96
4) Vinyl Chloride	1.374	62	23484	19.019	ug/l	93
5) Bromomethane	1.593	94	10955	19.128	ug/l	94
6) Chloroethane	1.672	64	13846	21.005	ug/l	94
7) Trichlorofluoromethane	1.874	101	36765	20.146	ug/l	99
8) Diethyl Ether	2.136	74	12331	19.849	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	23297	20.629	ug/l	98
10) Methyl Iodide	2.447	142	24059	18.004	ug/l	100
11) Tert butyl alcohol	2.971	59	23811	101.791	ug/l	99
12) 1,1-Dichloroethene	2.313	96	20042	18.909	ug/l	93
13) Acrolein	2.233	56	34142	128.161	ug/l	96
14) Allyl chloride	2.654	41	40337	19.913	ug/l	96
15) Acrylonitrile	3.062	53	68205	101.969	ug/l	97
16) Acetone	2.386	43	66592	99.663	ug/l	98
17) Carbon Disulfide	2.502	76	44106	17.552	ug/l	99
18) Methyl Acetate	2.703	43	33890	21.857	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	73956	19.902	ug/l	98
20) Methylene Chloride	2.782	84	24173	18.879	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20886	19.595	ug/l	99
22) Diisopropyl ether	3.757	45	80410	20.550	ug/l	91
23) Vinyl Acetate	3.721	43	342791	99.605	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45109	20.698	ug/l	99
25) 2-Butanone	4.556	43	99596	102.672	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31303	18.351	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	25631	19.975	ug/l	99
28) Bromochloromethane	4.891	49	24130	23.002	ug/l	98
29) Tetrahydrofuran	5.007	42	62866	103.423	ug/l	99
30) Chloroform	5.086	83	47728	21.011	ug/l	98
31) Cyclohexane	5.464	56	38655	19.464	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	39722	20.172	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29635	19.074	ug/l	99
37) Ethyl Acetate	4.721	43	38117	19.857	ug/l	98
38) Carbon Tetrachloride	5.666	117	33949	19.447	ug/l	99
39) Methylcyclohexane	7.379	83	36172	18.083	ug/l	99
40) Benzene	6.038	78	90872	19.968	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046158.D
Acq On : 13 May 2025 12:02
Operator : JC/MD
Sample : VX0513WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 14 01:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21351	21.262	ug/l		99
42) 1,2-Dichloroethane	6.086	62	39742	20.234	ug/l		100
43) Isopropyl Acetate	6.342	43	56227	19.200	ug/l		100
44) Trichloroethene	7.123	130	20762	18.955	ug/l		99
45) 1,2-Dichloropropane	7.428	63	22765	20.117	ug/l		98
46) Dibromomethane	7.580	93	17712	19.845	ug/l		99
47) Bromodichloromethane	7.818	83	35560	20.229	ug/l		100
48) Methyl methacrylate	7.690	41	29941	20.019	ug/l		99
49) 1,4-Dioxane	7.659	88	11975	421.693	ug/l		95
51) 4-Methyl-2-Pentanone	8.574	43	193351	99.466	ug/l		99
52) Toluene	8.714	92	55198	19.780	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	29751	19.041	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	33119	19.178	ug/l		99
55) 1,1,2-Trichloroethane	9.147	97	22155	20.135	ug/l		98
56) Ethyl methacrylate	9.116	69	35859	20.448	ug/l		97
57) 1,3-Dichloropropane	9.305	76	39143	19.808	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	94573	105.779	ug/l		100
59) 2-Hexanone	9.427	43	147202	102.355	ug/l		100
60) Dibromochloromethane	9.519	129	24008	19.867	ug/l		100
61) 1,2-Dibromoethane	9.604	107	22444	19.625	ug/l		98
64) Tetrachloroethene	9.269	164	19937	20.132	ug/l		96
65) Chlorobenzene	10.079	112	60473	19.740	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20391	19.493	ug/l		99
67) Ethyl Benzene	10.189	91	105309	19.502	ug/l		99
68) m/p-Xylenes	10.299	106	76744	38.857	ug/l		98
69) o-Xylene	10.640	106	37747	19.604	ug/l		94
70) Styrene	10.653	104	63297	20.068	ug/l		98
71) Bromoform	10.799	173	15044	19.155	ug/l	#	97
73) Isopropylbenzene	10.957	105	102305	20.447	ug/l		100
74) N-amyl acetate	10.842	43	48907	19.781	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35099	20.018	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30566m	19.759	ug/l		
77) Bromobenzene	11.195	156	22767	19.599	ug/l		98
78) n-propylbenzene	11.299	91	115599	19.870	ug/l		99
79) 2-Chlorotoluene	11.360	91	75050	20.000	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	86702	20.742	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8058	16.959	ug/l		89
82) 4-Chlorotoluene	11.451	91	83255	20.007	ug/l		99
83) tert-Butylbenzene	11.713	119	83637	19.864	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	87926	20.771	ug/l		100
85) sec-Butylbenzene	11.890	105	104073	20.131	ug/l		100
86) p-Isopropyltoluene	12.006	119	86044	20.164	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	41868	19.749	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	42098	19.444	ug/l		97
89) n-Butylbenzene	12.329	91	71304	19.049	ug/l		99
90) Hexachloroethane	12.536	117	14801	19.688	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	43655	20.520	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7903	20.346	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	22708	18.584	ug/l		99
94) Hexachlorobutadiene	13.725	225	10428	19.541	ug/l		98
95) Naphthalene	13.774	128	83959	18.735	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23788	18.868	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046158.D
Acq On : 13 May 2025 12:02
Operator : JC/MD
Sample : VX0513WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 14 01:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

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

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

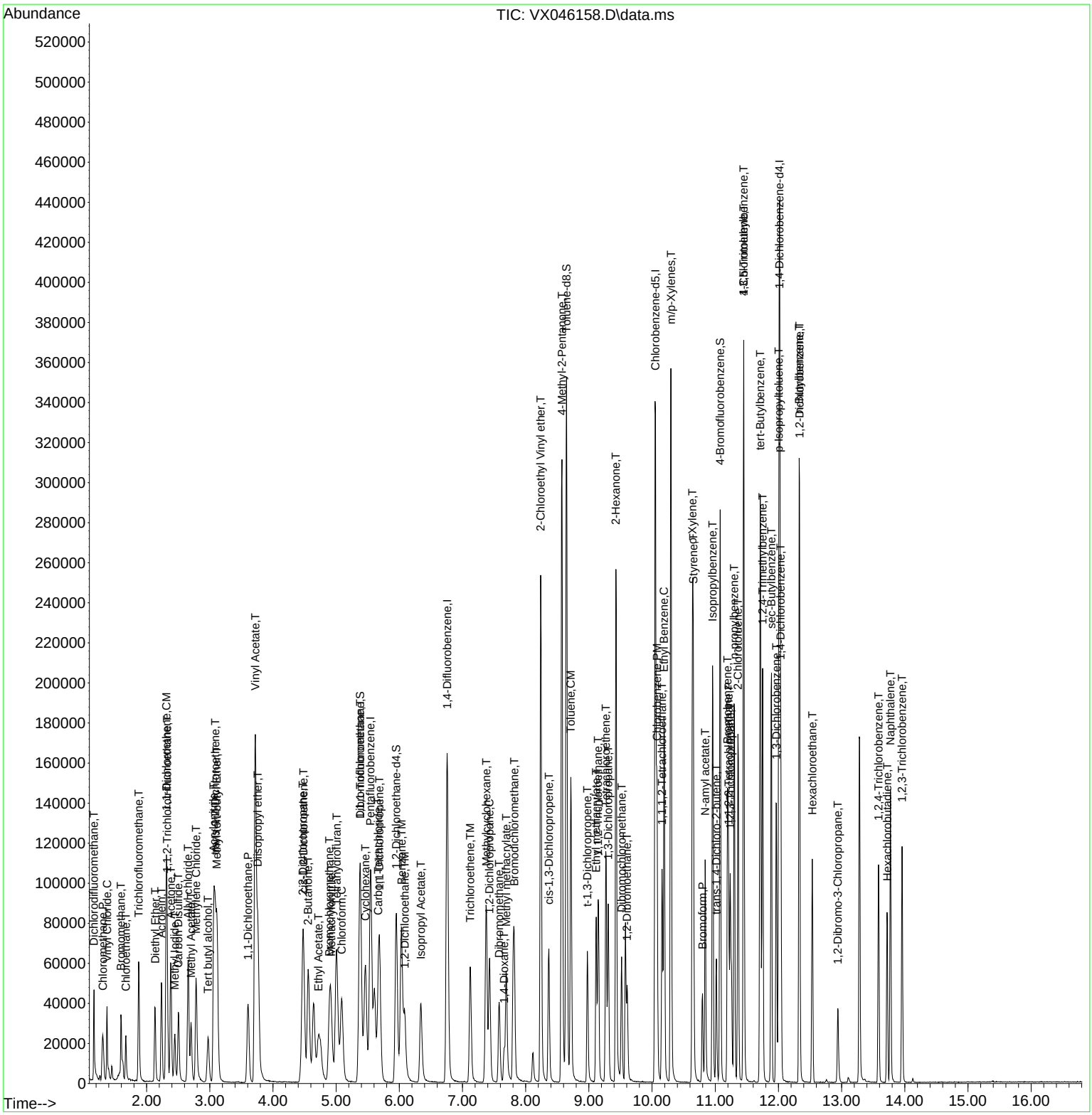
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046158.D
Acq On : 13 May 2025 12:02
Operator : JC/MD
Sample : VX0513WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: May 14 01:36:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046188.D
Acq On : 14 May 2025 12:46
Operator : JC/MD
Sample : VX0514WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 15 01:20:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	87880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	155746	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63286	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85335	52.085	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.180%			
35) Dibromofluoromethane	5.385	113	57455	51.229	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.460%			
50) Toluene-d8	8.647	98	199212	51.320	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.640%			
62) 4-Bromofluorobenzene	11.079	95	74687	50.159	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.320%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26995	20.070	ug/l	100
3) Chloromethane	1.307	50	25169	19.296	ug/l	99
4) Vinyl Chloride	1.374	62	22810	18.790	ug/l	97
5) Bromomethane	1.599	94	10194	18.105	ug/l	97
6) Chloroethane	1.672	64	13982	21.575	ug/l	94
7) Trichlorofluoromethane	1.880	101	36109	20.126	ug/l	97
8) Diethyl Ether	2.136	74	12284	20.113	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	21842	19.672	ug/l	98
10) Methyl Iodide	2.447	142	21998	16.744	ug/l	100
11) Tert butyl alcohol	2.971	59	23307	101.345	ug/l	100
12) 1,1-Dichloroethene	2.312	96	19697	18.902	ug/l	98
13) Acrolein	2.233	56	26796	102.311	ug/l	98
14) Allyl chloride	2.660	41	38866	19.516	ug/l	98
15) Acrylonitrile	3.062	53	67508	102.658	ug/l	98
16) Acetone	2.379	43	65605	99.869	ug/l	100
17) Carbon Disulfide	2.507	76	41074	16.626	ug/l	99
18) Methyl Acetate	2.703	43	34574	22.681	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	71925	19.688	ug/l	98
20) Methylene Chloride	2.788	84	23524	18.687	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	19669	18.769	ug/l	99
22) Diisopropyl ether	3.763	45	76577	19.906	ug/l	97
23) Vinyl Acetate	3.721	43	330012	97.536	ug/l	99
24) 1,1-Dichloroethane	3.605	63	42800	19.975	ug/l	98
25) 2-Butanone	4.556	43	99939	104.792	ug/l	97
26) 2,2-Dichloropropane	4.471	77	29524	17.605	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24825	19.678	ug/l	99
28) Bromochloromethane	4.897	49	23678	22.958	ug/l	96
29) Tetrahydrofuran	5.007	42	62179	104.047	ug/l	99
30) Chloroform	5.092	83	46068	20.628	ug/l	98
31) Cyclohexane	5.458	56	37670	19.293	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	38635	19.957	ug/l	98
36) 1,1-Dichloropropene	5.690	75	28745	19.076	ug/l	99
37) Ethyl Acetate	4.721	43	35215	18.915	ug/l	99
38) Carbon Tetrachloride	5.672	117	32596	19.252	ug/l	97
39) Methylcyclohexane	7.379	83	34808	17.942	ug/l	98
40) Benzene	6.031	78	87577	19.841	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046188.D
Acq On : 14 May 2025 12:46
Operator : JC/MD
Sample : VX0514WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 15 01:20:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21111	21.676	ug/l		99
42) 1,2-Dichloroethane	6.080	62	38323	20.117	ug/l		100
43) Isopropyl Acetate	6.342	43	56154	19.771	ug/l		100
44) Trichloroethene	7.123	130	20027	18.852	ug/l		96
45) 1,2-Dichloropropane	7.427	63	22439	20.445	ug/l		98
46) Dibromomethane	7.580	93	17173	19.839	ug/l		100
47) Bromodichloromethane	7.818	83	33688	19.759	ug/l		97
48) Methyl methacrylate	7.689	41	28733	19.809	ug/l		99
49) 1,4-Dioxane	7.659	88	12597	457.379	ug/l		99
51) 4-Methyl-2-Pentanone	8.573	43	195785	103.848	ug/l		98
52) Toluene	8.714	92	52893	19.543	ug/l		96
53) t-1,3-Dichloropropene	8.976	75	27932	18.432	ug/l		99
54) cis-1,3-Dichloropropene	8.366	75	31770	18.968	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	21999	20.614	ug/l		95
56) Ethyl methacrylate	9.116	69	33817	19.882	ug/l		99
57) 1,3-Dichloropropane	9.305	76	37857	19.752	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	90312	104.151	ug/l		100
59) 2-Hexanone	9.427	43	144738	103.768	ug/l		98
60) Dibromochloromethane	9.518	129	23073	19.687	ug/l		99
61) 1,2-Dibromoethane	9.610	107	22060	19.889	ug/l		97
64) Tetrachloroethene	9.268	164	18113	18.518	ug/l		95
65) Chlorobenzene	10.079	112	57364	18.958	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20101	19.455	ug/l		99
67) Ethyl Benzene	10.195	91	103376	19.381	ug/l		99
68) m/p-Xylenes	10.299	106	76474	39.202	ug/l		100
69) o-Xylene	10.640	106	37066	19.490	ug/l		97
70) Styrene	10.652	104	62259	19.984	ug/l		99
71) Bromoform	10.799	173	14407	18.572	ug/l	#	98
73) Isopropylbenzene	10.957	105	100059	20.308	ug/l		100
74) N-amyl acetate	10.841	43	47294	19.425	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	34952	20.243	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	29943m	19.656	ug/l		
77) Bromobenzene	11.195	156	22192	19.401	ug/l		99
78) n-propylbenzene	11.299	91	112157	19.578	ug/l		99
79) 2-Chlorotoluene	11.360	91	72402	19.594	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	83635	20.319	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	7362	15.734	ug/l		89
82) 4-Chlorotoluene	11.451	91	83144	20.290	ug/l		98
83) tert-Butylbenzene	11.713	119	82342	19.860	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	82697	19.839	ug/l		99
85) sec-Butylbenzene	11.890	105	100532	19.748	ug/l		99
86) p-Isopropyltoluene	12.006	119	82358	19.599	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	40253	19.282	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	40957	19.211	ug/l		97
89) n-Butylbenzene	12.329	91	68625	18.618	ug/l		100
90) Hexachloroethane	12.536	117	13714	18.525	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	41875	19.989	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7781	20.343	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	21623	17.971	ug/l		98
94) Hexachlorobutadiene	13.725	225	10135	19.287	ug/l		99
95) Naphthalene	13.774	128	81431	18.453	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23467	18.902	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046188.D
Acq On : 14 May 2025 12:46
Operator : JC/MD
Sample : VX0514WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 15 01:20:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025

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

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

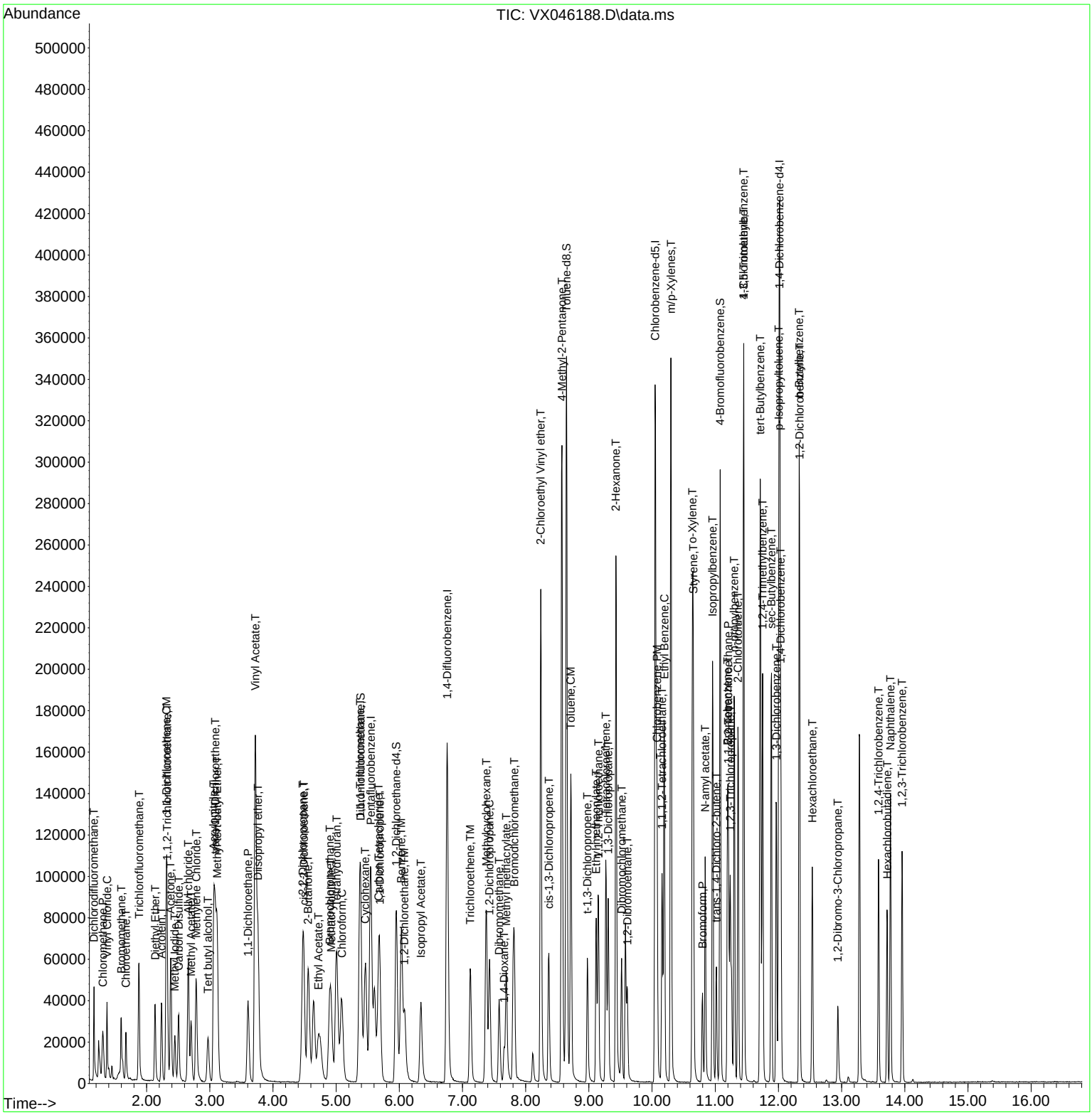
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051425\
Data File : VX046188.D
Acq On : 14 May 2025 12:46
Operator : JC/MD
Sample : VX0514WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 15 01:20:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0514WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/15/2025
Supervised By :Mahesh Dadoda 05/15/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046206.D
Acq On : 15 May 2025 12:11
Operator : JC/MD
Sample : VX0515WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 01:03:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	89041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	157824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65777	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84109	50.668	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.340%			
35) Dibromofluoromethane	5.379	113	56861	50.032	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.060%			
50) Toluene-d8	8.647	98	195401	49.675	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.360%			
62) 4-Bromofluorobenzene	11.079	95	73760	48.884	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.760%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	27470	20.157	ug/l	99
3) Chloromethane	1.307	50	25723	19.463	ug/l	96
4) Vinyl Chloride	1.374	62	23543	19.141	ug/l	97
5) Bromomethane	1.599	94	10767	18.873	ug/l	96
6) Chloroethane	1.672	64	14786	22.518	ug/l	100
7) Trichlorofluoromethane	1.880	101	37119	20.419	ug/l	97
8) Diethyl Ether	2.136	74	11989	19.374	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	22373	19.888	ug/l	98
10) Methyl Iodide	2.447	142	22577	16.961	ug/l	98
11) Tert butyl alcohol	2.971	59	23531	100.985	ug/l	99
12) 1,1-Dichloroethene	2.312	96	20102	19.040	ug/l	98
13) Acrolein	2.233	56	27834	104.889	ug/l	100
14) Allyl chloride	2.660	41	40941	20.290	ug/l	97
15) Acrylonitrile	3.062	53	69714	104.630	ug/l	98
16) Acetone	2.380	43	68020	102.196	ug/l	96
17) Carbon Disulfide	2.508	76	41692	16.656	ug/l	98
18) Methyl Acetate	2.703	43	35065	22.703	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	73662	19.900	ug/l	100
20) Methylene Chloride	2.788	84	24253	19.015	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	20717	19.512	ug/l	97
22) Diisopropyl ether	3.763	45	79562	20.412	ug/l	99
23) Vinyl Acetate	3.721	43	343271	100.132	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43853	20.200	ug/l	98
25) 2-Butanone	4.556	43	102563	106.141	ug/l	100
26) 2,2-Dichloropropane	4.471	77	31325	18.435	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	25770	20.161	ug/l	98
28) Bromochloromethane	4.897	49	23586	22.571	ug/l	100
29) Tetrahydrofuran	5.007	42	64418	106.388	ug/l	98
30) Chloroform	5.086	83	47424	20.958	ug/l	95
31) Cyclohexane	5.464	56	37793	19.104	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	39621	20.199	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29760	19.489	ug/l	99
37) Ethyl Acetate	4.715	43	34932	18.516	ug/l	99
38) Carbon Tetrachloride	5.678	117	33518	19.536	ug/l	99
39) Methylcyclohexane	7.373	83	36070	18.348	ug/l	99
40) Benzene	6.031	78	89803	20.078	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046206.D
Acq On : 15 May 2025 12:11
Operator : JC/MD
Sample : VX0515WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 01:03:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21586	21.872	ug/l		98
42) 1,2-Dichloroethane	6.086	62	39713	20.573	ug/l		99
43) Isopropyl Acetate	6.336	43	57206	19.876	ug/l		99
44) Trichloroethene	7.123	130	20736	19.262	ug/l		92
45) 1,2-Dichloropropane	7.427	63	23243	20.899	ug/l		97
46) Dibromomethane	7.580	93	17546	20.003	ug/l		99
47) Bromodichloromethane	7.818	83	35604	20.608	ug/l		98
48) Methyl methacrylate	7.696	41	30612	20.826	ug/l		98
49) 1,4-Dioxane	7.659	88	12334	441.933	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	203636	106.590	ug/l		98
52) Toluene	8.714	92	54833	19.993	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	28369	18.474	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	33050	19.473	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	22364	20.680	ug/l		99
56) Ethyl methacrylate	9.116	69	34197	19.841	ug/l		96
57) 1,3-Dichloropropane	9.305	76	40187	20.692	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	77611	88.326	ug/l		99
59) 2-Hexanone	9.427	43	152217	107.694	ug/l		99
60) Dibromochloromethane	9.519	129	24617	20.728	ug/l		100
61) 1,2-Dibromoethane	9.604	107	22982	20.447	ug/l		98
64) Tetrachloroethene	9.269	164	19195	19.467	ug/l		94
65) Chlorobenzene	10.079	112	59541	19.520	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	20659	19.834	ug/l		99
67) Ethyl Benzene	10.189	91	106589	19.824	ug/l		98
68) m/p-Xylenes	10.299	106	77543	39.431	ug/l		96
69) o-Xylene	10.640	106	38896	20.288	ug/l		99
70) Styrene	10.652	104	64413	20.510	ug/l		99
71) Bromoform	10.799	173	14962	19.133	ug/l	#	97
73) Isopropylbenzene	10.957	105	102905	20.095	ug/l		100
74) N-amyl acetate	10.841	43	49890	19.716	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	35452	19.755	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	31296m	19.767	ug/l		
77) Bromobenzene	11.195	156	23828	20.042	ug/l		99
78) n-propylbenzene	11.299	91	116803	19.617	ug/l		100
79) 2-Chlorotoluene	11.360	91	75590	19.682	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	87288	20.403	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8314	17.096	ug/l		90
82) 4-Chlorotoluene	11.451	91	85228	20.011	ug/l		99
83) tert-Butylbenzene	11.713	119	84725	19.661	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	87556	20.209	ug/l		98
85) sec-Butylbenzene	11.890	105	104859	19.818	ug/l		99
86) p-Isopropyltoluene	12.006	119	85808	19.647	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	42774	19.714	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	42819	19.324	ug/l		98
89) n-Butylbenzene	12.329	91	70768	18.472	ug/l		98
90) Hexachloroethane	12.536	117	15473	20.109	ug/l		96
91) 1,2-Dichlorobenzene	12.335	146	44184	20.293	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7925	19.934	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	22339	17.863	ug/l		98
94) Hexachlorobutadiene	13.725	225	10065	18.428	ug/l		97
95) Naphthalene	13.774	128	81743	17.822	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23429	18.157	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046206.D
Acq On : 15 May 2025 12:11
Operator : JC/MD
Sample : VX0515WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 01:03:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025

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

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

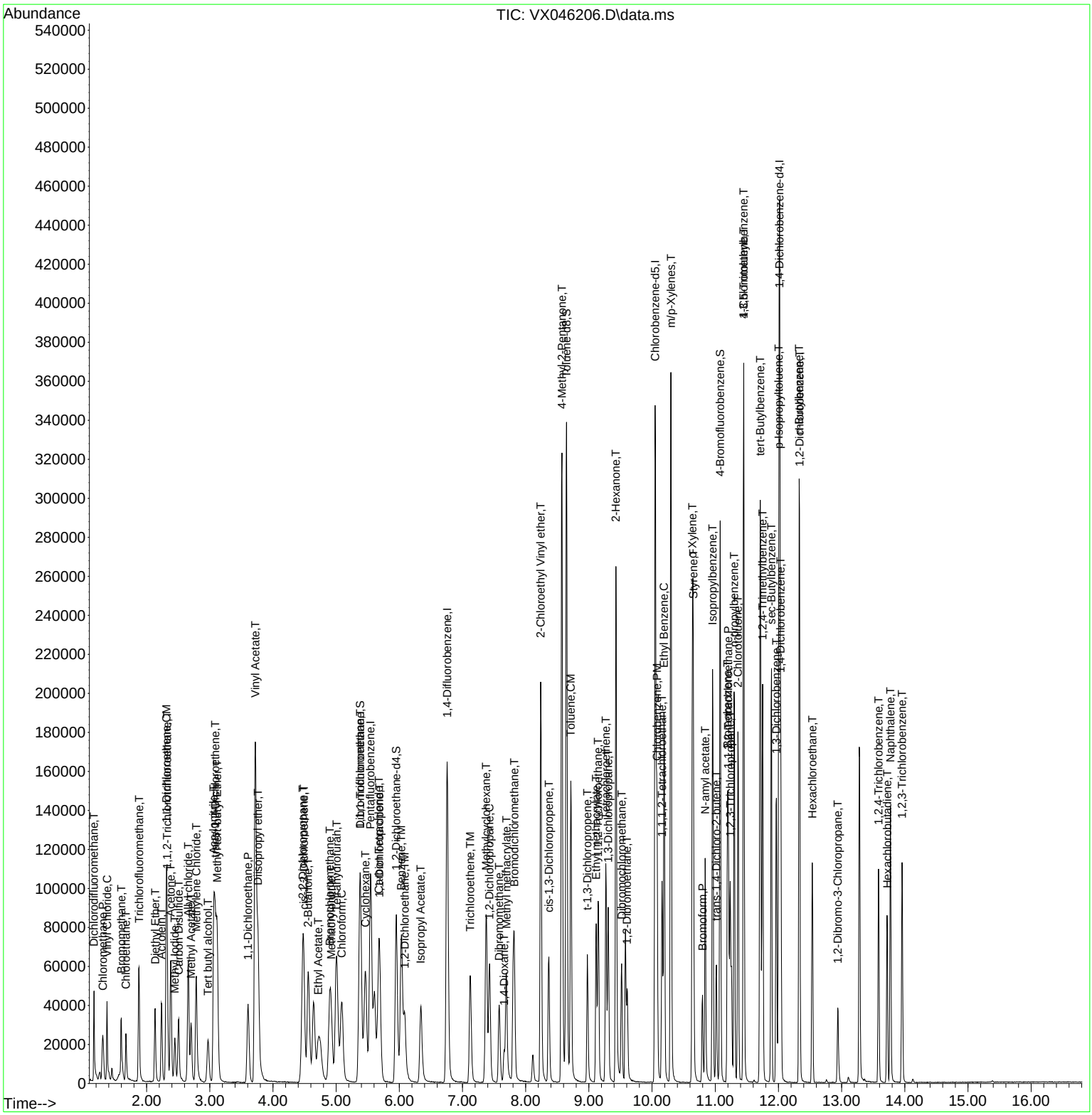
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046206.D
Acq On : 15 May 2025 12:11
Operator : JC/MD
Sample : VX0515WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 16 01:03:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0515WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2025
Supervised By :Mahesh Dadoda 05/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046159.D
Acq On : 13 May 2025 12:28
Operator : JC/MD
Sample : VX0513WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 14 01:37:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	85900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	148923	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62827	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83530	52.159	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.320%			
35) Dibromofluoromethane	5.379	113	55657	51.899	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.800%			
50) Toluene-d8	8.647	98	189645	51.093	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.180%			
62) 4-Bromofluorobenzene	11.079	95	71708	50.365	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	26333	20.029	ug/l	97
3) Chloromethane	1.307	50	24042	18.857	ug/l	100
4) Vinyl Chloride	1.374	62	21437	18.066	ug/l	95
5) Bromomethane	1.593	94	10258	18.638	ug/l	98
6) Chloroethane	1.673	64	12211	19.276	ug/l	98
7) Trichlorofluoromethane	1.874	101	34674	19.772	ug/l	97
8) Diethyl Ether	2.130	74	11281	18.896	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	21170	19.506	ug/l	97
10) Methyl Iodide	2.447	142	23145	18.023	ug/l	99
11) Tert butyl alcohol	2.971	59	23851	106.101	ug/l	97
12) 1,1-Dichloroethene	2.313	96	19116	18.768	ug/l	94
13) Acrolein	2.233	56	32527	127.055	ug/l	99
14) Allyl chloride	2.660	41	38833	19.949	ug/l	95
15) Acrylonitrile	3.063	53	67894	105.624	ug/l	98
16) Acetone	2.380	43	64723	100.798	ug/l	99
17) Carbon Disulfide	2.502	76	41110	17.024	ug/l	99
18) Methyl Acetate	2.703	43	34029	22.838	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	72402	20.275	ug/l	98
20) Methylene Chloride	2.782	84	23309	18.943	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	19707	19.239	ug/l	99
22) Diisopropyl ether	3.757	45	77790	20.687	ug/l	96
23) Vinyl Acetate	3.721	43	337558	102.066	ug/l	100
24) 1,1-Dichloroethane	3.605	63	41906	20.009	ug/l	97
25) 2-Butanone	4.556	43	98733	105.914	ug/l	99
26) 2,2-Dichloropropane	4.471	77	29241	17.838	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24645	19.986	ug/l	95
28) Bromochloromethane	4.891	49	22737	22.554	ug/l	99
29) Tetrahydrofuran	5.001	42	61576	105.413	ug/l	99
30) Chloroform	5.087	83	44545	20.406	ug/l	100
31) Cyclohexane	5.465	56	35538	18.621	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	36768	19.430	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27449	19.050	ug/l	100
37) Ethyl Acetate	4.715	43	34602	19.437	ug/l	99
38) Carbon Tetrachloride	5.672	117	32251	19.921	ug/l	99
39) Methylcyclohexane	7.373	83	34728	18.721	ug/l	100
40) Benzene	6.031	78	83414	19.764	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046159.D
Acq On : 13 May 2025 12:28
Operator : JC/MD
Sample : VX0513WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 14 01:37:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	20127	21.613	ug/l		98
42) 1,2-Dichloroethane	6.086	62	37930	20.823	ug/l		99
43) Isopropyl Acetate	6.336	43	57246	21.079	ug/l		99
44) Trichloroethene	7.123	130	20302	19.986	ug/l		96
45) 1,2-Dichloropropane	7.428	63	21721	20.698	ug/l		96
46) Dibromomethane	7.574	93	16962	20.493	ug/l		99
47) Bromodichloromethane	7.818	83	34070	20.899	ug/l		98
48) Methyl methacrylate	7.690	41	29406	21.201	ug/l		100
49) 1,4-Dioxane	7.659	88	12374	469.866	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	197185	109.382	ug/l		97
52) Toluene	8.714	92	51663	19.963	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	28906	19.949	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	32044	20.008	ug/l		94
55) 1,1,2-Trichloroethane	9.147	97	22162	21.718	ug/l		97
56) Ethyl methacrylate	9.116	69	33264	20.453	ug/l		98
57) 1,3-Dichloropropane	9.305	76	37593	20.513	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	97562	117.667	ug/l		99
59) 2-Hexanone	9.427	43	145866	109.368	ug/l		100
60) Dibromochloromethane	9.519	129	23819	21.254	ug/l		98
61) 1,2-Dibromoethane	9.604	107	22449	21.167	ug/l		98
64) Tetrachloroethene	9.269	164	18495	19.655	ug/l		96
65) Chlorobenzene	10.073	112	55958	19.223	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19893	20.013	ug/l		99
67) Ethyl Benzene	10.189	91	100095	19.507	ug/l		99
68) m/p-Xylenes	10.299	106	73737	39.291	ug/l		98
69) o-Xylene	10.640	106	36239	19.807	ug/l		94
70) Styrene	10.653	104	61258	20.439	ug/l		100
71) Bromoform	10.799	173	14006	18.768	ug/l	#	93
73) Isopropylbenzene	10.957	105	97798	19.994	ug/l		98
74) N-amyl acetate	10.842	43	47972	19.848	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	34938	20.383	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	30000m	19.838	ug/l		
77) Bromobenzene	11.195	156	22489	19.804	ug/l		97
78) n-propylbenzene	11.299	91	111007	19.518	ug/l		99
79) 2-Chlorotoluene	11.360	91	71888	19.597	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	82240	20.126	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	7887	16.979	ug/l		90
82) 4-Chlorotoluene	11.451	91	80816	19.866	ug/l		100
83) tert-Butylbenzene	11.713	119	81357	19.766	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	82574	19.954	ug/l		99
85) sec-Butylbenzene	11.890	105	100674	19.920	ug/l		99
86) p-Isopropyltoluene	12.006	119	81909	19.635	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	41082	19.823	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	41194	19.463	ug/l		97
89) n-Butylbenzene	12.329	91	69953	19.117	ug/l		99
90) Hexachloroethane	12.536	117	13872	18.875	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	41720	20.061	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7859	20.697	ug/l		97
93) 1,2,4-Trichlorobenzene	13.585	180	22710	19.012	ug/l		99
94) Hexachlorobutadiene	13.719	225	10037	19.240	ug/l		97
95) Naphthalene	13.774	128	83339	19.023	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	23424	19.005	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046159.D
Acq On : 13 May 2025 12:28
Operator : JC/MD
Sample : VX0513WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 14 01:37:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

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

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

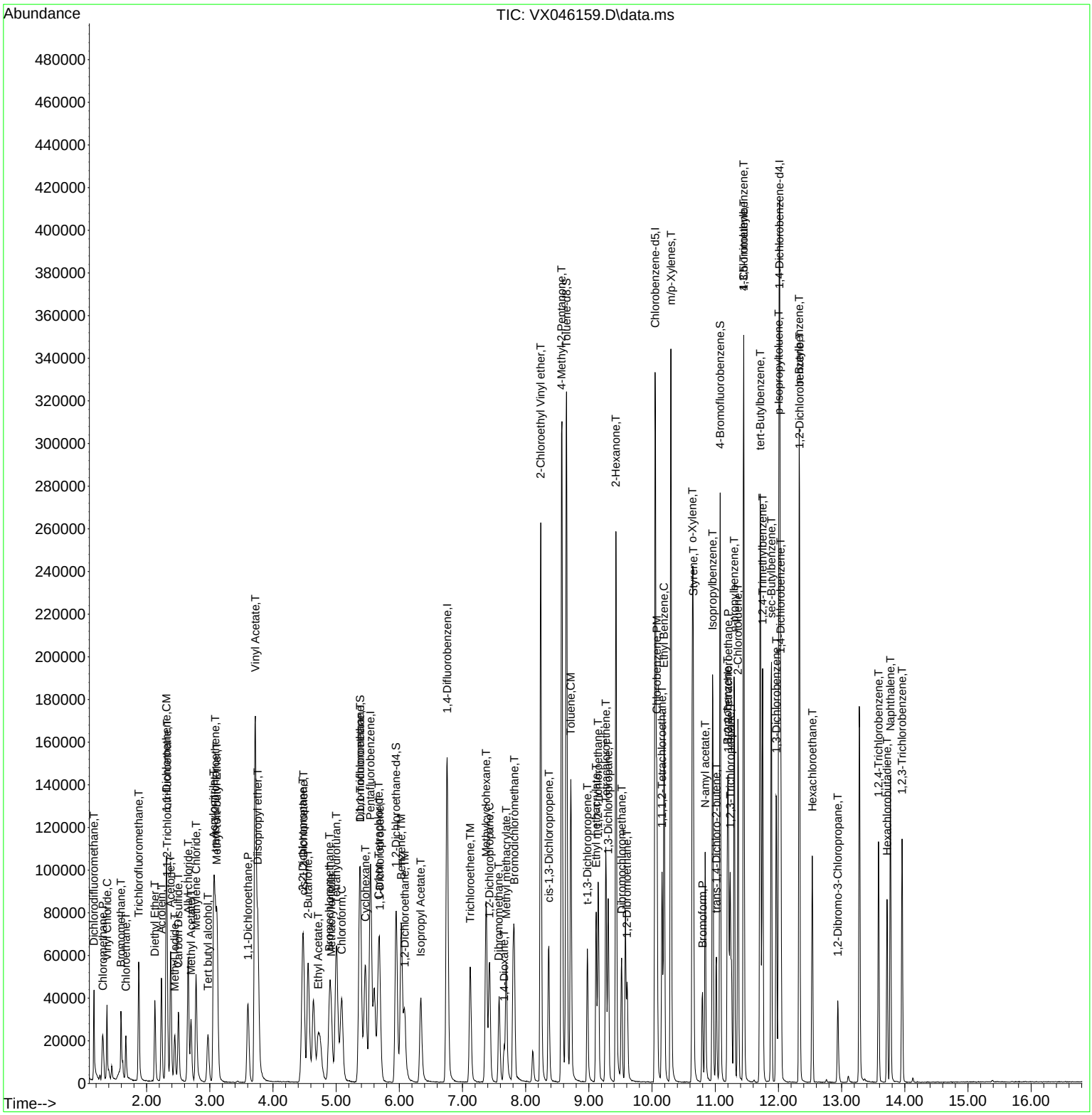
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
Data File : VX046159.D
Acq On : 13 May 2025 12:28
Operator : JC/MD
Sample : VX0513WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 14 01:37:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0513WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



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Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VX046041.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:13 AM	MMDadoda	5/6/2025 12:42:46 PM	Peak Integrated by Software
VSTDICCC050	VX046042.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:18 AM	MMDadoda	5/6/2025 12:42:48 PM	Peak Integrated by Software
VSTDICC100	VX046043.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:22 AM	MMDadoda	5/6/2025 12:42:50 PM	Peak Integrated by Software
VSTDICC150	VX046044.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:27 AM	MMDadoda	5/6/2025 12:42:53 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	Ethyl Acetate	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,4-Dichlorobenzene	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Bromochloromethane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Ethyl Acetate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Methyl methacrylate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICV050	VX046048.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:45 AM	MMDadoda	5/6/2025 12:41:37 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	VX051325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046153.D	1,2,3-Trichloropropane	JOHN	5/14/2025 9:49:44 AM	MMDadoda	5/14/2025 12:35:41 PM	Peak Integrated by Software
VX0513WBS01	VX046158.D	1,2,3-Trichloropropane	JOHN	5/14/2025 9:49:49 AM	MMDadoda	5/14/2025 12:35:43 PM	Peak Integrated by Software
VX0513WBSD01	VX046159.D	1,2,3-Trichloropropane	JOHN	5/14/2025 9:49:53 AM	MMDadoda	5/14/2025 12:35:44 PM	Peak Integrated by Software
VSTDCCC050	VX046179.D	1,2,3-Trichloropropane	JOHN	5/14/2025 9:50:11 AM	MMDadoda	5/14/2025 12:35:46 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX051425	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046181.D	1,2,3-Trichloropropane	JOHN	5/15/2025 9:25:22 AM	MMDadoda	5/15/2025 2:31:58 PM	Peak Integrated by Software
VX0514WBS01	VX046188.D	1,2,3-Trichloropropane	JOHN	5/15/2025 9:25:27 AM	MMDadoda	5/15/2025 2:31:59 PM	Peak Integrated by Software
VSTDCCC050	VX046198.D	1,2,3-Trichloropropane	JOHN	5/15/2025 9:25:35 AM	MMDadoda	5/15/2025 2:32:02 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX051525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046200.D	1,2,3-Trichloropropane	sam	5/16/2025 8:30:42 AM	MMDadoda	5/16/2025 11:49:28 AM	Peak Integrated by Software
VX0515WBS01	VX046206.D	1,2,3-Trichloropropane	sam	5/16/2025 8:30:44 AM	MMDadoda	5/16/2025 11:49:29 AM	Peak Integrated by Software
VSTDCCC050	VX046226.D	1,2,3-Trichloropropane	sam	5/16/2025 8:30:49 AM	MMDadoda	5/16/2025 11:49:32 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046038.D	05 May 2025 09:37	JC/MD	Ok
2	VSTDICC001	VX046039.D	05 May 2025 10:49	JC/MD	Not Ok
3	VSTDICC005	VX046040.D	05 May 2025 11:12	JC/MD	Not Ok
4	VSTDICC020	VX046041.D	05 May 2025 11:35	JC/MD	Ok,M
5	VSTDICCC050	VX046042.D	05 May 2025 11:58	JC/MD	Ok,M
6	VSTDICC100	VX046043.D	05 May 2025 12:21	JC/MD	Ok,M
7	VSTDICC150	VX046044.D	05 May 2025 12:45	JC/MD	Ok,M
8	IBLK	VX046045.D	05 May 2025 13:08	JC/MD	Ok
9	VSTDICC005	VX046046.D	05 May 2025 16:04	JC/MD	Ok,M
10	VSTDICC001	VX046047.D	05 May 2025 16:27	JC/MD	Ok,M
11	VSTDICV050	VX046048.D	05 May 2025 16:50	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051325

Review By	John Carlone	Review On	5/14/2025 9:56:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/14/2025 12:35:50 PM		
SubDirectory	VX051325	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133901
Initial Calibration Stds	
CCC	VP133902,VP133903
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046152.D	13 May 2025 09:29	JC/MD	Ok
2	VSTDCCC050	VX046153.D	13 May 2025 10:00	JC/MD	Ok,M
3	VX0513MBL01	VX046154.D	13 May 2025 10:29	JC/MD	Ok
4	VX0513WBL01	VX046155.D	13 May 2025 10:52	JC/MD	Ok
5	Q1993-08	VX046156.D	13 May 2025 11:16	JC/MD	Ok
6	Q1993-09	VX046157.D	13 May 2025 11:39	JC/MD	Ok
7	VX0513WBS01	VX046158.D	13 May 2025 12:02	JC/MD	Ok,M
8	VX0513WBSD01	VX046159.D	13 May 2025 12:28	JC/MD	Ok,M
9	Q2013-02	VX046160.D	13 May 2025 12:51	JC/MD	Ok
10	Q2013-03	VX046161.D	13 May 2025 13:15	JC/MD	Ok
11	Q2013-01	VX046162.D	13 May 2025 13:38	JC/MD	Ok
12	Q2001-01	VX046163.D	13 May 2025 14:01	JC/MD	Ok
13	Q2001-05	VX046164.D	13 May 2025 14:25	JC/MD	Dilution
14	Q2001-09	VX046165.D	13 May 2025 14:48	JC/MD	Dilution
15	Q2001-13	VX046166.D	13 May 2025 15:11	JC/MD	Dilution
16	IBLK	VX046167.D	13 May 2025 15:35	JC/MD	Ok
17	IBLK	VX046168.D	13 May 2025 15:58	JC/MD	Ok
18	Q2007-18	VX046169.D	13 May 2025 16:22	JC/MD	Ok
19	Q2007-24	VX046170.D	13 May 2025 16:45	JC/MD	Ok
20	Q2007-30	VX046171.D	13 May 2025 17:08	JC/MD	Ok
21	Q2007-36	VX046172.D	13 May 2025 17:32	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051325

Review By	John Carlone	Review On	5/14/2025 9:56:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/14/2025 12:35:50 PM		
SubDirectory	VX051325	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133901
Initial Calibration Stds	
CCC	VP133902,VP133903
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2017-04	VX046173.D	13 May 2025 17:55	JC/MD	Ok
23	Q2017-08	VX046174.D	13 May 2025 18:18	JC/MD	Ok
24	Q2007-06	VX046175.D	13 May 2025 18:42	JC/MD	Ok
25	Q2007-12	VX046176.D	13 May 2025 19:05	JC/MD	Ok
26	Q2018-04	VX046177.D	13 May 2025 19:28	JC/MD	Dilution
27	Q2018-05	VX046178.D	13 May 2025 19:52	JC/MD	Ok
28	VSTDCCC050	VX046179.D	13 May 2025 20:15	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051425

Review By	John Carlone	Review On	5/15/2025 9:33:33 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/15/2025 2:32:06 PM		
SubDirectory	VX051425	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133910
Initial Calibration Stds	
CCC	VP133911,VP133912
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046180.D	14 May 2025 09:29	JC/MD	Ok
2	VSTDCCC050	VX046181.D	14 May 2025 09:59	JC/MD	Ok,M
3	VX0514MBL01	VX046182.D	14 May 2025 10:27	JC/MD	Ok
4	VX0514WBL01	VX046183.D	14 May 2025 10:50	JC/MD	Ok
5	Q1956-09	VX046184.D	14 May 2025 11:13	JC/MD	Ok
6	Q2018-06	VX046185.D	14 May 2025 11:37	JC/MD	ReRun
7	Q2032-11	VX046186.D	14 May 2025 12:00	JC/MD	ReRun
8	Q2032-12	VX046187.D	14 May 2025 12:23	JC/MD	ReRun
9	VX0514WBS01	VX046188.D	14 May 2025 12:46	JC/MD	Ok,M
10	VX0514WBSD01	VX046189.D	14 May 2025 13:12	JC/MD	Ok,M
11	Q2001-05DL	VX046190.D	14 May 2025 13:35	JC/MD	Ok
12	Q2001-09DL	VX046191.D	14 May 2025 13:59	JC/MD	Ok
13	Q2001-13DL	VX046192.D	14 May 2025 14:22	JC/MD	Ok
14	Q2018-04DL	VX046193.D	14 May 2025 14:45	JC/MD	Ok
15	IBLK	VX046194.D	14 May 2025 15:09	JC/MD	Ok
16	Q2033-01	VX046195.D	14 May 2025 15:32	JC/MD	Ok
17	IBLK	VX046196.D	14 May 2025 15:55	JC/MD	Ok
18	Q2043-05	VX046197.D	14 May 2025 16:19	JC/MD	Not Ok
19	VSTDCCC050	VX046198.D	14 May 2025 16:42	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051525

Review By	John Carlone	Review On	5/16/2025 9:22:10 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/16/2025 11:49:40 AM		
SubDirectory	VX051525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133928
Initial Calibration Stds	
CCC	VP133929,VP133930
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046199.D	15 May 2025 08:47	JC/MD	Ok
2	VSTDCCC050	VX046200.D	15 May 2025 09:52	JC/MD	Ok,M
3	VX0515MBL01	VX046201.D	15 May 2025 10:15	JC/MD	Ok
4	VX0515WBL01	VX046202.D	15 May 2025 10:38	JC/MD	Ok
5	Q2018-06	VX046203.D	15 May 2025 11:01	JC/MD	Ok
6	Q2032-11	VX046204.D	15 May 2025 11:25	JC/MD	Ok
7	Q2032-12	VX046205.D	15 May 2025 11:48	JC/MD	Ok
8	VX0515WBS01	VX046206.D	15 May 2025 12:11	JC/MD	Ok,M
9	VX0515WBSD01	VX046207.D	15 May 2025 12:38	JC/MD	Ok,M
10	Q2050-02	VX046208.D	15 May 2025 13:01	JC/MD	Ok
11	Q2050-01	VX046209.D	15 May 2025 13:24	JC/MD	Ok
12	Q2050-08	VX046210.D	15 May 2025 13:47	JC/MD	Ok
13	Q2050-03	VX046211.D	15 May 2025 14:11	JC/MD	Ok
14	Q2050-04	VX046212.D	15 May 2025 14:34	JC/MD	Ok
15	Q2050-05	VX046213.D	15 May 2025 14:58	JC/MD	Ok
16	Q2050-06	VX046214.D	15 May 2025 15:21	JC/MD	Ok
17	Q2050-07	VX046215.D	15 May 2025 15:44	JC/MD	Ok
18	Q2050-09	VX046216.D	15 May 2025 16:08	JC/MD	Ok
19	Q2019-04	VX046217.D	15 May 2025 16:31	JC/MD	Ok
20	Q2034-16	VX046218.D	15 May 2025 16:54	JC/MD	Ok
21	Q2034-20	VX046219.D	15 May 2025 17:18	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051525

Review By	John Carlone	Review On	5/16/2025 9:22:10 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/16/2025 11:49:40 AM		
SubDirectory	VX051525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133928
Initial Calibration Stds	
CCC	VP133929,VP133930
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2032-09	VX046220.D	15 May 2025 17:41	JC/MD	Ok
23	Q2034-04	VX046221.D	15 May 2025 18:04	JC/MD	Ok
24	Q2034-08	VX046222.D	15 May 2025 18:28	JC/MD	Ok
25	Q2034-12	VX046223.D	15 May 2025 18:51	JC/MD	Ok
26	Q2038-02	VX046224.D	15 May 2025 19:15	JC/MD	Ok
27	Q2043-05	VX046225.D	15 May 2025 19:38	JC/MD	Ok
28	VSTDCCC050	VX046226.D	15 May 2025 20:01	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046038.D	05 May 2025 09:37		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046039.D	05 May 2025 10:49	Not used	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046040.D	05 May 2025 11:12	Not used	JC/MD	Not Ok
4	VSTDICC020	VSTDICC020	VX046041.D	05 May 2025 11:35		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046042.D	05 May 2025 11:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046043.D	05 May 2025 12:21		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046044.D	05 May 2025 12:45		JC/MD	Ok,M
8	IBLK	IBLK	VX046045.D	05 May 2025 13:08		JC/MD	Ok
9	VSTDICC005	VSTDICC005	VX046046.D	05 May 2025 16:04		JC/MD	Ok,M
10	VSTDICC001	VSTDICC001	VX046047.D	05 May 2025 16:27		JC/MD	Ok,M
11	VSTDICV050	ICVVX050525	VX046048.D	05 May 2025 16:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051325

Review By	John Carlone	Review On	5/14/2025 9:56:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/14/2025 12:35:50 PM		
SubDirectory	VX051325	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133901
Initial Calibration Stds	
CCC	VP133902,VP133903
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046152.D	13 May 2025 09:29		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046153.D	13 May 2025 10:00	pH#Lot#V12668	JC/MD	Ok,M
3	VX0513MBL01	VX0513MBL01	VX046154.D	13 May 2025 10:29		JC/MD	Ok
4	VX0513WBL01	VX0513WBL01	VX046155.D	13 May 2025 10:52		JC/MD	Ok
5	Q1993-08	EB-20250508	VX046156.D	13 May 2025 11:16	vial B pH<2 EB	JC/MD	Ok
6	Q1993-09	TB	VX046157.D	13 May 2025 11:39	vial B pH<2 TB	JC/MD	Ok
7	VX0513WBS01	VX0513WBS01	VX046158.D	13 May 2025 12:02		JC/MD	Ok,M
8	VX0513WBSD01	VX0513WBSD01	VX046159.D	13 May 2025 12:28		JC/MD	Ok,M
9	Q2013-02	BP-TT192D2-GW-2025	VX046160.D	13 May 2025 12:51	vial A pH<2	JC/MD	Ok
10	Q2013-03	BP-TT192D1-GW-2025	VX046161.D	13 May 2025 13:15	vial A pH<2	JC/MD	Ok
11	Q2013-01	BP-TB-20250508	VX046162.D	13 May 2025 13:38	vial A pH<2	JC/MD	Ok
12	Q2001-01	WC-A4-03-G	VX046163.D	13 May 2025 14:01	vial A pH#5.0	JC/MD	Ok
13	Q2001-05	WC-A1-05-G	VX046164.D	13 May 2025 14:25	vial A pH#5.0 Need 10X	JC/MD	Dilution
14	Q2001-09	WC-A1-06-G	VX046165.D	13 May 2025 14:48	vial A pH#5.0 Need 20X	JC/MD	Dilution
15	Q2001-13	WC-A1-07-G	VX046166.D	13 May 2025 15:11	vial A pH#5.0 Surrogate Fail;Need 40X	JC/MD	Dilution
16	IBLK	IBLK	VX046167.D	13 May 2025 15:35		JC/MD	Ok
17	IBLK	IBLK	VX046168.D	13 May 2025 15:58		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051325

Review By	John Carlone	Review On	5/14/2025 9:56:56 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/14/2025 12:35:50 PM		
SubDirectory	VX051325	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133901
Initial Calibration Stds	
CCC	VP133902,VP133903
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2007-18	OR-636-COMP-12	VX046169.D	13 May 2025 16:22	vial A pH#5.0	JC/MD	Ok
19	Q2007-24	OR-636-COMP-13	VX046170.D	13 May 2025 16:45	vial A pH#5.0	JC/MD	Ok
20	Q2007-30	OR-636-COMP-14	VX046171.D	13 May 2025 17:08	vial A pH#5.0	JC/MD	Ok
21	Q2007-36	OR-636-COMP-15	VX046172.D	13 May 2025 17:32	vial A pH#5.0	JC/MD	Ok
22	Q2017-04	MH-I	VX046173.D	13 May 2025 17:55	vial A pH#5.0	JC/MD	Ok
23	Q2017-08	MH-J	VX046174.D	13 May 2025 18:18	vial A pH#5.0	JC/MD	Ok
24	Q2007-06	OR-636-COMP-10	VX046175.D	13 May 2025 18:42	vial A pH#5.0	JC/MD	Ok
25	Q2007-12	OR-636-COMP-11	VX046176.D	13 May 2025 19:05	vial A pH#5.0	JC/MD	Ok
26	Q2018-04	MW2	VX046177.D	13 May 2025 19:28	vial A pH<2 Need 40X	JC/MD	Dilution
27	Q2018-05	MW3	VX046178.D	13 May 2025 19:52	vial A pH<2	JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX046179.D	13 May 2025 20:15		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051425

Review By	John Carlone	Review On	5/15/2025 9:33:33 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/15/2025 2:32:06 PM		
SubDirectory	VX051425	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133910
Initial Calibration Stds	
CCC	VP133911,VP133912
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046180.D	14 May 2025 09:29		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046181.D	14 May 2025 09:59	pH#Lot#V12668	JC/MD	Ok,M
3	VX0514MBL01	VX0514MBL01	VX046182.D	14 May 2025 10:27		JC/MD	Ok
4	VX0514WBL01	VX0514WBL01	VX046183.D	14 May 2025 10:50		JC/MD	Ok
5	Q1956-09	TB	VX046184.D	14 May 2025 11:13	vial A pH<2 TB	JC/MD	Ok
6	Q2018-06	FB	VX046185.D	14 May 2025 11:37	vial A pH<2 FB;Contamination of tics	JC/MD	ReRun
7	Q2032-11	FB-05132025	VX046186.D	14 May 2025 12:00	vial A pH<2 FB;Contamination of tics	JC/MD	ReRun
8	Q2032-12	TB	VX046187.D	14 May 2025 12:23	vial A pH<2 TB;Contamination of tics	JC/MD	ReRun
9	VX0514WBS01	VX0514WBS01	VX046188.D	14 May 2025 12:46		JC/MD	Ok,M
10	VX0514WBSD01	VX0514WBSD01	VX046189.D	14 May 2025 13:12		JC/MD	Ok,M
11	Q2001-05DL	WC-A1-05-GDL	VX046190.D	14 May 2025 13:35	vial B pH#5.0	JC/MD	Ok
12	Q2001-09DL	WC-A1-06-GDL	VX046191.D	14 May 2025 13:59	vial B pH#5.0	JC/MD	Ok
13	Q2001-13DL	WC-A1-07-GDL	VX046192.D	14 May 2025 14:22	vial B pH#5.0	JC/MD	Ok
14	Q2018-04DL	MW2DL	VX046193.D	14 May 2025 14:45	vial B pH<2	JC/MD	Ok
15	IBLK	IBLK	VX046194.D	14 May 2025 15:09		JC/MD	Ok
16	Q2033-01	TW-WTS-08	VX046195.D	14 May 2025 15:32	vial A pH<2	JC/MD	Ok
17	IBLK	IBLK	VX046196.D	14 May 2025 15:55		JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051425

Review By	John Carlone	Review On	5/15/2025 9:33:33 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/15/2025 2:32:06 PM		
SubDirectory	VX051425	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133910
Initial Calibration Stds	
CCC	VP133911,VP133912
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2043-05	3139	VX046197.D	14 May 2025 16:19	Need Straight Run	JC/MD	Not Ok
19	VSTDCCC050	VSTDCCC050EC	VX046198.D	14 May 2025 16:42		JC/MD	Ok,M

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Daily Analysis Runlog For Sequence/QCBatch ID # VX051525

Review By	John Carlone	Review On	5/16/2025 9:22:10 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/16/2025 11:49:40 AM		
SubDirectory	VX051525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133928
Initial Calibration Stds	
CCC	VP133929,VP133930
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046199.D	15 May 2025 08:47		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046200.D	15 May 2025 09:52	pH#Lot#V12668	JC/MD	Ok,M
3	VX0515MBL01	VX0515MBL01	VX046201.D	15 May 2025 10:15		JC/MD	Ok
4	VX0515WBL01	VX0515WBL01	VX046202.D	15 May 2025 10:38		JC/MD	Ok
5	Q2018-06	FB	VX046203.D	15 May 2025 11:01	vial B pH<2 FB	JC/MD	Ok
6	Q2032-11	FB-05132025	VX046204.D	15 May 2025 11:25	vial B pH<2 FB	JC/MD	Ok
7	Q2032-12	TB	VX046205.D	15 May 2025 11:48	vial B pH<2 TB	JC/MD	Ok
8	VX0515WBS01	VX0515WBS01	VX046206.D	15 May 2025 12:11		JC/MD	Ok,M
9	VX0515WBSD01	VX0515WBSD01	VX046207.D	15 May 2025 12:38		JC/MD	Ok,M
10	Q2050-02	BP-VPB-182-GW-60-62	VX046208.D	15 May 2025 13:01	vial A pH<2	JC/MD	Ok
11	Q2050-01	BP-TB-20250512	VX046209.D	15 May 2025 13:24	vial A pH<2 TB	JC/MD	Ok
12	Q2050-08	BP-VPB-182-EB-20250	VX046210.D	15 May 2025 13:47	vial A pH<2 EB	JC/MD	Ok
13	Q2050-03	BP-VPB-182-GW-100-1	VX046211.D	15 May 2025 14:11	vial A pH<2	JC/MD	Ok
14	Q2050-04	BP-VPB-182-GW-150-1	VX046212.D	15 May 2025 14:34	vial A pH<2	JC/MD	Ok
15	Q2050-05	BP-VPB-182-GW-205-2	VX046213.D	15 May 2025 14:58	vial A pH<2	JC/MD	Ok
16	Q2050-06	BP-VPB-182-GW-220-2	VX046214.D	15 May 2025 15:21	vial A pH<2	JC/MD	Ok
17	Q2050-07	BP-VPB-182-DUP-2025	VX046215.D	15 May 2025 15:44	vial A pH<2	JC/MD	Ok
18	Q2050-09	BP-VPB-182-GW-240-2	VX046216.D	15 May 2025 16:08	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051525

Review By	John Carlone	Review On	5/16/2025 9:22:10 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/16/2025 11:49:40 AM		
SubDirectory	VX051525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133928
Initial Calibration Stds	
CCC	VP133929,VP133930
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2019-04	MH-K	VX046217.D	15 May 2025 16:31	vial A pH#5.0	JC/MD	Ok
20	Q2034-16	L3-WC-4	VX046218.D	15 May 2025 16:54	vial A pH#5.0	JC/MD	Ok
21	Q2034-20	L3-WC-5	VX046219.D	15 May 2025 17:18	vial A pH#5.0	JC/MD	Ok
22	Q2032-09	COMP-1	VX046220.D	15 May 2025 17:41	vial A pH#5.0	JC/MD	Ok
23	Q2034-04	L3-WC-1	VX046221.D	15 May 2025 18:04	vial A pH#5.0	JC/MD	Ok
24	Q2034-08	L3-WC-2	VX046222.D	15 May 2025 18:28	vial A pH#5.0	JC/MD	Ok
25	Q2034-12	L3-WC-3	VX046223.D	15 May 2025 18:51	vial A pH#5.0	JC/MD	Ok
26	Q2038-02	72-11991	VX046224.D	15 May 2025 19:15	vial A pH#5.0	JC/MD	Ok
27	Q2043-05	3139	VX046225.D	15 May 2025 19:38	vial A pH<2 sample oily,smelly	JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX046226.D	15 May 2025 20:01		JC/MD	Ok,M

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q2018	**OrderDate:**	5/12/2025 1:20:00 PM
Client:	G Environmental	**Project:**	Hillside
Contact:	Gary Landis	**Location:**	L41,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2018-04	**MW2**	**Water**			**05/12/25**			**05/12/25**
			VOCMS Group1	8260-Low			05/13/25	
Q2018-04DL	**MW2DL**	**Water**			**05/12/25**			**05/12/25**
			VOCMS Group1	8260-Low			05/14/25	
Q2018-05	**MW3**	**Water**			**05/12/25**			**05/12/25**
			VOCMS Group1	8260-Low			05/13/25	
Q2018-06	**FB**	**Water**			**05/12/25**			**05/12/25**
			VOCMS Group1	8260-Low			05/15/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2018
COC Number 2047003

6
6.1

CLIENT INFORMATION — REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION
PROJECT NAME: Hillside
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION
BILL TO: Environmental PO#:
ADDRESS: 8 Carriage
CITY: Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION
FAX (RUSH) ______ DAYS*
HARDCOPY (DATA PACKAGE) Standard DAYS*
EDD: Standard DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION
❑ Level 1 (Results Only) ❑ Level 4 (QC + Full Raw Data)
❑ Level 2 (Results + QC) X NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC + Raw Data) ❑ NYS ASP A ❑ NYS ASP B
❑ Other Excel
X EDD FORMAT EDD NJDEP SRP

ANALYSIS
1. TCL VOC+15 + TBA + MTBE
2. 3. 4. 5. 6. 7. 8. 9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (HCl)	2	3	4	5	6	7	8	9	COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	MW 2	GW		X	5/12/25	1200		X									
2.	MW 3	GW		X	5/12/25	1247		X									
3.	FB	Blank			5/12/25			X									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	5/12/25 13:24	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 2.1 °C
Comments: Hillside MW2 MW3 FB
[signature]

Page ____ of
CLIENT: ❑ Hand Delivered ❑ Other
Shipment Complete ❑ YES ❑ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2018 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 5/12/2025 1:20:00 PM
Project Name : Hillside
Receive DateTime : 5/12/2025 1:24:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : NJ HAZSITE
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2018-04	MW2	Water	05/12/2025	12:00					
					VOCMS Group1		8260-Low		5 Bus. Days
Q2018-05	MW3	Water	05/12/2025	12:47					
					VOCMS Group1		8260-Low		5 Bus. Days
Q2018-06	FB	Water	05/12/2025	00:00					
					VOCMS Group1		8260-Low		5 Bus. Days

Relinguished By : CA
Date / Time : 5/12/25 14:40

Received By : JC
Date / Time : 5/12/25 1440
Storage Area : VOA Refridgerator Room