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

VOLATILE ORGANICS

PROJECT NAME : FISAL

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1448

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1448

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) : Q1448

Sampling Date(s) : 2/26/2025

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 : Q1448

Project ID : Fisal

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1448-01	PSP1
Q1448-02	P1
Q1448-03	P2
Q1448-04	P3
Q1448-05	P4

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 1:50 pm, Mar 10, 2025* Date: 3/10/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Fisal
Project # N/A
Chemtech Project # Q1448
Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:
5 Solid samples were received on 02/26/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: VOCMS Group2. This data package contains results for VOCMS Group2.

C. Analytical Techniques:
The analysis perform ed on instrument MSVOA_X were done using GC colu mn DB-624UI 20m 0.18mm 1.0 um . Cat#121-1324UIThe analysis performed on instrument MSVOA_Y were done using GC colum n Rxi-624SIL MS 30 m, 0.25mm, 1.4 u m, Cat. #13868.The analysis of VOCMS Group2 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria except for PSP1 [1,2-Dichloroethane-d4 - 63%]this compound did not meet the NJDKQP criteria but met the in-house criteria, while for PSP1 [4-Bromofluorobenzene - 32%]this compound did not meet the NJDKQP criteria and in-house criteria, sample was reanalyzed to confirm the failure and reported.

The Internal Standards Areas met the acceptable requirements except for PSP1, P1, P2, and P4 sample was reanalyzed to confirm the failure and reported while for P3, due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported, some analytes were not match in original and reanalysis but now no more vial for confirmation therefore no corrective action taken.

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.

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The Continuous Calibration File ID VX045127.D met the requirements except for Tert butyl alcohol is failing low but only dilution sample analyzed under this CCAL and dilution not required for mentioned analyte therefore no corrective action taken.

The Continuous Calibration File ID VY021346.D met the requirements except for Tert butyl alcohol is failing marginally low therefore no corrective action taken.

The Continuous Calibration File ID VY021375.D met the requirements except for Acetone is failing high and associate sample # P4RE have positive hit and Tert butyl alcohol failing low, associated sample initially analyzed in sequence VY022725 where surrogate and internal failing as a corrective action sample reanalyzed but CCAL failing low therefore both run reported.
The Tuning criteria met requirements.

Sample P3 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.

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.
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 p ackage is in compliance with the te rms and conditions of the contract, both technically and for com pleteness, 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 1:51 pm, Mar 10, 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 #: Q1448

	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:** 03/10/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1448

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**P2RE**							
Q1448-03RE	P2RE	SOIL	Methylene Chloride	9.40	J	3.60	10.6	ug/Kg
			Total Voc :	9.40				
			Total Concentration:	9.40				
Client ID:	**P3**							
Q1448-04	P3	SOIL	Tert butyl alcohol	410		13.7	22.0	ug/Kg
Q1448-04	P3	SOIL	Benzene	300	E	0.63	4.40	ug/Kg
Q1448-04	P3	SOIL	Toluene	8.30		0.59	4.40	ug/Kg
Q1448-04	P3	SOIL	m/p-Xylenes	2.10	J	1.20	8.80	ug/Kg
Q1448-04	P3	SOIL	o-Xylene	2.90	J	0.62	4.40	ug/Kg
			Total Voc :	723				
			Total Concentration:	723				
Client ID:	**P3ME**							
Q1448-04ME	P3ME	SOIL	Benzene	1800	D	68.2	470	ug/Kg
Q1448-04ME	P3ME	SOIL	Toluene	140	JD	63.5	470	ug/Kg
Q1448-04ME	P3ME	SOIL	m/p-Xylenes	150	JD	130	950	ug/Kg
Q1448-04ME	P3ME	SOIL	o-Xylene	220	JD	66.3	470	ug/Kg
			Total Voc :	2310				
			Total Concentration:	2310				
Client ID:	**P4RE**							
Q1448-05RE	P4RE	SOIL	Tert butyl alcohol	220		16.0	25.6	ug/Kg
Q1448-05RE	P4RE	SOIL	Acetone	82.2		6.40	25.6	ug/Kg
Q1448-05RE	P4RE	SOIL	Methylene Chloride	7.00	J	3.50	10.2	ug/Kg
			Total Voc :	309				
			Total Concentration:	309				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	PSP1	SDG No.:	Q1448
Lab Sample ID:	Q1448-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.2
Sample Wt/Vol:	6.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021366.D	1		02/27/25 18:19	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.99	U	0.99	4.30	ug/Kg
75-01-4	Vinyl Chloride	0.66	U	0.66	4.30	ug/Kg
74-83-9	Bromomethane	0.88	U	0.88	4.30	ug/Kg
75-00-3	Chloroethane	0.87	U	0.87	4.30	ug/Kg
75-65-0	Tert butyl alcohol	13.4	U	13.4	21.4	ug/Kg
75-35-4	1,1-Dichloroethene	0.67	U	0.67	4.30	ug/Kg
67-64-1	Acetone	5.30	U	5.30	21.4	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.57	U	0.57	4.30	ug/Kg
75-09-2	Methylene Chloride	2.90	U	2.90	8.60	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.72	U	0.72	4.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.54	U	0.54	4.30	ug/Kg
78-93-3	2-Butanone	4.90	U	4.90	21.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.75	U	0.75	4.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.52	U	0.52	4.30	ug/Kg
67-66-3	Chloroform	0.57	U	0.57	4.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.67	U	0.67	4.30	ug/Kg
71-43-2	Benzene	0.62	U	0.62	4.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.52	U	0.52	4.30	ug/Kg
79-01-6	Trichloroethene	0.64	U	0.64	4.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.57	U	0.57	4.30	ug/Kg
75-27-4	Bromodichloromethane	0.48	U	0.48	4.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.70	U	3.70	21.4	ug/Kg
108-88-3	Toluene	0.57	U	0.57	4.30	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.51	U	0.51	4.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.49	U	0.49	4.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.72	U	0.72	4.30	ug/Kg
591-78-6	2-Hexanone	4.10	U	4.10	21.4	ug/Kg
124-48-1	Dibromochloromethane	0.56	U	0.56	4.30	ug/Kg
127-18-4	Tetrachloroethene	0.76	U	0.76	4.30	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	PSP1	SDG No.:	Q1448
Lab Sample ID:	Q1448-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.2
Sample Wt/Vol:	6.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021366.D	1		02/27/25 18:19	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.63	U	0.63	4.30	ug/Kg
100-41-4	Ethyl Benzene	0.53	U	0.53	4.30	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	8.60	ug/Kg
95-47-6	o-Xylene	0.60	U	0.60	4.30	ug/Kg
100-42-5	Styrene	0.51	U	0.51	4.30	ug/Kg
75-25-2	Bromoform	0.69	U	0.69	4.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.94	U	0.94	4.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	31.5	*	70 (63) - 130 (155)	63%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	41.4		70 (74) - 130 (123)	83%	SPK: 50
460-00-4	4-Bromofluorobenzene	16.2	*	70 (38) - 130 (136)	32%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	12100	7.713			
540-36-3	1,4-Difluorobenzene	15600	8.616			
3114-55-4	Chlorobenzene-d5	8210	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	1200	13.346			

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:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	PSP1RE	SDG No.:	Q1448
Lab Sample ID:	Q1448-01RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.2
Sample Wt/Vol:	5.67 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021382.D	1		02/28/25 15:55	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.10	U	1.10	4.90	ug/Kg
75-01-4	Vinyl Chloride	0.76	U	0.76	4.90	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.90	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	4.90	ug/Kg
75-65-0	Tert butyl alcohol	15.4	U	15.4	24.7	ug/Kg
75-35-4	1,1-Dichloroethene	0.77	U	0.77	4.90	ug/Kg
67-64-1	Acetone	6.20	U	6.20	24.7	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.66	U	0.66	4.90	ug/Kg
75-09-2	Methylene Chloride	3.40	U	3.40	9.90	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.83	U	0.83	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.62	U	0.62	4.90	ug/Kg
78-93-3	2-Butanone	5.60	U	5.60	24.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.86	U	0.86	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	4.90	ug/Kg
67-66-3	Chloroform	0.66	U	0.66	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.77	U	0.77	4.90	ug/Kg
71-43-2	Benzene	0.71	U	0.71	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.60	U	0.60	4.90	ug/Kg
79-01-6	Trichloroethene	0.74	U	0.74	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.65	U	0.65	4.90	ug/Kg
75-27-4	Bromodichloromethane	0.55	U	0.55	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.30	U	4.30	24.7	ug/Kg
108-88-3	Toluene	0.66	U	0.66	4.90	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.59	U	0.59	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.83	U	0.83	4.90	ug/Kg
591-78-6	2-Hexanone	4.70	U	4.70	24.7	ug/Kg
124-48-1	Dibromochloromethane	0.64	U	0.64	4.90	ug/Kg
127-18-4	Tetrachloroethene	0.88	U	0.88	4.90	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	PSP1RE	SDG No.:	Q1448
Lab Sample ID:	Q1448-01RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.2
Sample Wt/Vol:	5.67 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021382.D	1		02/28/25 15:55	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.73	U	0.73	4.90	ug/Kg
100-41-4	Ethyl Benzene	0.61	U	0.61	4.90	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	9.90	ug/Kg
95-47-6	o-Xylene	0.69	U	0.69	4.90	ug/Kg
100-42-5	Styrene	0.59	U	0.59	4.90	ug/Kg
75-25-2	Bromoform	0.80	U	0.80	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.6		70 (63) - 130 (155)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	53.9		70 (70) - 130 (134)	108%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.8		70 (38) - 130 (136)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	129000	7.707			
540-36-3	1,4-Difluorobenzene	230000	8.616			
3114-55-4	Chlorobenzene-d5	206000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	76900	13.346			

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

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P1	SDG No.:	Q1448
Lab Sample ID:	Q1448-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.3
Sample Wt/Vol:	6.87 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021367.D	1		02/27/25 18:42	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.95	U	0.95	4.10	ug/Kg
75-01-4	Vinyl Chloride	0.63	U	0.63	4.10	ug/Kg
74-83-9	Bromomethane	0.84	U	0.84	4.10	ug/Kg
75-00-3	Chloroethane	0.82	U	0.82	4.10	ug/Kg
75-65-0	Tert butyl alcohol	12.7	U	12.7	20.4	ug/Kg
75-35-4	1,1-Dichloroethene	0.64	U	0.64	4.10	ug/Kg
67-64-1	Acetone	5.10	U	5.10	20.4	ug/Kg
75-15-0	Carbon Disulfide	1.00	U	1.00	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.55	U	0.55	4.10	ug/Kg
75-09-2	Methylene Chloride	2.80	U	2.80	8.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.68	U	0.68	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.51	U	0.51	4.10	ug/Kg
78-93-3	2-Butanone	4.60	U	4.60	20.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.71	U	0.71	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	4.10	ug/Kg
67-66-3	Chloroform	0.55	U	0.55	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.64	U	0.64	4.10	ug/Kg
71-43-2	Benzene	0.59	U	0.59	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.50	U	0.50	4.10	ug/Kg
79-01-6	Trichloroethene	0.61	U	0.61	4.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.54	U	0.54	4.10	ug/Kg
75-27-4	Bromodichloromethane	0.46	U	0.46	4.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.50	U	3.50	20.4	ug/Kg
108-88-3	Toluene	0.55	U	0.55	4.10	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.49	U	0.49	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.46	U	0.46	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.68	U	0.68	4.10	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	20.4	ug/Kg
124-48-1	Dibromochloromethane	0.53	U	0.53	4.10	ug/Kg
127-18-4	Tetrachloroethene	0.73	U	0.73	4.10	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P1	SDG No.:	Q1448
Lab Sample ID:	Q1448-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.3
Sample Wt/Vol:	6.87 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021367.D	1		02/27/25 18:42	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.60	U	0.60	4.10	ug/Kg
100-41-4	Ethyl Benzene	0.51	U	0.51	4.10	ug/Kg
179601-23-1	m/p-Xylenes	1.10	U	1.10	8.20	ug/Kg
95-47-6	o-Xylene	0.57	U	0.57	4.10	ug/Kg
100-42-5	Styrene	0.49	U	0.49	4.10	ug/Kg
75-25-2	Bromoform	0.66	U	0.66	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.90	U	0.90	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.4		70 (63) - 130 (155)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	54.1		70 (70) - 130 (134)	108%	SPK: 50
2037-26-5	Toluene-d8	47.2		70 (74) - 130 (123)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.6		70 (38) - 130 (136)	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108000	7.707			
540-36-3	1,4-Difluorobenzene	191000	8.616			
3114-55-4	Chlorobenzene-d5	167000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	61000	13.347			

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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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P1RE	SDG No.:	Q1448
Lab Sample ID:	Q1448-02RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.3
Sample Wt/Vol:	6.87 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021383.D	1		02/28/25 16:18	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.95	U	0.95	4.10	ug/Kg
75-01-4	Vinyl Chloride	0.63	U	0.63	4.10	ug/Kg
74-83-9	Bromomethane	0.84	U	0.84	4.10	ug/Kg
75-00-3	Chloroethane	0.82	U	0.82	4.10	ug/Kg
75-65-0	Tert butyl alcohol	12.7	U	12.7	20.4	ug/Kg
75-35-4	1,1-Dichloroethene	0.64	U	0.64	4.10	ug/Kg
67-64-1	Acetone	5.10	U	5.10	20.4	ug/Kg
75-15-0	Carbon Disulfide	1.00	U	1.00	4.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.55	U	0.55	4.10	ug/Kg
75-09-2	Methylene Chloride	2.80	U	2.80	8.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.68	U	0.68	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.51	U	0.51	4.10	ug/Kg
78-93-3	2-Butanone	4.60	U	4.60	20.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.71	U	0.71	4.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.50	4.10	ug/Kg
67-66-3	Chloroform	0.55	U	0.55	4.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.64	U	0.64	4.10	ug/Kg
71-43-2	Benzene	0.59	U	0.59	4.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.50	U	0.50	4.10	ug/Kg
79-01-6	Trichloroethene	0.61	U	0.61	4.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.54	U	0.54	4.10	ug/Kg
75-27-4	Bromodichloromethane	0.46	U	0.46	4.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.50	U	3.50	20.4	ug/Kg
108-88-3	Toluene	0.55	U	0.55	4.10	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.49	U	0.49	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.46	U	0.46	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.68	U	0.68	4.10	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	20.4	ug/Kg
124-48-1	Dibromochloromethane	0.53	U	0.53	4.10	ug/Kg
127-18-4	Tetrachloroethene	0.73	U	0.73	4.10	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P1RE	SDG No.:	Q1448
Lab Sample ID:	Q1448-02RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.3
Sample Wt/Vol:	6.87 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021383.D	1		02/28/25 16:18	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.60	U	0.60	4.10	ug/Kg
100-41-4	Ethyl Benzene	0.51	U	0.51	4.10	ug/Kg
179601-23-1	m/p-Xylenes	1.10	U	1.10	8.20	ug/Kg
95-47-6	o-Xylene	0.57	U	0.57	4.10	ug/Kg
100-42-5	Styrene	0.49	U	0.49	4.10	ug/Kg
75-25-2	Bromoform	0.66	U	0.66	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.90	U	0.90	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.6		70 (63) - 130 (155)	121%	SPK: 50
1868-53-7	Dibromofluoromethane	55.3		70 (70) - 130 (134)	111%	SPK: 50
2037-26-5	Toluene-d8	48.0		70 (74) - 130 (123)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.1		70 (38) - 130 (136)	82%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	129000	7.701			
540-36-3	1,4-Difluorobenzene	235000	8.616			
3114-55-4	Chlorobenzene-d5	210000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	76000	13.346			

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:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P2	SDG No.:	Q1448
Lab Sample ID:	Q1448-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	6.38 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021368.D	1		02/27/25 19:06	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.00	U	1.00	4.40	ug/Kg
75-01-4	Vinyl Chloride	0.67	U	0.67	4.40	ug/Kg
74-83-9	Bromomethane	0.90	U	0.90	4.40	ug/Kg
75-00-3	Chloroethane	0.88	U	0.88	4.40	ug/Kg
75-65-0	Tert butyl alcohol	13.6	U	13.6	21.8	ug/Kg
75-35-4	1,1-Dichloroethene	0.68	U	0.68	4.40	ug/Kg
67-64-1	Acetone	5.40	U	5.40	21.8	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.58	U	0.58	4.40	ug/Kg
75-09-2	Methylene Chloride	3.00	U	3.00	8.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.73	U	0.73	4.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.55	U	0.55	4.40	ug/Kg
78-93-3	2-Butanone	4.90	U	4.90	21.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.76	U	0.76	4.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.53	U	0.53	4.40	ug/Kg
67-66-3	Chloroform	0.58	U	0.58	4.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.68	U	0.68	4.40	ug/Kg
71-43-2	Benzene	0.63	U	0.63	4.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.53	U	0.53	4.40	ug/Kg
79-01-6	Trichloroethene	0.65	U	0.65	4.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.57	U	0.57	4.40	ug/Kg
75-27-4	Bromodichloromethane	0.49	U	0.49	4.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	21.8	ug/Kg
108-88-3	Toluene	0.58	U	0.58	4.40	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.52	U	0.52	4.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	4.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.73	U	0.73	4.40	ug/Kg
591-78-6	2-Hexanone	4.20	U	4.20	21.8	ug/Kg
124-48-1	Dibromochloromethane	0.57	U	0.57	4.40	ug/Kg
127-18-4	Tetrachloroethene	0.77	U	0.77	4.40	ug/Kg

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P2	SDG No.:	Q1448
Lab Sample ID:	Q1448-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	6.38 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021368.D	1		02/27/25 19:06	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.64	U	0.64	4.40	ug/Kg
100-41-4	Ethyl Benzene	0.54	U	0.54	4.40	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	8.70	ug/Kg
95-47-6	o-Xylene	0.61	U	0.61	4.40	ug/Kg
100-42-5	Styrene	0.52	U	0.52	4.40	ug/Kg
75-25-2	Bromoform	0.71	U	0.71	4.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.96	U	0.96	4.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.2		70 (63) - 130 (155)	112%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		70 (70) - 130 (134)	107%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.5		70 (38) - 130 (136)	77%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	111000	7.707			
540-36-3	1,4-Difluorobenzene	195000	8.616			
3114-55-4	Chlorobenzene-d5	167000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	57400	13.346			

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:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P2RE	SDG No.:	Q1448
Lab Sample ID:	Q1448-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	5.22 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021384.D	1		02/28/25 16:41	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.20	U	1.20	5.30	ug/Kg
75-01-4	Vinyl Chloride	0.82	U	0.82	5.30	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.30	ug/Kg
75-00-3	Chloroethane	1.10	U	1.10	5.30	ug/Kg
75-65-0	Tert butyl alcohol	16.6	U	16.6	26.6	ug/Kg
75-35-4	1,1-Dichloroethene	0.83	U	0.83	5.30	ug/Kg
67-64-1	Acetone	6.60	U	6.60	26.6	ug/Kg
75-15-0	Carbon Disulfide	1.40	U	1.40	5.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.71	U	0.71	5.30	ug/Kg
75-09-2	Methylene Chloride	9.40	J	3.60	10.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.89	U	0.89	5.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.67	U	0.67	5.30	ug/Kg
78-93-3	2-Butanone	6.00	U	6.00	26.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.93	U	0.93	5.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.65	U	0.65	5.30	ug/Kg
67-66-3	Chloroform	0.71	U	0.71	5.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.83	U	0.83	5.30	ug/Kg
71-43-2	Benzene	0.77	U	0.77	5.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.65	U	0.65	5.30	ug/Kg
79-01-6	Trichloroethene	0.80	U	0.80	5.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.70	U	0.70	5.30	ug/Kg
75-27-4	Bromodichloromethane	0.60	U	0.60	5.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.60	U	4.60	26.6	ug/Kg
108-88-3	Toluene	0.71	U	0.71	5.30	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.64	U	0.64	5.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.61	U	0.61	5.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.89	U	0.89	5.30	ug/Kg
591-78-6	2-Hexanone	5.10	U	5.10	26.6	ug/Kg
124-48-1	Dibromochloromethane	0.69	U	0.69	5.30	ug/Kg
127-18-4	Tetrachloroethene	0.95	U	0.95	5.30	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P2RE	SDG No.:	Q1448
Lab Sample ID:	Q1448-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	5.22 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021384.D	1		02/28/25 16:41	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.79	U	0.79	5.30	ug/Kg
100-41-4	Ethyl Benzene	0.66	U	0.66	5.30	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	10.6	ug/Kg
95-47-6	o-Xylene	0.74	U	0.74	5.30	ug/Kg
100-42-5	Styrene	0.64	U	0.64	5.30	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.4		70 (63) - 130 (155)	119%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		70 (70) - 130 (134)	110%	SPK: 50
2037-26-5	Toluene-d8	47.4		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.7		70 (38) - 130 (136)	77%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	122000	7.707			
540-36-3	1,4-Difluorobenzene	221000	8.616			
3114-55-4	Chlorobenzene-d5	190000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	61700	13.347			

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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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P3	SDG No.:	Q1448
Lab Sample ID:	Q1448-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.8
Sample Wt/Vol:	6.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021369.D	1		02/27/25 19:29	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.00	U	1.00	4.40	ug/Kg
75-01-4	Vinyl Chloride	0.68	U	0.68	4.40	ug/Kg
74-83-9	Bromomethane	0.91	U	0.91	4.40	ug/Kg
75-00-3	Chloroethane	0.89	U	0.89	4.40	ug/Kg
75-65-0	Tert butyl alcohol	410		13.7	22.0	ug/Kg
75-35-4	1,1-Dichloroethene	0.69	U	0.69	4.40	ug/Kg
67-64-1	Acetone	5.50	U	5.50	22.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.59	U	0.59	4.40	ug/Kg
75-09-2	Methylene Chloride	3.00	U	3.00	8.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.74	U	0.74	4.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.55	U	0.55	4.40	ug/Kg
78-93-3	2-Butanone	5.00	U	5.00	22.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.77	U	0.77	4.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.54	U	0.54	4.40	ug/Kg
67-66-3	Chloroform	0.59	U	0.59	4.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.69	U	0.69	4.40	ug/Kg
71-43-2	Benzene	300	E	0.63	4.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.54	U	0.54	4.40	ug/Kg
79-01-6	Trichloroethene	0.66	U	0.66	4.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.58	U	0.58	4.40	ug/Kg
75-27-4	Bromodichloromethane	0.49	U	0.49	4.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	22.0	ug/Kg
108-88-3	Toluene	8.30		0.59	4.40	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.53	U	0.53	4.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.50	4.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.74	U	0.74	4.40	ug/Kg
591-78-6	2-Hexanone	4.20	U	4.20	22.0	ug/Kg
124-48-1	Dibromochloromethane	0.57	U	0.57	4.40	ug/Kg
127-18-4	Tetrachloroethene	0.78	U	0.78	4.40	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P3	SDG No.:	Q1448
Lab Sample ID:	Q1448-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.8
Sample Wt/Vol:	6.54 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021369.D	1		02/27/25 19:29	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.65	U	0.65	4.40	ug/Kg
100-41-4	Ethyl Benzene	0.55	U	0.55	4.40	ug/Kg
179601-23-1	m/p-Xylenes	2.10	J	1.20	8.80	ug/Kg
95-47-6	o-Xylene	2.90	J	0.62	4.40	ug/Kg
100-42-5	Styrene	0.53	U	0.53	4.40	ug/Kg
75-25-2	Bromoform	0.71	U	0.71	4.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.97	U	0.97	4.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		70 (63) - 130 (155)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (74) - 130 (123)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	35.5		70 (38) - 130 (136)	71%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	116000	7.707			
540-36-3	1,4-Difluorobenzene	199000	8.61			
3114-55-4	Chlorobenzene-d5	161000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	42800	13.347			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P3ME	SDG No.:	Q1448
Lab Sample ID:	Q1448-04ME	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.8
Sample Wt/Vol:	6.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045133.D	1		03/05/25 11:40	VX030525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	110	UD	110	470	ug/Kg
75-01-4	Vinyl Chloride	73.0	UD	73.0	470	ug/Kg
74-83-9	Bromomethane	97.6	UD	97.6	470	ug/Kg
75-00-3	Chloroethane	95.7	UD	95.7	470	ug/Kg
75-65-0	Tert butyl alcohol	1500	UD	1500	2400	ug/Kg
75-35-4	1,1-Dichloroethene	73.9	UD	73.9	470	ug/Kg
67-64-1	Acetone	590	UD	590	2400	ug/Kg
75-15-0	Carbon Disulfide	120	UD	120	470	ug/Kg
1634-04-4	Methyl tert-butyl Ether	63.5	UD	63.5	470	ug/Kg
75-09-2	Methylene Chloride	320	UD	320	950	ug/Kg
156-60-5	trans-1,2-Dichloroethene	79.6	UD	79.6	470	ug/Kg
75-34-3	1,1-Dichloroethane	59.7	UD	59.7	470	ug/Kg
78-93-3	2-Butanone	540	UD	540	2400	ug/Kg
56-23-5	Carbon Tetrachloride	82.4	UD	82.4	470	ug/Kg
156-59-2	cis-1,2-Dichloroethene	57.8	UD	57.8	470	ug/Kg
67-66-3	Chloroform	63.5	UD	63.5	470	ug/Kg
71-55-6	1,1,1-Trichloroethane	73.9	UD	73.9	470	ug/Kg
71-43-2	Benzene	1800	D	68.2	470	ug/Kg
107-06-2	1,2-Dichloroethane	57.8	UD	57.8	470	ug/Kg
79-01-6	Trichloroethene	71.1	UD	71.1	470	ug/Kg
78-87-5	1,2-Dichloropropane	62.5	UD	62.5	470	ug/Kg
75-27-4	Bromodichloromethane	53.1	UD	53.1	470	ug/Kg
108-10-1	4-Methyl-2-Pentanone	410	UD	410	2400	ug/Kg
108-88-3	Toluene	140	JD	63.5	470	ug/Kg
10061-02-6	t-1,3-Dichloropropene	56.8	UD	56.8	470	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	54.0	UD	54.0	470	ug/Kg
79-00-5	1,1,2-Trichloroethane	79.6	UD	79.6	470	ug/Kg
591-78-6	2-Hexanone	450	UD	450	2400	ug/Kg
124-48-1	Dibromochloromethane	61.6	UD	61.6	470	ug/Kg
127-18-4	Tetrachloroethene	84.3	UD	84.3	470	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P3ME	SDG No.:	Q1448
Lab Sample ID:	Q1448-04ME	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	86.8
Sample Wt/Vol:	6.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045133.D	1		03/05/25 11:40	VX030525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	70.1	UD	70.1	470	ug/Kg
100-41-4	Ethyl Benzene	58.7	UD	58.7	470	ug/Kg
179601-23-1	m/p-Xylenes	150	JD	130	950	ug/Kg
95-47-6	o-Xylene	220	JD	66.3	470	ug/Kg
100-42-5	Styrene	56.8	UD	56.8	470	ug/Kg
75-25-2	Bromoform	76.7	UD	76.7	470	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	UD	100	470	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.2		70 (63) - 130 (155)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		70 (70) - 130 (134)	98%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.6		70 (38) - 130 (136)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	67300	5.544			
540-36-3	1,4-Difluorobenzene	129000	6.757			
3114-55-4	Chlorobenzene-d5	115000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	55000	12.024			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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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:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P4	SDG No.:	Q1448
Lab Sample ID:	Q1448-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88
Sample Wt/Vol:	6.14 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021370.D	1		02/27/25 19:52	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.10	U	1.10	4.60	ug/Kg
75-01-4	Vinyl Chloride	0.71	U	0.71	4.60	ug/Kg
74-83-9	Bromomethane	0.95	U	0.95	4.60	ug/Kg
75-00-3	Chloroethane	0.93	U	0.93	4.60	ug/Kg
75-65-0	Tert butyl alcohol	14.4	U	14.4	23.1	ug/Kg
75-35-4	1,1-Dichloroethene	0.72	U	0.72	4.60	ug/Kg
67-64-1	Acetone	5.80	U	5.80	23.1	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.62	U	0.62	4.60	ug/Kg
75-09-2	Methylene Chloride	3.20	U	3.20	9.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.78	U	0.78	4.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.58	U	0.58	4.60	ug/Kg
78-93-3	2-Butanone	5.30	U	5.30	23.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.81	U	0.81	4.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.56	U	0.56	4.60	ug/Kg
67-66-3	Chloroform	0.62	U	0.62	4.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.72	U	0.72	4.60	ug/Kg
71-43-2	Benzene	0.67	U	0.67	4.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.56	U	0.56	4.60	ug/Kg
79-01-6	Trichloroethene	0.69	U	0.69	4.60	ug/Kg
78-87-5	1,2-Dichloropropane	0.61	U	0.61	4.60	ug/Kg
75-27-4	Bromodichloromethane	0.52	U	0.52	4.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	23.1	ug/Kg
108-88-3	Toluene	0.62	U	0.62	4.60	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.56	U	0.56	4.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.53	U	0.53	4.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.78	U	0.78	4.60	ug/Kg
591-78-6	2-Hexanone	4.40	U	4.40	23.1	ug/Kg
124-48-1	Dibromochloromethane	0.60	U	0.60	4.60	ug/Kg
127-18-4	Tetrachloroethene	0.82	U	0.82	4.60	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P4	SDG No.:	Q1448
Lab Sample ID:	Q1448-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88
Sample Wt/Vol:	6.14 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021370.D	1		02/27/25 19:52	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.68	U	0.68	4.60	ug/Kg
100-41-4	Ethyl Benzene	0.57	U	0.57	4.60	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.30	ug/Kg
95-47-6	o-Xylene	0.65	U	0.65	4.60	ug/Kg
100-42-5	Styrene	0.56	U	0.56	4.60	ug/Kg
75-25-2	Bromoform	0.75	U	0.75	4.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1.00	4.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		70 (63) - 130 (155)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (70) - 130 (134)	105%	SPK: 50
2037-26-5	Toluene-d8	46.8		70 (74) - 130 (123)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.2		70 (38) - 130 (136)	82%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	106000	7.707			
540-36-3	1,4-Difluorobenzene	190000	8.616			
3114-55-4	Chlorobenzene-d5	167000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	65600	13.346			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
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M = MS/MSD acceptance criteria did not meet requirements

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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:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P4RE	SDG No.:	Q1448
Lab Sample ID:	Q1448-05RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88
Sample Wt/Vol:	5.55 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021385.D	1		02/28/25 17:05	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.20	U	1.20	5.10	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.10	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.10	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	5.10	ug/Kg
75-65-0	Tert butyl alcohol	220		16.0	25.6	ug/Kg
75-35-4	1,1-Dichloroethene	0.80	U	0.80	5.10	ug/Kg
67-64-1	Acetone	82.2		6.40	25.6	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	5.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.69	U	0.69	5.10	ug/Kg
75-09-2	Methylene Chloride	7.00	J	3.50	10.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.64	U	0.64	5.10	ug/Kg
78-93-3	2-Butanone	5.80	U	5.80	25.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.89	U	0.89	5.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.62	U	0.62	5.10	ug/Kg
67-66-3	Chloroform	0.69	U	0.69	5.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.80	U	0.80	5.10	ug/Kg
71-43-2	Benzene	0.74	U	0.74	5.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.62	U	0.62	5.10	ug/Kg
79-01-6	Trichloroethene	0.77	U	0.77	5.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.68	U	0.68	5.10	ug/Kg
75-27-4	Bromodichloromethane	0.57	U	0.57	5.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.50	U	4.50	25.6	ug/Kg
108-88-3	Toluene	0.69	U	0.69	5.10	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.61	U	0.61	5.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.58	U	0.58	5.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.86	U	0.86	5.10	ug/Kg
591-78-6	2-Hexanone	4.90	U	4.90	25.6	ug/Kg
124-48-1	Dibromochloromethane	0.67	U	0.67	5.10	ug/Kg
127-18-4	Tetrachloroethene	0.91	U	0.91	5.10	ug/Kg

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/26/25
Project:	Fisal	Date Received:	02/26/25
Client Sample ID:	P4RE	SDG No.:	Q1448
Lab Sample ID:	Q1448-05RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88
Sample Wt/Vol:	5.55 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021385.D	1		02/28/25 17:05	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.76	U	0.76	5.10	ug/Kg
100-41-4	Ethyl Benzene	0.63	U	0.63	5.10	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	10.2	ug/Kg
95-47-6	o-Xylene	0.72	U	0.72	5.10	ug/Kg
100-42-5	Styrene	0.61	U	0.61	5.10	ug/Kg
75-25-2	Bromoform	0.83	U	0.83	5.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	5.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.4		70 (63) - 130 (155)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		70 (70) - 130 (134)	110%	SPK: 50
2037-26-5	Toluene-d8	47.9		70 (74) - 130 (123)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.6		70 (38) - 130 (136)	77%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	127000	7.707			
540-36-3	1,4-Difluorobenzene	228000	8.615			
3114-55-4	Chlorobenzene-d5	196000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	63400	13.346			

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

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

Surrogate Summary

SDG No.: Q1448

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q1448-01	PSP1	1,2-Dichloroethane-d4	50	31.5	63	*	70 (63)	130 (155)
		Dibromofluoromethane	50	51.4	103		70 (70)	130 (134)
		Toluene-d8	50	41.4	83		70 (74)	130 (123)
		4-Bromofluorobenzene	50	16.2	32	*	70 (38)	130 (136)
Q1448-01RE	PSP1RE	1,2-Dichloroethane-d4	50	54.6	109		70 (63)	130 (155)
		Dibromofluoromethane	50	53.9	108		70 (70)	130 (134)
		Toluene-d8	50	48.6	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	41.8	84		70 (38)	130 (136)
Q1448-02	P1	1,2-Dichloroethane-d4	50	57.4	115		70 (63)	130 (155)
		Dibromofluoromethane	50	54.1	108		70 (70)	130 (134)
		Toluene-d8	50	47.2	94		70 (74)	130 (123)
		4-Bromofluorobenzene	50	40.6	81		70 (38)	130 (136)
Q1448-02RE	P1RE	1,2-Dichloroethane-d4	50	60.6	121		70 (63)	130 (155)
		Dibromofluoromethane	50	55.3	111		70 (70)	130 (134)
		Toluene-d8	50	48.0	96		70 (74)	130 (123)
		4-Bromofluorobenzene	50	41.1	82		70 (38)	130 (136)
Q1448-03	P2	1,2-Dichloroethane-d4	50	56.2	112		70 (63)	130 (155)
		Dibromofluoromethane	50	53.6	107		70 (70)	130 (134)
		Toluene-d8	50	47.3	95		70 (74)	130 (123)
		4-Bromofluorobenzene	50	38.5	77		70 (38)	130 (136)
Q1448-03RE	P2RE	1,2-Dichloroethane-d4	50	59.4	119		70 (63)	130 (155)
		Dibromofluoromethane	50	54.8	110		70 (70)	130 (134)
		Toluene-d8	50	47.4	95		70 (74)	130 (123)
		4-Bromofluorobenzene	50	38.7	77		70 (38)	130 (136)
Q1448-04	P3	1,2-Dichloroethane-d4	50	50.7	101		70 (63)	130 (155)
		Dibromofluoromethane	50	50.2	100		70 (70)	130 (134)
		Toluene-d8	50	53.1	106		70 (74)	130 (123)
		4-Bromofluorobenzene	50	35.5	71		70 (38)	130 (136)
Q1448-04ME	P3ME	1,2-Dichloroethane-d4	50	49.2	98		70 (63)	130 (155)
		Dibromofluoromethane	50	48.9	98		70 (70)	130 (134)
		Toluene-d8	50	50.7	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	54.6	109		70 (38)	130 (136)
Q1448-05	P4	1,2-Dichloroethane-d4	50	55.6	111		70 (63)	130 (155)
		Dibromofluoromethane	50	52.5	105		70 (70)	130 (134)
		Toluene-d8	50	46.8	94		70 (74)	130 (123)
		4-Bromofluorobenzene	50	41.2	82		70 (38)	130 (136)
Q1448-05RE	P4RE	1,2-Dichloroethane-d4	50	58.4	117		70 (63)	130 (155)
		Dibromofluoromethane	50	54.9	110		70 (70)	130 (134)
		Toluene-d8	50	47.9	96		70 (74)	130 (123)
		4-Bromofluorobenzene	50	38.6	77		70 (38)	130 (136)
VX0305MBL01	VX0305MBL01	1,2-Dichloroethane-d4	50	52.8	106		70 (63)	130 (155)
		Dibromofluoromethane	50	50.8	102		70 (70)	130 (134)
		Toluene-d8	50	51.4	103		70 (74)	130 (123)
		4-Bromofluorobenzene	50	52.4	105		70 (38)	130 (136)
VX0305MBS01	VX0305MBS01	1,2-Dichloroethane-d4	50	48.4	97		70 (63)	130 (155)
		Dibromofluoromethane	50	49.5	99		70 (70)	130 (134)
		Toluene-d8	50	50.5	101		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.2	100		70 (38)	130 (136)
VY0227SBL01	VY0227SBL01	1,2-Dichloroethane-d4	50	59.2	118		70 (63)	130 (155)
		Dibromofluoromethane	50	52.5	105		70 (70)	130 (134)

( ) = LABORATORY INHOUSE LIMIT

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

SDG No.: Q1448

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VY0227SBL01	VY0227SBL01	Toluene-d8	50	48.2	96	70 (74)	130 (123)
		4-Bromofluorobenzene	50	49.5	99	70 (38)	130 (136)
VY0227SBS01	VY0227SBS01	1,2-Dichloroethane-d4	50	51.1	102	70 (63)	130 (155)
		Dibromofluoromethane	50	52.3	105	70 (70)	130 (134)
		Toluene-d8	50	52.3	105	70 (74)	130 (123)
		4-Bromofluorobenzene	50	52.4	105	70 (38)	130 (136)
VY0227SBSD01	VY0227SBSD01	1,2-Dichloroethane-d4	50	45.2	90	70 (63)	130 (155)
		Dibromofluoromethane	50	45.6	91	70 (70)	130 (134)
		Toluene-d8	50	45.3	91	70 (74)	130 (123)
		4-Bromofluorobenzene	50	45.3	91	70 (38)	130 (136)
VY0228SBL01	VY0228SBL01	1,2-Dichloroethane-d4	50	52.2	104	70 (63)	130 (155)
		Dibromofluoromethane	50	52.0	104	70 (70)	130 (134)
		Toluene-d8	50	47.1	94	70 (74)	130 (123)
		4-Bromofluorobenzene	50	40.7	81	70 (38)	130 (136)
VY0228SBS01	VY0228SBS01	1,2-Dichloroethane-d4	50	43.2	86	70 (63)	130 (155)
		Dibromofluoromethane	50	45.7	91	70 (70)	130 (134)
		Toluene-d8	50	44.4	89	70 (74)	130 (123)
		4-Bromofluorobenzene	50	43.7	87	70 (38)	130 (136)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1448

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VX045131.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0305MBS01	Chloromethane	2000	1600	ug/Kg	80			40 (70)	160 (130)	
	Vinyl chloride	2000	1700	ug/Kg	85			70 (72)	130 (129)	
	Bromomethane	2000	1600	ug/Kg	80			40 (58)	160 (141)	
	Chloroethane	2000	1400	ug/Kg	70			40 (69)	160 (130)	
	Tert butyl alcohol	10000	7600	ug/Kg	76			70 (24)	130 (175)	
	1,1-Dichloroethene	2000	1700	ug/Kg	85			70 (79)	130 (121)	
	Acetone	10000	8500	ug/Kg	85			40 (60)	160 (131)	
	Carbon disulfide	2000	1500	ug/Kg	75			40 (45)	160 (154)	
	Methyl tert-butyl Ether	2000	1800	ug/Kg	90			70 (77)	130 (129)	
	Methylene Chloride	2000	1700	ug/Kg	85			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	2000	1800	ug/Kg	90			70 (80)	130 (123)	
	1,1-Dichloroethane	2000	1700	ug/Kg	85			70 (82)	130 (123)	
	2-Butanone	10000	9100	ug/Kg	91			40 (69)	160 (131)	
	Carbon Tetrachloride	2000	1800	ug/Kg	90			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	2000	1800	ug/Kg	90			70 (82)	130 (123)	
	Chloroform	2000	1800	ug/Kg	90			70 (82)	130 (125)	
	1,1,1-Trichloroethane	2000	1700	ug/Kg	85			70 (80)	130 (126)	
	Benzene	2000	1800	ug/Kg	90			70 (84)	130 (121)	
	1,2-Dichloroethane	2000	1800	ug/Kg	90			70 (81)	130 (126)	
	Trichloroethene	2000	1800	ug/Kg	90			70 (83)	130 (122)	
	1,2-Dichloropropane	2000	1800	ug/Kg	90			70 (83)	130 (122)	
	Bromodichloromethane	2000	1800	ug/Kg	90			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	10000	9400	ug/Kg	94			40 (70)	160 (135)	
	Toluene	2000	1900	ug/Kg	95			70 (83)	130 (122)	
	t-1,3-Dichloropropene	2000	1800	ug/Kg	90			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	2000	1900	ug/Kg	95			70 (81)	130 (122)	
	1,1,2-Trichloroethane	2000	1800	ug/Kg	90			70 (82)	130 (125)	
	2-Hexanone	10000	9500	ug/Kg	95			40 (66)	160 (138)	
	Dibromochloromethane	2000	1800	ug/Kg	90			70 (79)	130 (125)	
	Tetrachloroethene	2000	1800	ug/Kg	90			70 (83)	130 (125)	
	Chlorobenzene	2000	1800	ug/Kg	90			70 (84)	130 (122)	
	Ethyl Benzene	2000	1800	ug/Kg	90			70 (82)	130 (124)	
	m/p-Xylenes	4000	3800	ug/Kg	95			70 (83)	130 (124)	
	o-Xylene	2000	1900	ug/Kg	95			70 (83)	130 (123)	
	Styrene	2000	1900	ug/Kg	95			70 (82)	130 (124)	
	Bromoform	2000	1700	ug/Kg	85			70 (75)	130 (127)	
	1,1,2,2-Tetrachloroethane	2000	1800	ug/Kg	90			70 (77)	130 (127)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1448

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021348.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0227SBS01	Chloromethane	20	18.5	ug/Kg	93			40 (70)	160 (130)	
	Vinyl chloride	20	19.3	ug/Kg	97			70 (72)	130 (129)	
	Bromomethane	20	19.1	ug/Kg	96			40 (58)	160 (141)	
	Chloroethane	20	19.9	ug/Kg	100			40 (69)	160 (130)	
	Tert butyl alcohol	100	88.9	ug/Kg	89			70 (24)	130 (175)	
	1,1-Dichloroethene	20	19.9	ug/Kg	100			70 (79)	130 (121)	
	Acetone	100	110	ug/Kg	110			40 (60)	160 (131)	
	Carbon disulfide	20	18.5	ug/Kg	93			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	19.1	ug/Kg	96			70 (77)	130 (129)	
	Methylene Chloride	20	19.9	ug/Kg	100			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	19.6	ug/Kg	98			70 (80)	130 (123)	
	1,1-Dichloroethane	20	19.5	ug/Kg	98			70 (82)	130 (123)	
	2-Butanone	100	97.4	ug/Kg	97			40 (69)	160 (131)	
	Carbon Tetrachloride	20	19.9	ug/Kg	100			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	19.5	ug/Kg	98			70 (82)	130 (123)	
	Chloroform	20	20.1	ug/Kg	101			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	20.0	ug/Kg	100			70 (80)	130 (126)	
	Benzene	20	19.9	ug/Kg	100			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.3	ug/Kg	102			70 (81)	130 (126)	
	Trichloroethene	20	20.0	ug/Kg	100			70 (83)	130 (122)	
	1,2-Dichloropropane	20	19.8	ug/Kg	99			70 (83)	130 (122)	
	Bromodichloromethane	20	20.2	ug/Kg	101			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	92.0	ug/Kg	92			40 (70)	160 (135)	
	Toluene	20	20.2	ug/Kg	101			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.5	ug/Kg	98			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.4	ug/Kg	97			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.1	ug/Kg	101			70 (82)	130 (125)	
	2-Hexanone	100	95.9	ug/Kg	96			40 (66)	160 (138)	
	Dibromochloromethane	20	19.8	ug/Kg	99			70 (79)	130 (125)	
	Tetrachloroethene	20	19.9	ug/Kg	100			70 (83)	130 (125)	
	Chlorobenzene	20	19.8	ug/Kg	99			70 (84)	130 (122)	
	Ethyl Benzene	20	20.1	ug/Kg	101			70 (82)	130 (124)	
	m/p-Xylenes	40	40.4	ug/Kg	101			70 (83)	130 (124)	
	o-Xylene	20	19.8	ug/Kg	99			70 (83)	130 (123)	
	Styrene	20	19.8	ug/Kg	99			70 (82)	130 (124)	
	Bromoform	20	19.9	ug/Kg	100			70 (75)	130 (127)	
	1,1,2,2-Tetrachloroethane	20	18.9	ug/Kg	95			70 (77)	130 (127)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1448

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021349.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0227SBSD01	Chloromethane	20	18.3	ug/Kg	92	1		40 (70)	160 (130)	30 (20)
	Vinyl chloride	20	18.6	ug/Kg	93	4		70 (72)	130 (129)	30 (20)
	Bromomethane	20	18.6	ug/Kg	93	3		40 (58)	160 (141)	30 (20)
	Chloroethane	20	19.7	ug/Kg	99	1		40 (69)	160 (130)	30 (20)
	Tert butyl alcohol	100	96.4	ug/Kg	96	8		70 (24)	130 (175)	30 (20)
	1,1-Dichloroethene	20	19.5	ug/Kg	98	2		70 (79)	130 (121)	30 (20)
	Acetone	100	100	ug/Kg	100	10		40 (60)	160 (131)	30 (20)
	Carbon disulfide	20	18.4	ug/Kg	92	1		40 (45)	160 (154)	30 (20)
	Methyl tert-butyl Ether	20	19.9	ug/Kg	100	4		70 (77)	130 (129)	30 (20)
	Methylene Chloride	20	20.8	ug/Kg	104	4		70 (56)	130 (174)	30 (20)
	trans-1,2-Dichloroethene	20	19.4	ug/Kg	97	1		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	19.3	ug/Kg	97	1		70 (82)	130 (123)	30 (20)
	2-Butanone	100	100	ug/Kg	100	3		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	19.8	ug/Kg	99	1		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	19.7	ug/Kg	99	1		70 (82)	130 (123)	30 (20)
	Chloroform	20	19.9	ug/Kg	100	1		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	19.7	ug/Kg	99	1		70 (80)	130 (126)	30 (20)
	Benzene	20	19.8	ug/Kg	99	1		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	20.4	ug/Kg	102	0		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	20.0	ug/Kg	100	0		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	19.6	ug/Kg	98	1		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	20.2	ug/Kg	101	0		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	99.2	ug/Kg	99	7		40 (70)	160 (135)	30 (20)
	Toluene	20	19.9	ug/Kg	100	1		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	19.7	ug/Kg	99	1		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	19.5	ug/Kg	98	1		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	20.3	ug/Kg	102	1		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	99.7	ug/Kg	100	4		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	20.6	ug/Kg	103	4		70 (79)	130 (125)	30 (20)
	Tetrachloroethene	20	19.7	ug/Kg	99	1		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	19.6	ug/Kg	98	1		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	19.7	ug/Kg	99	2		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	39.4	ug/Kg	99	2		70 (83)	130 (124)	30 (20)
	o-Xylene	20	19.7	ug/Kg	99	0		70 (83)	130 (123)	30 (20)
	Styrene	20	19.5	ug/Kg	98	1		70 (82)	130 (124)	30 (20)
	Bromoform	20	19.9	ug/Kg	100	0		70 (75)	130 (127)	30 (20)
	1,1,2,2-Tetrachloroethane	20	20.3	ug/Kg	102	7		70 (77)	130 (127)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1448

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021377.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0228SBS01	Chloromethane	20	17.7	ug/Kg	89			40 (70)	160 (130)	
	Vinyl chloride	20	19.3	ug/Kg	97			70 (72)	130 (129)	
	Bromomethane	20	20.1	ug/Kg	101			40 (58)	160 (141)	
	Chloroethane	20	20.1	ug/Kg	101			40 (69)	160 (130)	
	Tert butyl alcohol	100	82.2	ug/Kg	82			70 (24)	130 (175)	
	1,1-Dichloroethene	20	18.8	ug/Kg	94			70 (79)	130 (121)	
	Acetone	100	77.6	ug/Kg	78			40 (60)	160 (131)	
	Carbon disulfide	20	17.4	ug/Kg	87			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	18.8	ug/Kg	94			70 (77)	130 (129)	
	Methylene Chloride	20	19.1	ug/Kg	96			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	18.4	ug/Kg	92			70 (80)	130 (123)	
	1,1-Dichloroethane	20	18.2	ug/Kg	91			70 (82)	130 (123)	
	2-Butanone	100	83.5	ug/Kg	84			40 (69)	160 (131)	
	Carbon Tetrachloride	20	19.5	ug/Kg	98			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	18.7	ug/Kg	94			70 (82)	130 (123)	
	Chloroform	20	18.9	ug/Kg	95			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	19.1	ug/Kg	96			70 (80)	130 (126)	
	Benzene	20	19.1	ug/Kg	96			70 (84)	130 (121)	
	1,2-Dichloroethane	20	19.5	ug/Kg	98			70 (81)	130 (126)	
	Trichloroethene	20	19.6	ug/Kg	98			70 (83)	130 (122)	
	1,2-Dichloropropane	20	19.0	ug/Kg	95			70 (83)	130 (122)	
	Bromodichloromethane	20	19.7	ug/Kg	99			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	92.3	ug/Kg	92			40 (70)	160 (135)	
	Toluene	20	19.3	ug/Kg	97			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	18.6	ug/Kg	93			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	18.7	ug/Kg	94			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	19.7	ug/Kg	99			70 (82)	130 (125)	
	2-Hexanone	100	91.3	ug/Kg	91			40 (66)	160 (138)	
	Dibromochloromethane	20	20.4	ug/Kg	102			70 (79)	130 (125)	
	Tetrachloroethene	20	20.4	ug/Kg	102			70 (83)	130 (125)	
	Chlorobenzene	20	19.7	ug/Kg	99			70 (84)	130 (122)	
	Ethyl Benzene	20	19.1	ug/Kg	96			70 (82)	130 (124)	
	m/p-Xylenes	40	39.2	ug/Kg	98			70 (83)	130 (124)	
	o-Xylene	20	19.4	ug/Kg	97			70 (83)	130 (123)	
	Styrene	20	19.6	ug/Kg	98			70 (82)	130 (124)	
	Bromoform	20	20.2	ug/Kg	101			70 (75)	130 (127)	
	1,1,2,2-Tetrachloroethane	20	19.2	ug/Kg	96			70 (77)	130 (127)	

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0305MBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VX045128.D Lab Sample ID: VX0305MBL01

Date Analyzed: 03/05/2025 Time Analyzed: 09:39

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
VX0305MBS01	VX0305MBS01	VX045131.D	03/05/2025
P3ME	Q1448-04ME	VX045133.D	03/05/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0227SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VY021347.D Lab Sample ID: VY0227SBL01

Date Analyzed: 02/27/2025 Time Analyzed: 10:42

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0227SBS01	VY0227SBS01	VY021348.D	02/27/2025
VY0227SBSD01	VY0227SBSD01	VY021349.D	02/27/2025
PSP1	Q1448-01	VY021366.D	02/27/2025
P1	Q1448-02	VY021367.D	02/27/2025
P2	Q1448-03	VY021368.D	02/27/2025
P3	Q1448-04	VY021369.D	02/27/2025
P4	Q1448-05	VY021370.D	02/27/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0228SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VY021376.D Lab Sample ID: VY0228SBL01

Date Analyzed: 02/28/2025 Time Analyzed: 10:59

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0228SBS01	VY0228SBS01	VY021377.D	02/28/2025
PSP1RE	Q1448-01RE	VY021382.D	02/28/2025
P1RE	Q1448-02RE	VY021383.D	02/28/2025
P2RE	Q1448-03RE	VY021384.D	02/28/2025
P4RE	Q1448-05RE	VY021385.D	02/28/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VX045067.D BFB Injection Date: 02/28/2025

Instrument ID: MSVOA_X BFB Injection Time: 01:03

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5.8 (7.9) 1
176	95.0 - 101.0% of mass 174	70.6 (95.6) 1
177	5.0 - 9.0% of mass 176	4.3 (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
VSTDICC001	VSTDICC001	VX045068.D	02/28/2025	01:27
VSTDICC005	VSTDICC005	VX045069.D	02/28/2025	02:13
VSTDICC020	VSTDICC020	VX045070.D	02/28/2025	02:37
VSTDICCC050	VSTDICCC050	VX045071.D	02/28/2025	03:00
VSTDICC100	VSTDICC100	VX045072.D	02/28/2025	03:23
VSTDICC150	VSTDICC150	VX045073.D	02/28/2025	03:47

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VX045126.D BFB Injection Date: 03/05/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:40

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
75	30.0 - 60.0% of mass 95	53.5
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	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	77
175	5.0 - 9.0% of mass 174	5.1 (6.7) 1
176	95.0 - 101.0% of mass 174	73.3 (95.1) 1
177	5.0 - 9.0% of mass 176	5 (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	VX045127.D	03/05/2025	09:12
VX0305MBL01	VX0305MBL01	VX045128.D	03/05/2025	09:39
VX0305MBS01	VX0305MBS01	VX045131.D	03/05/2025	10:53
P3ME	Q1448-04ME	VX045133.D	03/05/2025	11:40

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VY021308.D BFB Injection Date: 02/25/2025

Instrument ID: MSVOA_Y BFB Injection Time: 12:10

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.8
75	30.0 - 60.0% of mass 95	55.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.7 (0.8) 1
174	50.0 - 100.0% of mass 95	84.7
175	5.0 - 9.0% of mass 174	6.4 (7.5) 1
176	95.0 - 101.0% of mass 174	83.6 (98.8) 1
177	5.0 - 9.0% of mass 176	5.5 (6.5) 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
VSTDICC005	VSTDICC005	VY021309.D	02/25/2025	12:40
VSTDICC010	VSTDICC010	VY021310.D	02/25/2025	13:03
VSTDICC020	VSTDICC020	VY021311.D	02/25/2025	13:26
VSTDICCC050	VSTDICCC050	VY021312.D	02/25/2025	14:48
VSTDICC150	VSTDICC150	VY021314.D	02/25/2025	15:57
VSTDICC100	VSTDICC100	VY021316.D	02/25/2025	16:49

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VY021345.D BFB Injection Date: 02/27/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:41

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21.8
75	30.0 - 60.0% of mass 95	54.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1.2 (1.4) 1
174	50.0 - 100.0% of mass 95	83.3
175	5.0 - 9.0% of mass 174	6.5 (7.8) 1
176	95.0 - 101.0% of mass 174	80.4 (96.4) 1
177	5.0 - 9.0% of mass 176	5.2 (6.5) 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	VY021346.D	02/27/2025	10:13
VY0227SBL01	VY0227SBL01	VY021347.D	02/27/2025	10:42
VY0227SBS01	VY0227SBS01	VY021348.D	02/27/2025	11:18
VY0227SBSD01	VY0227SBSD01	VY021349.D	02/27/2025	11:40
PSP1	Q1448-01	VY021366.D	02/27/2025	18:19
P1	Q1448-02	VY021367.D	02/27/2025	18:42
P2	Q1448-03	VY021368.D	02/27/2025	19:06
P3	Q1448-04	VY021369.D	02/27/2025	19:29
P4	Q1448-05	VY021370.D	02/27/2025	19:52

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VY021374.D BFB Injection Date: 02/28/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:03

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.7
75	30.0 - 60.0% of mass 95	56.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	1.4 (1.6) 1
174	50.0 - 100.0% of mass 95	84
175	5.0 - 9.0% of mass 174	6.5 (7.7) 1
176	95.0 - 101.0% of mass 174	80.5 (95.9) 1
177	5.0 - 9.0% of mass 176	5.2 (6.5) 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	VY021375.D	02/28/2025	09:44
VY0228SBL01	VY0228SBL01	VY021376.D	02/28/2025	10:59
VY0228SBS01	VY0228SBS01	VY021377.D	02/28/2025	11:32
PSP1RE	Q1448-01RE	VY021382.D	02/28/2025	15:55
P1RE	Q1448-02RE	VY021383.D	02/28/2025	16:18
P2RE	Q1448-03RE	VY021384.D	02/28/2025	16:41
P4RE	Q1448-05RE	VY021385.D	02/28/2025	17:05

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VX045127.D Date Analyzed: 03/05/2025

Instrument ID: MSVOA_X Time Analyzed: 09:12

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	112291	5.54	190470	6.75	164207	10.05
UPPER LIMIT	224582	6.044	380940	7.251	328414	10.549
LOWER LIMIT	56145.5	5.044	95235	6.251	82103.5	9.549
EPA SAMPLE NO.						
P3ME	67331	5.54	128533	6.76	115484	10.06
VX0305MBL01	68268	5.54	138238	6.76	127715	10.05
VX0305MBS01	93506	5.54	165212	6.76	145087	10.06

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.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VX045127.D Date Analyzed: 03/05/2025

Instrument ID: MSVOA_X Time Analyzed: 09:12

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

	IS4 AREA #	RT #				
12 HOUR STD	74481	12.018				
UPPER LIMIT	148962	12.518				
LOWER LIMIT	37240.5	11.518				
EPA SAMPLE NO.						
P3ME	55033	12.02				
VX0305MBL01	54682	12.02				
VX0305MBS01	66055	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.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VY021346.D Date Analyzed: 02/27/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:13

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #		RT #	IS2 AREA #		RT #	IS3 AREA #		RT #
12 HOUR STD	216838		7.71	336652		8.62	298167		11.42
UPPER LIMIT	433676		8.207	673304		9.116	596334		11.92
LOWER LIMIT	108419		7.207	168326		8.116	149084		10.92
EPA SAMPLE NO.									
PSP1	12088	*	7.71	15555	*	8.62	8208	*	11.42
P1	108147	*	7.71	190726		8.62	166640		11.41
P2	110830		7.71	195290		8.62	166522		11.41
P3	116202		7.71	199239		8.61	161221		11.41
P4	106086	*	7.71	190393		8.62	166895		11.41
VY0227SBL01	140233		7.71	264026		8.62	255103		11.41
VY0227SBS01	199987		7.71	311959		8.62	272418		11.41
VY0227SBSD01	198659		7.71	310671		8.61	272052		11.41

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.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VY021346.D Date Analyzed: 02/27/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:13

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #		RT #				
12 HOUR STD	146841		13.347				
UPPER LIMIT	293682		13.847				
LOWER LIMIT	73420.5		12.847				
EPA SAMPLE NO.							
PSP1	1197	*	13.35				
P1	61007	*	13.35				
P2	57355	*	13.35				
P3	42795	*	13.35				
P4	65580	*	13.35				
VY0227SBL01	107368		13.35				
VY0227SBS01	138215		13.35				
VY0227SBSD01	137933		13.35				

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.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VY021375.D Date Analyzed: 02/28/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:44

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	170466	7.71	255493	8.62	227302	11.42
UPPER LIMIT	340932	8.207	510986	9.116	454604	11.92
LOWER LIMIT	85233	7.207	127747	8.116	113651	10.92
EPA SAMPLE NO.						
PSP1RE	129382	7.71	230156	8.62	205658	11.41
P1RE	128523	7.70	234842	8.62	209615	11.41
P2RE	121901	7.71	220759	8.62	190273	11.41
P4RE	127050	7.71	227538	8.62	195919	11.41
VY0228SBL01	105534	7.71	180558	8.62	159029	11.42
VY0228SBS01	168970	7.71	257471	8.62	224033	11.42

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.: Q1448 SAS No.: Q1448 SDG NO.: Q1448

Lab File ID: VY021375.D Date Analyzed: 02/28/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:44

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	113605	13.353				
UPPER LIMIT	227210	13.853				
LOWER LIMIT	56802.5	12.853				
EPA SAMPLE NO.						
PSP1RE	76917	13.35				
P1RE	75987	13.35				
P2RE	61708	13.35				
P4RE	63405	13.35				
VY0228SBL01	59388	13.35				
VY0228SBS01	115456	13.35				

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:	Fisal	Date Received:	
Client Sample ID:	VX0305MBL01	SDG No.:	Q1448
Lab Sample ID:	VX0305MBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045128.D	1		03/05/25 09:39	VX030525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	120	U	120	500	ug/Kg
75-01-4	Vinyl Chloride	77.0	U	77.0	500	ug/Kg
74-83-9	Bromomethane	100	U	100	500	ug/Kg
75-00-3	Chloroethane	100	U	100	500	ug/Kg
75-65-0	Tert butyl alcohol	1600	U	1600	2500	ug/Kg
75-35-4	1,1-Dichloroethene	78.0	U	78.0	500	ug/Kg
67-64-1	Acetone	620	U	620	2500	ug/Kg
75-15-0	Carbon Disulfide	130	U	130	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	67.0	U	67.0	500	ug/Kg
75-09-2	Methylene Chloride	340	U	340	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	84.0	U	84.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	63.0	U	63.0	500	ug/Kg
78-93-3	2-Butanone	570	U	570	2500	ug/Kg
56-23-5	Carbon Tetrachloride	87.0	U	87.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	61.0	U	61.0	500	ug/Kg
67-66-3	Chloroform	67.0	U	67.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	78.0	U	78.0	500	ug/Kg
71-43-2	Benzene	72.0	U	72.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	61.0	U	61.0	500	ug/Kg
79-01-6	Trichloroethene	75.0	U	75.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	66.0	U	66.0	500	ug/Kg
75-27-4	Bromodichloromethane	56.0	U	56.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	440	U	440	2500	ug/Kg
108-88-3	Toluene	67.0	U	67.0	500	ug/Kg
10061-02-6	t-1,3-Dichloropropene	60.0	U	60.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	57.0	U	57.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	84.0	U	84.0	500	ug/Kg
591-78-6	2-Hexanone	480	U	480	2500	ug/Kg
124-48-1	Dibromochloromethane	65.0	U	65.0	500	ug/Kg
127-18-4	Tetrachloroethene	89.0	U	89.0	500	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Fisal	Date Received:	
Client Sample ID:	VX0305MBL01	SDG No.:	Q1448
Lab Sample ID:	VX0305MBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045128.D	1		03/05/25 09:39	VX030525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	74.0	U	74.0	500	ug/Kg
100-41-4	Ethyl Benzene	62.0	U	62.0	500	ug/Kg
179601-23-1	m/p-Xylenes	140	U	140	1000	ug/Kg
95-47-6	o-Xylene	70.0	U	70.0	500	ug/Kg
100-42-5	Styrene	60.0	U	60.0	500	ug/Kg
75-25-2	Bromoform	81.0	U	81.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	110	U	110	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.8		70 (63) - 130 (155)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	51.3		70 (74) - 130 (123)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		70 (38) - 130 (136)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68300	5.544			
540-36-3	1,4-Difluorobenzene	138000	6.757			
3114-55-4	Chlorobenzene-d5	128000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	54700	12.024			

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:	Fisal	Date Received:	
Client Sample ID:	VY0227SBL01	SDG No.:	Q1448
Lab Sample ID:	VY0227SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021347.D	1		02/27/25 10:42	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.20	U	1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.77	U	0.77	5.00	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	5.00	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	5.00	ug/Kg
75-65-0	Tert butyl alcohol	15.6	U	15.6	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	0.78	U	0.78	5.00	ug/Kg
67-64-1	Acetone	6.20	U	6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.67	U	0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	3.40	U	3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.84	U	0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.63	U	0.63	5.00	ug/Kg
78-93-3	2-Butanone	5.70	U	5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.87	U	0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.61	U	0.61	5.00	ug/Kg
67-66-3	Chloroform	0.67	U	0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.78	U	0.78	5.00	ug/Kg
71-43-2	Benzene	0.72	U	0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.61	U	0.61	5.00	ug/Kg
79-01-6	Trichloroethene	0.75	U	0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.66	U	0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.56	U	0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.40	U	4.40	25.0	ug/Kg
108-88-3	Toluene	0.67	U	0.67	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.60	U	0.60	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.57	U	0.57	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.84	U	0.84	5.00	ug/Kg
591-78-6	2-Hexanone	4.80	U	4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.65	U	0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	0.89	U	0.89	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Fisal	Date Received:	
Client Sample ID:	VY0227SBL01	SDG No.:	Q1448
Lab Sample ID:	VY0227SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021347.D	1		02/27/25 10:42	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.74	U	0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.62	U	0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	10.0	ug/Kg
95-47-6	o-Xylene	0.70	U	0.70	5.00	ug/Kg
100-42-5	Styrene	0.60	U	0.60	5.00	ug/Kg
75-25-2	Bromoform	0.81	U	0.81	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.2		70 (63) - 130 (155)	118%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (70) - 130 (134)	105%	SPK: 50
2037-26-5	Toluene-d8	48.2		70 (74) - 130 (123)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.5		70 (38) - 130 (136)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	140000	7.707			
540-36-3	1,4-Difluorobenzene	264000	8.615			
3114-55-4	Chlorobenzene-d5	255000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	107000	13.346			

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:	Fisal	Date Received:	
Client Sample ID:	VY0228SBL01	SDG No.:	Q1448
Lab Sample ID:	VY0228SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021376.D	1		02/28/25 10:59	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.20	U	1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.77	U	0.77	5.00	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	5.00	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	5.00	ug/Kg
75-65-0	Tert butyl alcohol	15.6	U	15.6	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	0.78	U	0.78	5.00	ug/Kg
67-64-1	Acetone	6.20	U	6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.67	U	0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	3.40	U	3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.84	U	0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.63	U	0.63	5.00	ug/Kg
78-93-3	2-Butanone	5.70	U	5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.87	U	0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.61	U	0.61	5.00	ug/Kg
67-66-3	Chloroform	0.67	U	0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.78	U	0.78	5.00	ug/Kg
71-43-2	Benzene	0.72	U	0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.61	U	0.61	5.00	ug/Kg
79-01-6	Trichloroethene	0.75	U	0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.66	U	0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.56	U	0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.40	U	4.40	25.0	ug/Kg
108-88-3	Toluene	0.67	U	0.67	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.60	U	0.60	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.57	U	0.57	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.84	U	0.84	5.00	ug/Kg
591-78-6	2-Hexanone	4.80	U	4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.65	U	0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	0.89	U	0.89	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Fisal	Date Received:	
Client Sample ID:	VY0228SBL01	SDG No.:	Q1448
Lab Sample ID:	VY0228SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021376.D	1		02/28/25 10:59	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.74	U	0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.62	U	0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.40	U	1.40	10.0	ug/Kg
95-47-6	o-Xylene	0.70	U	0.70	5.00	ug/Kg
100-42-5	Styrene	0.60	U	0.60	5.00	ug/Kg
75-25-2	Bromoform	0.81	U	0.81	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		70 (63) - 130 (155)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (70) - 130 (134)	104%	SPK: 50
2037-26-5	Toluene-d8	47.1		70 (74) - 130 (123)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.7		70 (38) - 130 (136)	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	106000	7.713			
540-36-3	1,4-Difluorobenzene	181000	8.616			
3114-55-4	Chlorobenzene-d5	159000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	59400	13.353			

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
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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:	Fisal	Date Received:	
Client Sample ID:	VX0305MBS01	SDG No.:	Q1448
Lab Sample ID:	VX0305MBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045131.D	1		03/05/25 10:53	VX030525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1600		120	500	ug/Kg
75-01-4	Vinyl Chloride	1700		77.0	500	ug/Kg
74-83-9	Bromomethane	1600		100	500	ug/Kg
75-00-3	Chloroethane	1400		100	500	ug/Kg
75-65-0	Tert butyl alcohol	7600		1600	2500	ug/Kg
75-35-4	1,1-Dichloroethene	1700		78.0	500	ug/Kg
67-64-1	Acetone	8500		620	2500	ug/Kg
75-15-0	Carbon Disulfide	1500		130	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1800		67.0	500	ug/Kg
75-09-2	Methylene Chloride	1700		340	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1800		84.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	1700		63.0	500	ug/Kg
78-93-3	2-Butanone	9100		570	2500	ug/Kg
56-23-5	Carbon Tetrachloride	1800		87.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1800		61.0	500	ug/Kg
67-66-3	Chloroform	1800		67.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	1700		78.0	500	ug/Kg
71-43-2	Benzene	1800		72.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	1800		61.0	500	ug/Kg
79-01-6	Trichloroethene	1800		75.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	1800		66.0	500	ug/Kg
75-27-4	Bromodichloromethane	1800		56.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	9400		440	2500	ug/Kg
108-88-3	Toluene	1900		67.0	500	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1800		60.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1900		57.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	1800		84.0	500	ug/Kg
591-78-6	2-Hexanone	9500		480	2500	ug/Kg
124-48-1	Dibromochloromethane	1800		65.0	500	ug/Kg
127-18-4	Tetrachloroethene	1800		89.0	500	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Fisal	Date Received:	
Client Sample ID:	VX0305MBS01	SDG No.:	Q1448
Lab Sample ID:	VX0305MBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group2
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045131.D	1		03/05/25 10:53	VX030525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	1800		74.0	500	ug/Kg
100-41-4	Ethyl Benzene	1800		62.0	500	ug/Kg
179601-23-1	m/p-Xylenes	3800		140	1000	ug/Kg
95-47-6	o-Xylene	1900		70.0	500	ug/Kg
100-42-5	Styrene	1900		60.0	500	ug/Kg
75-25-2	Bromoform	1700		81.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1800		110	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.4		70 (63) - 130 (155)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 (70) - 130 (134)	99%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (74) - 130 (123)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		70 (38) - 130 (136)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	93500	5.544			
540-36-3	1,4-Difluorobenzene	165000	6.757			
3114-55-4	Chlorobenzene-d5	145000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	66100	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:	Fisal	Date Received:	
Client Sample ID:	VY0227SBS01	SDG No.:	Q1448
Lab Sample ID:	VY0227SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021348.D	1		02/27/25 11:18	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	18.5		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	19.3		0.77	5.00	ug/Kg
74-83-9	Bromomethane	19.1		1.00	5.00	ug/Kg
75-00-3	Chloroethane	19.9		1.00	5.00	ug/Kg
75-65-0	Tert butyl alcohol	88.9		15.6	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	19.9		0.78	5.00	ug/Kg
67-64-1	Acetone	110		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.5		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.1		0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	19.9		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.6		0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.5		0.63	5.00	ug/Kg
78-93-3	2-Butanone	97.4		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.9		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.5		0.61	5.00	ug/Kg
67-66-3	Chloroform	20.1		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.0		0.78	5.00	ug/Kg
71-43-2	Benzene	19.9		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.3		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	20.0		0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.8		0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.2		0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	92.0		4.40	25.0	ug/Kg
108-88-3	Toluene	20.2		0.67	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.5		0.60	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.4		0.57	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.1		0.84	5.00	ug/Kg
591-78-6	2-Hexanone	95.9		4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.8		0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.9		0.89	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Fisal	Date Received:	
Client Sample ID:	VY0227SBS01	SDG No.:	Q1448
Lab Sample ID:	VY0227SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021348.D	1		02/27/25 11:18	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	19.8		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.4		1.40	10.0	ug/Kg
95-47-6	o-Xylene	19.8		0.70	5.00	ug/Kg
100-42-5	Styrene	19.8		0.60	5.00	ug/Kg
75-25-2	Bromoform	19.9		0.81	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (63) - 130 (155)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		70 (70) - 130 (134)	105%	SPK: 50
2037-26-5	Toluene-d8	52.3		70 (74) - 130 (123)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		70 (38) - 130 (136)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	200000	7.707			
540-36-3	1,4-Difluorobenzene	312000	8.616			
3114-55-4	Chlorobenzene-d5	272000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	138000	13.346			

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
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J = Estimated Value
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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:	Fisal	Date Received:	
Client Sample ID:	VY0228SBS01	SDG No.:	Q1448
Lab Sample ID:	VY0228SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021377.D	1		02/28/25 11:32	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	17.7		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	19.3		0.77	5.00	ug/Kg
74-83-9	Bromomethane	20.1		1.00	5.00	ug/Kg
75-00-3	Chloroethane	20.1		1.00	5.00	ug/Kg
75-65-0	Tert butyl alcohol	82.2		15.6	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	18.8		0.78	5.00	ug/Kg
67-64-1	Acetone	77.6		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.4		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	18.8		0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	19.1		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	18.4		0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	18.2		0.63	5.00	ug/Kg
78-93-3	2-Butanone	83.5		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.5		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	18.7		0.61	5.00	ug/Kg
67-66-3	Chloroform	18.9		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.1		0.78	5.00	ug/Kg
71-43-2	Benzene	19.1		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.5		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	19.6		0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.0		0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	19.7		0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	92.3		4.40	25.0	ug/Kg
108-88-3	Toluene	19.3		0.67	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	18.6		0.60	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	18.7		0.57	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	19.7		0.84	5.00	ug/Kg
591-78-6	2-Hexanone	91.3		4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.4		0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.4		0.89	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Fisal	Date Received:	
Client Sample ID:	VY0228SBS01	SDG No.:	Q1448
Lab Sample ID:	VY0228SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021377.D	1		02/28/25 11:32	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	19.7		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.1		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.2		1.40	10.0	ug/Kg
95-47-6	o-Xylene	19.4		0.70	5.00	ug/Kg
100-42-5	Styrene	19.6		0.60	5.00	ug/Kg
75-25-2	Bromoform	20.2		0.81	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.2		1.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.2		70 (63) - 130 (155)	86%	SPK: 50
1868-53-7	Dibromofluoromethane	45.7		70 (70) - 130 (134)	91%	SPK: 50
2037-26-5	Toluene-d8	44.3		70 (74) - 130 (123)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.7		70 (38) - 130 (136)	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	169000	7.707			
540-36-3	1,4-Difluorobenzene	257000	8.616			
3114-55-4	Chlorobenzene-d5	224000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	115000	13.346			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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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
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A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Fisal	Date Received:	
Client Sample ID:	VY0227SBSD01	SDG No.:	Q1448
Lab Sample ID:	VY0227SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021349.D	1		02/27/25 11:40	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	18.3		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	18.6		0.77	5.00	ug/Kg
74-83-9	Bromomethane	18.6		1.00	5.00	ug/Kg
75-00-3	Chloroethane	19.7		1.00	5.00	ug/Kg
75-65-0	Tert butyl alcohol	96.4		15.6	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	19.5		0.78	5.00	ug/Kg
67-64-1	Acetone	100		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.4		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.9		0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	20.8		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.4		0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	19.3		0.63	5.00	ug/Kg
78-93-3	2-Butanone	100		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.8		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.7		0.61	5.00	ug/Kg
67-66-3	Chloroform	19.9		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.7		0.78	5.00	ug/Kg
71-43-2	Benzene	19.8		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	20.0		0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	19.6		0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.2		0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	99.2		4.40	25.0	ug/Kg
108-88-3	Toluene	19.9		0.67	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.7		0.60	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.5		0.57	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.3		0.84	5.00	ug/Kg
591-78-6	2-Hexanone	99.7		4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.6		0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.7		0.89	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Fisal	Date Received:	
Client Sample ID:	VY0227SBSD01	SDG No.:	Q1448
Lab Sample ID:	VY0227SBSD01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021349.D	1		02/27/25 11:40	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	19.6		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.7		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.4		1.40	10.0	ug/Kg
95-47-6	o-Xylene	19.7		0.70	5.00	ug/Kg
100-42-5	Styrene	19.5		0.60	5.00	ug/Kg
75-25-2	Bromoform	19.9		0.81	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.2		70 (63) - 130 (155)	90%	SPK: 50
1868-53-7	Dibromofluoromethane	45.6		70 (70) - 130 (134)	91%	SPK: 50
2037-26-5	Toluene-d8	45.3		70 (74) - 130 (123)	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.3		70 (38) - 130 (136)	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	199000	7.707			
540-36-3	1,4-Difluorobenzene	311000	8.61			
3114-55-4	Chlorobenzene-d5	272000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	138000	13.347			

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,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chloromethane	0.755	0.821	0.828	0.753	0.721	0.744	0.770	5.7
Vinyl Chloride	0.773	0.755	0.774	0.761	0.765	0.758	0.764	1
Bromomethane		0.337	0.298	0.292	0.284	0.291	0.300	7
Chloroethane	0.373	0.421	0.366	0.373	0.297	0.286	0.352	14.5
Tert butyl alcohol		0.189	0.161	0.134	0.133	0.136	0.151	16.2
1,1-Dichloroethene	0.609	0.620	0.612	0.623	0.620	0.603	0.614	1.3
Acetone	0.414	0.363	0.384	0.351	0.345	0.356	0.369	7
Carbon Disulfide	1.584	1.582	1.587	1.660	1.708	1.698	1.636	3.6
Methyl tert-butyl Ether	1.955	1.913	2.127	2.083	2.132	2.158	2.061	5
Methylene Chloride	0.806	0.730	0.752	0.698	0.694	0.706	0.731	5.8
trans-1,2-Dichloroethene	0.540	0.619	0.603	0.631	0.634	0.616	0.607	5.7
1,1-Dichloroethane	1.200	1.223	1.280	1.242	1.270	1.264	1.247	2.5
2-Butanone	0.476	0.545	0.610	0.579	0.553	0.570	0.555	8.1
Carbon Tetrachloride	0.463	0.463	0.447	0.468	0.489	0.463	0.465	3
cis-1,2-Dichloroethene	0.687	0.746	0.765	0.762	0.767	0.769	0.749	4.2
Chloroform	1.206	1.247	1.278	1.246	1.230	1.225	1.239	2
1,1,1-Trichloroethane	0.908	0.992	1.009	1.024	1.044	1.025	1.000	4.8
Benzene	1.321	1.459	1.491	1.496	1.497	1.424	1.448	4.7
1,2-Dichloroethane	0.487	0.525	0.545	0.528	0.524	0.520	0.521	3.6
Trichloroethene	0.319	0.351	0.339	0.341	0.354	0.336	0.340	3.7
1,2-Dichloropropane	0.354	0.378	0.382	0.371	0.376	0.373	0.372	2.7
Bromodichloromethane	0.478	0.503	0.536	0.524	0.528	0.528	0.516	4.2
4-Methyl-2-Pentanone	0.535	0.570	0.647	0.610	0.579	0.579	0.587	6.5
Toluene	0.716	0.872	0.892	0.898	0.874	0.845	0.849	8
t-1,3-Dichloropropene	0.304	0.389	0.436	0.469	0.490	0.502	0.431	17.3
cis-1,3-Dichloropropene	0.404	0.463	0.509	0.535	0.555	0.553	0.503	11.8
1,1,2-Trichloroethane	0.346	0.348	0.371	0.356	0.341	0.336	0.350	3.6
2-Hexanone	0.349	0.412	0.476	0.448	0.431	0.436	0.425	10.1
Dibromochloromethane	0.305	0.349	0.390	0.384	0.385	0.380	0.366	9
Tetrachloroethene	0.315	0.326	0.319	0.324	0.329	0.309	0.320	2.3

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_X Calibration Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Calibration Time(s): 01:27 03:47

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

LAB FILE ID: RRF001 = VX045068.D RRF005 = VX045069.D RRF020 = VX045070.D
RRF050 = VX045071.D RRF100 = VX045072.D RRF150 = VX045073.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Chlorobenzene	0.968	1.054	1.090	1.092	1.100	1.045	1.058	4.7
Ethyl Benzene	1.566	1.794	1.889	1.952	1.972	1.888	1.843	8.1
m/p-Xylenes	0.555	0.672	0.711	0.724	0.715	0.673	0.675	9.3
o-Xylene	0.609	0.689	0.702	0.706	0.707	0.670	0.681	5.5
Styrene	0.879	1.060	1.170	1.181	1.183	1.134	1.101	10.7
Bromoform	0.209	0.234	0.276	0.276	0.300	0.300	0.266	13.9
1,1,2,2-Tetrachloroethane	1.395	1.479	1.513	1.419	1.391	1.396	1.432	3.6
1,2-Dichloroethane-d4		0.836	0.784	0.757	0.783	0.817	0.795	3.9
Dibromofluoromethane		0.329	0.335	0.329	0.340	0.338	0.334	1.5
Toluene-d8		1.237	1.191	1.210	1.219	1.203	1.212	1.4
4-Bromofluorobenzene		0.383	0.393	0.402	0.410	0.421	0.402	3.7

* 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.

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_Y Calibration Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Calibration Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021309.D RRF010 = VY021310.D RRF020 = VY021311.D
RRF050 = VY021312.D RRF150 = VY021314.D RRF100 = VY021316.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF150	RRF100	$\overline{RRF}$	% RSD
Chloromethane	0.709	0.628	0.566	0.602	0.597	0.570	0.612	8.6
Vinyl Chloride	0.648	0.591	0.554	0.627	0.606	0.580	0.601	5.6
Bromomethane	0.505	0.414	0.361	0.387	0.371	0.359	0.399	13.9
Chloroethane	0.414	0.365	0.347	0.390	0.365	0.355	0.373	6.7
Tert butyl alcohol	0.058	0.047	0.042	0.040	0.039	0.034	0.044	18.9
1,1-Dichloroethene	0.545	0.489	0.462	0.515	0.518	0.490	0.503	5.7
Acetone	0.122	0.102	0.094	0.128	0.104	0.103	0.109	11.9
Carbon Disulfide	1.800	1.652	1.540	1.734	1.678	1.620	1.671	5.4
Methyl tert-butyl Ether	1.312	1.268	1.267	1.410	1.410	1.307	1.329	4.9
Methylene Chloride	0.733	0.598	0.539	0.585	0.547	0.529	0.588	12.8
trans-1,2-Dichloroethene	0.589	0.536	0.507	0.573	0.570	0.547	0.554	5.4
1,1-Dichloroethane	1.101	1.032	0.961	1.083	1.058	1.007	1.040	4.9
2-Butanone	0.162	0.155	0.156	0.183	0.171	0.159	0.164	6.5
Carbon Tetrachloride	0.567	0.562	0.509	0.581	0.567	0.535	0.554	4.8
cis-1,2-Dichloroethene	0.649	0.610	0.588	0.665	0.656	0.626	0.632	4.7
Chloroform	1.128	1.046	0.977	1.095	1.062	1.017	1.054	5.1
1,1,1-Trichloroethane	1.020	0.956	0.889	0.986	0.979	0.927	0.960	4.8
Benzene	1.515	1.445	1.359	1.533	1.472	1.409	1.456	4.5
1,2-Dichloroethane	0.422	0.417	0.393	0.434	0.419	0.394	0.413	3.9
Trichloroethene	0.375	0.360	0.341	0.382	0.375	0.354	0.364	4.3
1,2-Dichloropropane	0.360	0.350	0.329	0.371	0.357	0.336	0.350	4.5
Bromodichloromethane	0.519	0.503	0.477	0.541	0.528	0.495	0.511	4.5
4-Methyl-2-Pentanone	0.220	0.227	0.239	0.267	0.264	0.238	0.243	7.9
Toluene	0.887	0.888	0.852	0.965	0.936	0.897	0.904	4.4
t-1,3-Dichloropropene	0.438	0.436	0.434	0.515	0.509	0.474	0.468	8
cis-1,3-Dichloropropene	0.541	0.526	0.528	0.591	0.581	0.546	0.552	5
1,1,2-Trichloroethane	0.250	0.251	0.238	0.267	0.254	0.237	0.249	4.4
2-Hexanone	0.133	0.146	0.155	0.183	0.178	0.162	0.159	11.9
Dibromochloromethane	0.340	0.325	0.322	0.368	0.352	0.332	0.340	5.2
Tetrachloroethene	0.405	0.380	0.351	0.389	0.386	0.355	0.378	5.5

* 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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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_Y Calibration Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Calibration Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY021309.D RRF010 = VY021310.D RRF020 = VY021311.D
RRF050 = VY021312.D RRF150 = VY021314.D RRF100 = VY021316.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF150	RRF100	$\overline{RRF}$	% RSD
Chlorobenzene	1.171	1.111	1.039	1.176	1.159	1.078	1.122	5
Ethyl Benzene	1.938	1.941	1.826	2.130	2.115	1.979	1.988	5.8
m/p-Xylenes	0.735	0.738	0.696	0.802	0.783	0.733	0.748	5.1
o-Xylene	0.689	0.675	0.648	0.758	0.739	0.694	0.701	5.9
Styrene	1.081	1.128	1.091	1.277	1.257	1.159	1.166	7.2
Bromoform	0.221	0.221	0.211	0.246	0.236	0.214	0.225	5.9
1,1,2,2-Tetrachloroethane	0.700	0.649	0.621	0.697	0.689	0.624	0.663	5.5
1,2-Dichloroethane-d4	0.681	0.510	0.548	0.551	0.566	0.547	0.567	10.3
Dibromofluoromethane	0.370	0.299	0.317	0.325	0.334	0.322	0.328	7.2
Toluene-d8	1.420	1.158	1.230	1.251	1.290	1.253	1.267	6.8
4-Bromofluorobenzene	0.490	0.387	0.404	0.423	0.435	0.420	0.426	8.2

* 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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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_X Calibration Date/Time: 03/05/2025 09:12

Lab File ID: VX045127.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.770	0.671	0.1	-12.86	20
Vinyl Chloride	0.764	0.689		-9.82	20
Bromomethane	0.300	0.271		-9.67	20
Chloroethane	0.352	0.291		-17.33	20
Tert butyl alcohol	0.151	0.108		-28.48	20
1,1-Dichloroethene	0.614	0.553		-9.94	20
Acetone	0.369	0.301		-18.43	20
Carbon Disulfide	1.636	1.452		-11.25	20
Methyl tert-butyl Ether	2.061	1.855		-9.99	20
Methylene Chloride	0.731	0.640		-12.45	20
trans-1,2-Dichloroethene	0.607	0.571		-5.93	20
1,1-Dichloroethane	1.247	1.123	0.1	-9.94	20
2-Butanone	0.555	0.488		-12.07	20
Carbon Tetrachloride	0.465	0.457		-1.72	20
cis-1,2-Dichloroethene	0.749	0.684		-8.68	20
Chloroform	1.239	1.123		-9.36	20
1,1,1-Trichloroethane	1.000	0.923		-7.7	20
Benzene	1.448	1.416		-2.21	20
1,2-Dichloroethane	0.521	0.506		-2.88	20
Trichloroethene	0.340	0.338		-0.59	20
1,2-Dichloropropane	0.372	0.355		-4.57	20
Bromodichloromethane	0.516	0.512		-0.77	20
4-Methyl-2-Pentanone	0.587	0.550		-6.3	20
Toluene	0.849	0.858		1.06	20
t-1,3-Dichloropropene	0.431	0.464		7.66	20
cis-1,3-Dichloropropene	0.503	0.541		7.55	20
1,1,2-Trichloroethane	0.350	0.334		-4.57	20
2-Hexanone	0.425	0.404		-4.94	20
Dibromochloromethane	0.366	0.374		2.19	20
Tetrachloroethene	0.320	0.328		2.5	20
Chlorobenzene	1.058	1.044	0.3	-1.32	20
Ethyl Benzene	1.843	1.877		1.85	20
m/p-Xylenes	0.675	0.695		2.96	20
o-Xylene	0.681	0.676		-0.73	20
Styrene	1.101	1.118		1.54	20
Bromoform	0.266	0.272	0.1	2.26	20
1,1,2,2-Tetrachloroethane	1.432	1.304	0.3	-8.94	20
1,2-Dichloroethane-d4	0.795	0.743		-6.54	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.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_X Calibration Date/Time: 03/05/2025 09:12

Lab File ID: VX045127.D Init. Calib. Date(s): 02/28/2025 02/28/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 01:27 03:47

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.334	0.344		2.99	20
Toluene-d8	1.212	1.229		1.4	20
4-Bromofluorobenzene	0.402	0.412		2.49	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.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_Y Calibration Date/Time: 02/27/2025 10:13

Lab File ID: VY021346.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.612	0.531	0.1	-13.23	20
Vinyl Chloride	0.601	0.554		-7.82	20
Bromomethane	0.399	0.355		-11.03	20
Chloroethane	0.373	0.354		-5.09	20
Tert butyl alcohol	0.044	0.035		-20.45	20
1,1-Dichloroethene	0.503	0.467		-7.16	20
Acetone	0.109	0.108		-0.92	20
Carbon Disulfide	1.671	1.540		-7.84	20
Methyl tert-butyl Ether	1.329	1.304		-1.88	20
Methylene Chloride	0.588	0.523		-11.05	20
trans-1,2-Dichloroethene	0.554	0.533		-3.79	20
1,1-Dichloroethane	1.040	0.977	0.1	-6.06	20
2-Butanone	0.164	0.156		-4.88	20
Carbon Tetrachloride	0.554	0.524		-5.41	20
cis-1,2-Dichloroethene	0.632	0.615		-2.69	20
Chloroform	1.054	0.999		-5.22	20
1,1,1-Trichloroethane	0.960	0.904		-5.83	20
Benzene	1.456	1.381		-5.15	20
1,2-Dichloroethane	0.413	0.403		-2.42	20
Trichloroethene	0.364	0.350		-3.85	20
1,2-Dichloropropane	0.350	0.331		-5.43	20
Bromodichloromethane	0.511	0.501		-1.96	20
4-Methyl-2-Pentanone	0.243	0.236		-2.88	20
Toluene	0.904	0.878		-2.88	20
t-1,3-Dichloropropene	0.468	0.463		-1.07	20
cis-1,3-Dichloropropene	0.552	0.535		-3.08	20
1,1,2-Trichloroethane	0.249	0.238		-4.42	20
2-Hexanone	0.159	0.157		-1.26	20
Dibromochloromethane	0.340	0.334		-1.76	20
Tetrachloroethene	0.378	0.347		-8.2	20
Chlorobenzene	1.122	1.069	0.3	-4.72	20
Ethyl Benzene	1.988	1.908		-4.02	20
m/p-Xylenes	0.748	0.712		-4.81	20
o-Xylene	0.701	0.674		-3.85	20
Styrene	1.166	1.136		-2.57	20
Bromoform	0.225	0.221	0.1	-1.78	20
1,1,2,2-Tetrachloroethane	0.663	0.638	0.3	-3.77	20
1,2-Dichloroethane-d4	0.567	0.558		-1.59	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.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_Y Calibration Date/Time: 02/27/2025 10:13

Lab File ID: VY021346.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.328	0.334		1.83	20
Toluene-d8	1.267	1.261		-0.47	20
4-Bromofluorobenzene	0.426	0.425		-0.23	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.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_Y Calibration Date/Time: 02/28/2025 09:44

Lab File ID: VY021375.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.612	0.566	0.1	-7.52	20
Vinyl Chloride	0.601	0.616		2.5	20
Bromomethane	0.399	0.411		3.01	20
Chloroethane	0.373	0.400		7.24	20
Tert butyl alcohol	0.044	0.033		-25	20
1,1-Dichloroethene	0.503	0.487		-3.18	20
Acetone	0.109	0.132		21.1	20
Carbon Disulfide	1.671	1.585		-5.15	20
Methyl tert-butyl Ether	1.329	1.304		-1.88	20
Methylene Chloride	0.588	0.547		-6.97	20
trans-1,2-Dichloroethene	0.554	0.549		-0.9	20
1,1-Dichloroethane	1.040	1.009	0.1	-2.98	20
2-Butanone	0.164	0.166		1.22	20
Carbon Tetrachloride	0.554	0.578		4.33	20
cis-1,2-Dichloroethene	0.632	0.635		0.47	20
Chloroform	1.054	1.043		-1.04	20
1,1,1-Trichloroethane	0.960	0.951		-0.94	20
Benzene	1.456	1.487		2.13	20
1,2-Dichloroethane	0.413	0.436		5.57	20
Trichloroethene	0.364	0.375		3.02	20
1,2-Dichloropropane	0.350	0.356		1.71	20
Bromodichloromethane	0.511	0.537		5.09	20
4-Methyl-2-Pentanone	0.243	0.242		-0.41	20
Toluene	0.904	0.955		5.64	20
t-1,3-Dichloropropene	0.468	0.488		4.27	20
cis-1,3-Dichloropropene	0.552	0.565		2.36	20
1,1,2-Trichloroethane	0.249	0.254		2.01	20
2-Hexanone	0.159	0.168		5.66	20
Dibromochloromethane	0.340	0.362		6.47	20
Tetrachloroethene	0.378	0.394		4.23	20
Chlorobenzene	1.122	1.154	0.3	2.85	20
Ethyl Benzene	1.988	2.041		2.67	20
m/p-Xylenes	0.748	0.775		3.61	20
o-Xylene	0.701	0.722		3	20
Styrene	1.166	1.235		5.92	20
Bromoform	0.225	0.232	0.1	3.11	20
1,1,2,2-Tetrachloroethane	0.663	0.654	0.3	-1.36	20
1,2-Dichloroethane-d4	0.567	0.567		0	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1448 SAS No.: Q1448 SDG No.: Q1448

Instrument ID: MSVOA_Y Calibration Date/Time: 02/28/2025 09:44

Lab File ID: VY021375.D Init. Calib. Date(s): 02/25/2025 02/25/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 12:40 16:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.328	0.351		7.01	20
Toluene-d8	1.267	1.327		4.74	20
4-Bromofluorobenzene	0.426	0.441		3.52	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_Y\Data\VY022725\
Data File : VY021366.D
Acq On : 27 Feb 2025 18:19
Operator : SY/MD
Sample : Q1448-01
Misc : 6.54g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSP1

Quant Time: Feb 28 00:44:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	12088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	15555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	8208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	1197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4321	31.511	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 63.020%			
35) Dibromofluoromethane	7.628	113	5243	51.412	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.820%			
50) Toluene-d8	10.109	98	16312	41.388	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 82.780%			
62) 4-Bromofluorobenzene	12.402	95	2148	16.194	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 32.380%			

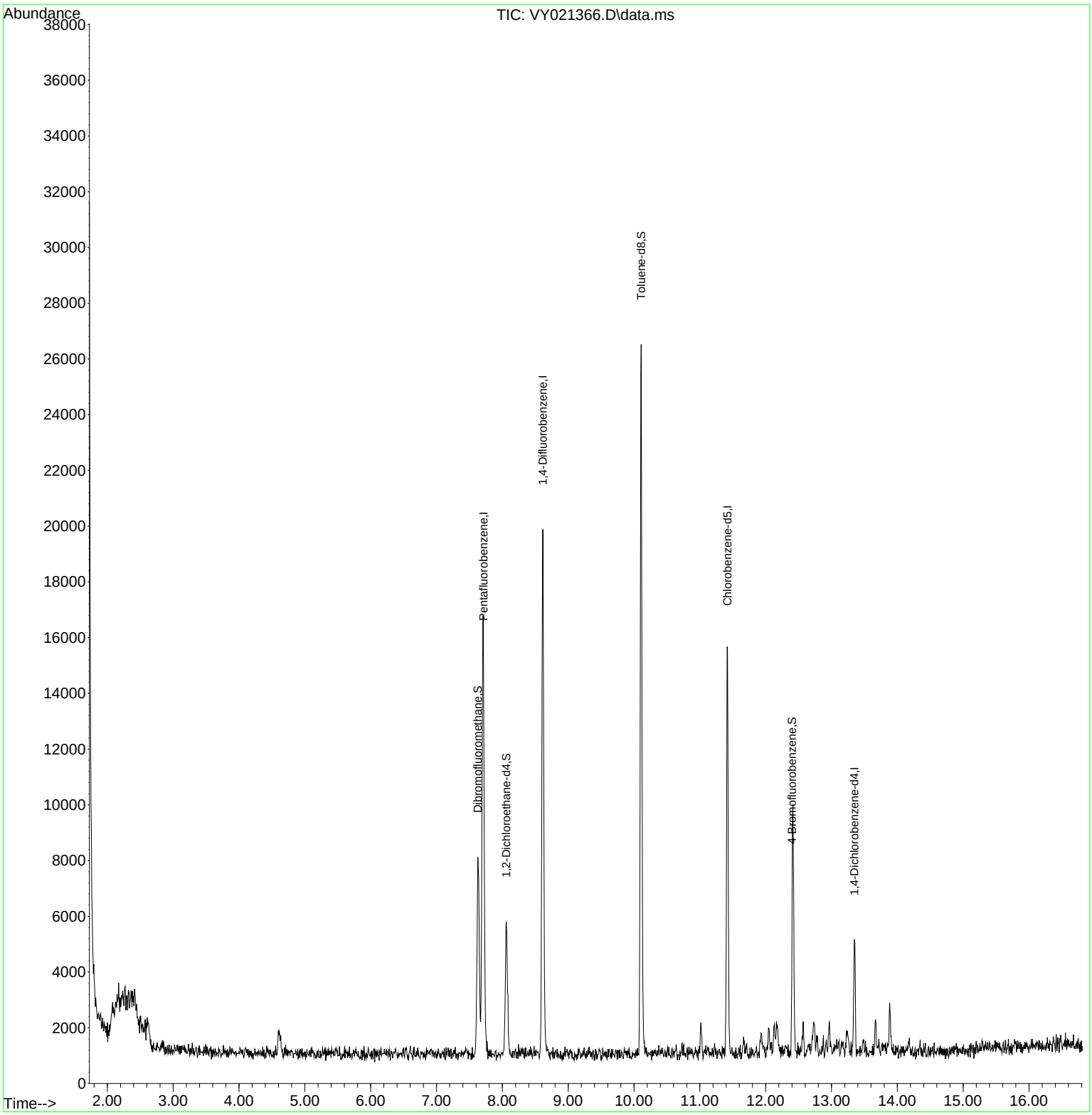
Target Compounds Qvalue

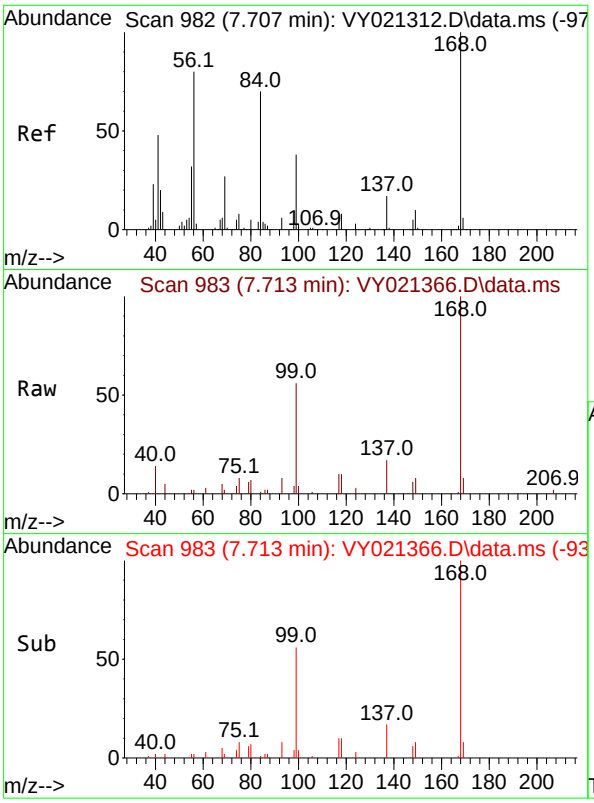
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021366.D
Acq On : 27 Feb 2025 18:19
Operator : SY/MD
Sample : Q1448-01
Misc : 6.54g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSP1

Quant Time: Feb 28 00:44:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



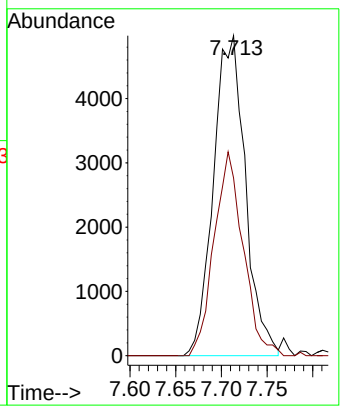


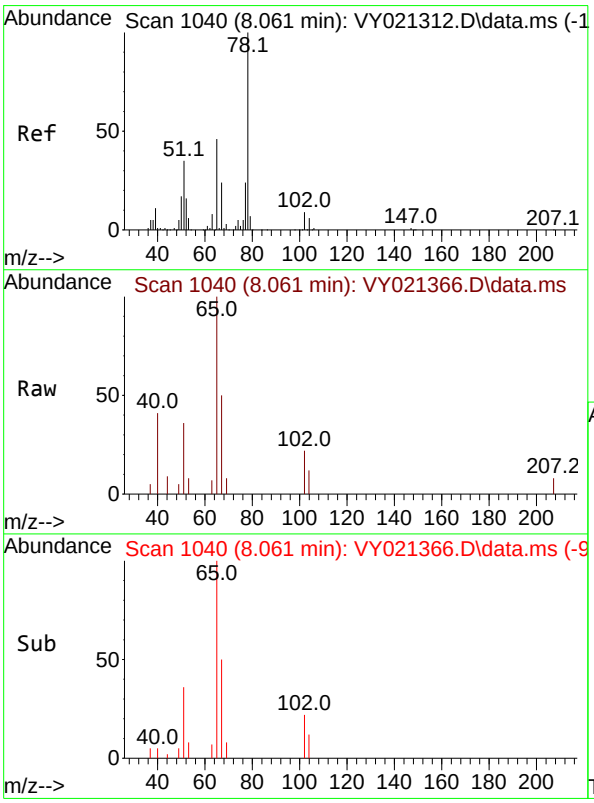
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021366.D
Acq: 27 Feb 2025 18:19

Instrument :
MSVOA_Y
ClientSampleId :
PSP1

Tgt Ion:168 Resp: 12088

Ion	Ratio	Lower	Upper
168	100		
99	55.5	47.1	70.7

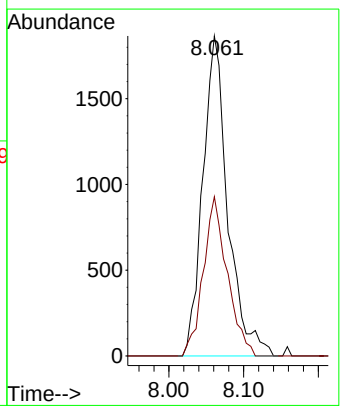


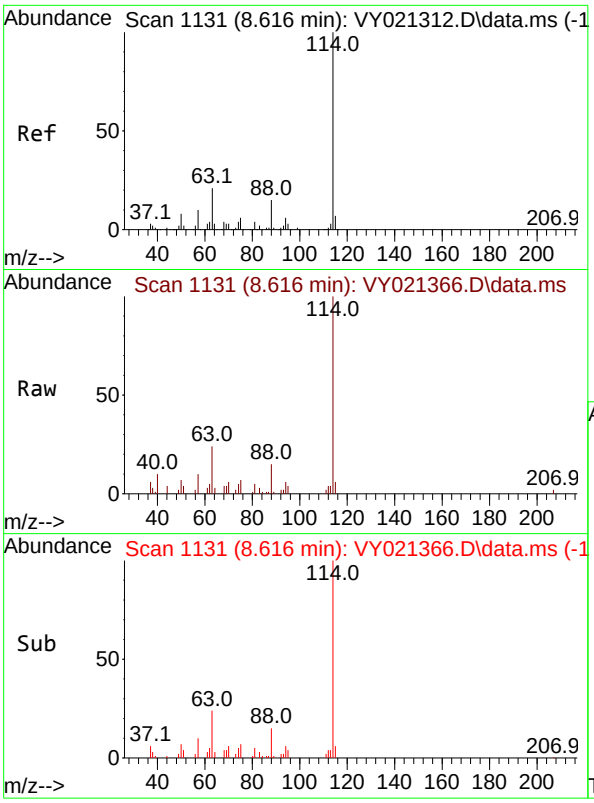


#33
1,2-Dichloroethane-d4
Concen: 31.511 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021366.D
Acq: 27 Feb 2025 18:19

Tgt Ion: 65 Resp: 4321

Ion	Ratio	Lower	Upper
65	100		
67	47.8	0.0	103.6



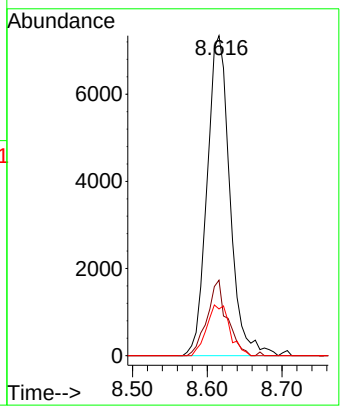


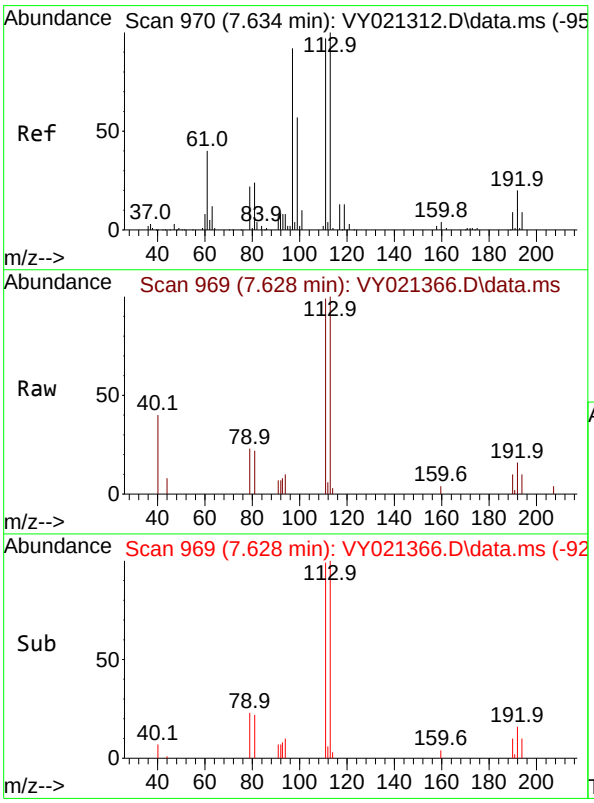
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021366.D
Acq: 27 Feb 2025 18:19

Instrument :
MSVOA_Y
ClientSampleId :
PSP1

Tgt Ion:114 Resp: 15555

Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	42.2
88	14.6	0.0	29.8

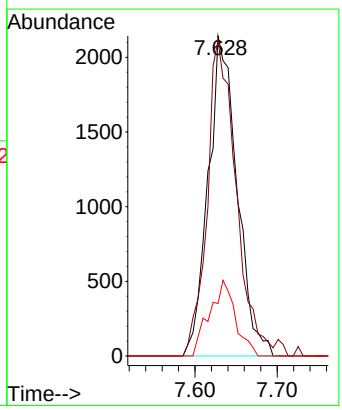


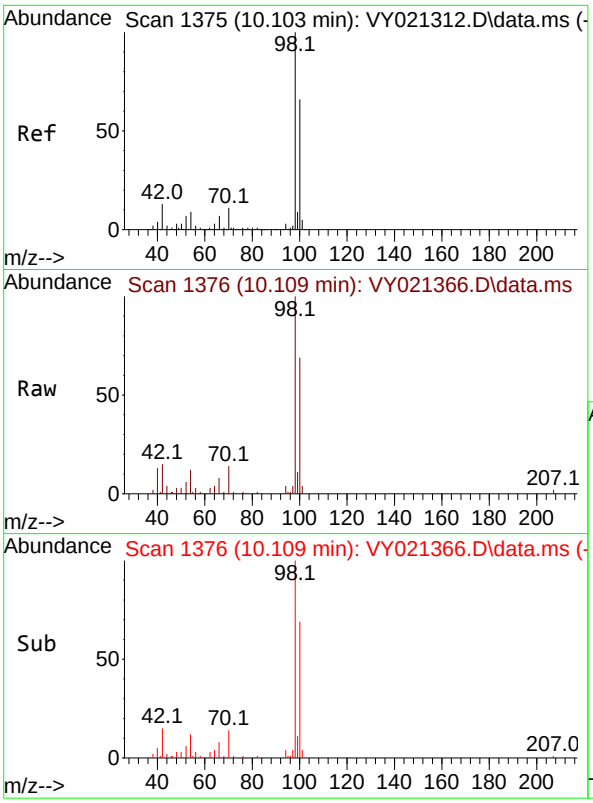


#35
Dibromofluoromethane
Concen: 51.412 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY021366.D
Acq: 27 Feb 2025 18:19

Tgt Ion:113 Resp: 5243

Ion	Ratio	Lower	Upper
113	100		
111	98.2	81.0	121.6
192	21.2	15.8	23.8



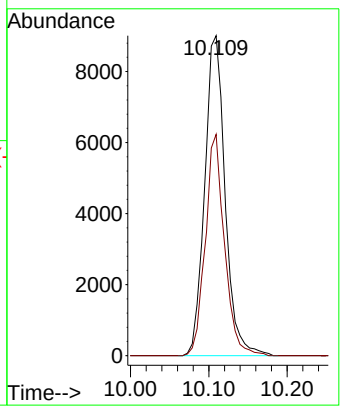


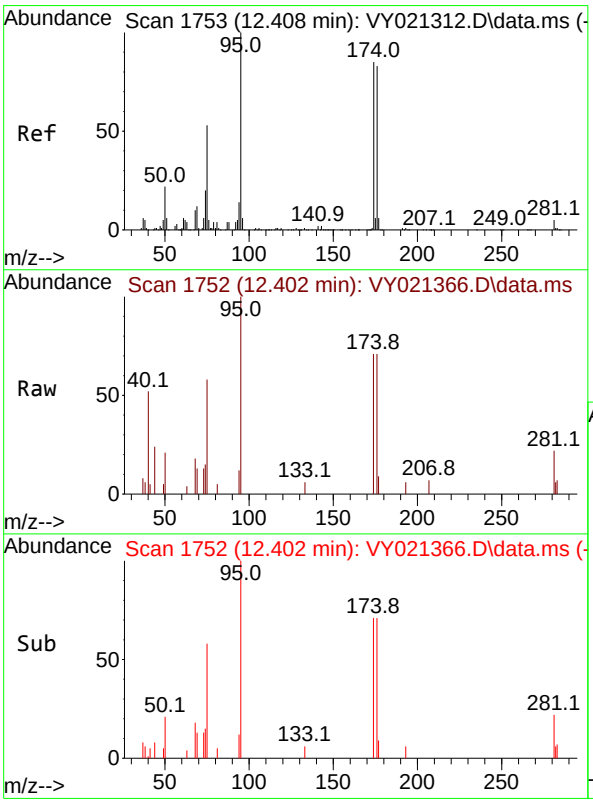
#50
Toluene-d8
Concen: 41.388 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021366.D
Acq: 27 Feb 2025 18:19

Instrument :
MSVOA_Y
ClientSampleId :
PSP1

Tgt Ion: 98 Resp: 16312

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6

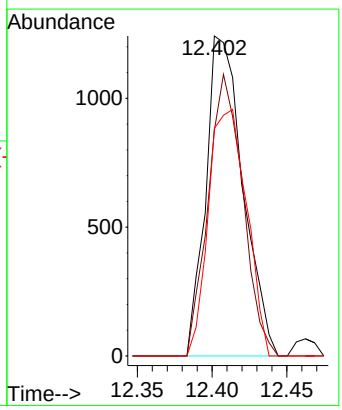


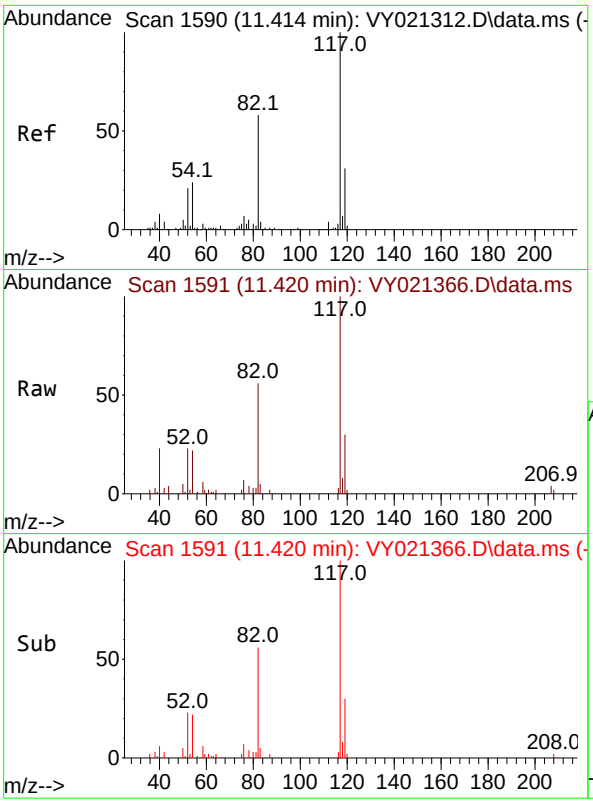


#62
4-Bromofluorobenzene
Concen: 16.194 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021366.D
Acq: 27 Feb 2025 18:19

Tgt Ion: 95 Resp: 2148

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	168.0
176	79.2	0.0	162.6



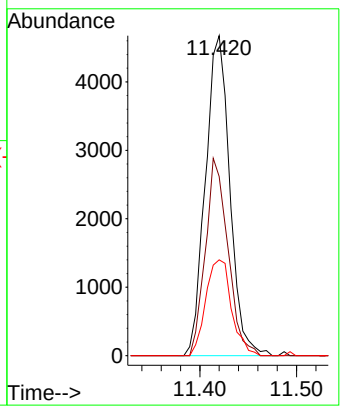


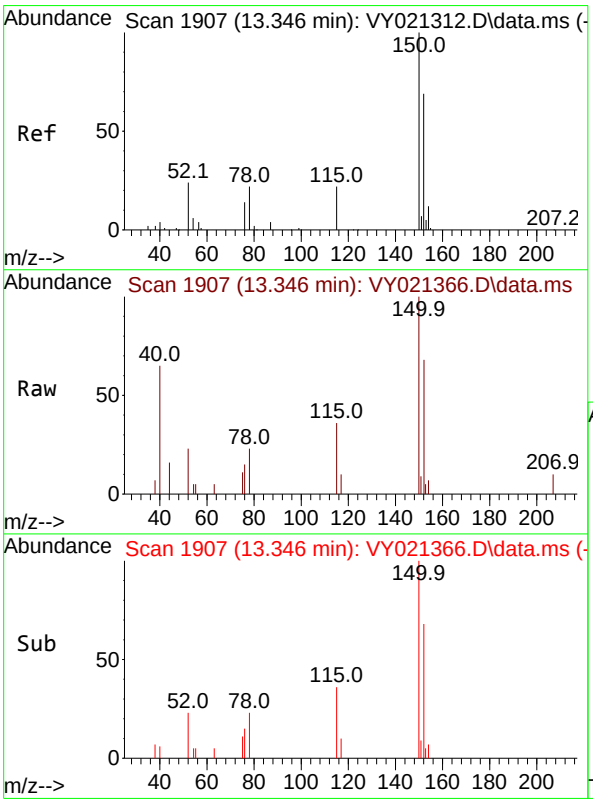
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021366.D
Acq: 27 Feb 2025 18:19

Instrument :
MSVOA_Y
ClientSampleId :
PSP1

Tgt Ion:117 Resp: 8208

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.2	69.4
119	29.9	24.9	37.3

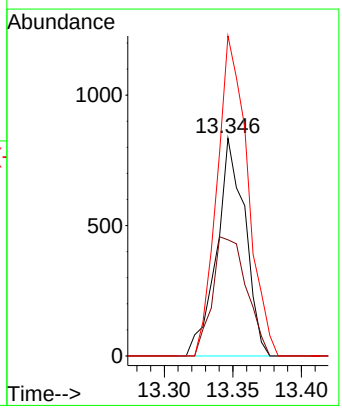




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021366.D
Acq: 27 Feb 2025 18:19

Tgt Ion:152 Resp: 1197

Ion	Ratio	Lower	Upper
152	100		
115	65.9	29.3	88.0
150	158.9	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021382.D
Acq On : 28 Feb 2025 15:55
Operator : SY/MD
Sample : Q1448-01RE
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSP1RE

Quant Time: Feb 28 22:21:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	129382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	230156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	205658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	76917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	80135	54.598	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.200%			
35) Dibromofluoromethane	7.634	113	81384	53.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.880%			
50) Toluene-d8	10.103	98	283384	48.595	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.180%			
62) 4-Bromofluorobenzene	12.408	95	82101	41.833	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.660%			

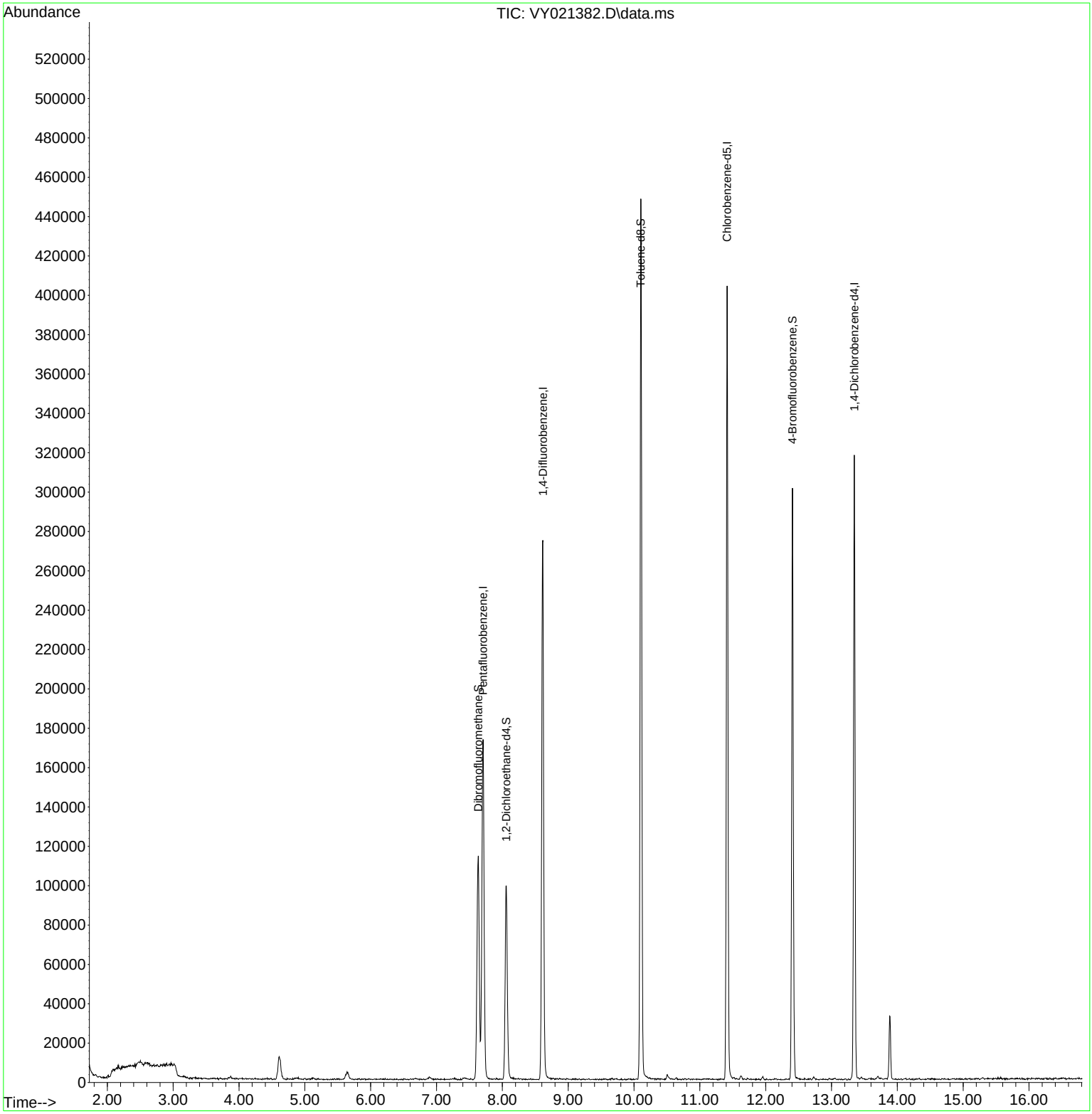
Target Compounds Qvalue

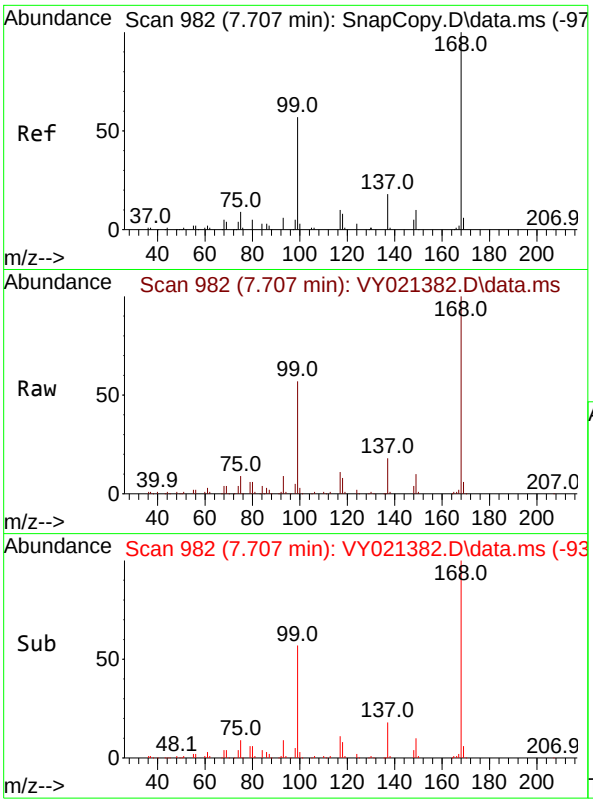
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021382.D
Acq On : 28 Feb 2025 15:55
Operator : SY/MD
Sample : Q1448-01RE
Misc : 5.67g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
PSP1RE

Quant Time: Feb 28 22:21:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



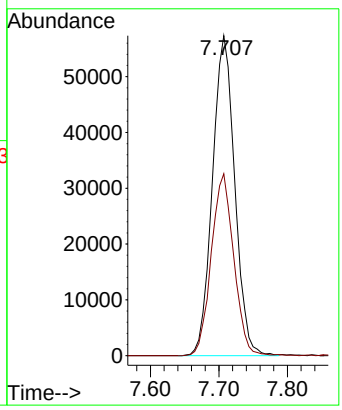


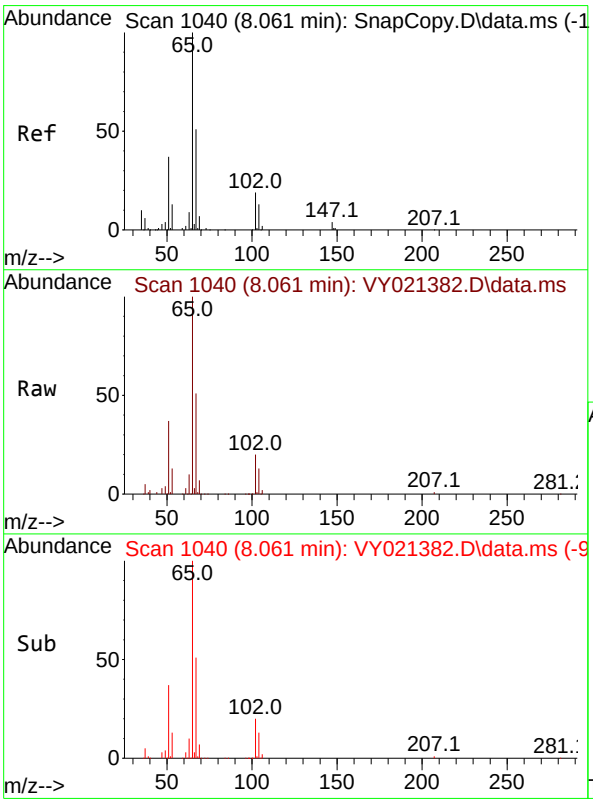
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
PSP1RE

Tgt Ion:168 Resp: 129382

Ion	Ratio	Lower	Upper
168	100		
99	56.8	47.1	70.7

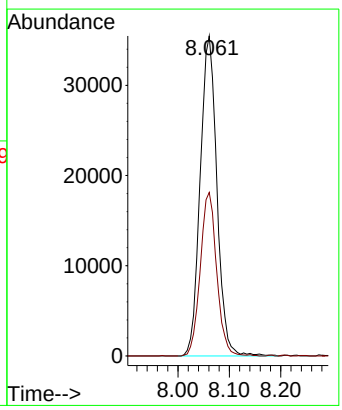


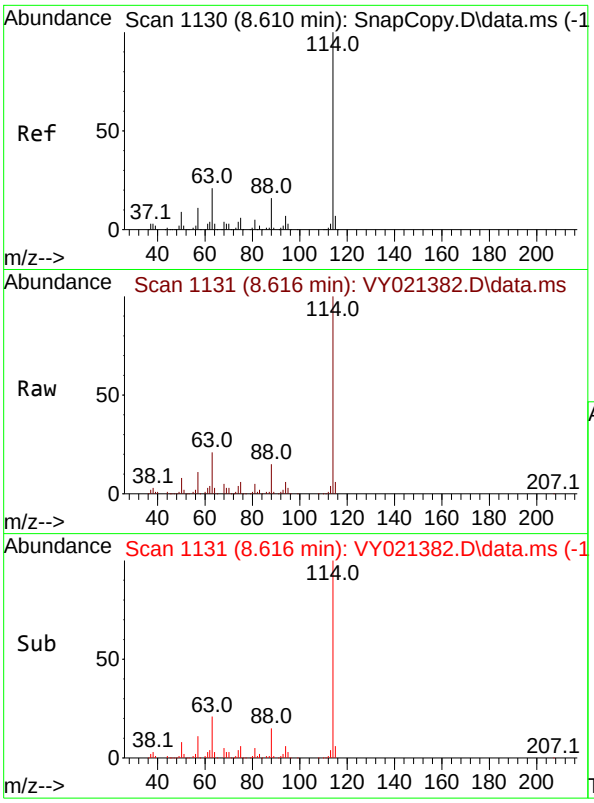


#33
1,2-Dichloroethane-d4
Concen: 54.598 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Tgt Ion: 65 Resp: 80135

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	103.6



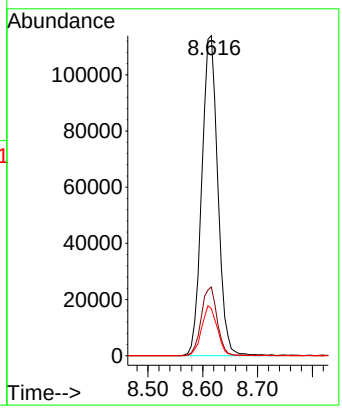


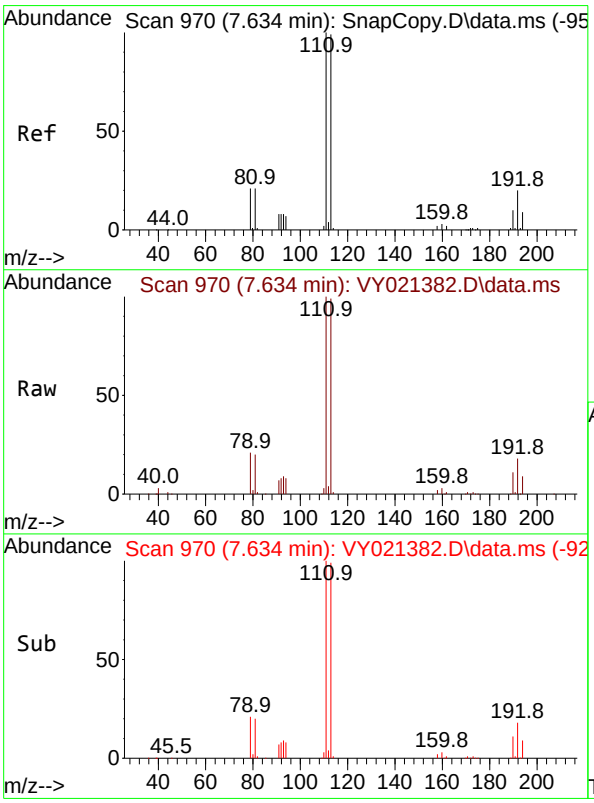
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
PSP1RE

Tgt Ion:114 Resp: 230156

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	42.2
88	14.7	0.0	29.8

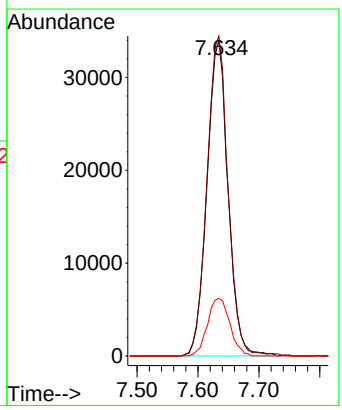


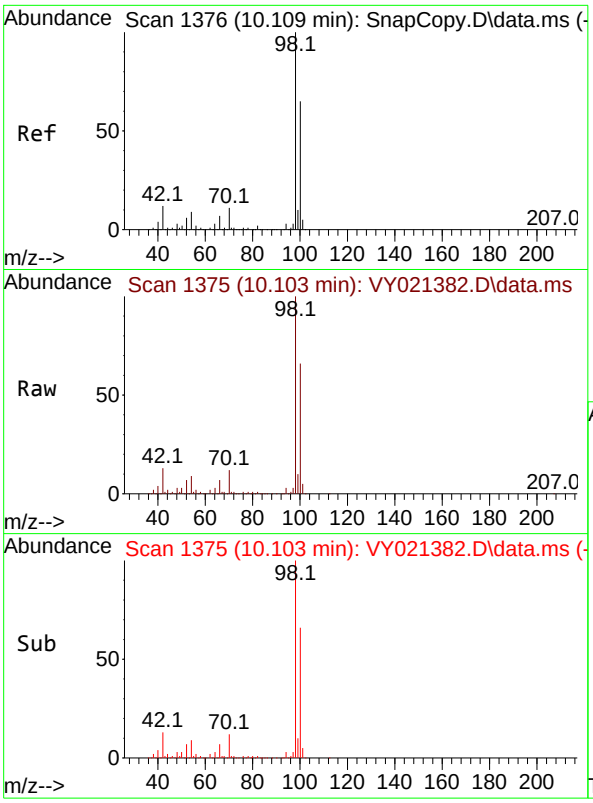


#35
Dibromofluoromethane
Concen: 53.935 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Tgt Ion:113 Resp: 81384

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.0	121.6
192	19.5	15.8	23.8



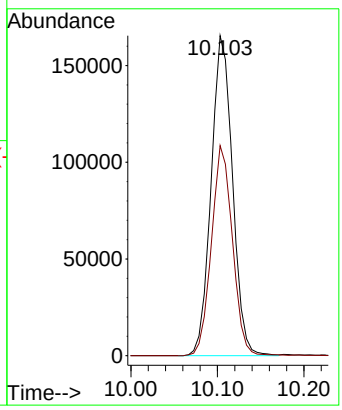


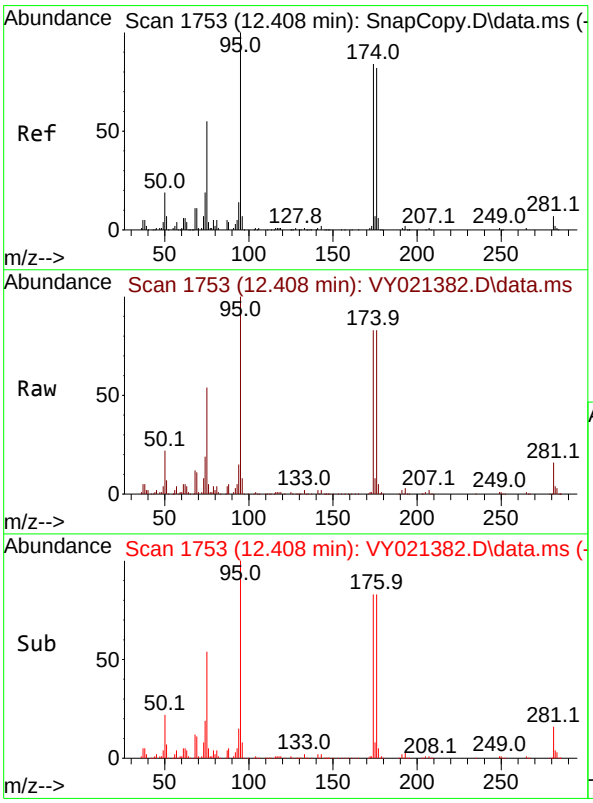
#50
Toluene-d8
Concen: 48.595 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
PSP1RE

Tgt Ion: 98 Resp: 283384

Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.4	78.6

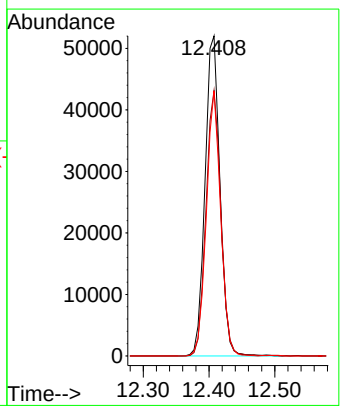


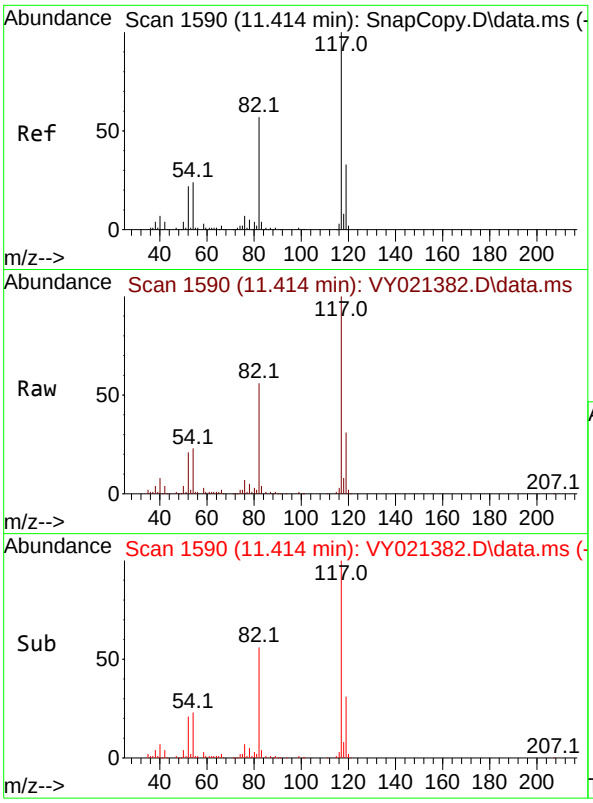


#62
4-Bromofluorobenzene
Concen: 41.833 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Tgt Ion: 95 Resp: 82101

Ion	Ratio	Lower	Upper
95	100		
174	83.4	0.0	168.0
176	79.3	0.0	162.6



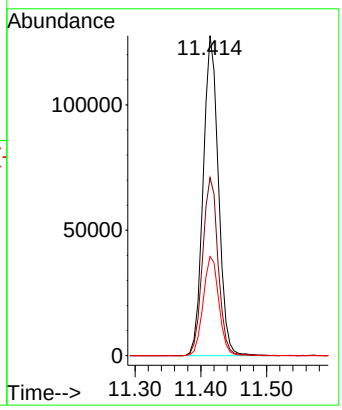


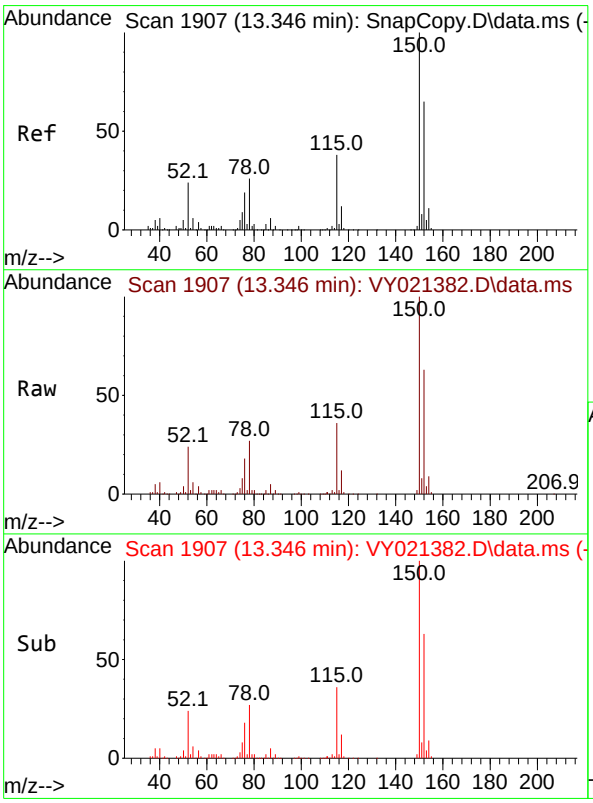
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Instrument :
MSVOA_Y
ClientSampleId :
PSP1RE

Tgt Ion:117 Resp: 205658

Ion	Ratio	Lower	Upper
117	100		
82	55.7	46.2	69.4
119	31.0	24.9	37.3

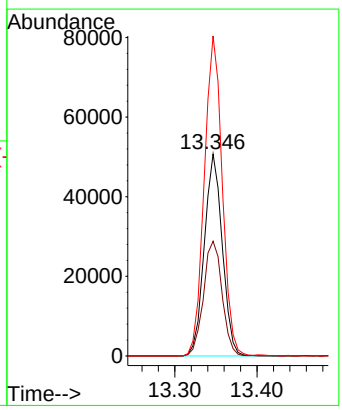




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021382.D
Acq: 28 Feb 2025 15:55

Tgt Ion:152 Resp: 76917

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.3	88.0
150	158.5	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021367.D
Acq On : 27 Feb 2025 18:42
Operator : SY/MD
Sample : Q1448-02
Misc : 6.87g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P1

Quant Time: Feb 28 00:44:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	108147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	190726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	166640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	61007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70394	57.379	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.760%			
35) Dibromofluoromethane	7.634	113	67607	54.068	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.140%			
50) Toluene-d8	10.103	98	228043	47.189	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.380%			
62) 4-Bromofluorobenzene	12.408	95	66052	40.613	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.220%			

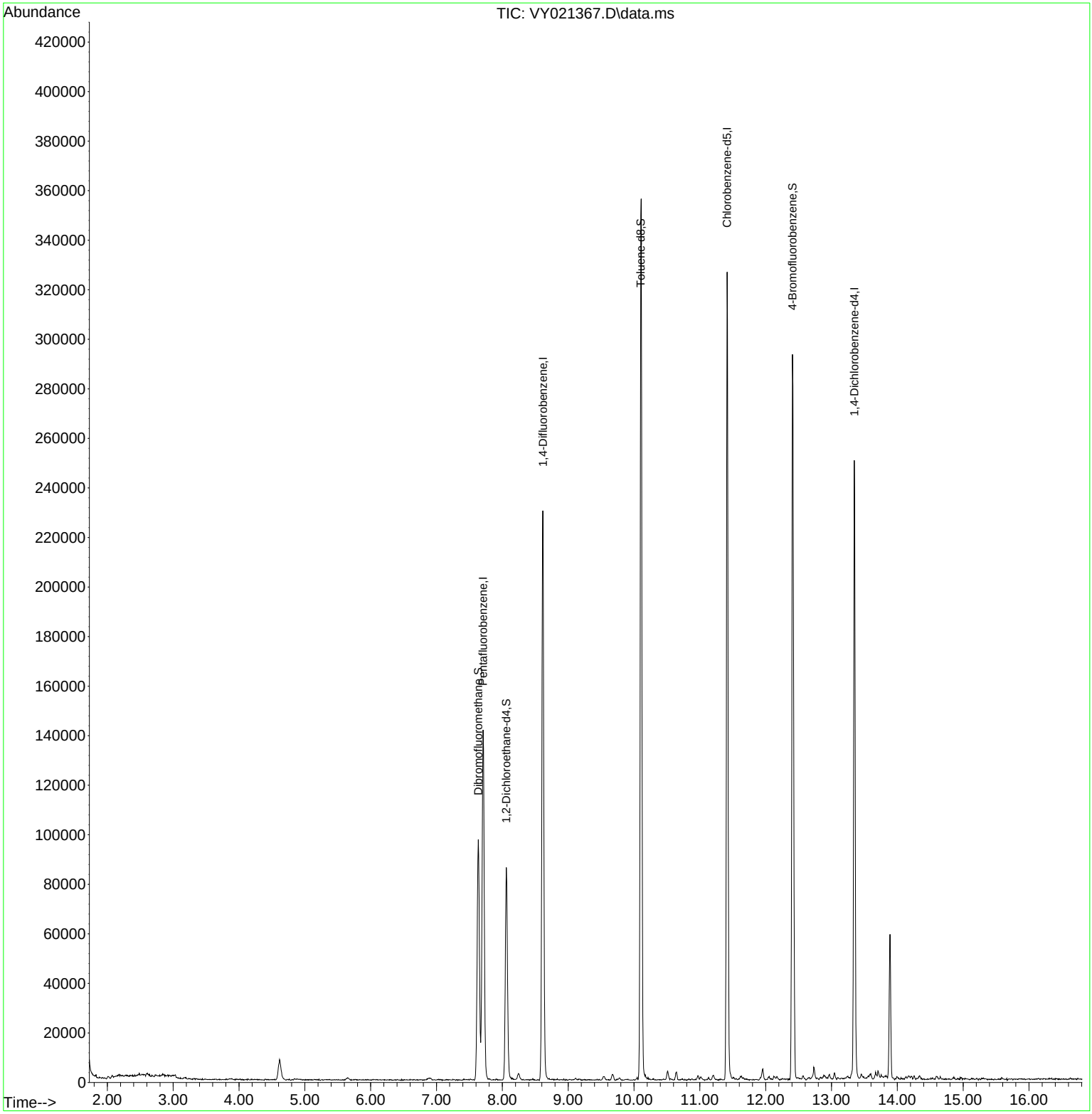
Target Compounds Qvalue

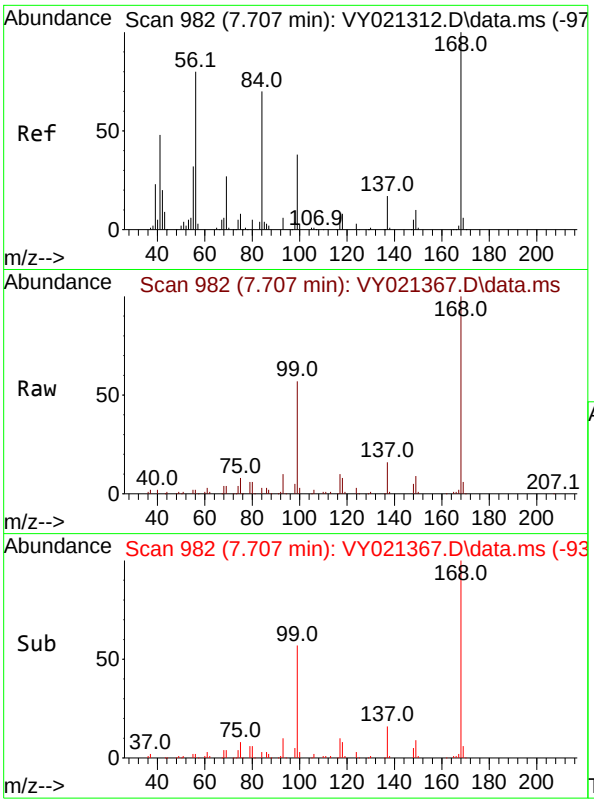
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021367.D
Acq On : 27 Feb 2025 18:42
Operator : SY/MD
Sample : Q1448-02
Misc : 6.87g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P1

Quant Time: Feb 28 00:44:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



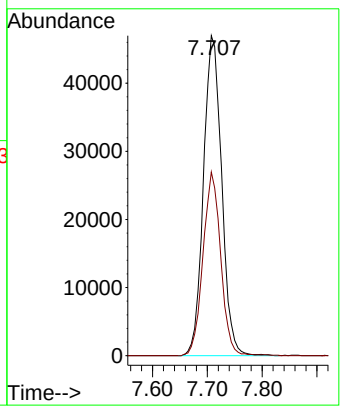


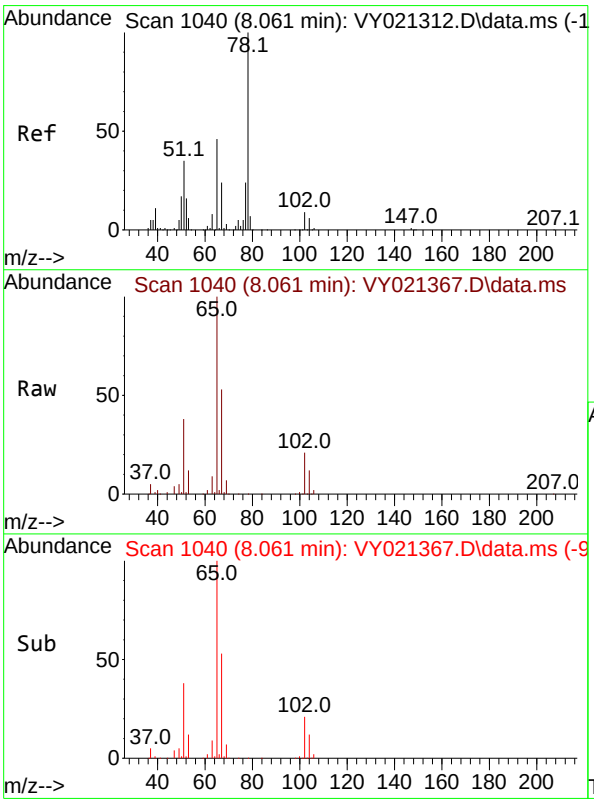
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Instrument :
MSVOA_Y
ClientSampleId :
P1

Tgt Ion:168 Resp: 108147

Ion	Ratio	Lower	Upper
168	100		
99	57.4	47.1	70.7

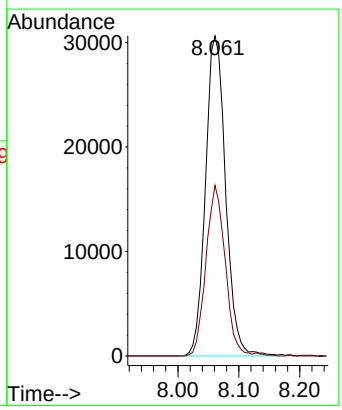


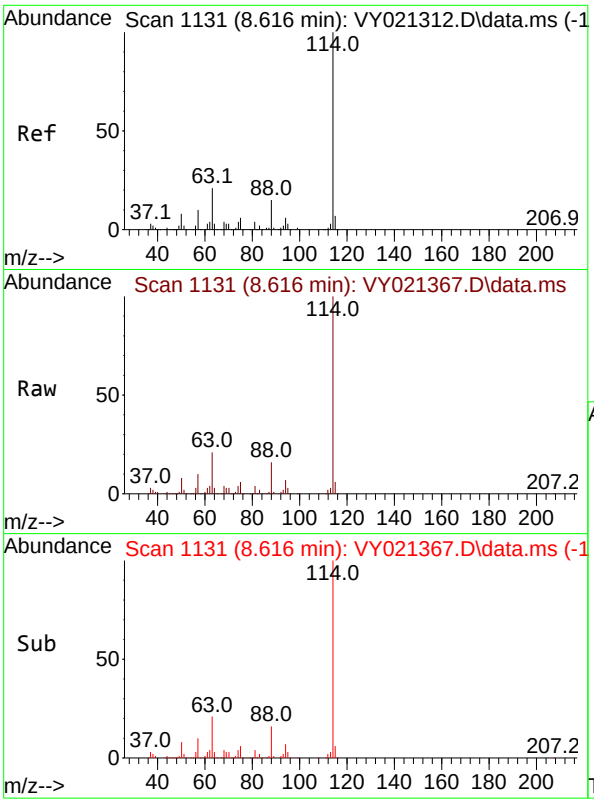


#33
1,2-Dichloroethane-d4
Concen: 57.379 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion: 65 Resp: 70394

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.6



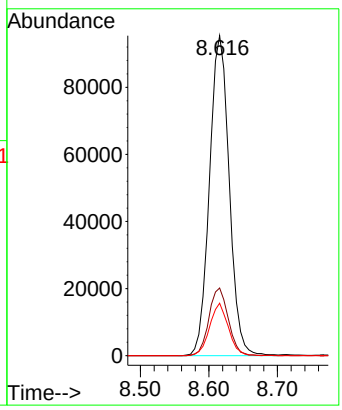


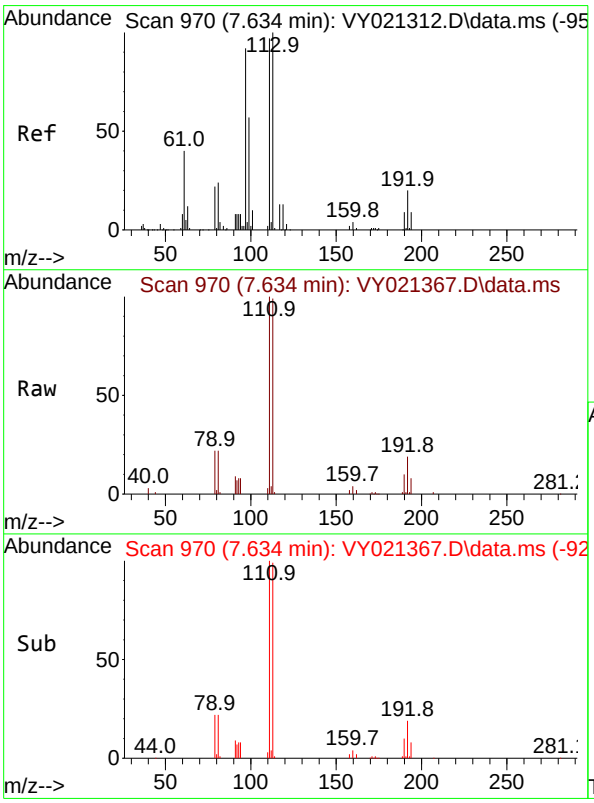
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Instrument :
MSVOA_Y
ClientSampleId :
P1

Tgt Ion:114 Resp: 190726

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	42.2
88	16.4	0.0	29.8

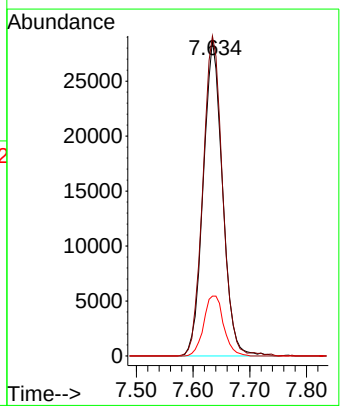


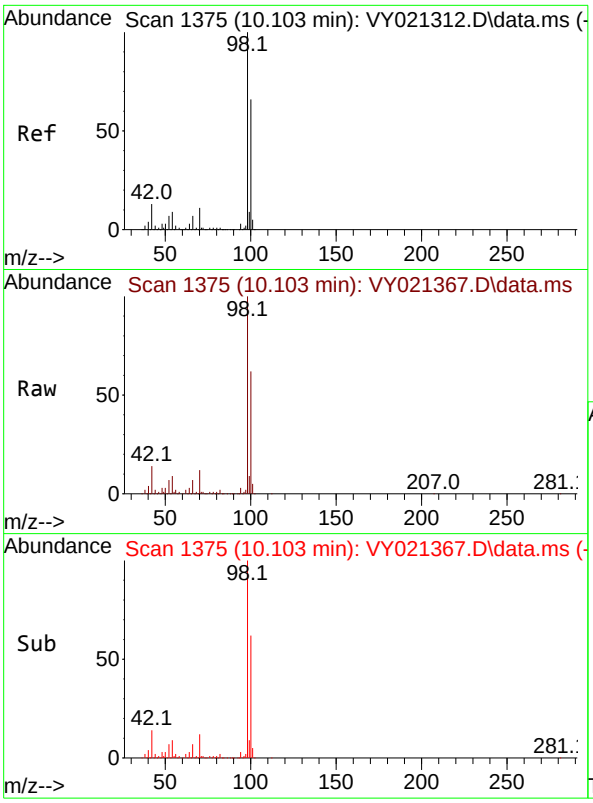


#35
Dibromofluoromethane
Concen: 54.068 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion:113 Resp: 67607

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	19.6	15.8	23.8



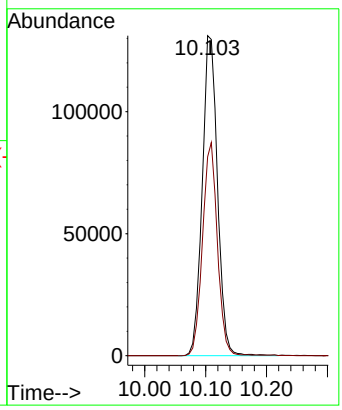


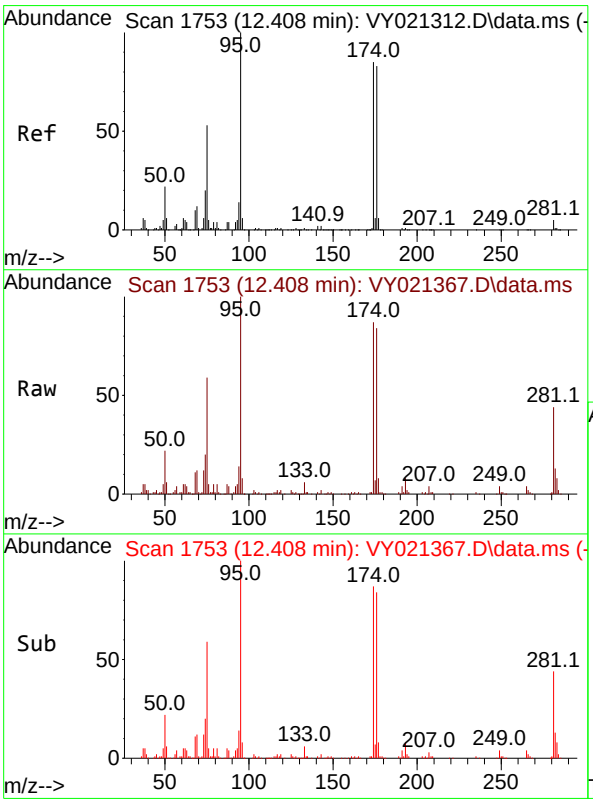
#50
Toluene-d8
Concen: 47.189 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Instrument :
MSVOA_Y
ClientSampleId :
P1

Tgt Ion: 98 Resp: 228043

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6

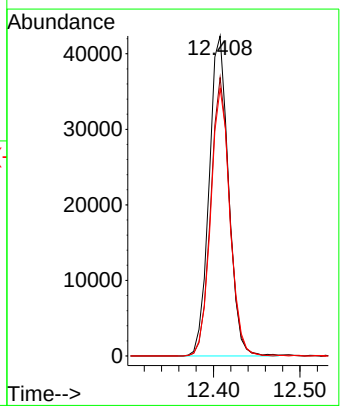


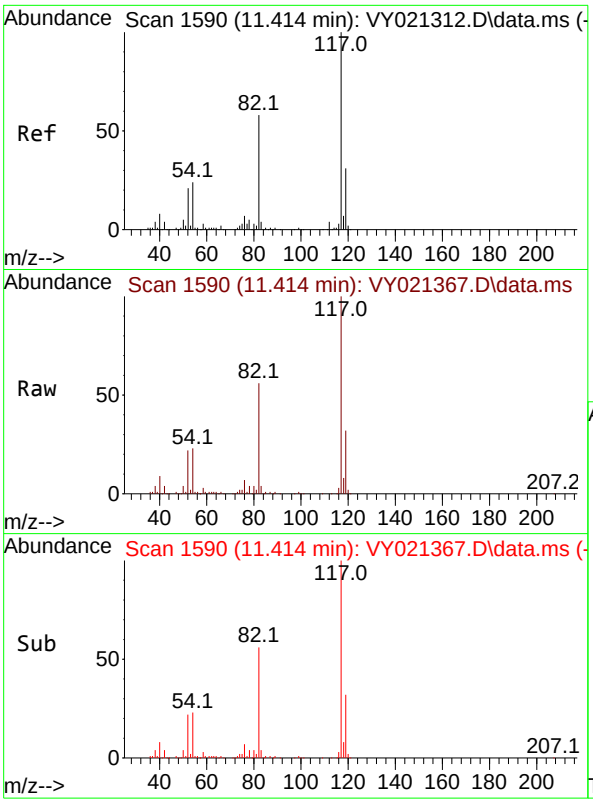


#62
4-Bromofluorobenzene
Concen: 40.613 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion: 95 Resp: 66052

Ion	Ratio	Lower	Upper
95	100		
174	84.7	0.0	168.0
176	82.8	0.0	162.6



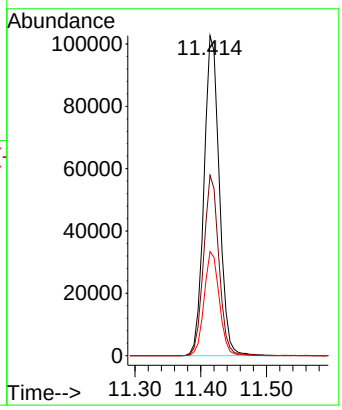


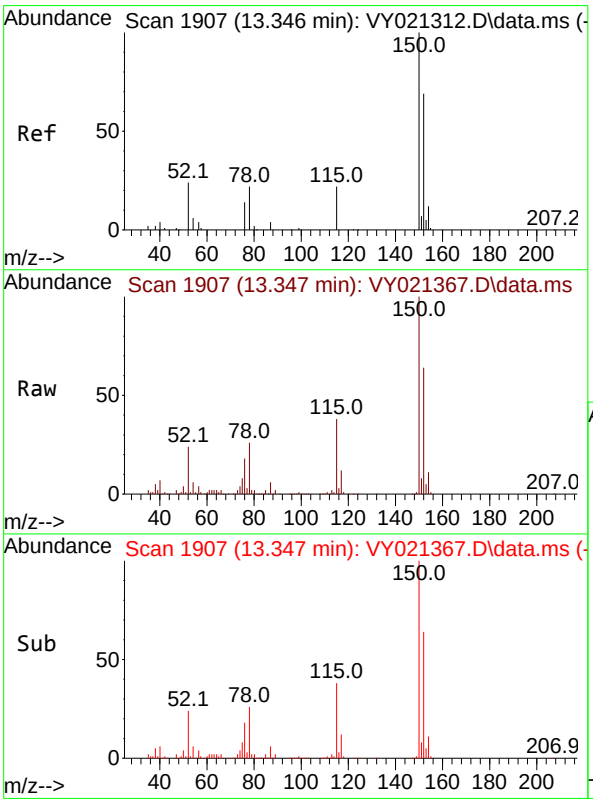
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Instrument :
MSVOA_Y
ClientSampleId :
P1

Tgt Ion:117 Resp: 166640

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.2	69.4
119	32.5	24.9	37.3

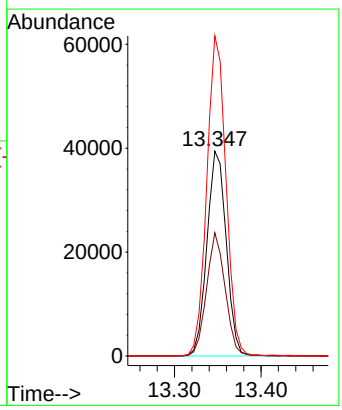




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021367.D
Acq: 27 Feb 2025 18:42

Tgt Ion:152 Resp: 61007

Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	154.9	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021383.D
Acq On : 28 Feb 2025 16:18
Operator : SY/MD
Sample : Q1448-02RE
Misc : 6.87g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P1RE

Quant Time: Feb 28 22:21:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

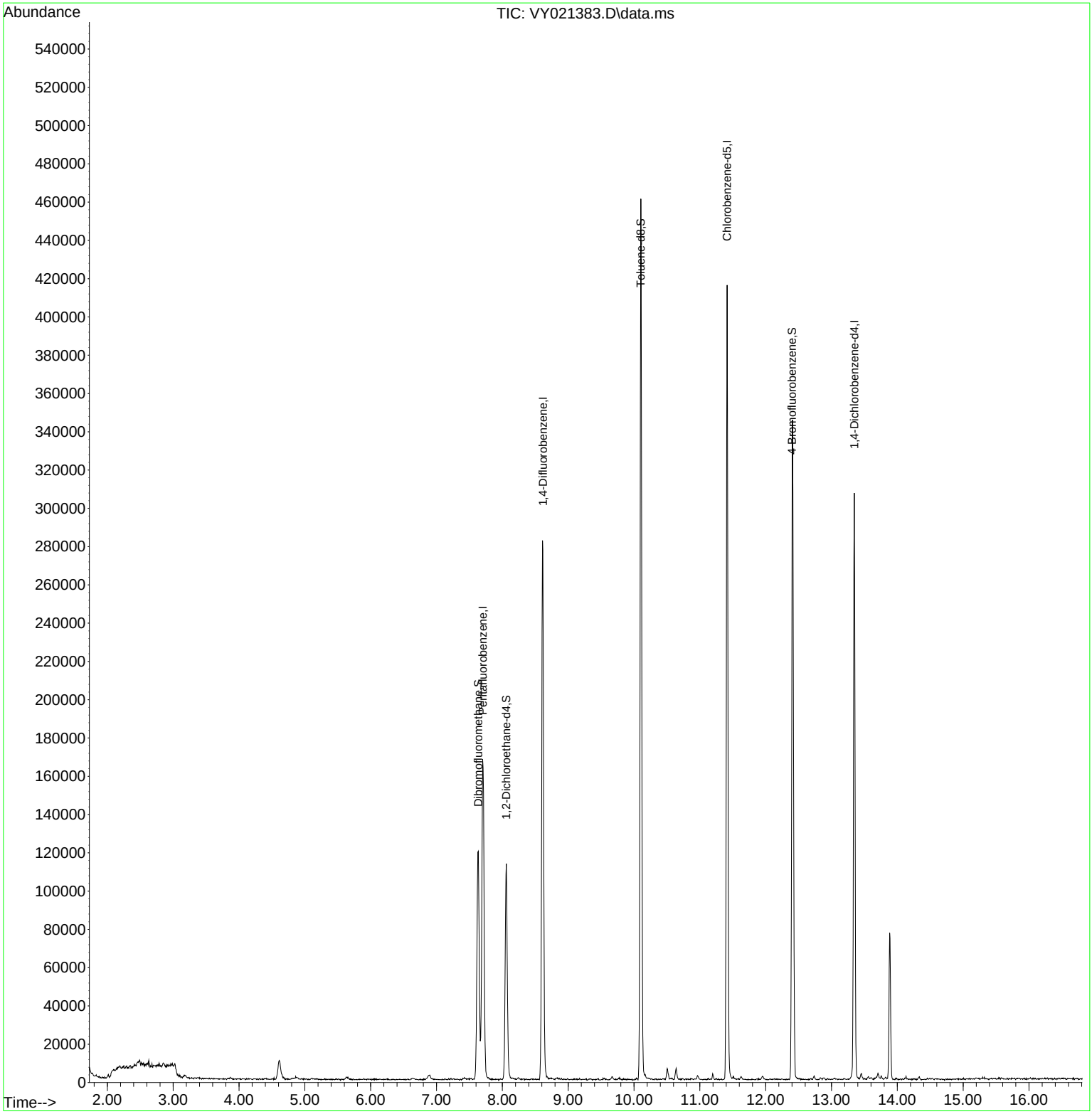
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	128523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	234842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	209615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	75987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	88399	60.631	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.260%			
35) Dibromofluoromethane	7.634	113	85169	55.317	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.640%			
50) Toluene-d8	10.103	98	285341	47.954	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.900%			
62) 4-Bromofluorobenzene	12.402	95	82379	41.137	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 82.280%			
Target Compounds						Qvalue

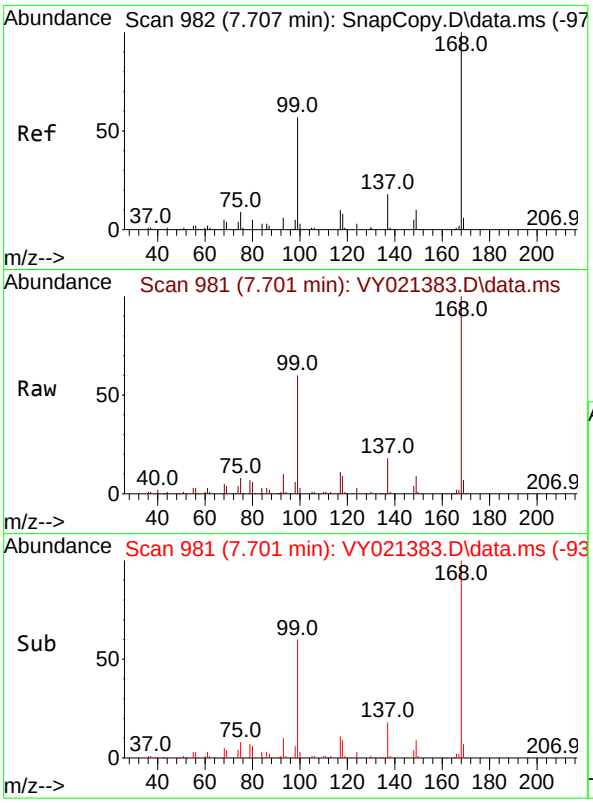
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021383.D
Acq On : 28 Feb 2025 16:18
Operator : SY/MD
Sample : Q1448-02RE
Misc : 6.87g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P1RE

Quant Time: Feb 28 22:21:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



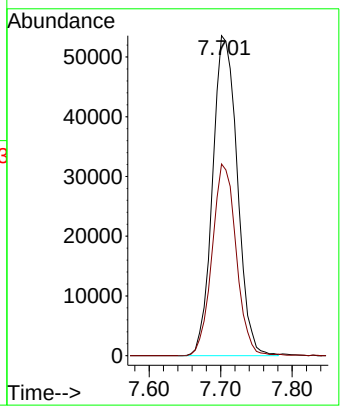


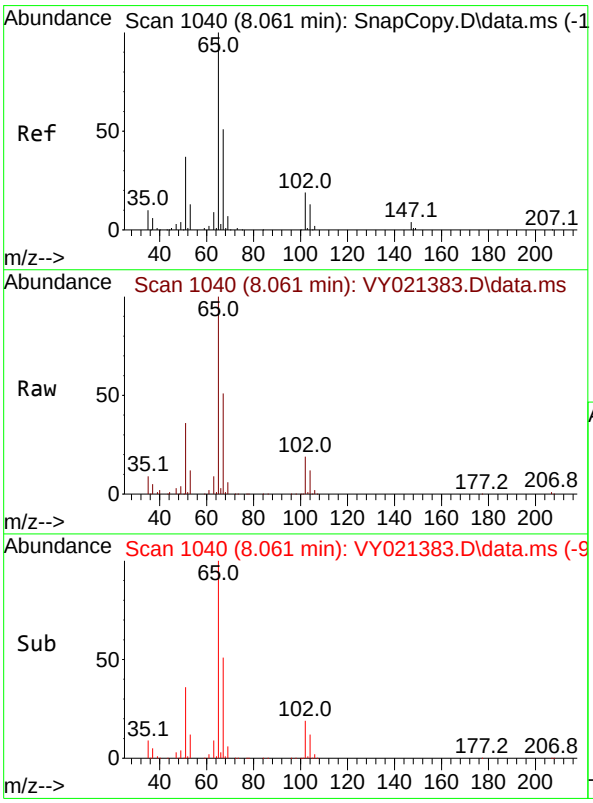
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Instrument :
MSVOA_Y
ClientSampleId :
P1RE

Tgt Ion:168 Resp: 128523

Ion	Ratio	Lower	Upper
168	100		
99	59.9	47.1	70.7

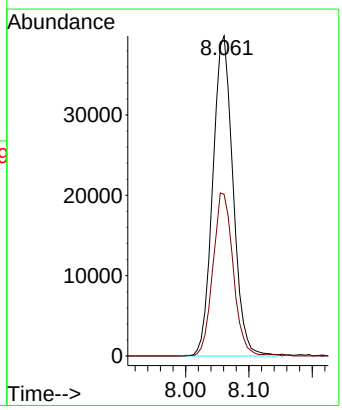


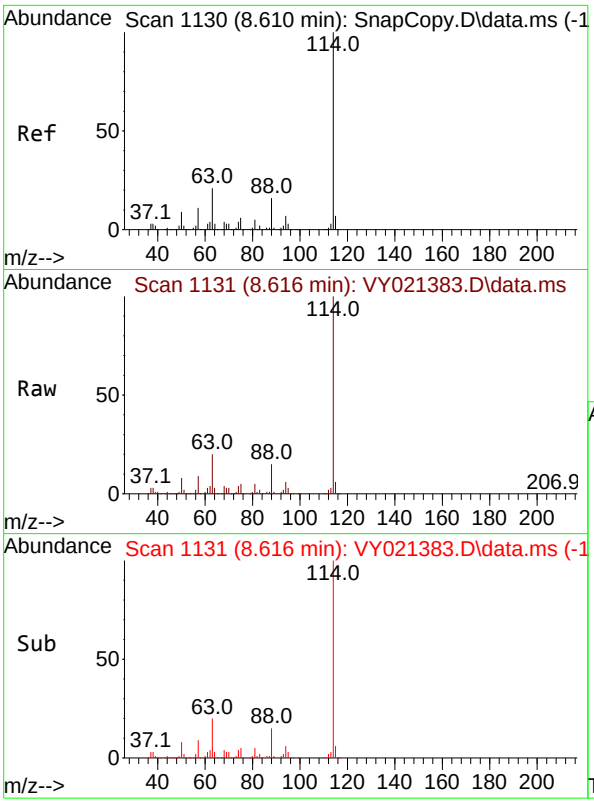


#33
1,2-Dichloroethane-d4
Concen: 60.631 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Tgt Ion: 65 Resp: 88399

Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.6



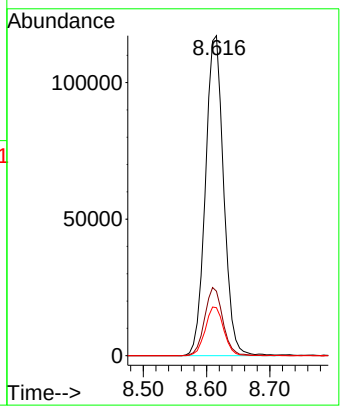


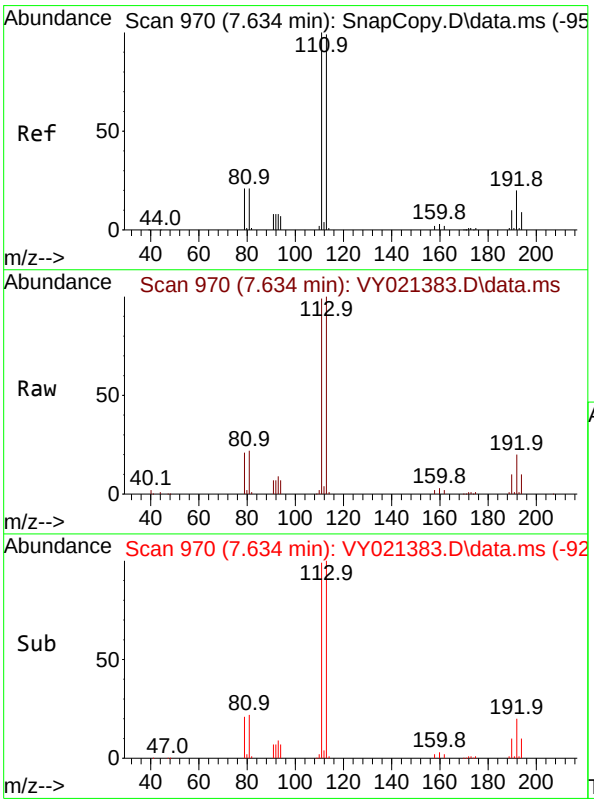
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Instrument :
MSVOA_Y
ClientSampleId :
P1RE

Tgt Ion:114 Resp: 234842

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.2
88	15.0	0.0	29.8

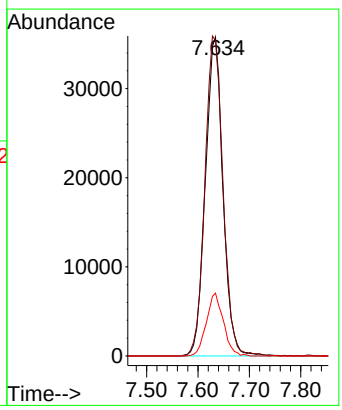


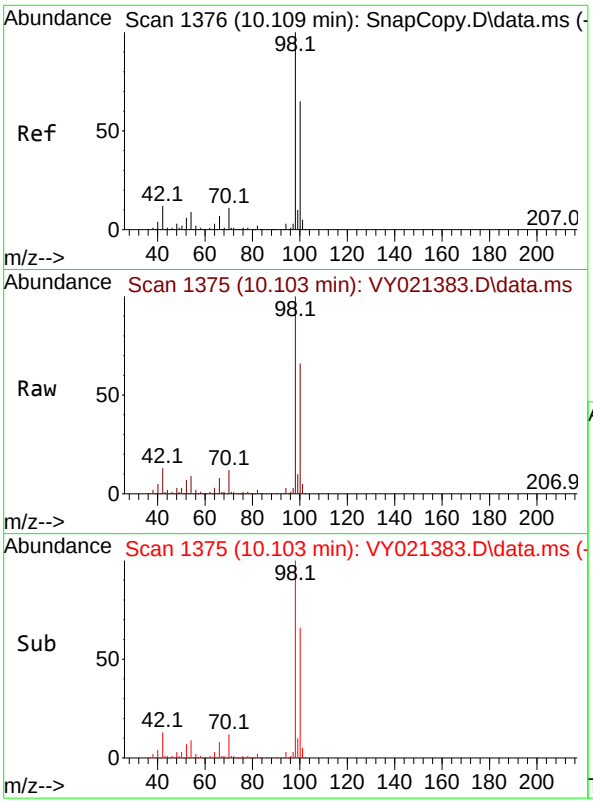


#35
Dibromofluoromethane
Concen: 55.317 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Tgt Ion:113 Resp: 85169

Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.6
192	19.1	15.8	23.8



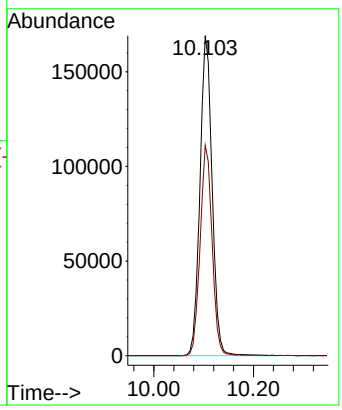


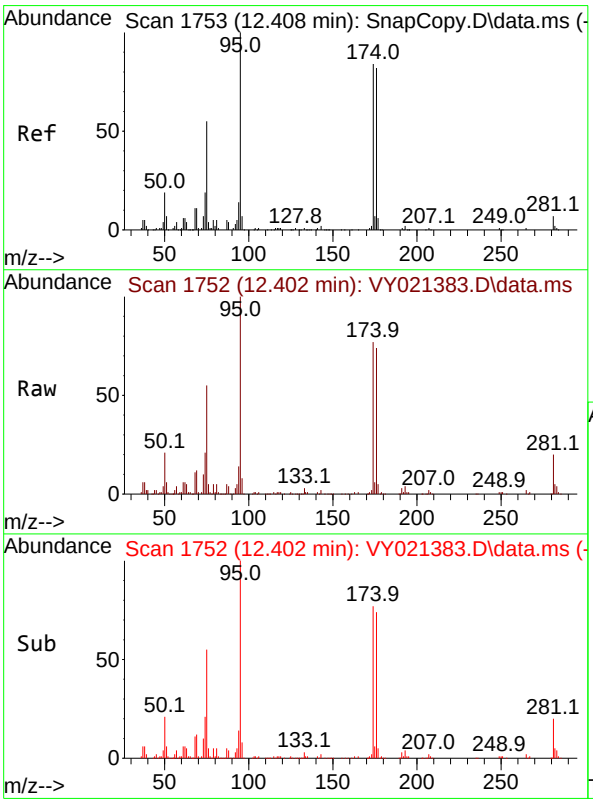
#50
Toluene-d8
Concen: 47.954 ug/l
RT: 10.103 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Instrument :
MSVOA_Y
ClientSampleId :
P1RE

Tgt Ion: 98 Resp: 285341

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6

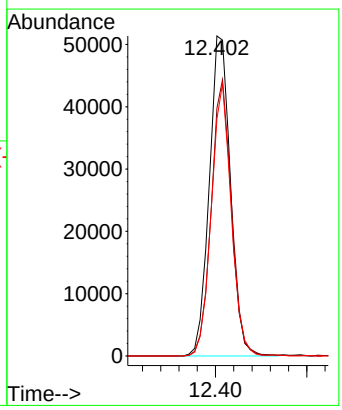




#62
4-Bromofluorobenzene
Concen: 41.137 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

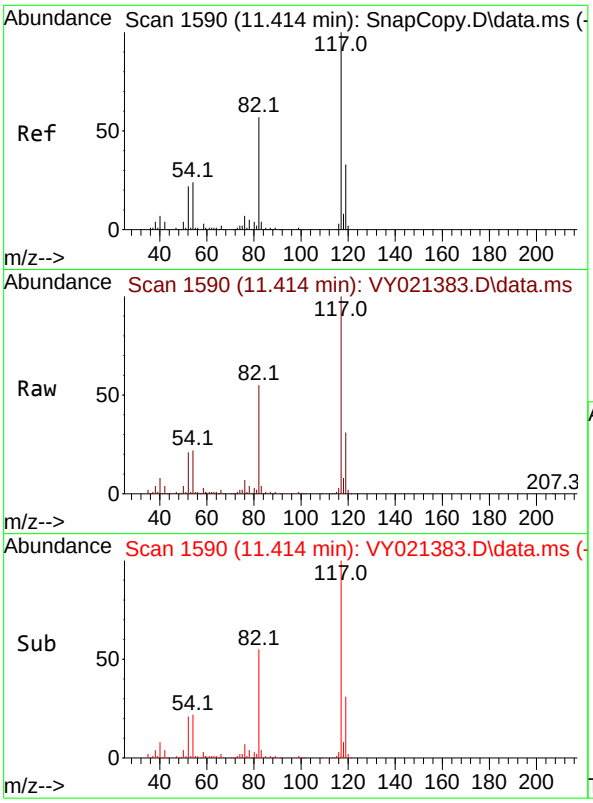
Tgt Ion: 95 Resp: 82379

Ion	Ratio	Lower	Upper
95	100		
174	82.9	0.0	168.0
176	79.8	0.0	162.6



5

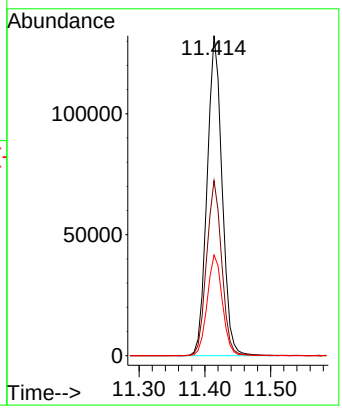
Instrument :
MSVOA_Y
ClientSampleId :
P1RE

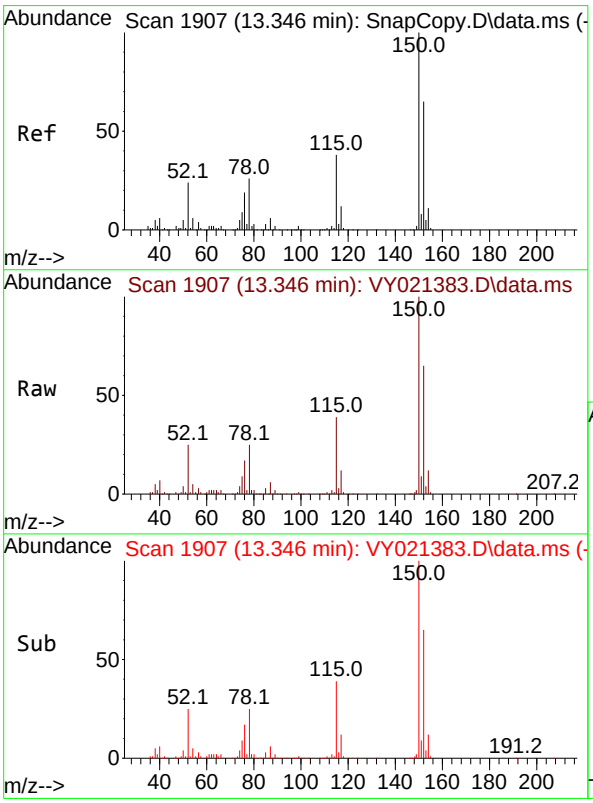


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Tgt Ion:117 Resp: 209615

Ion	Ratio	Lower	Upper
117	100		
82	54.7	46.2	69.4
119	31.4	24.9	37.3

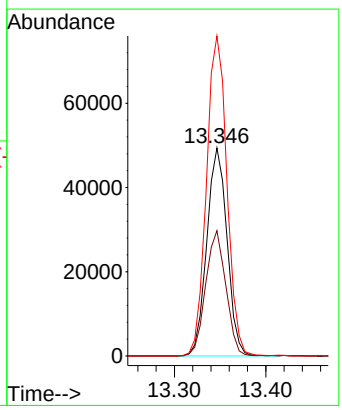




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021383.D
Acq: 28 Feb 2025 16:18

Tgt Ion:152 Resp: 75987

Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.3	88.0
150	155.3	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021368.D
Acq On : 27 Feb 2025 19:06
Operator : SY/MD
Sample : Q1448-03
Misc : 6.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P2

Quant Time: Feb 28 00:44:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

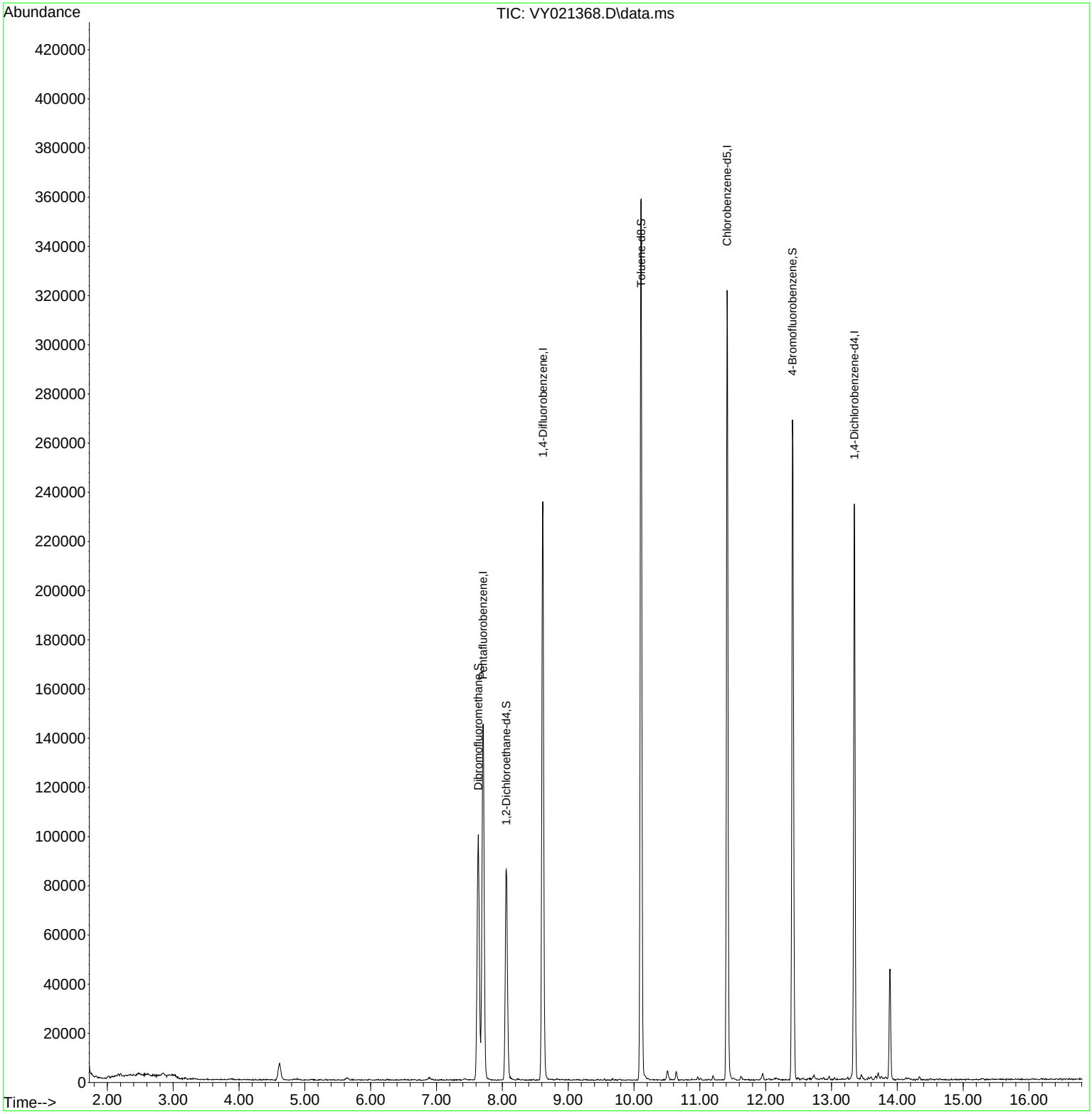
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	110830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	195290	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	166522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	57355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	70693	56.227	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.460%			
35) Dibromofluoromethane	7.634	113	68645	53.615	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.220%			
50) Toluene-d8	10.109	98	234138	47.318	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.640%			
62) 4-Bromofluorobenzene	12.408	95	64050	38.462	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 76.920%			
Target Compounds						Qvalue

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

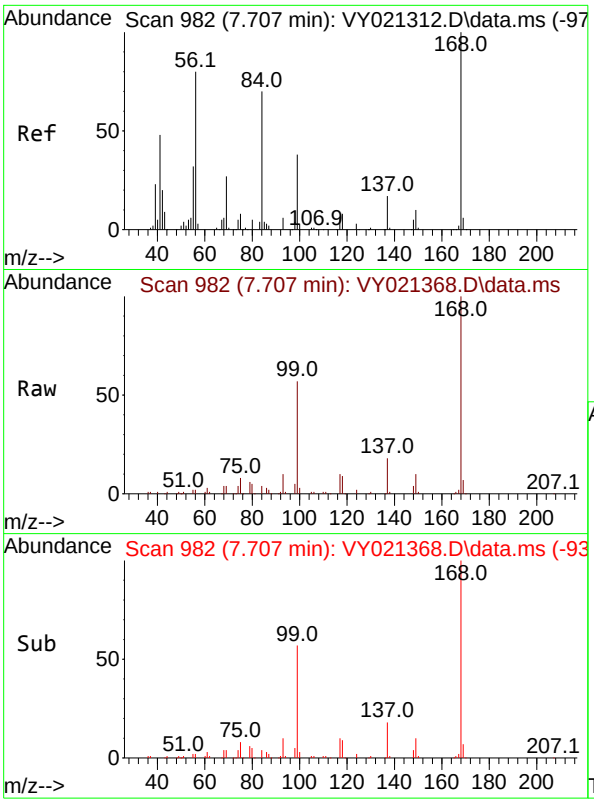
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021368.D
Acq On : 27 Feb 2025 19:06
Operator : SY/MD
Sample : Q1448-03
Misc : 6.38g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P2

Quant Time: Feb 28 00:44:26 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



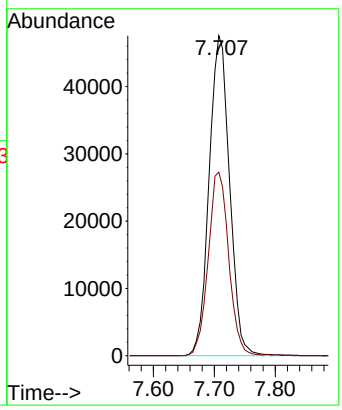
Instrument :
MSVOA_Y
ClientSampleId :
P2

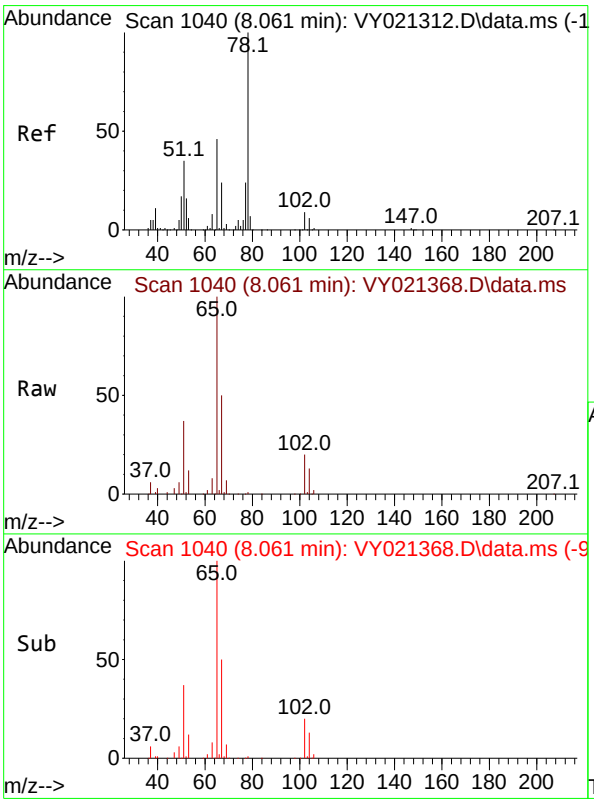


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021368.D
Acq: 27 Feb 2025 19:06

Tgt Ion:168 Resp: 110830

Ion	Ratio	Lower	Upper
168	100		
99	57.4	47.1	70.7

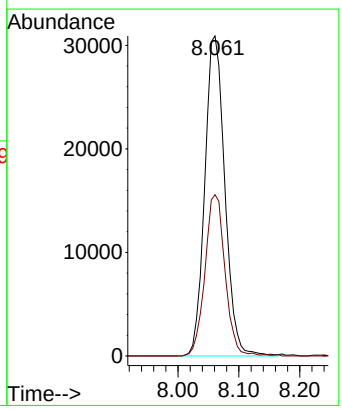


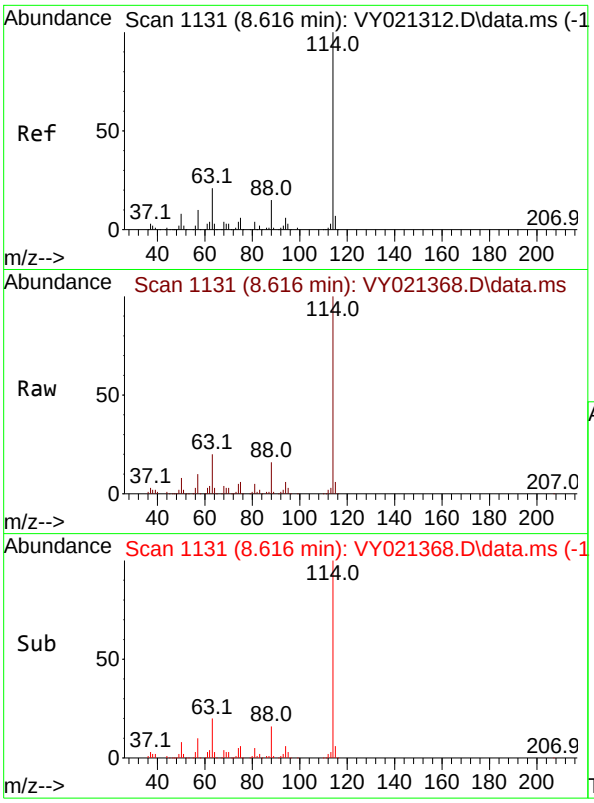


#33
1,2-Dichloroethane-d4
Concen: 56.227 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021368.D
Acq: 27 Feb 2025 19:06

Tgt Ion: 65 Resp: 70693

Ion	Ratio	Lower	Upper
65	100		
67	50.6	0.0	103.6



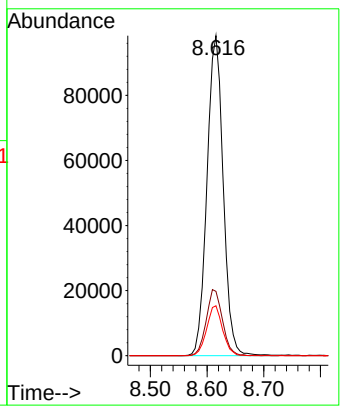


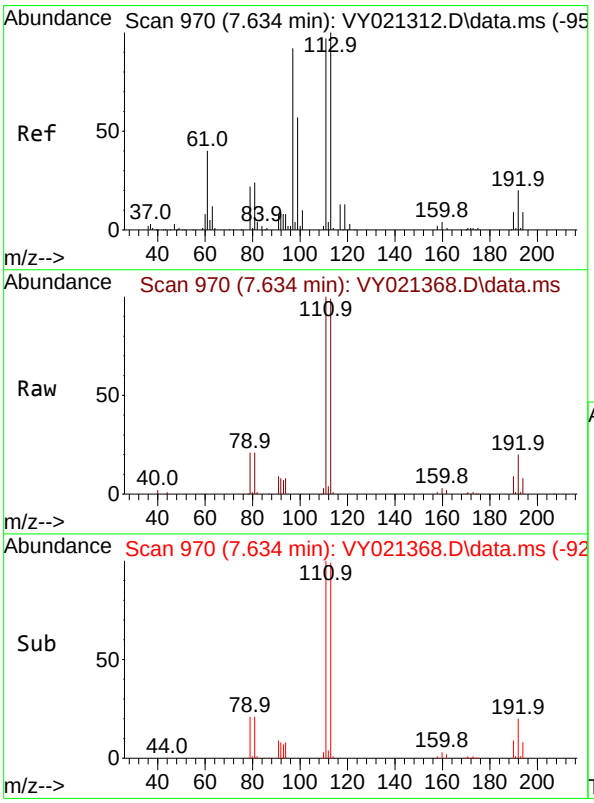
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021368.D
Acq: 27 Feb 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
P2

Tgt Ion:114 Resp: 195290

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.2
88	15.6	0.0	29.8

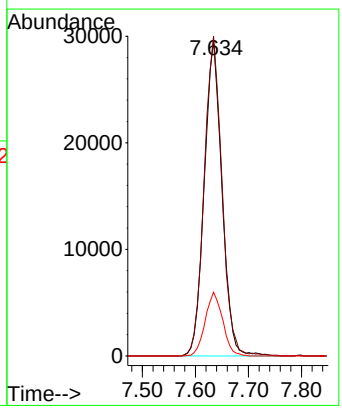


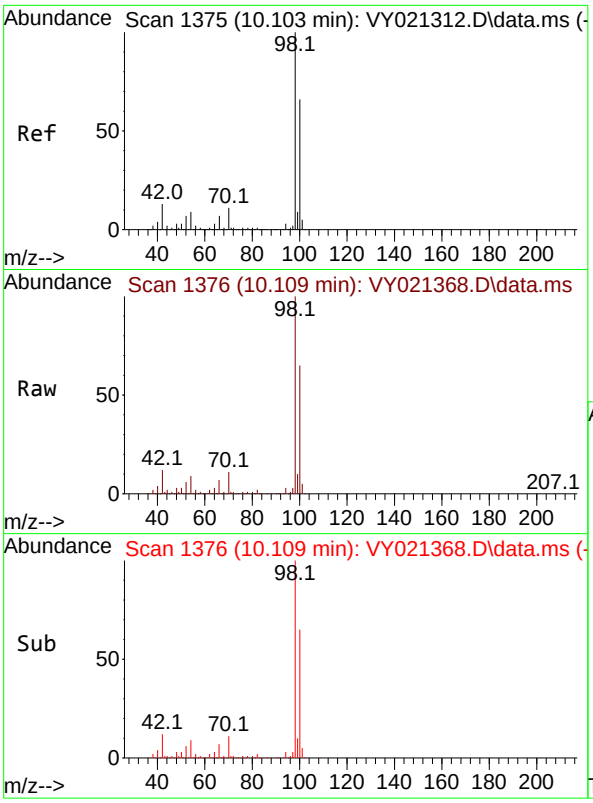


#35
Dibromofluoromethane
Concen: 53.615 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021368.D
Acq: 27 Feb 2025 19:06

Tgt Ion:113 Resp: 68645

Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.0	121.6
192	20.0	15.8	23.8



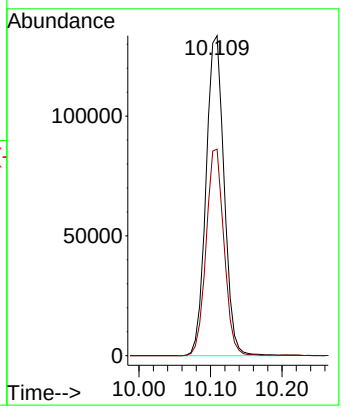


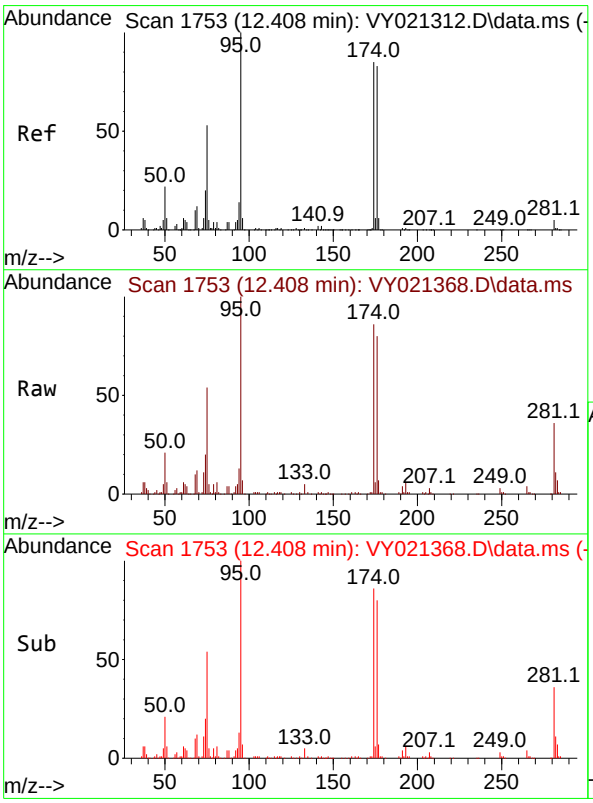
#50
Toluene-d8
Concen: 47.318 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021368.D
Acq: 27 Feb 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
P2

Tgt Ion: 98 Resp: 234138

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.4	78.6

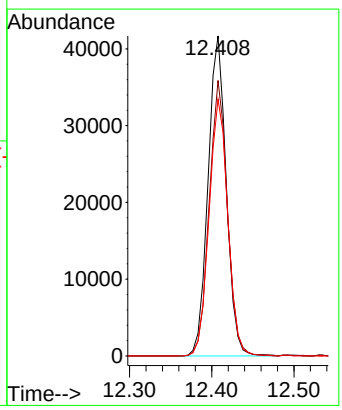


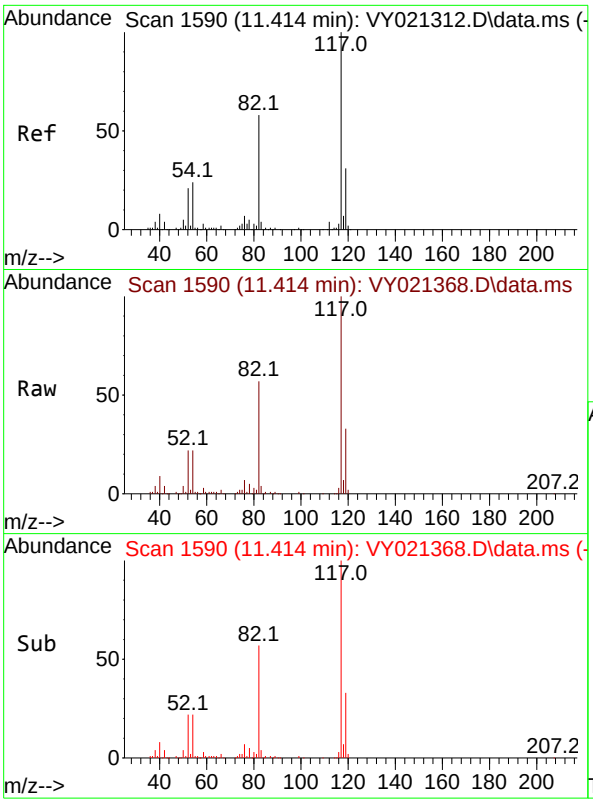


#62
4-Bromofluorobenzene
Concen: 38.462 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021368.D
Acq: 27 Feb 2025 19:06

Tgt Ion: 95 Resp: 64050

Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	168.0
176	82.8	0.0	162.6



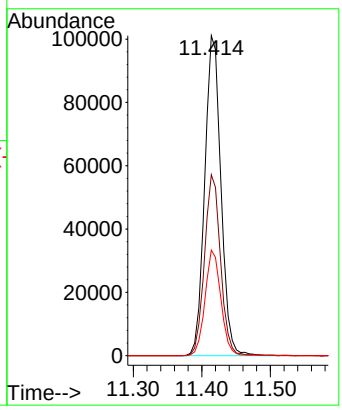


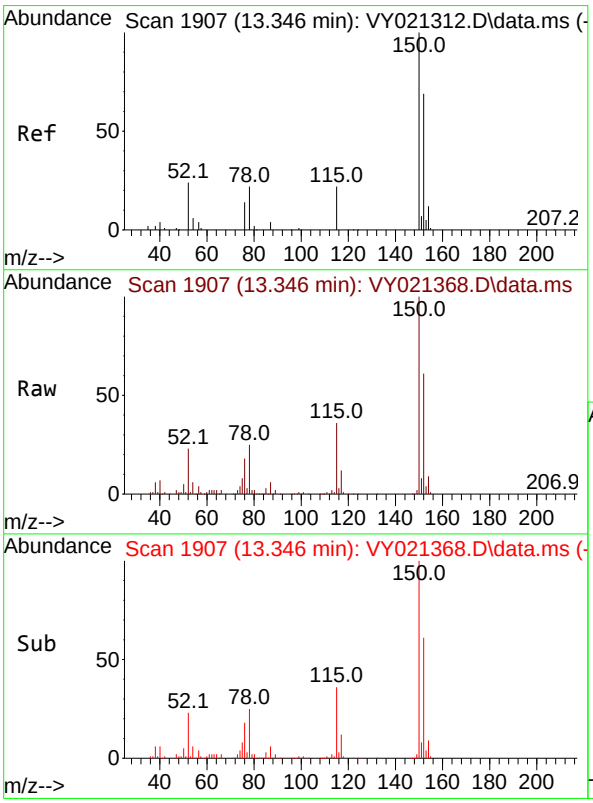
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021368.D
Acq: 27 Feb 2025 19:06

Instrument :
MSVOA_Y
ClientSampleId :
P2

Tgt Ion:117 Resp: 166522

Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.2	69.4
119	33.0	24.9	37.3

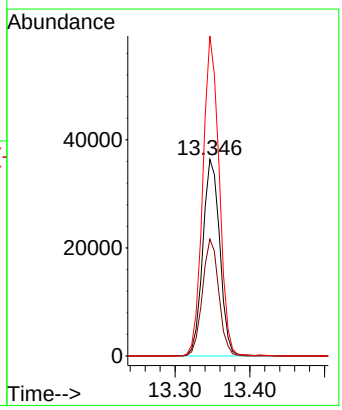




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021368.D
Acq: 27 Feb 2025 19:06

Tgt Ion:152 Resp: 57355

Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.3	88.0
150	156.7	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021384.D
Acq On : 28 Feb 2025 16:41
Operator : SY/MD
Sample : Q1448-03RE
Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P2RE

Quant Time: Feb 28 22:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

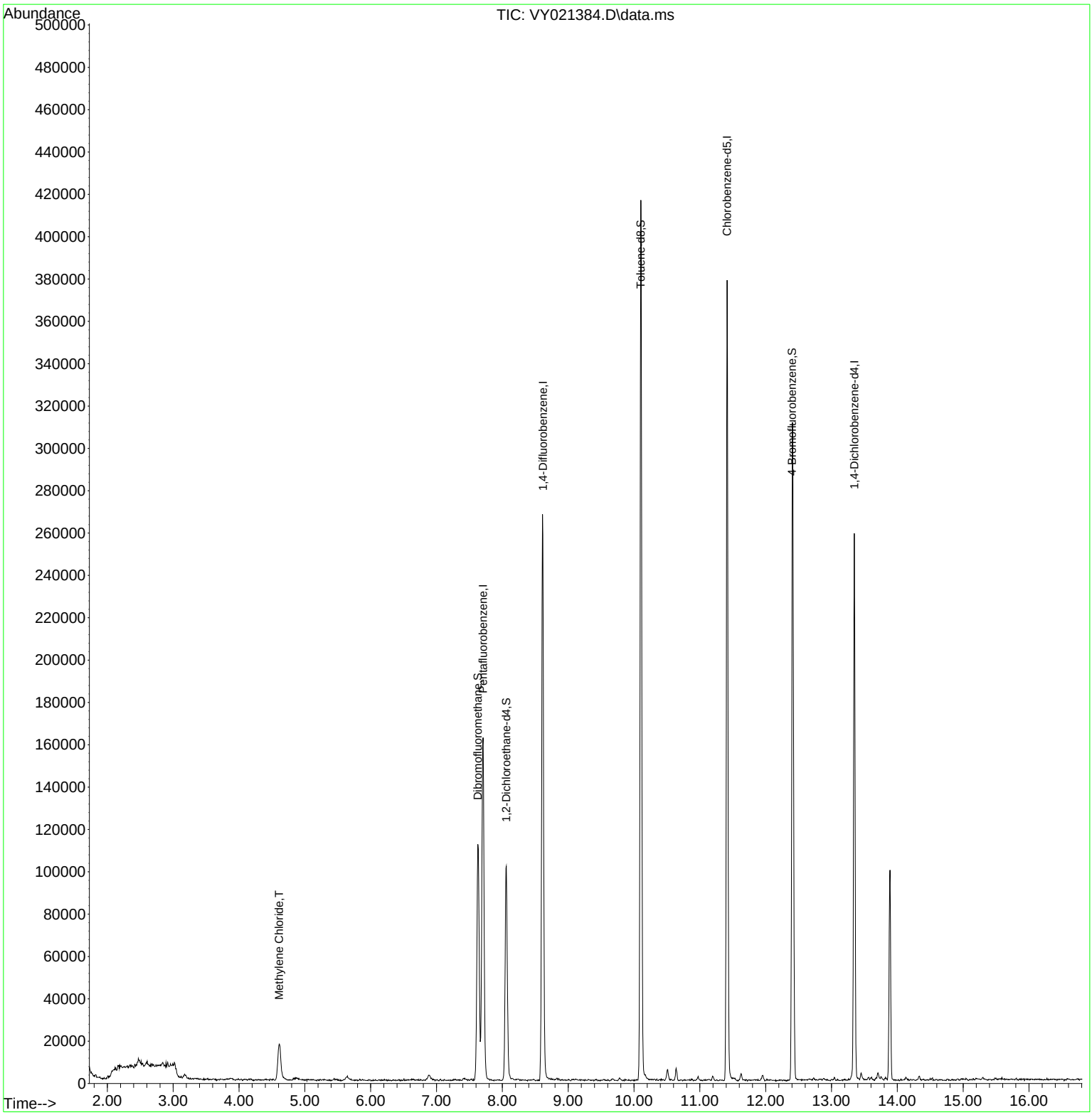
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	121901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	220759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	190273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	61708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	82163	59.415	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.840%			
35) Dibromofluoromethane	7.628	113	79241	54.750	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.500%			
50) Toluene-d8	10.103	98	265235	47.419	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.840%			
62) 4-Bromofluorobenzene	12.402	95	72859	38.704	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.400%			
Target Compounds						Qvalue
20) Methylene Chloride	4.610	84	12720	8.868	ug/l	88

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

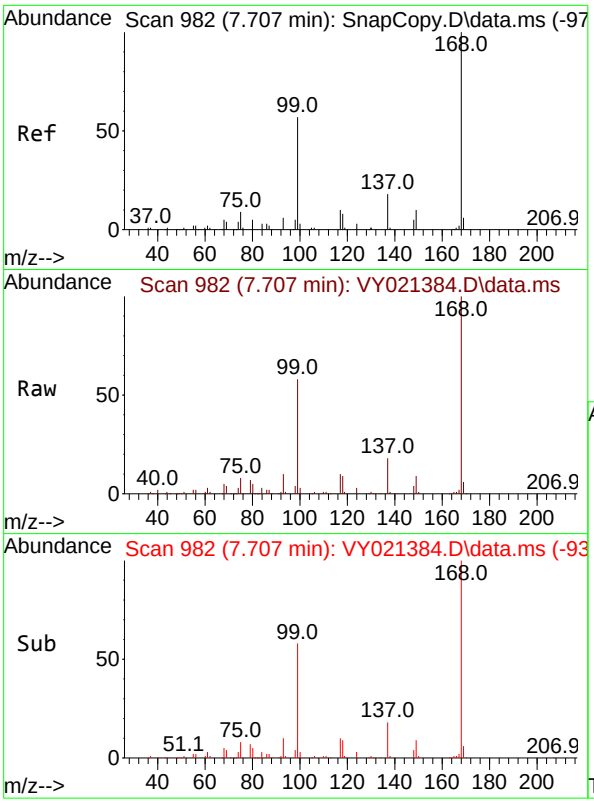
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021384.D
Acq On : 28 Feb 2025 16:41
Operator : SY/MD
Sample : Q1448-03RE
Misc : 5.22g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P2RE

Quant Time: Feb 28 22:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



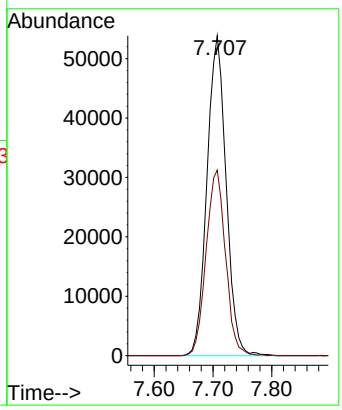
Instrument :
MSVOA_Y
ClientSampleId :
P2RE

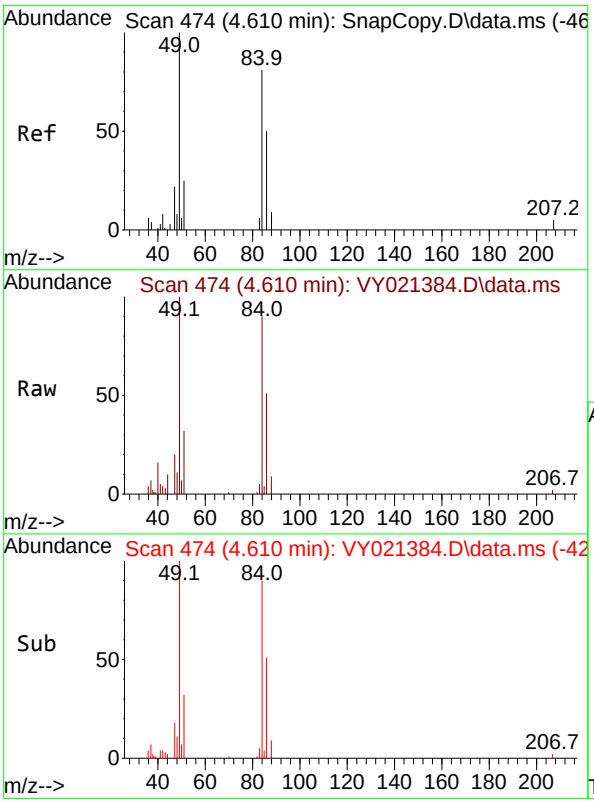


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Tgt Ion:168 Resp: 121901

Ion	Ratio	Lower	Upper
168	100		
99	58.0	47.1	70.7

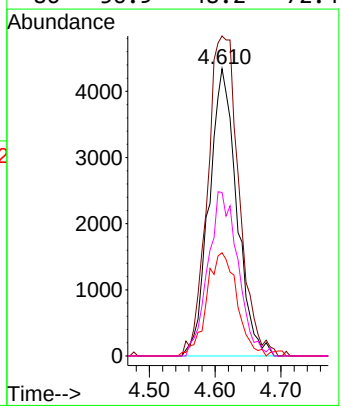


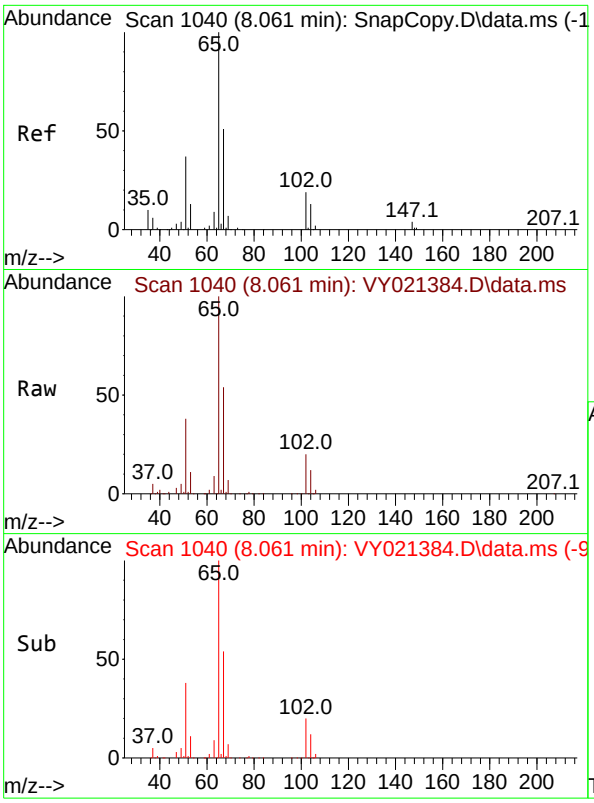


#20
Methylene Chloride
Concen: 8.868 ug/l
RT: 4.610 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Tgt Ion: 84 Resp: 12720

Ion	Ratio	Lower	Upper
84	100		
49	111.4	105.1	157.7
51	36.0	31.0	46.4
86	56.9	48.2	72.4



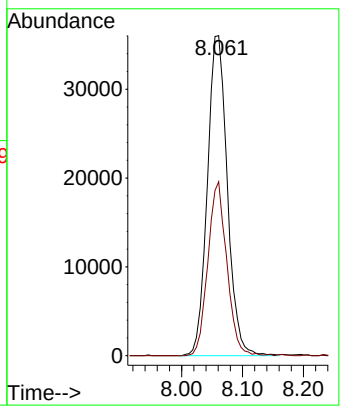


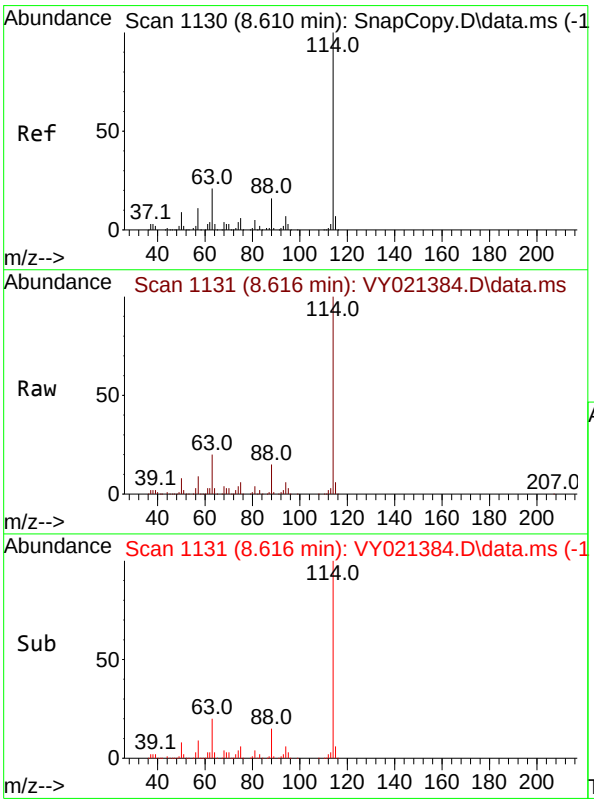
#33
1,2-Dichloroethane-d4
Concen: 59.415 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Instrument :
MSVOA_Y
ClientSampleId :
P2RE

Tgt Ion: 65 Resp: 82163

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	103.6

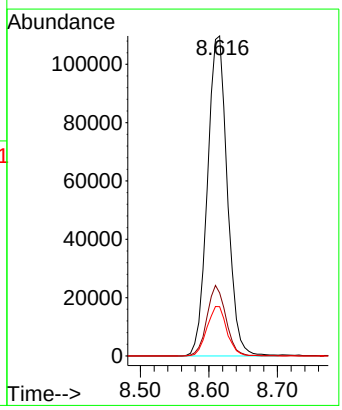


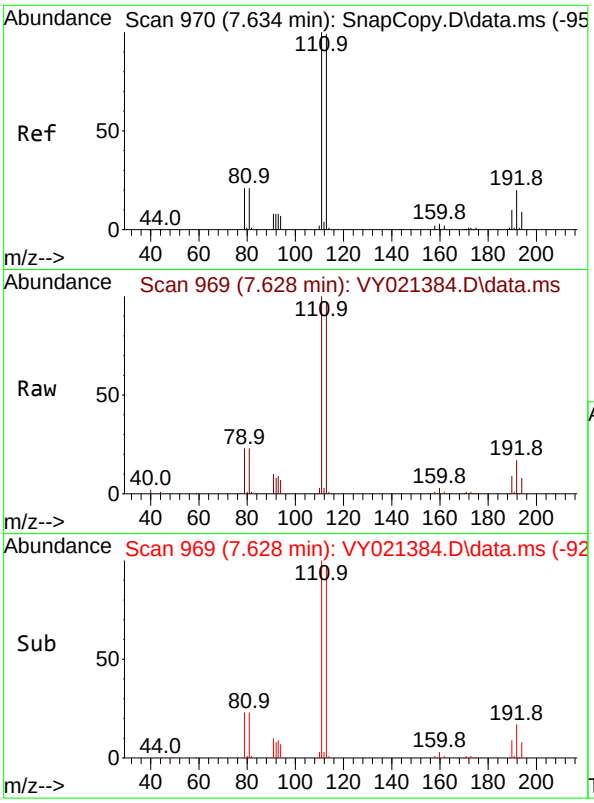


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Tgt Ion:114 Resp: 220759

Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.2
88	15.4	0.0	29.8



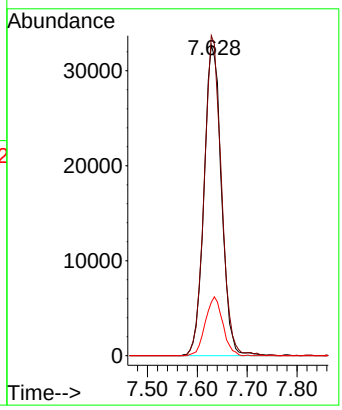


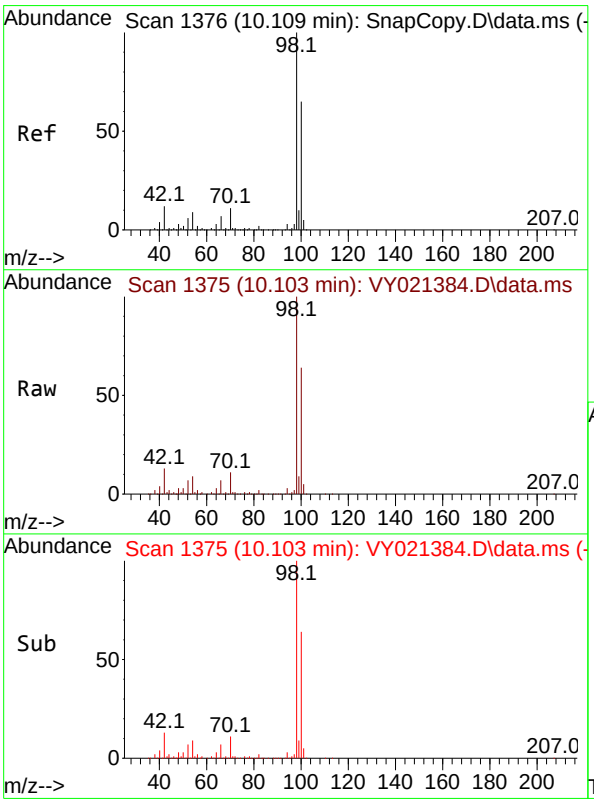
#35
Dibromofluoromethane
Concen: 54.750 ug/l
RT: 7.628 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Instrument :
MSVOA_Y
ClientSampleId :
P2RE

Tgt Ion:113 Resp: 79241

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.6
192	19.0	15.8	23.8

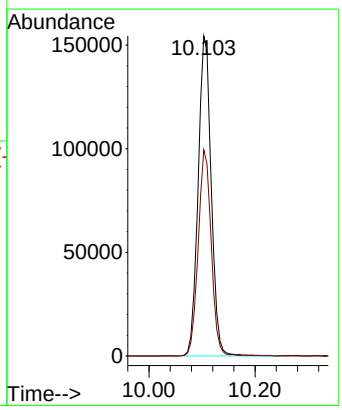


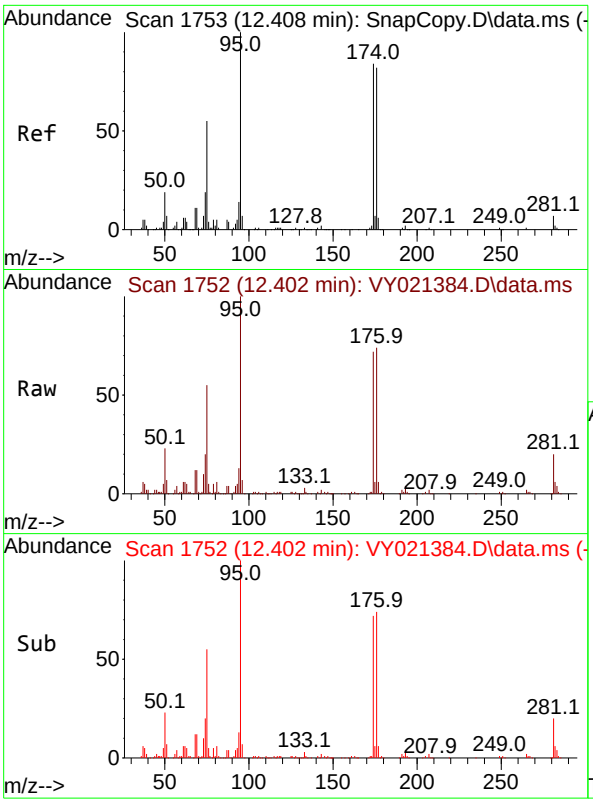


#50
Toluene-d8
Concen: 47.419 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Tgt Ion: 98 Resp: 265235

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.4	78.6



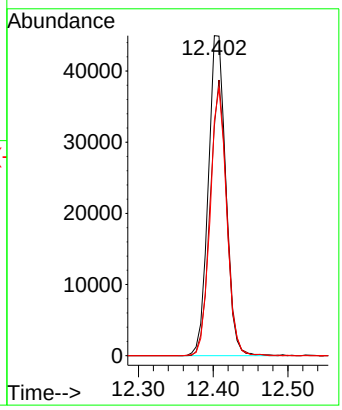


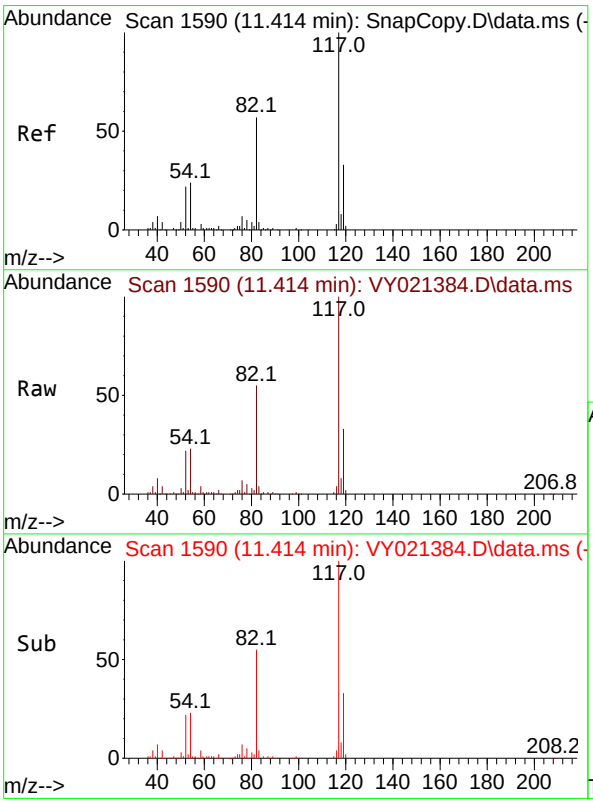
#62
4-Bromofluorobenzene
Concen: 38.704 ug/l
RT: 12.402 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Instrument :
MSVOA_Y
ClientSampleId :
P2RE

Tgt Ion: 95 Resp: 72859

Ion	Ratio	Lower	Upper
95	100		
174	82.1	0.0	168.0
176	79.3	0.0	162.6

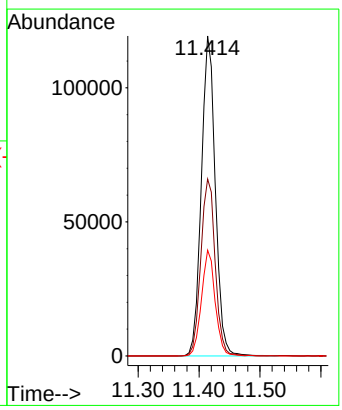


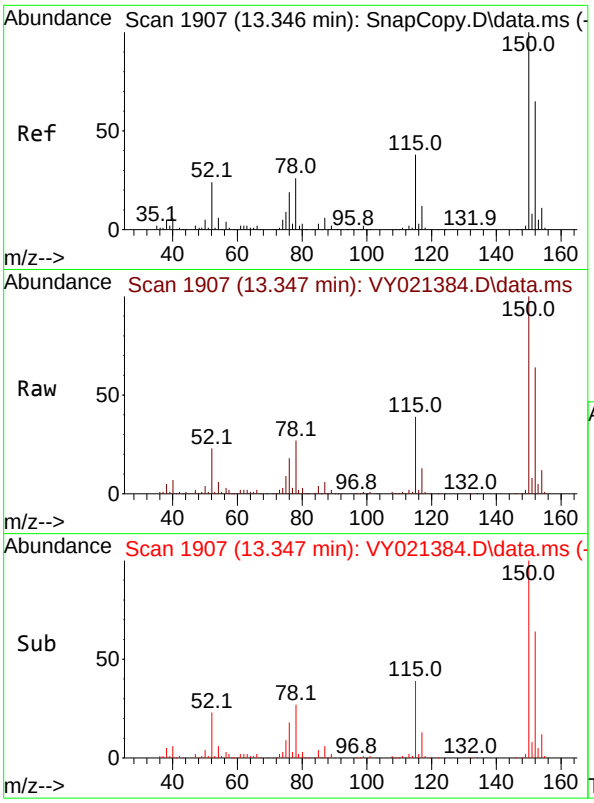


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Tgt Ion:117 Resp: 190273

Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.2	69.4
119	33.1	24.9	37.3



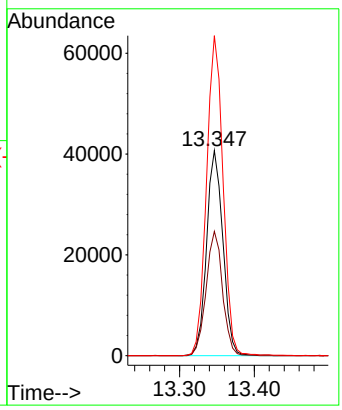


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021384.D
Acq: 28 Feb 2025 16:41

Instrument :
MSVOA_Y
ClientSampleId :
P2RE

Tgt Ion:152 Resp: 61708

Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.3	88.0
150	157.8	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021369.D
Acq On : 27 Feb 2025 19:29
Operator : SY/MD
Sample : Q1448-04
Misc : 6.54g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P3

Quant Time: Feb 28 00:44:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

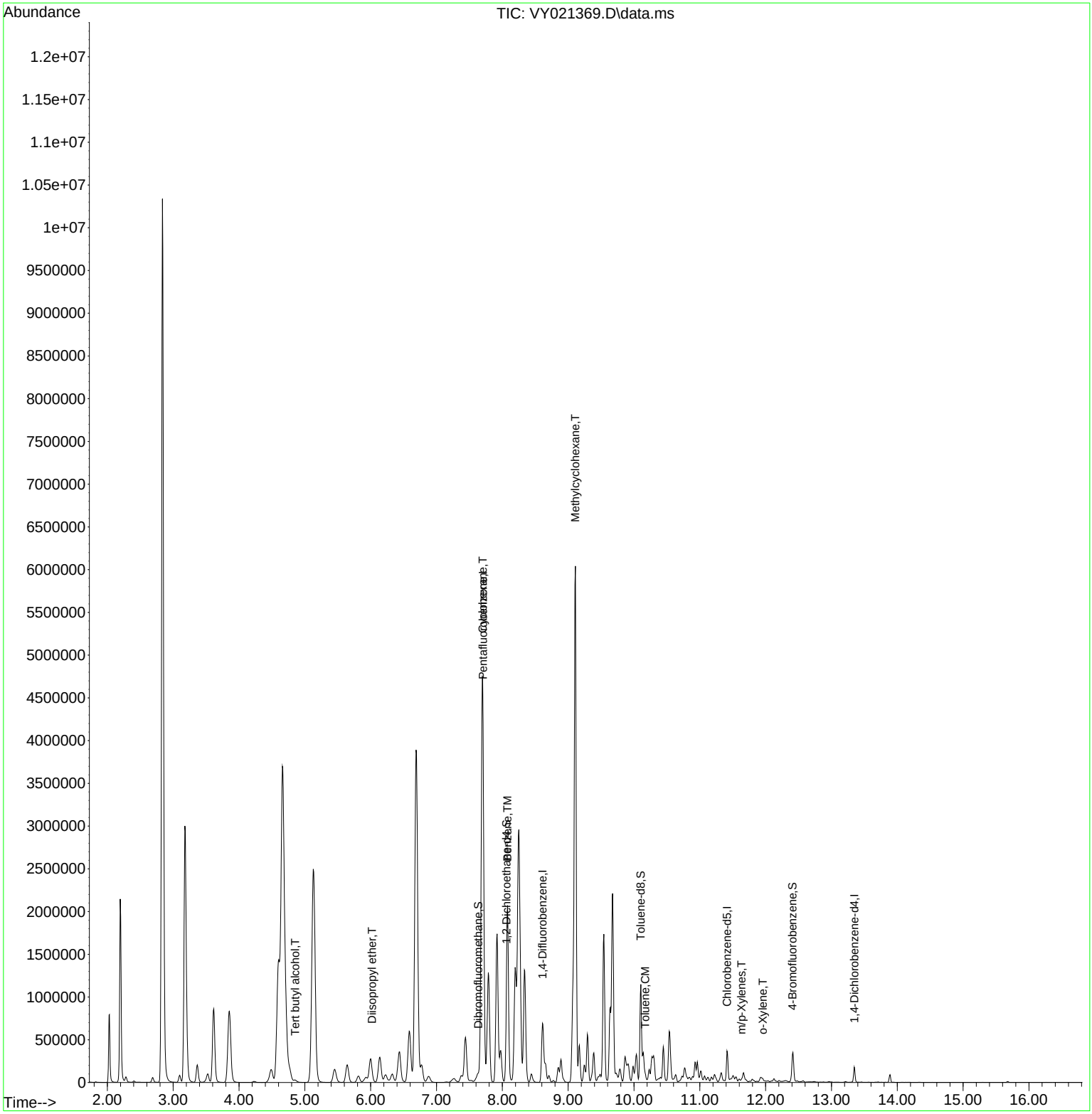
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	116202	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	199239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	161221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	42795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66778	50.658	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.320%			
35) Dibromofluoromethane	7.634	113	65580	50.206	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.420%			
50) Toluene-d8	10.103	98	268179	53.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.240%			
62) 4-Bromofluorobenzene	12.408	95	60362	35.529	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 71.060%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	47017	463.704	ug/l #	72
22) Diisopropyl ether	6.019	45	31233	7.281	ug/l	94
31) Cyclohexane	7.701	56	2577430	1109.012	ug/l	98
39) Methylcyclohexane	9.110	83	2385301	961.158	ug/l	99
40) Benzene	8.079	78	1986204	342.443	ug/l	100
52) Toluene	10.170	92	34037	9.446	ug/l	98
68) m/p-Xylenes	11.633	106	5793	2.403	ug/l	96
69) o-Xylene	11.957	106	7367	3.262	ug/l	91

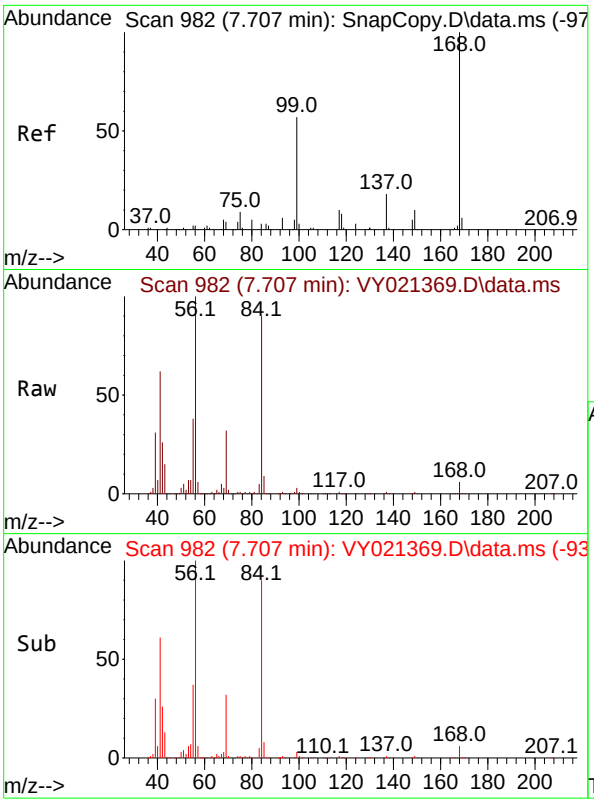
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021369.D
Acq On : 27 Feb 2025 19:29
Operator : SY/MD
Sample : Q1448-04
Misc : 6.54g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P3

Quant Time: Feb 28 00:44:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



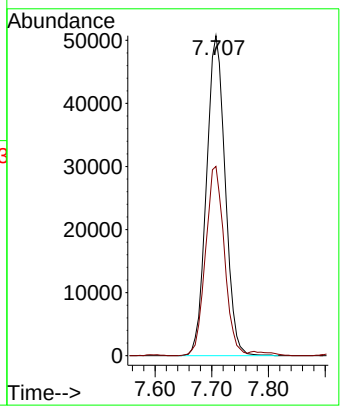


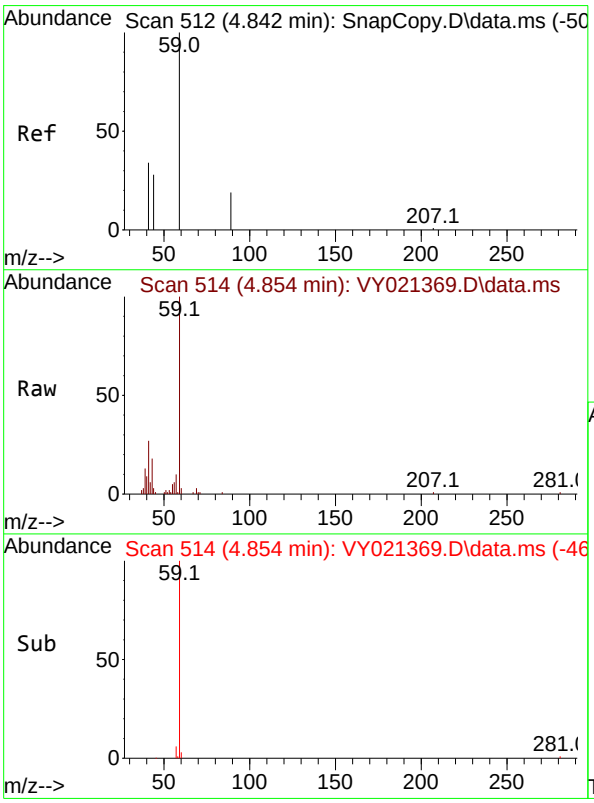
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Instrument :
MSVOA_Y
ClientSampleId :
P3

Tgt Ion:168 Resp: 116202

Ion	Ratio	Lower	Upper
168	100		
99	59.2	47.1	70.7

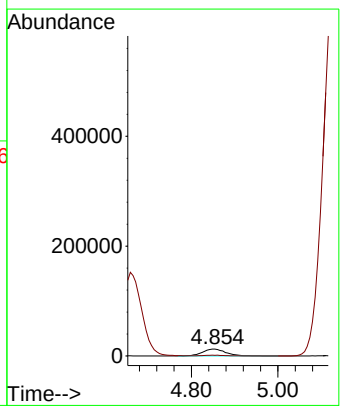




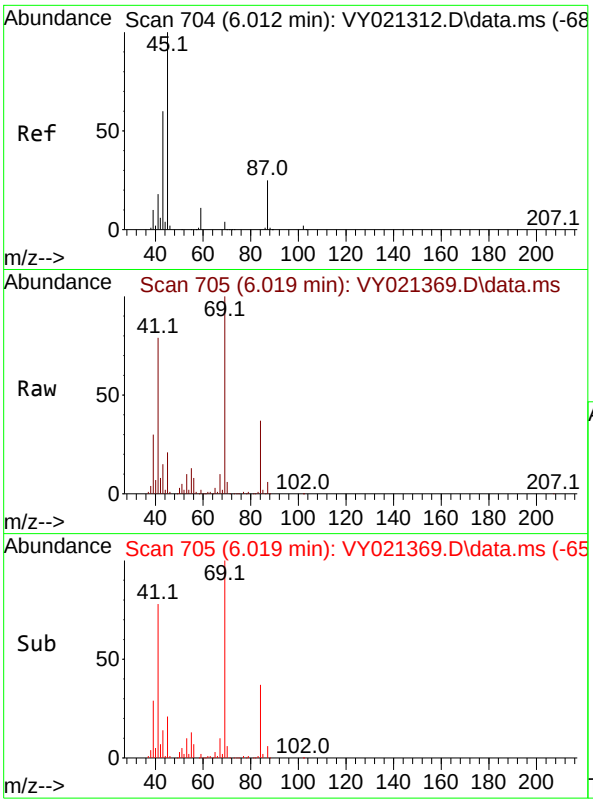
#11
Tert butyl alcohol
Concen: 463.704 ug/l
RT: 4.854 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 59 Resp: 47017

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.3	12.5#



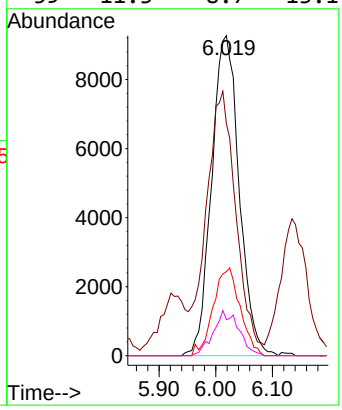
Instrument :
MSVOA_Y
ClientSampleId :
P3

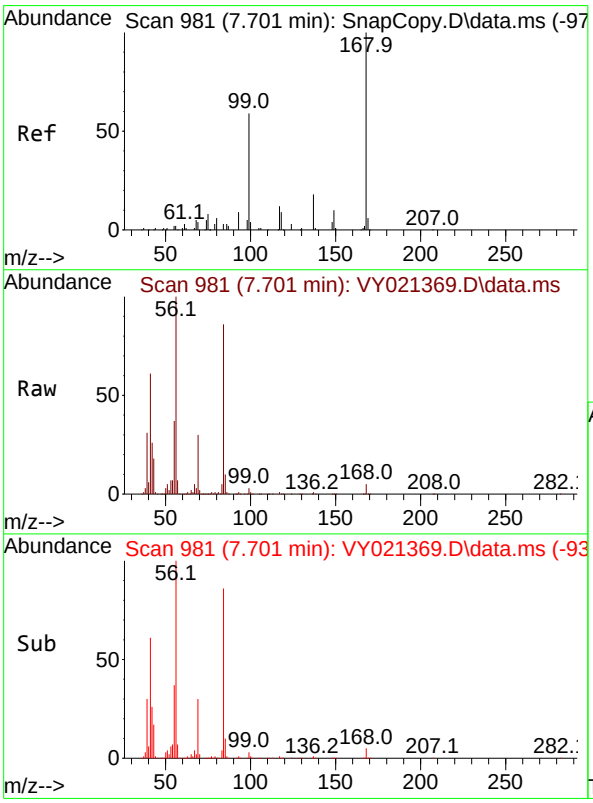


#22
Diisopropyl ether
Concen: 7.281 ug/l
RT: 6.019 min Scan# 7
Delta R.T. 0.006 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 45 Resp: 31233

Ion	Ratio	Lower	Upper
45	100		
43	53.9	48.2	72.4
87	26.3	20.3	30.5
59	11.3	8.7	13.1

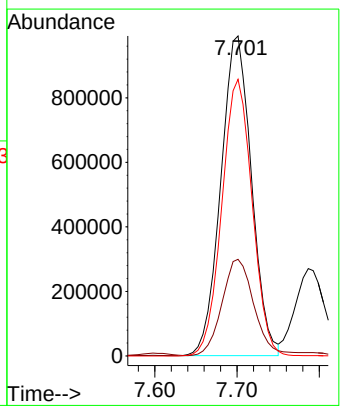


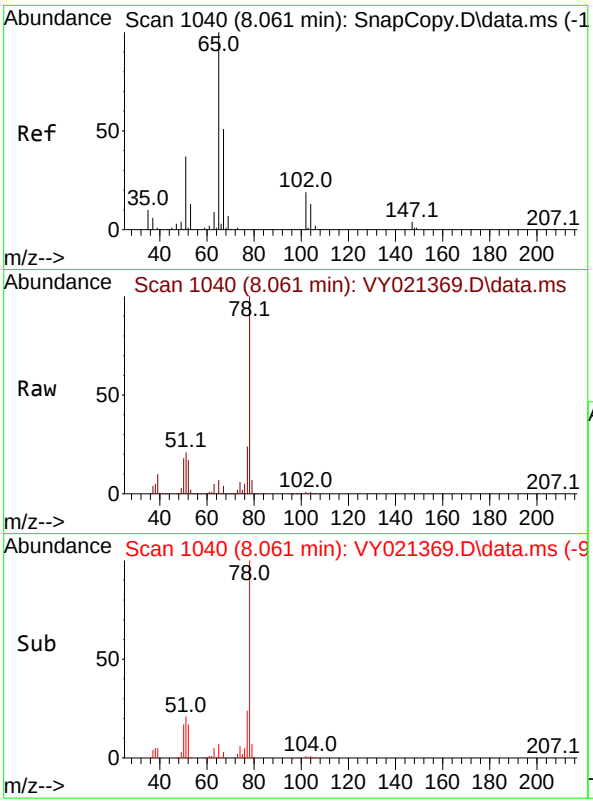


#31
Cyclohexane
Concen: 1109.012 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 56 Resp: 2577430

Ion	Ratio	Lower	Upper
56	100		
69	30.0	26.2	39.4
84	86.5	70.2	105.4



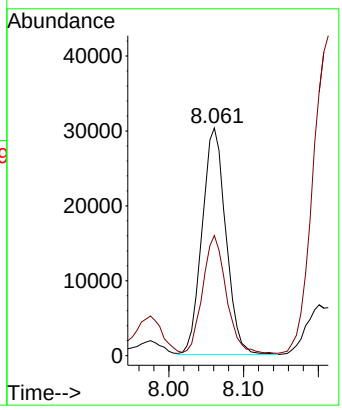


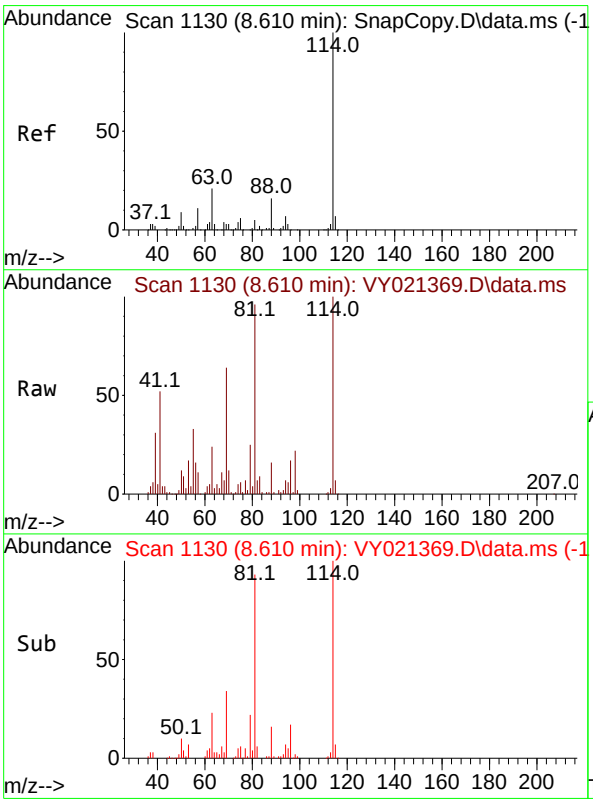
#33
1,2-Dichloroethane-d4
Concen: 50.658 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Instrument :
MSVOA_Y
ClientSampleId :
P3

Tgt Ion: 65 Resp: 66778

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	103.6

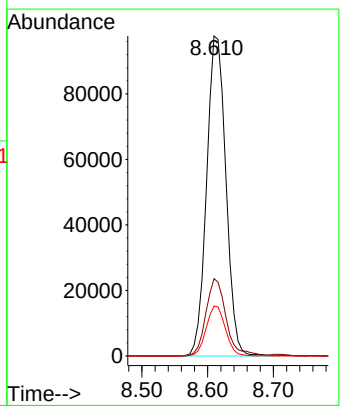


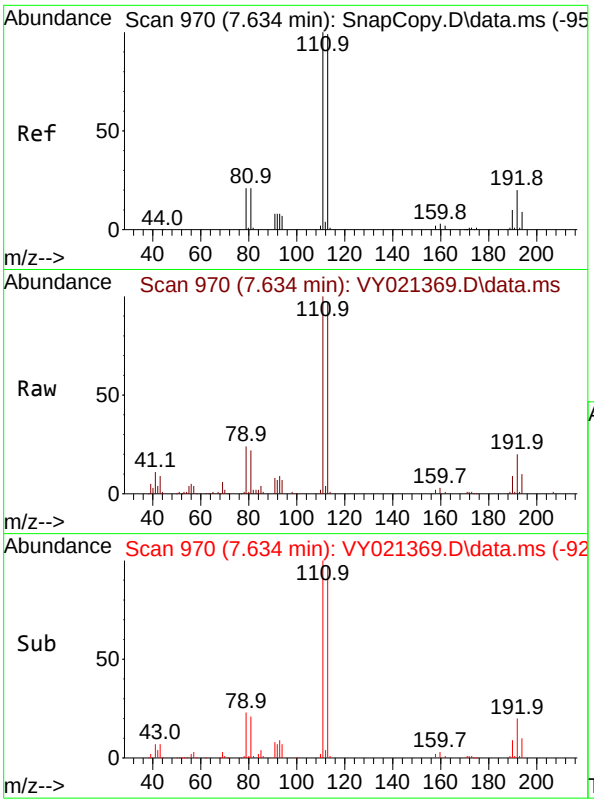


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion:114 Resp: 199239

Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	42.2
88	15.6	0.0	29.8



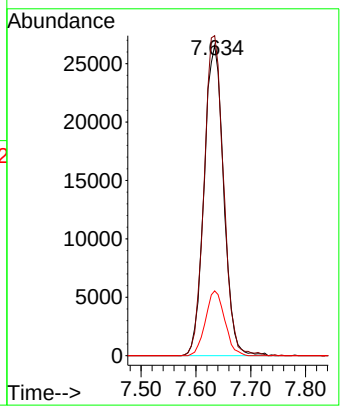


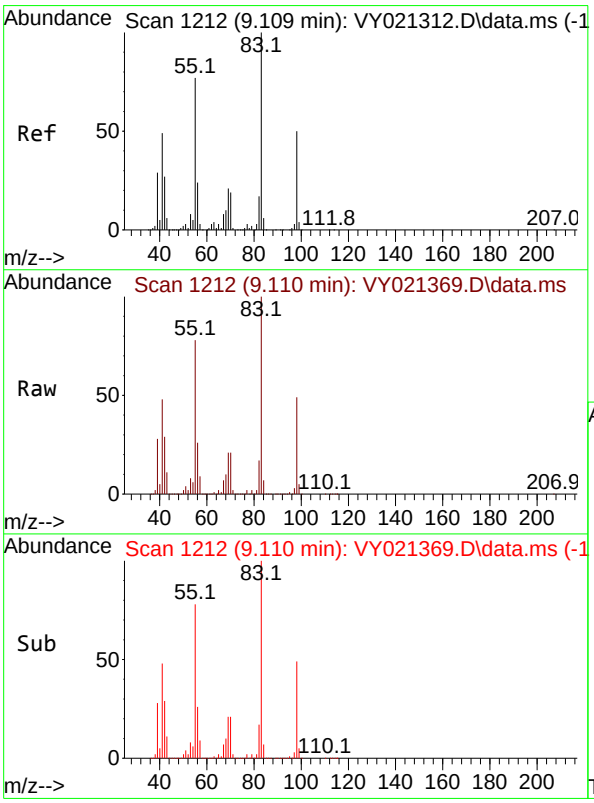
#35
Dibromofluoromethane
Concen: 50.206 ug/l
RT: 7.634 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Instrument :
MSVOA_Y
ClientSampleId :
P3

Tgt Ion:113 Resp: 65580

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.6
192	20.7	15.8	23.8

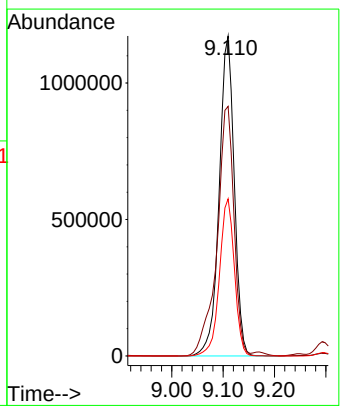


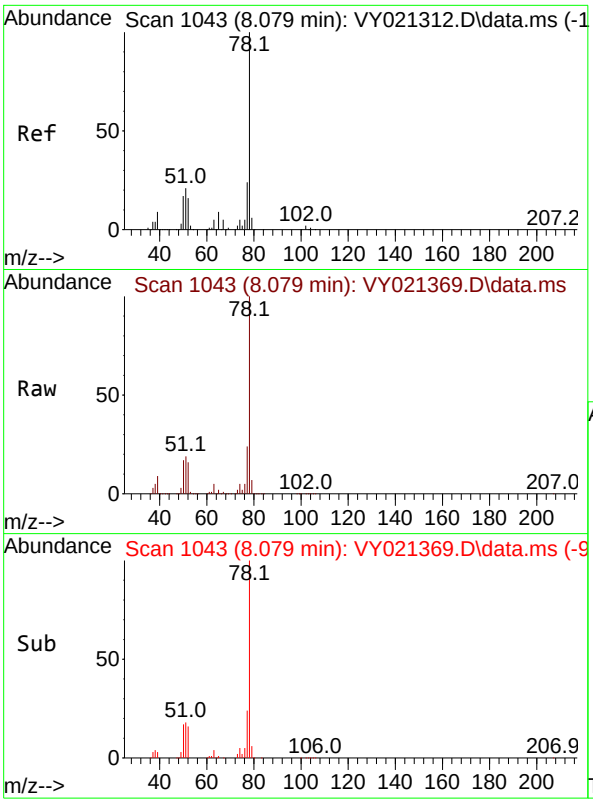


#39
Methylcyclohexane
Concen: 961.158 ug/l
RT: 9.110 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 83 Resp: 2385301

Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.3	91.9
98	49.1	39.9	59.9



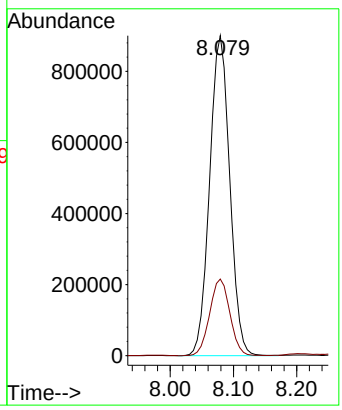


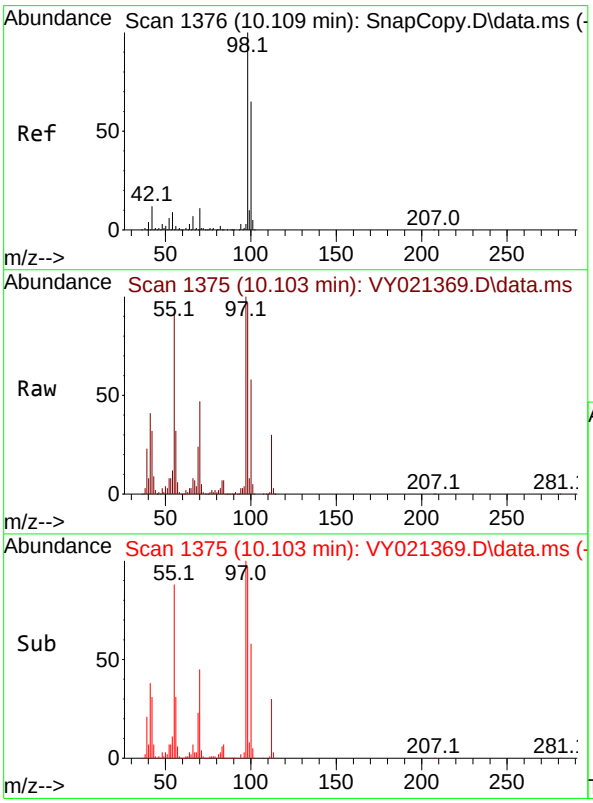
#40
Benzene
Concen: 342.443 ug/l
RT: 8.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Instrument :
MSVOA_Y
ClientSampleId :
P3

Tgt Ion: 78 Resp: 1986204

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.2	28.8

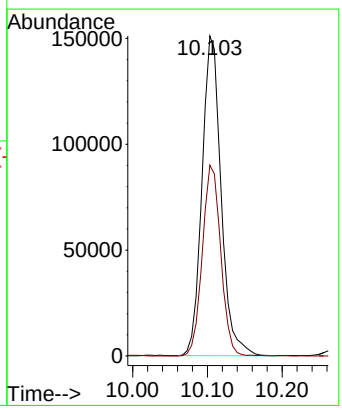


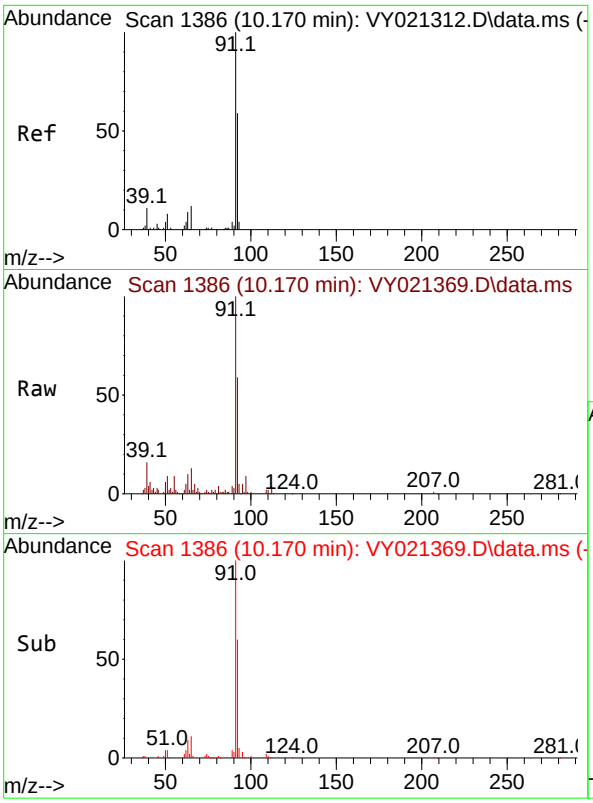


#50
Toluene-d8
Concen: 53.124 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 98 Resp: 268179

Ion	Ratio	Lower	Upper
98	100		
100	57.4	52.4	78.6



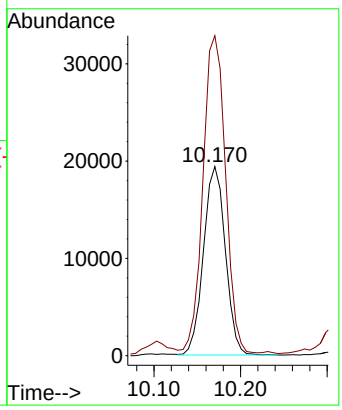


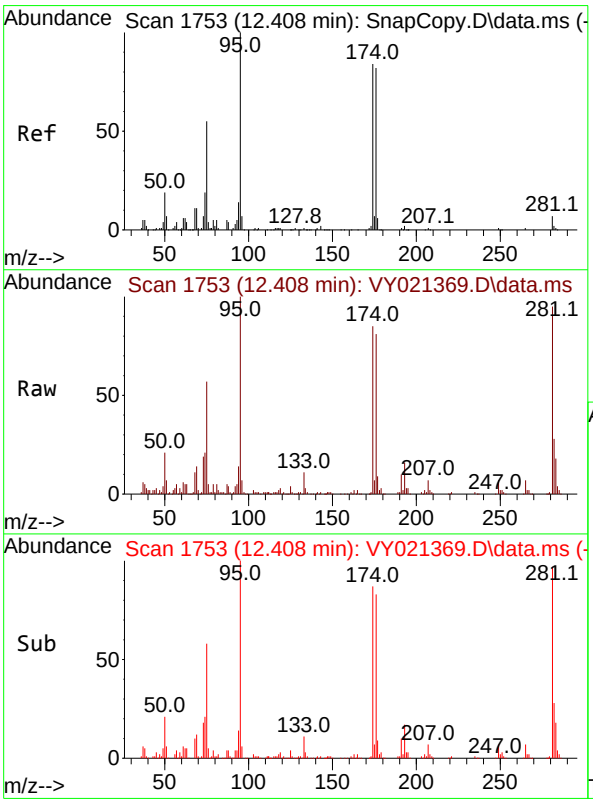
#52
Toluene
Concen: 9.446 ug/l
RT: 10.170 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Instrument :
MSVOA_Y
ClientSampleId :
P3

Tgt Ion: 92 Resp: 34037

Ion	Ratio	Lower	Upper
92	100		
91	175.4	137.8	206.8

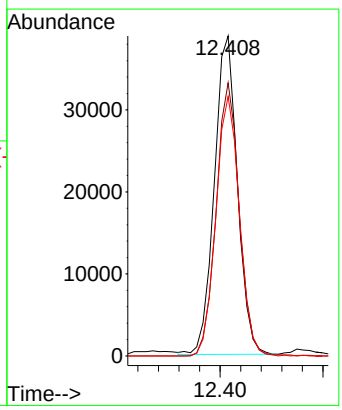


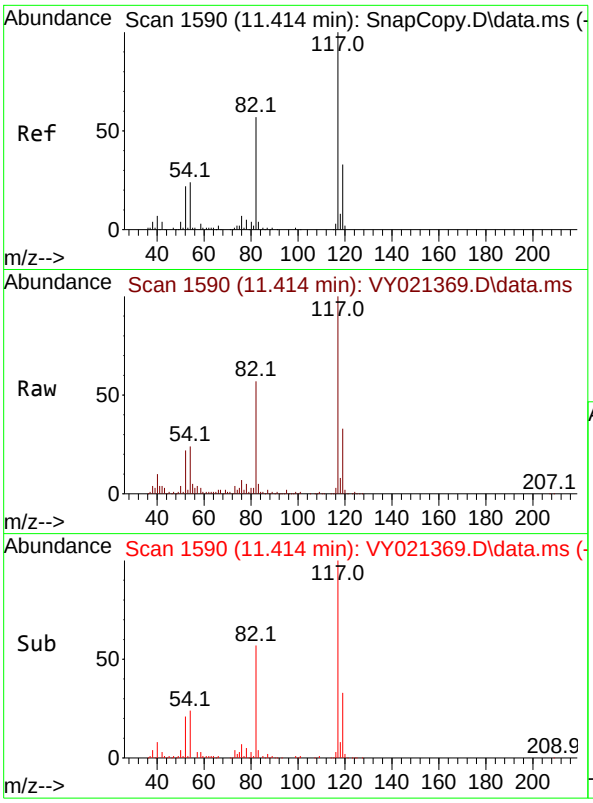


#62
4-Bromofluorobenzene
Concen: 35.529 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion: 95 Resp: 60362

Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	168.0
176	83.3	0.0	162.6



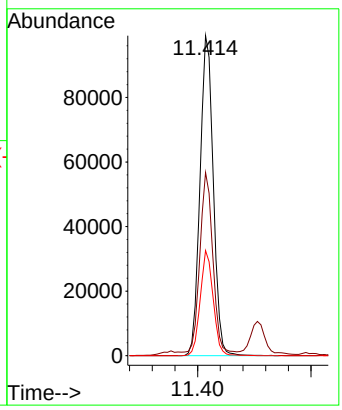


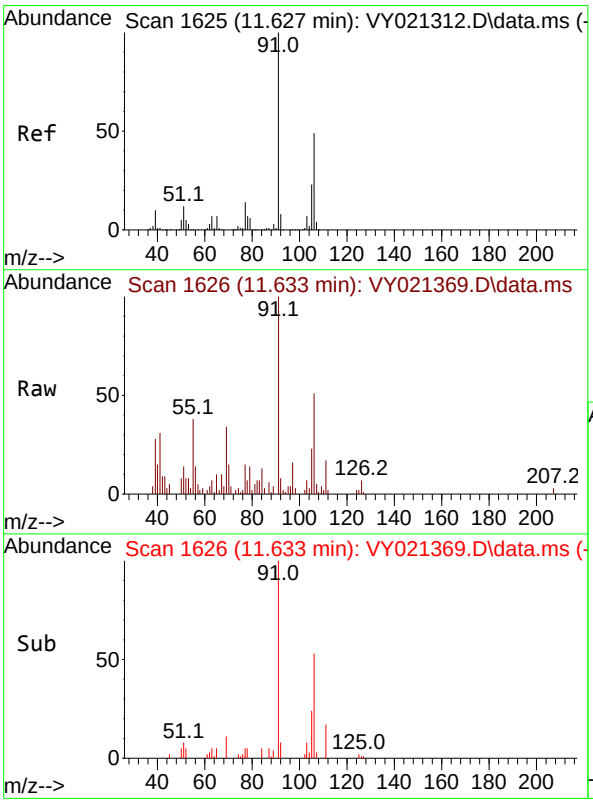
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Instrument :
MSVOA_Y
ClientSampleId :
P3

Tgt Ion:117 Resp: 161221

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.4
119	32.9	24.9	37.3

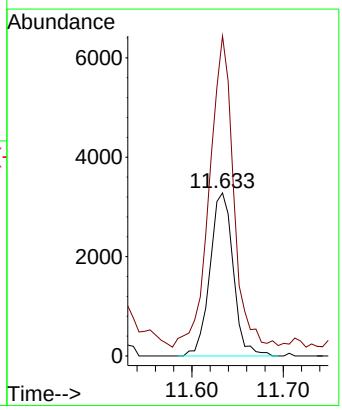


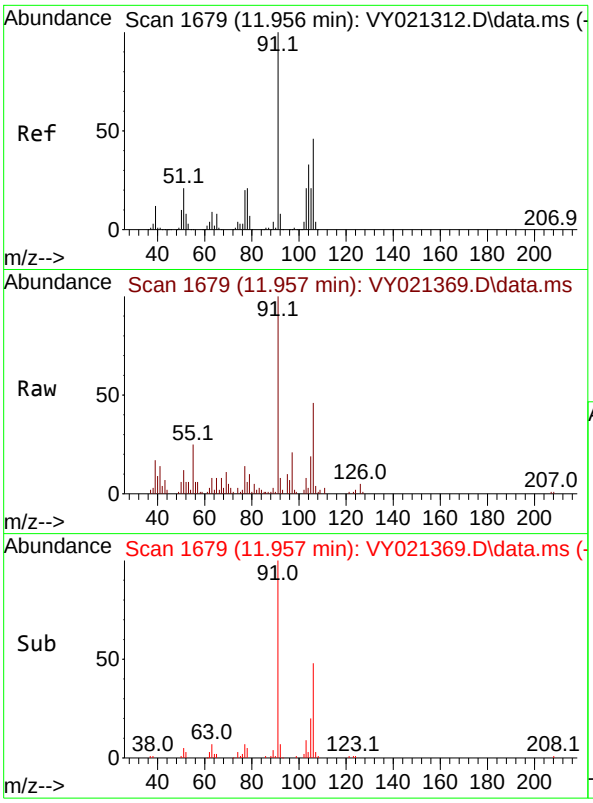


#68
m/p-Xylenes
Concen: 2.403 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.006 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion:106 Resp: 5793

Ion	Ratio	Lower	Upper
106	100		
91	198.2	163.9	245.9



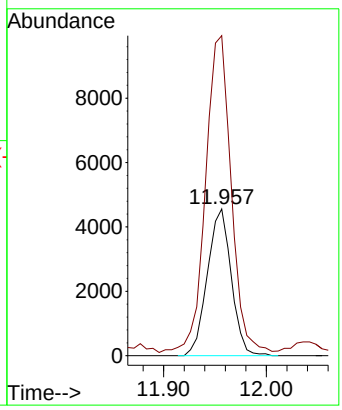


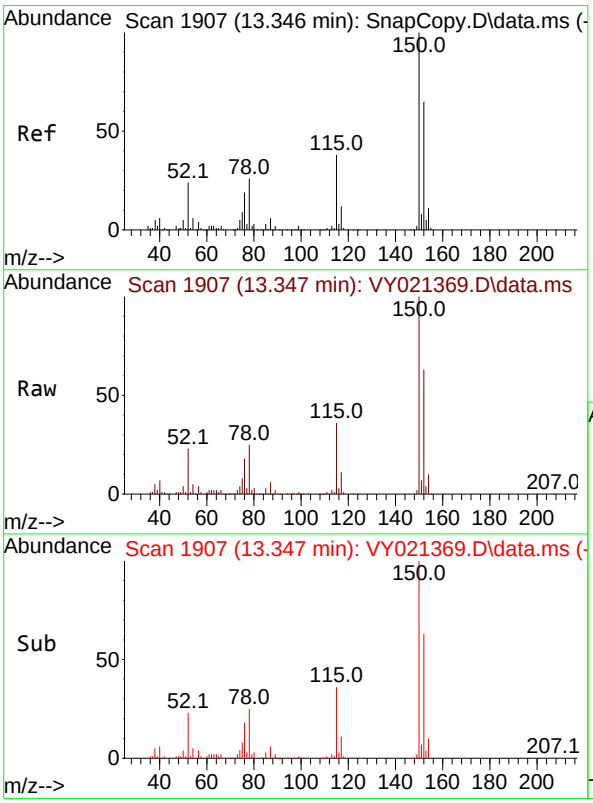
#69
o-Xylene
Concen: 3.262 ug/l
RT: 11.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Instrument :
MSVOA_Y
ClientSampleId :
P3

Tgt Ion:106 Resp: 7367

Ion	Ratio	Lower	Upper
106	100		
91	230.9	108.1	324.2

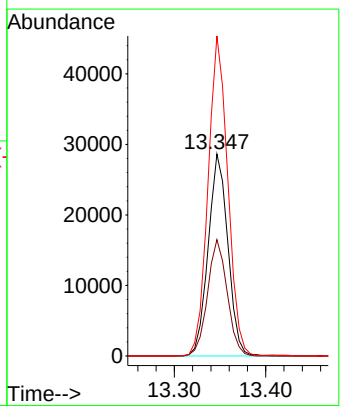




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021369.D
Acq: 27 Feb 2025 19:29

Tgt Ion:152 Resp: 42795

Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.3	88.0
150	158.4	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045133.D
Acq On : 05 Mar 2025 11:40
Operator : JC/MD
Sample : Q1448-04ME
Misc : 6.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
P3ME

Quant Time: Mar 06 01:02:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

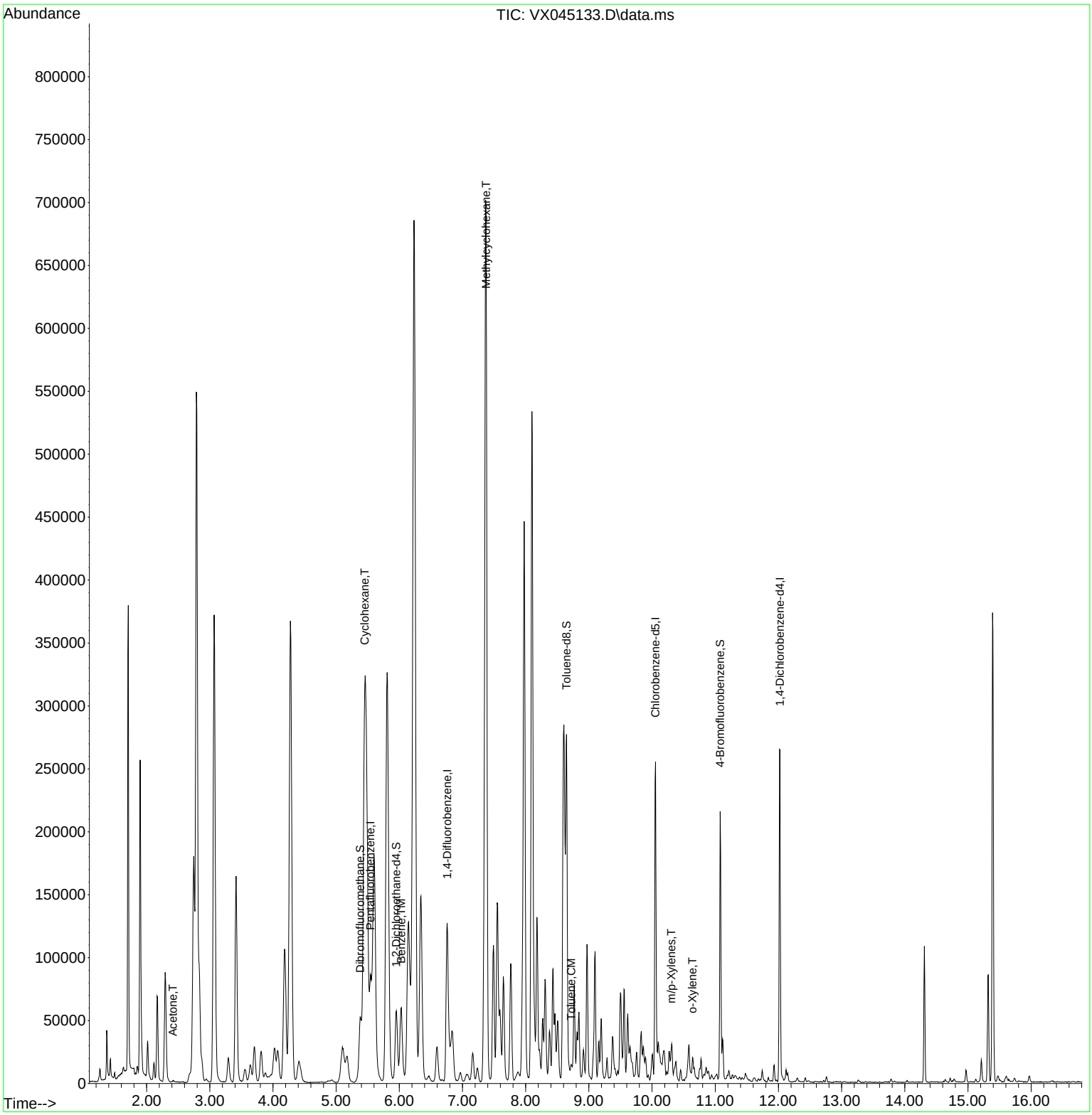
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	67331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128533	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	52674	49.182	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.360%			
35) Dibromofluoromethane	5.379	113	42058	48.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.860%			
50) Toluene-d8	8.647	98	157997	50.707	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.420%			
62) 4-Bromofluorobenzene	11.079	95	56403	54.627	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.260%			
Target Compounds						Qvalue
16) Acetone	2.416	43	1522	3.063	ug/l	96
31) Cyclohexane	5.452	56	229490	157.496	ug/l	96
39) Methylcyclohexane	7.373	83	305736	216.477	ug/l	98
40) Benzene	6.031	78	70701	18.996	ug/l	98
52) Toluene	8.720	92	3128	1.432	ug/l	90
68) m/p-Xylenes	10.305	106	2532	1.624	ug/l	83
69) o-Xylene	10.640	106	3642	2.317	ug/l	90

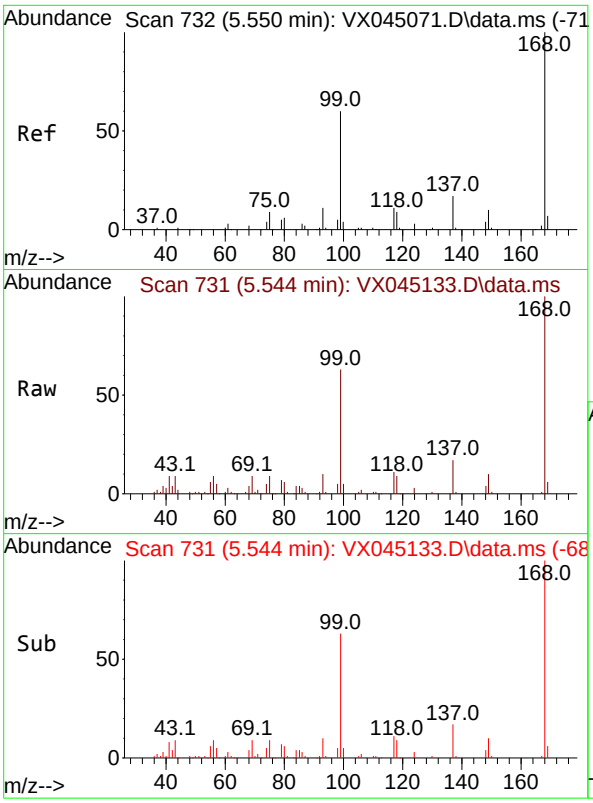
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045133.D
Acq On : 05 Mar 2025 11:40
Operator : JC/MD
Sample : Q1448-04ME
Misc : 6.08g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
P3ME

Quant Time: Mar 06 01:02:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



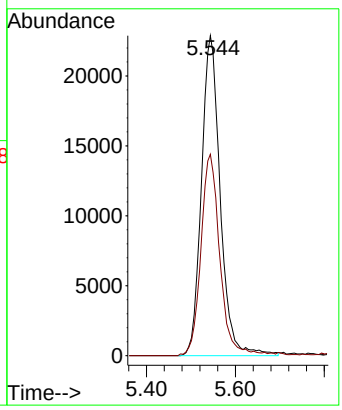


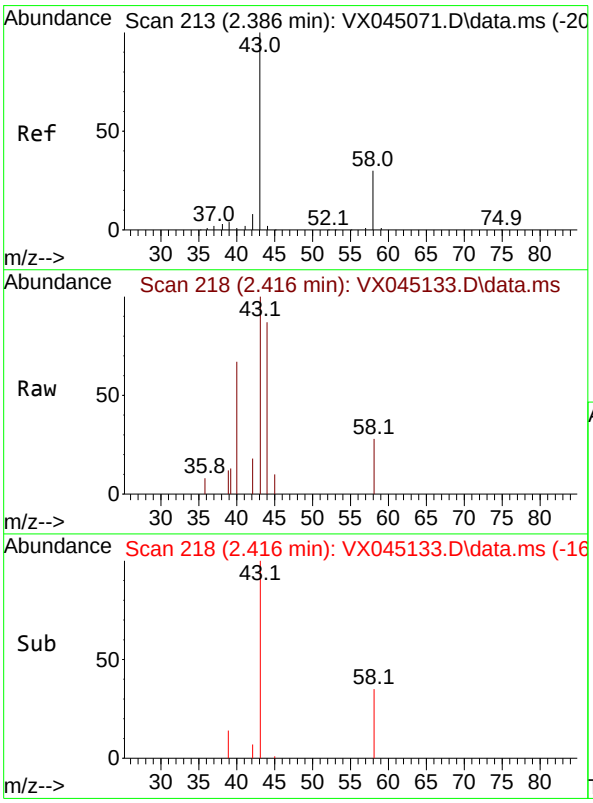
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
P3ME

Tgt Ion:168 Resp: 67331

Ion	Ratio	Lower	Upper
168	100		
99	63.0	48.2	72.4

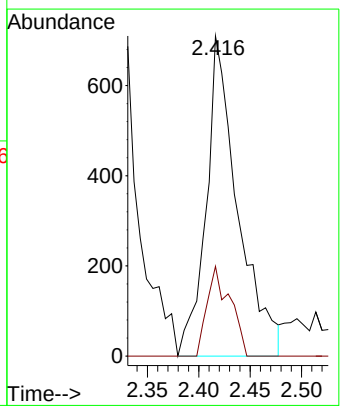




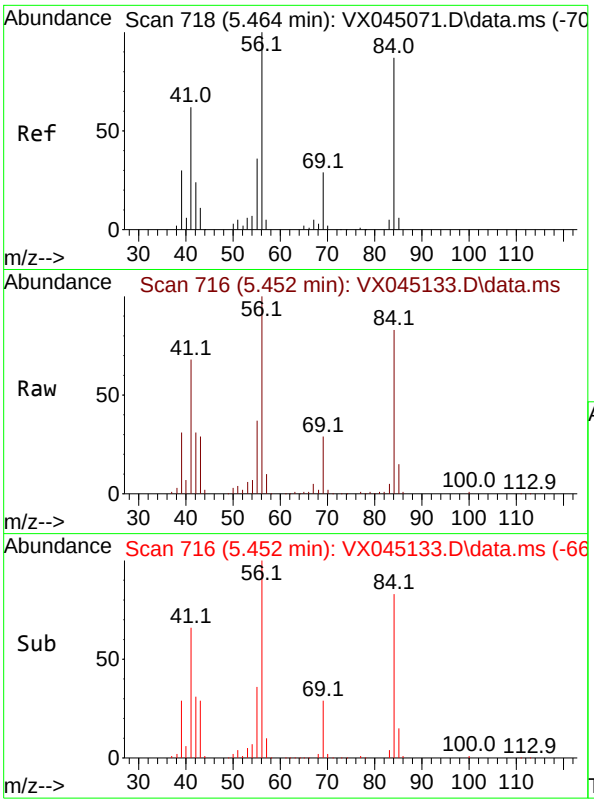
#16
Acetone
Concen: 3.063 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.030 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion: 43 Resp: 1522

Ion	Ratio	Lower	Upper
43	100		
58	28.0	24.2	36.4



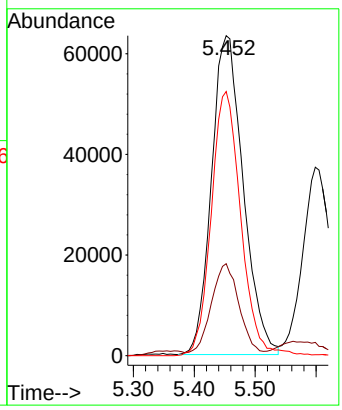
Instrument :
MSVOA_X
ClientSampleId :
P3ME

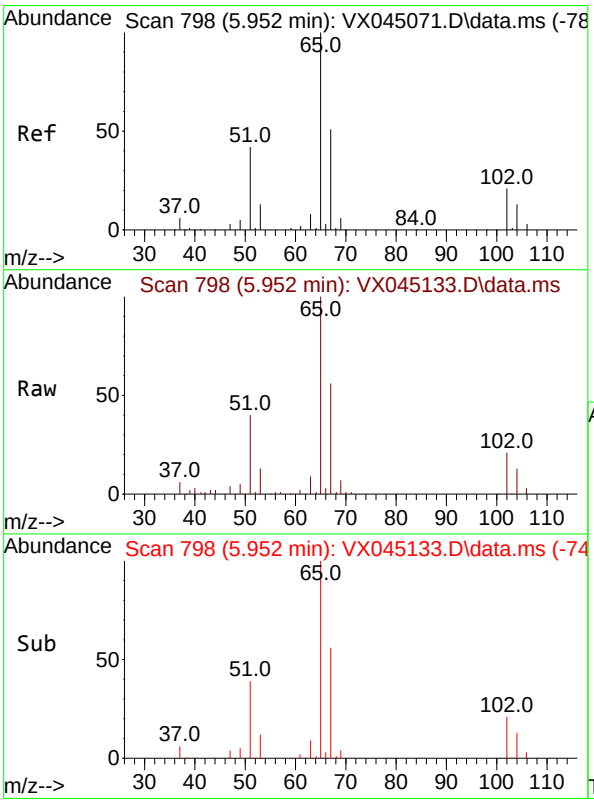


#31
Cyclohexane
Concen: 157.496 ug/l
RT: 5.452 min Scan# 7
Delta R.T. -0.012 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion: 56 Resp: 229490

Ion	Ratio	Lower	Upper
56	100		
69	27.4	23.4	35.2
84	82.7	69.4	104.2

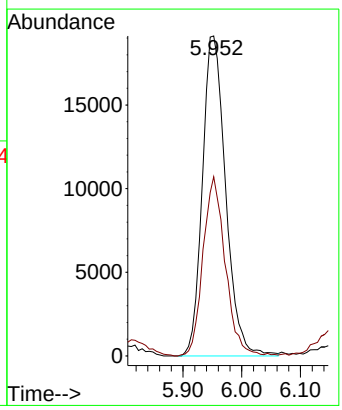


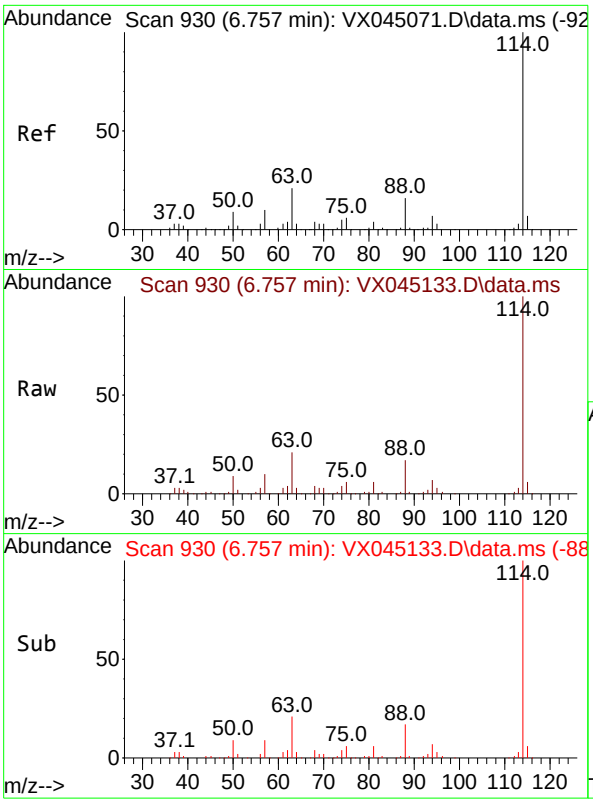


#33
1,2-Dichloroethane-d4
Concen: 49.182 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion: 65 Resp: 52674

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	106.2



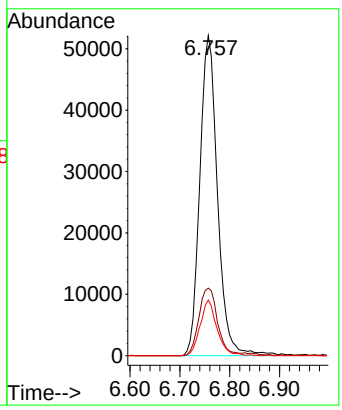


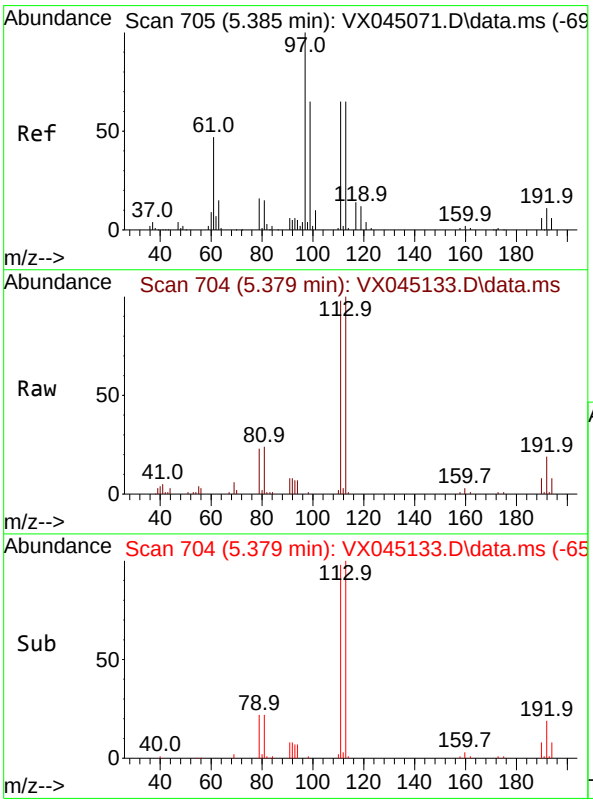
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
P3ME

Tgt Ion:114 Resp: 128533

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.8
88	17.4	0.0	32.8

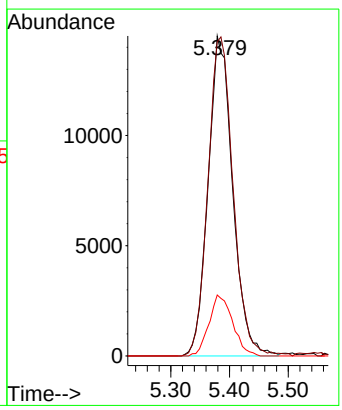




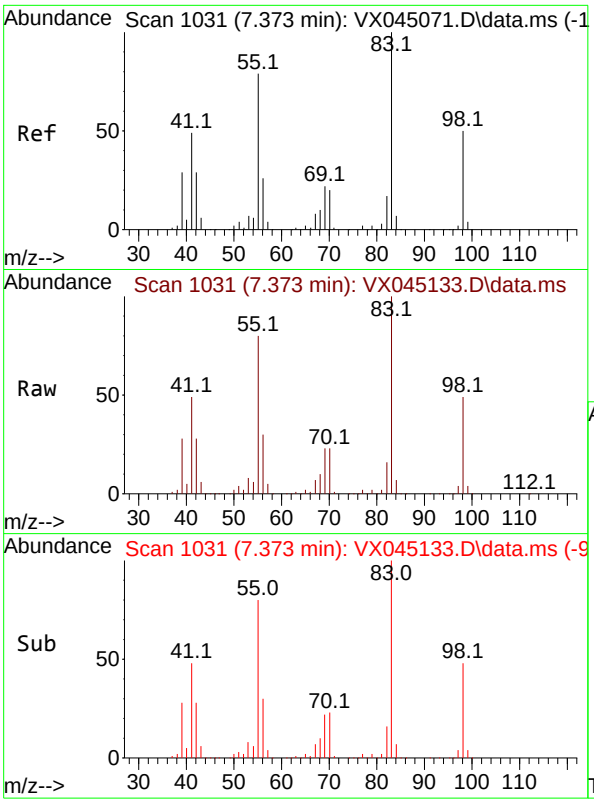
#35
Dibromofluoromethane
Concen: 48.935 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion:113 Resp: 42058

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.6
192	18.4	14.3	21.5



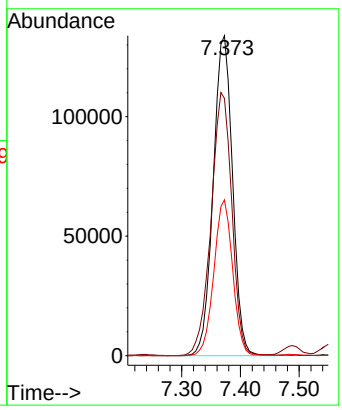
Instrument :
MSVOA_X
ClientSampleId :
P3ME

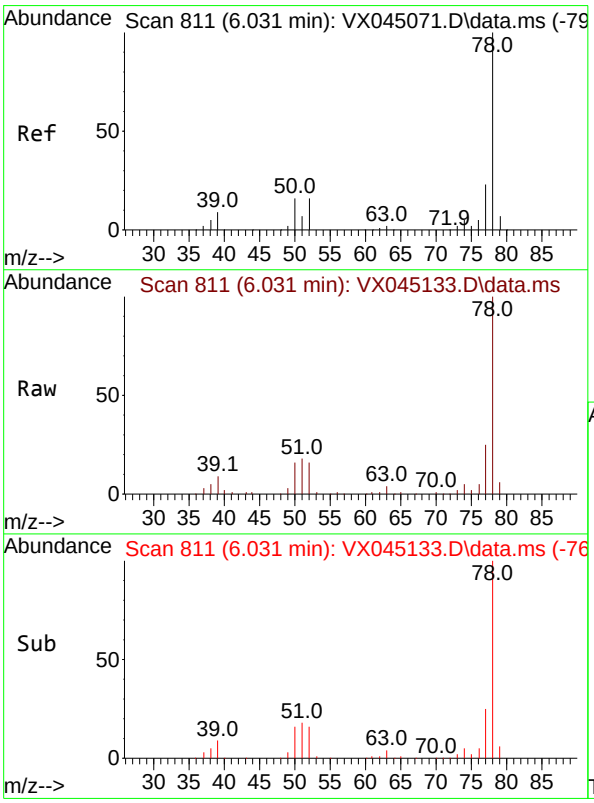


#39
Methylcyclohexane
Concen: 216.477 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion: 83 Resp: 305736

Ion	Ratio	Lower	Upper
83	100		
55	80.3	63.0	94.4
98	48.7	39.7	59.5

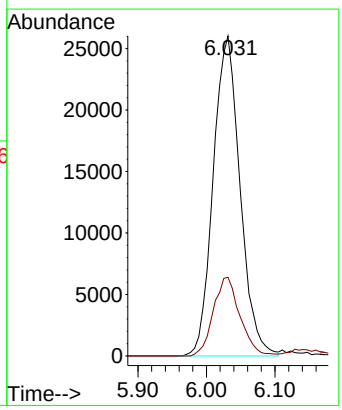




#40
Benzene
Concen: 18.996 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

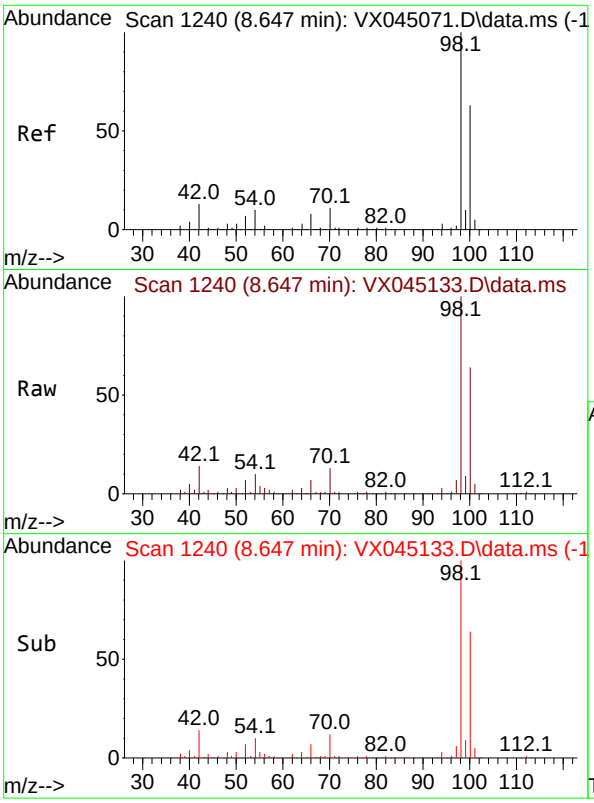
Tgt Ion: 78 Resp: 70701

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.8	28.2



5

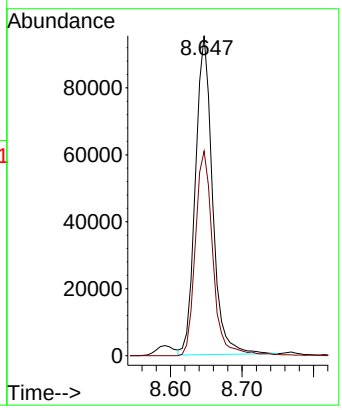
Instrument :
MSVOA_X
ClientSampleId :
P3ME

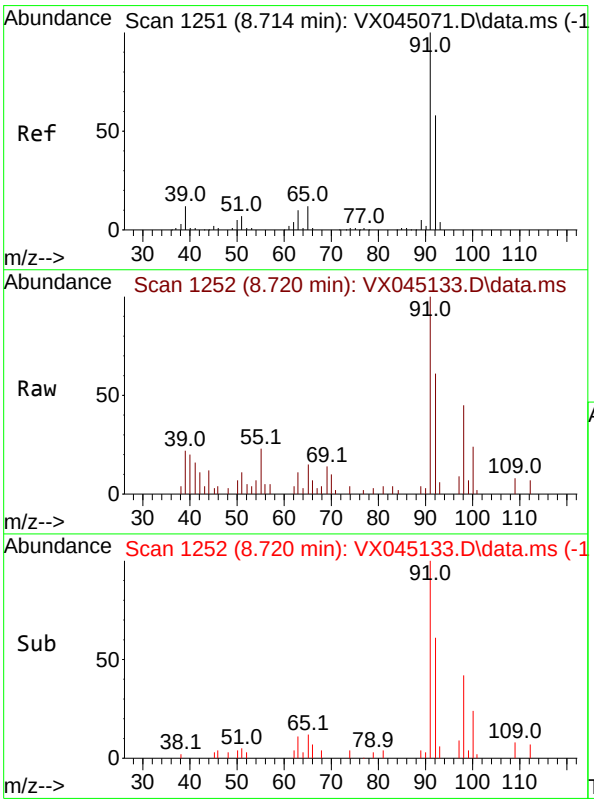


#50
Toluene-d8
Concen: 50.707 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion: 98 Resp: 157997

Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.0	78.0

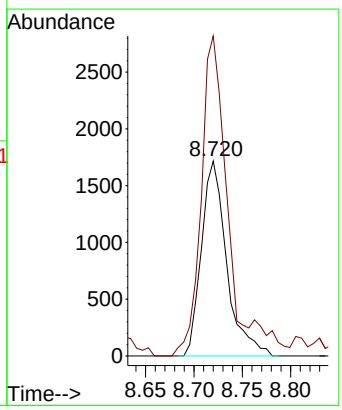


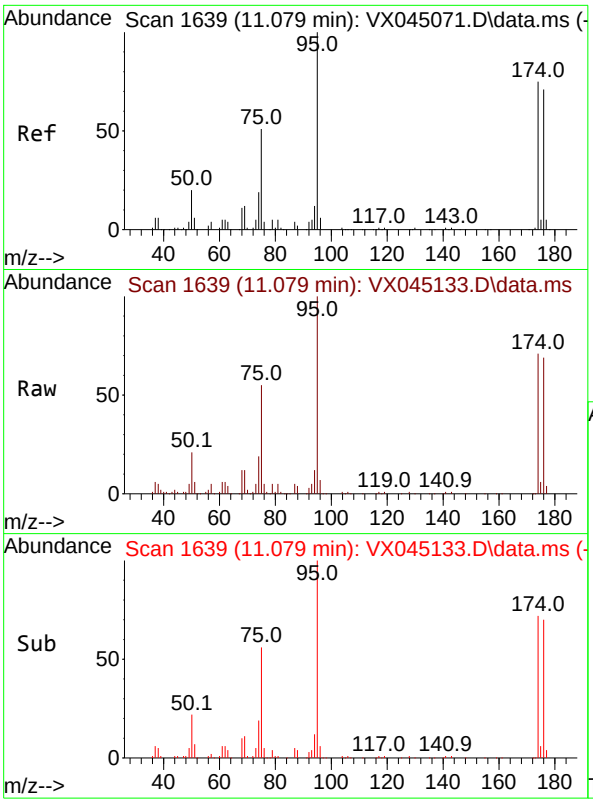


#52
Toluene
Concen: 1.432 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion: 92 Resp: 3128

Ion	Ratio	Lower	Upper
92	100		
91	160.1	138.9	208.3



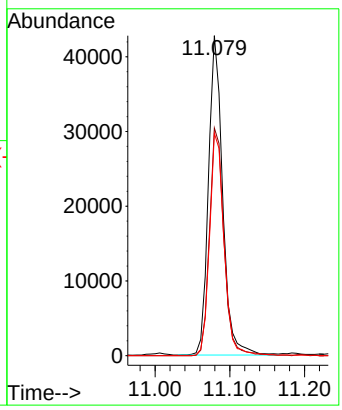


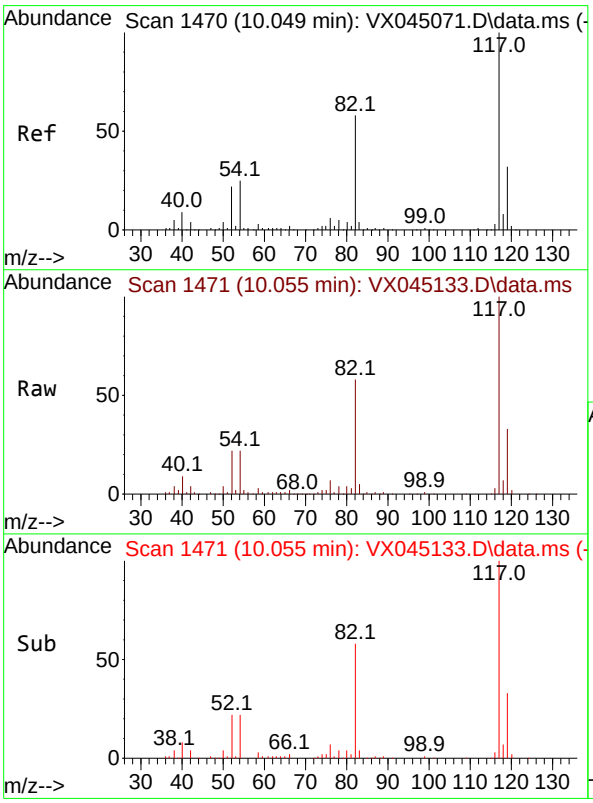
#62
4-Bromofluorobenzene
Concen: 54.627 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
P3ME

Tgt Ion: 95 Resp: 56403

Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	148.2
176	71.1	0.0	141.4

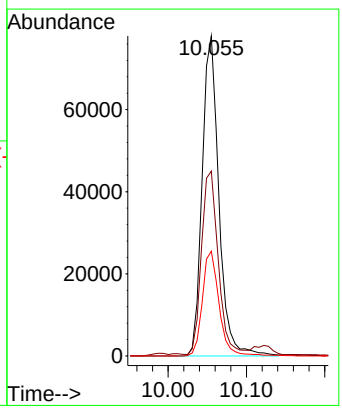




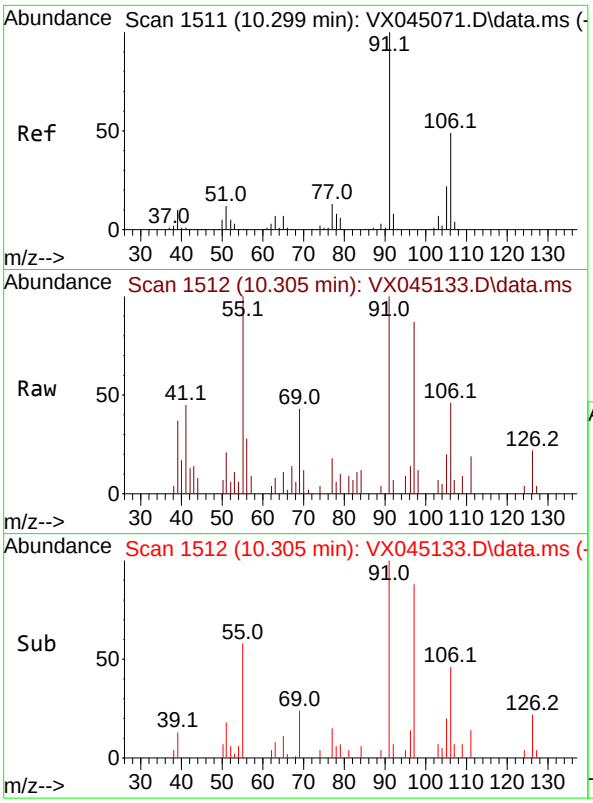
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion:117 Resp: 115484

Ion	Ratio	Lower	Upper
117	100		
82	57.0	46.3	69.5
119	32.8	25.7	38.5



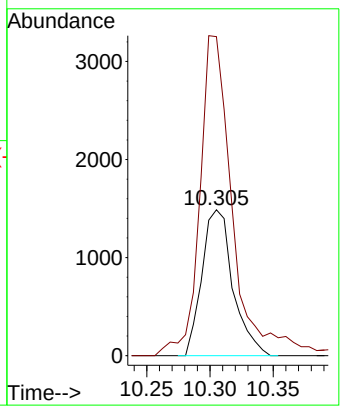
Instrument :
MSVOA_X
ClientSampleId :
P3ME

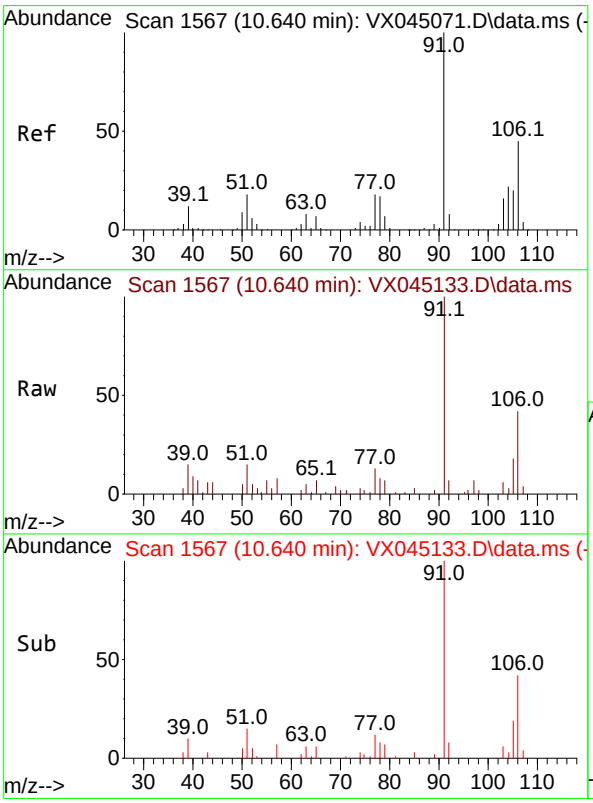


#68
m/p-Xylenes
Concen: 1.624 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion:106 Resp: 2532

Ion	Ratio	Lower	Upper
106	100		
91	233.1	165.4	248.0

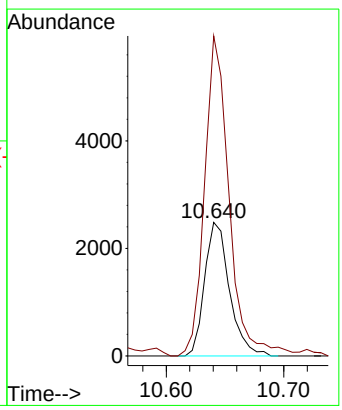


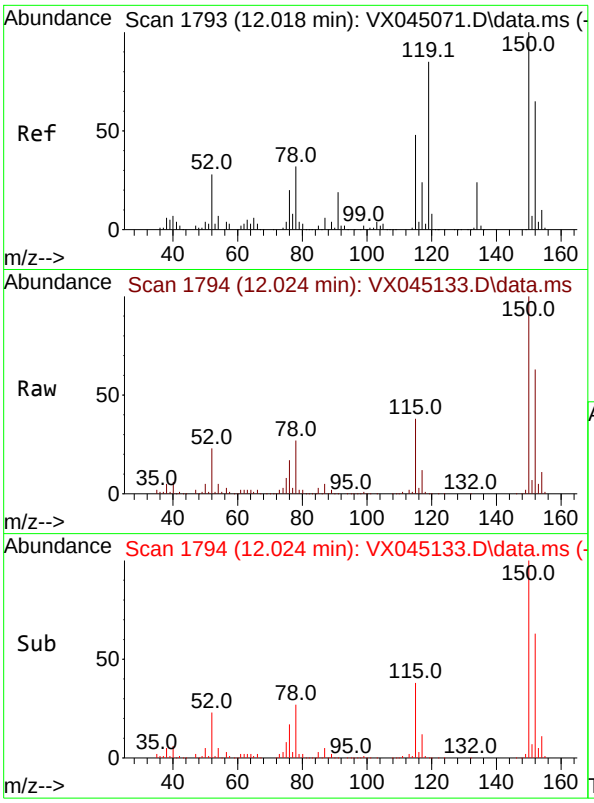


#69
o-Xylene
Concen: 2.317 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Tgt Ion:106 Resp: 3642

Ion	Ratio	Lower	Upper
106	100		
91	236.2	109.9	329.6



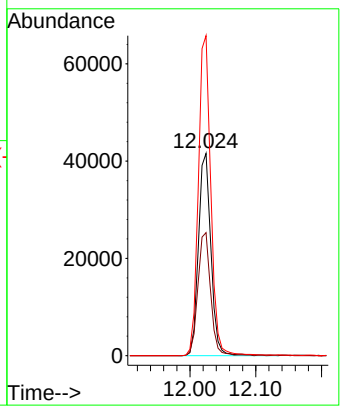


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX045133.D
Acq: 05 Mar 2025 11:40

Instrument :
MSVOA_X
ClientSampleId :
P3ME

Tgt Ion:152 Resp: 55033

Ion	Ratio	Lower	Upper
152	100		
115	62.0	44.2	132.6
150	157.4	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021370.D
Acq On : 27 Feb 2025 19:52
Operator : SY/MD
Sample : Q1448-05
Misc : 6.14g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P4

Quant Time: Feb 28 00:44:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	106086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	190393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	166895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	65580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	66936	55.620	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.240%			
35) Dibromofluoromethane	7.634	113	65551	52.515	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.040%			
50) Toluene-d8	10.109	98	225688	46.784	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.560%			
62) 4-Bromofluorobenzene	12.408	95	66962	41.245	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 82.500%			

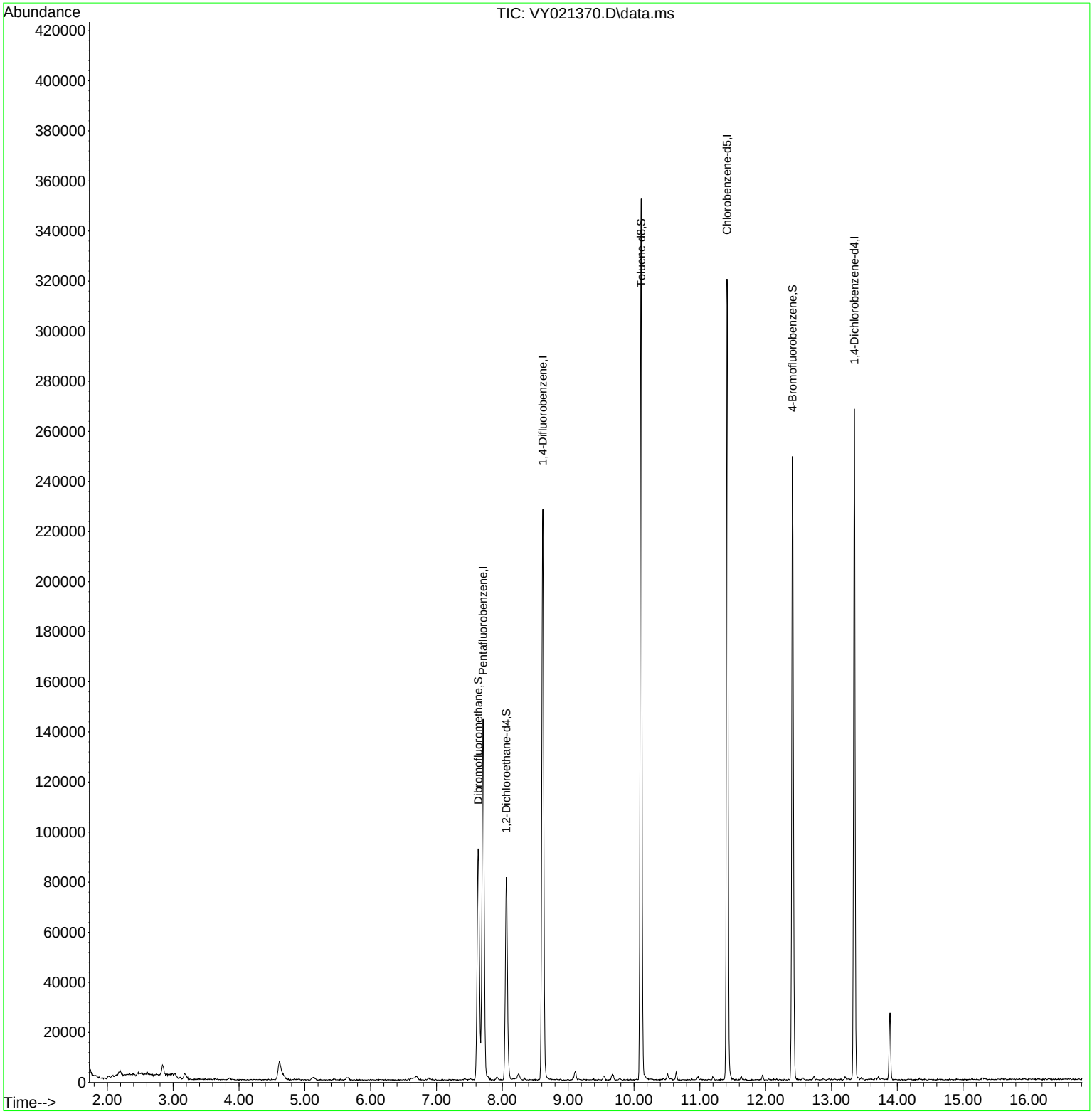
Target Compounds Qvalue

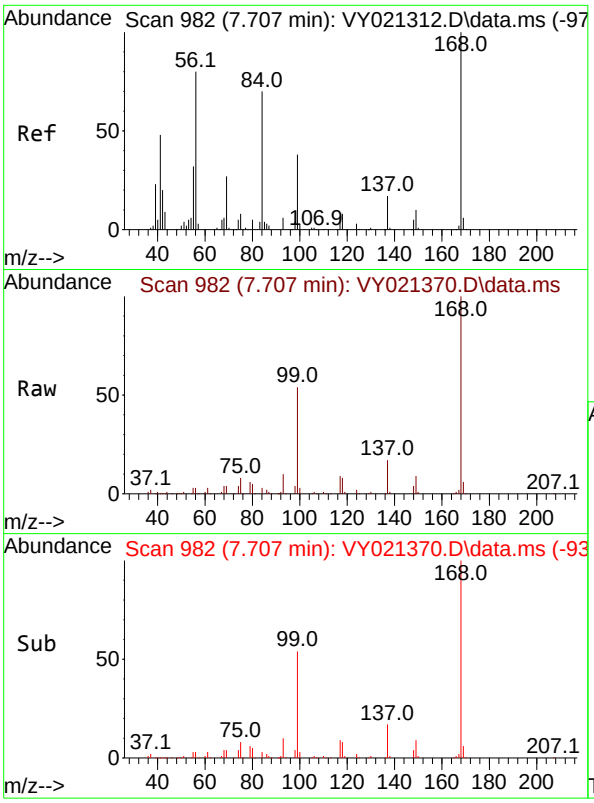
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021370.D
Acq On : 27 Feb 2025 19:52
Operator : SY/MD
Sample : Q1448-05
Misc : 6.14g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P4

Quant Time: Feb 28 00:44:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



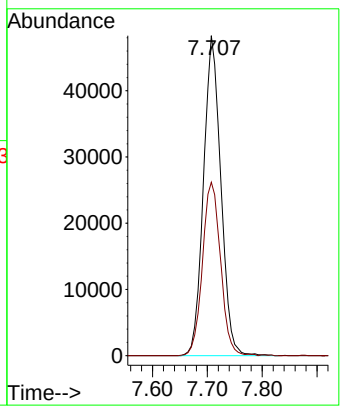


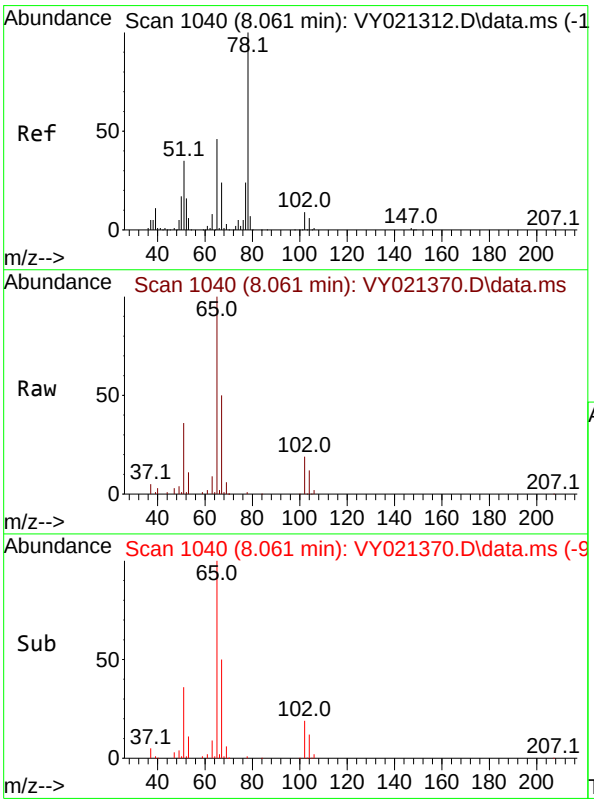
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Instrument :
MSVOA_Y
ClientSampleId :
P4

Tgt Ion:168 Resp: 106086

Ion	Ratio	Lower	Upper
168	100		
99	54.2	47.1	70.7

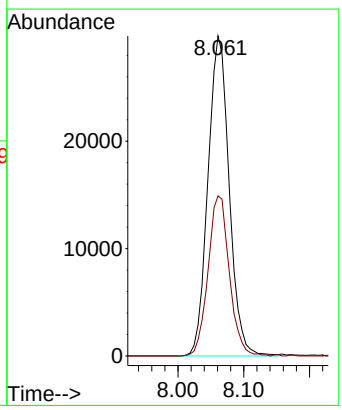


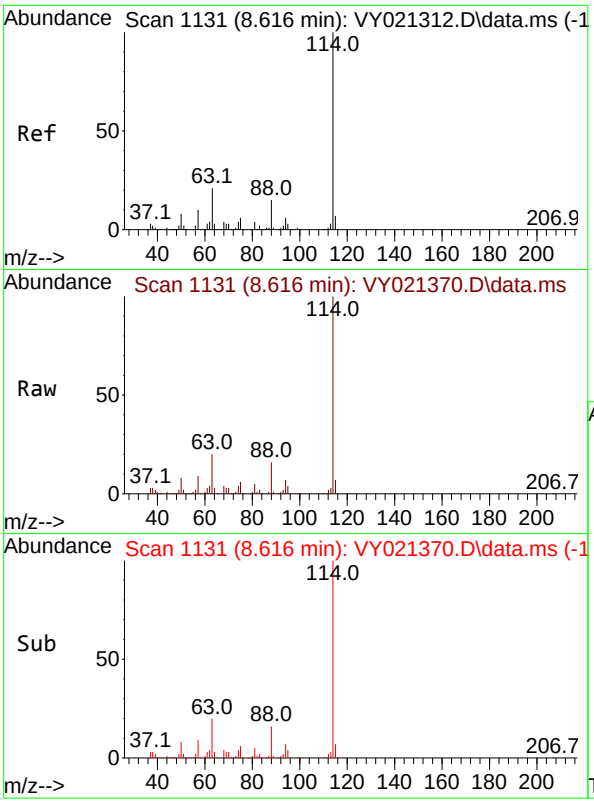


#33
1,2-Dichloroethane-d4
Concen: 55.620 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Tgt Ion: 65 Resp: 66936

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	103.6



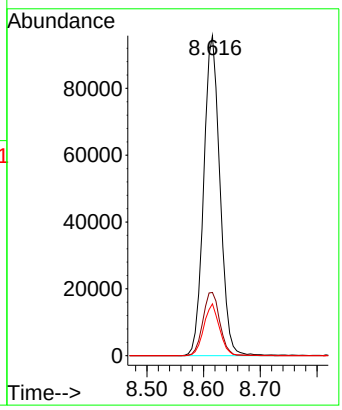


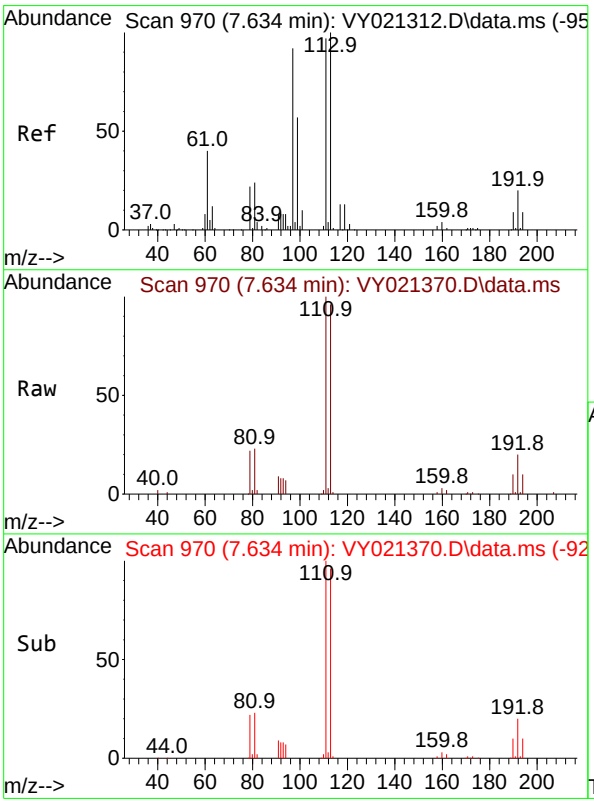
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Instrument :
MSVOA_Y
ClientSampleId :
P4

Tgt Ion:114 Resp: 190393

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	42.2
88	16.2	0.0	29.8

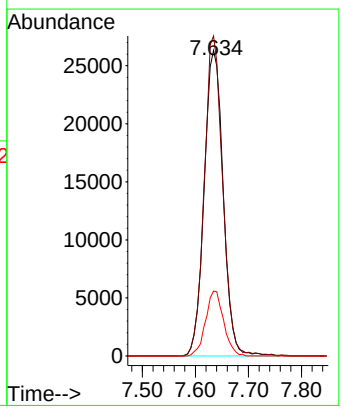


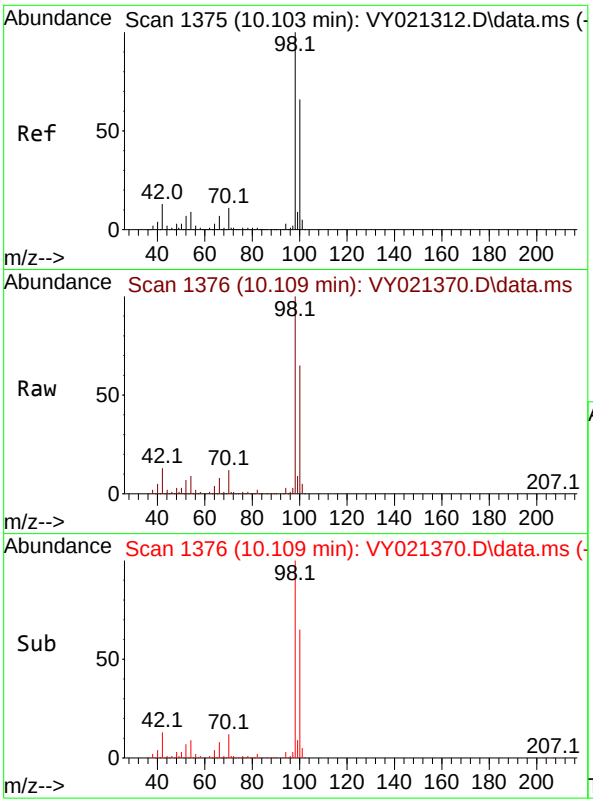


#35
Dibromofluoromethane
Concen: 52.515 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Tgt Ion:113 Resp: 65551

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.0	121.6
192	20.2	15.8	23.8



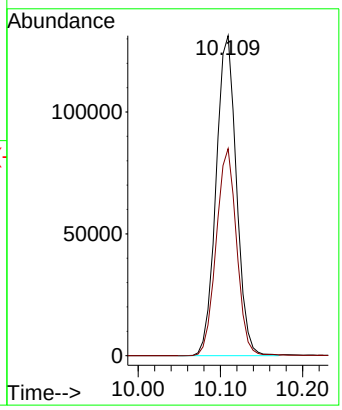


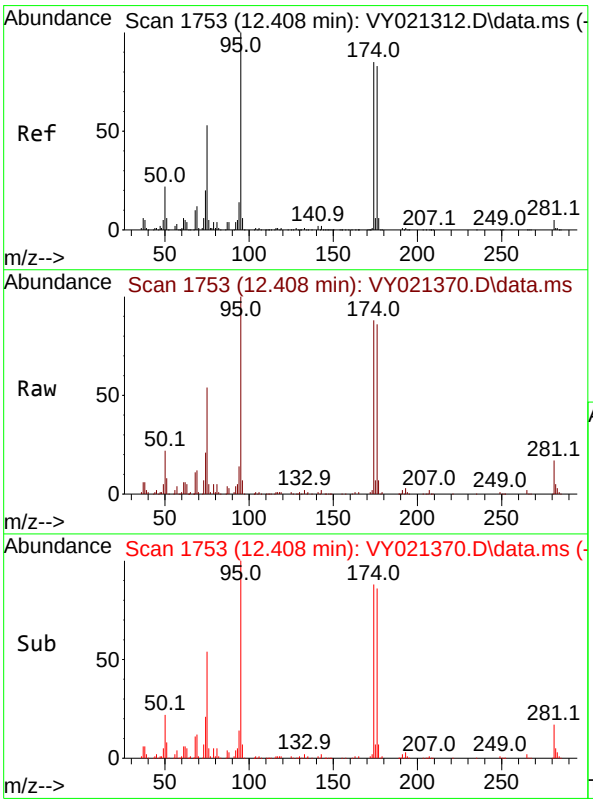
#50
Toluene-d8
Concen: 46.784 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Instrument :
MSVOA_Y
ClientSampleId :
P4

Tgt Ion: 98 Resp: 225688

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6

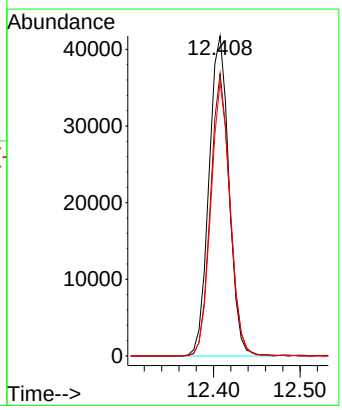




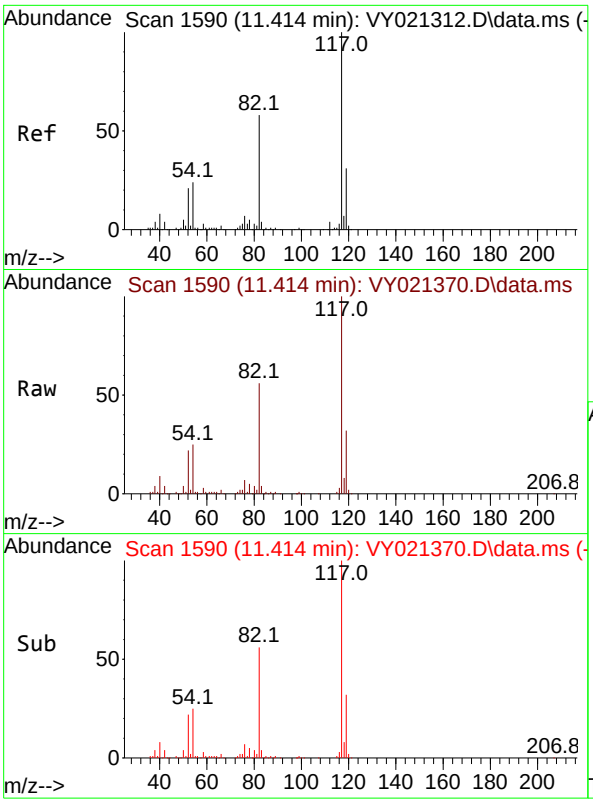
#62
4-Bromofluorobenzene
Concen: 41.245 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Tgt Ion: 95 Resp: 66962

Ion	Ratio	Lower	Upper
95	100		
174	85.4	0.0	168.0
176	83.1	0.0	162.6



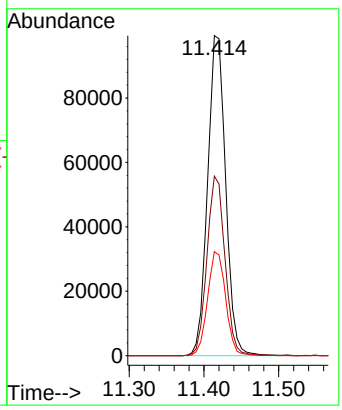
Instrument :
MSVOA_Y
ClientSampleId :
P4

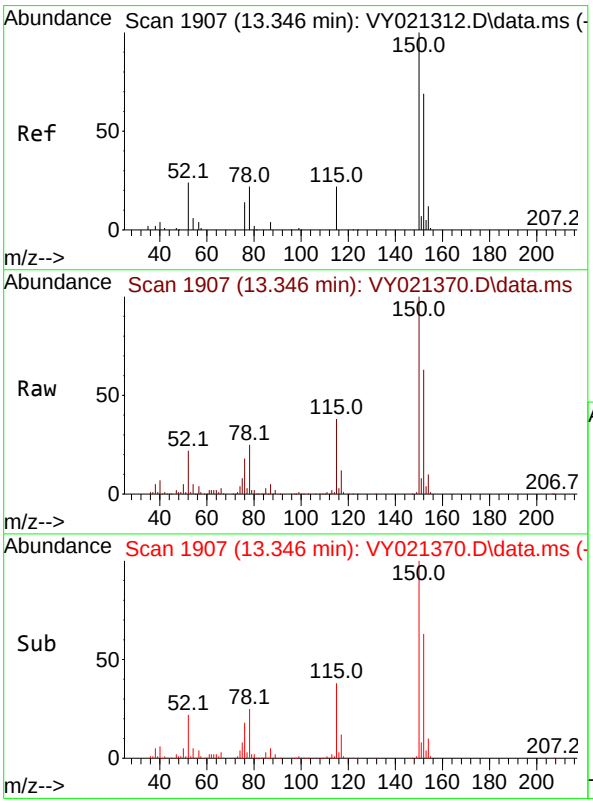


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Tgt Ion:117 Resp: 166895

Ion	Ratio	Lower	Upper
117	100		
82	56.1	46.2	69.4
119	32.5	24.9	37.3

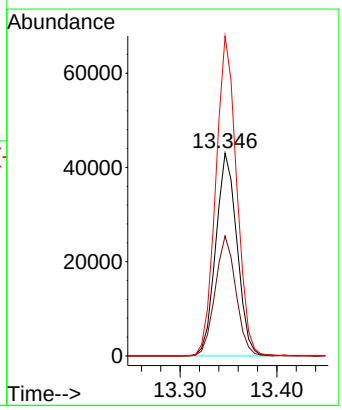




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY021370.D
Acq: 27 Feb 2025 19:52

Tgt Ion:152 Resp: 65580

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.3	88.0
150	155.0	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021385.D
Acq On : 28 Feb 2025 17:05
Operator : SY/MD
Sample : Q1448-05RE
Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P4RE

Quant Time: Feb 28 22:22:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

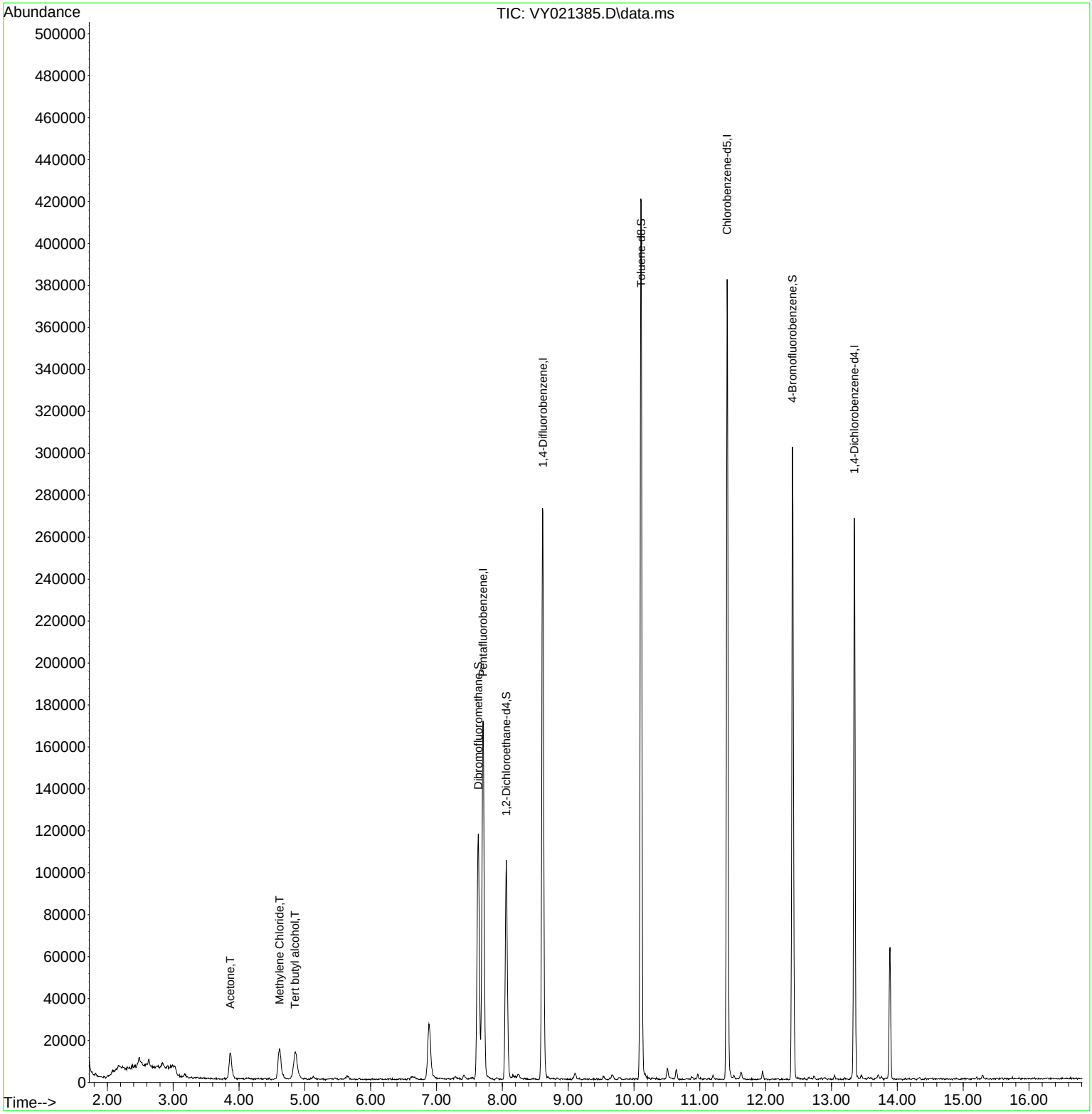
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	127050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	227538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	195919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	63405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	84138	58.378	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.760%			
35) Dibromofluoromethane	7.634	113	81861	54.876	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.760%			
50) Toluene-d8	10.109	98	276052	47.882	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.760%			
62) 4-Bromofluorobenzene	12.407	95	74956	38.632	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 77.260%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.848	59	23386	210.951	ug/l	99
16) Acetone	3.866	43	22189	80.258	ug/l	98
20) Methylene Chloride	4.616	84	10242	6.851	ug/l	90

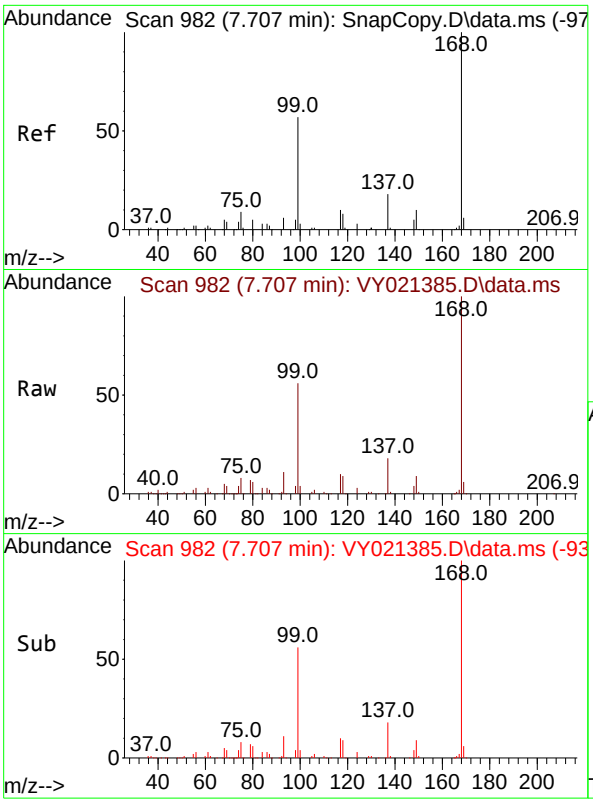
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021385.D
Acq On : 28 Feb 2025 17:05
Operator : SY/MD
Sample : Q1448-05RE
Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P4RE

Quant Time: Feb 28 22:22:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



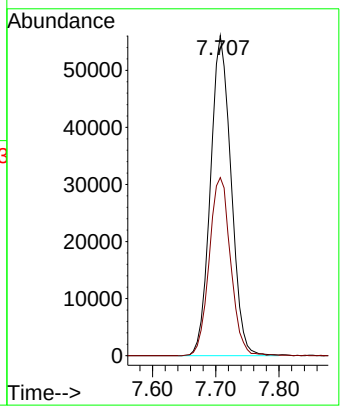


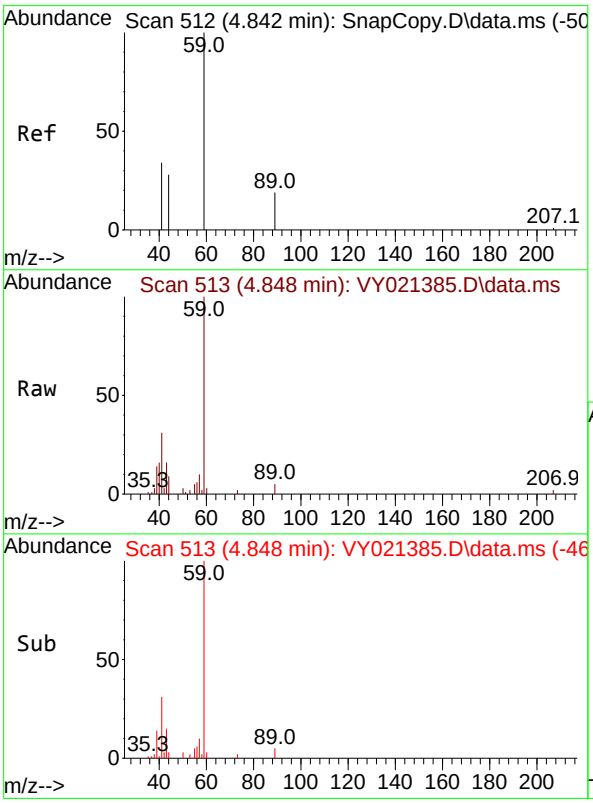
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
P4RE

Tgt Ion:168 Resp: 127050

Ion	Ratio	Lower	Upper
168	100		
99	55.7	47.1	70.7

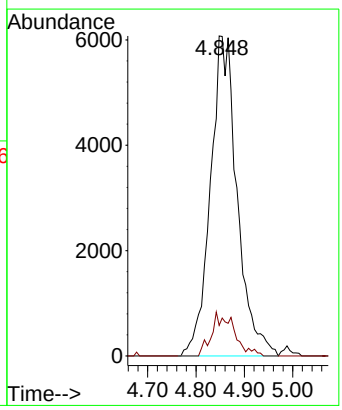


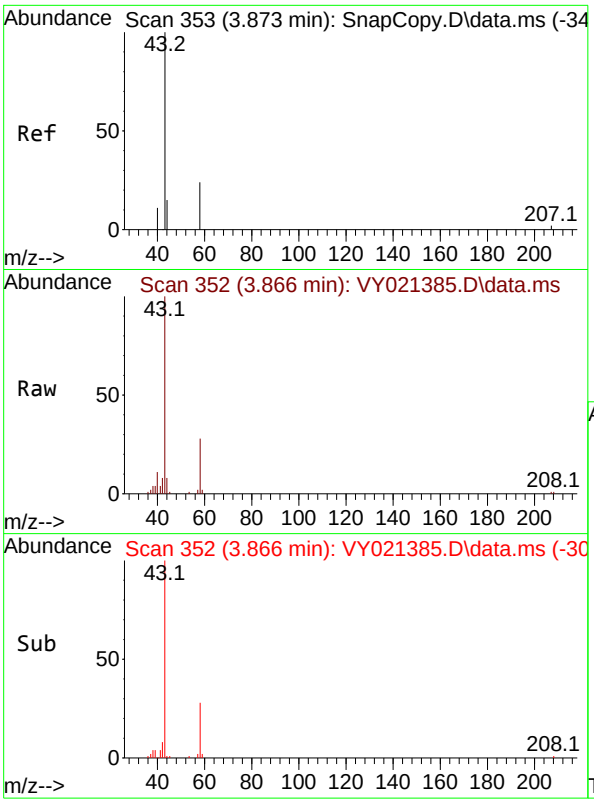


#11
Tert butyl alcohol
Concen: 210.951 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Tgt Ion: 59 Resp: 23386

Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.3	12.5



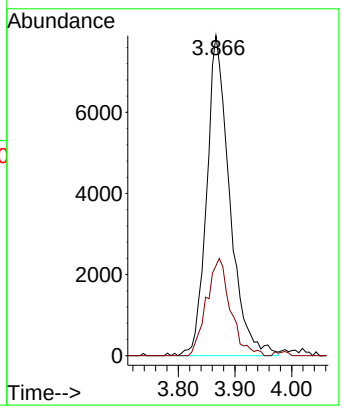


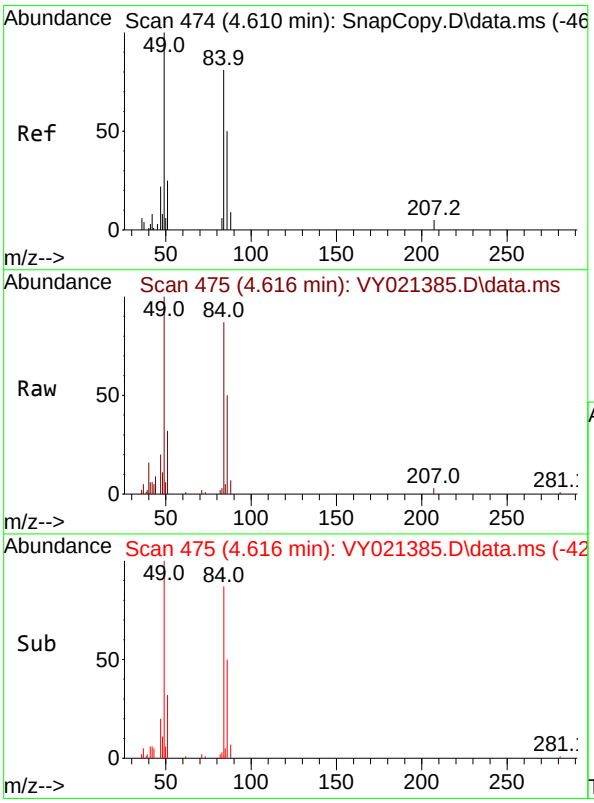
#16
Acetone
Concen: 80.258 ug/l
RT: 3.866 min Scan# 3
Delta R.T. -0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
P4RE

Tgt Ion: 43 Resp: 22189

Ion	Ratio	Lower	Upper
43	100		
58	28.1	23.5	35.3

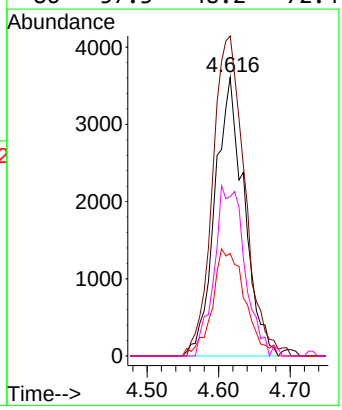


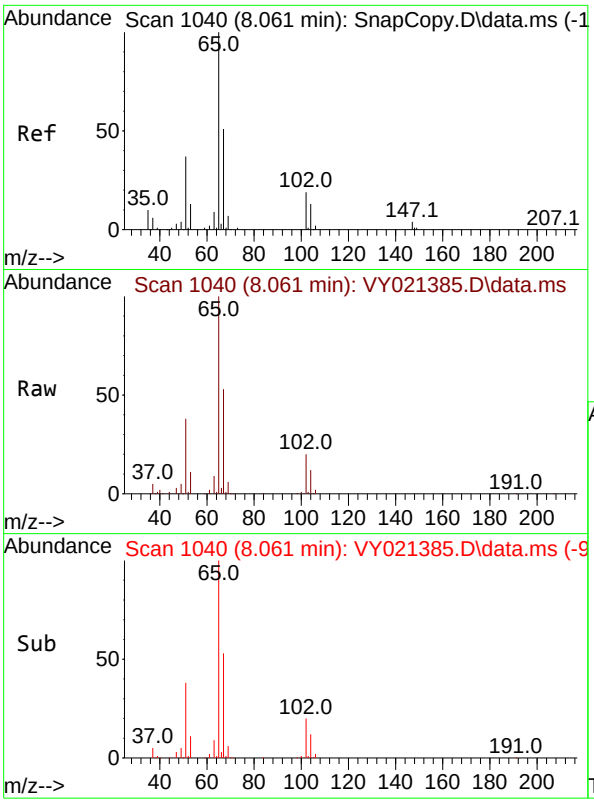


#20
Methylene Chloride
Concen: 6.851 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Tgt Ion: 84 Resp: 10242

Ion	Ratio	Lower	Upper
84	100		
49	114.8	105.1	157.7
51	36.7	31.0	46.4
86	57.3	48.2	72.4



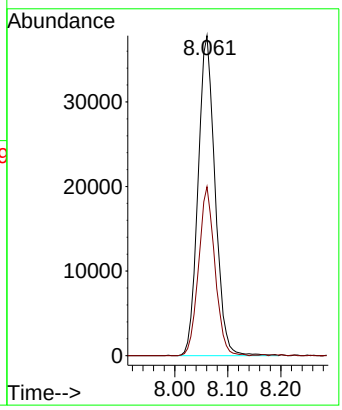


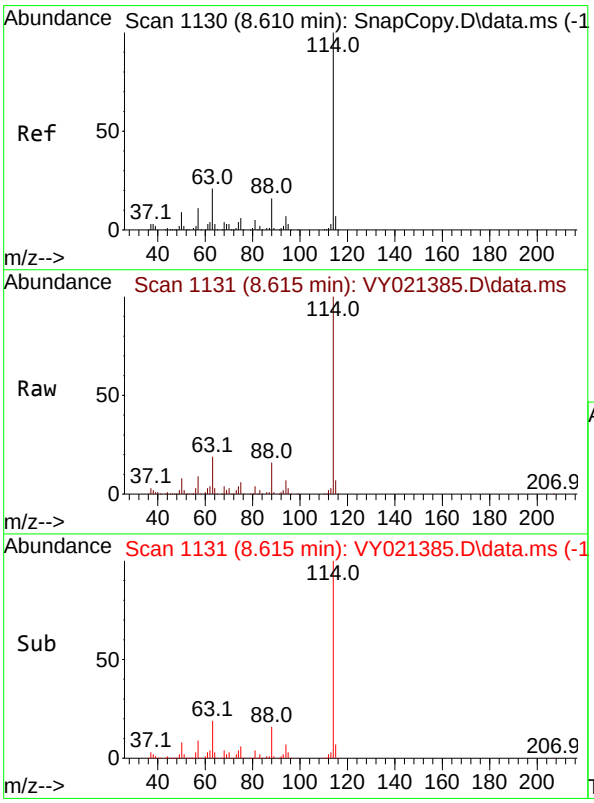
#33
1,2-Dichloroethane-d4
Concen: 58.378 ug/l
RT: 8.061 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
P4RE

Tgt Ion: 65 Resp: 84138

Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	103.6

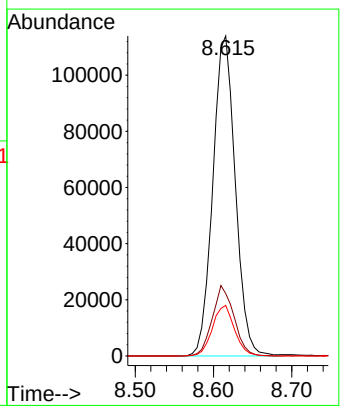


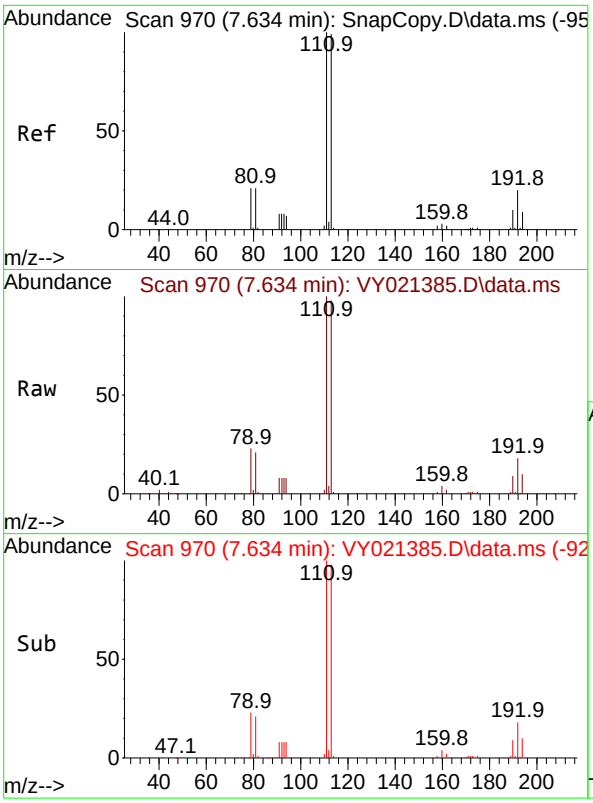


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Tgt Ion:114 Resp: 227538

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.2
88	15.8	0.0	29.8



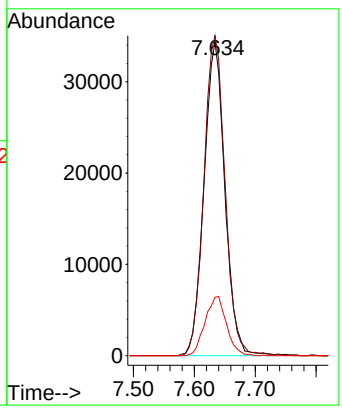


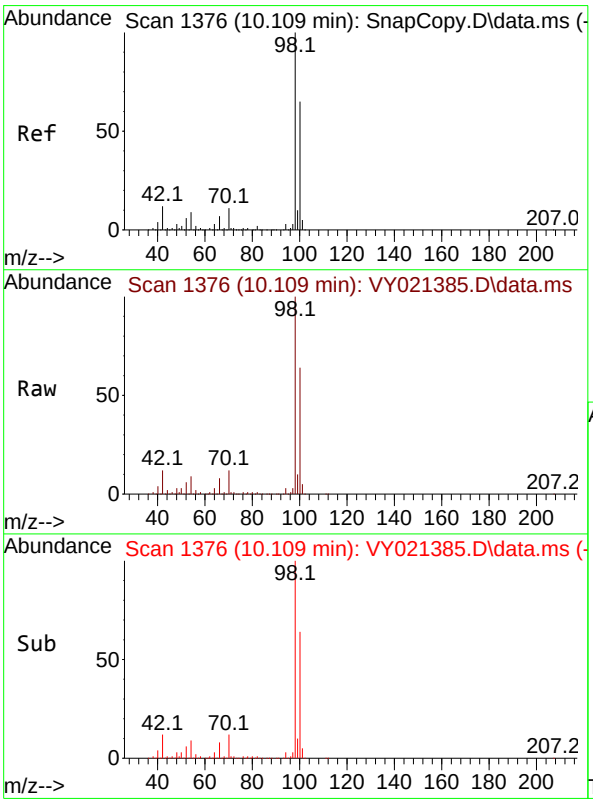
#35
Dibromofluoromethane
Concen: 54.876 ug/l
RT: 7.634 min Scan# 9
Delta R.T. -0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
P4RE

Tgt Ion:113 Resp: 81861

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.6
192	19.3	15.8	23.8

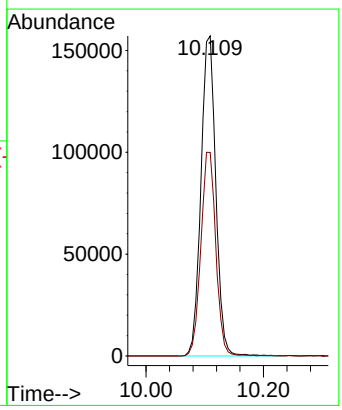


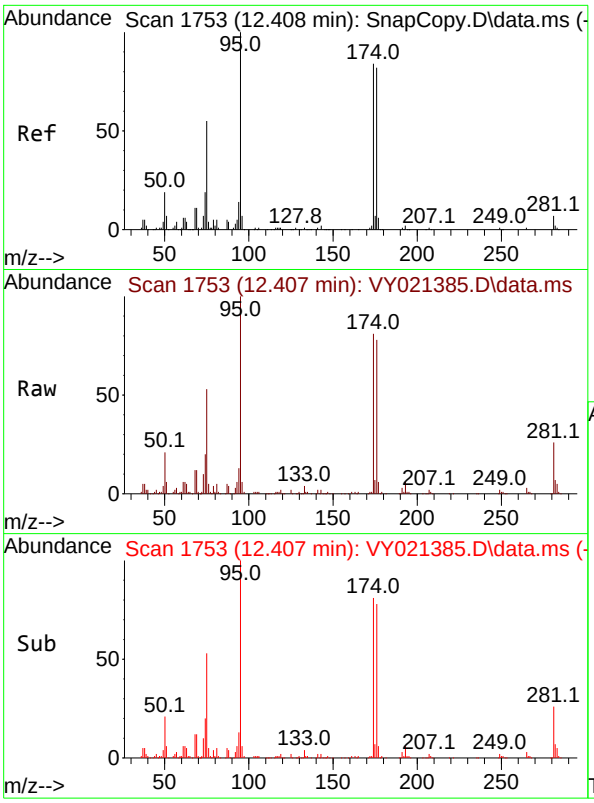


#50
Toluene-d8
Concen: 47.882 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Tgt Ion: 98 Resp: 276052

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.4	78.6



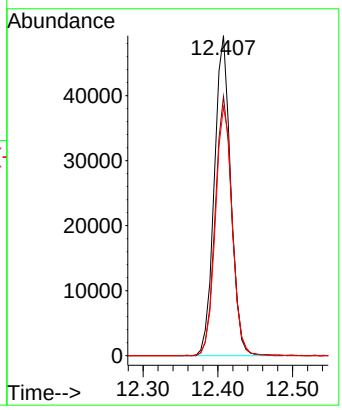


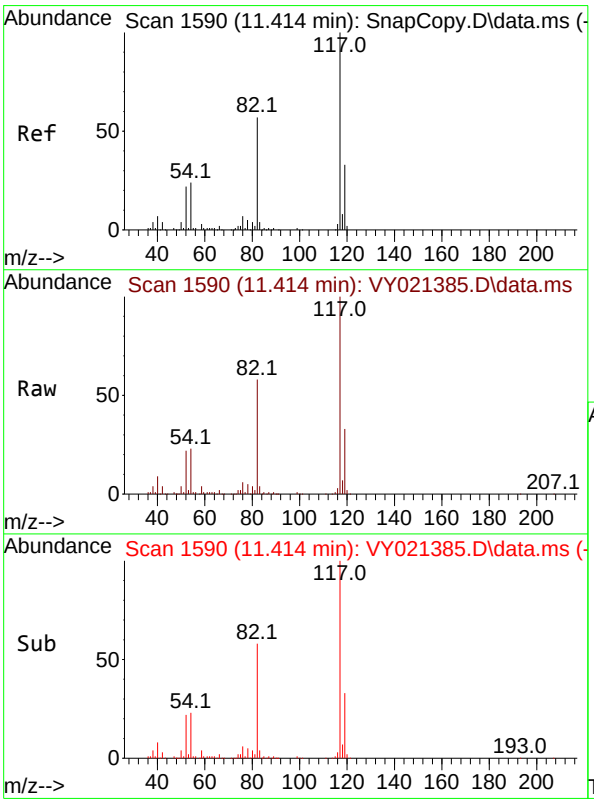
#62
4-Bromofluorobenzene
Concen: 38.632 ug/l
RT: 12.407 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
P4RE

Tgt Ion: 95 Resp: 74956

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	168.0
176	80.3	0.0	162.6

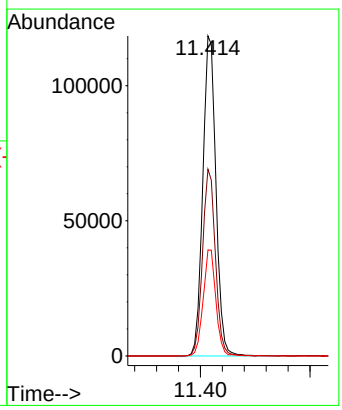


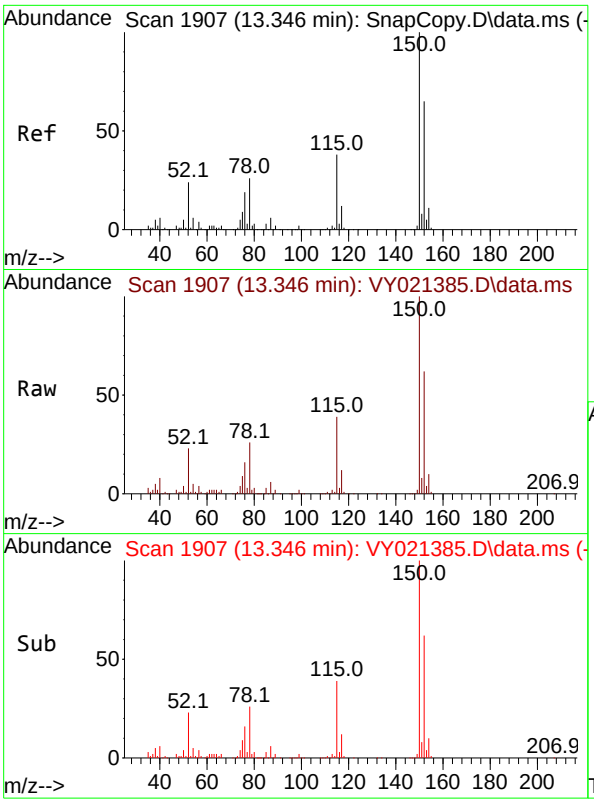


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Tgt Ion:117 Resp: 195919

Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.2	69.4
119	33.1	24.9	37.3



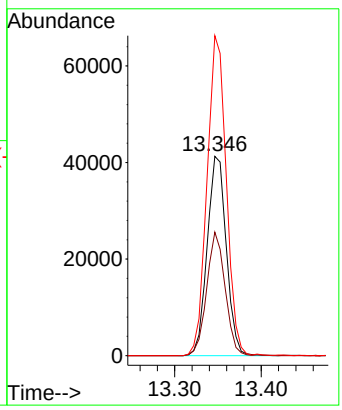


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021385.D
Acq: 28 Feb 2025 17:05

Instrument :
MSVOA_Y
ClientSampleId :
P4RE

Tgt Ion:152 Resp: 63405

Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.3	88.0
150	161.3	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045128.D
Acq On : 05 Mar 2025 09:39
Operator : JC/MD
Sample : VX0305MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

Quant Time: Mar 06 00:59:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

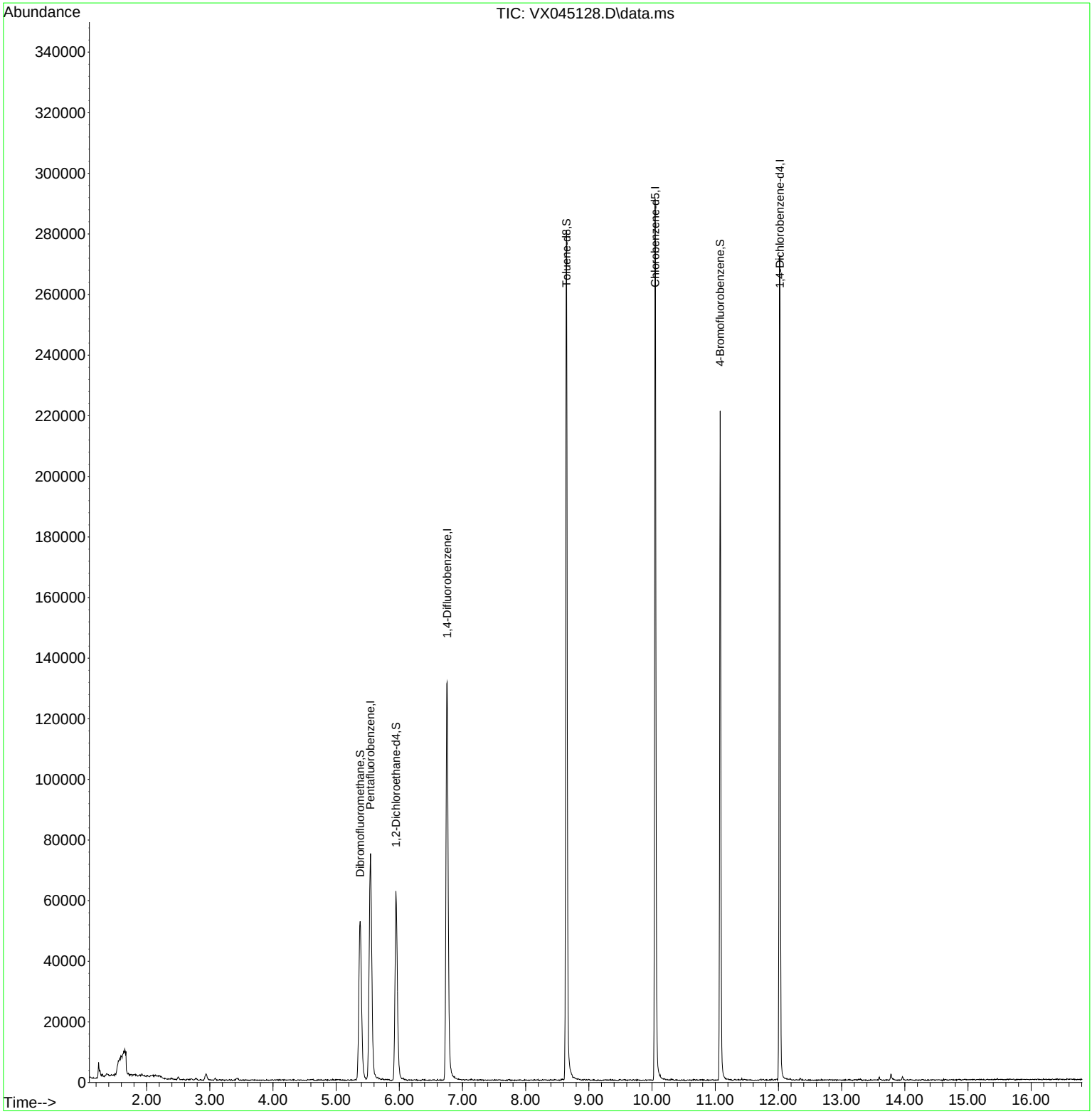
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	68268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138238	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	57330	52.795	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.580%			
35) Dibromofluoromethane	5.379	113	46980	50.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	8.647	98	172066	51.346	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.700%			
62) 4-Bromofluorobenzene	11.079	95	58162	52.376	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.760%			
Target Compounds						Qvalue

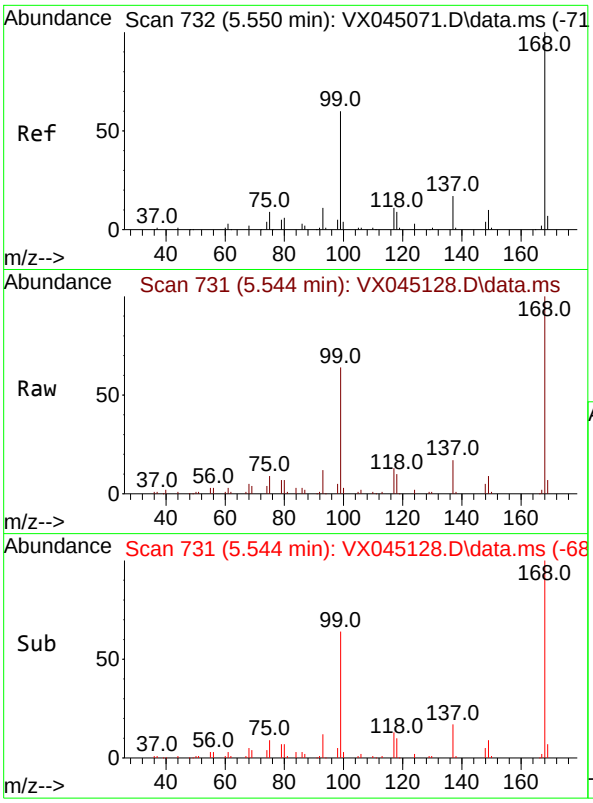
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045128.D
Acq On : 05 Mar 2025 09:39
Operator : JC/MD
Sample : VX0305MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

Quant Time: Mar 06 00:59:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



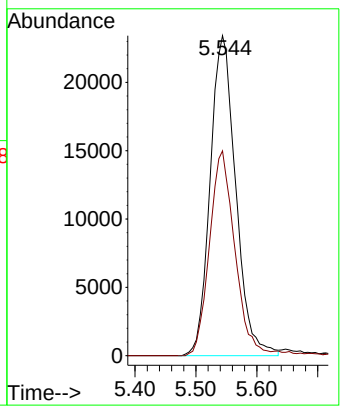


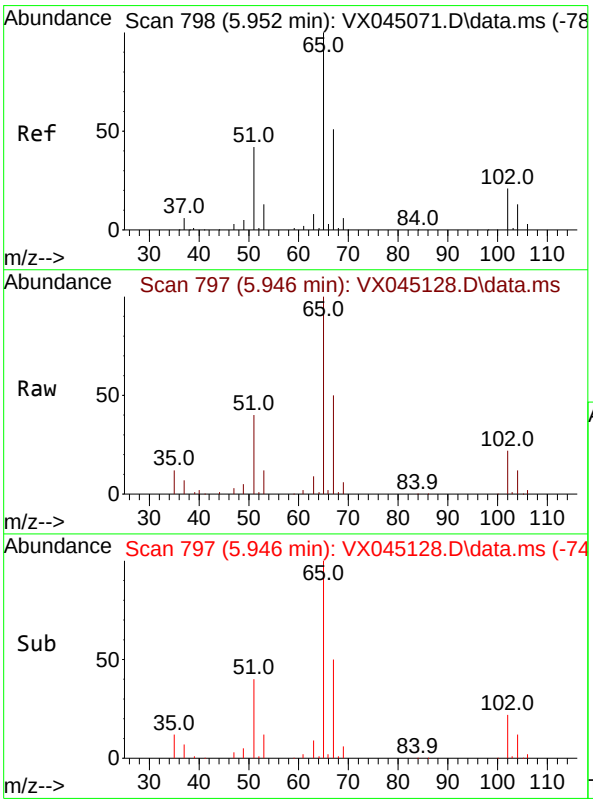
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045128.D
Acq: 05 Mar 2025 09:39

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

Tgt Ion:168 Resp: 68268

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.2	72.4

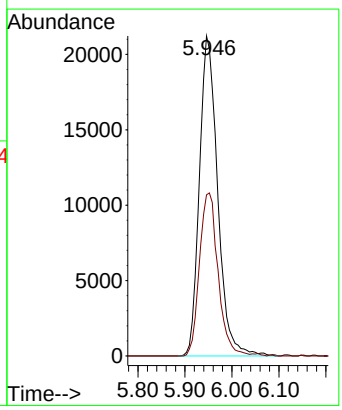


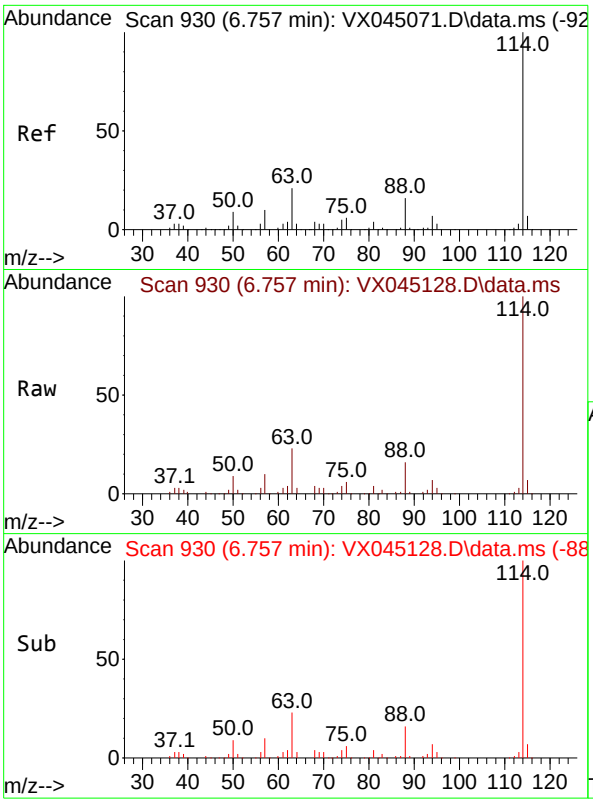


#33
1,2-Dichloroethane-d4
Concen: 52.795 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045128.D
Acq: 05 Mar 2025 09:39

Tgt Ion: 65 Resp: 57330

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.2



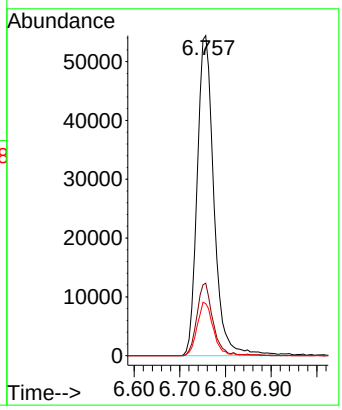


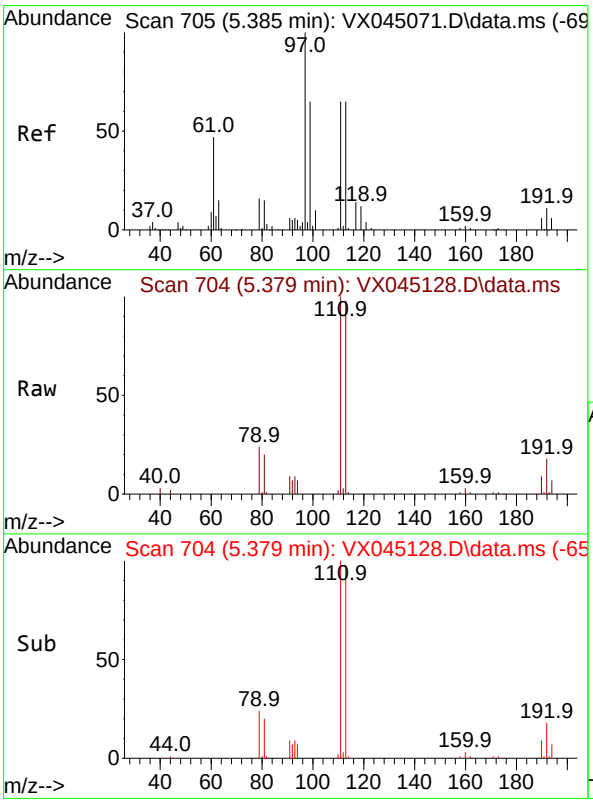
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045128.D
Acq: 05 Mar 2025 09:39

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

Tgt Ion:114 Resp: 138238

Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	41.8
88	16.3	0.0	32.8

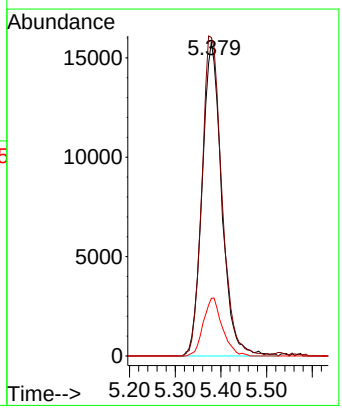


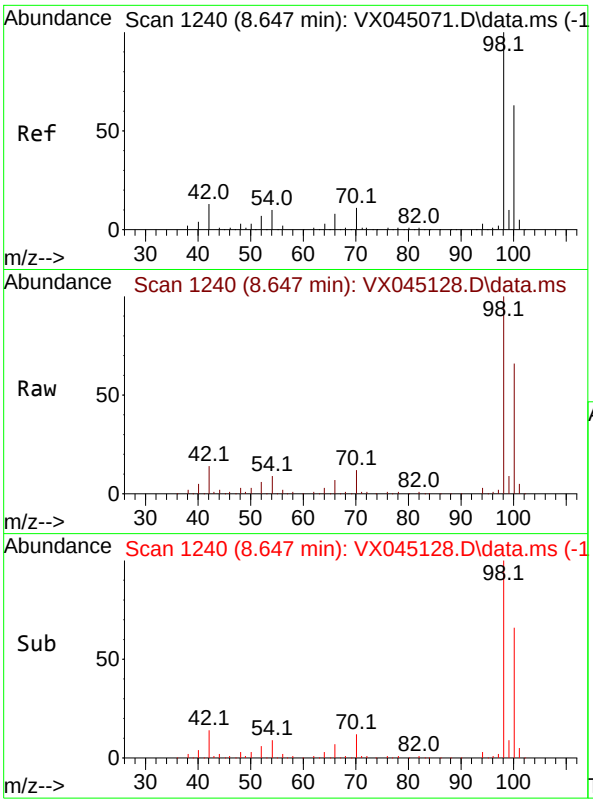


#35
Dibromofluoromethane
Concen: 50.824 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045128.D
Acq: 05 Mar 2025 09:39

Tgt Ion:113 Resp: 46980

Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.8	122.6
192	17.9	14.3	21.5



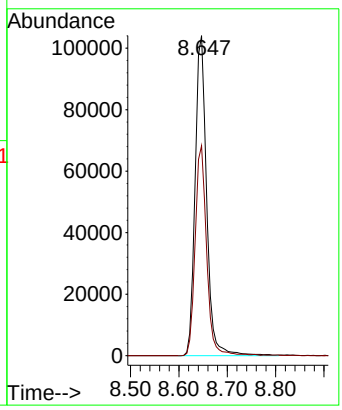


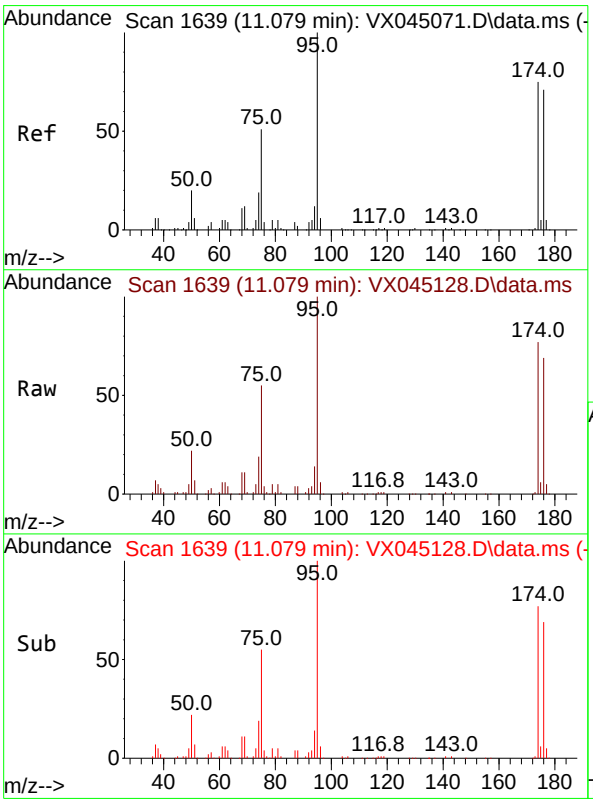
#50
Toluene-d8
Concen: 51.346 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045128.D
Acq: 05 Mar 2025 09:39

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

Tgt Ion: 98 Resp: 172066

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0

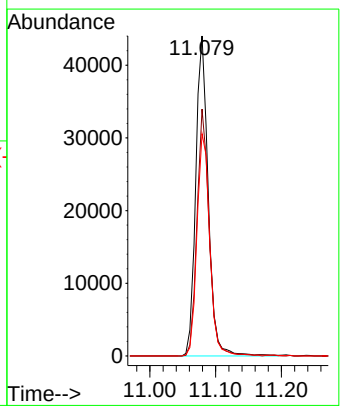


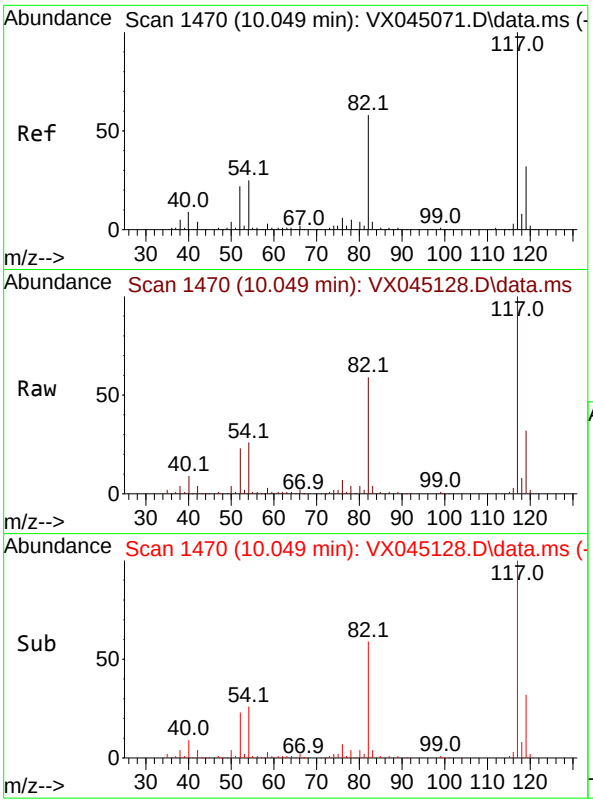


#62
4-Bromofluorobenzene
Concen: 52.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045128.D
Acq: 05 Mar 2025 09:39

Tgt Ion: 95 Resp: 58162

Ion	Ratio	Lower	Upper
95	100		
174	75.6	0.0	148.2
176	71.2	0.0	141.4



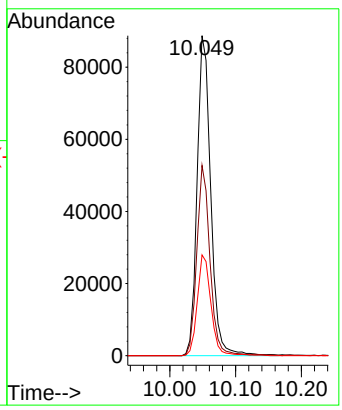


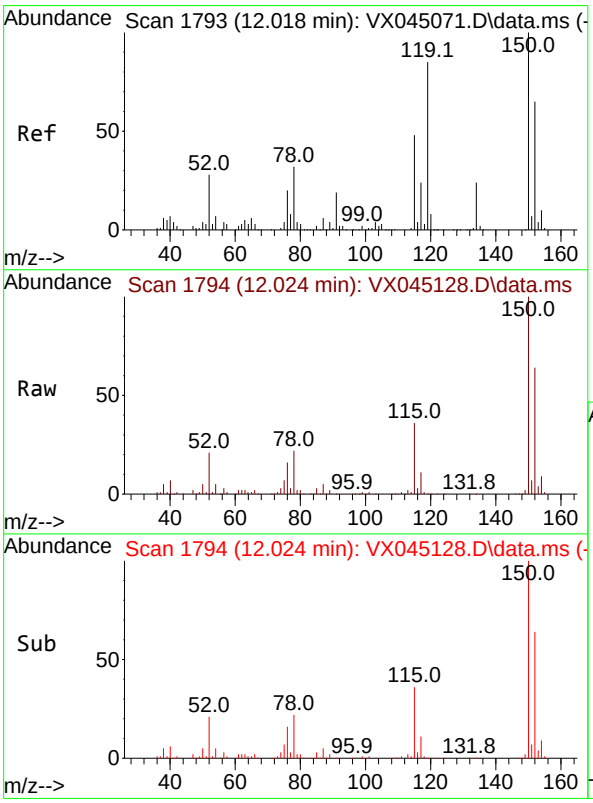
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045128.D
Acq: 05 Mar 2025 09:39

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBL01

Tgt Ion:117 Resp: 127715

Ion	Ratio	Lower	Upper
117	100		
82	59.4	46.3	69.5
119	31.5	25.7	38.5

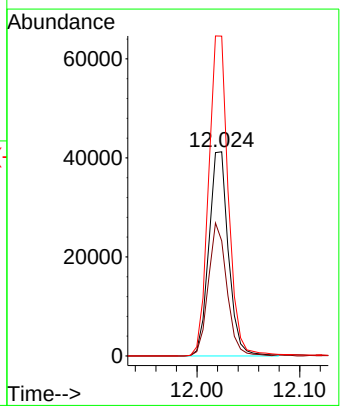




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045128.D
Acq: 05 Mar 2025 09:39

Tgt Ion:152 Resp: 54682

Ion	Ratio	Lower	Upper
152	100		
115	61.4	44.2	132.6
150	158.6	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021347.D
Acq On : 27 Feb 2025 10:42
Operator : SY/MD
Sample : VY0227SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

Quant Time: Feb 28 00:40:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	140233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	264026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	255103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	107368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	94225	59.230	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.460%			
35) Dibromofluoromethane	7.634	113	90944	52.539	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.080%			
50) Toluene-d8	10.109	98	322284	48.176	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.360%			
62) 4-Bromofluorobenzene	12.407	95	111519	49.533	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.060%			

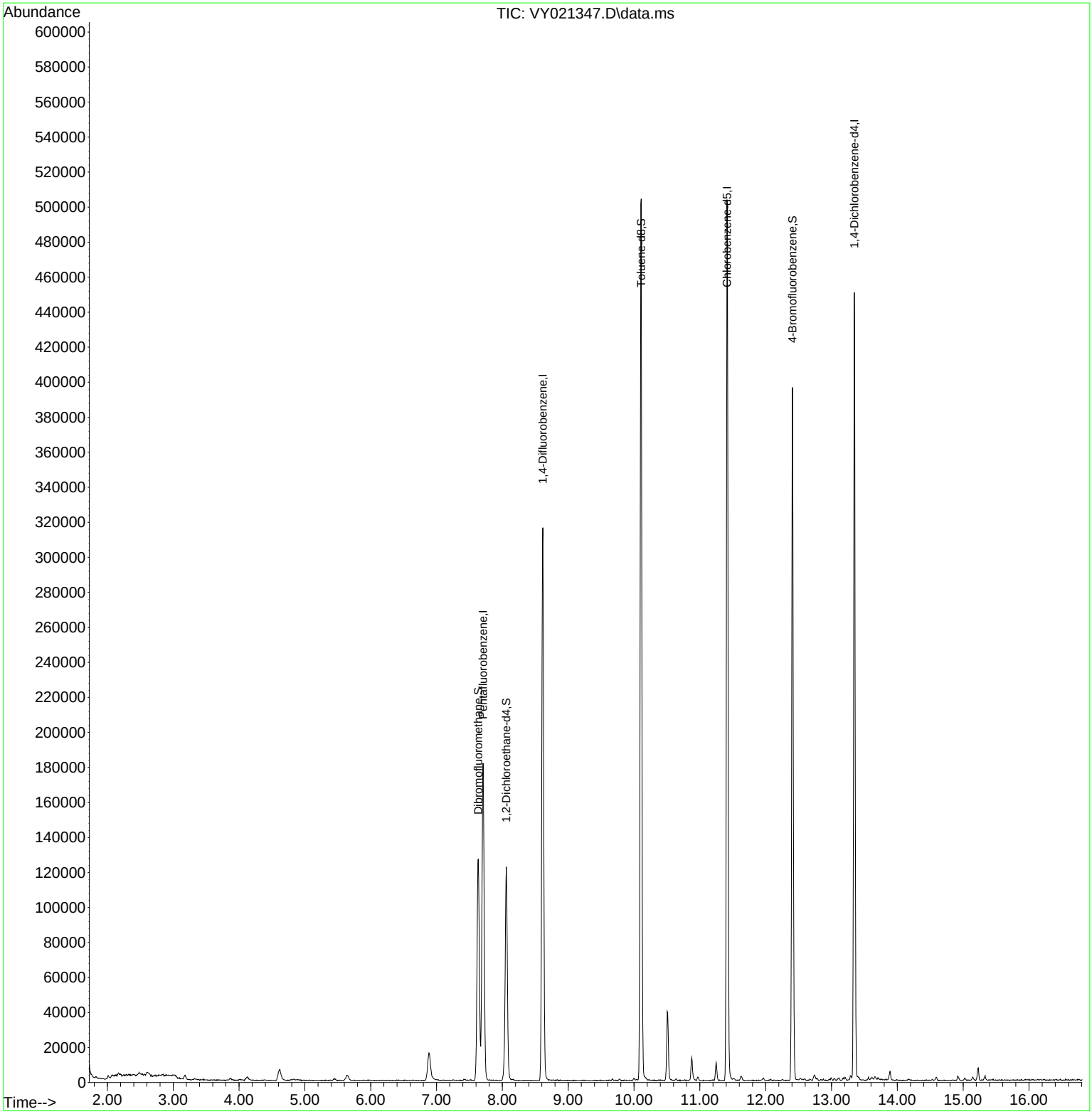
Target Compounds Qvalue

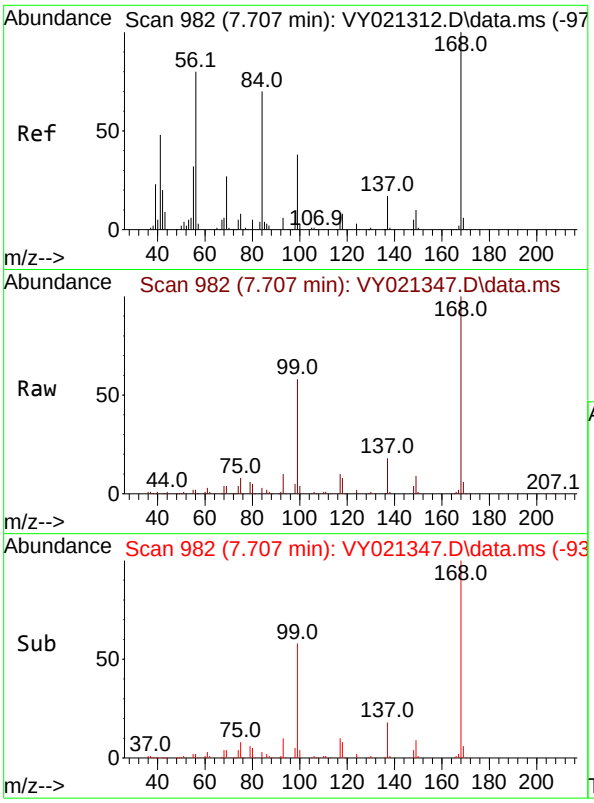
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021347.D
Acq On : 27 Feb 2025 10:42
Operator : SY/MD
Sample : VY0227SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

Quant Time: Feb 28 00:40:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



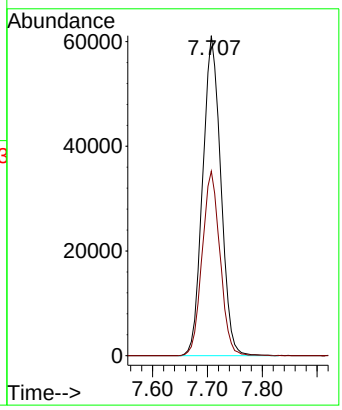


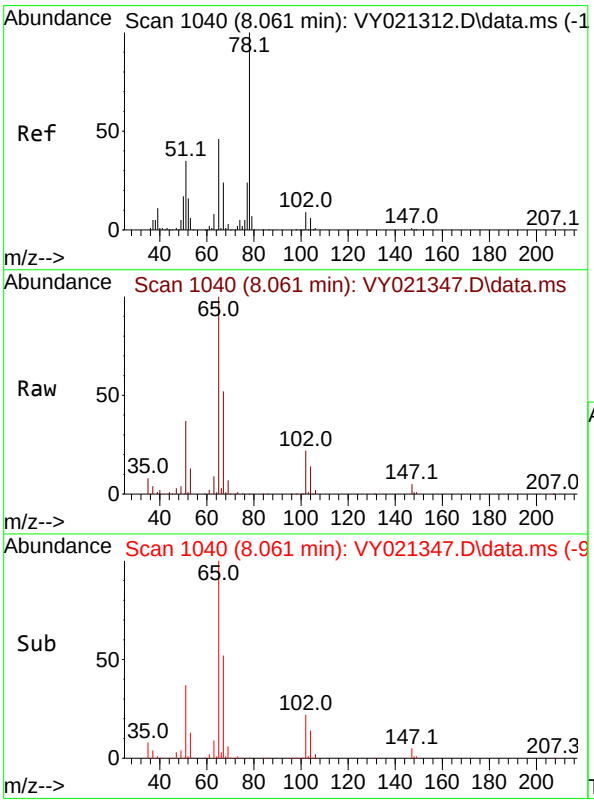
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY021347.D
Acq: 27 Feb 2025 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

Tgt Ion:168 Resp: 140233

Ion	Ratio	Lower	Upper
168	100		
99	57.6	47.1	70.7

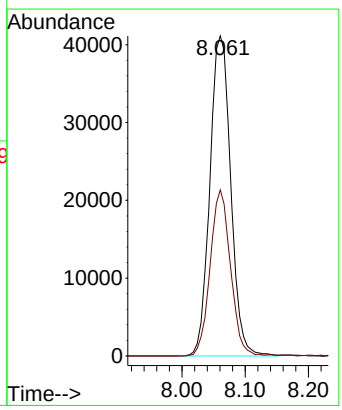


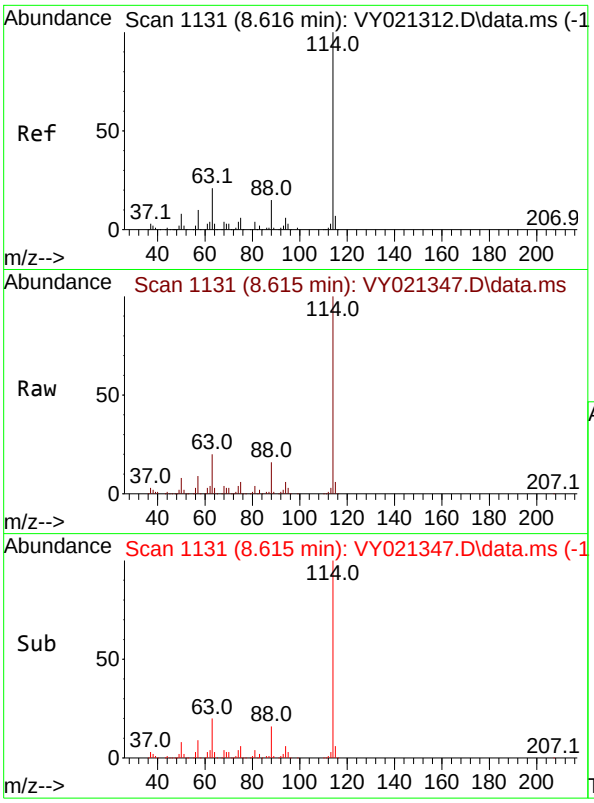


#33
1,2-Dichloroethane-d4
Concen: 59.230 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021347.D
Acq: 27 Feb 2025 10:42

Tgt Ion: 65 Resp: 94225

Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	103.6



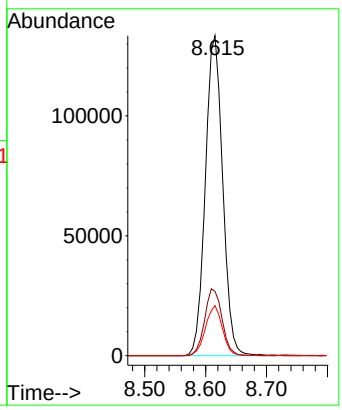


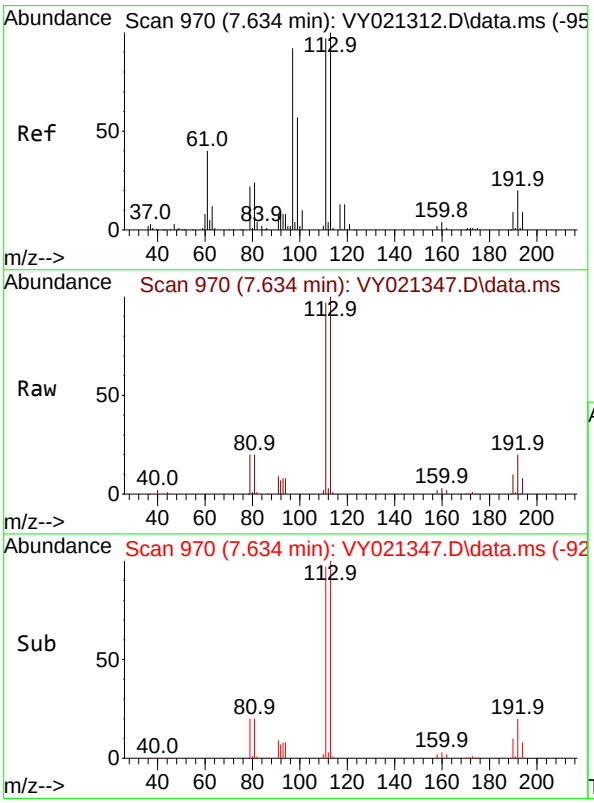
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021347.D
Acq: 27 Feb 2025 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

Tgt Ion:114 Resp: 264026

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	42.2
88	15.7	0.0	29.8

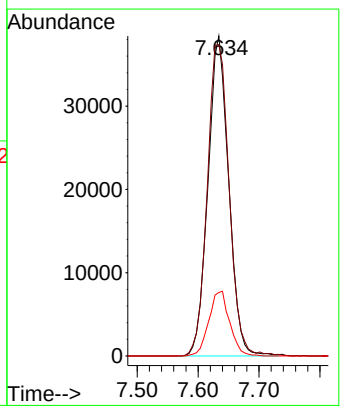


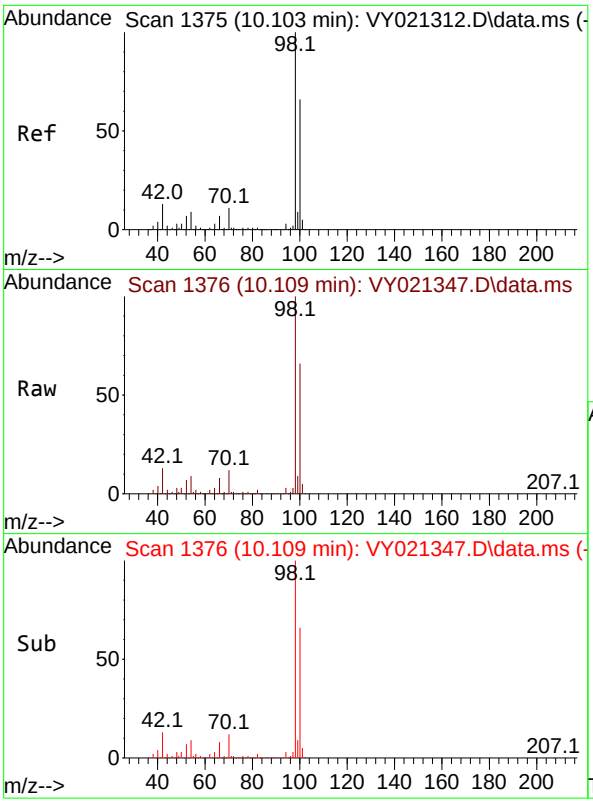


#35
Dibromofluoromethane
Concen: 52.539 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021347.D
Acq: 27 Feb 2025 10:42

Tgt Ion:113 Resp: 90944

Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.0	121.6
192	20.3	15.8	23.8



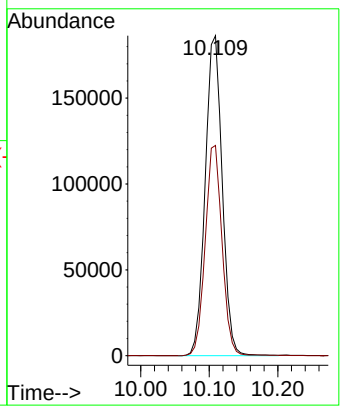


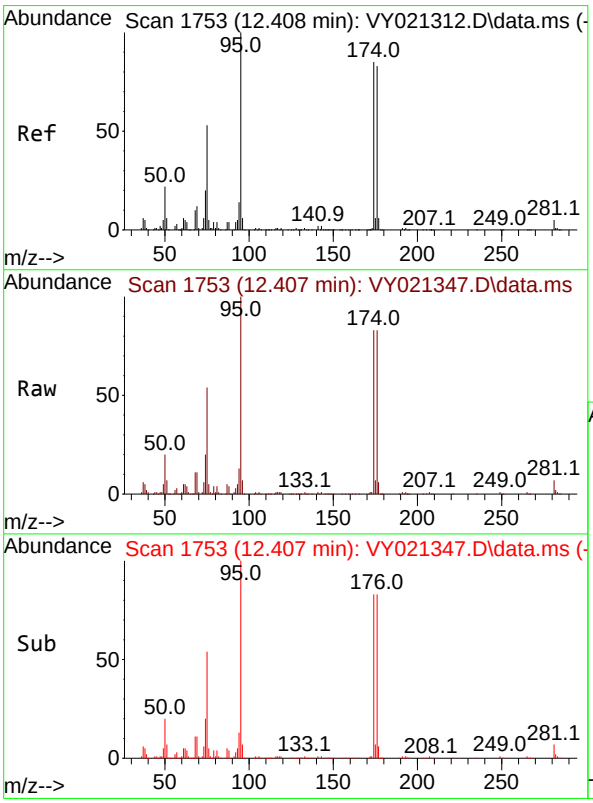
#50
Toluene-d8
Concen: 48.176 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021347.D
Acq: 27 Feb 2025 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

Tgt Ion: 98 Resp: 322284

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.4	78.6

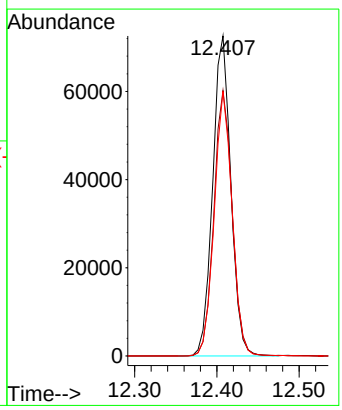


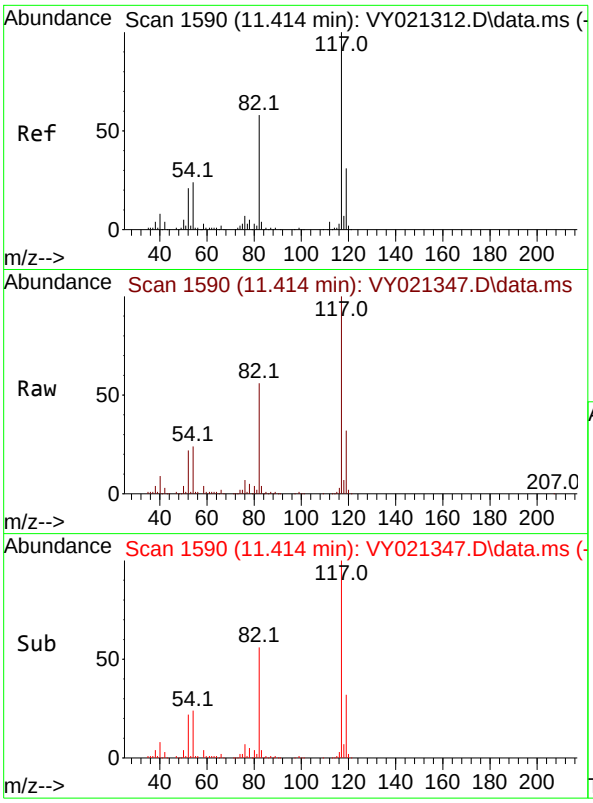


#62
4-Bromofluorobenzene
Concen: 49.533 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY021347.D
Acq: 27 Feb 2025 10:42

Tgt Ion: 95 Resp: 111519

Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	168.0
176	81.7	0.0	162.6



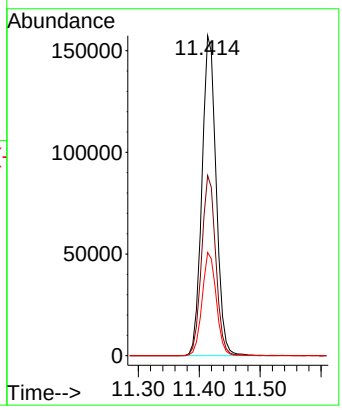


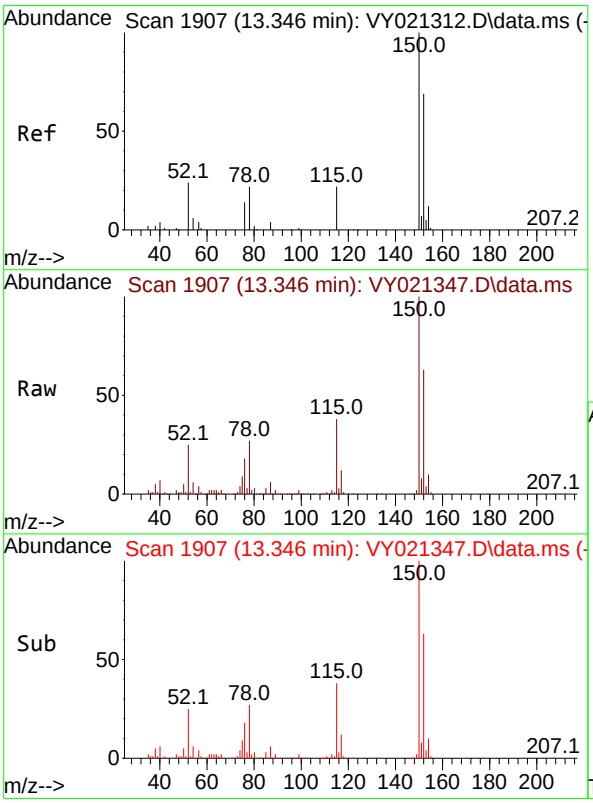
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY021347.D
Acq: 27 Feb 2025 10:42

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBL01

Tgt Ion:117 Resp: 255103

Ion	Ratio	Lower	Upper
117	100		
82	56.3	46.2	69.4
119	32.3	24.9	37.3

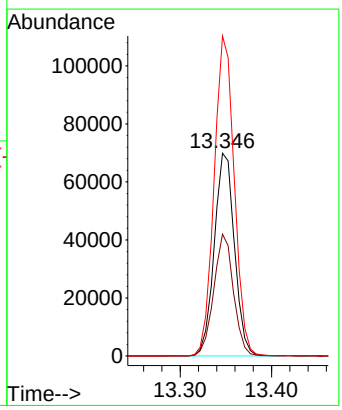




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021347.D
Acq: 27 Feb 2025 10:42

Tgt Ion:152 Resp: 107368

Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	157.4	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021376.D
Acq On : 28 Feb 2025 10:59
Operator : SY/MD
Sample : VY0228SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

Quant Time: Feb 28 22:18:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.713	168	105534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	180558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	159029	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	59388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	62494	52.201	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.400%			
35) Dibromofluoromethane	7.634	113	61564	52.007	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.020%			
50) Toluene-d8	10.109	98	215695	47.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.300%			
62) 4-Bromofluorobenzene	12.408	95	62690	40.717	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 81.440%			

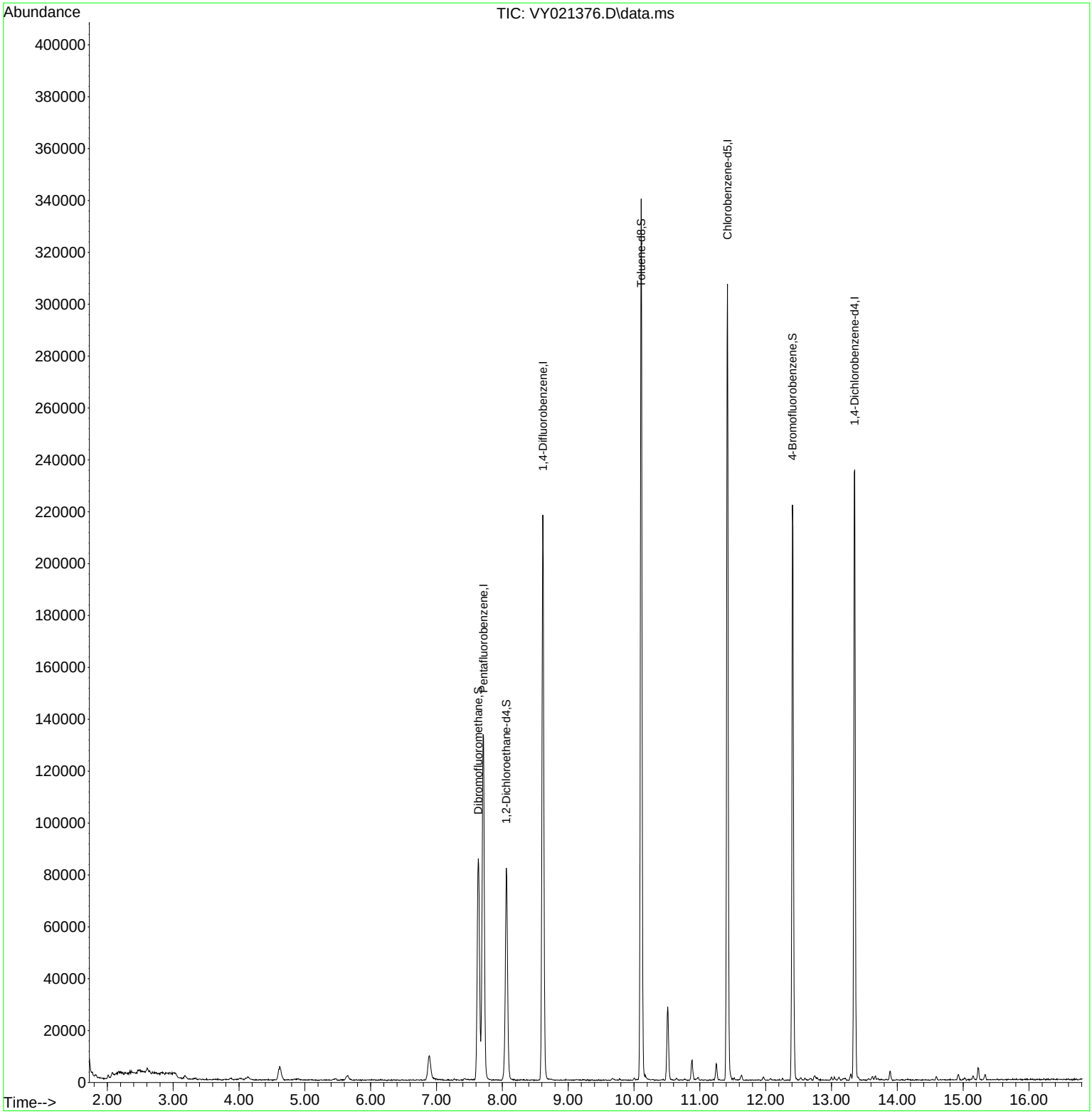
Target Compounds Qvalue

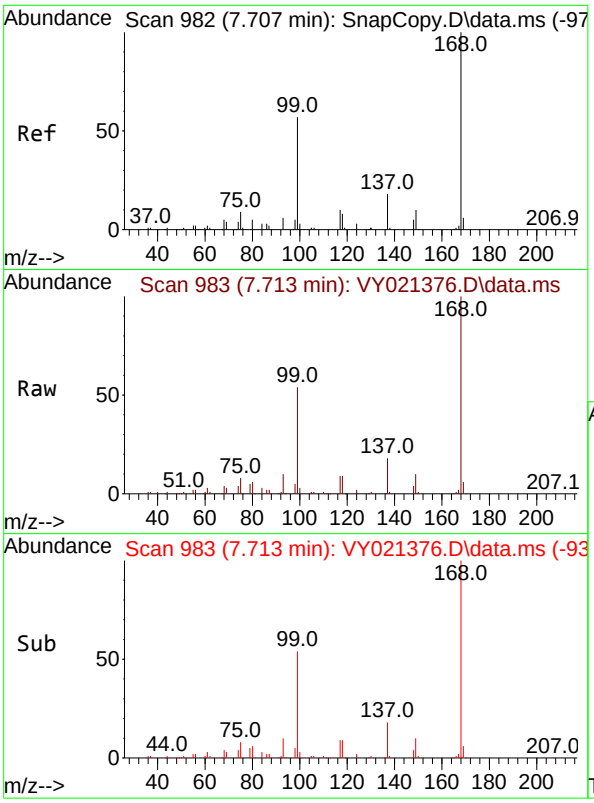
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021376.D
Acq On : 28 Feb 2025 10:59
Operator : SY/MD
Sample : VY0228SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

Quant Time: Feb 28 22:18:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration



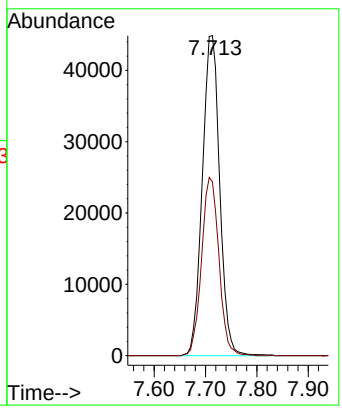


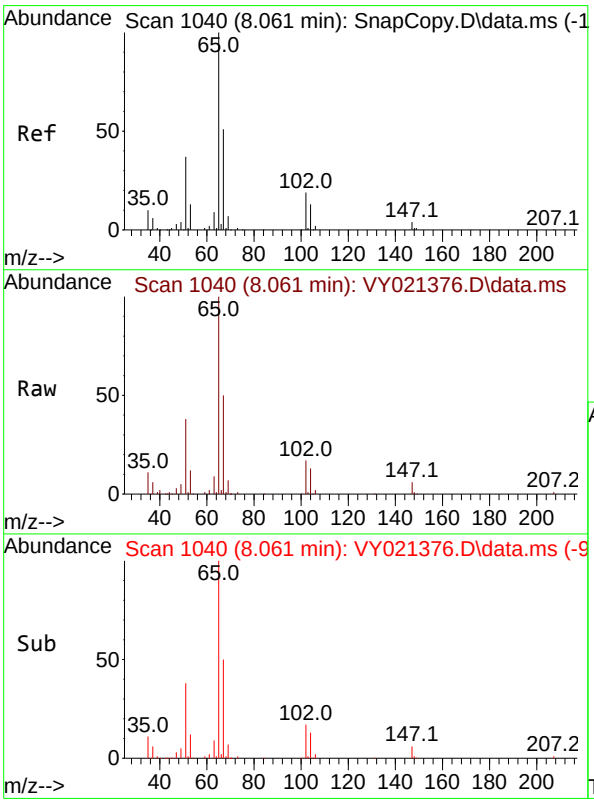
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 9
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

Tgt Ion:168 Resp: 105534

Ion	Ratio	Lower	Upper
168	100		
99	54.4	47.1	70.7

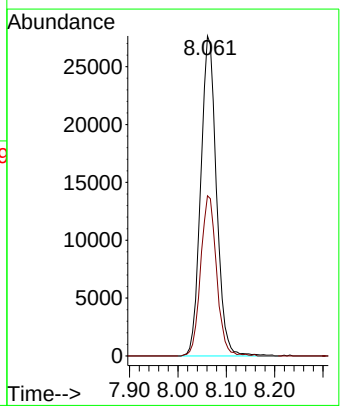


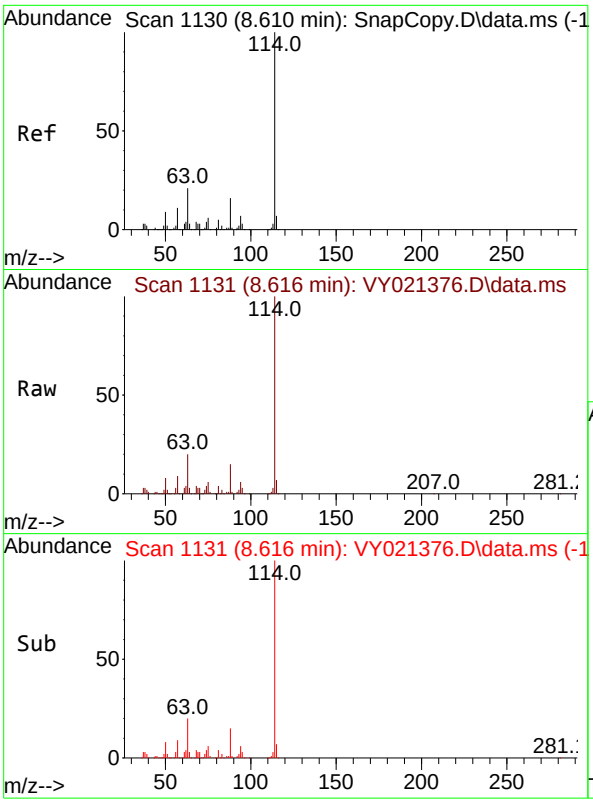


#33
1,2-Dichloroethane-d4
Concen: 52.201 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion: 65 Resp: 62494

Ion	Ratio	Lower	Upper
65	100		
67	50.7	0.0	103.6



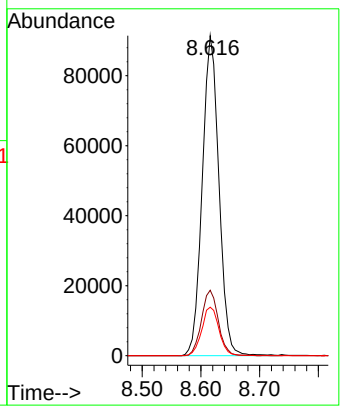


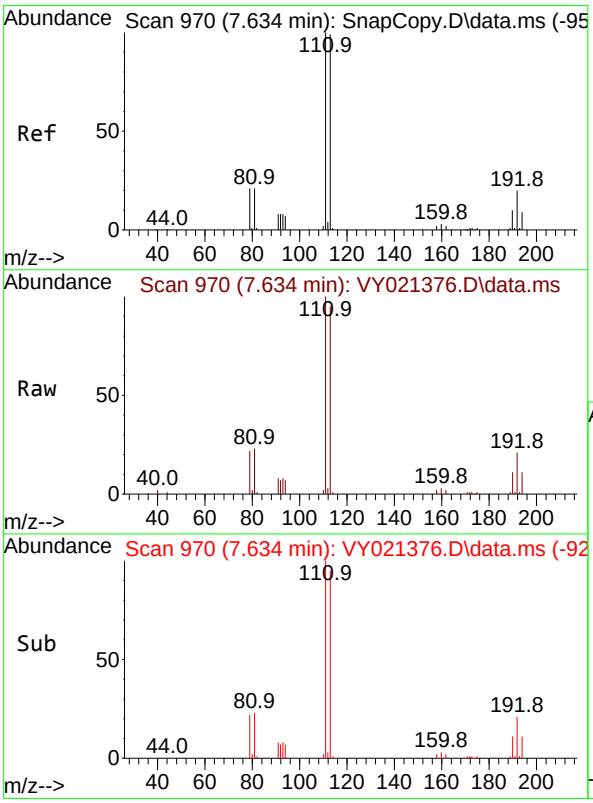
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

Tgt Ion:114 Resp: 180558

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	42.2
88	15.2	0.0	29.8

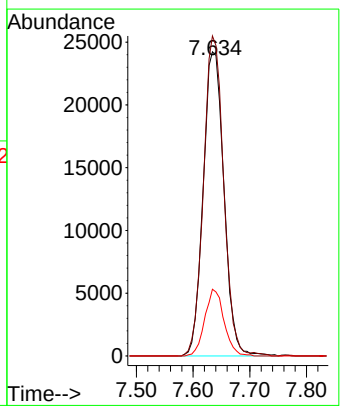


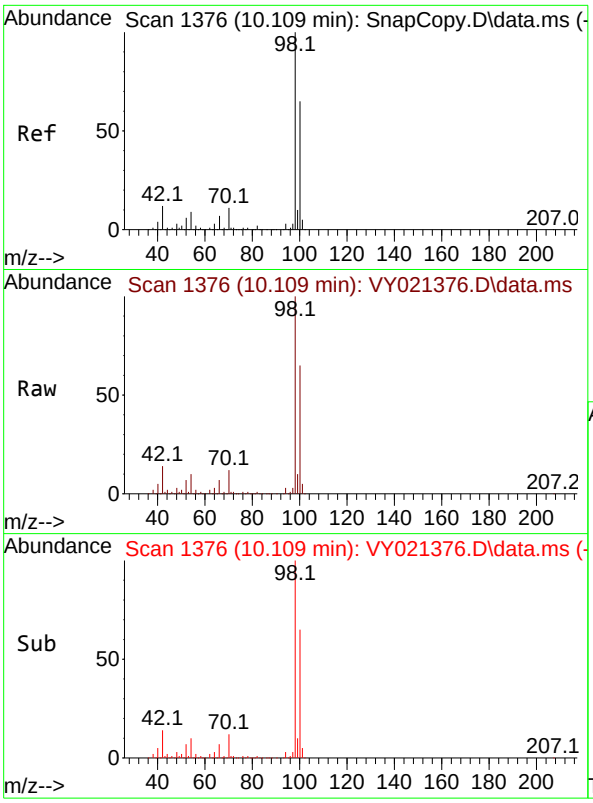


#35
Dibromofluoromethane
Concen: 52.007 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion:113 Resp: 61564

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.0	121.6
192	20.3	15.8	23.8



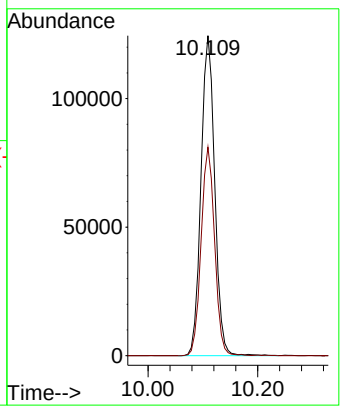


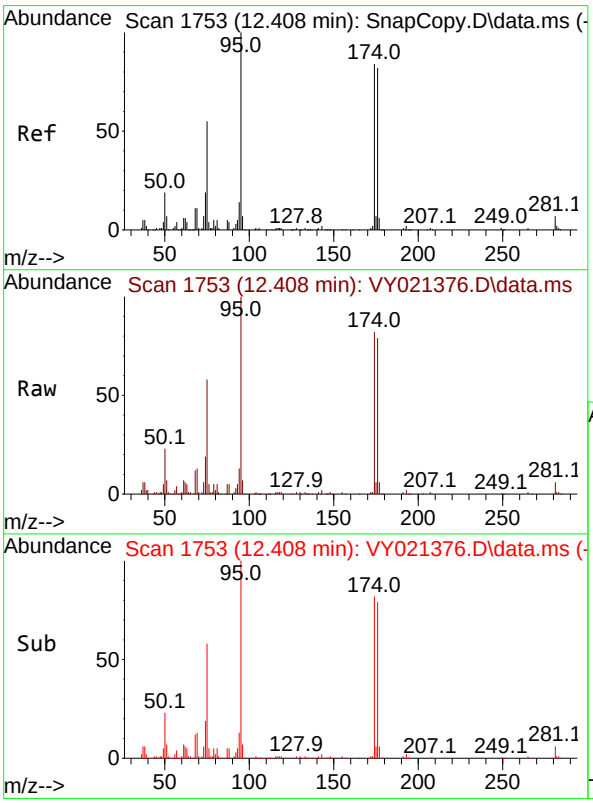
#50
Toluene-d8
Concen: 47.148 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

Tgt Ion: 98 Resp: 215695

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.4	78.6

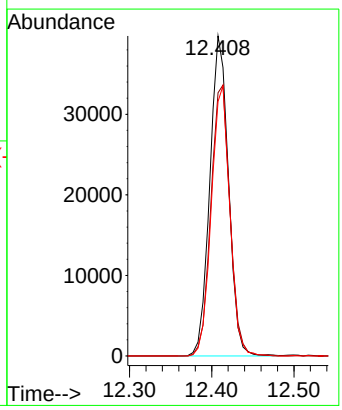


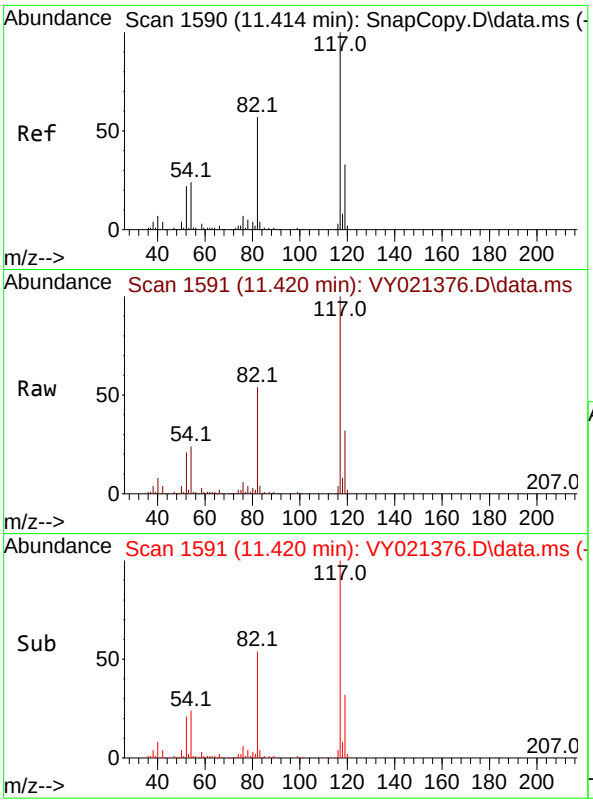


#62
4-Bromofluorobenzene
Concen: 40.717 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion: 95 Resp: 62690

Ion	Ratio	Lower	Upper
95	100		
174	86.5	0.0	168.0
176	83.6	0.0	162.6



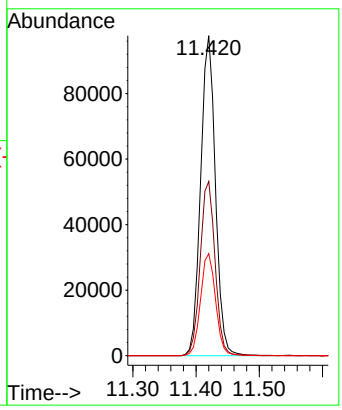


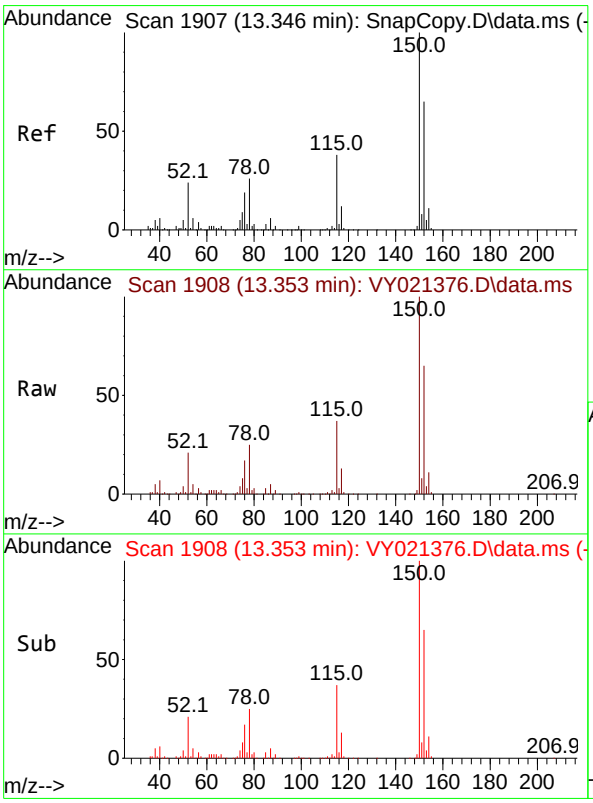
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBL01

Tgt Ion:117 Resp: 159029

Ion	Ratio	Lower	Upper
117	100		
82	54.5	46.2	69.4
119	31.9	24.9	37.3

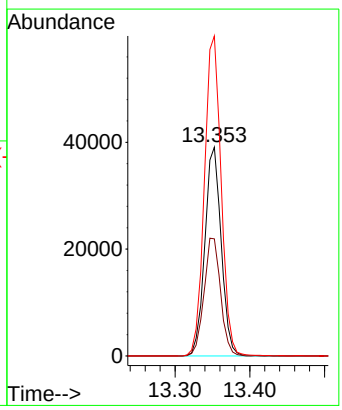




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY021376.D
Acq: 28 Feb 2025 10:59

Tgt Ion:152 Resp: 59388

Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.3	88.0
150	156.4	0.0	347.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045131.D
Acq On : 05 Mar 2025 10:53
Operator : JC/MD
Sample : VX0305MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 06 01:01:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	93506	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165212	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	145087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71944	48.371	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.740%			
35) Dibromofluoromethane	5.379	113	54636	49.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.920%			
50) Toluene-d8	8.647	98	202108	50.464	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.920%			
62) 4-Bromofluorobenzene	11.079	95	66609	50.190	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	20734	17.616	ug/l	97
3) Chloromethane	1.307	50	22972	15.948	ug/l	94
4) Vinyl Chloride	1.374	62	23869	16.704	ug/l	98
5) Bromomethane	1.593	94	8892	15.830	ug/l	99
6) Chloroethane	1.660	64	9424	14.298	ug/l	97
7) Trichlorofluoromethane	1.861	101	32881	17.382	ug/l	99
8) Diethyl Ether	2.136	74	12473	16.858	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.312	101	20190	18.578	ug/l	96
10) Methyl Iodide	2.441	142	22902	16.863	ug/l	98
11) Tert butyl alcohol	3.001	59	21510	76.350	ug/l	99
12) 1,1-Dichloroethene	2.300	96	19681	17.129	ug/l	99
13) Acrolein	2.239	56	32835	100.823	ug/l	99
14) Allyl chloride	2.654	41	36905	18.044	ug/l	99
15) Acrylonitrile	3.068	53	66561	88.153	ug/l	99
16) Acetone	2.392	43	58683	85.037	ug/l	99
17) Carbon Disulfide	2.495	76	47213	15.428	ug/l	99
18) Methyl Acetate	2.703	43	31655	19.068	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	67809	17.591	ug/l	100
20) Methylene Chloride	2.782	84	23516	17.203	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	20034	17.649	ug/l	88
22) Diisopropyl ether	3.763	45	73985	17.787	ug/l	92
23) Vinyl Acetate	3.721	43	310450	89.436	ug/l	99
24) 1,1-Dichloroethane	3.599	63	40586	17.410	ug/l	98
25) 2-Butanone	4.568	43	94768	91.233	ug/l	96
26) 2,2-Dichloropropane	4.465	77	26863	24.568	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	25211	17.992	ug/l	98
28) Bromochloromethane	4.897	49	23685	21.316	ug/l	99
29) Tetrahydrofuran	5.007	42	61224	87.767	ug/l	99
30) Chloroform	5.086	83	40536	17.501	ug/l	99
31) Cyclohexane	5.464	56	35931	17.756	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	31868	17.035	ug/l	98
36) 1,1-Dichloropropene	5.684	75	25987	17.153	ug/l	97
37) Ethyl Acetate	4.721	43	34867	17.860	ug/l	98
38) Carbon Tetrachloride	5.666	117	27031	17.574	ug/l	99
39) Methylcyclohexane	7.373	83	35762	19.700	ug/l	99
40) Benzene	6.031	78	87502	18.290	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045131.D
Acq On : 05 Mar 2025 10:53
Operator : JC/MD
Sample : VX0305MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 06 01:01:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	18762	17.774	ug/l		95
42) 1,2-Dichloroethane	6.086	62	31863	18.495	ug/l		99
43) Isopropyl Acetate	6.342	43	51757	17.929	ug/l		100
44) Trichloroethene	7.123	130	20398	18.158	ug/l		97
45) 1,2-Dichloropropane	7.427	63	22358	18.177	ug/l		97
46) Dibromomethane	7.580	93	16265	18.708	ug/l		99
47) Bromodichloromethane	7.818	83	31038	18.201	ug/l		94
48) Methyl methacrylate	7.696	41	26394	18.225	ug/l		99
49) 1,4-Dioxane	7.671	88	11411	373.525	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	182039	93.917	ug/l		100
52) Toluene	8.714	92	52472	18.694	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	26155	18.346	ug/l		92
54) cis-1,3-Dichloropropene	8.366	75	31173	18.751	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	21140	18.294	ug/l		98
56) Ethyl methacrylate	9.116	69	31086	17.698	ug/l		96
57) 1,3-Dichloropropane	9.305	76	37324	18.664	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	87774	102.440	ug/l		98
59) 2-Hexanone	9.433	43	133626	95.150	ug/l		98
60) Dibromochloromethane	9.518	129	21747	17.999	ug/l		99
61) 1,2-Dibromoethane	9.610	107	21480	18.620	ug/l		96
64) Tetrachloroethene	9.269	164	17110	18.413	ug/l		96
65) Chlorobenzene	10.079	112	56494	18.402	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	17528	17.144	ug/l		100
67) Ethyl Benzene	10.189	91	98772	18.464	ug/l		99
68) m/p-Xylenes	10.299	106	74954	38.276	ug/l		99
69) o-Xylene	10.640	106	36609	18.536	ug/l		98
70) Styrene	10.652	104	59546	18.633	ug/l		100
71) Bromoform	10.799	173	13176	17.090	ug/l	#	99
73) Isopropylbenzene	10.957	105	93801	18.193	ug/l		99
74) N-amyl acetate	10.841	43	42414	17.532	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	33942	17.940	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	29547m	19.218	ug/l		
77) Bromobenzene	11.195	156	21552	17.717	ug/l		99
78) n-propylbenzene	11.305	91	106185	18.232	ug/l		99
79) 2-Chlorotoluene	11.360	91	65081	17.546	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	76316	18.306	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	7305	16.260	ug/l		87
82) 4-Chlorotoluene	11.451	91	72035	17.819	ug/l		99
83) tert-Butylbenzene	11.713	119	76247	17.801	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	76231	18.173	ug/l		98
85) sec-Butylbenzene	11.890	105	94189	18.357	ug/l		100
86) p-Isopropyltoluene	12.006	119	78399	18.907	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	39224	18.075	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	39547	18.013	ug/l		97
89) n-Butylbenzene	12.329	91	68548	19.194	ug/l		99
90) Hexachloroethane	12.536	117	12573	16.764	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	40732	18.711	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6381	17.312	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	23180	18.700	ug/l		99
94) Hexachlorobutadiene	13.725	225	9885	19.451	ug/l		99
95) Naphthalene	13.774	128	88361	18.554	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	24909	19.048	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045131.D
Acq On : 05 Mar 2025 10:53
Operator : JC/MD
Sample : VX0305MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 06 01:01:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

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

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

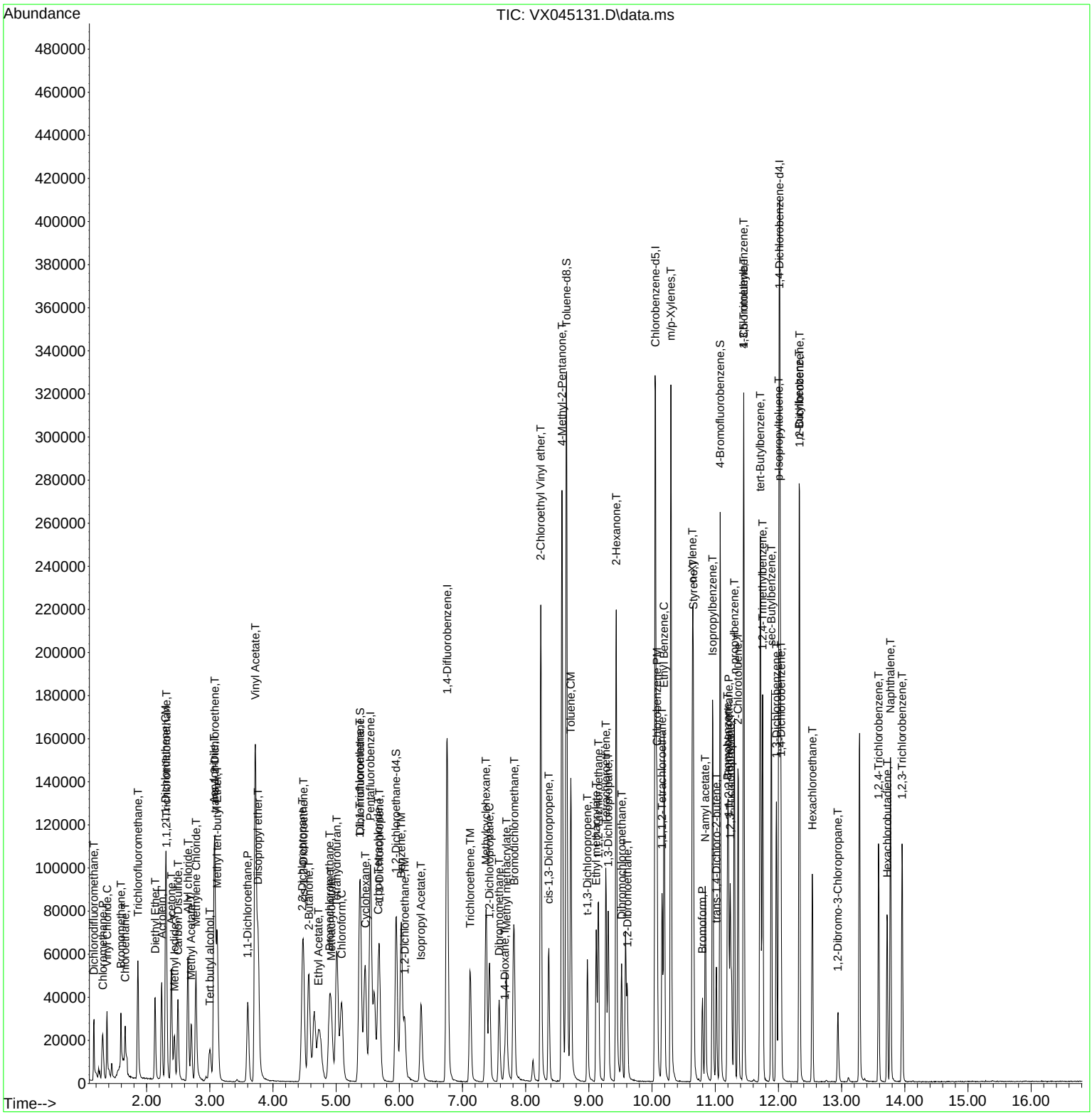
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030525\
Data File : VX045131.D
Acq On : 05 Mar 2025 10:53
Operator : JC/MD
Sample : VX0305MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 06 01:01:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0305MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021348.D
Acq On : 27 Feb 2025 11:18
Operator : SY/MD
Sample : VY0227SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 00:40:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	199987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	311959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	138215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116027	51.143	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.280%			
35) Dibromofluoromethane	7.628	113	106867	52.252	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.500%			
50) Toluene-d8	10.103	98	413664	52.334	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.408	95	139307	52.368	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.740%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	37086	19.559	ug/l	97
3) Chloromethane	2.068	50	45372	18.528	ug/l	98
4) Vinyl Chloride	2.202	62	46452	19.327	ug/l	97
5) Bromomethane	2.586	94	30476	19.081	ug/l	99
6) Chloroethane	2.733	64	29673	19.908	ug/l	98
7) Trichlorofluoromethane	3.056	101	73497	20.248	ug/l	99
8) Diethyl Ether	3.452	74	20917	19.199	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.818	101	42936	20.431	ug/l	99
10) Methyl Iodide	4.001	142	41447	18.746	ug/l	100
11) Tert butyl alcohol	4.860	59	15512	88.893	ug/l	97
12) 1,1-Dichloroethene	3.787	96	39988	19.872	ug/l	94
13) Acrolein	3.647	56	22410	167.586	ug/l	95
14) Allyl chloride	4.379	41	67291	18.861	ug/l	99
15) Acrylonitrile	5.055	53	44168	91.694	ug/l	98
16) Acetone	3.866	43	46430	106.690	ug/l	99
17) Carbon Disulfide	4.104	76	123567	18.493	ug/l	100
18) Methyl Acetate	4.385	43	19413	18.253	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	101763	19.141	ug/l	99
20) Methylene Chloride	4.616	84	46825	19.898	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	43373	19.580	ug/l	97
22) Diisopropyl ether	6.019	45	143470	19.433	ug/l	98
23) Vinyl Acetate	5.958	43	413611	93.754	ug/l	99
24) 1,1-Dichloroethane	5.909	63	81302	19.539	ug/l	98
25) 2-Butanone	6.890	43	63968	97.394	ug/l	99
26) 2,2-Dichloropropane	6.878	77	75215	19.921	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	49301	19.490	ug/l	99
28) Bromochloromethane	7.244	49	34908	18.960	ug/l	99
29) Tetrahydrofuran	7.262	42	39410	91.797	ug/l	99
30) Chloroform	7.421	83	84823	20.118	ug/l	98
31) Cyclohexane	7.701	56	74866	18.717	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	76848	20.024	ug/l	98
36) 1,1-Dichloropropene	7.835	75	60971	19.846	ug/l	99
37) Ethyl Acetate	6.988	43	28033	18.344	ug/l	97
38) Carbon Tetrachloride	7.817	117	68822	19.927	ug/l	98
39) Methylcyclohexane	9.109	83	74844	19.261	ug/l	97
40) Benzene	8.079	78	180639	19.891	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021348.D
Acq On : 27 Feb 2025 11:18
Operator : SY/MD
Sample : VY0227SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 00:40:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.238	41	17060m	19.967	ug/l		
42) 1,2-Dichloroethane	8.158	62	52273	20.288	ug/l		99
43) Isopropyl Acetate	8.195	43	54717	18.499	ug/l		99
44) Trichloroethene	8.866	130	45500	20.012	ug/l		97
45) 1,2-Dichloropropane	9.140	63	43265	19.796	ug/l		96
46) Dibromomethane	9.231	93	23940	20.039	ug/l		100
47) Bromodichloromethane	9.420	83	64230	20.164	ug/l		97
48) Methyl methacrylate	9.219	41	24954	18.041	ug/l		97
49) 1,4-Dioxane	9.225	88	4987	375.432	ug/l		94
51) 4-Methyl-2-Pentanone	9.999	43	139296	91.997	ug/l		99
52) Toluene	10.170	92	114108	20.226	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	56809	19.466	ug/l		98
54) cis-1,3-Dichloropropene	9.853	75	66736	19.370	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	31323	20.127	ug/l		98
56) Ethyl methacrylate	10.438	69	41028	19.079	ug/l		97
57) 1,3-Dichloropropane	10.713	76	54720	20.037	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	96301	93.300	ug/l		99
59) 2-Hexanone	10.762	43	95328	95.864	ug/l		100
60) Dibromochloromethane	10.914	129	41937	19.786	ug/l		99
61) 1,2-Dibromoethane	11.012	107	28803	19.549	ug/l		98
64) Tetrachloroethene	10.646	164	40978	19.901	ug/l		97
65) Chlorobenzene	11.438	112	121107	19.805	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.518	131	43712	20.415	ug/l		100
67) Ethyl Benzene	11.518	91	217521	20.082	ug/l		98
68) m/p-Xylenes	11.627	106	164558	40.391	ug/l		100
69) o-Xylene	11.956	106	75583	19.803	ug/l		99
70) Styrene	11.969	104	125803	19.811	ug/l		99
71) Bromoform	12.133	173	24353	19.881	ug/l	#	99
73) Isopropylbenzene	12.255	105	206205	19.845	ug/l		99
74) N-amyl acetate	12.072	43	47320	17.916	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	34737	18.942	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	25901m	18.722	ug/l		
77) Bromobenzene	12.530	156	47735	19.751	ug/l		97
78) n-propylbenzene	12.597	91	251702	19.962	ug/l		100
79) 2-Chlorotoluene	12.682	91	142369	19.674	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	170506	20.007	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	11755	18.885	ug/l		99
82) 4-Chlorotoluene	12.780	91	149541	19.935	ug/l		99
83) tert-Butylbenzene	12.999	119	154147	20.024	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	170349	20.098	ug/l		100
85) sec-Butylbenzene	13.176	105	225031	20.012	ug/l		99
86) p-Isopropyltoluene	13.292	119	187791	20.000	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	95671	20.011	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	93607	19.820	ug/l		98
89) n-Butylbenzene	13.621	91	175070	19.813	ug/l		100
90) Hexachloroethane	13.883	117	38407	19.583	ug/l		98
91) 1,2-Dichlorobenzene	13.657	146	82275	19.642	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5427	18.707	ug/l		98
93) 1,2,4-Trichlorobenzene	14.925	180	46899	18.345	ug/l		99
94) Hexachlorobutadiene	15.029	225	31841	19.783	ug/l		100
95) Naphthalene	15.145	128	73424	17.339	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	40776	18.878	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021348.D
Acq On : 27 Feb 2025 11:18
Operator : SY/MD
Sample : VY0227SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 00:40:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

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

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

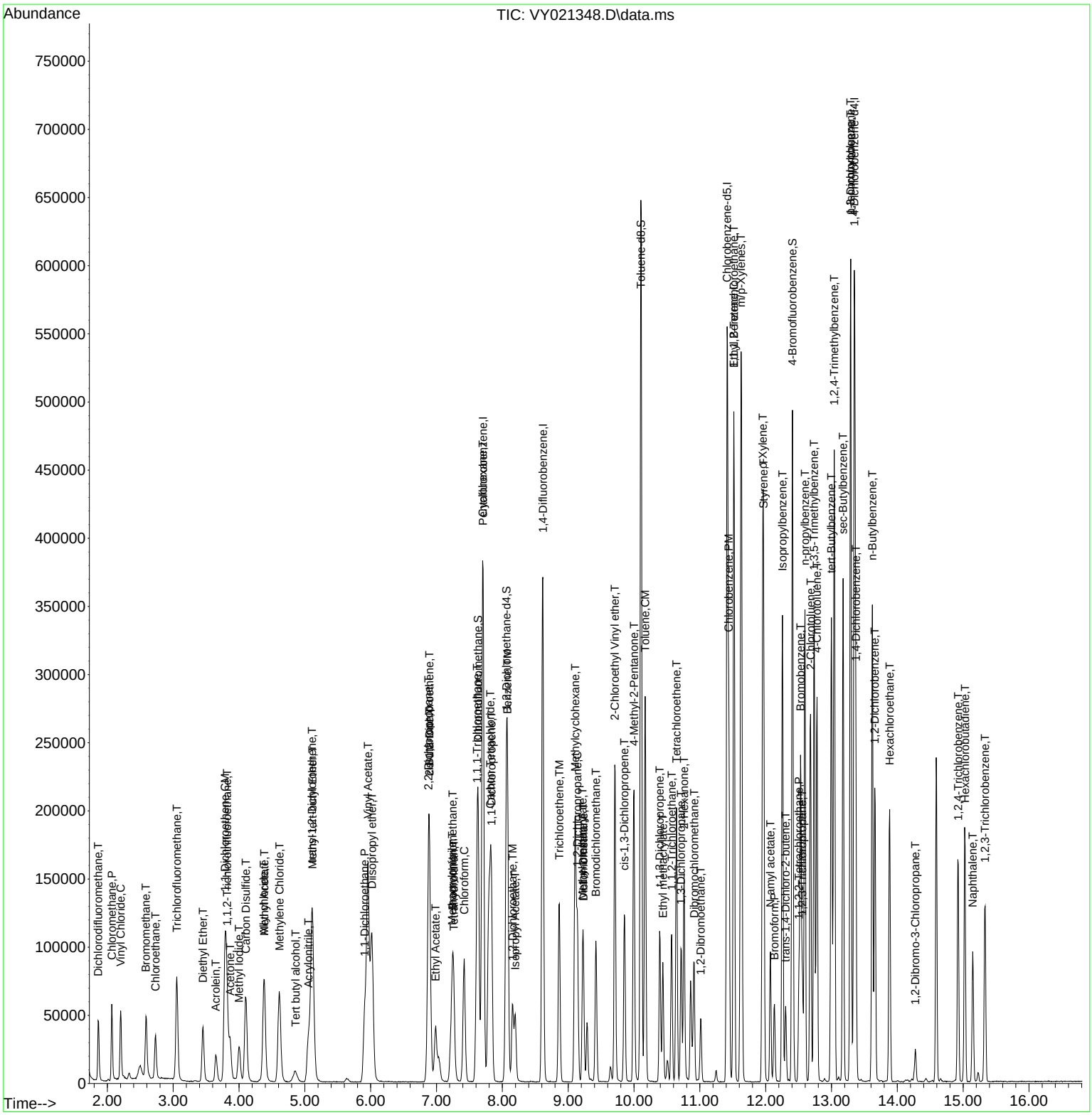
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021348.D
Acq On : 27 Feb 2025 11:18
Operator : SY/MD
Sample : VY0227SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 28 00:40:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021377.D
Acq On : 28 Feb 2025 11:32
Operator : SY/MD
Sample : VY0228SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 22:18:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	168970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	257471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	224033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	115456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	82743	43.167	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.340%			
35) Dibromofluoromethane	7.640	113	77212	45.742	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.480%			
50) Toluene-d8	10.109	98	289320	44.349	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.700%			
62) 4-Bromofluorobenzene	12.408	95	95946	43.701	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	29723	18.553	ug/l	95
3) Chloromethane	2.068	50	36553	17.667	ug/l	99
4) Vinyl Chloride	2.202	62	39280	19.343	ug/l	93
5) Bromomethane	2.592	94	27186	20.145	ug/l	99
6) Chloroethane	2.732	64	25258	20.057	ug/l	98
7) Trichlorofluoromethane	3.056	101	61224	19.963	ug/l	96
8) Diethyl Ether	3.452	74	17417	18.921	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	34990	19.706	ug/l	100
10) Methyl Iodide	4.007	142	34422	18.427	ug/l	99
11) Tert butyl alcohol	4.866	59	12120	82.204	ug/l	99
12) 1,1-Dichloroethene	3.793	96	31916	18.772	ug/l	91
13) Acrolein	3.647	56	16459	145.677	ug/l	97
14) Allyl chloride	4.385	41	49721	16.495	ug/l	96
15) Acrylonitrile	5.061	53	36749	90.297	ug/l	99
16) Acetone	3.872	43	28550	77.647	ug/l	94
17) Carbon Disulfide	4.104	76	98237	17.401	ug/l	97
18) Methyl Acetate	4.385	43	16534	18.400	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	84448	18.800	ug/l	100
20) Methylene Chloride	4.616	84	37924	19.074	ug/l	96
21) trans-1,2-Dichloroethene	5.110	96	34397	18.378	ug/l	96
22) Diisopropyl ether	6.018	45	110995	17.794	ug/l	97
23) Vinyl Acetate	5.964	43	324772	87.130	ug/l	98
24) 1,1-Dichloroethane	5.915	63	63844	18.160	ug/l	99
25) 2-Butanone	6.890	43	46319	83.468	ug/l	97
26) 2,2-Dichloropropane	6.890	77	56022	17.561	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	39898	18.668	ug/l	96
28) Bromochloromethane	7.244	49	27733	17.828	ug/l	92
29) Tetrahydrofuran	7.262	42	31461	86.734	ug/l	97
30) Chloroform	7.421	83	67278	18.886	ug/l	97
31) Cyclohexane	7.701	56	57900	17.133	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	61837	19.070	ug/l	100
36) 1,1-Dichloropropene	7.835	75	47878	18.883	ug/l	99
37) Ethyl Acetate	6.988	43	22949	18.195	ug/l	98
38) Carbon Tetrachloride	7.817	117	55703	19.541	ug/l	99
39) Methylcyclohexane	9.109	83	58155	18.134	ug/l	97
40) Benzene	8.079	78	143523	19.148	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021377.D
Acq On : 28 Feb 2025 11:32
Operator : SY/MD
Sample : VY0228SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 22:18:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.219	41	12586m	17.848	ug/l		
42) 1,2-Dichloroethane	8.158	62	41428	19.481	ug/l		97
43) Isopropyl Acetate	8.195	43	44479	18.220	ug/l		99
44) Trichloroethene	8.865	130	36816	19.619	ug/l		96
45) 1,2-Dichloropropane	9.140	63	34360	19.049	ug/l		99
46) Dibromomethane	9.231	93	19456	19.733	ug/l		97
47) Bromodichloromethane	9.426	83	51835	19.717	ug/l		98
48) Methyl methacrylate	9.219	41	19952	17.477	ug/l		94
49) 1,4-Dioxane	9.231	88	4114	375.255	ug/l		92
51) 4-Methyl-2-Pentanone	9.999	43	115289	92.255	ug/l		100
52) Toluene	10.170	92	89754	19.276	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	44692	18.555	ug/l		96
54) cis-1,3-Dichloropropene	9.853	75	53051	18.657	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	25241	19.651	ug/l		98
56) Ethyl methacrylate	10.438	69	33119	18.661	ug/l		98
57) 1,3-Dichloropropane	10.719	76	44249	19.632	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	75597	88.741	ug/l		97
59) 2-Hexanone	10.761	43	74950	91.322	ug/l		100
60) Dibromochloromethane	10.914	129	35624	20.364	ug/l		98
61) 1,2-Dibromoethane	11.011	107	23736	19.519	ug/l		97
64) Tetrachloroethene	10.646	164	34526	20.389	ug/l		98
65) Chlorobenzene	11.444	112	99308	19.747	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	35523	20.173	ug/l		100
67) Ethyl Benzene	11.524	91	170306	19.119	ug/l		99
68) m/p-Xylenes	11.633	106	131250	39.173	ug/l		98
69) o-Xylene	11.956	106	61033	19.445	ug/l		98
70) Styrene	11.969	104	102541	19.635	ug/l		99
71) Bromoform	12.133	173	20397	20.248	ug/l	#	99
73) Isopropylbenzene	12.255	105	164175	18.914	ug/l		100
74) N-amyl acetate	12.072	43	37786	17.127	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.511	83	29422	19.206	ug/l		97
76) 1,2,3-Trichloropropane	12.560	75	22194m	19.205	ug/l		
77) Bromobenzene	12.536	156	39235	19.434	ug/l		94
78) n-propylbenzene	12.597	91	196454	18.652	ug/l		98
79) 2-Chlorotoluene	12.682	91	113116	18.713	ug/l		97
80) 1,3,5-Trimethylbenzene	12.737	105	136074	19.114	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.310	75	8873	17.065	ug/l		96
82) 4-Chlorotoluene	12.779	91	115393	18.415	ug/l		98
83) tert-Butylbenzene	12.999	119	119869	18.640	ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	135274	19.106	ug/l		99
85) sec-Butylbenzene	13.176	105	176579	18.799	ug/l		99
86) p-Isopropyltoluene	13.292	119	148920	18.987	ug/l		99
87) 1,3-Dichlorobenzene	13.292	146	77744	19.467	ug/l		100
88) 1,4-Dichlorobenzene	13.371	146	76272	19.333	ug/l		99
89) n-Butylbenzene	13.621	91	136569	18.503	ug/l		98
90) Hexachloroethane	13.883	117	30423	18.570	ug/l		97
91) 1,2-Dichlorobenzene	13.663	146	68082	19.458	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	4491	18.532	ug/l		96
93) 1,2,4-Trichlorobenzene	14.925	180	39259	18.384	ug/l		99
94) Hexachlorobutadiene	15.029	225	25857	19.232	ug/l		99
95) Naphthalene	15.151	128	61755	17.459	ug/l		98
96) 1,2,3-Trichlorobenzene	15.334	180	33733	18.696	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021377.D
Acq On : 28 Feb 2025 11:32
Operator : SY/MD
Sample : VY0228SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 22:18:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025

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

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

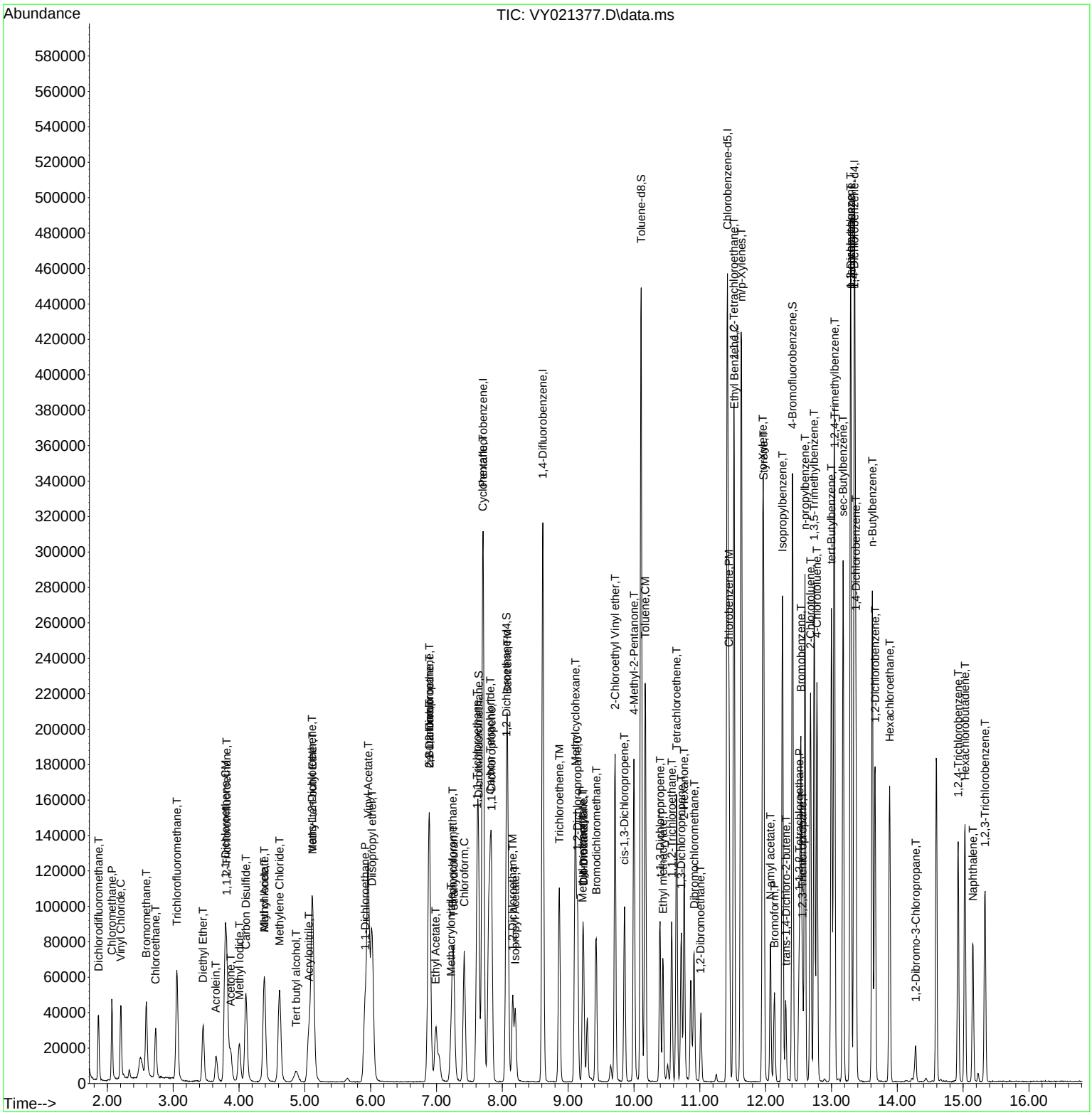
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022825\
Data File : VY021377.D
Acq On : 28 Feb 2025 11:32
Operator : SY/MD
Sample : VY0228SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 28 22:18:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0228SBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/03/2025
Supervised By :Mahesh Dadoda 03/03/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021349.D
Acq On : 27 Feb 2025 11:40
Operator : SY/MD
Sample : VY0227SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 00:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	198659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	310671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	272052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	137933	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	101944	45.236	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 90.480%			
35) Dibromofluoromethane	7.634	113	92849	45.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 91.180%			
50) Toluene-d8	10.103	98	356688	45.313	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.620%			
62) 4-Bromofluorobenzene	12.402	95	119898	45.259	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	35262	18.721	ug/l	98
3) Chloromethane	2.068	50	44619	18.343	ug/l	97
4) Vinyl Chloride	2.202	62	44508	18.642	ug/l	99
5) Bromomethane	2.586	94	29567	18.635	ug/l	100
6) Chloroethane	2.733	64	29123	19.670	ug/l	98
7) Trichlorofluoromethane	3.056	101	70391	19.522	ug/l	99
8) Diethyl Ether	3.452	74	21878	20.216	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	42182	20.206	ug/l	98
10) Methyl Iodide	4.001	142	43590	19.847	ug/l	99
11) Tert butyl alcohol	4.848	59	16710m	96.398	ug/l	
12) 1,1-Dichloroethene	3.787	96	38944	19.483	ug/l	98
13) Acrolein	3.653	56	24700	185.946	ug/l	94
14) Allyl chloride	4.379	41	65599	18.510	ug/l	99
15) Acrylonitrile	5.055	53	47280	98.811	ug/l	99
16) Acetone	3.867	43	44126	102.074	ug/l	98
17) Carbon Disulfide	4.104	76	122176	18.407	ug/l	97
18) Methyl Acetate	4.385	43	20494	19.398	ug/l	97
19) Methyl tert-butyl Ether	5.116	73	105075	19.896	ug/l	97
20) Methylene Chloride	4.616	84	48638	20.806	ug/l	94
21) trans-1,2-Dichloroethene	5.110	96	42797	19.449	ug/l	95
22) Diisopropyl ether	6.012	45	143925	19.625	ug/l	99
23) Vinyl Acetate	5.958	43	422766	96.470	ug/l	99
24) 1,1-Dichloroethane	5.915	63	79851	19.319	ug/l	97
25) 2-Butanone	6.890	43	65440	100.301	ug/l	93
26) 2,2-Dichloropropane	6.878	77	72271	19.269	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	49527	19.710	ug/l	98
28) Bromochloromethane	7.244	49	36677	20.054	ug/l	98
29) Tetrahydrofuran	7.256	42	42111	98.745	ug/l	99
30) Chloroform	7.415	83	83409	19.915	ug/l	96
31) Cyclohexane	7.695	56	72200	18.172	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	75049	19.686	ug/l	99
36) 1,1-Dichloropropene	7.835	75	59900	19.578	ug/l	99
37) Ethyl Acetate	6.982	43	29786	19.572	ug/l	98
38) Carbon Tetrachloride	7.817	117	68272	19.849	ug/l	99
39) Methylcyclohexane	9.109	83	74465	19.243	ug/l	96
40) Benzene	8.079	78	179474	19.844	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021349.D
Acq On : 27 Feb 2025 11:40
Operator : SY/MD
Sample : VY0227SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 00:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	15267	17.942	ug/l	#	90
42) 1,2-Dichloroethane	8.158	62	52390	20.417	ug/l		99
43) Isopropyl Acetate	8.195	43	58264	19.779	ug/l		99
44) Trichloroethene	8.866	130	45194	19.959	ug/l		100
45) 1,2-Dichloropropane	9.140	63	42605	19.575	ug/l		100
46) Dibromomethane	9.225	93	24136	20.287	ug/l		99
47) Bromodichloromethane	9.420	83	64023	20.183	ug/l		98
48) Methyl methacrylate	9.219	41	27400	19.891	ug/l		99
49) 1,4-Dioxane	9.225	88	5250	396.870	ug/l		95
51) 4-Methyl-2-Pentanone	10.000	43	149583	99.200	ug/l		100
52) Toluene	10.170	92	111889	19.915	ug/l		100
53) t-1,3-Dichloropropene	10.390	75	57123	19.655	ug/l		99
54) cis-1,3-Dichloropropene	9.853	75	66848	19.483	ug/l		98
55) 1,1,2-Trichloroethane	10.573	97	31392	20.255	ug/l		98
56) Ethyl methacrylate	10.438	69	42049	19.635	ug/l		99
57) 1,3-Dichloropropane	10.713	76	55897	20.553	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.707	63	101862	99.097	ug/l		98
59) 2-Hexanone	10.762	43	98713	99.680	ug/l		99
60) Dibromochloromethane	10.908	129	43397	20.559	ug/l		99
61) 1,2-Dibromoethane	11.012	107	29498	20.104	ug/l		99
64) Tetrachloroethene	10.646	164	40481	19.686	ug/l		97
65) Chlorobenzene	11.438	112	119791	19.616	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.518	131	43652	20.414	ug/l		98
67) Ethyl Benzene	11.518	91	213261	19.715	ug/l		99
68) m/p-Xylenes	11.627	106	160355	39.412	ug/l		98
69) o-Xylene	11.957	106	74908	19.653	ug/l		99
70) Styrene	11.969	104	123889	19.536	ug/l		99
71) Bromoform	12.133	173	24357	19.911	ug/l	#	95
73) Isopropylbenzene	12.255	105	202320	19.511	ug/l		99
74) N-amyl acetate	12.066	43	50118	19.015	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.505	83	37100	20.272	ug/l		98
76) 1,2,3-Trichloropropane	12.554	75	25467m	18.446	ug/l		
77) Bromobenzene	12.530	156	46970	19.474	ug/l		99
78) n-propylbenzene	12.597	91	244088	19.398	ug/l		100
79) 2-Chlorotoluene	12.682	91	141363	19.575	ug/l		100
80) 1,3,5-Trimethylbenzene	12.737	105	166093	19.529	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	12177	19.603	ug/l		99
82) 4-Chlorotoluene	12.780	91	146247	19.536	ug/l		100
83) tert-Butylbenzene	12.999	119	150694	19.615	ug/l		99
84) 1,2,4-Trimethylbenzene	13.042	105	168485	19.919	ug/l		99
85) sec-Butylbenzene	13.176	105	220676	19.665	ug/l		99
86) p-Isopropyltoluene	13.292	119	182981	19.528	ug/l		99
87) 1,3-Dichlorobenzene	13.286	146	93913	19.684	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	92534	19.632	ug/l		99
89) n-Butylbenzene	13.615	91	171802	19.483	ug/l		99
90) Hexachloroethane	13.883	117	37407	19.112	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	82600	19.760	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5991	20.694	ug/l		92
93) 1,2,4-Trichlorobenzene	14.919	180	48418	18.978	ug/l		99
94) Hexachlorobutadiene	15.023	225	30957	19.273	ug/l		99
95) Naphthalene	15.145	128	78577	18.594	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	41048	19.042	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021349.D
Acq On : 27 Feb 2025 11:40
Operator : SY/MD
Sample : VY0227SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 00:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025

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

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

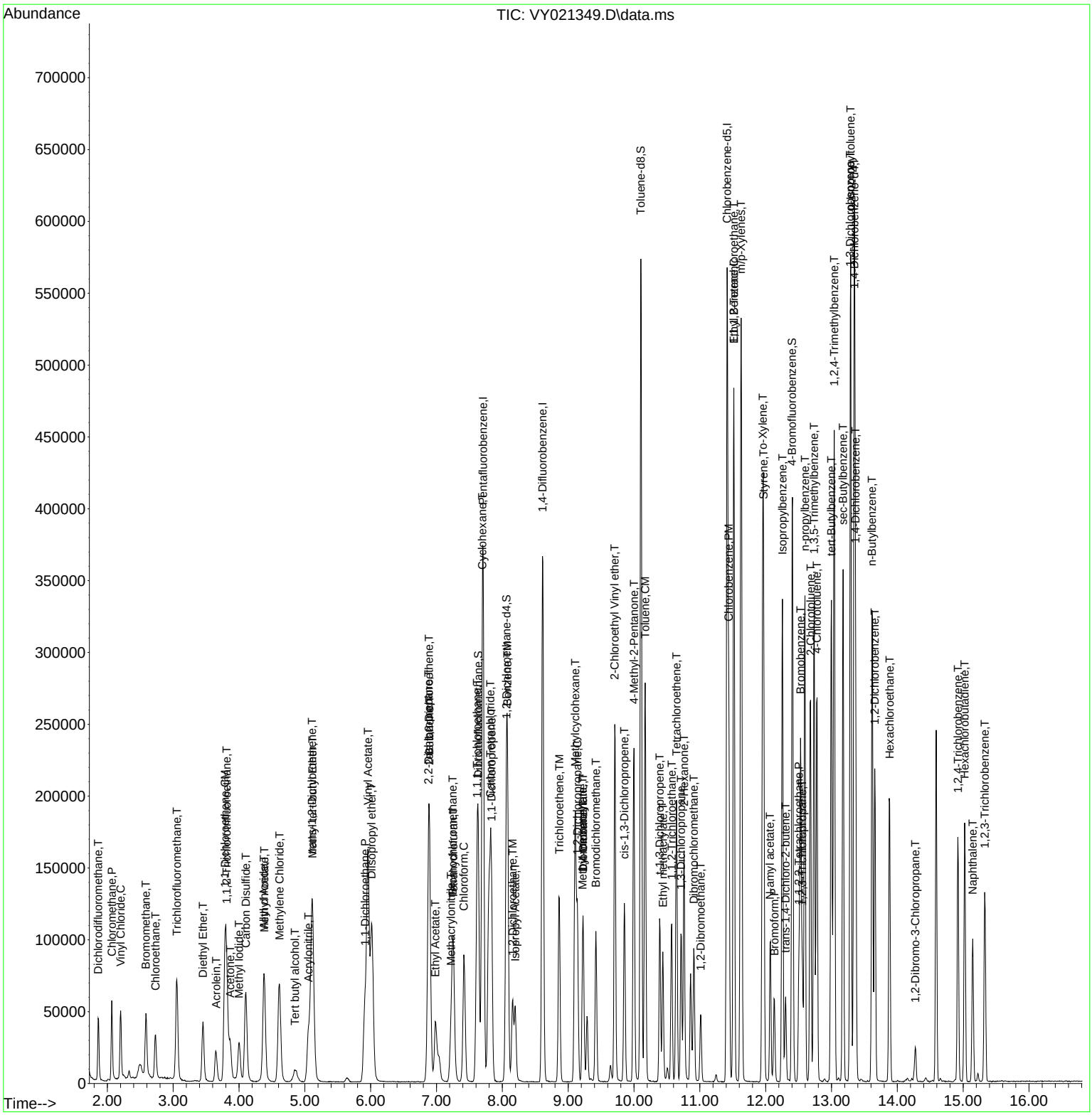
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022725\
Data File : VY021349.D
Acq On : 27 Feb 2025 11:40
Operator : SY/MD
Sample : VY0227SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 00:40:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022525S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 26 02:09:13 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0227SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/28/2025
Supervised By :Semsettin Yesilyurt 02/28/2025



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Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045068.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	1,4-Dichlorobenzene	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Carbon Tetrachloride	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Chloroethane	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Ethyl Acetate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methacrylonitrile	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC001	VX045068.D	Methyl methacrylate	JOHN	2/28/2025 10:05:09 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC005	VX045069.D	Tert butyl alcohol	JOHN	2/28/2025 10:05:14 AM	MMDadoda	2/28/2025 11:09:31 AM	Peak Integrated by Software
VSTDICC020	VX045070.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:21 AM	MMDadoda	2/28/2025 11:09:33 AM	Peak Integrated by Software
VSTDICCC050	VX045071.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:25 AM	MMDadoda	2/28/2025 11:09:35 AM	Peak Integrated by Software
VSTDICC100	VX045072.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:30 AM	MMDadoda	2/28/2025 11:09:37 AM	Peak Integrated by Software
VSTDICC150	VX045073.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:33 AM	MMDadoda	2/28/2025 11:09:42 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX045075.D	1,2,3-Trichloropropane	JOHN	2/28/2025 10:05:38 AM	MMDadoda	2/28/2025 11:09:44 AM	Peak Integrated by Software
VSTDCCC050	VX045077.D	1,2,3-Trichloropropane	JOHN	3/3/2025 8:20:45 AM	MMDadoda	3/3/2025 1:49:43 PM	Peak Integrated by Software
VSTDCCC050	VX045077.D	Tert butyl alcohol	JOHN	3/3/2025 8:20:45 AM	MMDadoda	3/3/2025 1:49:43 PM	Peak Integrated by Software
VSTDCCC050	VX045098.D	1,2,3-Trichloropropane	JOHN	3/3/2025 8:20:59 AM	MMDadoda	3/3/2025 1:49:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX030525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045127.D	1,2,3-Trichloropropane	JOHN	3/6/2025 8:19:47 AM	MMDadoda	3/6/2025 2:56:18 PM	Peak Integrated by Software
VX0305MBS01	VX045131.D	1,2,3-Trichloropropane	JOHN	3/6/2025 8:19:56 AM	MMDadoda	3/6/2025 2:56:28 PM	Peak Integrated by Software
VSTDCCC050	VX045153.D	1,2,3-Trichloropropane	JOHN	3/6/2025 8:21:33 AM	MMDadoda	3/6/2025 2:56:19 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY022525	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VY021309.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:25 AM	MMDadoda	2/26/2025 1:44:30 PM	Peak Integrated by Software
VSTDICC005	VY021309.D	Methacrylonitrile	Romaben	2/26/2025 10:45:25 AM	MMDadoda	2/26/2025 1:44:30 PM	Peak Integrated by Software
VSTDICC010	VY021310.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:29 AM	MMDadoda	2/26/2025 1:44:32 PM	Peak Integrated by Software
VSTDICC020	VY021311.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:33 AM	MMDadoda	2/26/2025 1:44:34 PM	Peak Integrated by Software
VSTDICCC050	VY021312.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:52 AM	MMDadoda	2/26/2025 1:44:36 PM	Peak Integrated by Software
VSTDICC150	VY021314.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:40 AM	MMDadoda	2/26/2025 1:44:39 PM	Peak Integrated by Software
VSTDICC100	VY021316.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:43 AM	MMDadoda	2/26/2025 1:44:41 PM	Peak Integrated by Software
VSTDICV050	VY021317.D	1,2,3-Trichloropropane	Romaben	2/26/2025 10:45:47 AM	MMDadoda	2/26/2025 1:44:42 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY022725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021346.D	1,2,3-Trichloropropane	MMDadoda	2/28/2025 11:07:30 AM	SAM	2/28/2025 11:10:54 AM	Peak Integrated by Software
VY0227SBS01	VY021348.D	1,2,3-Trichloropropane	MMDadoda	2/28/2025 11:07:33 AM	SAM	2/28/2025 11:10:55 AM	Peak Integrated by Software
VY0227SBS01	VY021348.D	Methacrylonitrile	MMDadoda	2/28/2025 11:07:33 AM	SAM	2/28/2025 11:10:55 AM	Peak Integrated by Software
VY0227SBSD01	VY021349.D	1,2,3-Trichloropropane	MMDadoda	2/28/2025 11:07:34 AM	SAM	2/28/2025 11:10:56 AM	Peak Integrated by Software
VY0227SBSD01	VY021349.D	Tert butyl alcohol	MMDadoda	2/28/2025 11:07:34 AM	SAM	2/28/2025 11:10:56 AM	Peak Integrated by Software
VSTDCCC050	VY021373.D	1,2,3-Trichloropropane	MMDadoda	2/28/2025 11:07:40 AM	SAM	2/28/2025 11:10:58 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY022825	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021375.D	1,2,3-Trichloropropane	JOHN	3/3/2025 12:11:25 PM	MMDadoda	3/3/2025 1:50:26 PM	Peak Integrated by Software
VY0228SBS01	VY021377.D	1,2,3-Trichloropropane	JOHN	3/3/2025 12:11:30 PM	MMDadoda	3/3/2025 1:50:26 PM	Peak Integrated by Software
VY0228SBS01	VY021377.D	Methacrylonitrile	JOHN	3/3/2025 12:11:30 PM	MMDadoda	3/3/2025 1:50:26 PM	Peak Integrated by Software
VSTDCCC050	VY021394.D	1,2,3-Trichloropropane	JOHN	3/3/2025 12:11:49 PM	MMDadoda	3/3/2025 1:50:32 PM	Peak Integrated by Software
VSTDCCC050	VY021394.D	Methacrylonitrile	JOHN	3/3/2025 12:11:49 PM	MMDadoda	3/3/2025 1:50:32 PM	Peak Integrated by Software

Alliance TECHNICAL GROUP
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045067.D	28 Feb 2025 01:03	JC/MD	Ok
2	VSTDICC001	VX045068.D	28 Feb 2025 01:27	JC/MD	Ok,M
3	VSTDICC005	VX045069.D	28 Feb 2025 02:13	JC/MD	Ok,M
4	VSTDICC020	VX045070.D	28 Feb 2025 02:37	JC/MD	Ok,M
5	VSTDICCC050	VX045071.D	28 Feb 2025 03:00	JC/MD	Ok,M
6	VSTDICC100	VX045072.D	28 Feb 2025 03:23	JC/MD	Ok,M
7	VSTDICC150	VX045073.D	28 Feb 2025 03:47	JC/MD	Ok,M
8	IBLK	VX045074.D	28 Feb 2025 04:10	JC/MD	Ok
9	VSTDICV050	VX045075.D	28 Feb 2025 04:33	JC/MD	Ok,M
10	BFB	VX045076.D	28 Feb 2025 10:03	JC/MD	Ok
11	VSTDCCC050	VX045077.D	28 Feb 2025 10:32	JC/MD	Ok,M
12	VX0228MBL01	VX045078.D	28 Feb 2025 11:00	JC/MD	Ok
13	VX0228WBL01	VX045079.D	28 Feb 2025 11:23	JC/MD	Ok
14	VX0228WBS01	VX045080.D	28 Feb 2025 11:46	JC/MD	Ok,M
15	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13	JC/MD	Ok,M
16	Q1401-03	VX045082.D	28 Feb 2025 12:37	JC/MD	Ok
17	Q1401-06	VX045083.D	28 Feb 2025 13:00	JC/MD	Ok
18	Q1423-01	VX045084.D	28 Feb 2025 13:23	JC/MD	Ok
19	Q1423-03	VX045085.D	28 Feb 2025 13:47	JC/MD	Ok
20	Q1403-01	VX045086.D	28 Feb 2025 14:10	JC/MD	Ok
21	Q1403-02	VX045087.D	28 Feb 2025 14:33	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1435-01	VX045088.D	28 Feb 2025 14:57	JC/MD	Ok
23	Q1403-04	VX045089.D	28 Feb 2025 15:20	JC/MD	Ok
24	Q1462-02	VX045090.D	28 Feb 2025 15:44	JC/MD	Ok
25	Q1469-01	VX045091.D	28 Feb 2025 16:07	JC/MD	Ok
26	Q1469-02	VX045092.D	28 Feb 2025 16:31	JC/MD	Ok
27	Q1469-03	VX045093.D	28 Feb 2025 16:54	JC/MD	Ok
28	Q1469-04	VX045094.D	28 Feb 2025 17:17	JC/MD	Ok
29	Q1403-03	VX045095.D	28 Feb 2025 17:41	JC/MD	Ok
30	Q1462-01	VX045096.D	28 Feb 2025 18:04	JC/MD	Ok,M
31	IBLK	VX045097.D	28 Feb 2025 18:27	JC/MD	Ok
32	VSTDCCC050	VX045098.D	28 Feb 2025 18:50	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX030525

Review By	John Carlone	Review On	3/6/2025 8:28:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/6/2025 2:56:36 PM		
SubDirectory	VX030525	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133217
Initial Calibration Stds	
CCC	VP133218,VP133219
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045126.D	05 Mar 2025 08:40	JC/MD	Ok
2	VSTDCCC050	VX045127.D	05 Mar 2025 09:12	JC/MD	Ok,M
3	VX0305MBL01	VX045128.D	05 Mar 2025 09:39	JC/MD	Ok
4	VX0305WBL01	VX045129.D	05 Mar 2025 10:03	JC/MD	Ok
5	VX0305WBS01	VX045130.D	05 Mar 2025 10:26	JC/MD	Ok,M
6	VX0305MBS01	VX045131.D	05 Mar 2025 10:53	JC/MD	Ok,M
7	Q1480-17	VX045132.D	05 Mar 2025 11:16	JC/MD	Ok
8	Q1448-04ME	VX045133.D	05 Mar 2025 11:40	JC/MD	Ok
9	IBLK	VX045134.D	05 Mar 2025 12:03	JC/MD	Ok
10	VX0305WBSD01	VX045135.D	05 Mar 2025 12:26	JC/MD	Ok,M
11	Q1478-04DL	VX045136.D	05 Mar 2025 12:50	JC/MD	Ok
12	Q1478-06DL	VX045137.D	05 Mar 2025 13:13	JC/MD	Ok
13	Q1478-02DL	VX045138.D	05 Mar 2025 13:36	JC/MD	Not Ok
14	Q1478-08	VX045139.D	05 Mar 2025 13:59	JC/MD	Not Ok
15	VX0305MBSD01	VX045140.D	05 Mar 2025 14:23	JC/MD	Ok,M
16	Q1448-04MEDL	VX045141.D	05 Mar 2025 14:46	JC/MD	Not Ok
17	IBLK	VX045142.D	05 Mar 2025 15:09	JC/MD	Ok
18	Q1478-08	VX045143.D	05 Mar 2025 15:32	JC/MD	Not Ok
19	Q1478-02DL	VX045144.D	05 Mar 2025 15:56	JC/MD	Ok
20	Q1478-08	VX045145.D	05 Mar 2025 16:19	JC/MD	Ok
21	Q1501-03	VX045146.D	05 Mar 2025 16:42	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX030525

Review By	John Carlone	Review On	3/6/2025 8:28:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/6/2025 2:56:36 PM		
SubDirectory	VX030525	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133217
Initial Calibration Stds	
CCC	VP133218,VP133219
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1501-07	VX045147.D	05 Mar 2025 17:05	JC/MD	Ok
23	Q1501-04	VX045148.D	05 Mar 2025 17:28	JC/MD	Not Ok
24	Q1488-15	VX045149.D	05 Mar 2025 17:52	JC/MD	Ok
25	Q1488-13	VX045150.D	05 Mar 2025 18:15	JC/MD	Ok
26	Q1488-14	VX045151.D	05 Mar 2025 18:38	JC/MD	Dilution
27	Q1494-01	VX045152.D	05 Mar 2025 19:01	JC/MD	ReRun
28	VSTDCCC050	VX045153.D	05 Mar 2025 19:24	JC/MD	Ok,M

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022525

Review By	Mahesh Dadoda	Review On	2/26/2025 1:45:35 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/26/2025 1:46:55 PM		
SubDirectory	VY022525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y022525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133154
Initial Calibration Stds	VP133137,VP133140,VP133143,VP133146,VP133147,VP133149
CCC	
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133150
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021308.D	25 Feb 2025 12:10	SY/MD	Ok
2	VSTDICC005	VY021309.D	25 Feb 2025 12:40	SY/MD	Ok,M
3	VSTDICC010	VY021310.D	25 Feb 2025 13:03	SY/MD	Ok,M
4	VSTDICC020	VY021311.D	25 Feb 2025 13:26	SY/MD	Ok,M
5	VSTDICCC050	VY021312.D	25 Feb 2025 14:48	SY/MD	Ok,M
6	VSTDICC100	VY021313.D	25 Feb 2025 15:34	SY/MD	Not Ok
7	VSTDICC150	VY021314.D	25 Feb 2025 15:57	SY/MD	Ok,M
8	VIBLK	VY021315.D	25 Feb 2025 16:24	SY/MD	Ok
9	VSTDICC100	VY021316.D	25 Feb 2025 16:49	SY/MD	Ok,M
10	VSTDICV050	VY021317.D	25 Feb 2025 17:31	SY/MD	Ok,M
11	VIBLK	VY021318.D	25 Feb 2025 17:54	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022725

Review By	Mahesh Dadoda	Review On	2/28/2025 11:07:46 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:02 AM		
SubDirectory	VY022725	HP Acquire Method		HP Processing Method	82y022225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133167
Initial Calibration Stds	VP133165,VP133166
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021345.D	27 Feb 2025 09:41	SY/MD	Ok
2	VSTDCCC050	VY021346.D	27 Feb 2025 10:13	SY/MD	Ok,M
3	VY0227SBL01	VY021347.D	27 Feb 2025 10:42	SY/MD	Ok
4	VY0227SBS01	VY021348.D	27 Feb 2025 11:18	SY/MD	Ok,M
5	VY0227SBSD01	VY021349.D	27 Feb 2025 11:40	SY/MD	Ok,M
6	Q1428-01	VY021350.D	27 Feb 2025 12:04	SY/MD	ReRun
7	Q1442-03	VY021351.D	27 Feb 2025 12:28	SY/MD	Ok
8	Q1416-01RE	VY021352.D	27 Feb 2025 12:51	SY/MD	Confirms
9	Q1428-01RE	VY021353.D	27 Feb 2025 13:14	SY/MD	Confirms
10	Q1418-01	VY021354.D	27 Feb 2025 13:38	SY/MD	Not Ok
11	Q1415-03RE	VY021355.D	27 Feb 2025 14:01	SY/MD	Confirms
12	Q1422-02	VY021356.D	27 Feb 2025 14:25	SY/MD	ReRun
13	Q1422-01	VY021357.D	27 Feb 2025 14:48	SY/MD	ReRun
14	Q1421-09	VY021358.D	27 Feb 2025 15:12	SY/MD	ReRun
15	Q1421-07	VY021359.D	27 Feb 2025 15:35	SY/MD	ReRun
16	Q1421-01	VY021360.D	27 Feb 2025 15:58	SY/MD	Ok
17	Q1427-01RE	VY021361.D	27 Feb 2025 16:22	SY/MD	Confirms
18	Q1420-07	VY021362.D	27 Feb 2025 16:45	SY/MD	Ok
19	Q1411-03	VY021363.D	27 Feb 2025 17:09	SY/MD	Not Ok
20	Q1411-01	VY021364.D	27 Feb 2025 17:32	SY/MD	Ok
21	Q1440-01	VY021365.D	27 Feb 2025 17:55	SY/MD	ReRun

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022725

Review By	Mahesh Dadoda	Review On	2/28/2025 11:07:46 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:02 AM		
SubDirectory	VY022725	HP Acquire Method		HP Processing Method	82y022225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133167
Initial Calibration Stds	VP133165,VP133166
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1448-01	VY021366.D	27 Feb 2025 18:19	SY/MD	ReRun
23	Q1448-02	VY021367.D	27 Feb 2025 18:42	SY/MD	ReRun
24	Q1448-03	VY021368.D	27 Feb 2025 19:06	SY/MD	ReRun
25	Q1448-04	VY021369.D	27 Feb 2025 19:29	SY/MD	Dilution
26	Q1448-05	VY021370.D	27 Feb 2025 19:52	SY/MD	ReRun
27	Q1421-02MS	VY021371.D	27 Feb 2025 20:15	SY/MD	Ok,M
28	Q1421-03MSD	VY021372.D	27 Feb 2025 20:38	SY/MD	Ok,M
29	VSTDCCC050	VY021373.D	27 Feb 2025 21:01	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022825

Review By	John Carlone	Review On	3/3/2025 12:12:17 PM				
Supervise By	Mahesh Dadoda	Supervise On	3/3/2025 1:51:10 PM				
SubDirectory	VY022825	HP Acquire Method	MSVOA_Y		HP Processing Method	82y022525s.m	

STD. NAME	STD REF.#
Tune/Reschk	VP133182
Initial Calibration Stds	
CCC	VP133183,VP133184
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021374.D	28 Feb 2025 09:03	SY/MD	Ok
2	VSTDCCC050	VY021375.D	28 Feb 2025 09:44	SY/MD	Ok,M
3	VY0228SBL01	VY021376.D	28 Feb 2025 10:59	SY/MD	Ok
4	VY0228SBS01	VY021377.D	28 Feb 2025 11:32	SY/MD	Ok,M
5	VY0228SBSD01	VY021378.D	28 Feb 2025 11:55	SY/MD	Ok,M
6	Q1421-07RE	VY021379.D	28 Feb 2025 12:56	SY/MD	Confirms
7	Q1422-01RE	VY021380.D	28 Feb 2025 13:20	SY/MD	Confirms
8	Q1422-02	VY021381.D	28 Feb 2025 15:31	SY/MD	Ok
9	Q1448-01RE	VY021382.D	28 Feb 2025 15:55	SY/MD	Confirms
10	Q1448-02RE	VY021383.D	28 Feb 2025 16:18	SY/MD	Confirms
11	Q1448-03RE	VY021384.D	28 Feb 2025 16:41	SY/MD	Confirms
12	Q1448-05RE	VY021385.D	28 Feb 2025 17:05	SY/MD	Confirms
13	Q1440-01	VY021386.D	28 Feb 2025 17:28	SY/MD	Ok
14	Q1441-01	VY021387.D	28 Feb 2025 17:52	SY/MD	ReRun
15	Q1458-02	VY021388.D	28 Feb 2025 18:15	SY/MD	Ok,M
16	Q1463-01	VY021389.D	28 Feb 2025 18:38	SY/MD	ReRun
17	Q1457-01	VY021390.D	28 Feb 2025 19:02	SY/MD	Ok
18	Q1463-03	VY021391.D	28 Feb 2025 19:25	SY/MD	ReRun
19	Q1463-04	VY021392.D	28 Feb 2025 19:49	SY/MD	ReRun
20	Q1463-05	VY021393.D	28 Feb 2025 20:12	SY/MD	ReRun
21	VSTDCCC050	VY021394.D	28 Feb 2025 20:35	SY/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045067.D	28 Feb 2025 01:03		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX045068.D	28 Feb 2025 01:27		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX045069.D	28 Feb 2025 02:13		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX045070.D	28 Feb 2025 02:37		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX045071.D	28 Feb 2025 03:00		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX045072.D	28 Feb 2025 03:23		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX045073.D	28 Feb 2025 03:47		JC/MD	Ok,M
8	IBLK	IBLK	VX045074.D	28 Feb 2025 04:10		JC/MD	Ok
9	VSTDICV050	ICVVX022825	VX045075.D	28 Feb 2025 04:33		JC/MD	Ok,M
10	BFB	BFB	VX045076.D	28 Feb 2025 10:03		JC/MD	Ok
11	VSTDCCC050	VSTDCCC050	VX045077.D	28 Feb 2025 10:32	V12668	JC/MD	Ok,M
12	VX0228MBL01	VX0228MBL01	VX045078.D	28 Feb 2025 11:00		JC/MD	Ok
13	VX0228WBL01	VX0228WBL01	VX045079.D	28 Feb 2025 11:23		JC/MD	Ok
14	VX0228WBS01	VX0228WBS01	VX045080.D	28 Feb 2025 11:46		JC/MD	Ok,M
15	VX0228WBSD01	VX0228WBSD01	VX045081.D	28 Feb 2025 12:13		JC/MD	Ok,M
16	Q1401-03	BP-VPB-192-GW-840-8	VX045082.D	28 Feb 2025 12:37	vial B pH<2	JC/MD	Ok
17	Q1401-06	BP-VPB-192-GW-900-9	VX045083.D	28 Feb 2025 13:00	vial B pH<2	JC/MD	Ok
18	Q1423-01	BP-VPB-192-TB-20250	VX045084.D	28 Feb 2025 13:23	vial B pH<2 TB	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

Review By	Mahesh Dadoda	Review On	2/28/2025 11:09:50 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:09 AM		
SubDirectory	VX022825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133187,VP133189
Initial Calibration Stds	VP133194,VP133195,VP133196,VP133197,VP133198,VP133199
CCC	VP133188,VP133190
Internal Standard/PEM	
ICV/I.BLK	VP133200
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1423-03	BP-VPB-192-EB-20250	VX045085.D	28 Feb 2025 13:47	vial B pH<2 EB	JC/MD	Ok
20	Q1403-01	Storage-Blank-SOIL-RE	VX045086.D	28 Feb 2025 14:10	vial B pH<2	JC/MD	Ok
21	Q1403-02	Storage-Blank-WATER-	VX045087.D	28 Feb 2025 14:33	vial B pH<2	JC/MD	Ok
22	Q1435-01	286107	VX045088.D	28 Feb 2025 14:57	vial A pH<2	JC/MD	Ok
23	Q1403-04	Storage-Blank-SAMPLE	VX045089.D	28 Feb 2025 15:20	vial B pH<2	JC/MD	Ok
24	Q1462-02	FB	VX045090.D	28 Feb 2025 15:44	vial A pH<2 FB	JC/MD	Ok
25	Q1469-01	Storage-Blank-SOIL-RE	VX045091.D	28 Feb 2025 16:07	vial A pH<2	JC/MD	Ok
26	Q1469-02	Storage-Blank-WATER-	VX045092.D	28 Feb 2025 16:31	vial A pH<2	JC/MD	Ok
27	Q1469-03	Storage-Blank-WATER-	VX045093.D	28 Feb 2025 16:54	vial A pH<2	JC/MD	Ok
28	Q1469-04	Storage-Blank-SAMPLE	VX045094.D	28 Feb 2025 17:17	vial A pH<2	JC/MD	Ok
29	Q1403-03	Storage-Blank-WATER-	VX045095.D	28 Feb 2025 17:41	vial B pH<2	JC/MD	Ok
30	Q1462-01	MW2	VX045096.D	28 Feb 2025 18:04	vial A pH<2	JC/MD	Ok,M
31	IBLK	IBLK	VX045097.D	28 Feb 2025 18:27		JC/MD	Ok
32	VSTDCCC050	VSTDCCC050EC	VX045098.D	28 Feb 2025 18:50		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX030525

Review By	John Carlone	Review On	3/6/2025 8:28:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/6/2025 2:56:36 PM		
SubDirectory	VX030525	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133217
Initial Calibration Stds	
CCC	VP133218,VP133219
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	VX045126.D	05 Mar 2025 08:40		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045127.D	05 Mar 2025 09:12	pH#Lot#V12668	JC/MD	Ok,M
3	VX0305MBL01	VX0305MBL01	VX045128.D	05 Mar 2025 09:39		JC/MD	Ok
4	VX0305WBL01	VX0305WBL01	VX045129.D	05 Mar 2025 10:03		JC/MD	Ok
5	VX0305WBS01	VX0305WBS01	VX045130.D	05 Mar 2025 10:26		JC/MD	Ok,M
6	VX0305MBS01	VX0305MBS01	VX045131.D	05 Mar 2025 10:53		JC/MD	Ok,M
7	Q1480-17	TP-3	VX045132.D	05 Mar 2025 11:16		JC/MD	Ok
8	Q1448-04ME	P3ME	VX045133.D	05 Mar 2025 11:40		JC/MD	Ok
9	IBLK	IBLK	VX045134.D	05 Mar 2025 12:03		JC/MD	Ok
10	VX0305WBSD01	VX0305WBSD01	VX045135.D	05 Mar 2025 12:26		JC/MD	Ok,M
11	Q1478-04DL	IDW-AQ-DRUM-616-02	VX045136.D	05 Mar 2025 12:50	vial B pH<2	JC/MD	Ok
12	Q1478-06DL	IDW-AQ-DRUM-614-02	VX045137.D	05 Mar 2025 13:13	vial B pH<2	JC/MD	Ok
13	Q1478-02DL	IDW-AQ-DRUM-610-02	VX045138.D	05 Mar 2025 13:36	Not req.	JC/MD	Not Ok
14	Q1478-08	IDW-AQ-DRUM-612-02	VX045139.D	05 Mar 2025 13:59	Need lower dilution	JC/MD	Not Ok
15	VX0305MBSD01	VX0305MBSD01	VX045140.D	05 Mar 2025 14:23		JC/MD	Ok,M
16	Q1448-04MEDL	P3MEDL	VX045141.D	05 Mar 2025 14:46	Not req.	JC/MD	Not Ok
17	IBLK	IBLK	VX045142.D	05 Mar 2025 15:09		JC/MD	Ok
18	Q1478-08	IDW-AQ-DRUM-612-02	VX045143.D	05 Mar 2025 15:32	Need lower dilution	JC/MD	Not Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX030525

Review By	John Carlone	Review On	3/6/2025 8:28:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/6/2025 2:56:36 PM		
SubDirectory	VX030525	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133217
Initial Calibration Stds	
CCC	VP133218,VP133219
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1478-02DL	IDW-AQ-DRUM-610-02	VX045144.D	05 Mar 2025 15:56	vial B pH<2	JC/MD	Ok
20	Q1478-08	IDW-AQ-DRUM-612-02	VX045145.D	05 Mar 2025 16:19	vial A pH<2	JC/MD	Ok
21	Q1501-03	EB01-030525	VX045146.D	05 Mar 2025 16:42	vial A pH<2 EB	JC/MD	Ok
22	Q1501-07	TB01-030525	VX045147.D	05 Mar 2025 17:05	vial A pH<2 TB	JC/MD	Ok
23	Q1501-04	BR-05-465-030525	VX045148.D	05 Mar 2025 17:28	Need Straight Run	JC/MD	Not Ok
24	Q1488-15	TB03042025	VX045149.D	05 Mar 2025 17:52	vial A pH<2 TB	JC/MD	Ok
25	Q1488-13	ENV-102-GW01	VX045150.D	05 Mar 2025 18:15	vial A pH<2	JC/MD	Ok
26	Q1488-14	ENV-104-GW01	VX045151.D	05 Mar 2025 18:38	vial A pH<2 Need 4X	JC/MD	Dilution
27	Q1494-01	PURGE-WATER	VX045152.D	05 Mar 2025 19:01	vial A pH<2 E flag in previous sample	JC/MD	ReRun
28	VSTDCCC050	VSTDCCC050EC	VX045153.D	05 Mar 2025 19:24		JC/MD	Ok,M

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022525

Review By	Mahesh Dadoda	Review On	2/26/2025 1:45:35 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/26/2025 1:46:55 PM		
SubDirectory	VY022525	HP Acquire Method	MSVOA_Y	HP Processing Method	82y022525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133154
Initial Calibration Stds	VP133137,VP133140,VP133143,VP133146,VP133147,VP133149
CCC	
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133150
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021308.D	25 Feb 2025 12:10		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021309.D	25 Feb 2025 12:40		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VY021310.D	25 Feb 2025 13:03		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021311.D	25 Feb 2025 13:26	Acrolein fail for method	SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021312.D	25 Feb 2025 14:48		SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021313.D	25 Feb 2025 15:34	Not used	SY/MD	Not Ok
7	VSTDICC150	VSTDICC150	VY021314.D	25 Feb 2025 15:57		SY/MD	Ok,M
8	VIBLK	VIBLK	VY021315.D	25 Feb 2025 16:24		SY/MD	Ok
9	VSTDICC100	VSTDICC100	VY021316.D	25 Feb 2025 16:49		SY/MD	Ok,M
10	VSTDICV050	ICVVY022525	VY021317.D	25 Feb 2025 17:31	ICV Failed for comp. #10	SY/MD	Ok,M
11	VIBLK	VIBLK	VY021318.D	25 Feb 2025 17:54		SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022725

Review By	Mahesh Dadoda	Review On	2/28/2025 11:07:46 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:02 AM		
SubDirectory	VY022725	HP Acquire Method		HP Processing Method	82y022225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133167
Initial Calibration Stds	VP133165,VP133166
CCC	
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	VY021345.D	27 Feb 2025 09:41		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021346.D	27 Feb 2025 10:13		SY/MD	Ok,M
3	VY0227SBL01	VY0227SBL01	VY021347.D	27 Feb 2025 10:42		SY/MD	Ok
4	VY0227SBS01	VY0227SBS01	VY021348.D	27 Feb 2025 11:18		SY/MD	Ok,M
5	VY0227SBSD01	VY0227SBSD01	VY021349.D	27 Feb 2025 11:40		SY/MD	Ok,M
6	Q1428-01	NB-07-022525	VY021350.D	27 Feb 2025 12:04	Vial-A ISTD Fail	SY/MD	ReRun
7	Q1442-03	351	VY021351.D	27 Feb 2025 12:28	Vial-A	SY/MD	Ok
8	Q1416-01RE	OK-01-022425RE	VY021352.D	27 Feb 2025 12:51	Vial-B ISTD Fail	SY/MD	Confirms
9	Q1428-01RE	NB-07-022525RE	VY021353.D	27 Feb 2025 13:14	Vial-B Internal Standard Fail	SY/MD	Confirms
10	Q1418-01	TR-06-02242025	VY021354.D	27 Feb 2025 13:38	Vial-B Not purge	SY/MD	Not Ok
11	Q1415-03RE	B-163-SB02RE	VY021355.D	27 Feb 2025 14:01	Vial-B Internal standard fail;Not match for com.#20	SY/MD	Confirms
12	Q1422-02	B-154-SB02	VY021356.D	27 Feb 2025 14:25	Vial-A Internal standard fail	SY/MD	ReRun
13	Q1422-01	B-154-SB01	VY021357.D	27 Feb 2025 14:48	Vial-A Internal standard fail	SY/MD	ReRun
14	Q1421-09	P001-CLAY-CF02-01	VY021358.D	27 Feb 2025 15:12	Internal Standard Fail	SY/MD	ReRun
15	Q1421-07	P001-CLAY-CF01-02	VY021359.D	27 Feb 2025 15:35	Vial-A Internal standard fail	SY/MD	ReRun
16	Q1421-01	P001-CLAY-CF01-01	VY021360.D	27 Feb 2025 15:58	Vial-A Internal standard fail	SY/MD	Ok
17	Q1427-01RE	VNJ-227RE	VY021361.D	27 Feb 2025 16:22	Vial-B Internal standard fail;Surrogate fail	SY/MD	Confirms

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022725

Review By	Mahesh Dadoda	Review On	2/28/2025 11:07:46 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	2/28/2025 11:11:02 AM		
SubDirectory	VY022725	HP Acquire Method		HP Processing Method	82y022225s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133167
Initial Calibration Stds	VP133165,VP133166
CCC	
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1420-07	TP-2-WC-VOC	VY021362.D	27 Feb 2025 16:45	Vial-B	SY/MD	Ok
19	Q1411-03	HR-03-02212025	VY021363.D	27 Feb 2025 17:09	Vial-B Not purge	SY/MD	Not Ok
20	Q1411-01	HR-02-02212025	VY021364.D	27 Feb 2025 17:32	Vial-B Internal standard fail	SY/MD	Ok
21	Q1440-01	OR-02-022625	VY021365.D	27 Feb 2025 17:55	Vial-A Internal standard fail	SY/MD	ReRun
22	Q1448-01	PSP1	VY021366.D	27 Feb 2025 18:19	Vial-A Internal standard fail	SY/MD	ReRun
23	Q1448-02	P1	VY021367.D	27 Feb 2025 18:42	Vial-A Internal standard fail	SY/MD	ReRun
24	Q1448-03	P2	VY021368.D	27 Feb 2025 19:06	Vial-A Internal standard fail	SY/MD	ReRun
25	Q1448-04	P3	VY021369.D	27 Feb 2025 19:29	Vial-A Internal standard fail;Need MeOH	SY/MD	Dilution
26	Q1448-05	P4	VY021370.D	27 Feb 2025 19:52	Vial-A Internal standard fail	SY/MD	ReRun
27	Q1421-02MS	P001-CLAY-CF01-01M	VY021371.D	27 Feb 2025 20:15	Vial-A Internal standard fail	SY/MD	Ok,M
28	Q1421-03MSD	P001-CLAY-CF01-01M	VY021372.D	27 Feb 2025 20:38	Vial-A Internal standard fail	SY/MD	Ok,M
29	VSTDCCC050	VSTDCCC050EC	VY021373.D	27 Feb 2025 21:01		SY/MD	Ok,M

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022825

Review By	John Carlone	Review On	3/3/2025 12:12:17 PM		
Supervise By	Mahesh Dadoda	Supervise On	3/3/2025 1:51:10 PM		
SubDirectory	VY022825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y022525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133182
Initial Calibration Stds	
CCC	VP133183,VP133184
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021374.D	28 Feb 2025 09:03		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021375.D	28 Feb 2025 09:44	CCAL failed low for comp. #11; CCAL failed high for comp. #16	SY/MD	Ok,M
3	VY0228SBL01	VY0228SBL01	VY021376.D	28 Feb 2025 10:59		SY/MD	Ok
4	VY0228SBS01	VY0228SBS01	VY021377.D	28 Feb 2025 11:32		SY/MD	Ok,M
5	VY0228SBSD01	VY0228SBSD01	VY021378.D	28 Feb 2025 11:55		SY/MD	Ok,M
6	Q1421-07RE	P001-CLAY-CF01-02RE	VY021379.D	28 Feb 2025 12:56	Vial-B Internal Standard Fail	SY/MD	Confirms
7	Q1422-01RE	B-154-SB01RE	VY021380.D	28 Feb 2025 13:20	Vial-B Internal Standard Fail	SY/MD	Confirms
8	Q1422-02	B-154-SB02	VY021381.D	28 Feb 2025 15:31	Vial-B	SY/MD	Ok
9	Q1448-01RE	PSP1RE	VY021382.D	28 Feb 2025 15:55	Vial-B CCAL failed low for comp. #11	SY/MD	Confirms
10	Q1448-02RE	P1RE	VY021383.D	28 Feb 2025 16:18	Vial-B CCAL failed low for comp. #11	SY/MD	Confirms
11	Q1448-03RE	P2RE	VY021384.D	28 Feb 2025 16:41	Vial-B CCAL failed low for comp. #11;Not match for comp. #20	SY/MD	Confirms
12	Q1448-05RE	P4RE	VY021385.D	28 Feb 2025 17:05	Vial-B CCAL failed low for comp. #11; CCAL failed high for comp. #16;Not match for comp. #11,16,20	SY/MD	Confirms
13	Q1440-01	OR-02-022625	VY021386.D	28 Feb 2025 17:28	Vial-B	SY/MD	Ok
14	Q1441-01	HD-02-022625	VY021387.D	28 Feb 2025 17:52	Vial-B Internal Standard Fail	SY/MD	ReRun
15	Q1458-02	SP-SOIL-VOC	VY021388.D	28 Feb 2025 18:15	vial-A	SY/MD	Ok,M

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY022825

Review By	John Carlone	Review On	3/3/2025 12:12:17 PM		
Supervise By	Mahesh Dadoda	Supervise On	3/3/2025 1:51:10 PM		
SubDirectory	VY022825	HP Acquire Method	MSVOA_Y	HP Processing Method	82y022525s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133182
Initial Calibration Stds	
CCC	VP133183,VP133184
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

16	Q1463-01	T1	VY021389.D	28 Feb 2025 18:38	Vial-A CCAL failed low for comp. #11	SY/MD	ReRun
17	Q1457-01	HR-0-02272025	VY021390.D	28 Feb 2025 19:02	Vial-A	SY/MD	Ok
18	Q1463-03	T3	VY021391.D	28 Feb 2025 19:25	Vial-A Internal Standard Fail; CCAL failed low for comp. #11; CCAL failed high for comp.#16	SY/MD	ReRun
19	Q1463-04	T4	VY021392.D	28 Feb 2025 19:49	Vial-A CCAL failed low for comp. #11	SY/MD	ReRun
20	Q1463-05	T5	VY021393.D	28 Feb 2025 20:12	Vial-A Internal Standard Fail; CCAL failed low for comp. #11; CCAL failed high for comp.#16	SY/MD	ReRun
21	VSTDCCC050	VSTDCCC050EC	VY021394.D	28 Feb 2025 20:35		SY/MD	Ok,M

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q1448	**OrderDate:**	2/26/2025 2:42:13 PM
Client:	G Environmental	**Project:**	Fisal
Contact:	Gary Landis	**Location:**	H33,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1448-01	**PSP1**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			02/27/25	
Q1448-01RE	**PSP1RE**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			02/28/25	
Q1448-02	**P1**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			02/27/25	
Q1448-02RE	**P1RE**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			02/28/25	
Q1448-03	**P2**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			02/27/25	
Q1448-03RE	**P2RE**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			02/28/25	
Q1448-04	**P3**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			02/27/25	
Q1448-04ME	**P3ME**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			03/05/25	
Q1448-05	**P4**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			02/27/25	
Q1448-05RE	**P4RE**	**SOIL**			**02/26/25**			**02/26/25**
			VOCMS Group2	8260D			02/28/25	

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO. Q1448
QUOTE NO.
COC Number 2046142

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO: COMPANY: G Environmental	PROJECT NAME: FISAL	BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage	PROJECT NO.: LOCATION:	ADDRESS: 8 Carriage
CITY Succasunna STATE NJ ZIP: 0787	PROJECT MANAGER: GL	CITY Succasunna STATE: NJ ZIP:
ATTENTION:	e-mail: gary@g-environmental	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) ______ DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: ______ 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) ☒ NJ Reduced ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
- ☐ Other
- ☒ EDD FORMAT hazsite NJ-DKQP

Analysis: 1. Vol Ammo RBX

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	COMP	GRAB	DATE	TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	DSP1	Soil		X	2/26/25	1225	5	X									
2.	P1					1230		X									
3.	P2					1220		X									
4.	P3					1245		X									
5.	P4	Soil		X	2/26/25	1300	5	X									
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: ← Specify Preservatives: A-HCl, B-HNO3, C-H2SO4, D-NaOH, E-ICE, F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	2.26.25 1415	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: [signature]

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

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1448 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 2/26/2025 2:42:13 PM
Project Name : Fisal
Receive DateTime : 2/26/2025 2:15:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ NJ Reduce
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1448-01	PSP1	Solid	~~02/25/2025~~ 02/26/2025	12:25	VOCMS Group2		8260D		10 Bus. Days
Q1448-02	P1	Solid	~~02/25/2025~~	12:30	VOCMS Group2		8260D		10 Bus. Days
Q1448-03	P2	Solid	~~02/25/2025~~	12:20	VOCMS Group2		8260D		10 Bus. Days
Q1448-04	P3	Solid	~~02/25/2025~~	12:45	VOCMS Group2		8260D		10 Bus. Days
Q1448-05	P4	Solid	~~02/25/2025~~	13:00	VOCMS Group2		8260D		10 Bus. Days

Relinguished By :
Date / Time : 2-26-25 1505

Received By :
Date / Time : 02/26/25 15:05

Storage Area : VOA Refridgerator Room

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1449 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 2/26/2025 2:43:35 PM
Project Name : 3015G
Receive DateTime : 2/26/2025 2:15:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level I~~ NJ Reduce
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1449-01	MW2	Water	02/25/2025	13:55					
					VOCMS Group2		8260-Low		10 Bus. Days

Relinquished By : N
Date / Time : 2-26-25 1505

Received By : Sean
Date / Time : 02/26/25 15:15 Rel 4

Storage Area : VOA Refridgerator Room