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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : FISAL

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1463

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1463

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) : Q1463

Sampling Date(s) : 2/27/2025

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 : Q1463

Project ID : Fisal

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1463-01	T1
Q1463-02	T2
Q1463-03	T3
Q1463-04	T4
Q1463-05	T5
Q1463-06	T6
Q1463-07	T7
Q1463-08	T8
Q1463-09	T9
Q1463-10	T10

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

Signature : _____

Date: 3/13/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Fisal
Project # N/A
Chemtech Project # Q1463
Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:
10 Solid samples were received on 02/27/2025.

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 performed on instrument MSVOA_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, 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
T3 [4-Bromofluorobenzene - 67%],
T8 [4-Bromofluorobenzene - 69%] these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82Y030425S.M) for Tert butyl alcohol is passing on Linear Regression.

The Continuous Calibration File ID VY021474.D met the requirements except for 1,2-Dichloroethane-d4,Dibromofluoromethane and Toluene-d8 which is not our target compound, therefore no corrective action taken.
.
The Tuning criteria met requirements.

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

Signature_____

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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 #: Q1463

	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:** 03/13/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1463

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**T2**								
Q1463-02	T2	SOIL	Methylene Chloride		11.6		2.90	8.40	ug/Kg
Q1463-02	T2	SOIL	Toluene		6.60		0.56	4.20	ug/Kg
Q1463-02	T2	SOIL	Ethyl Benzene		1.40	J	0.52	4.20	ug/Kg
Q1463-02	T2	SOIL	m/p-Xylenes		9.20		1.10	8.40	ug/Kg
Q1463-02	T2	SOIL	o-Xylene		3.50	J	0.59	4.20	ug/Kg
			Total Voc :		32.3				
Q1463-02	T2	SOIL	Dimethyl ether	*	90.1	J	0	0	ug/Kg
Q1463-02	T2	SOIL	Boric acid, trimethyl ester	*	100	J	0	0	ug/Kg
Q1463-02	T2	SOIL	Bis(2-chloroethyl) sulfone	*	7.50	J	0	0	ug/Kg
Q1463-02	T2	SOIL	Benzene, 1,4-difluoro-	*	15.8	J	0	0	ug/Kg
Q1463-02	T2	SOIL	Benzene, 1-ethyl-3-methyl-	*	4.50	J	0	0	ug/Kg
Q1463-02	T2	SOIL	1,3,5-Trimethylbenzene	*	1.80	J	0.54	4.20	ug/Kg
Q1463-02	T2	SOIL	1,2,4-Trimethylbenzene	*	3.10	J	1.10	4.20	ug/Kg
Q1463-02	T2	SOIL	Naphthalene	*	2.10	J	1.20	4.20	ug/Kg
Q1463-02	T2	SOIL	Methyl Iodide	*	6.90	J	0.67	4.20	ug/Kg
			Total Tics :		232				
			Total Concentration:		264				
Client ID:	**T3**								
Q1463-03	T3	SOIL	Benzene		6.00		0.74	5.10	ug/Kg
Q1463-03	T3	SOIL	Toluene		11.8		0.69	5.10	ug/Kg
Q1463-03	T3	SOIL	Tetrachloroethene		1.50	J	0.91	5.10	ug/Kg
Q1463-03	T3	SOIL	Ethyl Benzene		3.50	J	0.63	5.10	ug/Kg
Q1463-03	T3	SOIL	m/p-Xylenes		18.6		1.40	10.2	ug/Kg
Q1463-03	T3	SOIL	o-Xylene		8.70		0.72	5.10	ug/Kg
			Total Voc :		50.1				
Q1463-03	T3	SOIL	Octane	*	5.10	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Dimethyl ether	*	57.8	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Boric acid, trimethyl ester	*	61.4	J	0	0	ug/Kg
Q1463-03	T3	SOIL	.beta.-Pinene	*	8.20	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Heptane	*	7.90	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Pentane, 2,2,4-trimethyl-	*	21.2	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Pentane, 2,3,4-trimethyl-	*	14.3	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Hexane, 3-methyl-	*	7.10	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Heptane, 3-methyl-	*	5.70	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Benzene, 1-ethyl-2-methyl-	*	9.80	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Hexane, 2,3,4-trimethyl-	*	21.7	J	0	0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1463

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q1463-03	T3	SOIL	Benzene, 1-methyl-4-propyl-	*	8.80	J	0	0	ug/Kg
Q1463-03	T3	SOIL	10-Methylnonadecane	*	6.40	J	0	0	ug/Kg
Q1463-03	T3	SOIL	Methylcyclohexane	*	4.80	J	0.89	5.10	ug/Kg
Q1463-03	T3	SOIL	Isopropylbenzene	*	1.40	J	0.69	5.10	ug/Kg
Q1463-03	T3	SOIL	n-propylbenzene	*	1.40	J	0.65	5.10	ug/Kg
Q1463-03	T3	SOIL	1,3,5-Trimethylbenzene	*	4.10	J	0.65	5.10	ug/Kg
Q1463-03	T3	SOIL	1,2,4-Trimethylbenzene	*	7.20	J	1.40	5.10	ug/Kg
Q1463-03	T3	SOIL	Naphthalene	*	2.80	J	1.50	5.10	ug/Kg
			Total Tics :		257				
			Total Concentration:		307				
Client ID:	**T4**								
Q1463-04	T4	SOIL	Butane, 2,2,3,3-tetramethyl-	*	5.10	J	0	0	ug/Kg
Q1463-04	T4	SOIL	Methylcyclohexane	*	0.96	J	0.76	4.40	ug/Kg
			Total Tics :		6.06				
			Total Concentration:		6.06				
Client ID:	**T5**								
Q1463-05	T5	SOIL	11H-Dibenzo[b,e][1,4]diazepin	*	5.00	J	0	0	ug/Kg
			Total Tics :		5.00				
			Total Concentration:		5.00				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T1	SDG No.:	Q1463
Lab Sample ID:	Q1463-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.1
Sample Wt/Vol:	6.09 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
VY021441.D	1		03/06/25 17:46	VY030625

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	5.00	U	5.00	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	0.58	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	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	0.78	U	0.78	4.40	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T1	SDG No.:	Q1463
Lab Sample ID:	Q1463-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.1
Sample Wt/Vol:	6.09 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
VY021441.D	1		03/06/25 17:46	VY030625

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	0.54	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	63.3		70 (63) - 130 (155)	127%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (70) - 130 (134)	105%	SPK: 50
2037-26-5	Toluene-d8	40.3		70 (74) - 130 (123)	81%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.1		70 (38) - 130 (136)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	222000	7.707			
540-36-3	1,4-Difluorobenzene	418000	8.616			
3114-55-4	Chlorobenzene-d5	361000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	139000	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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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T2	SDG No.:	Q1463
Lab Sample ID:	Q1463-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	6.31 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
VY021478.D	1		03/11/25 12:01	vy031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.97	U	0.97	4.20	ug/Kg
75-01-4	Vinyl Chloride	0.65	U	0.65	4.20	ug/Kg
74-83-9	Bromomethane	0.86	U	0.86	4.20	ug/Kg
75-00-3	Chloroethane	0.85	U	0.85	4.20	ug/Kg
75-65-0	Tert butyl alcohol	13.1	U	13.1	21.0	ug/Kg
75-35-4	1,1-Dichloroethene	0.65	U	0.65	4.20	ug/Kg
67-64-1	Acetone	5.20	U	5.20	21.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.56	U	0.56	4.20	ug/Kg
75-09-2	Methylene Chloride	11.6		2.90	8.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.70	U	0.70	4.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.53	U	0.53	4.20	ug/Kg
78-93-3	2-Butanone	4.80	U	4.80	21.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.73	U	0.73	4.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.51	U	0.51	4.20	ug/Kg
67-66-3	Chloroform	0.56	U	0.56	4.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.65	U	0.65	4.20	ug/Kg
71-43-2	Benzene	0.60	U	0.60	4.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.51	U	0.51	4.20	ug/Kg
79-01-6	Trichloroethene	0.63	U	0.63	4.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.55	U	0.55	4.20	ug/Kg
75-27-4	Bromodichloromethane	0.47	U	0.47	4.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	21.0	ug/Kg
108-88-3	Toluene	6.60		0.56	4.20	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.50	4.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.48	U	0.48	4.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.70	U	0.70	4.20	ug/Kg
591-78-6	2-Hexanone	4.00	U	4.00	21.0	ug/Kg
124-48-1	Dibromochloromethane	0.55	U	0.55	4.20	ug/Kg
127-18-4	Tetrachloroethene	0.75	U	0.75	4.20	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T2	SDG No.:	Q1463
Lab Sample ID:	Q1463-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	6.31 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
VY021478.D	1		03/11/25 12:01	vy031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.62	U	0.62	4.20	ug/Kg
100-41-4	Ethyl Benzene	1.40	J	0.52	4.20	ug/Kg
179601-23-1	m/p-Xylenes	9.20		1.10	8.40	ug/Kg
95-47-6	o-Xylene	3.50	J	0.59	4.20	ug/Kg
100-42-5	Styrene	0.50	U	0.50	4.20	ug/Kg
75-25-2	Bromoform	0.68	U	0.68	4.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.92	U	0.92	4.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.8		70 (63) - 130 (155)	80%	SPK: 50
1868-53-7	Dibromofluoromethane	37.3		70 (70) - 130 (134)	75%	SPK: 50
2037-26-5	Toluene-d8	47.1		70 (74) - 130 (123)	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.1		70 (38) - 130 (136)	74%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	303000	7.683			
540-36-3	1,4-Difluorobenzene	461000	8.603			
3114-55-4	Chlorobenzene-d5	364000	11.426			
3855-82-1	1,4-Dichlorobenzene-d4	129000	13.353			
TENTATIVE IDENTIFIED COMPOUNDS						
000115-10-6	Dimethyl ether	90.1	J		2.00	ug/Kg
000471-03-4	Bis(2-chloroethyl) sulfone	7.50	J		2.49	ug/Kg
74-88-4	Methyl Iodide	6.90	J		3.87	ug/Kg
000121-43-7	Boric acid, trimethyl ester	100	J		6.38	ug/Kg
000540-36-3	Benzene, 1,4-difluoro-	15.8	J		8.72	ug/Kg
000620-14-4	Benzene, 1-ethyl-3-methyl-	4.50	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	1.80	J		12.7	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.10	J		13.0	ug/Kg
91-20-3	Naphthalene	2.10	J		15.2	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T2	SDG No.:	Q1463
Lab Sample ID:	Q1463-02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.5
Sample Wt/Vol:	6.31 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
VY021478.D	1		03/11/25 12:01	vy031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T3	SDG No.:	Q1463
Lab Sample ID:	Q1463-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.7
Sample Wt/Vol:	5.45 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
VY021455.D	1		03/07/25 12:55	VY030725

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	16.0	U	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	6.40	U	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	3.50	U	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	6.00		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	4.40	U	4.40	25.6	ug/Kg
108-88-3	Toluene	11.8		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	0.66	U	0.66	5.10	ug/Kg
127-18-4	Tetrachloroethene	1.50	J	0.91	5.10	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T3	SDG No.:	Q1463
Lab Sample ID:	Q1463-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.7
Sample Wt/Vol:	5.45 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
VY021455.D	1		03/07/25 12:55	VY030725

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	3.50	J	0.63	5.10	ug/Kg
179601-23-1	m/p-Xylenes	18.6		1.40	10.2	ug/Kg
95-47-6	o-Xylene	8.70		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	38.9		70 (63) - 130 (155)	78%	SPK: 50
1868-53-7	Dibromofluoromethane	35.2		70 (70) - 130 (134)	70%	SPK: 50
2037-26-5	Toluene-d8	47.7		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	33.3	*	70 (38) - 130 (136)	67%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	305000	7.683			
540-36-3	1,4-Difluorobenzene	465000	8.603			
3114-55-4	Chlorobenzene-d5	350000	11.426			
3855-82-1	1,4-Dichlorobenzene-d4	111000	13.359			
TENTATIVE IDENTIFIED COMPOUNDS						
000115-10-6	Dimethyl ether	57.8	J		2.00	ug/Kg
000121-43-7	Boric acid, trimethyl ester	61.4	J		6.37	ug/Kg
000589-34-4	Hexane, 3-methyl-	7.10	J		7.88	ug/Kg
000540-84-1	Pentane, 2,2,4-trimethyl-	21.2	J		8.22	ug/Kg
000142-82-5	Heptane	7.90	J		8.45	ug/Kg
108-87-2	Methylcyclohexane	4.80	J		9.09	ug/Kg
000565-75-3	Pentane, 2,3,4-trimethyl-	14.3	J		9.53	ug/Kg
000921-47-1	Hexane, 2,3,4-trimethyl-	21.7	J		9.66	ug/Kg
000589-81-1	Heptane, 3-methyl-	5.70	J		9.87	ug/Kg
000111-65-9	Octane	5.10	J		10.3	ug/Kg
98-82-8	Isopropylbenzene	1.40	J		12.3	ug/Kg
103-65-1	n-propylbenzene	1.40	J		12.6	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	9.80	J		12.7	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	4.10	J		12.7	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T3	SDG No.:	Q1463
Lab Sample ID:	Q1463-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	89.7
Sample Wt/Vol:	5.45 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
VY021455.D	1		03/07/25 12:55	VY030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000127-91-3	.beta.-Pinene	8.20	J		12.8	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	7.20	J		13.1	ug/Kg
056862-62-5	10-Methylnonadecane	6.40	J		13.2	ug/Kg
001074-55-1	Benzene, 1-methyl-4-propyl-	8.80	J		13.6	ug/Kg
91-20-3	Naphthalene	2.80	J		15.1	ug/Kg

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:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T4	SDG No.:	Q1463
Lab Sample ID:	Q1463-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.1
Sample Wt/Vol:	6.12 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
VY021443.D	1		03/06/25 18:33	VY030625

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	0.90	U	0.90	4.40	ug/Kg
75-00-3	Chloroethane	0.89	U	0.89	4.40	ug/Kg
75-65-0	Tert butyl alcohol	13.7	U	13.7	21.9	ug/Kg
75-35-4	1,1-Dichloroethene	0.68	U	0.68	4.40	ug/Kg
67-64-1	Acetone	5.50	U	5.50	21.9	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	21.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.76	U	0.76	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	0.68	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	0.54	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	21.9	ug/Kg
108-88-3	Toluene	0.59	U	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	21.9	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:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T4	SDG No.:	Q1463
Lab Sample ID:	Q1463-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.1
Sample Wt/Vol:	6.12 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
VY021443.D	1		03/06/25 18:33	VY030625

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	0.54	U	0.54	4.40	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	8.80	ug/Kg
95-47-6	o-Xylene	0.61	U	0.61	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	57.4		70 (63) - 130 (155)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.2		70 (38) - 130 (136)	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	230000	7.707			
540-36-3	1,4-Difluorobenzene	424000	8.616			
3114-55-4	Chlorobenzene-d5	354000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	121000	13.347			
TENTATIVE IDENTIFIED COMPOUNDS						
000594-82-1	Butane, 2,2,3,3-tetramethyl-	5.10	J		8.24	ug/Kg
108-87-2	Methylcyclohexane	0.96	J		9.10	ug/Kg

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:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T5	SDG No.:	Q1463
Lab Sample ID:	Q1463-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.9
Sample Wt/Vol:	7.01 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
VY021442.D	1		03/06/25 18:09	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.90	U	0.90	3.90	ug/Kg
75-01-4	Vinyl Chloride	0.60	U	0.60	3.90	ug/Kg
74-83-9	Bromomethane	0.80	U	0.80	3.90	ug/Kg
75-00-3	Chloroethane	0.78	U	0.78	3.90	ug/Kg
75-65-0	Tert butyl alcohol	12.1	U	12.1	19.4	ug/Kg
75-35-4	1,1-Dichloroethene	0.61	U	0.61	3.90	ug/Kg
67-64-1	Acetone	4.80	U	4.80	19.4	ug/Kg
75-15-0	Carbon Disulfide	0.99	U	0.99	3.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.52	U	0.52	3.90	ug/Kg
75-09-2	Methylene Chloride	2.60	U	2.60	7.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.65	U	0.65	3.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.49	U	0.49	3.90	ug/Kg
78-93-3	2-Butanone	4.40	U	4.40	19.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.68	U	0.68	3.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.47	U	0.47	3.90	ug/Kg
67-66-3	Chloroform	0.52	U	0.52	3.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.61	U	0.61	3.90	ug/Kg
71-43-2	Benzene	0.56	U	0.56	3.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.47	U	0.47	3.90	ug/Kg
79-01-6	Trichloroethene	0.58	U	0.58	3.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.51	U	0.51	3.90	ug/Kg
75-27-4	Bromodichloromethane	0.43	U	0.43	3.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.40	U	3.40	19.4	ug/Kg
108-88-3	Toluene	0.52	U	0.52	3.90	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.47	U	0.47	3.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.44	U	0.44	3.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.65	U	0.65	3.90	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	19.4	ug/Kg
124-48-1	Dibromochloromethane	0.50	U	0.50	3.90	ug/Kg
127-18-4	Tetrachloroethene	0.69	U	0.69	3.90	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T5	SDG No.:	Q1463
Lab Sample ID:	Q1463-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.9
Sample Wt/Vol:	7.01 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
VY021442.D	1		03/06/25 18:09	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.57	U	0.57	3.90	ug/Kg
100-41-4	Ethyl Benzene	0.48	U	0.48	3.90	ug/Kg
179601-23-1	m/p-Xylenes	1.00	U	1.00	7.80	ug/Kg
95-47-6	o-Xylene	0.54	U	0.54	3.90	ug/Kg
100-42-5	Styrene	0.47	U	0.47	3.90	ug/Kg
75-25-2	Bromoform	0.63	U	0.63	3.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.85	U	0.85	3.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.8		70 (63) - 130 (155)	120%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (70) - 130 (134)	104%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.9		70 (38) - 130 (136)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	226000	7.707			
540-36-3	1,4-Difluorobenzene	419000	8.616			
3114-55-4	Chlorobenzene-d5	363000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	132000	13.347			
TENTATIVE IDENTIFIED COMPOUNDS						
013450-73-2	11H-Dibenzo[b,e][1,4]diazepin-11-o	5.00	J		13.9	ug/Kg

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:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T6	SDG No.:	Q1463
Lab Sample ID:	Q1463-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.6
Sample Wt/Vol:	6.41 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
VY021444.D	1		03/06/25 18:56	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.96	U	0.96	4.10	ug/Kg
75-01-4	Vinyl Chloride	0.63	U	0.63	4.10	ug/Kg
74-83-9	Bromomethane	0.85	U	0.85	4.10	ug/Kg
75-00-3	Chloroethane	0.83	U	0.83	4.10	ug/Kg
75-65-0	Tert butyl alcohol	12.9	U	12.9	20.6	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	20.6	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	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	0.69	U	0.69	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.52	U	0.52	4.10	ug/Kg
78-93-3	2-Butanone	4.70	U	4.70	20.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.72	U	0.72	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	0.62	U	0.62	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	3.60	U	3.60	20.6	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	0.47	U	0.47	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.69	U	0.69	4.10	ug/Kg
591-78-6	2-Hexanone	3.90	U	3.90	20.6	ug/Kg
124-48-1	Dibromochloromethane	0.54	U	0.54	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:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T6	SDG No.:	Q1463
Lab Sample ID:	Q1463-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.6
Sample Wt/Vol:	6.41 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
VY021444.D	1		03/06/25 18:56	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.61	U	0.61	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	0.58	U	0.58	4.10	ug/Kg
100-42-5	Styrene	0.49	U	0.49	4.10	ug/Kg
75-25-2	Bromoform	0.67	U	0.67	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.91	U	0.91	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.4		70 (63) - 130 (155)	121%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	42.0		70 (74) - 130 (123)	84%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.2		70 (38) - 130 (136)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	224000	7.707			
540-36-3	1,4-Difluorobenzene	421000	8.615			
3114-55-4	Chlorobenzene-d5	364000	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
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:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T7	SDG No.:	Q1463
Lab Sample ID:	Q1463-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.2
Sample Wt/Vol:	6.15 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
VY021445.D	1		03/06/25 19:20	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	1.00	U	1.00	4.30	ug/Kg
75-01-4	Vinyl Chloride	0.66	U	0.66	4.30	ug/Kg
74-83-9	Bromomethane	0.89	U	0.89	4.30	ug/Kg
75-00-3	Chloroethane	0.87	U	0.87	4.30	ug/Kg
75-65-0	Tert butyl alcohol	13.5	U	13.5	21.6	ug/Kg
75-35-4	1,1-Dichloroethene	0.67	U	0.67	4.30	ug/Kg
67-64-1	Acetone	5.40	U	5.40	21.6	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.58	U	0.58	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	21.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.75	U	0.75	4.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.53	U	0.53	4.30	ug/Kg
67-66-3	Chloroform	0.58	U	0.58	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	0.53	U	0.53	4.30	ug/Kg
79-01-6	Trichloroethene	0.65	U	0.65	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	3.80	U	3.80	21.6	ug/Kg
108-88-3	Toluene	0.58	U	0.58	4.30	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.52	U	0.52	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	21.6	ug/Kg
124-48-1	Dibromochloromethane	0.56	U	0.56	4.30	ug/Kg
127-18-4	Tetrachloroethene	0.77	U	0.77	4.30	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T7	SDG No.:	Q1463
Lab Sample ID:	Q1463-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.2
Sample Wt/Vol:	6.15 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
VY021445.D	1		03/06/25 19:20	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.64	U	0.64	4.30	ug/Kg
100-41-4	Ethyl Benzene	0.54	U	0.54	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	0.52	U	0.52	4.30	ug/Kg
75-25-2	Bromoform	0.70	U	0.70	4.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.95	U	0.95	4.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.5		70 (63) - 130 (155)	121%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	43.8		70 (74) - 130 (123)	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.9		70 (38) - 130 (136)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	228000	7.707			
540-36-3	1,4-Difluorobenzene	432000	8.616			
3114-55-4	Chlorobenzene-d5	378000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	144000	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
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A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T8	SDG No.:	Q1463
Lab Sample ID:	Q1463-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.2
Sample Wt/Vol:	6.85 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
VY021446.D	1		03/06/25 19:43	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.91	U	0.91	3.90	ug/Kg
75-01-4	Vinyl Chloride	0.60	U	0.60	3.90	ug/Kg
74-83-9	Bromomethane	0.81	U	0.81	3.90	ug/Kg
75-00-3	Chloroethane	0.79	U	0.79	3.90	ug/Kg
75-65-0	Tert butyl alcohol	12.2	U	12.2	19.6	ug/Kg
75-35-4	1,1-Dichloroethene	0.61	U	0.61	3.90	ug/Kg
67-64-1	Acetone	4.90	U	4.90	19.6	ug/Kg
75-15-0	Carbon Disulfide	1.00	U	1.00	3.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.52	U	0.52	3.90	ug/Kg
75-09-2	Methylene Chloride	2.70	U	2.70	7.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.66	U	0.66	3.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.49	U	0.49	3.90	ug/Kg
78-93-3	2-Butanone	4.40	U	4.40	19.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.68	U	0.68	3.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.48	U	0.48	3.90	ug/Kg
67-66-3	Chloroform	0.52	U	0.52	3.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.61	U	0.61	3.90	ug/Kg
71-43-2	Benzene	0.56	U	0.56	3.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.48	U	0.48	3.90	ug/Kg
79-01-6	Trichloroethene	0.59	U	0.59	3.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.52	U	0.52	3.90	ug/Kg
75-27-4	Bromodichloromethane	0.44	U	0.44	3.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.40	U	3.40	19.6	ug/Kg
108-88-3	Toluene	0.52	U	0.52	3.90	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.47	U	0.47	3.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.45	U	0.45	3.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.66	U	0.66	3.90	ug/Kg
591-78-6	2-Hexanone	3.80	U	3.80	19.6	ug/Kg
124-48-1	Dibromochloromethane	0.51	U	0.51	3.90	ug/Kg
127-18-4	Tetrachloroethene	0.70	U	0.70	3.90	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T8	SDG No.:	Q1463
Lab Sample ID:	Q1463-08	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.2
Sample Wt/Vol:	6.85 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
VY021446.D	1		03/06/25 19:43	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.58	U	0.58	3.90	ug/Kg
100-41-4	Ethyl Benzene	0.49	U	0.49	3.90	ug/Kg
179601-23-1	m/p-Xylenes	1.10	U	1.10	7.80	ug/Kg
95-47-6	o-Xylene	0.55	U	0.55	3.90	ug/Kg
100-42-5	Styrene	0.47	U	0.47	3.90	ug/Kg
75-25-2	Bromoform	0.63	U	0.63	3.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.86	U	0.86	3.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.8		70 (63) - 130 (155)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		70 (70) - 130 (134)	97%	SPK: 50
2037-26-5	Toluene-d8	42.3		70 (74) - 130 (123)	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	34.7	*	70 (38) - 130 (136)	69%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	215000	7.707			
540-36-3	1,4-Difluorobenzene	366000	8.615			
3114-55-4	Chlorobenzene-d5	278000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	93700	13.346			

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

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T9	SDG No.:	Q1463
Lab Sample ID:	Q1463-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.5
Sample Wt/Vol:	6.48 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
VY021447.D	1		03/06/25 20:06	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.96	U	0.96	4.10	ug/Kg
75-01-4	Vinyl Chloride	0.64	U	0.64	4.10	ug/Kg
74-83-9	Bromomethane	0.85	U	0.85	4.10	ug/Kg
75-00-3	Chloroethane	0.83	U	0.83	4.10	ug/Kg
75-65-0	Tert butyl alcohol	12.9	U	12.9	20.6	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	20.6	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	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	8.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.69	U	0.69	4.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.52	U	0.52	4.10	ug/Kg
78-93-3	2-Butanone	4.70	U	4.70	20.6	ug/Kg
56-23-5	Carbon Tetrachloride	0.72	U	0.72	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	0.62	U	0.62	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	3.60	U	3.60	20.6	ug/Kg
108-88-3	Toluene	0.55	U	0.55	4.10	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.50	4.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.47	U	0.47	4.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.69	U	0.69	4.10	ug/Kg
591-78-6	2-Hexanone	4.00	U	4.00	20.6	ug/Kg
124-48-1	Dibromochloromethane	0.54	U	0.54	4.10	ug/Kg
127-18-4	Tetrachloroethene	0.73	U	0.73	4.10	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:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T9	SDG No.:	Q1463
Lab Sample ID:	Q1463-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.5
Sample Wt/Vol:	6.48 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
VY021447.D	1		03/06/25 20:06	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.61	U	0.61	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	8.30	ug/Kg
95-47-6	o-Xylene	0.58	U	0.58	4.10	ug/Kg
100-42-5	Styrene	0.50	U	0.50	4.10	ug/Kg
75-25-2	Bromoform	0.67	U	0.67	4.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.91	U	0.91	4.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	61.3		70 (63) - 130 (155)	123%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		70 (70) - 130 (134)	103%	SPK: 50
2037-26-5	Toluene-d8	47.5		70 (74) - 130 (123)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.0		70 (38) - 130 (136)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	212000	7.707			
540-36-3	1,4-Difluorobenzene	387000	8.616			
3114-55-4	Chlorobenzene-d5	338000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	129000	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:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T10	SDG No.:	Q1463
Lab Sample ID:	Q1463-10	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.8
Sample Wt/Vol:	7.05 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
VY021458.D	1		03/07/25 14:05	VY030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	0.89	U	0.89	3.80	ug/Kg
75-01-4	Vinyl Chloride	0.59	U	0.59	3.80	ug/Kg
74-83-9	Bromomethane	0.79	U	0.79	3.80	ug/Kg
75-00-3	Chloroethane	0.77	U	0.77	3.80	ug/Kg
75-65-0	Tert butyl alcohol	11.9	U	11.9	19.1	ug/Kg
75-35-4	1,1-Dichloroethene	0.60	U	0.60	3.80	ug/Kg
67-64-1	Acetone	4.80	U	4.80	19.1	ug/Kg
75-15-0	Carbon Disulfide	0.98	U	0.98	3.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.51	U	0.51	3.80	ug/Kg
75-09-2	Methylene Chloride	2.60	U	2.60	7.60	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.64	U	0.64	3.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.48	U	0.48	3.80	ug/Kg
78-93-3	2-Butanone	4.30	U	4.30	19.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.66	U	0.66	3.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.47	U	0.47	3.80	ug/Kg
67-66-3	Chloroform	0.51	U	0.51	3.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.60	U	0.60	3.80	ug/Kg
71-43-2	Benzene	0.55	U	0.55	3.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.47	U	0.47	3.80	ug/Kg
79-01-6	Trichloroethene	0.57	U	0.57	3.80	ug/Kg
78-87-5	1,2-Dichloropropane	0.50	U	0.50	3.80	ug/Kg
75-27-4	Bromodichloromethane	0.43	U	0.43	3.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.30	U	3.30	19.1	ug/Kg
108-88-3	Toluene	0.51	U	0.51	3.80	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.46	U	0.46	3.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.44	U	0.44	3.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.64	U	0.64	3.80	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	19.1	ug/Kg
124-48-1	Dibromochloromethane	0.50	U	0.50	3.80	ug/Kg
127-18-4	Tetrachloroethene	0.68	U	0.68	3.80	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	02/27/25
Project:	Fisal	Date Received:	02/27/25
Client Sample ID:	T10	SDG No.:	Q1463
Lab Sample ID:	Q1463-10	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.8
Sample Wt/Vol:	7.05 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
VY021458.D	1		03/07/25 14:05	VY030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	0.57	U	0.57	3.80	ug/Kg
100-41-4	Ethyl Benzene	0.47	U	0.47	3.80	ug/Kg
179601-23-1	m/p-Xylenes	1.00	U	1.00	7.60	ug/Kg
95-47-6	o-Xylene	0.53	U	0.53	3.80	ug/Kg
100-42-5	Styrene	0.46	U	0.46	3.80	ug/Kg
75-25-2	Bromoform	0.62	U	0.62	3.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.84	U	0.84	3.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.5		70 (63) - 130 (155)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 (70) - 130 (134)	101%	SPK: 50
2037-26-5	Toluene-d8	48.1		70 (74) - 130 (123)	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.1		70 (38) - 130 (136)	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	290000	7.707			
540-36-3	1,4-Difluorobenzene	520000	8.616			
3114-55-4	Chlorobenzene-d5	457000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	176000	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.: Q1463

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q1463-01	T1	1,2-Dichloroethane-d4	50	63.3	127		70 (63)	130 (155)
		Dibromofluoromethane	50	52.5	105		70 (70)	130 (134)
		Toluene-d8	50	40.3	81		70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.1	84		70 (38)	130 (136)
Q1463-02	T2	1,2-Dichloroethane-d4	50	39.8	80		70 (63)	130 (155)
		Dibromofluoromethane	50	37.3	75		70 (70)	130 (134)
		Toluene-d8	50	47.1	94		70 (74)	130 (123)
		4-Bromofluorobenzene	50	37.1	74		70 (38)	130 (136)
Q1463-03	T3	1,2-Dichloroethane-d4	50	38.9	78		70 (63)	130 (155)
		Dibromofluoromethane	50	35.2	70		70 (70)	130 (134)
		Toluene-d8	50	47.7	95		70 (74)	130 (123)
		4-Bromofluorobenzene	50	33.4	67	*	70 (38)	130 (136)
Q1463-04	T4	1,2-Dichloroethane-d4	50	57.4	115		70 (63)	130 (155)
		Dibromofluoromethane	50	50.0	100		70 (70)	130 (134)
		Toluene-d8	50	48.6	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	39.2	78		70 (38)	130 (136)
Q1463-05	T5	1,2-Dichloroethane-d4	50	59.8	120		70 (63)	130 (155)
		Dibromofluoromethane	50	52.0	104		70 (70)	130 (134)
		Toluene-d8	50	48.6	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	41.9	84		70 (38)	130 (136)
Q1463-06	T6	1,2-Dichloroethane-d4	50	60.4	121		70 (63)	130 (155)
		Dibromofluoromethane	50	51.6	103		70 (70)	130 (134)
		Toluene-d8	50	42.0	84		70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.2	84		70 (38)	130 (136)
Q1463-07	T7	1,2-Dichloroethane-d4	50	60.5	121		70 (63)	130 (155)
		Dibromofluoromethane	50	51.4	103		70 (70)	130 (134)
		Toluene-d8	50	43.8	88		70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.9	86		70 (38)	130 (136)
Q1463-08	T8	1,2-Dichloroethane-d4	50	48.8	98		70 (63)	130 (155)
		Dibromofluoromethane	50	48.3	97		70 (70)	130 (134)
		Toluene-d8	50	42.3	85		70 (74)	130 (123)
		4-Bromofluorobenzene	50	34.7	69	*	70 (38)	130 (136)
Q1463-09	T9	1,2-Dichloroethane-d4	50	61.3	123		70 (63)	130 (155)
		Dibromofluoromethane	50	51.5	103		70 (70)	130 (134)
		Toluene-d8	50	47.5	95		70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.0	84		70 (38)	130 (136)
Q1463-10	T10	1,2-Dichloroethane-d4	50	55.5	111		70 (63)	130 (155)
		Dibromofluoromethane	50	50.7	101		70 (70)	130 (134)
		Toluene-d8	50	48.1	96		70 (74)	130 (123)
		4-Bromofluorobenzene	50	43.1	86		70 (38)	130 (136)
VY0306SBL01	VY0306SBL01	1,2-Dichloroethane-d4	50	58.5	117		70 (63)	130 (155)
		Dibromofluoromethane	50	51.1	102		70 (70)	130 (134)
		Toluene-d8	50	48.6	97		70 (74)	130 (123)
		4-Bromofluorobenzene	50	43.6	87		70 (38)	130 (136)
VY0306SBS01	VY0306SBS01	1,2-Dichloroethane-d4	50	53.2	106		70 (63)	130 (155)
		Dibromofluoromethane	50	50.1	100		70 (70)	130 (134)
		Toluene-d8	50	49.5	99		70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.8	102		70 (38)	130 (136)
VY0306SBSD01	VY0306SBSD01	1,2-Dichloroethane-d4	50	55.0	110		70 (63)	130 (155)
		Dibromofluoromethane	50	52.0	104		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.: Q1463

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
VY0306SBSD01	VY0306SBSD01	Toluene-d8	50	51.4	103	70 (74)	130 (123)
		4-Bromofluorobenzene	50	52.6	105	70 (38)	130 (136)
VY0307SBL01	VY0307SBL01	1,2-Dichloroethane-d4	50	55.4	111	70 (63)	130 (155)
		Dibromofluoromethane	50	50.2	100	70 (70)	130 (134)
		Toluene-d8	50	48.5	97	70 (74)	130 (123)
		4-Bromofluorobenzene	50	40.1	80	70 (38)	130 (136)
VY0307SBS01	VY0307SBS01	1,2-Dichloroethane-d4	50	53.1	106	70 (63)	130 (155)
		Dibromofluoromethane	50	52.0	104	70 (70)	130 (134)
		Toluene-d8	50	51.9	104	70 (74)	130 (123)
		4-Bromofluorobenzene	50	50.9	102	70 (38)	130 (136)
VY0311SBL01	VY0311SBL01	1,2-Dichloroethane-d4	50	53.3	107	70 (63)	130 (155)
		Dibromofluoromethane	50	50.4	101	70 (70)	130 (134)
		Toluene-d8	50	48.5	97	70 (74)	130 (123)
		4-Bromofluorobenzene	50	42.5	85	70 (38)	130 (136)
VY0311SBS01	VY0311SBS01	1,2-Dichloroethane-d4	50	52.4	105	70 (63)	130 (155)
		Dibromofluoromethane	50	52.9	106	70 (70)	130 (134)
		Toluene-d8	50	52.2	104	70 (74)	130 (123)
		4-Bromofluorobenzene	50	52.5	105	70 (38)	130 (136)

( ) = LABORATORY INHOUSE LIMIT

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1463

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021428.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0306SBS01	Chloromethane	20	20.3	ug/Kg	102			40 (70)	160 (130)	
	Vinyl chloride	20	20.0	ug/Kg	100			70 (72)	130 (129)	
	Bromomethane	20	21.8	ug/Kg	109			40 (58)	160 (141)	
	Chloroethane	20	21.0	ug/Kg	105			40 (69)	160 (130)	
	Tert butyl alcohol	100	95.8	ug/Kg	96			70 (24)	130 (175)	
	1,1-Dichloroethene	20	19.1	ug/Kg	96			70 (79)	130 (121)	
	Acetone	100	79.7	ug/Kg	80			40 (60)	160 (131)	
	Carbon disulfide	20	18.7	ug/Kg	94			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	20.0	ug/Kg	100			70 (77)	130 (129)	
	Methylene Chloride	20	19.3	ug/Kg	97			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	19.1	ug/Kg	96			70 (80)	130 (123)	
	1,1-Dichloroethane	20	20.2	ug/Kg	101			70 (82)	130 (123)	
	2-Butanone	100	93.5	ug/Kg	94			40 (69)	160 (131)	
	Carbon Tetrachloride	20	18.5	ug/Kg	93			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	19.7	ug/Kg	99			70 (82)	130 (123)	
	Chloroform	20	20.1	ug/Kg	101			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	19.2	ug/Kg	96			70 (80)	130 (126)	
	Benzene	20	19.4	ug/Kg	97			70 (84)	130 (121)	
	1,2-Dichloroethane	20	20.2	ug/Kg	101			70 (81)	130 (126)	
	Trichloroethene	20	18.8	ug/Kg	94			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.2	ug/Kg	101			70 (83)	130 (122)	
	Bromodichloromethane	20	19.8	ug/Kg	99			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			40 (70)	160 (135)	
	Toluene	20	19.2	ug/Kg	96			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.6	ug/Kg	98			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.2	ug/Kg	96			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	20.0	ug/Kg	100			70 (82)	130 (125)	
	2-Hexanone	100	98.1	ug/Kg	98			40 (66)	160 (138)	
	Dibromochloromethane	20	20.0	ug/Kg	100			70 (79)	130 (125)	
	Tetrachloroethene	20	18.3	ug/Kg	92			70 (83)	130 (125)	
	Chlorobenzene	20	18.6	ug/Kg	93			70 (84)	130 (122)	
	Ethyl Benzene	20	17.8	ug/Kg	89			70 (82)	130 (124)	
	m/p-Xylenes	40	36.6	ug/Kg	92			70 (83)	130 (124)	
	o-Xylene	20	18.2	ug/Kg	91			70 (83)	130 (123)	
	Styrene	20	18.6	ug/Kg	93			70 (82)	130 (124)	
	Bromoform	20	18.8	ug/Kg	94			70 (75)	130 (127)	
	1,1,2,2-Tetrachloroethane	20	18.8	ug/Kg	94			70 (77)	130 (127)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1463

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021429.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0306SBSD01	Chloromethane	20	20.8	ug/Kg	104	2		40 (70)	160 (130)	30 (20)
	Vinyl chloride	20	21.0	ug/Kg	105	5		70 (72)	130 (129)	30 (20)
	Bromomethane	20	20.9	ug/Kg	104	5		40 (58)	160 (141)	30 (20)
	Chloroethane	20	22.2	ug/Kg	111	6		40 (69)	160 (130)	30 (20)
	Tert butyl alcohol	100	110	ug/Kg	110	14		70 (24)	130 (175)	30 (20)
	1,1-Dichloroethene	20	20.1	ug/Kg	101	5		70 (79)	130 (121)	30 (20)
	Acetone	100	83.1	ug/Kg	83	4		40 (60)	160 (131)	30 (20)
	Carbon disulfide	20	19.5	ug/Kg	98	4		40 (45)	160 (154)	30 (20)
	Methyl tert-butyl Ether	20	20.4	ug/Kg	102	2		70 (77)	130 (129)	30 (20)
	Methylene Chloride	20	20.4	ug/Kg	102	5		70 (56)	130 (174)	30 (20)
	trans-1,2-Dichloroethene	20	20.1	ug/Kg	101	5		70 (80)	130 (123)	30 (20)
	1,1-Dichloroethane	20	20.5	ug/Kg	103	2		70 (82)	130 (123)	30 (20)
	2-Butanone	100	95.3	ug/Kg	95	1		40 (69)	160 (131)	30 (20)
	Carbon Tetrachloride	20	18.7	ug/Kg	94	1		70 (76)	130 (129)	30 (20)
	cis-1,2-Dichloroethene	20	20.2	ug/Kg	101	2		70 (82)	130 (123)	30 (20)
	Chloroform	20	21.3	ug/Kg	106	5		70 (82)	130 (125)	30 (20)
	1,1,1-Trichloroethane	20	20.0	ug/Kg	100	4		70 (80)	130 (126)	30 (20)
	Benzene	20	19.9	ug/Kg	100	3		70 (84)	130 (121)	30 (20)
	1,2-Dichloroethane	20	20.4	ug/Kg	102	1		70 (81)	130 (126)	30 (20)
	Trichloroethene	20	19.0	ug/Kg	95	1		70 (83)	130 (122)	30 (20)
	1,2-Dichloropropane	20	20.5	ug/Kg	103	2		70 (83)	130 (122)	30 (20)
	Bromodichloromethane	20	20.2	ug/Kg	101	2		70 (82)	130 (123)	30 (20)
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	0		40 (70)	160 (135)	30 (20)
	Toluene	20	19.7	ug/Kg	99	3		70 (83)	130 (122)	30 (20)
	t-1,3-Dichloropropene	20	19.4	ug/Kg	97	1		70 (78)	130 (124)	30 (20)
	cis-1,3-Dichloropropene	20	19.5	ug/Kg	98	2		70 (81)	130 (122)	30 (20)
	1,1,2-Trichloroethane	20	20.4	ug/Kg	102	2		70 (82)	130 (125)	30 (20)
	2-Hexanone	100	96.5	ug/Kg	97	1		40 (66)	160 (138)	30 (20)
	Dibromochloromethane	20	19.9	ug/Kg	100	0		70 (79)	130 (125)	30 (20)
	Tetrachloroethene	20	18.8	ug/Kg	94	2		70 (83)	130 (125)	30 (20)
	Chlorobenzene	20	19.2	ug/Kg	96	3		70 (84)	130 (122)	30 (20)
	Ethyl Benzene	20	18.6	ug/Kg	93	4		70 (82)	130 (124)	30 (20)
	m/p-Xylenes	40	37.8	ug/Kg	95	3		70 (83)	130 (124)	30 (20)
	o-Xylene	20	18.8	ug/Kg	94	3		70 (83)	130 (123)	30 (20)
	Styrene	20	19.5	ug/Kg	98	5		70 (82)	130 (124)	30 (20)
	Bromoform	20	19.6	ug/Kg	98	4		70 (75)	130 (127)	30 (20)
	1,1,2,2-Tetrachloroethane	20	19.0	ug/Kg	95	1		70 (77)	130 (127)	30 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1463

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021453.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0307SBS01	Chloromethane	20	20.2	ug/Kg	101			40 (70)	160 (130)	
	Vinyl chloride	20	20.7	ug/Kg	104			70 (72)	130 (129)	
	Bromomethane	20	20.6	ug/Kg	103			40 (58)	160 (141)	
	Chloroethane	20	21.5	ug/Kg	108			40 (69)	160 (130)	
	Tert butyl alcohol	100	110	ug/Kg	110			70 (24)	130 (175)	
	1,1-Dichloroethene	20	19.4	ug/Kg	97			70 (79)	130 (121)	
	Acetone	100	120	ug/Kg	120			40 (60)	160 (131)	
	Carbon disulfide	20	18.9	ug/Kg	95			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	19.4	ug/Kg	97			70 (77)	130 (129)	
	Methylene Chloride	20	20.6	ug/Kg	103			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	19.6	ug/Kg	98			70 (80)	130 (123)	
	1,1-Dichloroethane	20	19.7	ug/Kg	99			70 (82)	130 (123)	
	2-Butanone	100	110	ug/Kg	110			40 (69)	160 (131)	
	Carbon Tetrachloride	20	19.4	ug/Kg	97			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	19.0	ug/Kg	95			70 (82)	130 (123)	
	Chloroform	20	19.9	ug/Kg	100			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	19.7	ug/Kg	99			70 (80)	130 (126)	
	Benzene	20	19.5	ug/Kg	98			70 (84)	130 (121)	
	1,2-Dichloroethane	20	19.8	ug/Kg	99			70 (81)	130 (126)	
	Trichloroethene	20	19.1	ug/Kg	96			70 (83)	130 (122)	
	1,2-Dichloropropane	20	20.0	ug/Kg	100			70 (83)	130 (122)	
	Bromodichloromethane	20	19.6	ug/Kg	98			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			40 (70)	160 (135)	
	Toluene	20	19.6	ug/Kg	98			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	19.5	ug/Kg	98			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	19.2	ug/Kg	96			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	19.7	ug/Kg	99			70 (82)	130 (125)	
	2-Hexanone	100	110	ug/Kg	110			40 (66)	160 (138)	
	Dibromochloromethane	20	19.4	ug/Kg	97			70 (79)	130 (125)	
	Tetrachloroethene	20	19.6	ug/Kg	98			70 (83)	130 (125)	
	Chlorobenzene	20	19.0	ug/Kg	95			70 (84)	130 (122)	
	Ethyl Benzene	20	19.1	ug/Kg	96			70 (82)	130 (124)	
	m/p-Xylenes	40	38.9	ug/Kg	97			70 (83)	130 (124)	
	o-Xylene	20	19.1	ug/Kg	96			70 (83)	130 (123)	
	Styrene	20	19.3	ug/Kg	97			70 (82)	130 (124)	
	Bromoform	20	20.1	ug/Kg	101			70 (75)	130 (127)	
	1,1,2,2-Tetrachloroethane	20	19.6	ug/Kg	98			70 (77)	130 (127)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1463

Client: G Environmental

Analytical Method: SW8260D **Datafile :** VY021476.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0311SBS01	Chloromethane	20	19.6	ug/Kg	98			40 (70)	160 (130)	
	Vinyl chloride	20	19.8	ug/Kg	99			70 (72)	130 (129)	
	Bromomethane	20	19.4	ug/Kg	97			40 (58)	160 (141)	
	Chloroethane	20	21.4	ug/Kg	107			40 (69)	160 (130)	
	Tert butyl alcohol	100	79.8	ug/Kg	80			70 (24)	130 (175)	
	1,1-Dichloroethene	20	18.1	ug/Kg	91			70 (79)	130 (121)	
	Acetone	100	120	ug/Kg	120			40 (60)	160 (131)	
	Carbon disulfide	20	17.6	ug/Kg	88			40 (45)	160 (154)	
	Methyl tert-butyl Ether	20	17.2	ug/Kg	86			70 (77)	130 (129)	
	Methylene Chloride	20	18.1	ug/Kg	91			70 (56)	130 (174)	
	trans-1,2-Dichloroethene	20	17.9	ug/Kg	90			70 (80)	130 (123)	
	1,1-Dichloroethane	20	18.6	ug/Kg	93			70 (82)	130 (123)	
	2-Butanone	100	99.2	ug/Kg	99			40 (69)	160 (131)	
	Carbon Tetrachloride	20	18.0	ug/Kg	90			70 (76)	130 (129)	
	cis-1,2-Dichloroethene	20	18.2	ug/Kg	91			70 (82)	130 (123)	
	Chloroform	20	19.1	ug/Kg	96			70 (82)	130 (125)	
	1,1,1-Trichloroethane	20	18.5	ug/Kg	93			70 (80)	130 (126)	
	Benzene	20	18.3	ug/Kg	92			70 (84)	130 (121)	
	1,2-Dichloroethane	20	17.9	ug/Kg	90			70 (81)	130 (126)	
	Trichloroethene	20	18.6	ug/Kg	93			70 (83)	130 (122)	
	1,2-Dichloropropane	20	18.2	ug/Kg	91			70 (83)	130 (122)	
	Bromodichloromethane	20	18.6	ug/Kg	93			70 (82)	130 (123)	
	4-Methyl-2-Pentanone	100	87.8	ug/Kg	88			40 (70)	160 (135)	
	Toluene	20	18.2	ug/Kg	91			70 (83)	130 (122)	
	t-1,3-Dichloropropene	20	18.1	ug/Kg	91			70 (78)	130 (124)	
	cis-1,3-Dichloropropene	20	18.0	ug/Kg	90			70 (81)	130 (122)	
	1,1,2-Trichloroethane	20	18.4	ug/Kg	92			70 (82)	130 (125)	
	2-Hexanone	100	97.6	ug/Kg	98			40 (66)	160 (138)	
	Dibromochloromethane	20	18.0	ug/Kg	90			70 (79)	130 (125)	
	Tetrachloroethene	20	19.5	ug/Kg	98			70 (83)	130 (125)	
	Chlorobenzene	20	17.9	ug/Kg	90			70 (84)	130 (122)	
	Ethyl Benzene	20	17.5	ug/Kg	88			70 (82)	130 (124)	
	m/p-Xylenes	40	36.0	ug/Kg	90			70 (83)	130 (124)	
	o-Xylene	20	17.5	ug/Kg	88			70 (83)	130 (123)	
	Styrene	20	17.8	ug/Kg	89			70 (82)	130 (124)	
	Bromoform	20	17.8	ug/Kg	89			70 (75)	130 (127)	
	1,1,2,2-Tetrachloroethane	20	16.6	ug/Kg	83			70 (77)	130 (127)	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0306SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021427.D Lab Sample ID: VY0306SBL01

Date Analyzed: 03/06/2025 Time Analyzed: 11:59

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
VY0306SBS01	VY0306SBS01	VY021428.D	03/06/2025
VY0306SBSD01	VY0306SBSD01	VY021429.D	03/06/2025
T1	Q1463-01	VY021441.D	03/06/2025
T5	Q1463-05	VY021442.D	03/06/2025
T4	Q1463-04	VY021443.D	03/06/2025
T6	Q1463-06	VY021444.D	03/06/2025
T7	Q1463-07	VY021445.D	03/06/2025
T8	Q1463-08	VY021446.D	03/06/2025
T9	Q1463-09	VY021447.D	03/06/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0307SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021452.D Lab Sample ID: VY0307SBL01

Date Analyzed: 03/07/2025 Time Analyzed: 10:35

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
VY0307SBS01	VY0307SBS01	VY021453.D	03/07/2025
T3	Q1463-03	VY021455.D	03/07/2025
T10	Q1463-10	VY021458.D	03/07/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0311SBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021475.D Lab Sample ID: VY0311SBL01

Date Analyzed: 03/11/2025 Time Analyzed: 10:12

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
VY0311SBS01	VY0311SBS01	VY021476.D	03/11/2025
T2	Q1463-02	VY021478.D	03/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021395.D BFB Injection Date: 03/04/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:52

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	20.6
75	30.0 - 60.0% of mass 95	54.3
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	1.4 (1.8) 1
174	50.0 - 100.0% of mass 95	77.8
175	5.0 - 9.0% of mass 174	6.6 (8.4) 1
176	95.0 - 101.0% of mass 174	75.7 (97.2) 1
177	5.0 - 9.0% of mass 176	5 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC010	VSTDICC010	VY021397.D	03/04/2025	09:46
VSTDICC020	VSTDICC020	VY021398.D	03/04/2025	10:09
VSTDICCC050	VSTDICCC050	VY021399.D	03/04/2025	10:30
VSTDICC100	VSTDICC100	VY021400.D	03/04/2025	11:06
VSTDICC150	VSTDICC150	VY021401.D	03/04/2025	11:29
VSTDICC005	VSTDICC005	VY021403.D	03/04/2025	12:15

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021425.D BFB Injection Date: 03/06/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:39

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	21.2
75	30.0 - 60.0% of mass 95	54
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	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	82.3
175	5.0 - 9.0% of mass 174	6.2 (7.5) 1
176	95.0 - 101.0% of mass 174	79.6 (96.8) 1
177	5.0 - 9.0% of mass 176	5.7 (7.1) 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	VY021426.D	03/06/2025	10:10
VY0306SBL01	VY0306SBL01	VY021427.D	03/06/2025	11:59
VY0306SBS01	VY0306SBS01	VY021428.D	03/06/2025	12:33
VY0306SBSD01	VY0306SBSD01	VY021429.D	03/06/2025	12:55
T1	Q1463-01	VY021441.D	03/06/2025	17:46
T5	Q1463-05	VY021442.D	03/06/2025	18:09
T4	Q1463-04	VY021443.D	03/06/2025	18:33
T6	Q1463-06	VY021444.D	03/06/2025	18:56
T7	Q1463-07	VY021445.D	03/06/2025	19:20
T8	Q1463-08	VY021446.D	03/06/2025	19:43
T9	Q1463-09	VY021447.D	03/06/2025	20:06

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021450.D BFB Injection Date: 03/07/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:27

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	20.7
75	30.0 - 60.0% of mass 95	53.8
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	1.3 (1.6) 1
174	50.0 - 100.0% of mass 95	81.7
175	5.0 - 9.0% of mass 174	6.7 (8.1) 1
176	95.0 - 101.0% of mass 174	77.6 (95) 1
177	5.0 - 9.0% of mass 176	5.3 (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	VY021451.D	03/07/2025	09:59
VY0307SBL01	VY0307SBL01	VY021452.D	03/07/2025	10:35
VY0307SBS01	VY0307SBS01	VY021453.D	03/07/2025	12:03
T3	Q1463-03	VY021455.D	03/07/2025	12:55
T10	Q1463-10	VY021458.D	03/07/2025	14:05

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021473.D BFB Injection Date: 03/11/2025

Instrument ID: MSVOA_Y BFB Injection Time: 09:00

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	19.5
75	30.0 - 60.0% of mass 95	53
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.9 (1.1) 1
174	50.0 - 100.0% of mass 95	84.5
175	5.0 - 9.0% of mass 174	6.4 (7.6) 1
176	95.0 - 101.0% of mass 174	80.4 (95.2) 1
177	5.0 - 9.0% of mass 176	5.4 (6.7) 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	VY021474.D	03/11/2025	09:42
VY0311SBL01	VY0311SBL01	VY021475.D	03/11/2025	10:12
VY0311SBS01	VY0311SBS01	VY021476.D	03/11/2025	11:03
T2	Q1463-02	VY021478.D	03/11/2025	12:01

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021426.D Date Analyzed: 03/06/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:10

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	228274	7.71	348529	8.61	321426	11.41
UPPER LIMIT	456548	8.207	697058	9.11	642852	11.914
LOWER LIMIT	114137	7.207	174265	8.11	160713	10.914
EPA SAMPLE NO.						
T1	222165	7.71	418468	8.62	361430	11.41
T4	230232	7.71	423986	8.62	354306	11.41
T5	226372	7.71	418613	8.62	362578	11.41
T6	224114	7.71	420682	8.62	363546	11.41
T7	227977	7.71	432286	8.62	378072	11.41
T8	214937	7.71	365717	8.62	278068	11.41
T9	211507	7.71	387107	8.62	337914	11.41
VY0306SBL01	249443	7.71	460921	8.62	405928	11.42
VY0306SBS01	200172	7.71	318431	8.62	292608	11.42
VY0306SBSD01	197190	7.71	317024	8.62	284896	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.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021426.D Date Analyzed: 03/06/2025

Instrument ID: MSVOA_Y Time Analyzed: 10:10

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

	IS4 AREA #	RT #				
12 HOUR STD	168733	13.346				
UPPER LIMIT	337466	13.846				
LOWER LIMIT	84366.5	12.846				
EPA SAMPLE NO.						
T1	139247	13.35				
T4	121402	13.35				
T5	131867	13.35				
T6	137758	13.35				
T7	143977	13.35				
T8	93699	13.35				
T9	129134	13.35				
VY0306SBL01	156000	13.35				
VY0306SBS01	152176	13.35				
VY0306SBSD01	145541	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.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021451.D Date Analyzed: 03/07/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:59

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	212653	7.71	324643	8.62	291936	11.42
UPPER LIMIT	425306	8.207	649286	9.116	583872	11.92
LOWER LIMIT	106327	7.207	162322	8.116	145968	10.92
EPA SAMPLE NO.						
T3	305147	7.68	465424	8.60	350362	11.43
T10	289637	7.71	520171	8.62	457030	11.41
VY0307SBL01	247432	7.71	455944	8.62	386511	11.42
VY0307SBS01	219868	7.71	343563	8.62	301562	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.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021451.D Date Analyzed: 03/07/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:59

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

	IS4 AREA #	RT #				
12 HOUR STD	151541	13.353				
UPPER LIMIT	303082	13.853				
LOWER LIMIT	75770.5	12.853				
EPA SAMPLE NO.						
T3	111224	13.36				
T10	176291	13.35				
VY0307SBL01	140975	13.35				
VY0307SBS01	152803	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.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021474.D Date Analyzed: 03/11/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:42

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	243763	7.71	363423	8.62	331214	11.42
UPPER LIMIT	487526	8.207	726846	9.116	662428	11.92
LOWER LIMIT	121882	7.207	181712	8.116	165607	10.92
EPA SAMPLE NO.						
T2	302993	7.68	461439	8.60	363901	11.43
VY0311SBL01	266206	7.71	468026	8.62	406786	11.41
VY0311SBS01	225793	7.71	350967	8.61	312829	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.: Q1463 SAS No.: Q1463 SDG NO.: Q1463

Lab File ID: VY021474.D Date Analyzed: 03/11/2025

Instrument ID: MSVOA_Y Time Analyzed: 09:42

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

	IS4 AREA #	RT #				
12 HOUR STD	170654	13.346				
UPPER LIMIT	341308	13.846				
LOWER LIMIT	85327	12.846				
EPA SAMPLE NO.						
T2	129475	13.35				
VY0311SBL01	157191	13.35				
VY0311SBS01	162394	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:	VY0306SBL01	SDG No.:	Q1463
Lab Sample ID:	VY0306SBL01	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
VY021427.D	1		03/06/25 11:59	VY030625

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:	VY0306SBL01	SDG No.:	Q1463
Lab Sample ID:	VY0306SBL01	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
VY021427.D	1		03/06/25 11:59	VY030625

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	58.4		70 (63) - 130 (155)	117%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 (70) - 130 (134)	102%	SPK: 50
2037-26-5	Toluene-d8	48.6		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.6		70 (38) - 130 (136)	87%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	249000	7.707			
540-36-3	1,4-Difluorobenzene	461000	8.616			
3114-55-4	Chlorobenzene-d5	406000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	156000	13.352			

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:	VY0307SBL01	SDG No.:	Q1463
Lab Sample ID:	VY0307SBL01	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
VY021452.D	1		03/07/25 10:35	VY030725

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:	VY0307SBL01	SDG No.:	Q1463
Lab Sample ID:	VY0307SBL01	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
VY021452.D	1		03/07/25 10:35	VY030725

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	55.4		70 (63) - 130 (155)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.1		70 (38) - 130 (136)	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	247000	7.707			
540-36-3	1,4-Difluorobenzene	456000	8.616			
3114-55-4	Chlorobenzene-d5	387000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.352			

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:	VY0311SBL01	SDG No.:	Q1463
Lab Sample ID:	VY0311SBL01	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
VY021475.D	1		03/11/25 10:12	vy031125

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:	VY0311SBL01	SDG No.:	Q1463
Lab Sample ID:	VY0311SBL01	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
VY021475.D	1		03/11/25 10:12	vy031125

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	53.3		70 (63) - 130 (155)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 (70) - 130 (134)	101%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (74) - 130 (123)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.5		70 (38) - 130 (136)	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	266000	7.707			
540-36-3	1,4-Difluorobenzene	468000	8.616			
3114-55-4	Chlorobenzene-d5	407000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	157000	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:	VY0306SBS01	SDG No.:	Q1463
Lab Sample ID:	VY0306SBS01	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
VY021428.D	1		03/06/25 12:33	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	20.3		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.0		0.77	5.00	ug/Kg
74-83-9	Bromomethane	21.8		1.00	5.00	ug/Kg
75-00-3	Chloroethane	21.0		1.00	5.00	ug/Kg
75-65-0	Tert butyl alcohol	95.8		15.6	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	19.1		0.78	5.00	ug/Kg
67-64-1	Acetone	79.7		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.7		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.0		0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	19.3		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.1		0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.2		0.63	5.00	ug/Kg
78-93-3	2-Butanone	93.5		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	18.5		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	20.1		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.2		0.78	5.00	ug/Kg
71-43-2	Benzene	19.4		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.2		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	18.8		0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.2		0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	19.8		0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		4.40	25.0	ug/Kg
108-88-3	Toluene	19.2		0.67	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.6		0.60	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.2		0.57	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.0		0.84	5.00	ug/Kg
591-78-6	2-Hexanone	98.1		4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.0		0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	18.3		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:	VY0306SBS01	SDG No.:	Q1463
Lab Sample ID:	VY0306SBS01	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
VY021428.D	1		03/06/25 12:33	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	18.6		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	17.8		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	36.6		1.40	10.0	ug/Kg
95-47-6	o-Xylene	18.2		0.70	5.00	ug/Kg
100-42-5	Styrene	18.6		0.60	5.00	ug/Kg
75-25-2	Bromoform	18.8		0.81	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	18.8		1.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		70 (63) - 130 (155)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (70) - 130 (134)	100%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (74) - 130 (123)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		70 (38) - 130 (136)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	200000	7.707			
540-36-3	1,4-Difluorobenzene	318000	8.616			
3114-55-4	Chlorobenzene-d5	293000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	152000	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:	VY0307SBS01	SDG No.:	Q1463
Lab Sample ID:	VY0307SBS01	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
VY021453.D	1		03/07/25 12:03	VY030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	20.2		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.7		0.77	5.00	ug/Kg
74-83-9	Bromomethane	20.6		1.00	5.00	ug/Kg
75-00-3	Chloroethane	21.5		1.00	5.00	ug/Kg
75-65-0	Tert butyl alcohol	110		15.6	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	19.4		0.78	5.00	ug/Kg
67-64-1	Acetone	120		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.9		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.4		0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	20.6		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	19.7		0.63	5.00	ug/Kg
78-93-3	2-Butanone	110		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.4		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.0		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	19.5		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.8		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	19.1		0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.0		0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	19.6		0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		4.40	25.0	ug/Kg
108-88-3	Toluene	19.6		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	19.2		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	110		4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.4		0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.6		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:	VY0307SBS01	SDG No.:	Q1463
Lab Sample ID:	VY0307SBS01	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
VY021453.D	1		03/07/25 12:03	VY030725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	19.0		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	38.9		1.40	10.0	ug/Kg
95-47-6	o-Xylene	19.1		0.70	5.00	ug/Kg
100-42-5	Styrene	19.3		0.60	5.00	ug/Kg
75-25-2	Bromoform	20.1		0.81	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.6		1.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		70 (63) - 130 (155)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (70) - 130 (134)	104%	SPK: 50
2037-26-5	Toluene-d8	51.9		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.9		70 (38) - 130 (136)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	220000	7.707			
540-36-3	1,4-Difluorobenzene	344000	8.616			
3114-55-4	Chlorobenzene-d5	302000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	153000	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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J = Estimated Value
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N = Presumptive Evidence of a Compound
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Fisal	Date Received:	
Client Sample ID:	VY0311SBS01	SDG No.:	Q1463
Lab Sample ID:	VY0311SBS01	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
VY021476.D	1		03/11/25 11:03	vy031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	19.6		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	19.8		0.77	5.00	ug/Kg
74-83-9	Bromomethane	19.4		1.00	5.00	ug/Kg
75-00-3	Chloroethane	21.4		1.00	5.00	ug/Kg
75-65-0	Tert butyl alcohol	79.8		15.6	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	18.1		0.78	5.00	ug/Kg
67-64-1	Acetone	120		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	17.6		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	17.2		0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	18.1		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	17.9		0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	18.6		0.63	5.00	ug/Kg
78-93-3	2-Butanone	99.2		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	18.0		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	18.2		0.61	5.00	ug/Kg
67-66-3	Chloroform	19.1		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	18.5		0.78	5.00	ug/Kg
71-43-2	Benzene	18.3		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	17.9		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	18.6		0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	18.2		0.66	5.00	ug/Kg
75-27-4	Bromodichloromethane	18.6		0.56	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	87.8		4.40	25.0	ug/Kg
108-88-3	Toluene	18.2		0.67	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	18.1		0.60	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	18.0		0.57	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	18.4		0.84	5.00	ug/Kg
591-78-6	2-Hexanone	97.6		4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	18.0		0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.5		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:	VY0311SBS01	SDG No.:	Q1463
Lab Sample ID:	VY0311SBS01	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
VY021476.D	1		03/11/25 11:03	vy031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	17.9		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	17.5		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	36.0		1.40	10.0	ug/Kg
95-47-6	o-Xylene	17.5		0.70	5.00	ug/Kg
100-42-5	Styrene	17.8		0.60	5.00	ug/Kg
75-25-2	Bromoform	17.8		0.81	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	16.6		1.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		70 (63) - 130 (155)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		70 (70) - 130 (134)	106%	SPK: 50
2037-26-5	Toluene-d8	52.2		70 (74) - 130 (123)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		70 (38) - 130 (136)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	226000	7.707			
540-36-3	1,4-Difluorobenzene	351000	8.609			
3114-55-4	Chlorobenzene-d5	313000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	162000	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:	VY0306SBSD01	SDG No.:	Q1463
Lab Sample ID:	VY0306SBSD01	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
VY021429.D	1		03/06/25 12:55	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
74-87-3	Chloromethane	20.8		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	21.0		0.77	5.00	ug/Kg
74-83-9	Bromomethane	20.9		1.00	5.00	ug/Kg
75-00-3	Chloroethane	22.2		1.00	5.00	ug/Kg
75-65-0	Tert butyl alcohol	110		15.6	25.0	ug/Kg
75-35-4	1,1-Dichloroethene	20.1		0.78	5.00	ug/Kg
67-64-1	Acetone	83.1		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	19.5		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.4		0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	20.4		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.1		0.84	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.5		0.63	5.00	ug/Kg
78-93-3	2-Butanone	95.3		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	18.7		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.2		0.61	5.00	ug/Kg
67-66-3	Chloroform	21.3		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	20.4		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	19.0		0.75	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		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	100		4.40	25.0	ug/Kg
108-88-3	Toluene	19.7		0.67	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.4		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	20.4		0.84	5.00	ug/Kg
591-78-6	2-Hexanone	96.5		4.80	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.9		0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	18.8		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:	VY0306SBSD01	SDG No.:	Q1463
Lab Sample ID:	VY0306SBSD01	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
VY021429.D	1		03/06/25 12:55	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
108-90-7	Chlorobenzene	19.2		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	18.6		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	37.8		1.40	10.0	ug/Kg
95-47-6	o-Xylene	18.8		0.70	5.00	ug/Kg
100-42-5	Styrene	19.5		0.60	5.00	ug/Kg
75-25-2	Bromoform	19.6		0.81	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.0		1.10	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.0		70 (63) - 130 (155)	110%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (70) - 130 (134)	104%	SPK: 50
2037-26-5	Toluene-d8	51.4		70 (74) - 130 (123)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (38) - 130 (136)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	197000	7.707			
540-36-3	1,4-Difluorobenzene	317000	8.616			
3114-55-4	Chlorobenzene-d5	285000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	146000	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.: Q1463 SAS No.: Q1463 SDG No.: Q1463

Instrument ID: MSVOA_Y Calibration Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:46 12:15

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

LAB FILE ID: RRF010 = VY021397.D RRF020 = VY021398.D RRF050 = VY021399.D
RRF100 = VY021400.D RRF150 = VY021401.D RRF005 = VY021403.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	$\overline{RRF}$	% RSD
Chloromethane	0.694	0.588	0.617	0.608	0.580	0.793	0.647	12.7
Vinyl Chloride	0.762	0.639	0.691	0.706	0.665	0.778	0.707	7.7
Bromomethane	0.555	0.450	0.468	0.483	0.468	0.641	0.511	14.4
Chloroethane	0.505	0.427	0.460	0.458	0.432	0.521	0.467	8.2
Tert butyl alcohol	0.049	0.036	0.038	0.030	0.033	0.061	0.041	28.3
1,1-Dichloroethene	0.542	0.460	0.506	0.512	0.494	0.566	0.514	7.2
Acetone	0.124	0.091	0.134	0.103	0.095	0.144	0.115	18.9
Carbon Disulfide	1.705	1.425	1.631	1.618	1.546	1.732	1.610	7
Methyl tert-butyl Ether	1.290	1.177	1.366	1.299	1.315	1.364	1.302	5.3
Methylene Chloride	0.717	0.538	0.552	0.530	0.507	0.788	0.605	19.4
trans-1,2-Dichloroethene	0.608	0.516	0.564	0.570	0.545	0.648	0.575	8.1
1,1-Dichloroethane	1.124	0.955	1.050	1.035	0.991	1.179	1.056	7.9
2-Butanone	0.160	0.136	0.181	0.149	0.151	0.180	0.159	11.2
Carbon Tetrachloride	0.627	0.538	0.587	0.595	0.579	0.625	0.592	5.6
cis-1,2-Dichloroethene	0.675	0.592	0.654	0.658	0.639	0.702	0.653	5.6
Chloroform	1.181	0.992	1.087	1.066	1.029	1.222	1.096	8.1
1,1,1-Trichloroethane	1.063	0.894	0.978	0.983	0.953	1.151	1.004	9
Benzene	1.554	1.366	1.542	1.540	1.473	1.618	1.515	5.7
1,2-Dichloroethane	0.446	0.386	0.436	0.414	0.408	0.453	0.424	6.1
Trichloroethene	0.390	0.349	0.381	0.384	0.378	0.415	0.383	5.5
1,2-Dichloropropane	0.371	0.333	0.368	0.358	0.347	0.388	0.361	5.3
Bromodichloromethane	0.550	0.485	0.548	0.535	0.521	0.559	0.533	5
4-Methyl-2-Pentanone	0.210	0.202	0.263	0.230	0.243	0.219	0.228	9.9
Toluene	0.952	0.853	0.988	0.997	0.958	0.983	0.955	5.6
t-1,3-Dichloropropene	0.447	0.420	0.499	0.495	0.495	0.461	0.470	6.8
cis-1,3-Dichloropropene	0.544	0.498	0.587	0.579	0.566	0.570	0.557	5.8
1,1,2-Trichloroethane	0.264	0.237	0.283	0.259	0.257	0.274	0.263	6
2-Hexanone	0.135	0.129	0.182	0.156	0.163	0.139	0.151	13.1
Dibromochloromethane	0.358	0.327	0.376	0.363	0.361	0.374	0.360	4.9
Tetrachloroethene	0.418	0.370	0.403	0.407	0.393	0.449	0.407	6.5

* 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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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG No.: Q1463

Instrument ID: MSVOA_Y Calibration Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:46 12:15

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

LAB FILE ID: RRF010 = VY021397.D RRF020 = VY021398.D RRF050 = VY021399.D
RRF100 = VY021400.D RRF150 = VY021401.D RRF005 = VY021403.D

COMPOUND	RRF010	RRF020	RRF050	RRF100	RRF150	RRF005	$\overline{RRF}$	% RSD
Chlorobenzene	1.194	1.065	1.186	1.192	1.165	1.283	1.181	5.9
Ethyl Benzene	2.005	1.825	2.135	2.209	2.146	2.115	2.072	6.7
m/p-Xylenes	0.761	0.705	0.822	0.833	0.803	0.797	0.787	6
o-Xylene	0.700	0.635	0.759	0.779	0.754	0.723	0.725	7.2
Styrene	1.133	1.084	1.277	1.306	1.267	1.151	1.203	7.6
Bromoform	0.227	0.213	0.250	0.237	0.238	0.235	0.233	5.3
1,1,2,2-Tetrachloroethane	0.712	0.637	0.727	0.667	0.690	0.737	0.695	5.4
1,2-Dichloroethane-d4	0.580	0.514	0.482	0.511	0.477	0.606	0.528	10
Dibromofluoromethane	0.348	0.315	0.296	0.332	0.311	0.371	0.329	8.3
Toluene-d8	1.276	1.179	1.135	1.289	1.203	1.384	1.244	7.2
4-Bromofluorobenzene	0.424	0.394	0.386	0.433	0.405	0.498	0.423	9.6

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG No.: Q1463

Instrument ID: MSVOA_Y Calibration Date/Time: 03/06/2025 10:10

Lab File ID: VY021426.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.647	0.644	0.1	-0.46	20
Vinyl Chloride	0.707	0.731		3.39	20
Bromomethane	0.511	0.498		-2.54	20
Chloroethane	0.467	0.503		7.71	20
Tert butyl alcohol	0.041	0.037		-9.76	20
1,1-Dichloroethene	0.514	0.484		-5.84	20
Acetone	0.115	0.095		-17.39	20
Carbon Disulfide	1.610	1.552		-3.6	20
Methyl tert-butyl Ether	1.302	1.385		6.38	20
Methylene Chloride	0.605	0.568		-6.12	20
trans-1,2-Dichloroethene	0.575	0.563		-2.09	20
1,1-Dichloroethane	1.056	1.061	0.1	0.47	20
2-Butanone	0.159	0.160		0.63	20
Carbon Tetrachloride	0.592	0.577		-2.53	20
cis-1,2-Dichloroethene	0.653	0.658		0.77	20
Chloroform	1.096	1.107		1	20
1,1,1-Trichloroethane	1.004	0.973		-3.09	20
Benzene	1.515	1.544		1.91	20
1,2-Dichloroethane	0.424	0.447		5.43	20
Trichloroethene	0.383	0.378		-1.3	20
1,2-Dichloropropane	0.361	0.373		3.32	20
Bromodichloromethane	0.533	0.559		4.88	20
4-Methyl-2-Pentanone	0.228	0.266		16.67	20
Toluene	0.955	0.975		2.09	20
t-1,3-Dichloropropene	0.470	0.512		8.94	20
cis-1,3-Dichloropropene	0.557	0.587		5.39	20
1,1,2-Trichloroethane	0.263	0.285		8.36	20
2-Hexanone	0.151	0.180		19.2	20
Dibromochloromethane	0.360	0.391		8.61	20
Tetrachloroethene	0.407	0.384		-5.65	20
Chlorobenzene	1.181	1.160	0.3	-1.78	20
Ethyl Benzene	2.072	2.064		-0.39	20
m/p-Xylenes	0.787	0.784		-0.38	20
o-Xylene	0.725	0.733		1.1	20
Styrene	1.203	1.259		4.66	20
Bromoform	0.233	0.247	0.1	6.01	20
1,1,2,2-Tetrachloroethane	0.695	0.694	0.3	-0.14	20
1,2-Dichloroethane-d4	0.528	0.564		6.82	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.: Q1463 SAS No.: Q1463 SDG No.: Q1463

Instrument ID: MSVOA_Y Calibration Date/Time: 03/06/2025 10:10

Lab File ID: VY021426.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.329	0.349		6.08	20
Toluene-d8	1.244	1.310		5.3	20
4-Bromofluorobenzene	0.423	0.469		10.88	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.: Q1463 SAS No.: Q1463 SDG No.: Q1463

Instrument ID: MSVOA_Y Calibration Date/Time: 03/07/2025 09:59

Lab File ID: VY021451.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.647	0.662	0.1	2.32	20
Vinyl Chloride	0.707	0.776		9.76	20
Bromomethane	0.511	0.511		0	20
Chloroethane	0.467	0.546		16.92	20
Tert butyl alcohol	0.041	0.030		-26.83	20
1,1-Dichloroethene	0.514	0.513		-0.19	20
Acetone	0.115	0.121		5.22	20
Carbon Disulfide	1.610	1.632		1.37	20
Methyl tert-butyl Ether	1.302	1.304		0.15	20
Methylene Chloride	0.605	0.575		-4.96	20
trans-1,2-Dichloroethene	0.575	0.587		2.09	20
1,1-Dichloroethane	1.056	1.095	0.1	3.69	20
2-Butanone	0.159	0.163		2.52	20
Carbon Tetrachloride	0.592	0.617		4.22	20
cis-1,2-Dichloroethene	0.653	0.675		3.37	20
Chloroform	1.096	1.152		5.11	20
1,1,1-Trichloroethane	1.004	1.033		2.89	20
Benzene	1.515	1.595		5.28	20
1,2-Dichloroethane	0.424	0.448		5.66	20
Trichloroethene	0.383	0.395		3.13	20
1,2-Dichloropropane	0.361	0.384		6.37	20
Bromodichloromethane	0.533	0.567		6.38	20
4-Methyl-2-Pentanone	0.228	0.236		3.51	20
Toluene	0.955	1.025		7.33	20
t-1,3-Dichloropropene	0.470	0.503		7.02	20
cis-1,3-Dichloropropene	0.557	0.592		6.28	20
1,1,2-Trichloroethane	0.263	0.278		5.7	20
2-Hexanone	0.151	0.163		7.95	20
Dibromochloromethane	0.360	0.381		5.83	20
Tetrachloroethene	0.407	0.413		1.47	20
Chlorobenzene	1.181	1.219	0.3	3.22	20
Ethyl Benzene	2.072	2.220		7.14	20
m/p-Xylenes	0.787	0.846		7.5	20
o-Xylene	0.725	0.771		6.34	20
Styrene	1.203	1.319		9.64	20
Bromoform	0.233	0.240	0.1	3	20
1,1,2,2-Tetrachloroethane	0.695	0.681	0.3	-2.01	20
1,2-Dichloroethane-d4	0.528	0.557		5.49	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1463 SAS No.: Q1463 SDG No.: Q1463

Instrument ID: MSVOA_Y Calibration Date/Time: 03/07/2025 09:59

Lab File ID: VY021451.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.329	0.352		6.99	20
Toluene-d8	1.244	1.351		8.6	20
4-Bromofluorobenzene	0.423	0.461		8.98	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.: Q1463 SAS No.: Q1463 SDG No.: Q1463

Instrument ID: MSVOA_Y Calibration Date/Time: 03/11/2025 09:42

Lab File ID: VY021474.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.647	0.619	0.1	-4.33	20
Vinyl Chloride	0.707	0.717		1.41	20
Bromomethane	0.511	0.467		-8.61	20
Chloroethane	0.467	0.485		3.85	20
Tert butyl alcohol	0.041	0.033		-19.51	20
1,1-Dichloroethene	0.514	0.478		-7	20
Acetone	0.115	0.100		-13.04	20
Carbon Disulfide	1.610	1.485		-7.76	20
Methyl tert-butyl Ether	1.302	1.276		-2	20
Methylene Chloride	0.605	0.529		-12.56	20
trans-1,2-Dichloroethene	0.575	0.544		-5.39	20
1,1-Dichloroethane	1.056	0.992	0.1	-6.06	20
2-Butanone	0.159	0.150		-5.66	20
Carbon Tetrachloride	0.592	0.586		-1.01	20
cis-1,2-Dichloroethene	0.653	0.626		-4.14	20
Chloroform	1.096	1.037		-5.38	20
1,1,1-Trichloroethane	1.004	0.951		-5.28	20
Benzene	1.515	1.491		-1.58	20
1,2-Dichloroethane	0.424	0.423		-0.24	20
Trichloroethene	0.383	0.375		-2.09	20
1,2-Dichloropropane	0.361	0.356		-1.38	20
Bromodichloromethane	0.533	0.534		0.19	20
4-Methyl-2-Pentanone	0.228	0.243		6.58	20
Toluene	0.955	0.954		-0.1	20
t-1,3-Dichloropropene	0.470	0.485		3.19	20
cis-1,3-Dichloropropene	0.557	0.562		0.9	20
1,1,2-Trichloroethane	0.263	0.268		1.9	20
2-Hexanone	0.151	0.166		9.93	20
Dibromochloromethane	0.360	0.368		2.22	20
Tetrachloroethene	0.407	0.400		-1.72	20
Chlorobenzene	1.181	1.133	0.3	-4.06	20
Ethyl Benzene	2.072	2.033		-1.88	20
m/p-Xylenes	0.787	0.775		-1.52	20
o-Xylene	0.725	0.727		0.28	20
Styrene	1.203	1.227		2	20
Bromoform	0.233	0.241	0.1	3.43	20
1,1,2,2-Tetrachloroethane	0.695	0.661	0.3	-4.89	20
1,2-Dichloroethane-d4	0.528	0.407		-22.92	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.: Q1463 SAS No.: Q1463 SDG No.: Q1463

Instrument ID: MSVOA_Y Calibration Date/Time: 03/11/2025 09:42

Lab File ID: VY021474.D Init. Calib. Date(s): 03/04/2025 03/04/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:46 12:15

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.329	0.262		-20.36	20
Toluene-d8	1.244	0.971		-21.94	20
4-Bromofluorobenzene	0.423	0.342		-19.15	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\VY030625\
Data File : VY021441.D
Acq On : 06 Mar 2025 17:46
Operator : SY/MD
Sample : Q1463-01
Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T1

Quant Time: Mar 07 00:41:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	222165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	418468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	361430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	139247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148589	63.279	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 126.560%			
35) Dibromofluoromethane	7.634	113	144278	52.452	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.900%			
50) Toluene-d8	10.109	98	419298	40.260	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 80.520%			
62) 4-Bromofluorobenzene	12.408	95	149255	42.130	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.260%			

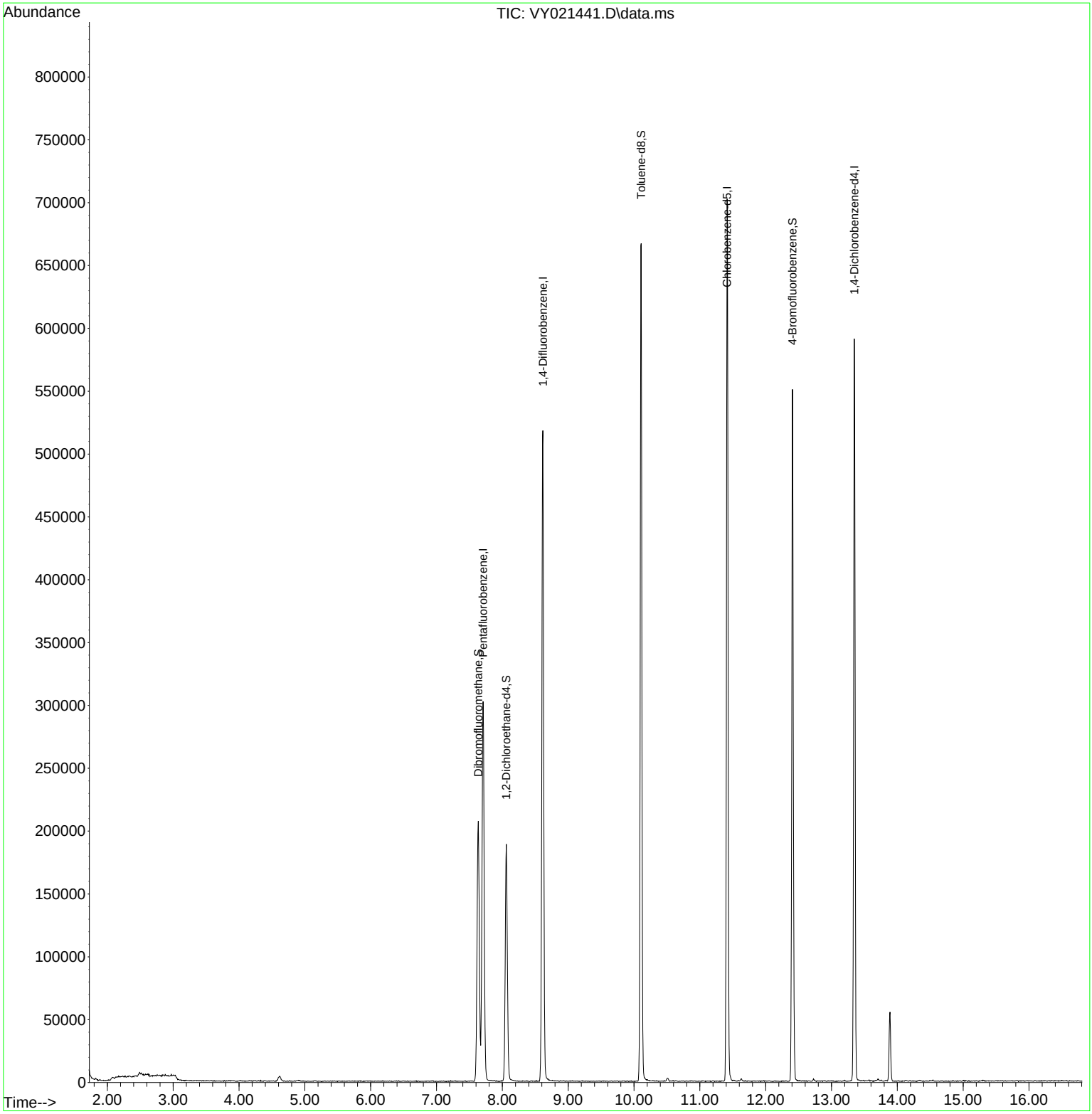
Target Compounds Qvalue

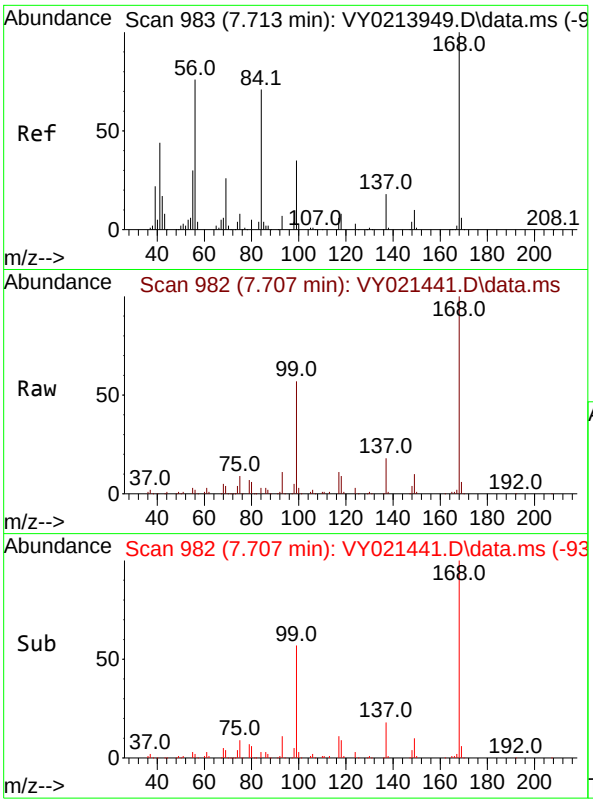
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021441.D
Acq On : 06 Mar 2025 17:46
Operator : SY/MD
Sample : Q1463-01
Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T1

Quant Time: Mar 07 00:41:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



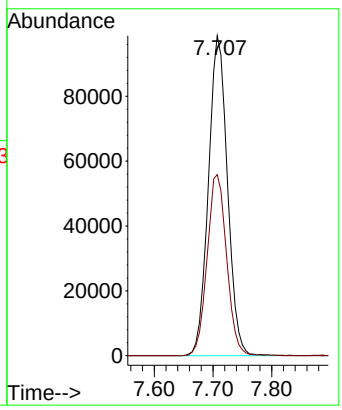


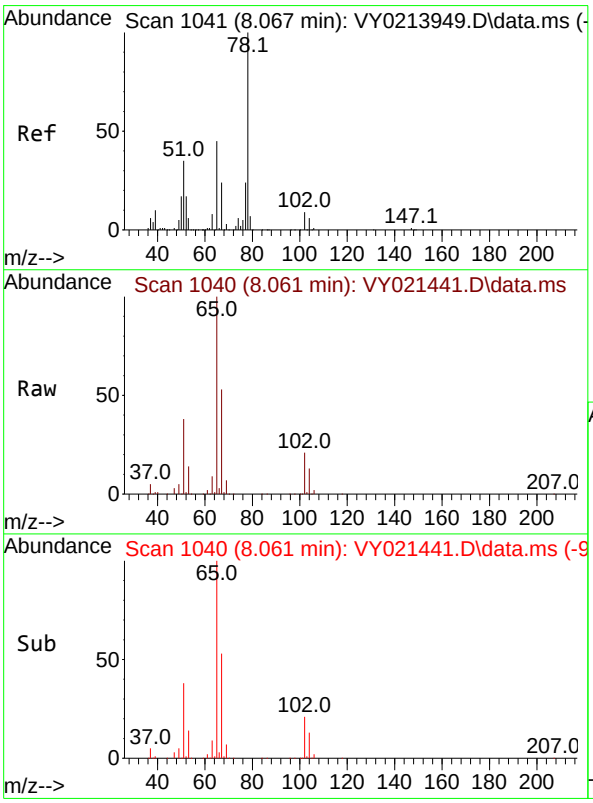
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021441.D
Acq: 06 Mar 2025 17:46

Instrument :
MSVOA_Y
ClientSampleId :
T1

Tgt Ion:168 Resp: 222165

Ion	Ratio	Lower	Upper
168	100		
99	56.6	46.0	69.0

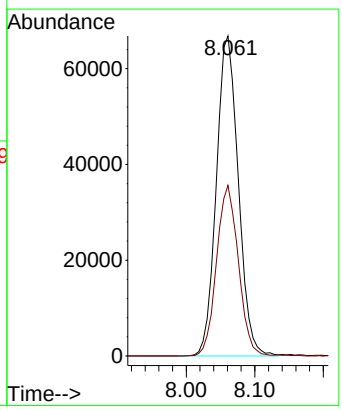


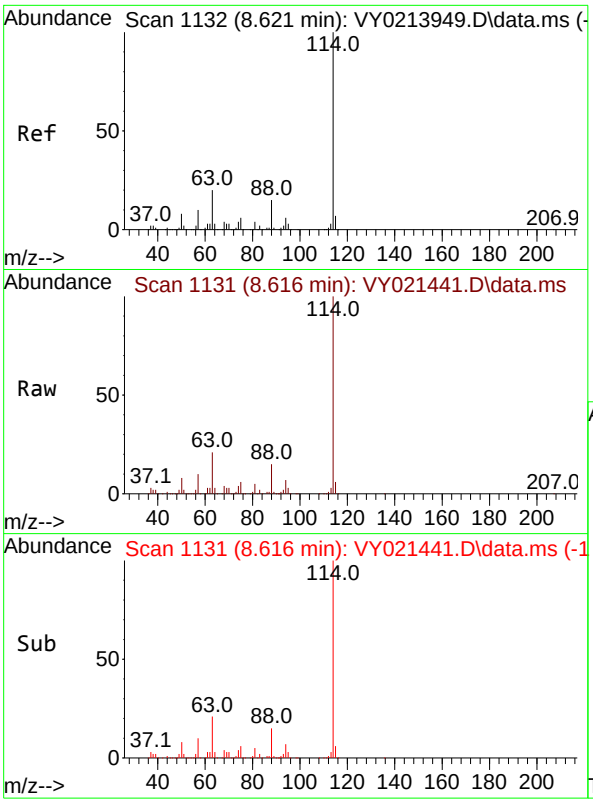


#33
1,2-Dichloroethane-d4
Concen: 63.279 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021441.D
Acq: 06 Mar 2025 17:46

Tgt Ion: 65 Resp: 148589

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	102.8



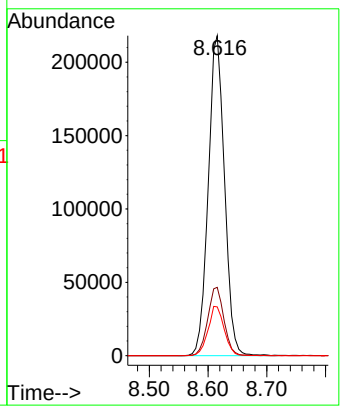


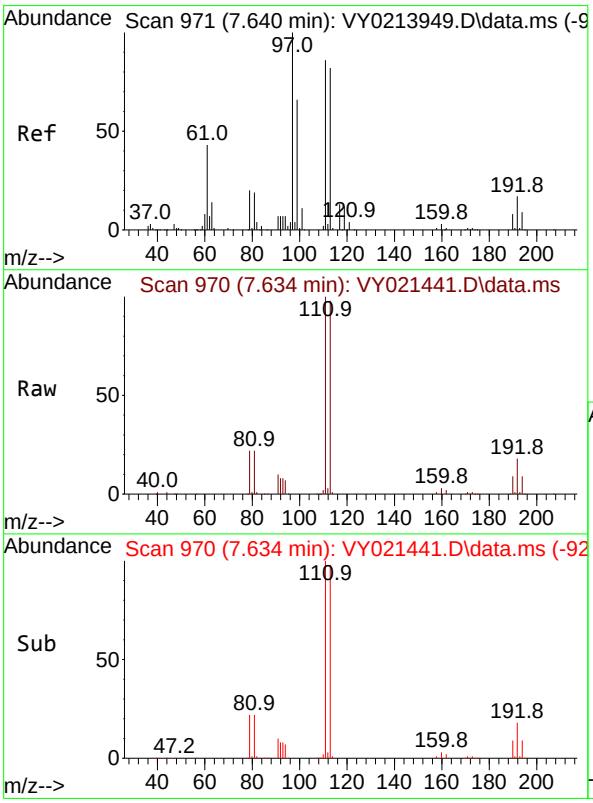
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021441.D
Acq: 06 Mar 2025 17:46

Instrument :
MSVOA_Y
ClientSampleId :
T1

Tgt Ion:114 Resp: 418468

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	15.2	0.0	30.8

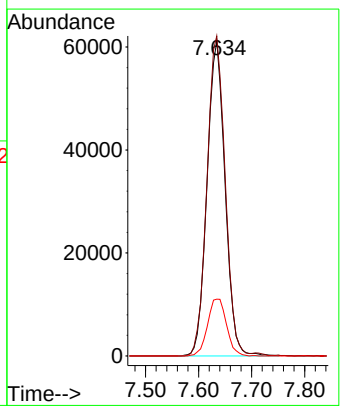


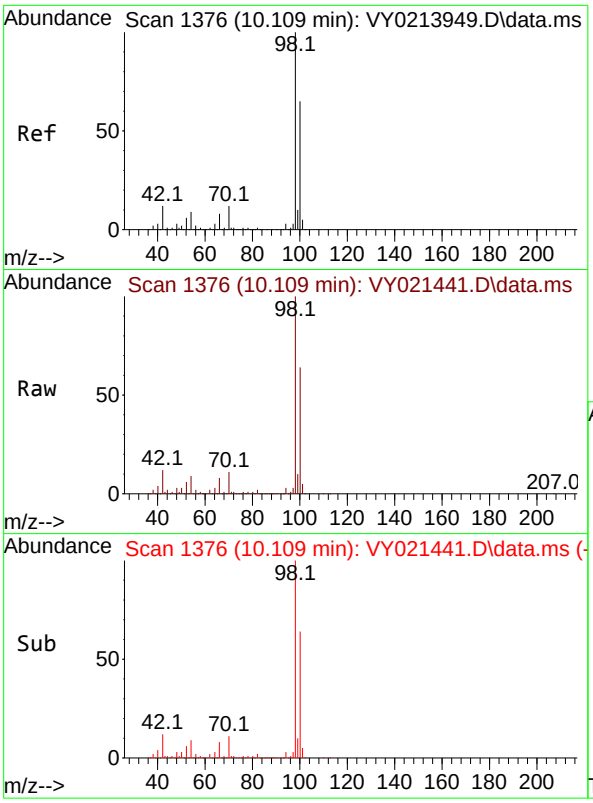


#35
Dibromofluoromethane
Concen: 52.452 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021441.D
Acq: 06 Mar 2025 17:46

Tgt Ion:113 Resp: 144278

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	19.0	15.9	23.9



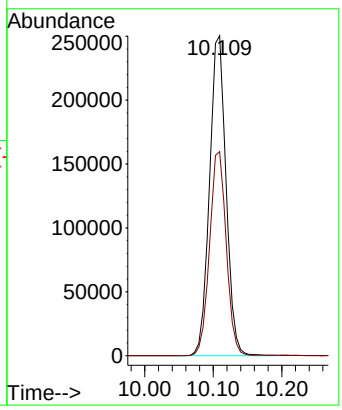


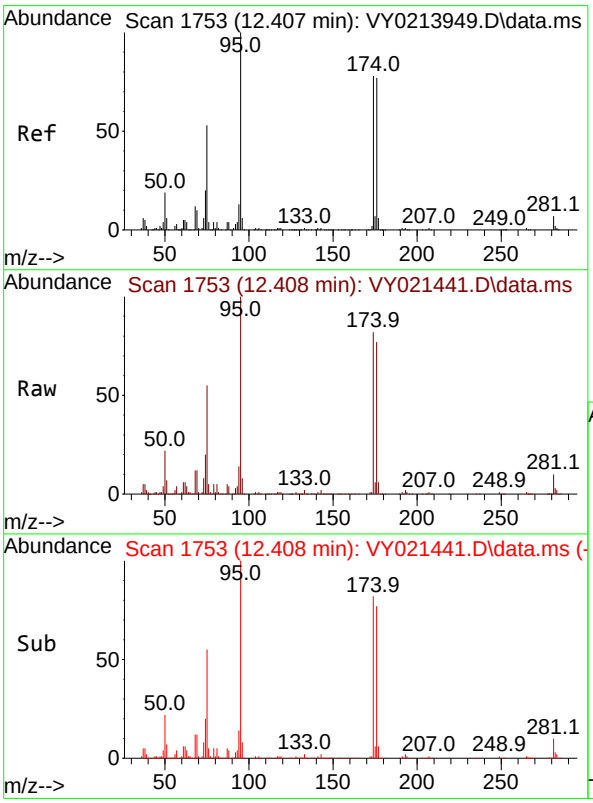
#50
Toluene-d8
Concen: 40.260 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021441.D
Acq: 06 Mar 2025 17:46

Instrument :
MSVOA_Y
ClientSampleId :
T1

Tgt Ion: 98 Resp: 419298

Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.1	78.1

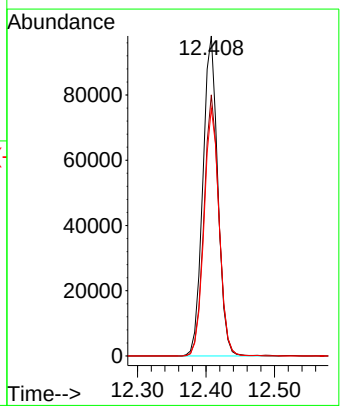


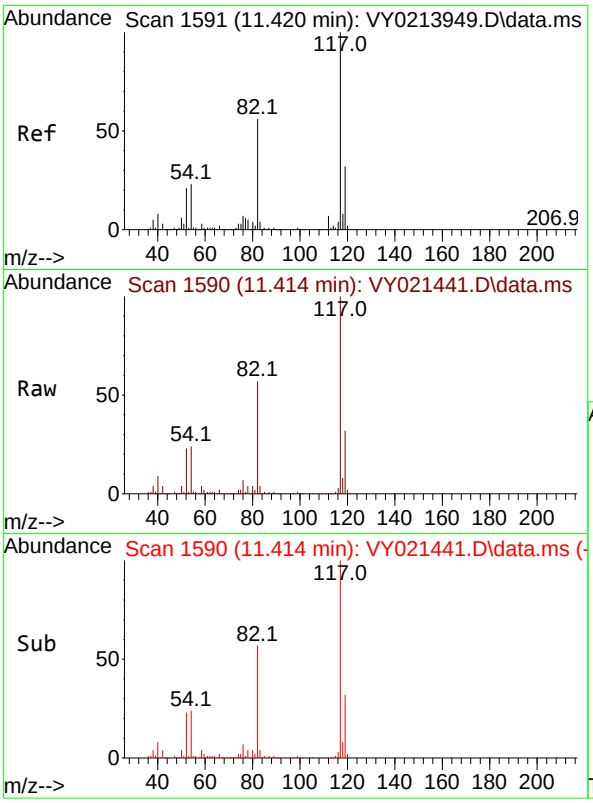


#62
4-Bromofluorobenzene
Concen: 42.130 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021441.D
Acq: 06 Mar 2025 17:46

Tgt Ion: 95 Resp: 149255

Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	165.0
176	78.1	0.0	160.0



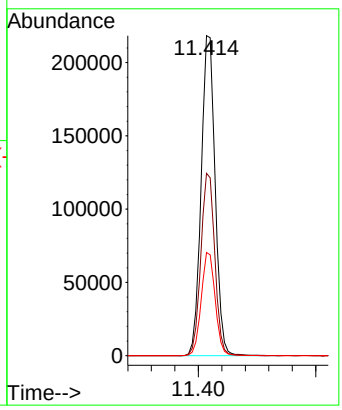


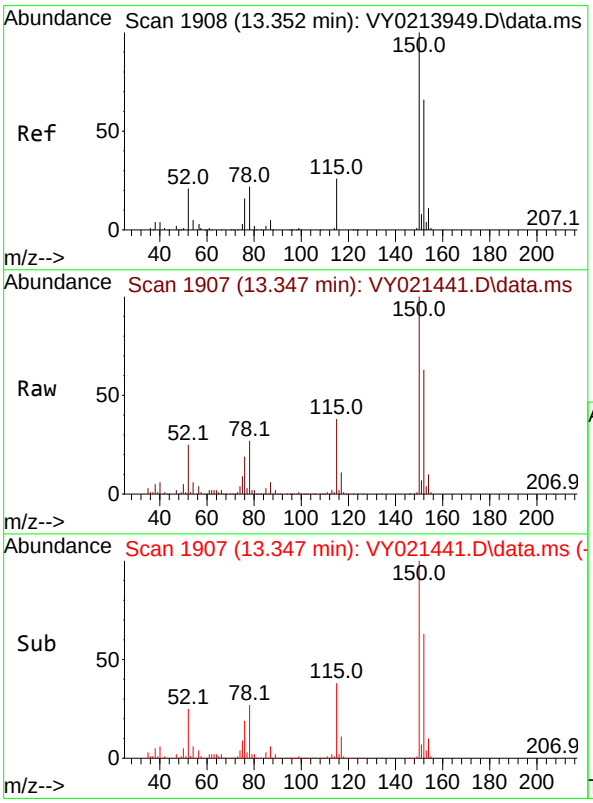
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021441.D
Acq: 06 Mar 2025 17:46

Instrument :
MSVOA_Y
ClientSampleId :
T1

Tgt Ion:117 Resp: 361430

Ion	Ratio	Lower	Upper
117	100		
82	57.0	44.6	67.0
119	32.3	25.4	38.0

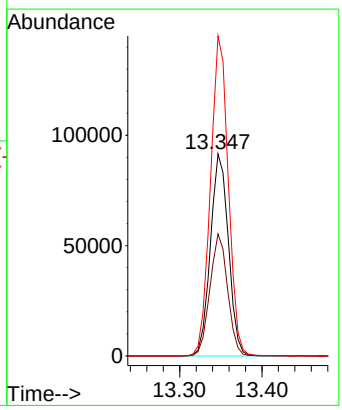




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021441.D
Acq: 06 Mar 2025 17:46

Tgt Ion:152 Resp: 139247

Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.0	87.0
150	156.6	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021441.D
Acq On : 06 Mar 2025 17:46
Operator : SY/MD
Sample : Q1463-01
Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021441.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	960	970	976	rBV	207157	496975	42.82%	7.317%
2	7.707	976	982	995	rVB	301551	683209	58.87%	10.060%
3	8.061	1029	1040	1060	rBV	188663	421544	36.32%	6.207%
4	8.616	1122	1131	1143	rBV	517781	1011640	87.17%	14.895%
5	10.109	1368	1376	1390	rBV	666404	1138831	98.13%	16.768%
6	11.414	1581	1590	1603	rBV	702077	1160529	100.00%	17.088%
7	12.408	1746	1753	1765	rVB2	550146	899906	77.54%	13.250%
8	13.347	1900	1907	1916	rBV	590193	887870	76.51%	13.073%
9	13.889	1989	1996	2003	rVB	55142	91170	7.86%	1.342%

Sum of corrected areas: 6791674

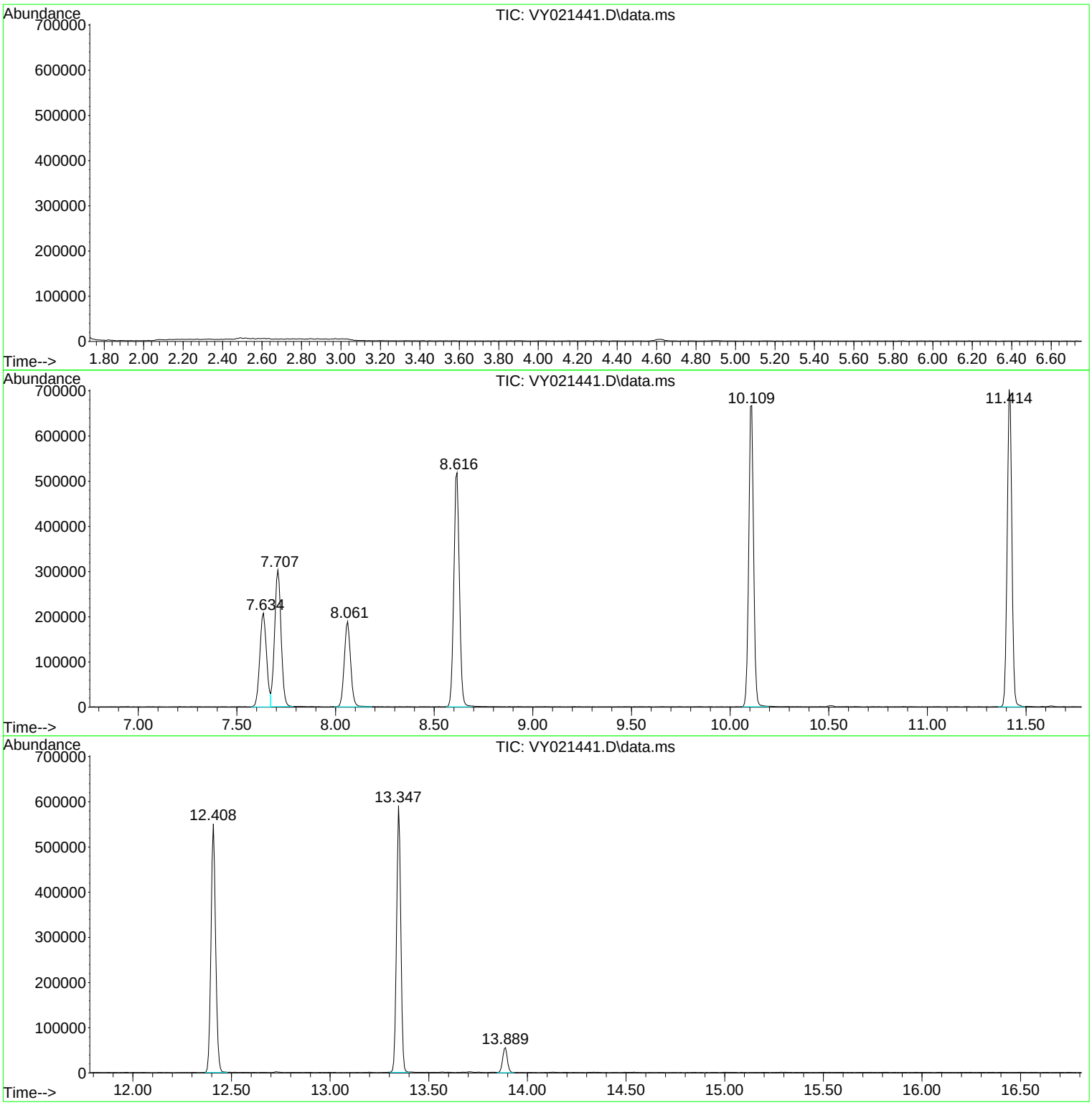
Sample Results: **VY021441.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021441.D
Acq On : 06 Mar 2025 17:46
Operator : SY/MD
Sample : Q1463-01
Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021441.D
Acq On : 06 Mar 2025 17:46
Operator : SY/MD
Sample : Q1463-01
Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021441.D
Acq On : 06 Mar 2025 17:46
Operator : SY/MD
Sample : Q1463-01
Misc : 6.09g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 06:43:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
T2

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.683	168	302993m	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	8.603	114	461439m	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.426	117	363901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	129475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	127510m	39.816	ug/l	-0.02
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.640%		
35) Dibromofluoromethane	7.622	113	113022m	37.263	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery =	74.520%		
50) Toluene-d8	10.103	98	541391m	47.142	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.280%		
62) 4-Bromofluorobenzene	12.414	95	144941	37.103	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	74.200%		
Target Compounds						Qvalue
10) Methyl Iodide	3.866	142	28491	8.210	ug/l	94
20) Methylene Chloride	4.525	84	50714m	13.832	ug/l	
52) Toluene	10.170	92	69898m	7.927	ug/l	
67) Ethyl Benzene	11.524	91	25136	1.667	ug/l	94
68) m/p-Xylenes	11.639	106	63055	11.011	ug/l	99
69) o-Xylene	11.956	106	22273	4.220	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	17440	2.104	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	30286	3.680	ug/l	99
95) Naphthalene	15.151	128	3892	2.557	ug/l #	87

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

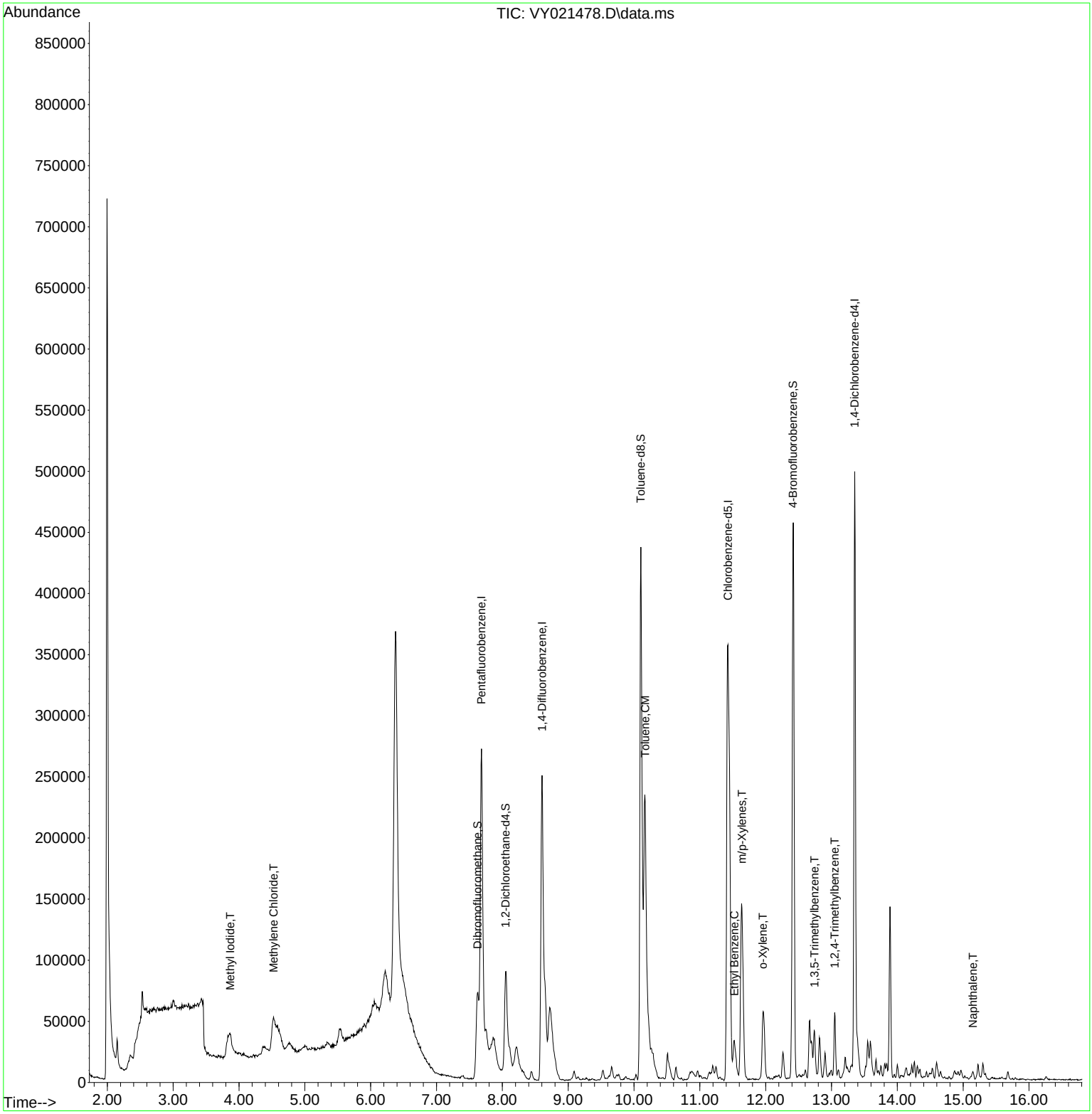
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 06:43:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
T2

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



5

Instrument :
MSVOA_Y
ClientSampleId :
T2

Manual Integrations
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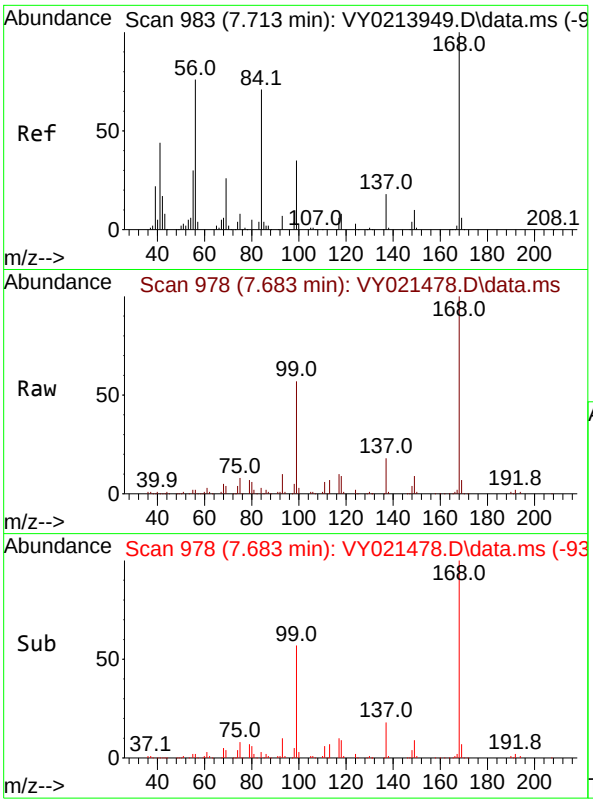
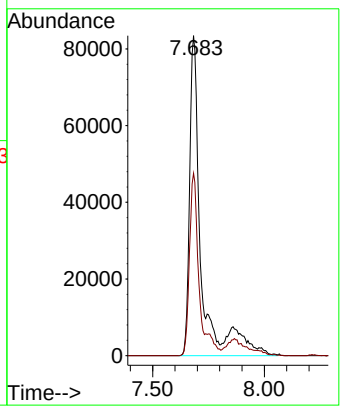
Supervised By :Mahesh Dadoda 03/12/2025

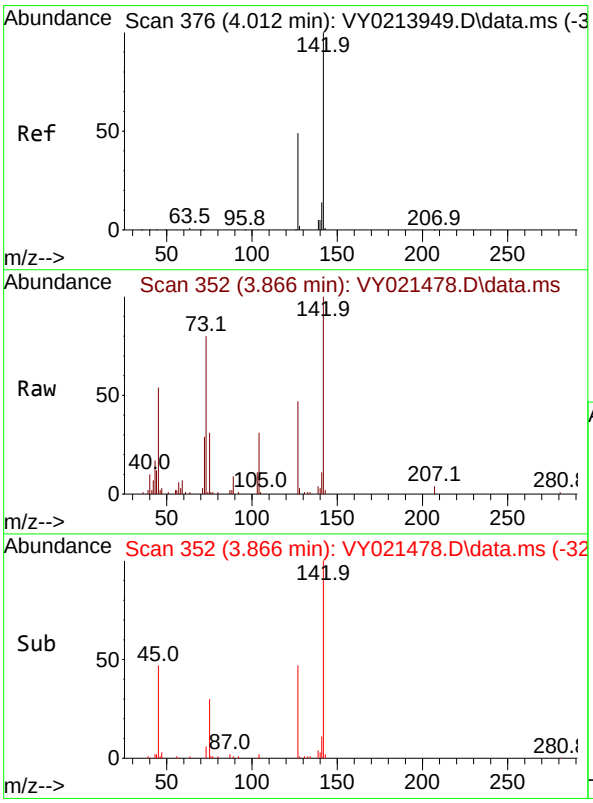


#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 7.683 min Scan# 9
Delta R.T. -0.030 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:168 Resp: 30299

Ion	Ratio	Lower	Upper
168	100		
99	57.0	46.0	69.0

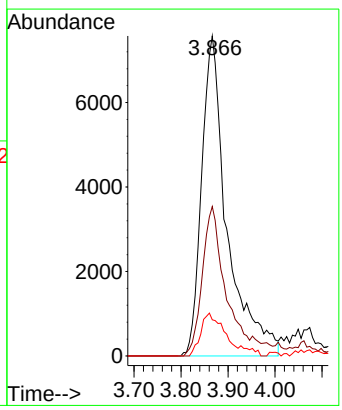




#10
Methyl Iodide
Concen: 8.210 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.146 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:142 Resp: 28491

Ion	Ratio	Lower	Upper
142	100		
127	45.3	39.1	58.7
141	12.1	11.8	17.6



5

Instrument :
MSVOA_Y
ClientSampleId :
T2

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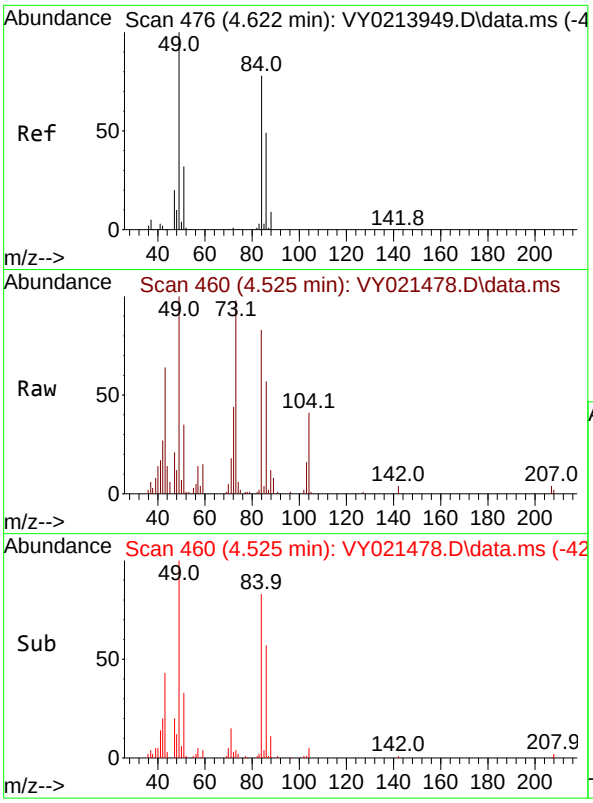
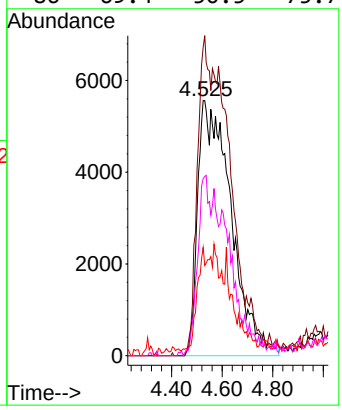
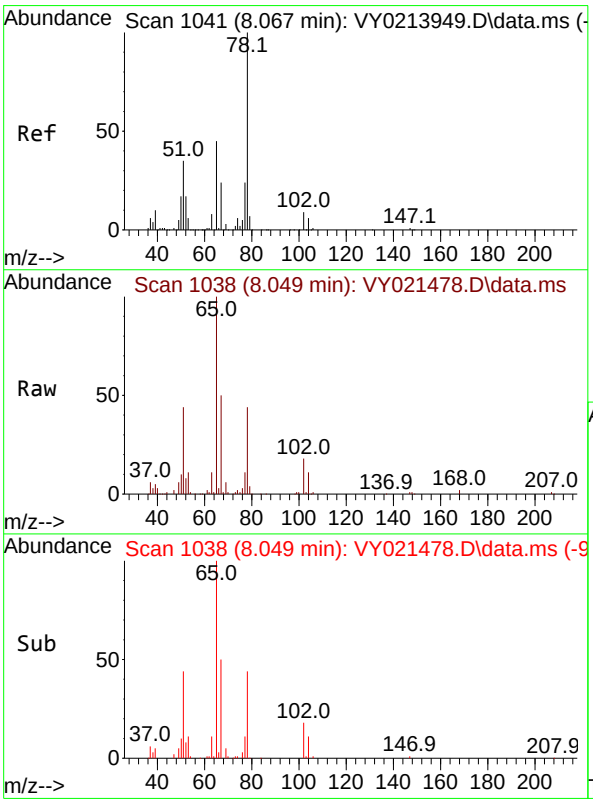


#20
Methylene Chloride
Concen: 13.832 ug/l m
RT: 4.525 min Scan# 4
Delta R.T. -0.097 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion: 84 Resp: 5071

Ion	Ratio	Lower	Upper
84	100		
49	120.9	102.0	153.0
51	42.4	33.0	49.6
86	69.4	50.5	75.7

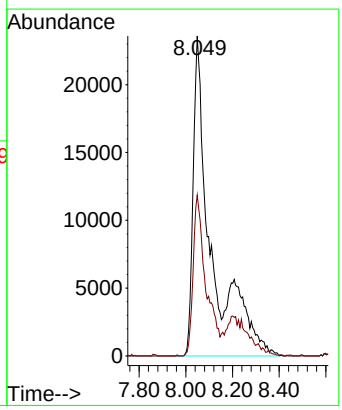


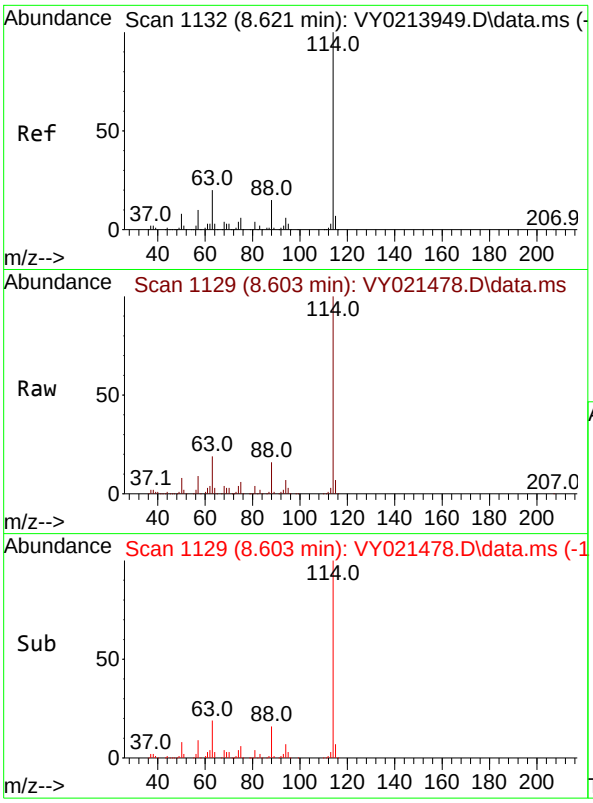


#33
1,2-Dichloroethane-d4
Concen: 39.816 ug/l m
RT: 8.049 min Scan# 1038
Delta R.T. -0.018 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion: 65 Resp: 127510

Ion	Ratio	Lower	Upper
65	100		
67	35.9	0.0	102.8

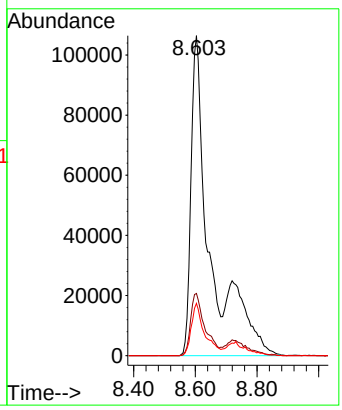




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l m
RT: 8.603 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:114 Resp: 46143

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	40.8
88	16.3	0.0	30.8



Instrument :
MSVOA_Y
ClientSampleId :
T2

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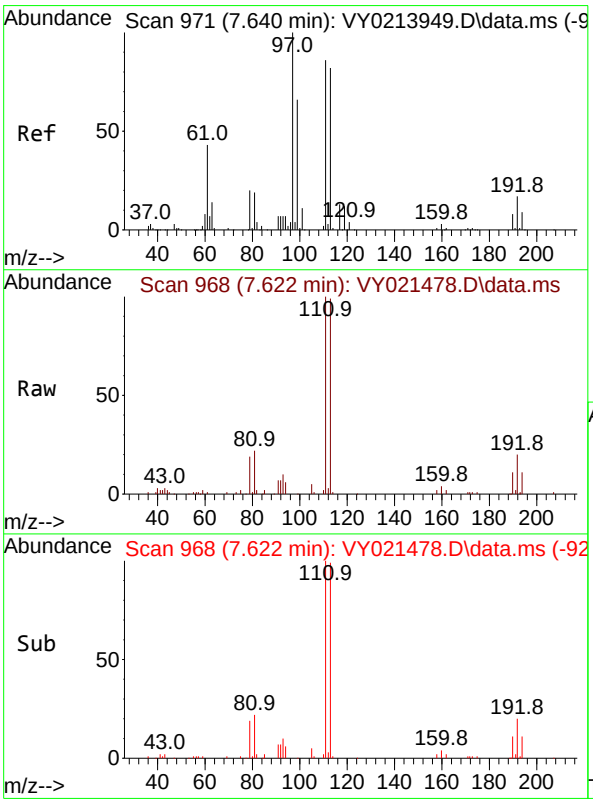
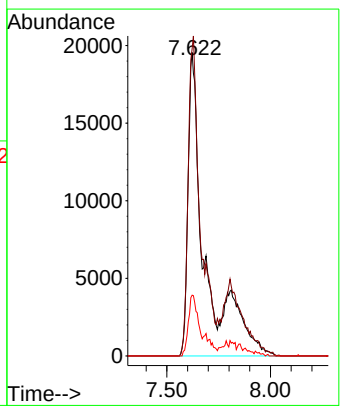
Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

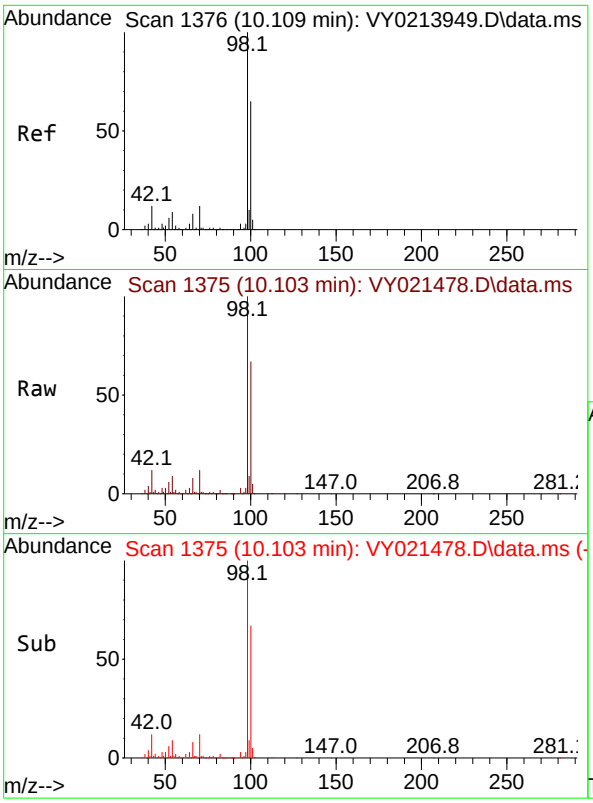


#35
Dibromofluoromethane
Concen: 37.263 ug/l m
RT: 7.622 min Scan# 968
Delta R.T. -0.018 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:113 Resp: 113022

Ion	Ratio	Lower	Upper
113	100		
111	74.3	82.0	123.0#
192	11.3	15.9	23.9#

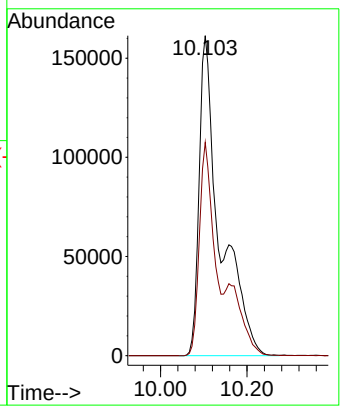




#50
Toluene-d8
Concen: 47.142 ug/l m
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion: 98 Resp: 54139

Ion	Ratio	Lower	Upper
98	100		
100	47.4	52.1	78.1#



Instrument :
MSVOA_Y
ClientSampleId :
T2

Manual Integrations
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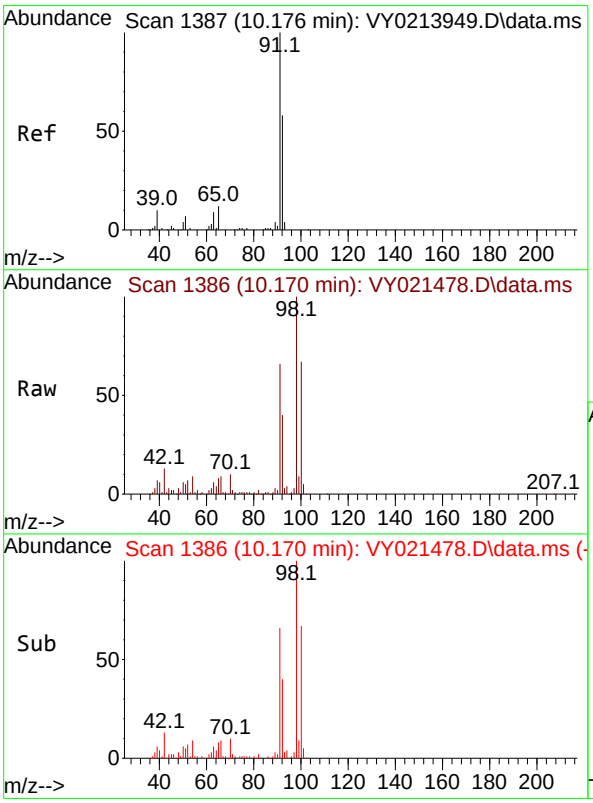
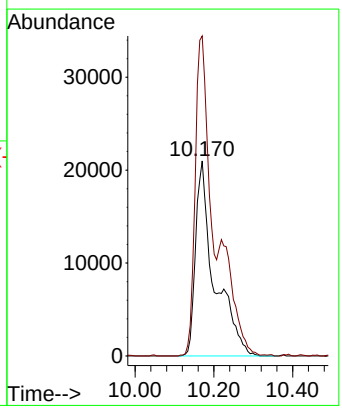
Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



#52
Toluene
Concen: 7.927 ug/l m
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion: 92 Resp: 69898

Ion	Ratio	Lower	Upper
92	100		
91	123.1	138.2	207.2#



5

Instrument :
MSVOA_Y
ClientSampleId :
T2

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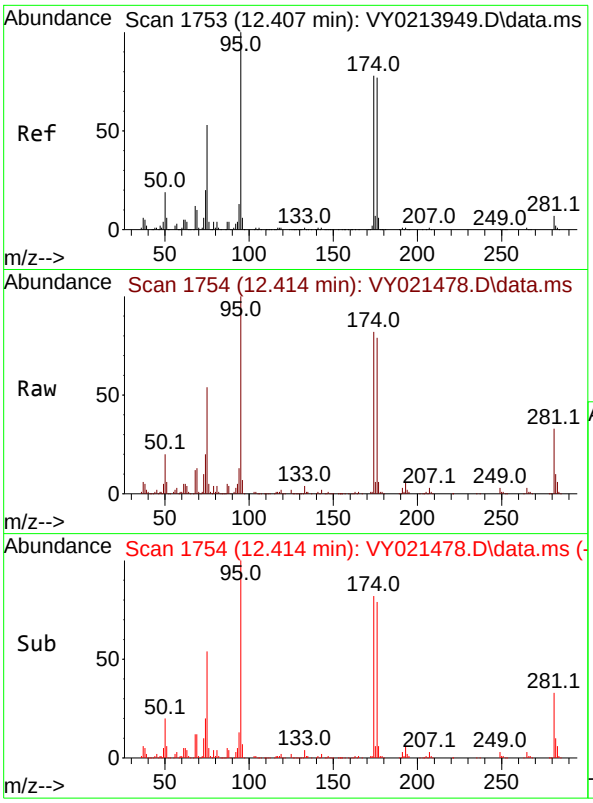
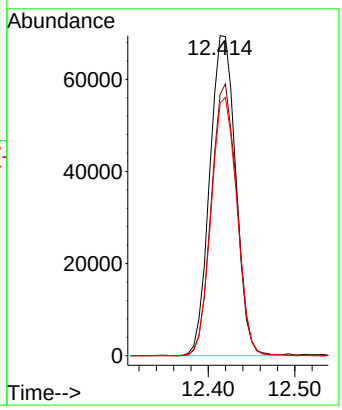
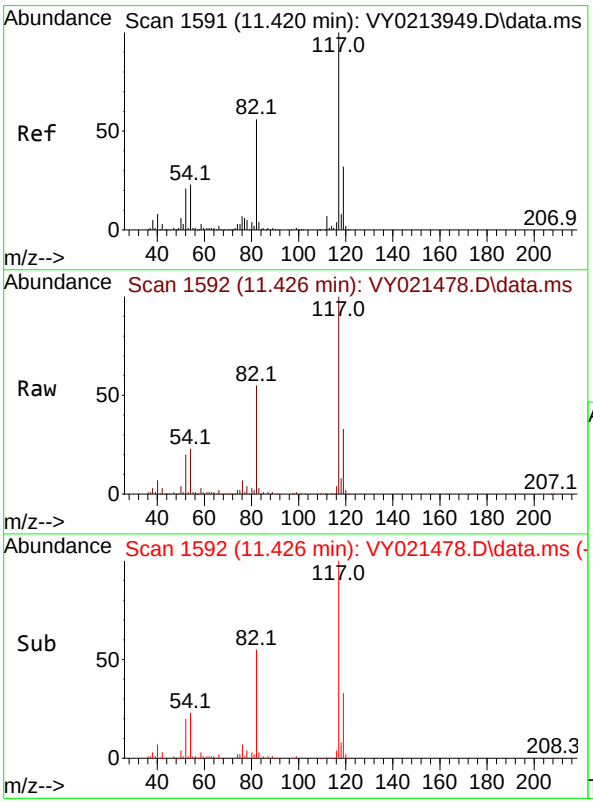


#62
4-Bromofluorobenzene
Concen: 37.103 ug/l
RT: 12.414 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion: 95 Resp: 14494

Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	165.0
176	80.4	0.0	160.0

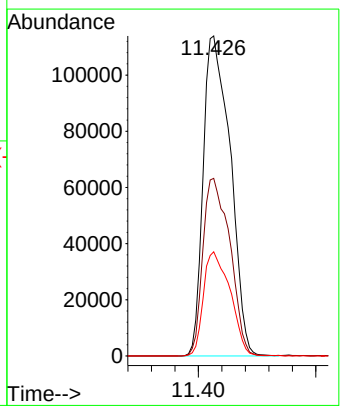


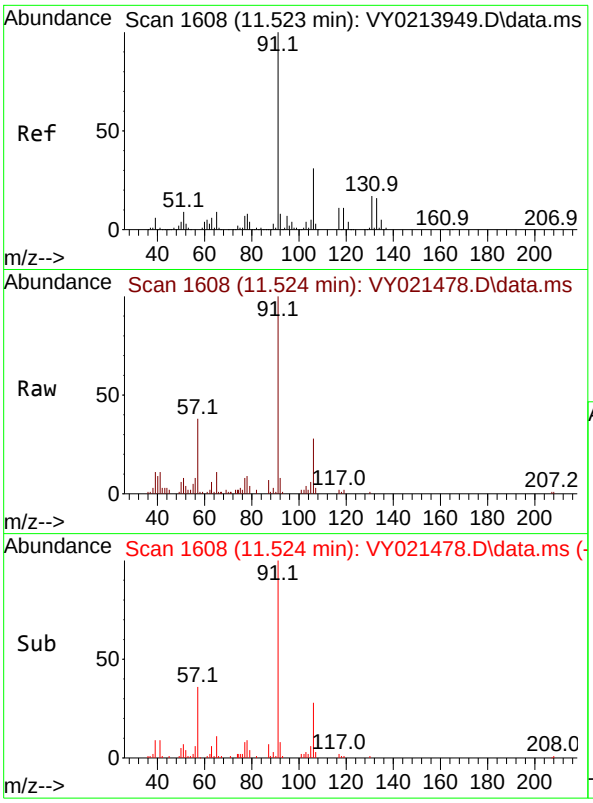


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:117 Resp: 363901

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	67.0
119	32.5	25.4	38.0

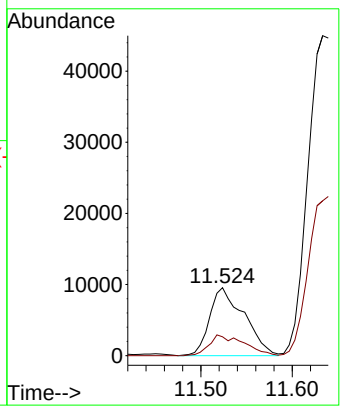




#67
Ethyl Benzene
Concen: 1.667 ug/l
RT: 11.524 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion: 91 Resp: 2513

Ion	Ratio	Lower	Upper
91	100		
106	27.7	24.6	36.8



Instrument :
MSVOA_Y
ClientSampleId :
T2

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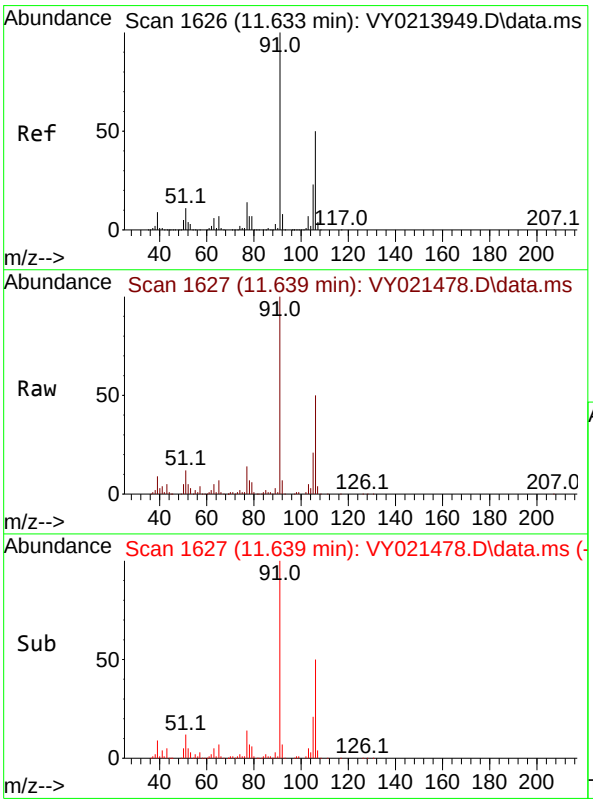
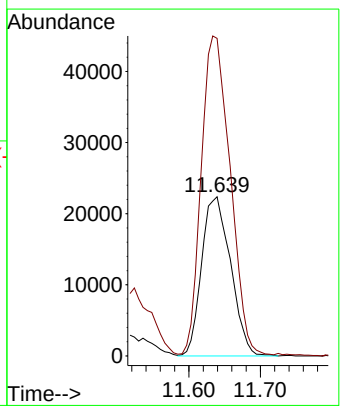
Supervised By :Mahesh Dadoda 03/12/2025

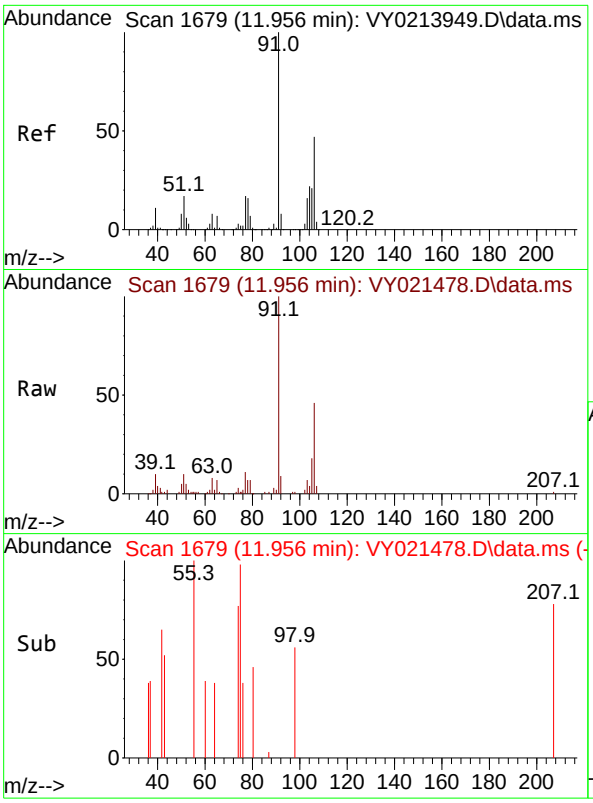


#68
m/p-Xylenes
Concen: 11.011 ug/l
RT: 11.639 min Scan# 1627
Delta R.T. 0.006 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:106 Resp: 63055

Ion	Ratio	Lower	Upper
106	100		
91	199.9	161.7	242.5





#69
o-Xylene
Concen: 4.220 ug/l
RT: 11.956 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Instrument :
MSVOA_Y
ClientSampleId :
T2

Tgt Ion:106 Resp: 2227

Ion	Ratio	Lower	Upper
106	100		
91	214.7	107.6	322.8

Manual Integrations
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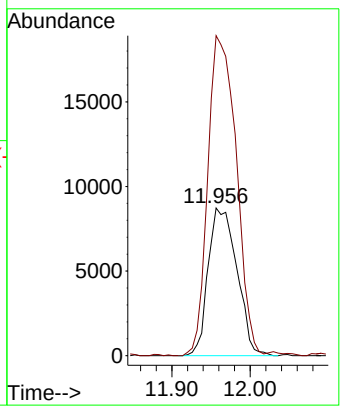
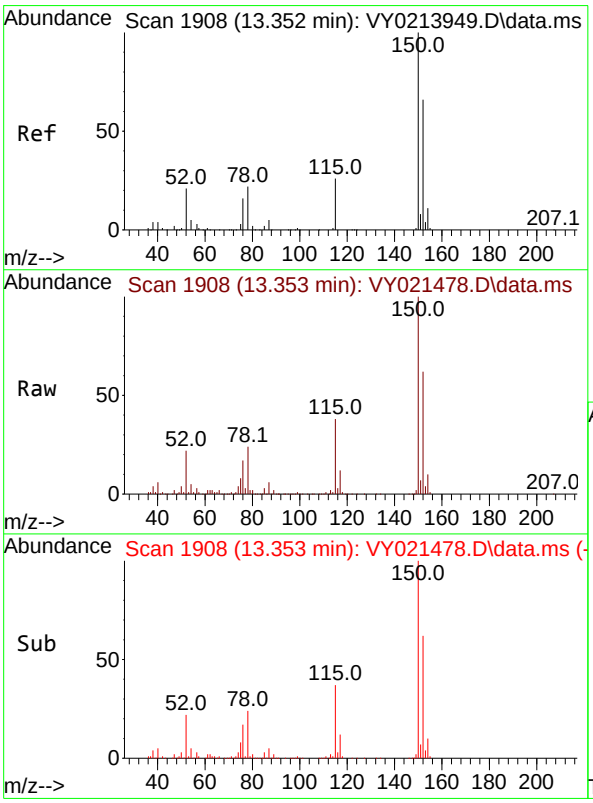
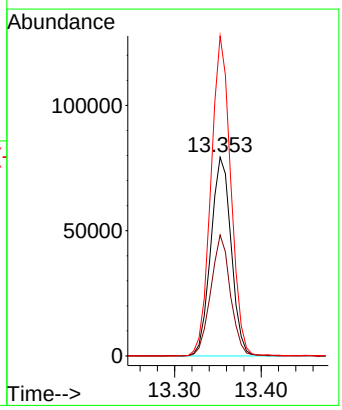


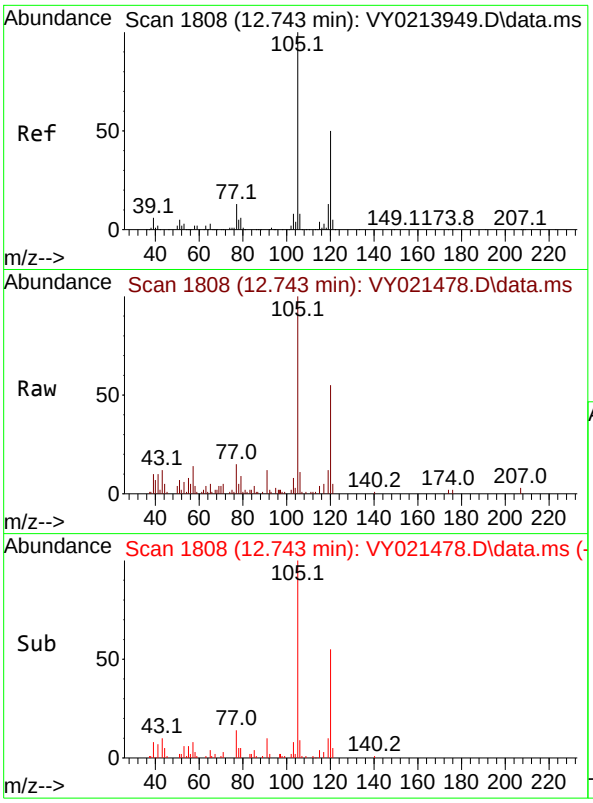


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:152 Resp: 129475

Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.0	87.0
150	156.6	0.0	347.2

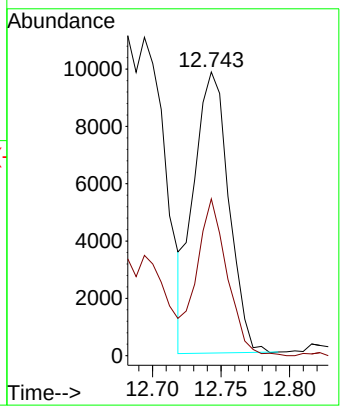




#80
1,3,5-Trimethylbenzene
Concen: 2.104 ug/l
RT: 12.743 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:105 Resp: 1744

Ion	Ratio	Lower	Upper
105	100		
120	49.0	24.6	73.6



Instrument :
MSVOA_Y
ClientSampleId :
T2

Manual Integrations
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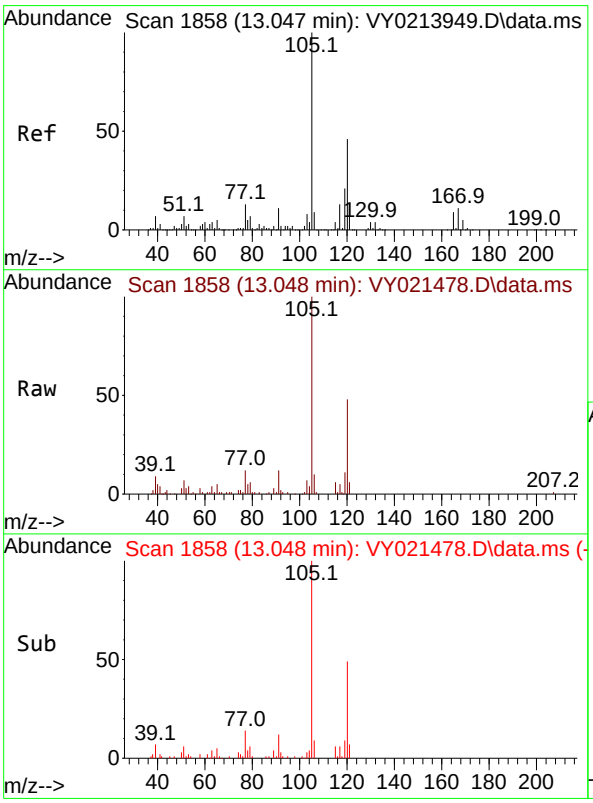
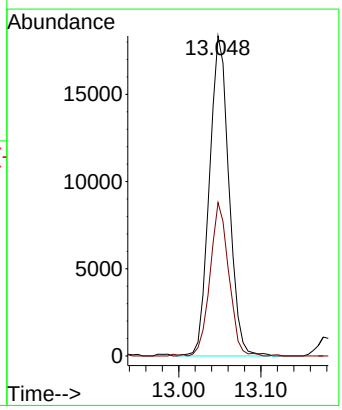
Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

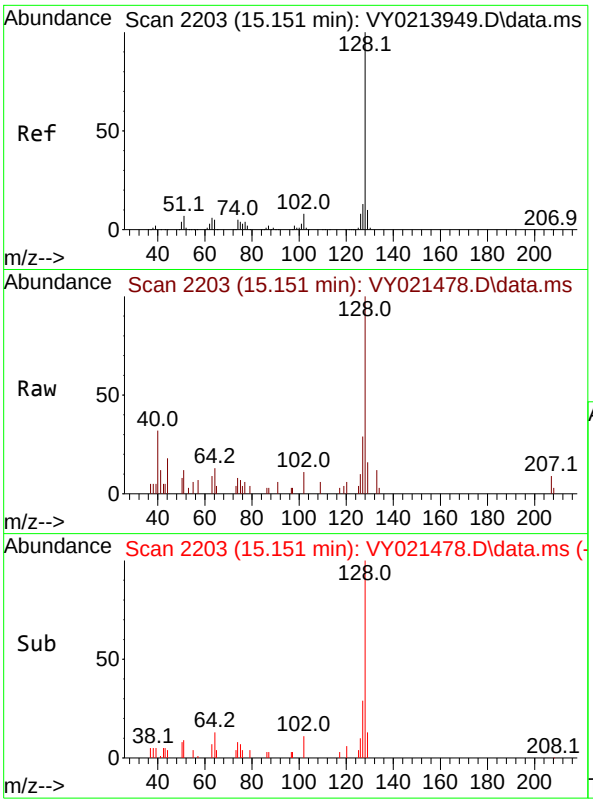


#84
1,2,4-Trimethylbenzene
Concen: 3.680 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:105 Resp: 30286

Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1

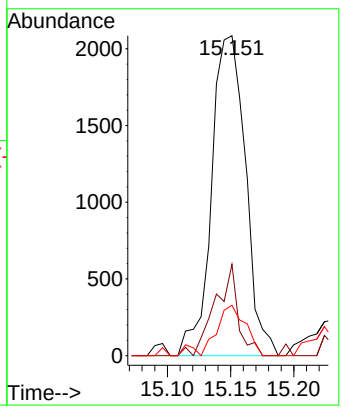




#95
Naphthalene
Concen: 2.557 ug/l
RT: 15.151 min Scan# 2
Delta R.T. 0.000 min
Lab File: VY021478.D
Acq: 11 Mar 2025 12:01

Tgt Ion:128 Resp: 389

Ion	Ratio	Lower	Upper
128	100		
127	19.5	10.6	15.8#
129	14.2	8.6	13.0#



Instrument :
MSVOA_Y
ClientSampleId :
T2

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021478.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	40	45	66	rBV	719774	1311221	87.08%	11.064%
2	2.147	67	70	80	rVB	24770	47273	3.14%	0.399%
3	2.348	94	103	110	rBV3	10903	43243	2.87%	0.365%
4	2.489	110	126	127	rBV4	29176	108845	7.23%	0.918%
5	2.531	130	133	138	rVV3	21695	38456	2.55%	0.324%
6	3.830	340	346	347	rBV2	15296	25315	1.68%	0.214%
7	4.525	452	460	466	rBV8	25236	91325	6.06%	0.771%
8	6.378	753	764	800	rVB2	317123	1505794	100.00%	12.705%
9	7.628	958	969	971	rBV2	70663	184070	12.22%	1.553%
10	7.683	972	978	987	rVB	236939	610004	40.51%	5.147%
11	8.055	1030	1039	1055	rBV2	80507	278613	18.50%	2.351%
12	8.213	1059	1065	1079	rVB7	20087	75222	5.00%	0.635%
13	8.603	1120	1129	1142	rBV	249494	800006	53.13%	6.750%
14	8.719	1143	1148	1178	rVB2	59478	301917	20.05%	2.547%
15	9.091	1199	1209	1214	rBV7	7289	18030	1.20%	0.152%
16	9.530	1272	1281	1286	rBV4	7886	18345	1.22%	0.155%
17	9.658	1297	1302	1310	rVB3	9525	19282	1.28%	0.163%
18	10.103	1367	1375	1381	rBV	435665	1026662	68.18%	8.663%
19	10.164	1381	1385	1399	rVB2	211857	614751	40.83%	5.187%
20	10.512	1435	1442	1457	rVB	21781	65818	4.37%	0.555%
21	10.640	1457	1463	1472	rBV3	10403	22073	1.47%	0.186%
22	11.194	1551	1554	1558	rVV2	10994	20120	1.34%	0.170%
23	11.243	1559	1562	1568	rVB3	9890	17985	1.19%	0.152%
24	11.426	1582	1592	1603	rBV	356591	1172949	77.90%	9.897%
25	11.524	1603	1608	1619	rVV3	32650	105676	7.02%	0.892%
26	11.633	1619	1626	1642	rVB	144176	405347	26.92%	3.420%
27	11.963	1668	1680	1692	rBV3	55899	155978	10.36%	1.316%
28	12.261	1724	1729	1739	rVB3	21788	44398	2.95%	0.375%
29	12.420	1746	1755	1764	rBV2	454368	925130	61.44%	7.806%
30	12.670	1790	1796	1799	rBV	46937	95200	6.32%	0.803%
31	12.737	1803	1807	1814	rVV2	38328	80848	5.37%	0.682%
32	12.816	1815	1820	1828	rVB	32474	63014	4.18%	0.532%
33	12.901	1828	1834	1841	rBV	20052	36177	2.40%	0.305%
34	13.048	1853	1858	1864	rBV	51399	83896	5.57%	0.708%
35	13.206	1873	1884	1888	rBV2	17059	39193	2.60%	0.331%
36	13.353	1902	1908	1927	rVB	495504	888595	59.01%	7.498%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

37	13.548	1936	1940	1944	rVV	27351	51893	3.45%	0.438%
38	13.590	1944	1947	1956	rVB4	28156	54858	3.64%	0.463%
39	13.676	1956	1961	1965	rBV5	12994	19428	1.29%	0.164%
40	13.810	1978	1983	1985	rBV4	10234	15486	1.03%	0.131%
41	13.889	1990	1996	2003	rVB2	139808	232711	15.45%	1.964%
42	13.999	2010	2014	2020	rVB4	10890	16789	1.11%	0.142%
43	14.133	2030	2036	2041	rBV5	7478	16640	1.11%	0.140%
44	14.261	2053	2057	2060	rVB	12621	18170	1.21%	0.153%
45	14.596	2107	2112	2118	rBV2	12914	26873	1.78%	0.227%
46	15.145	2192	2202	2208	rBV4	6240	15067	1.00%	0.127%
47	15.224	2208	2215	2222	rBV2	12161	24110	1.60%	0.203%
48	15.297	2222	2227	2232	rBV2	11300	18947	1.26%	0.160%

Sum of corrected areas: 11851743

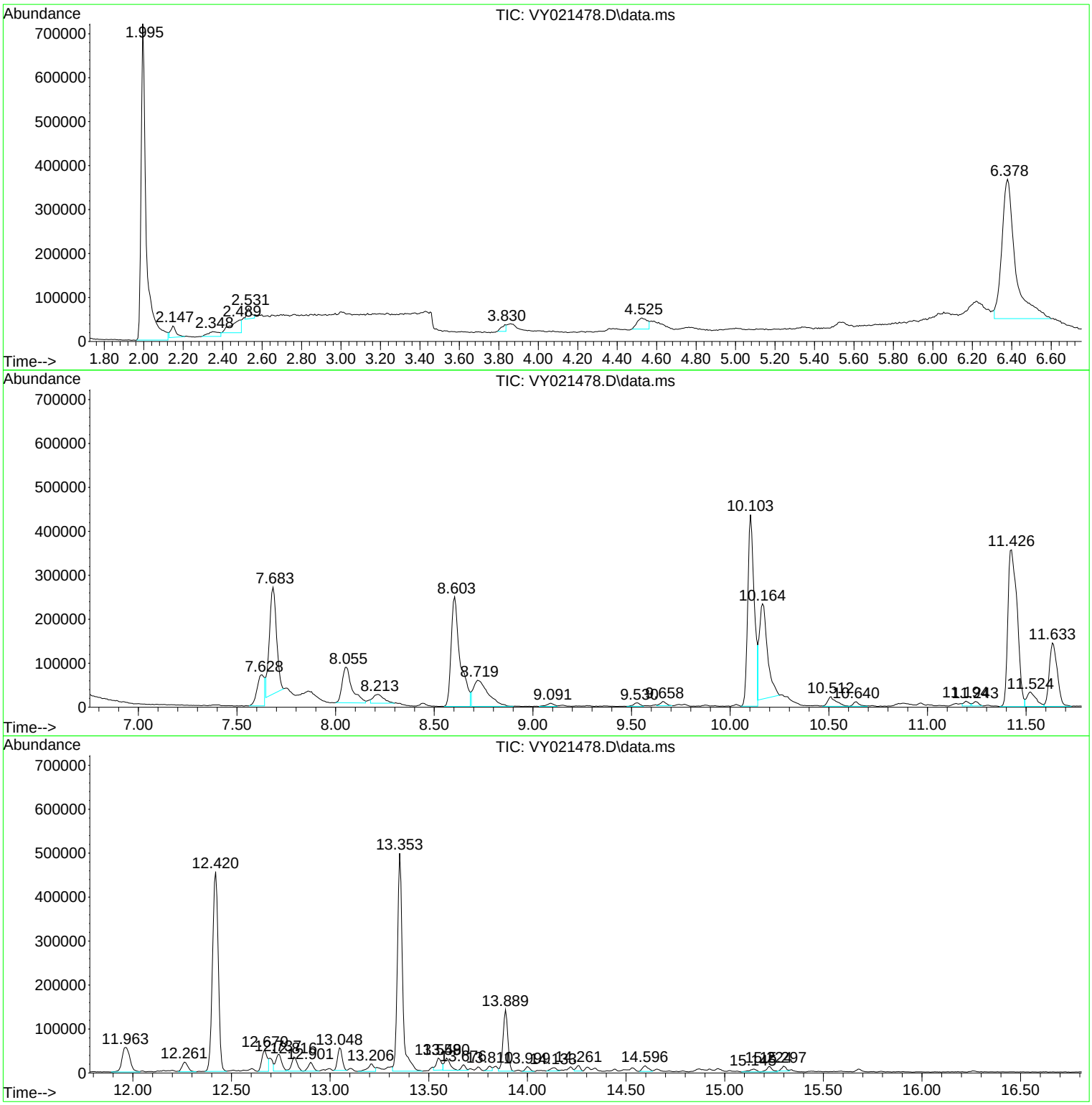
Sample Results: **VY021478.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

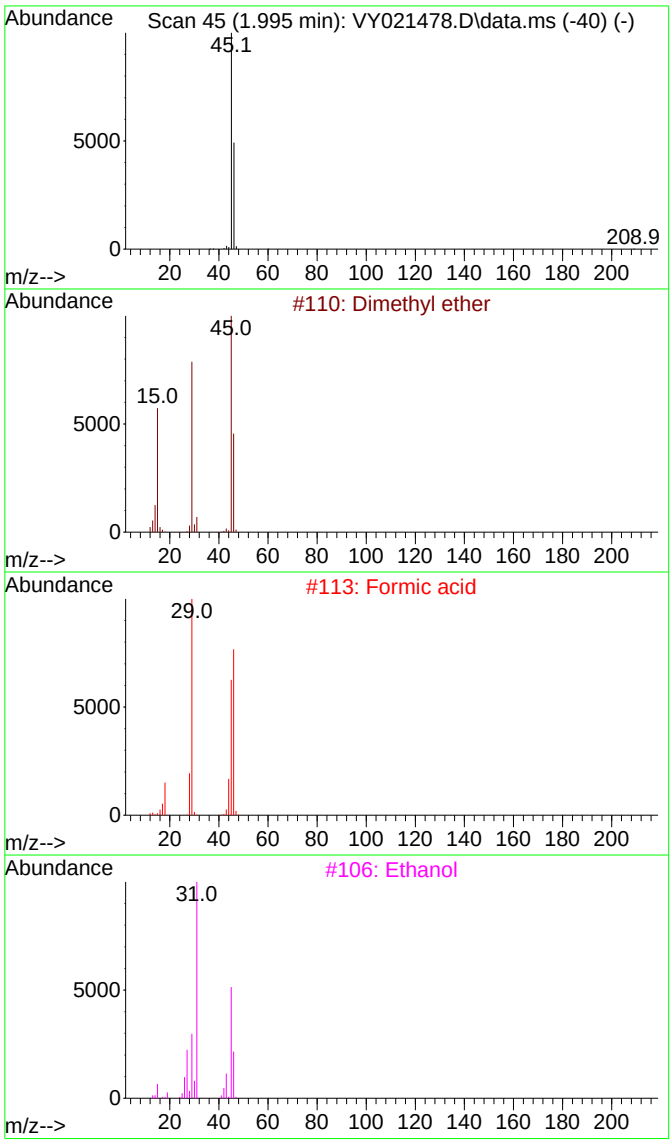
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

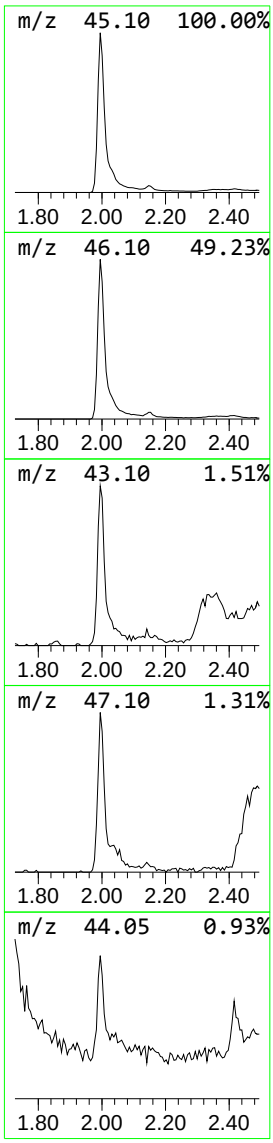
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.995	107.48 ug/l	1311220	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
2	Formic acid	46	CH2O2	000064-18-6	7
3	Ethanol	46	C2H6O	000064-17-5	7
4	Oxalic acid	90	C2H2O4	000144-62-7	4
5	Methane, nitroso-	45	CH3NO	000865-40-7	3





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On    : 11 Mar 2025  12:01
Operator  : SY/MD
Sample    : Q1463-02
Misc      : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial  : 6   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title  : SW846 8260

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

Instrument :
MSVOA_Y
ClientSampleId :
T2

5

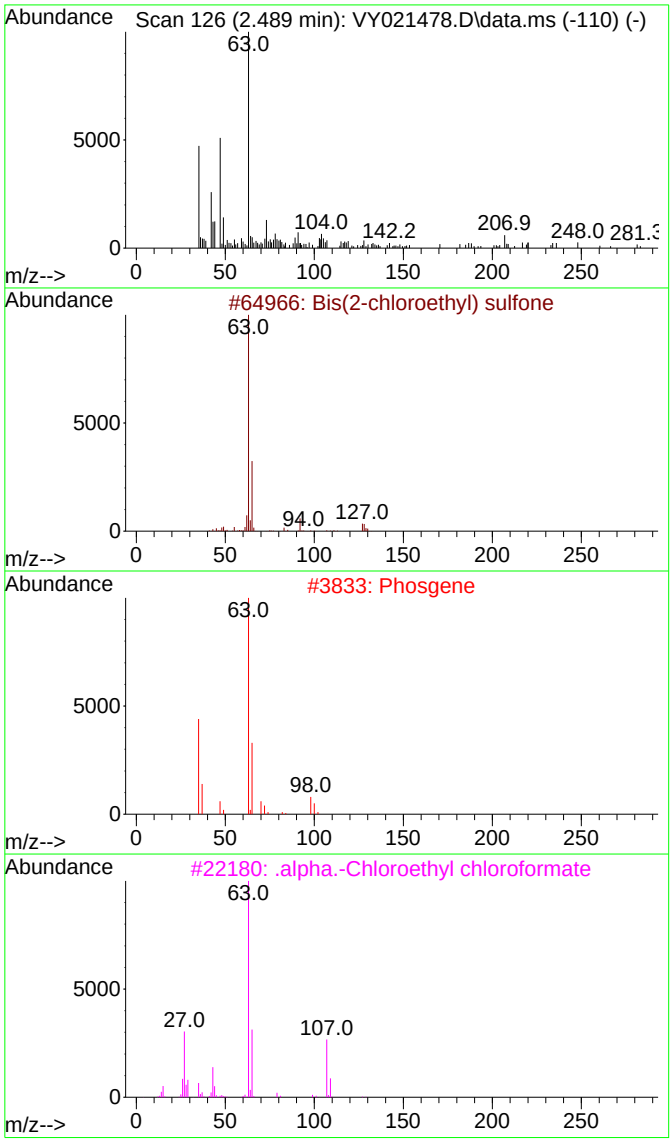
A B C D E F G H I J

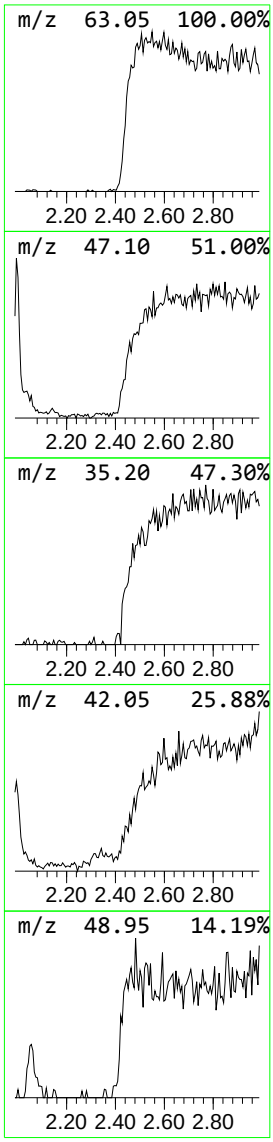
****

Peak Number 2 Bis(2-chloroethyl) sulfone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.489	8.92 ug/l	108845	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-chloroethyl) sulfone	190	C4H8Cl2O2S	000471-03-4	50
2	Phosgene	98	CCl2O	000075-44-5	40
3	.alpha.-Chloroethyl chloroformate	142	C3H4Cl2O2	050893-53-3	25
4	Ethanol, 2-chloro-, phosphite (3:1)	268	C6H12Cl3O3P	000140-08-9	9
5	Carmustine	213	C5H9Cl2N3O2	000154-93-8	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

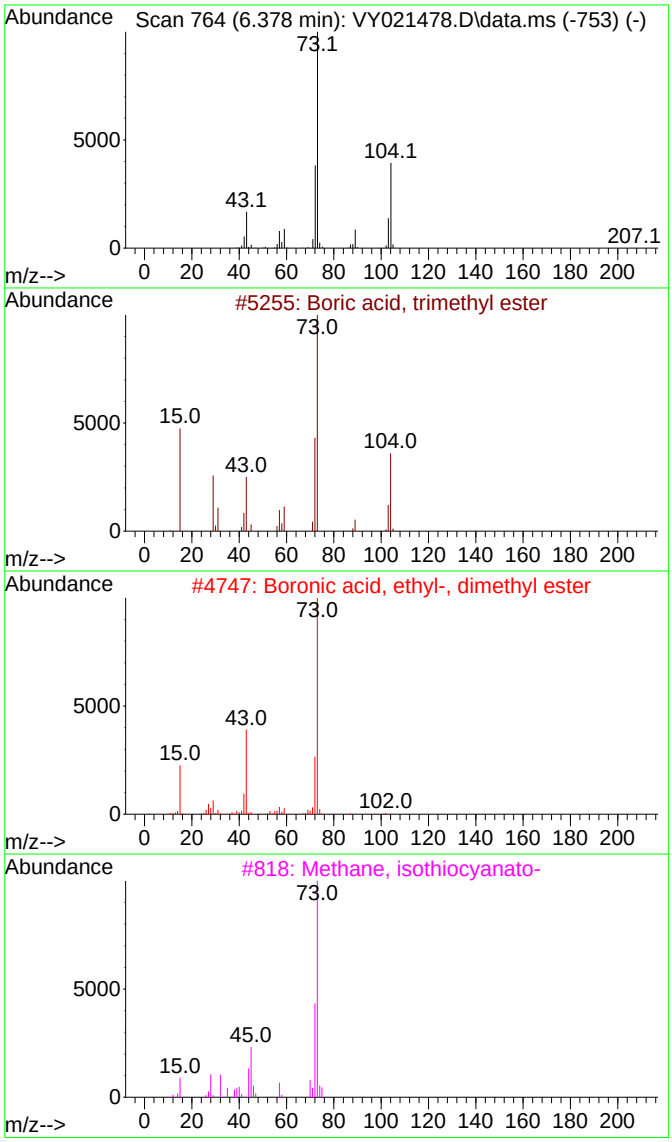
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

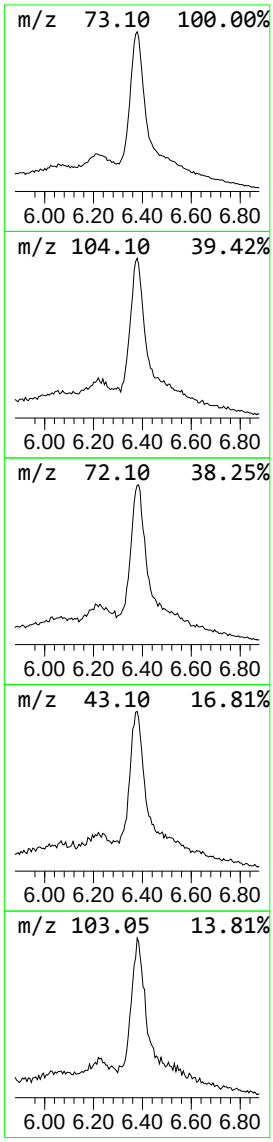
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Boric acid, trimethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.378	123.43 ug/l	1505790	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boric acid, trimethyl ester	104	C3H9BO3	000121-43-7	91
2	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	23
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
4	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	5
5	Guanidine, methyl-	73	C2H7N3	000471-29-4	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

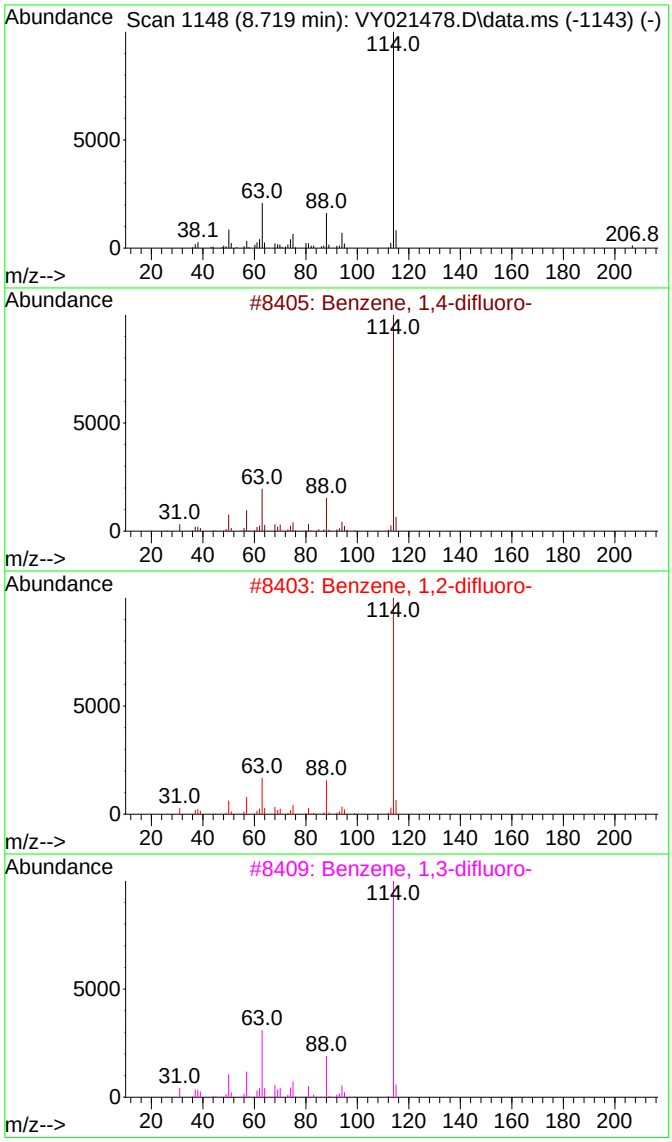
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

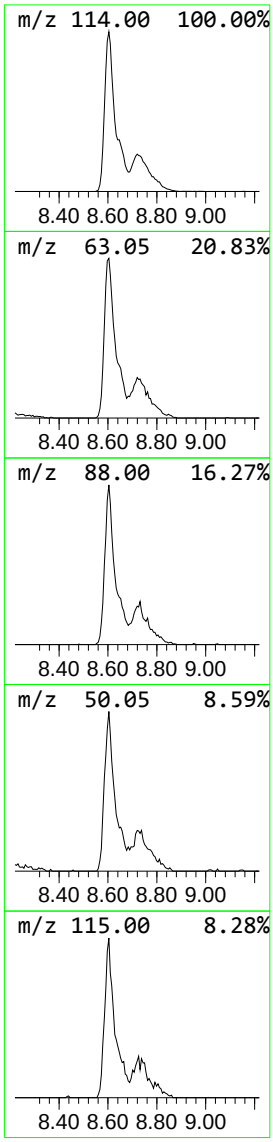
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,4-difluoro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.719	18.87 ug/l	301917	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-difluoro-	114	C6H4F2	000540-36-3	94
2	Benzene, 1,2-difluoro-	114	C6H4F2	000367-11-3	91
3	Benzene, 1,3-difluoro-	114	C6H4F2	000372-18-9	91
4	Morpholine-4-carboxylic acid 2,6...	391	C12H11Br2NO4	1000274-22-3	42
5	3,3,3-Trimethoxypropionitrile	145	C6H11NO3	1000430-62-1	28





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

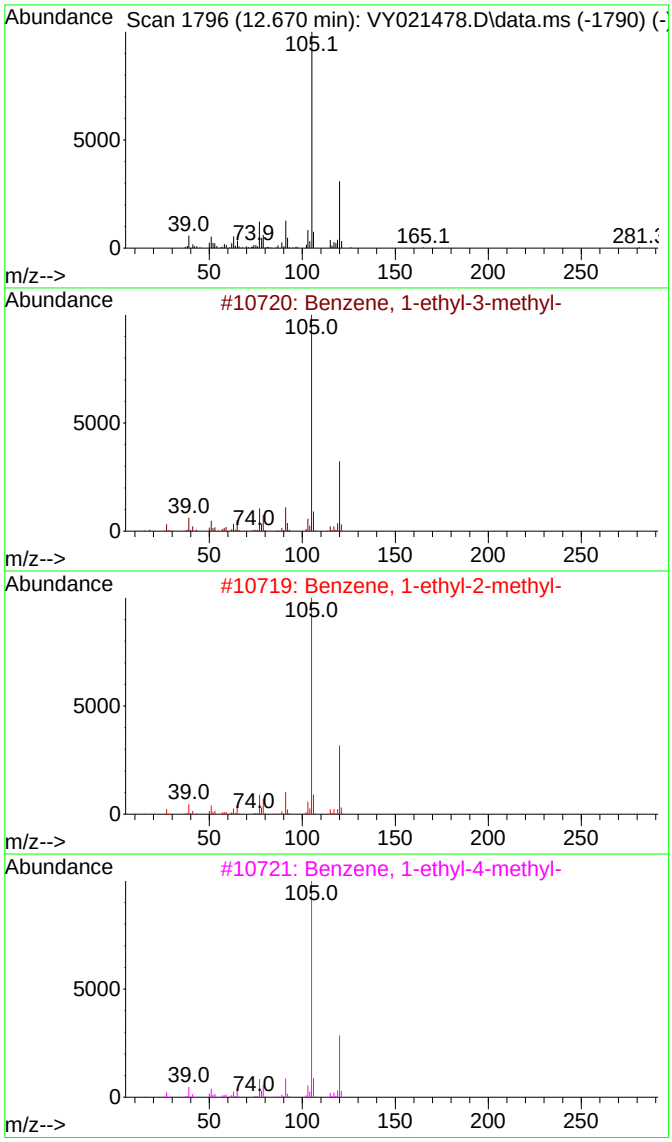
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

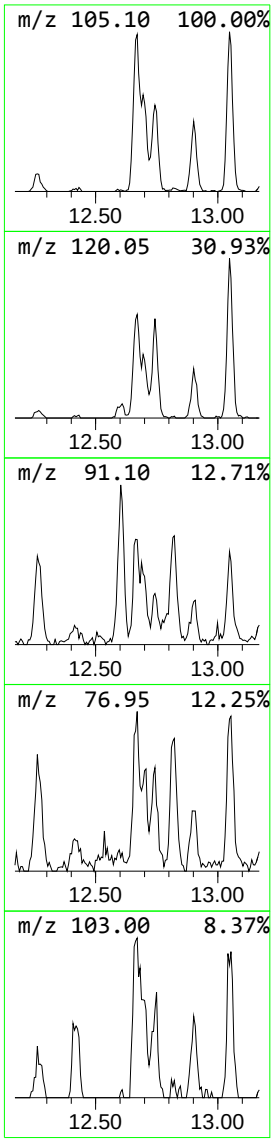
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.670	5.36 ug/l	95200	1,4-Dichlorobenzene-d4	13.352

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021478.D
Acq On : 11 Mar 2025 12:01
Operator : SY/MD
Sample : Q1463-02
Misc : 6.31g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	1.995	107.5	ug/l	1311220	1	7.683	610004	50.0
Bis(2-chloroeth...	2.489	8.9	ug/l	108845	1	7.683	610004	50.0
Boric acid, tri...	6.378	123.4	ug/l	1505790	1	7.683	610004	50.0
Benzene, 1,4-di...	8.719	18.9	ug/l	301917	2	8.603	800006	50.0
Benzene, 1-ethy...	12.670	5.4	ug/l	95200	4	13.352	888595	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 22:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
T3

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.683	168	305147m	50.000	ug/l	-0.03
34) 1,4-Difluorobenzene	8.603	114	465424m	50.000	ug/l	-0.02
63) Chlorobenzene-d5	11.426	117	350362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	111224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	125328m	38.859	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	77.720%		
35) Dibromofluoromethane	7.634	113	107812m	35.241	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	70.480%		
50) Toluene-d8	10.103	98	552784m	47.722	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.420	95	131390	33.346	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	66.700%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.085	83	27700	4.716	ug/l	96
40) Benzene	8.061	78	83204	5.898	ug/l	99
52) Toluene	10.170	92	102690m	11.546	ug/l	
64) Tetrachloroethene	10.646	164	4127	1.449	ug/l	96
67) Ethyl Benzene	11.524	91	49798	3.429	ug/l	98
68) m/p-Xylenes	11.633	106	100473	18.224	ug/l	98
69) o-Xylene	11.963	106	43016	8.466	ug/l	99
73) Isopropylbenzene	12.267	105	12235	1.396	ug/l	89
78) n-propylbenzene	12.609	91	14148	1.330	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	28702	4.031	ug/l	98
84) 1,2,4-Trimethylbenzene	13.054	105	49540	7.008	ug/l	98
95) Naphthalene	15.145	128	4032	2.785	ug/l	94

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

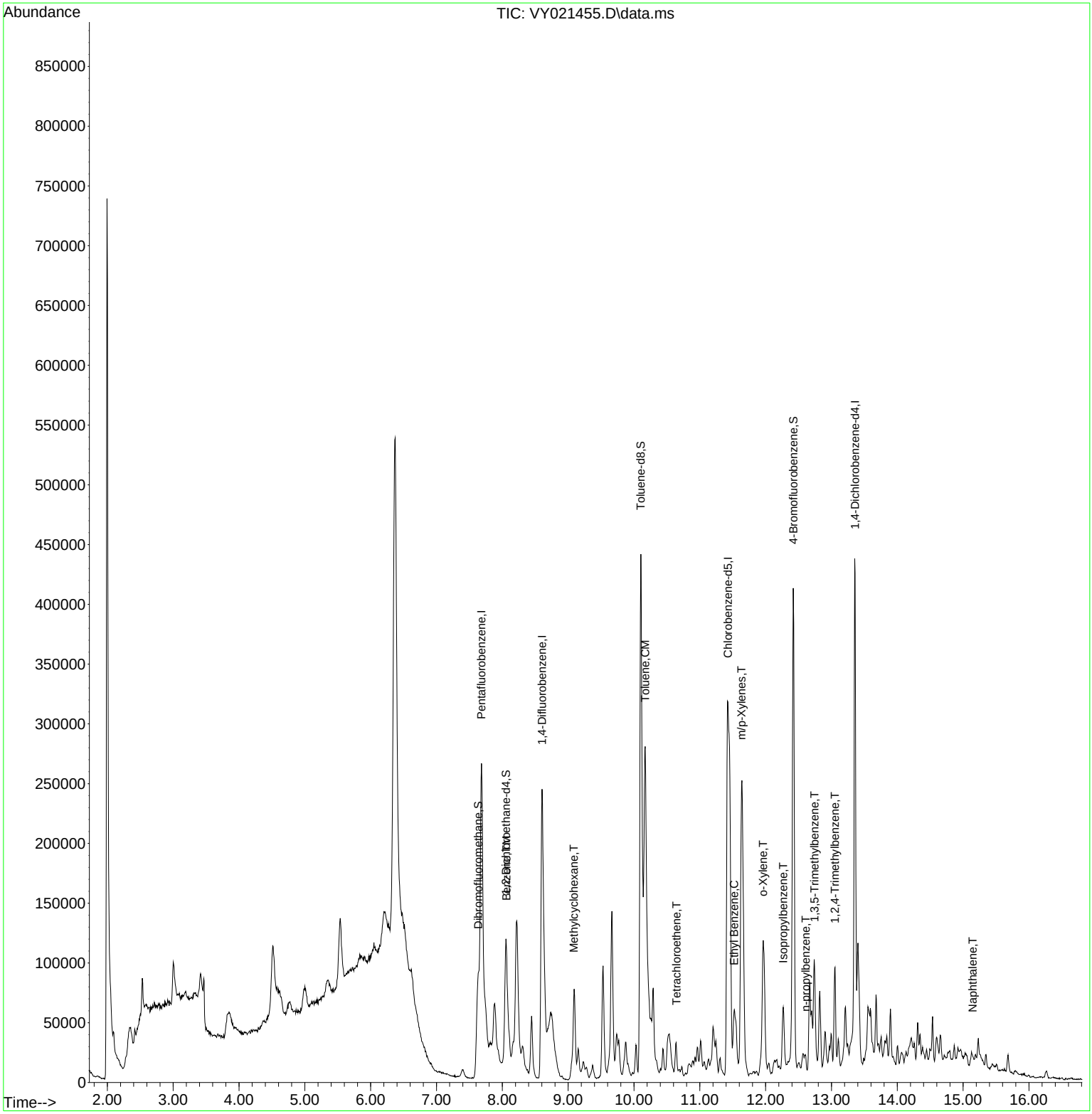
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

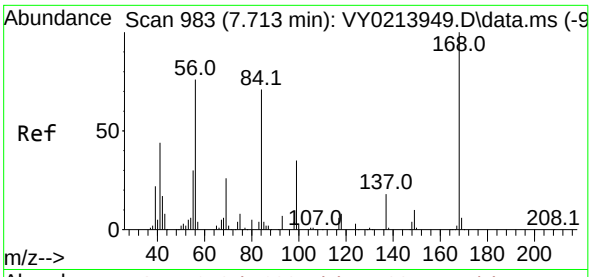
Quant Time: Mar 07 22:00:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

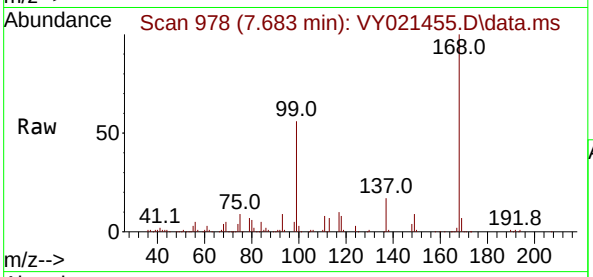
Instrument :
MSVOA_Y
ClientSampleId :
T3

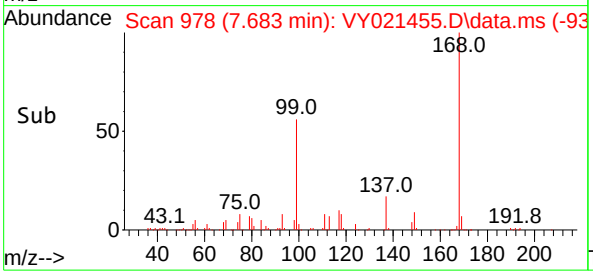
Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025





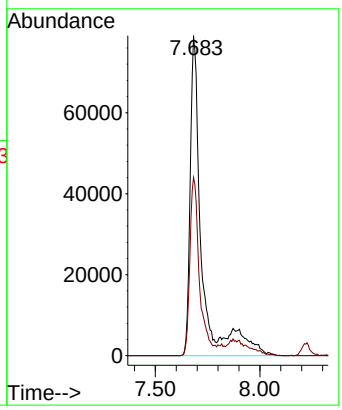




#1
Pentafluorobenzene
Concen: 50.000 ug/l m
RT: 7.683 min Scan# 9
Delta R.T. -0.030 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:168 Resp: 30514

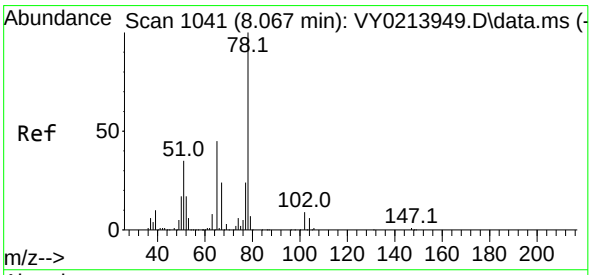
Ion	Ratio	Lower	Upper
168	100		
99	55.7	46.0	69.0

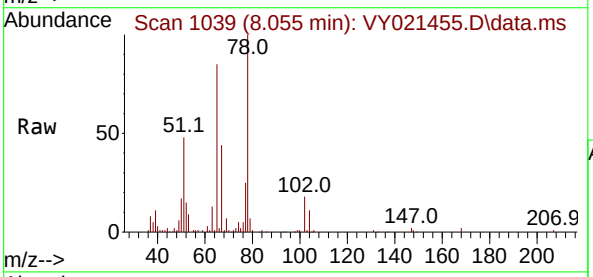


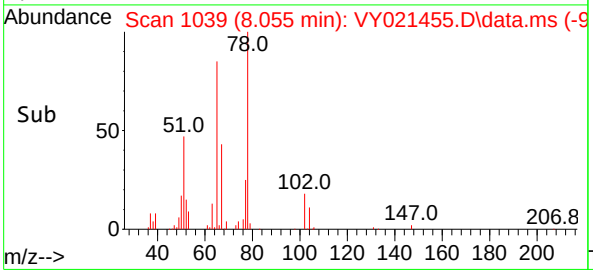
Instrument :
MSVOA_Y
ClientSampleId :
T3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025



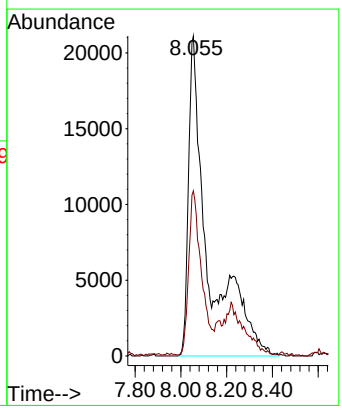


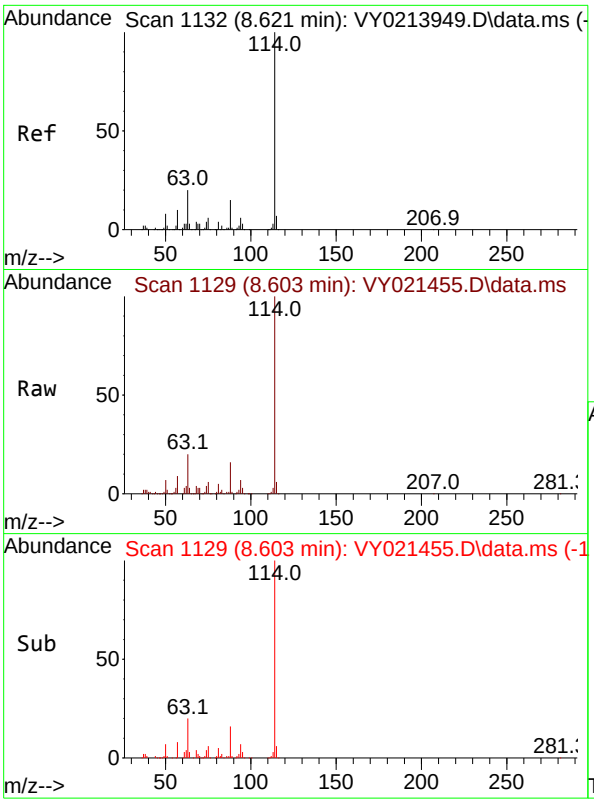


#33
1,2-Dichloroethane-d4
Concen: 38.859 ug/l m
RT: 8.055 min Scan# 1039
Delta R.T. -0.012 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion: 65 Resp: 125328

Ion	Ratio	Lower	Upper
65	100		
67	33.7	0.0	102.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l m
RT: 8.603 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:114 Resp: 46542

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.7	0.0	30.8

Instrument :
MSVOA_Y
ClientSampleId :
T3

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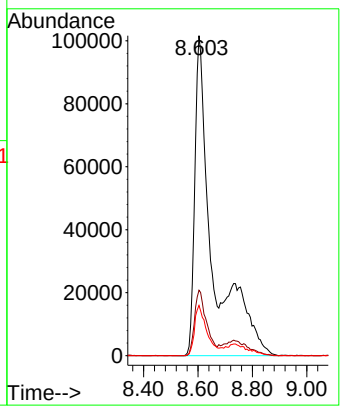
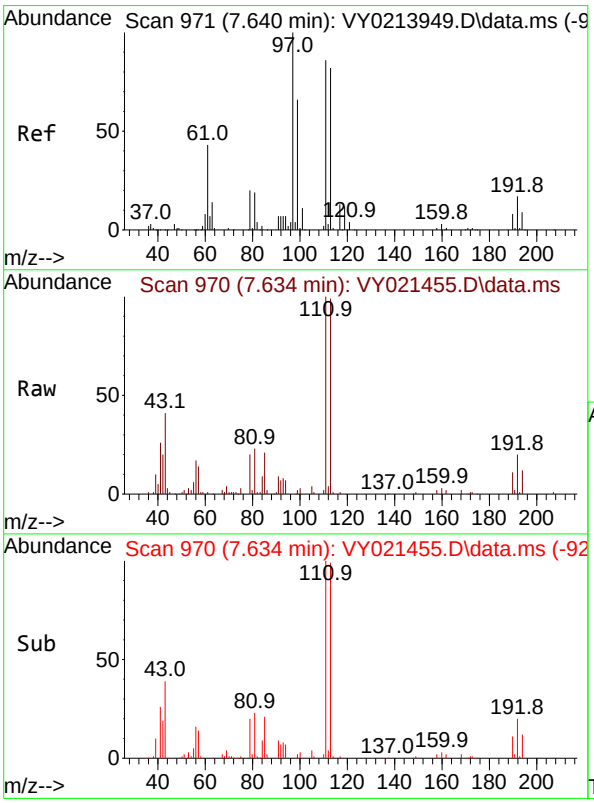
Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025

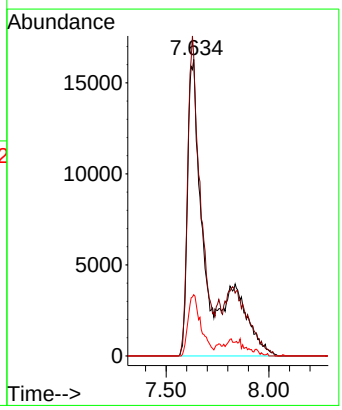


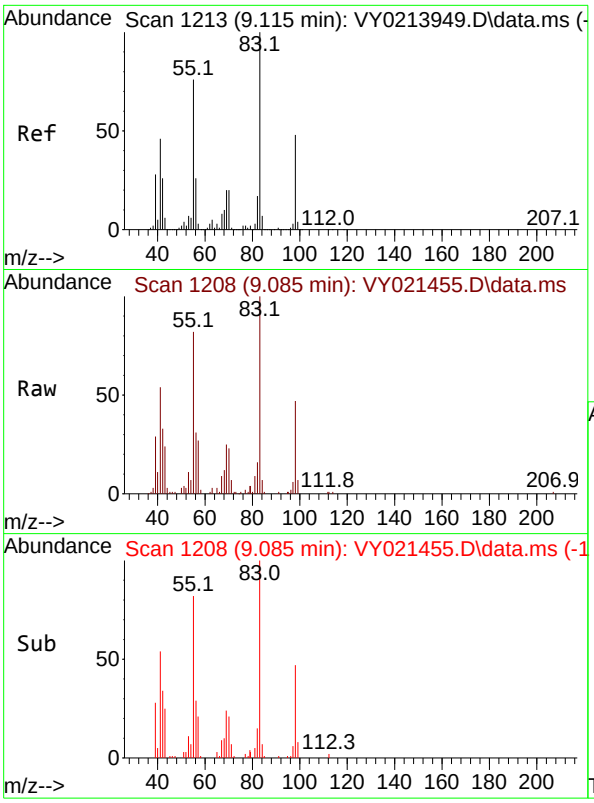


#35
Dibromofluoromethane
Concen: 35.241 ug/l m
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:113 Resp: 107812

Ion	Ratio	Lower	Upper
113	100		
111	71.1	82.0	123.0#
192	13.8	15.9	23.9#





#39
Methylcyclohexane
Concen: 4.716 ug/l
RT: 9.085 min Scan# 1
Delta R.T. -0.030 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion: 83 Resp: 2770

Ion	Ratio	Lower	Upper
83	100		
55	80.6	60.7	91.1
98	47.4	38.6	57.8

Instrument :
MSVOA_Y
ClientSampleId :
T3

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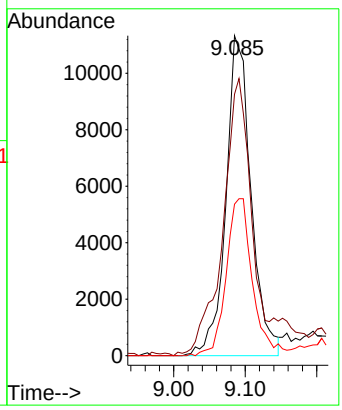
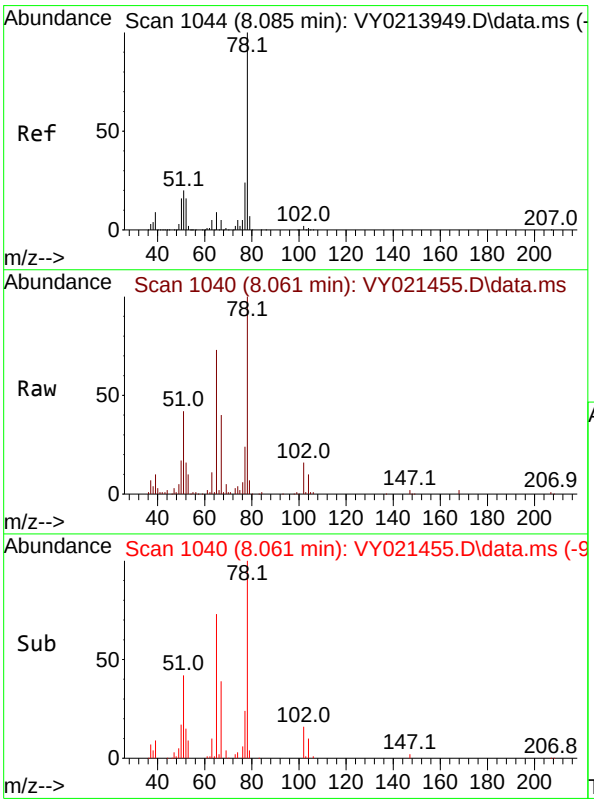
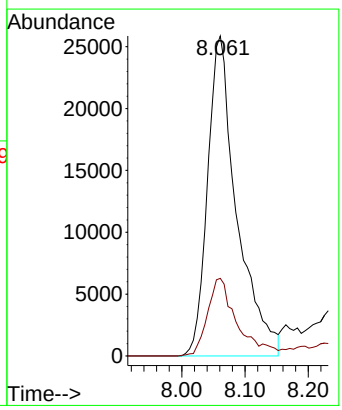


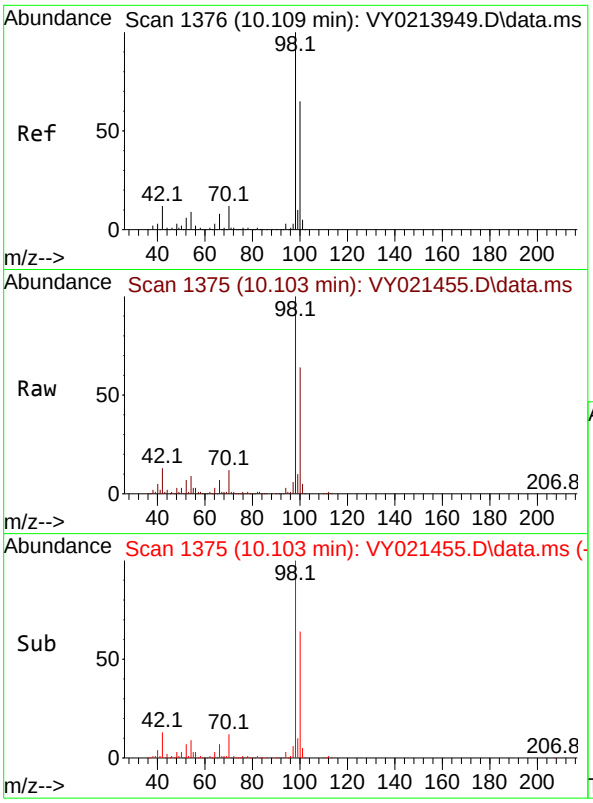


#40
Benzene
Concen: 5.898 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.024 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion: 78 Resp: 83204

Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.4





#50
Toluene-d8
Concen: 47.722 ug/l m
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion: 98 Resp: 55278

Ion	Ratio	Lower	Upper
98	100		
100	44.1	52.1	78.1#

Instrument :
MSVOA_Y
ClientSampleId :
T3

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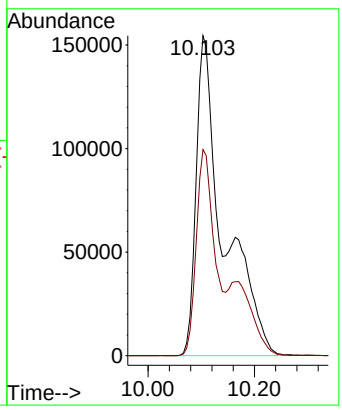
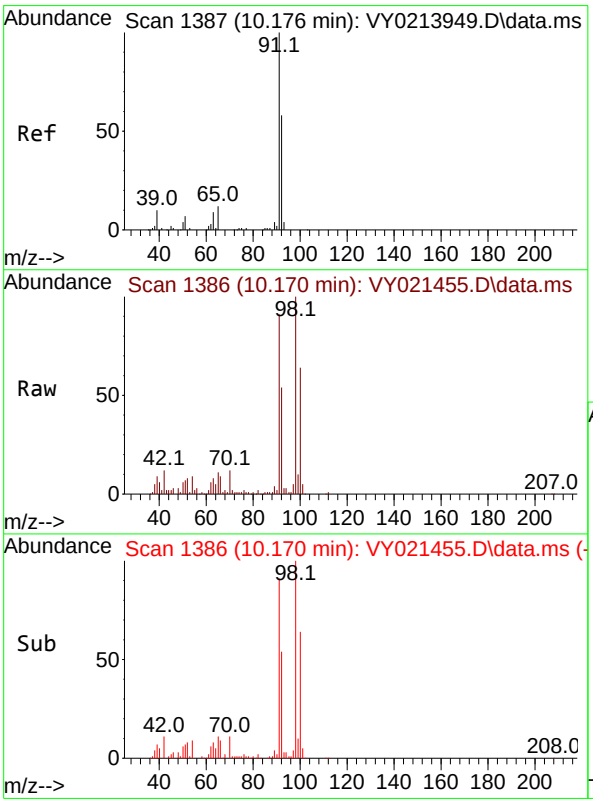
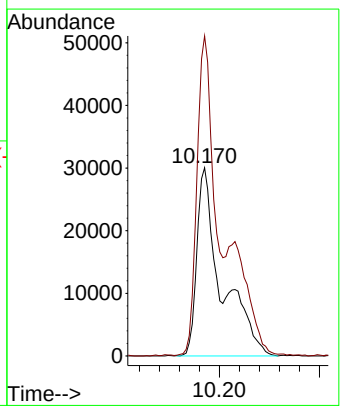


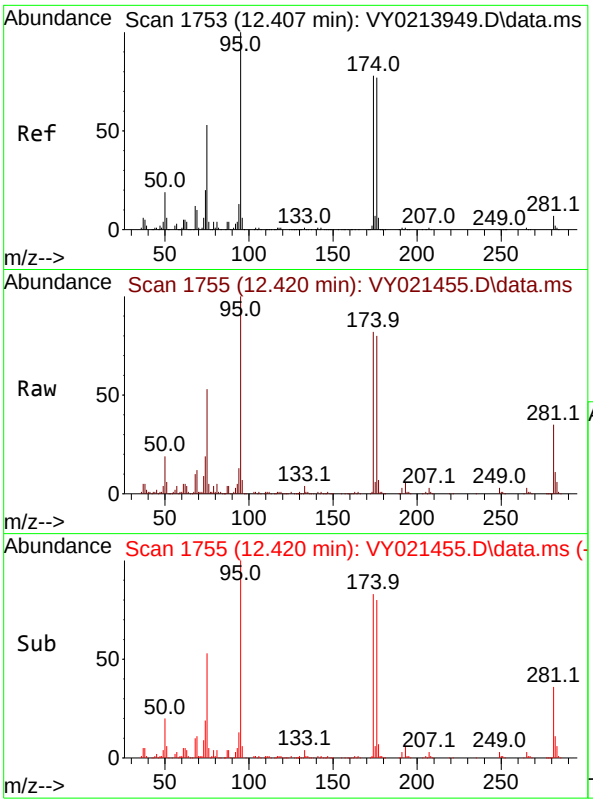


#52
Toluene
Concen: 11.546 ug/l m
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion: 92 Resp: 102690

Ion	Ratio	Lower	Upper
92	100		
91	116.6	138.2	207.2#





#62
4-Bromofluorobenzene
Concen: 33.346 ug/l
RT: 12.420 min Scan# 1
Delta R.T. 0.013 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Instrument :
MSVOA_Y
ClientSampleId :
T3

Tgt Ion: 95 Resp: 13139

Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	165.0
176	82.0	0.0	160.0

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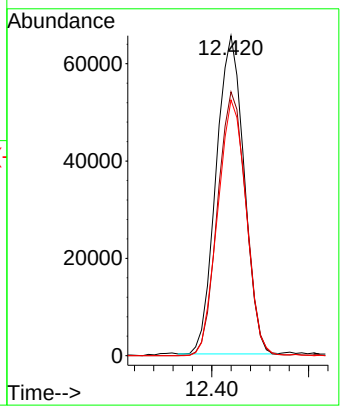
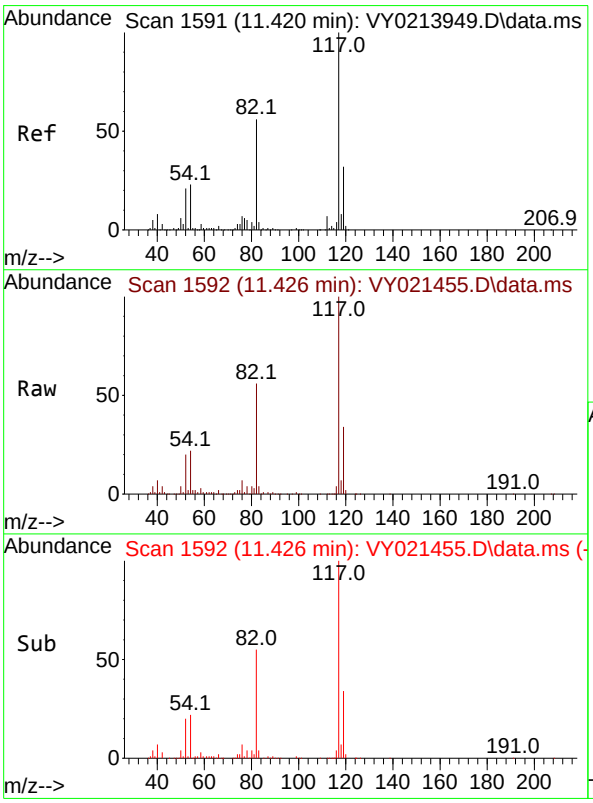
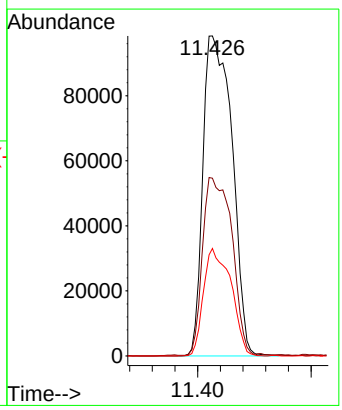


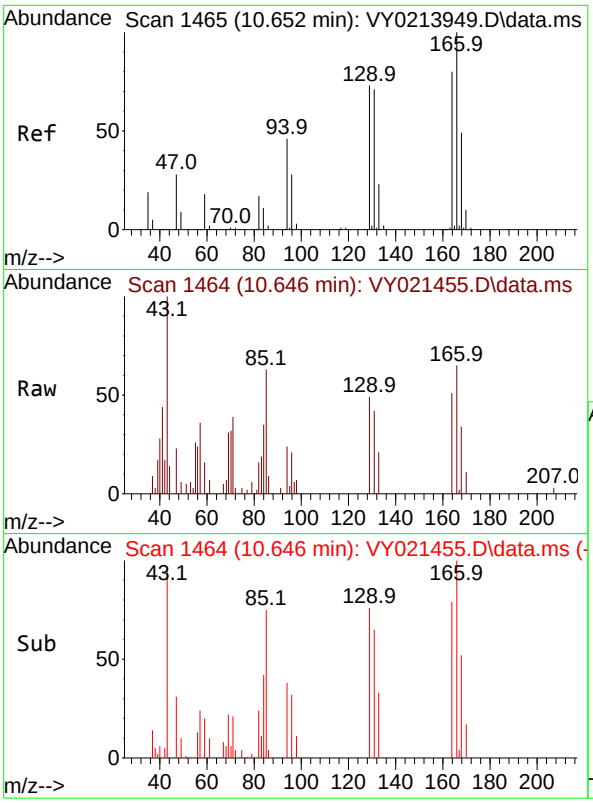


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:117 Resp: 350362

Ion	Ratio	Lower	Upper
117	100		
82	55.3	44.6	67.0
119	33.6	25.4	38.0

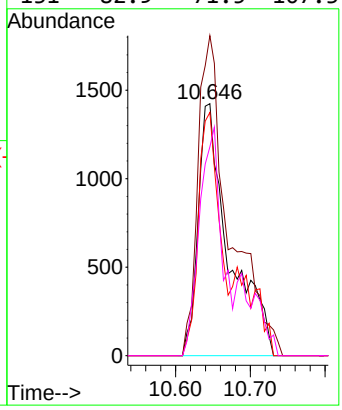




#64
Tetrachloroethene
Concen: 1.449 ug/l
RT: 10.646 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:164 Resp: 412

Ion	Ratio	Lower	Upper
164	100		
166	127.0	100.4	150.6
129	96.5	73.8	110.8
131	82.9	71.5	107.3



Instrument :
MSVOA_Y
ClientSampleId :
T3

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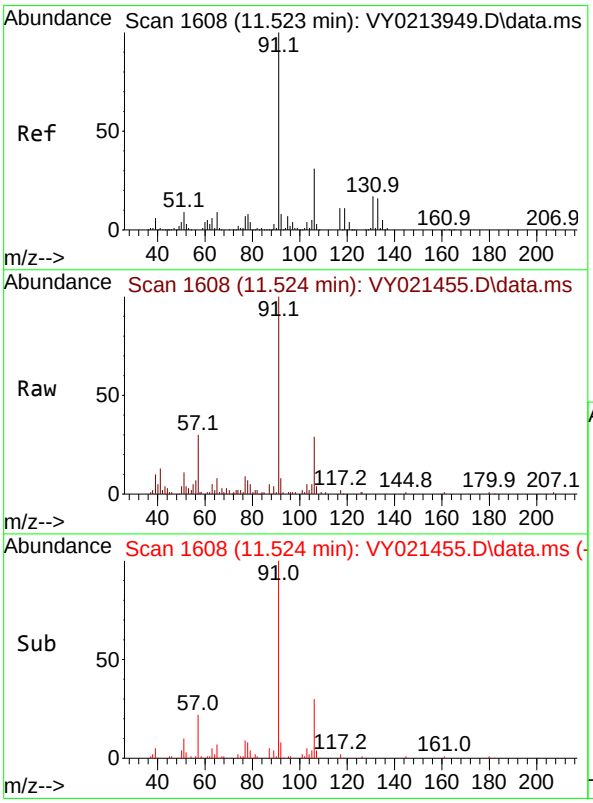
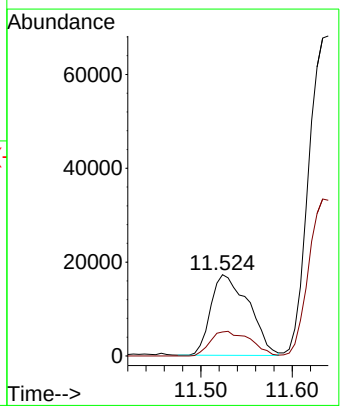
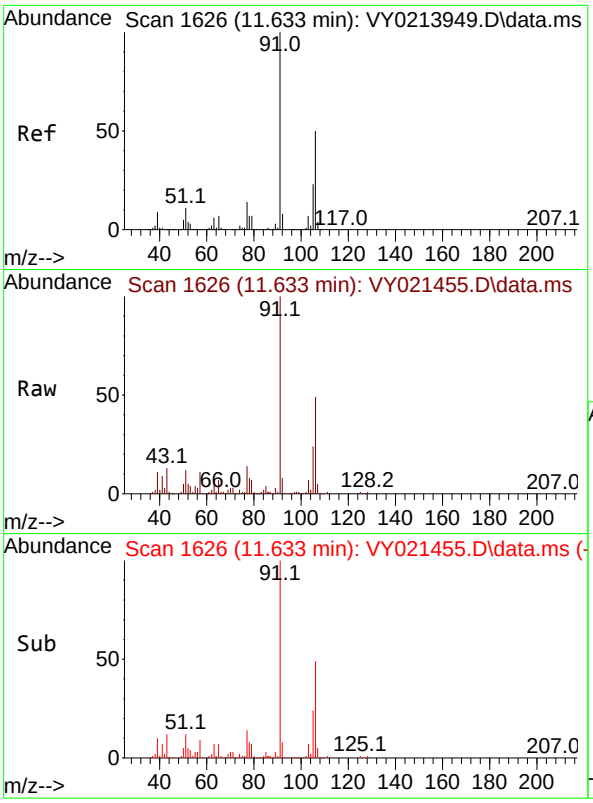


#67
Ethyl Benzene
Concen: 3.429 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion: 91 Resp: 49798

Ion	Ratio	Lower	Upper
91	100		
106	29.7	24.6	36.8





#68
m/p-Xylenes
Concen: 18.224 ug/l
RT: 11.633 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:106 Resp: 10047

Ion	Ratio	Lower	Upper
106	100		
91	204.4	161.7	242.5

Instrument :
MSVOA_Y
ClientSampleId :
T3

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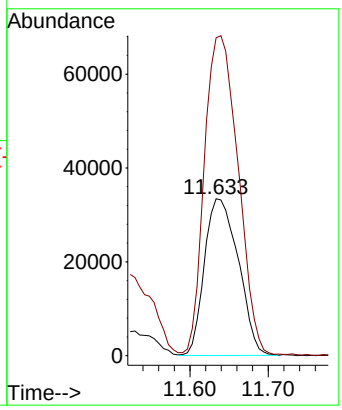
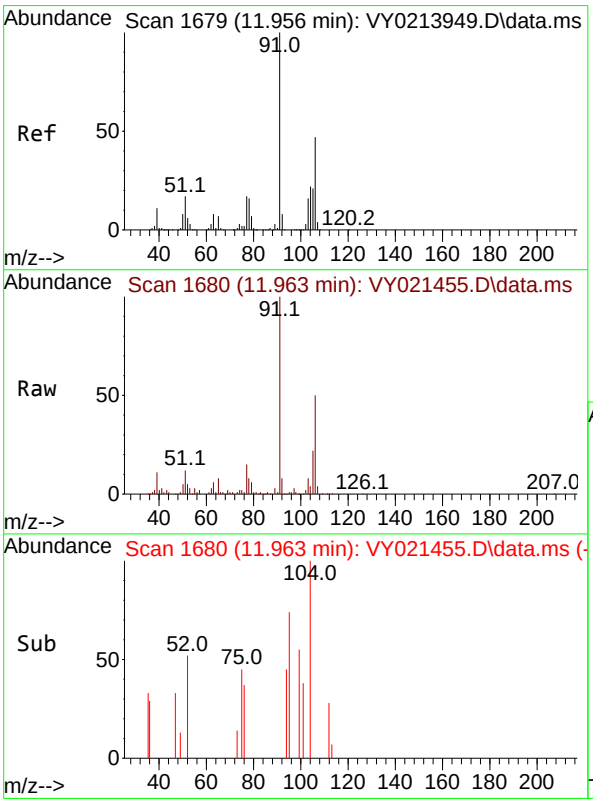
Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025

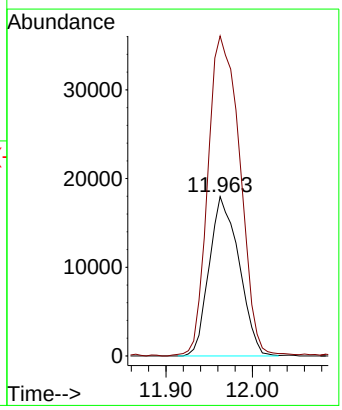


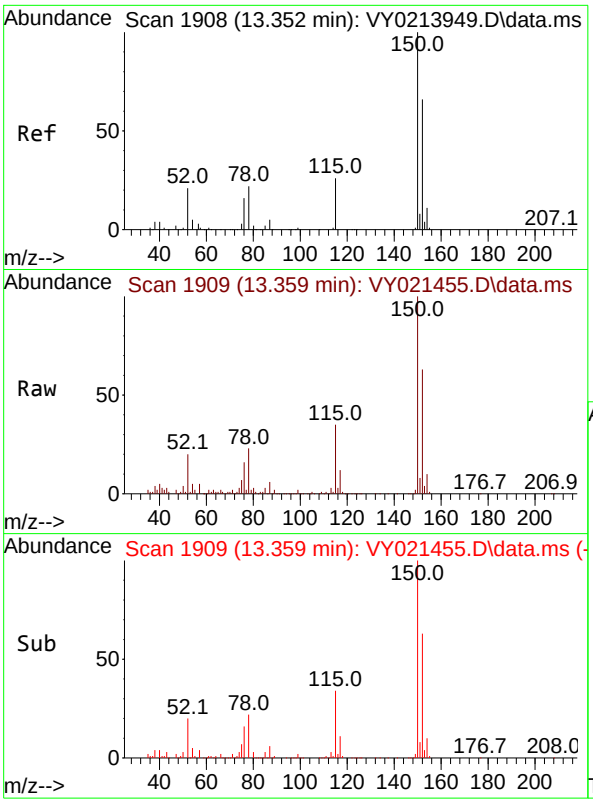


#69
o-Xylene
Concen: 8.466 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. 0.006 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:106 Resp: 43016

Ion	Ratio	Lower	Upper
106	100		
91	216.2	107.6	322.8

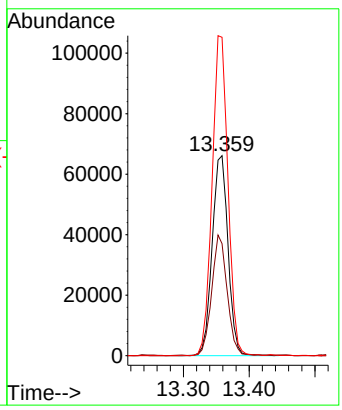




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.359 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:152 Resp: 11122

Ion	Ratio	Lower	Upper
152	100		
115	58.9	29.0	87.0
150	159.0	0.0	347.2



Instrument :
MSVOA_Y
ClientSampleId :
T3

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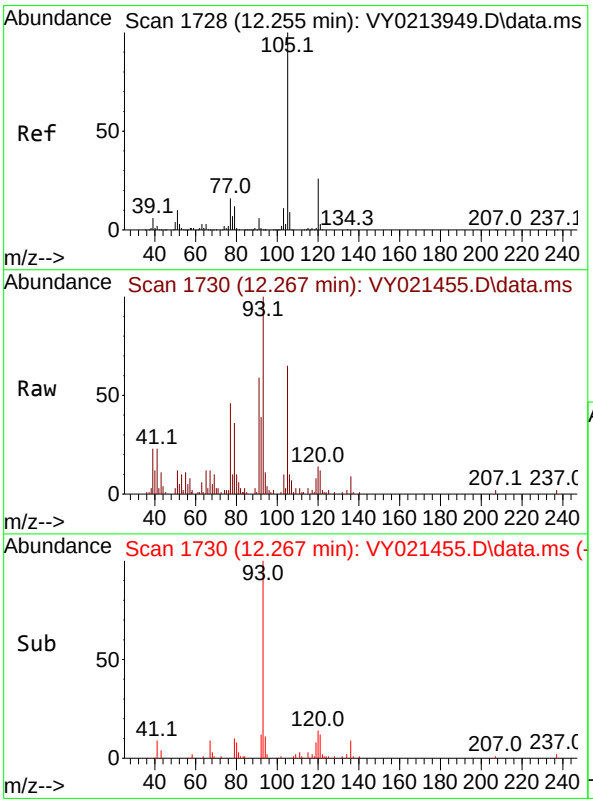
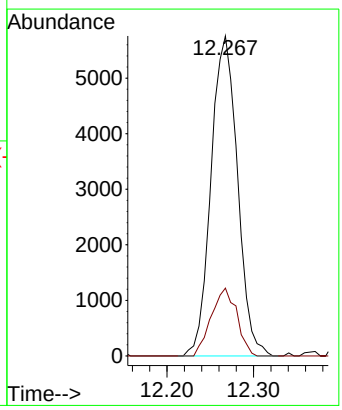
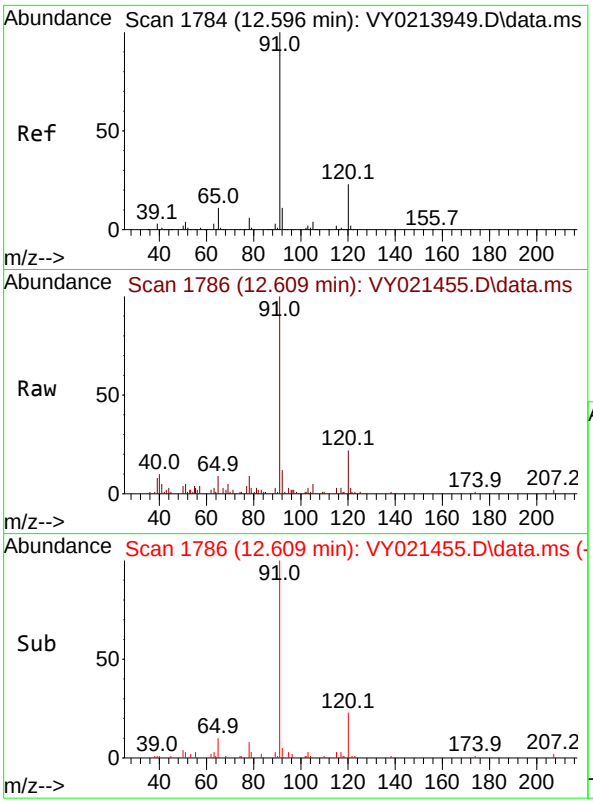


#73
Isopropylbenzene
Concen: 1.396 ug/l
RT: 12.267 min Scan# 1730
Delta R.T. 0.013 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:105 Resp: 12235

Ion	Ratio	Lower	Upper
105	100		
120	20.5	13.1	39.3





#78
n-propylbenzene
Concen: 1.330 ug/l
RT: 12.609 min Scan# 1
Delta R.T. 0.013 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion: 91 Resp: 1414

Ion	Ratio	Lower	Upper
91	100		
120	24.7	11.3	33.8

Instrument :
MSVOA_Y
ClientSampleId :
T3

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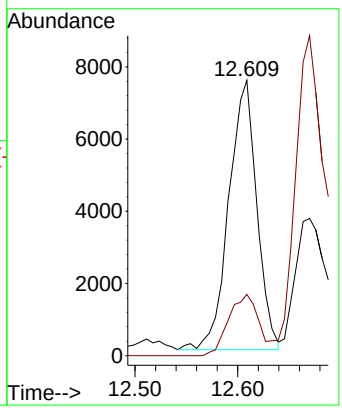
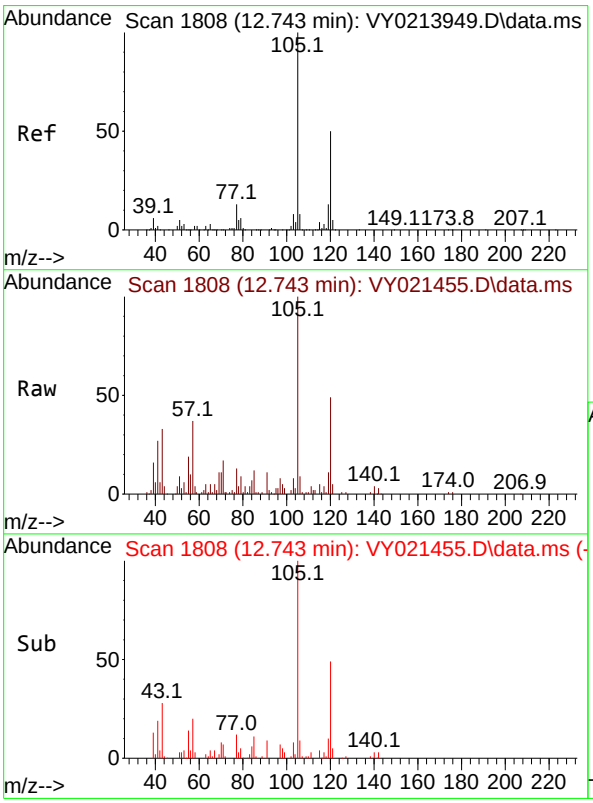
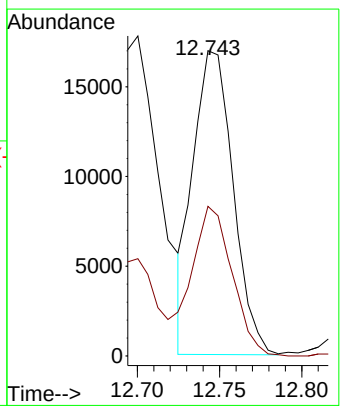


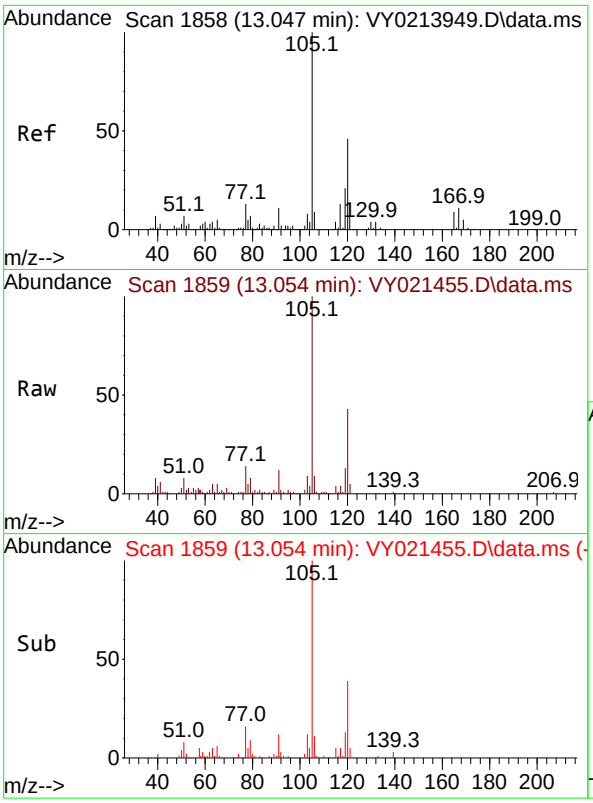


#80
1,3,5-Trimethylbenzene
Concen: 4.031 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:105 Resp: 28702

Ion	Ratio	Lower	Upper
105	100		
120	50.5	24.6	73.6





#84
1,2,4-Trimethylbenzene
Concen: 7.008 ug/l
RT: 13.054 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:105 Resp: 4954

Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.7	68.1

Instrument :
MSVOA_Y
ClientSampleId :
T3

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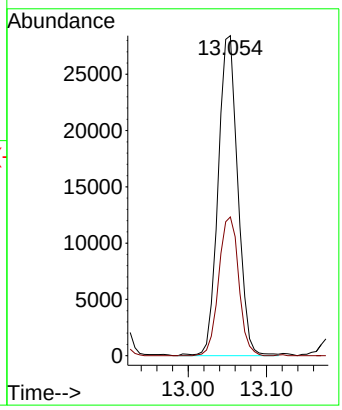
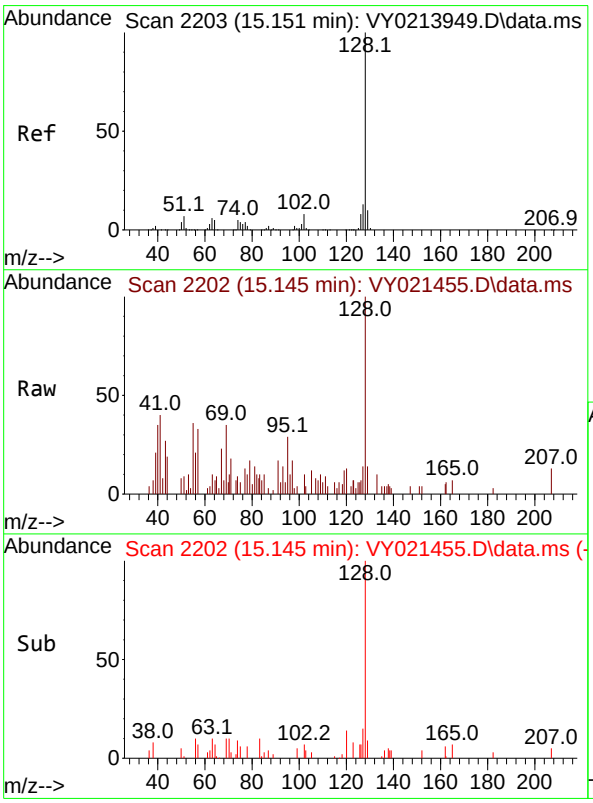
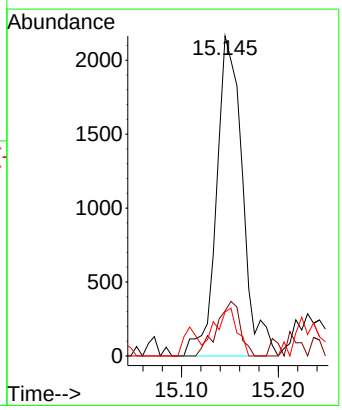




#95
Naphthalene
Concen: 2.785 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. -0.006 min
Lab File: VY021455.D
Acq: 07 Mar 2025 12:55

Tgt Ion:128 Resp: 4032

Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.6	15.8
129	12.9	8.6	13.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021455.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.995	40	45	59	rBV	735837	1368098	94.05%	8.629%
2	2.336	88	101	103	rBV4	32509	98060	6.74%	0.619%
3	2.416	111	114	117	rBV3	11895	16861	1.16%	0.106%
4	2.531	129	133	138	rBV	30795	50293	3.46%	0.317%
5	3.001	206	210	219	rBV3	32473	80987	5.57%	0.511%
6	4.513	452	458	467	rBV6	46257	146849	10.10%	0.926%
7	6.372	753	763	779	rVB2	400046	1454655	100.00%	9.175%
8	7.402	924	932	940	rVB9	6260	18933	1.30%	0.119%
9	7.683	958	978	996	rBV3	263341	1210809	83.24%	7.637%
10	7.884	1005	1011	1027	rVB5	49697	167854	11.54%	1.059%
11	8.055	1030	1039	1052	rBV2	103511	327923	22.54%	2.068%
12	8.164	1053	1057	1058	rVV2	11897	16184	1.11%	0.102%
13	8.219	1058	1066	1076	rVB2	111043	320604	22.04%	2.022%
14	8.445	1096	1103	1115	rVB2	51661	119344	8.20%	0.753%
15	8.603	1120	1129	1141	rBV	241633	774968	53.28%	4.888%
16	9.091	1194	1209	1215	rBV3	76006	204683	14.07%	1.291%
17	9.152	1215	1219	1226	rVV2	20428	40873	2.81%	0.258%
18	9.231	1226	1232	1236	rVV2	8380	17065	1.17%	0.108%
19	9.372	1246	1255	1262	rVB5	10579	25761	1.77%	0.162%
20	9.530	1270	1281	1291	rBV	93780	216698	14.90%	1.367%
21	9.664	1291	1303	1310	rBV	135010	328247	22.57%	2.070%
22	9.737	1310	1315	1318	rBV2	21984	40638	2.79%	0.256%
23	9.872	1329	1337	1351	rVB3	27919	86774	5.97%	0.547%
24	10.030	1357	1363	1368	rBV	24205	42660	2.93%	0.269%
25	10.103	1368	1375	1381	rBV	432914	1039861	71.49%	6.559%
26	10.170	1381	1386	1399	rVV	266979	886381	60.93%	5.591%
27	10.292	1402	1406	1413	rVB2	60707	114970	7.90%	0.725%
28	10.438	1425	1430	1436	rBV2	18010	28575	1.96%	0.180%
29	10.536	1436	1446	1457	rVB5	31823	125382	8.62%	0.791%
30	10.640	1457	1463	1468	rBV4	24593	41776	2.87%	0.264%
31	10.841	1490	1496	1501	rBV5	8407	25427	1.75%	0.160%
32	10.963	1512	1516	1520	rVV2	22614	46971	3.23%	0.296%
33	11.012	1520	1524	1529	rVV2	28006	59058	4.06%	0.373%
34	11.066	1530	1533	1538	rVV5	10648	22513	1.55%	0.142%
35	11.133	1539	1544	1547	rVV6	12832	28200	1.94%	0.178%
36	11.201	1547	1555	1560	rVV5	39953	114480	7.87%	0.722%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

37	11.243	1560	1562	1568	rVV3	28445	48141	3.31%	0.304%
38	11.310	1568	1573	1584	rVB	14445	31677	2.18%	0.200%
39	11.420	1584	1591	1603	rBV	313067	1145441	78.74%	7.225%
40	11.524	1603	1608	1618	rVV2	54933	195823	13.46%	1.235%
41	11.639	1618	1627	1644	rVB	246946	753247	51.78%	4.751%
42	11.963	1668	1680	1690	rBV	112861	339634	23.35%	2.142%
43	12.048	1690	1694	1699	rVB3	8898	16645	1.14%	0.105%
44	12.133	1702	1708	1710	rBV6	10667	21363	1.47%	0.135%
45	12.267	1723	1730	1737	rBV2	51609	114865	7.90%	0.725%
46	12.420	1747	1755	1764	rVB2	400785	837997	57.61%	5.286%
47	12.566	1774	1779	1782	rBV6	12070	24131	1.66%	0.152%
48	12.670	1790	1796	1799	rBV	73472	143804	9.89%	0.907%
49	12.737	1803	1807	1815	rVV3	89495	186666	12.83%	1.177%
50	12.822	1815	1821	1827	rVB	63309	120292	8.27%	0.759%
51	12.901	1827	1834	1841	rBV	29170	66957	4.60%	0.422%
52	12.969	1841	1845	1846	rBV3	13840	15369	1.06%	0.097%
53	12.993	1846	1849	1853	rVB	22462	33995	2.34%	0.214%
54	13.054	1853	1859	1864	rBV	78178	131688	9.05%	0.831%
55	13.103	1864	1867	1873	rVB4	22438	35437	2.44%	0.224%
56	13.212	1877	1885	1889	rBV2	45062	93695	6.44%	0.591%
57	13.353	1894	1908	1913	rBV	415056	751753	51.68%	4.742%
58	13.401	1913	1916	1928	rVB2	101506	224525	15.43%	1.416%
59	13.554	1932	1941	1946	rBV2	45064	129471	8.90%	0.817%
60	13.676	1957	1961	1965	rBV2	47647	67186	4.62%	0.424%
61	13.755	1970	1974	1978	rVB3	16478	24888	1.71%	0.157%
62	13.810	1979	1983	1986	rVV4	11898	21311	1.47%	0.134%
63	13.840	1986	1988	1992	rVV3	16763	18048	1.24%	0.114%
64	13.895	1992	1997	2002	rVB2	40314	62565	4.30%	0.395%
65	14.005	2010	2015	2019	rBV4	15723	23862	1.64%	0.151%
66	14.066	2019	2025	2031	rBV4	9464	24935	1.71%	0.157%
67	14.133	2031	2036	2039	rBV7	9142	17498	1.20%	0.110%
68	14.212	2040	2049	2054	rBV7	14550	44556	3.06%	0.281%
69	14.310	2060	2065	2068	rBV2	30492	47827	3.29%	0.302%
70	14.346	2068	2071	2074	rVV3	20646	30383	2.09%	0.192%
71	14.383	2075	2077	2083	rVV5	10028	15866	1.09%	0.100%
72	14.535	2098	2102	2107	rVB2	37536	52096	3.58%	0.329%
73	14.596	2107	2112	2118	rBV6	20214	50776	3.49%	0.320%
74	14.651	2118	2121	2128	rVB3	20629	36154	2.49%	0.228%
75	14.865	2152	2156	2160	rBV4	11710	15576	1.07%	0.098%
76	15.127	2194	2199	2205	rBV7	11162	27560	1.89%	0.174%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

77	15.230	2212	2216	2231	rVB4	22296	56792	3.90%	0.358%
78	15.346	2231	2235	2241	rVB6	11245	18544	1.27%	0.117%
79	15.681	2285	2290	2297	rVB9	14639	25801	1.77%	0.163%

Sum of corrected areas: 15854255

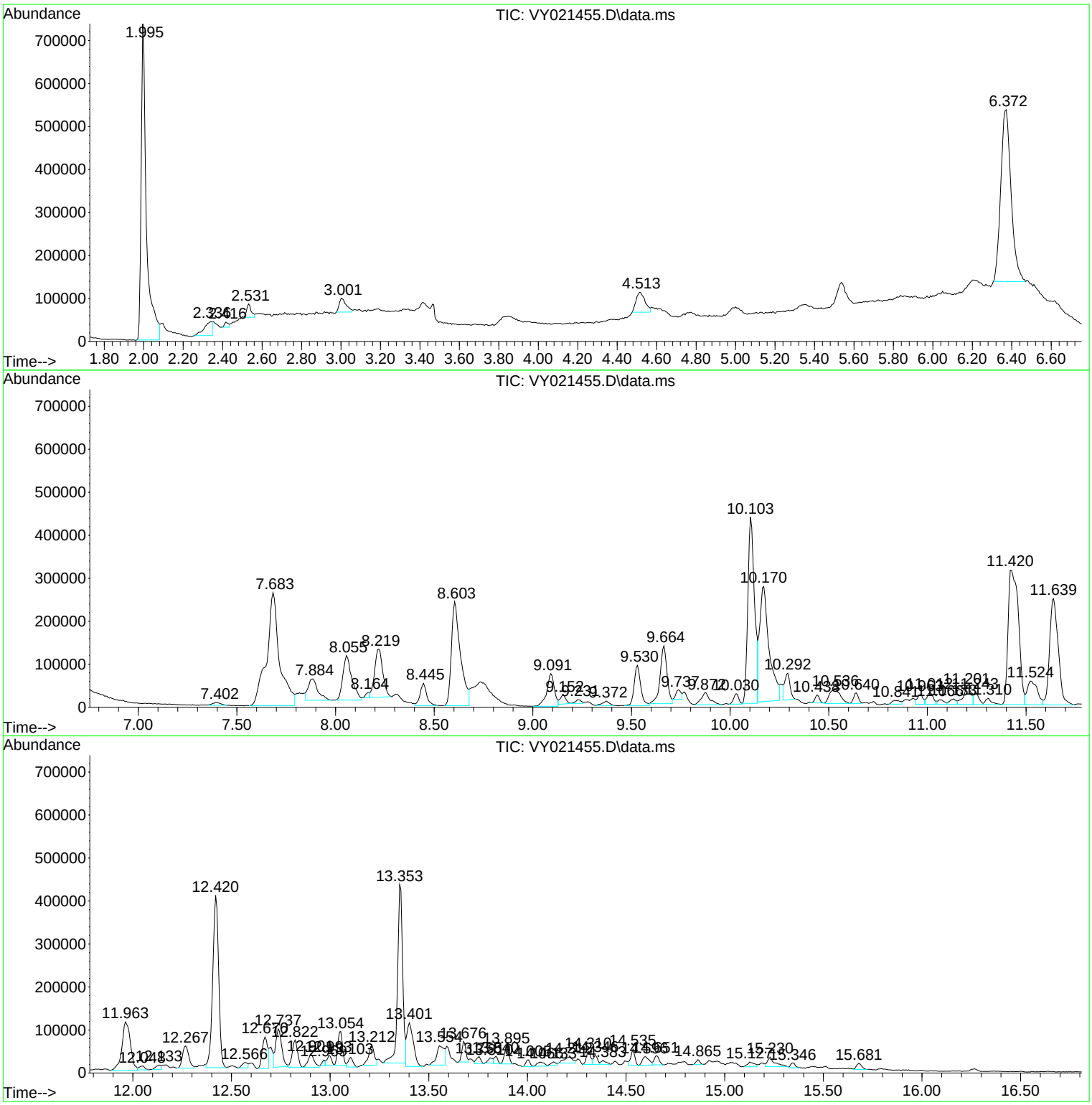
Sample Results: **VY021455.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

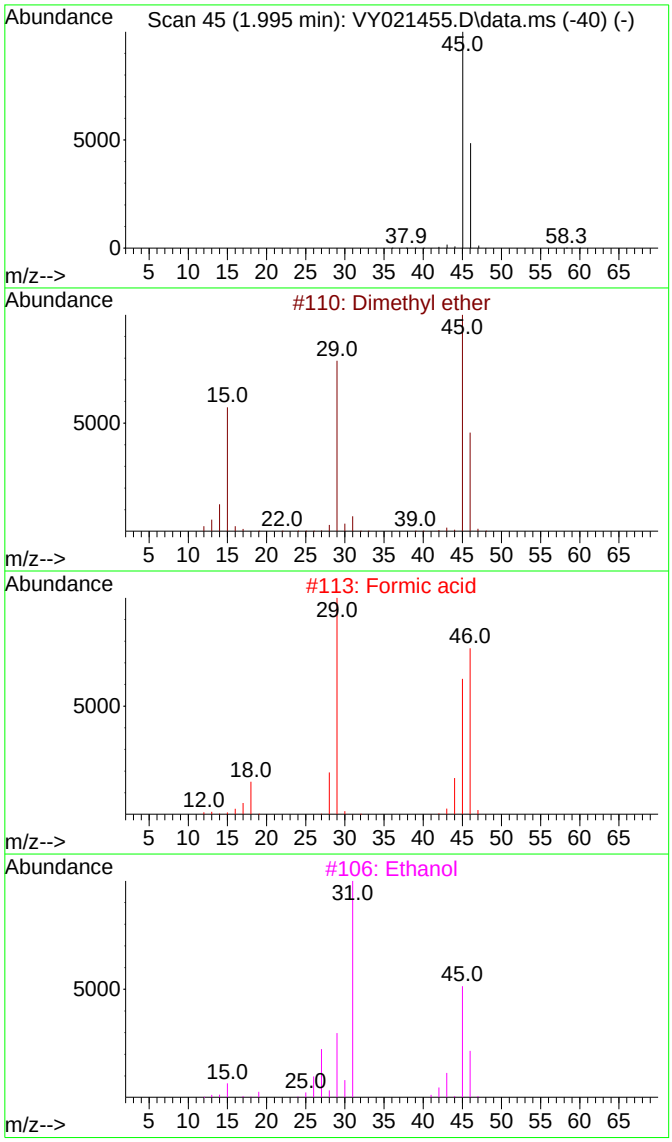
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

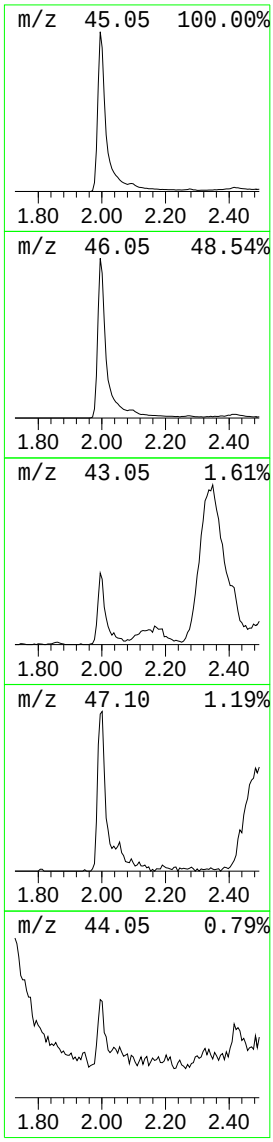
****

Peak Number 1 Dimethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.995	56.50 ug/l	1368100	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl ether	46	C2H6O	000115-10-6	90
2	Formic acid	46	CH2O2	000064-18-6	7
3	Ethanol	46	C2H6O	000064-17-5	7
4	Oxalic acid	90	C2H2O4	000144-62-7	4
5	Methane, nitroso-	45	CH3NO	000865-40-7	3





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On    : 07 Mar 2025  12:55
Operator  : SY/MD
Sample    : Q1463-03
Misc      : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial  : 6   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title  : SW846 8260

TIC Library   : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P
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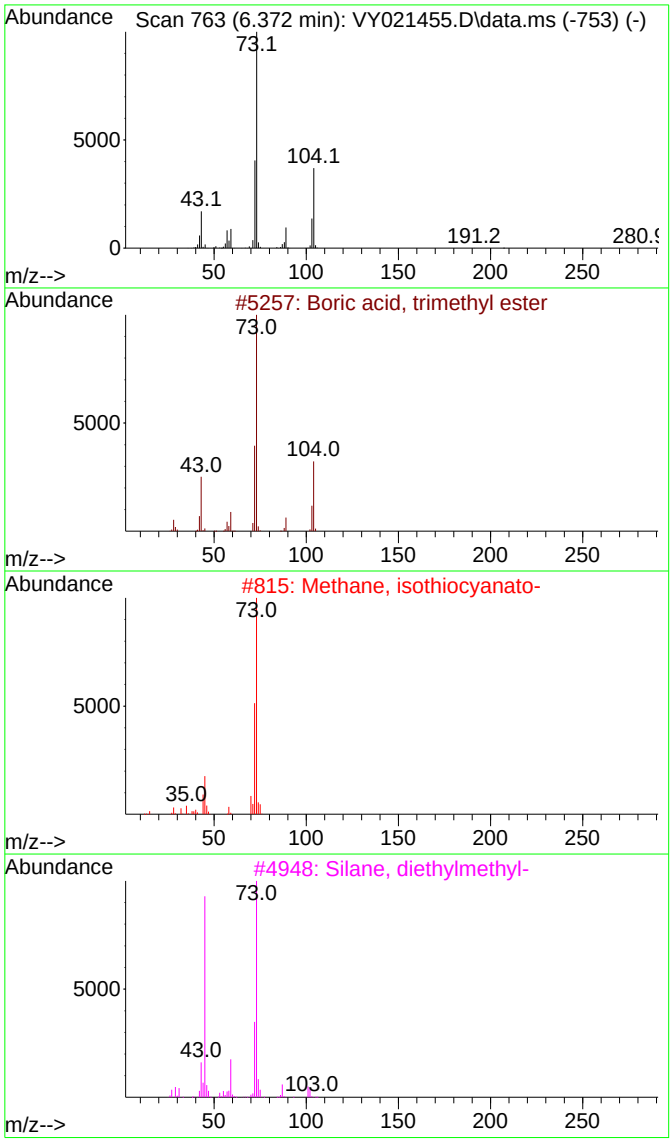
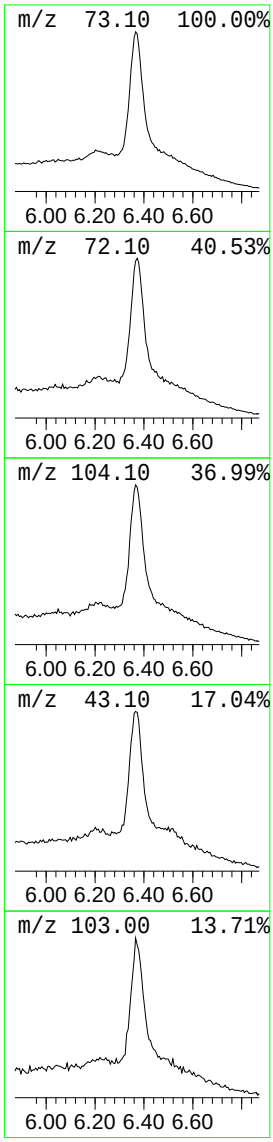
Instrument :
MSVOA_Y
ClientSampleId :
T3

Peak Number 3 Boric acid, trimethyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.372	60.07 ug/l	1454660	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boric acid, trimethyl ester	104	C3H9BO3	000121-43-7	91
2	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9
3	Silane, diethylmethyl-	102	C5H14Si	000760-32-7	7
4	Boronic acid, ethyl-, dimethyl e...	102	C4H11BO2	007318-82-3	7
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

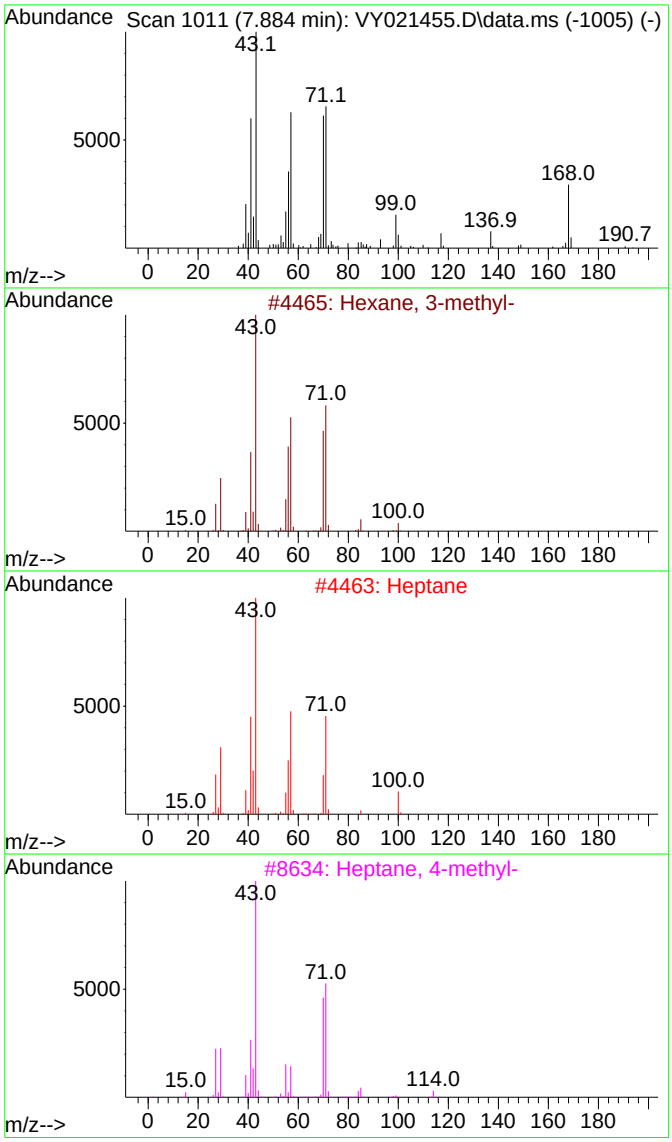
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

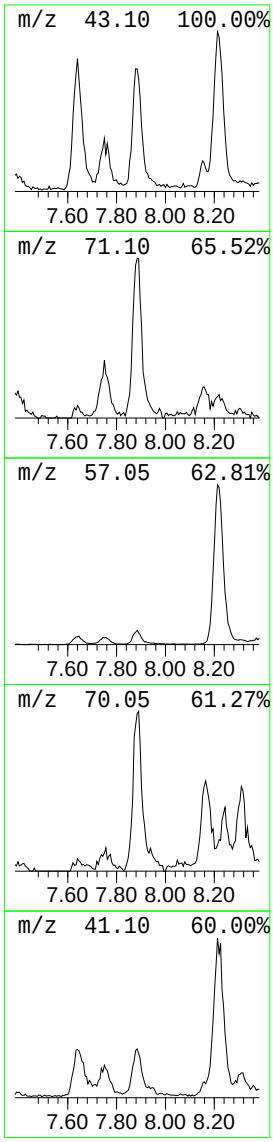
****

Peak Number 4 Hexane, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.884	6.93 ug/l	167854	Pentafluorobenzene	7.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	64
2	Heptane	100	C7H16	000142-82-5	46
3	Heptane, 4-methyl-	114	C8H18	000589-53-7	43
4	Carbonic acid, isobutyl 2-methyl...	188	C10H20O3	1000331-39-8	40
5	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	38





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On    : 07 Mar 2025  12:55
Operator  : SY/MD
Sample    : Q1463-03
Misc      : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial  : 6   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title  : SW846 8260

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

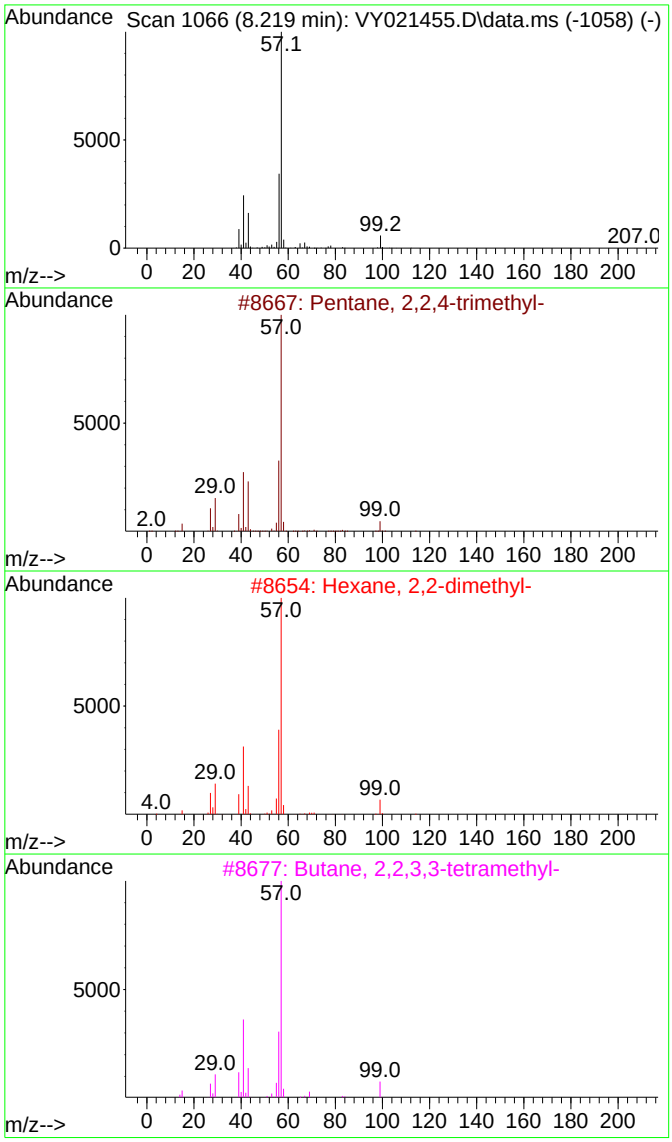
Instrument :
MSVOA_Y
ClientSampleId :
T3

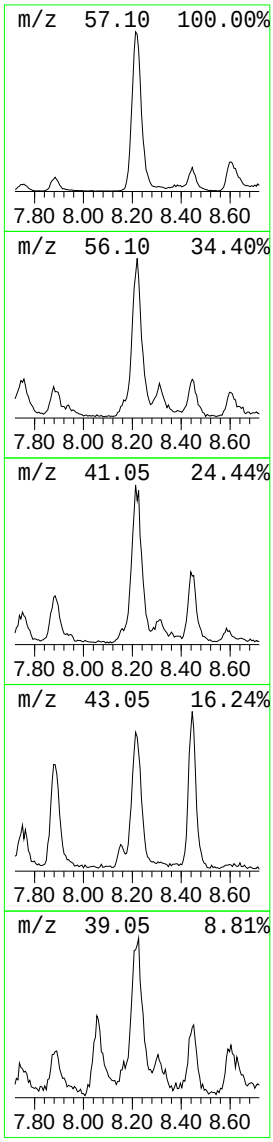
****

Peak Number 5 Pentane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.219	20.68 ug/l	320604	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	64
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	64
3	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50
4	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	42
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

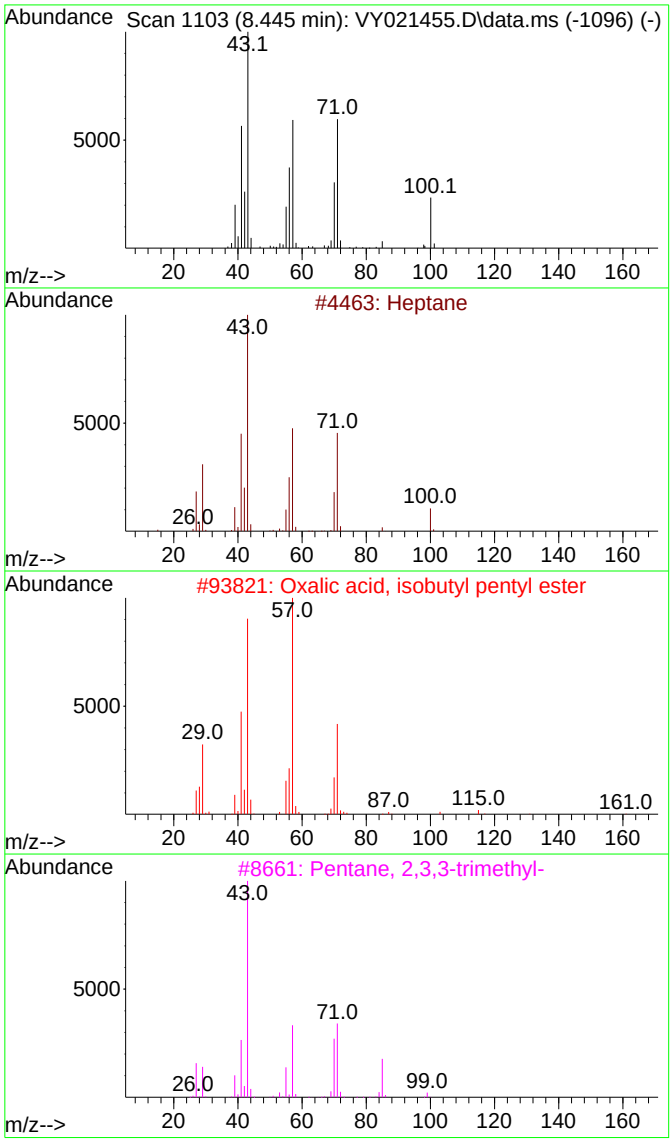
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

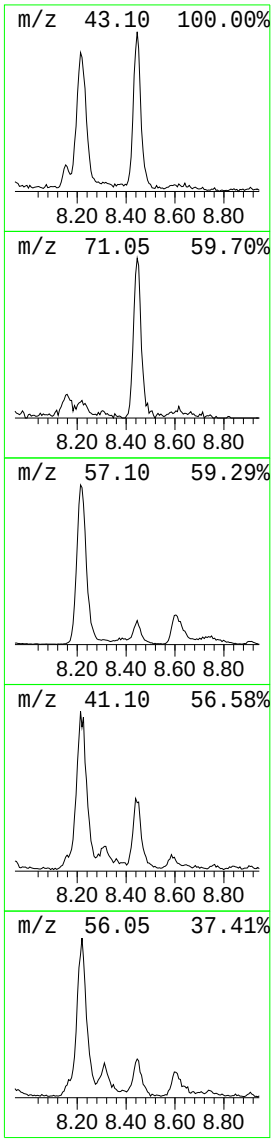
****

Peak Number 6 Heptane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	7.70 ug/l	119344	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	78
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	50
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	47
4	Hexane, 3-methyl-	100	C7H16	000589-34-4	47
5	1-Trifluoroacetoxy-2-methylpentane	198	C8H13F3O2	155089-96-6	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

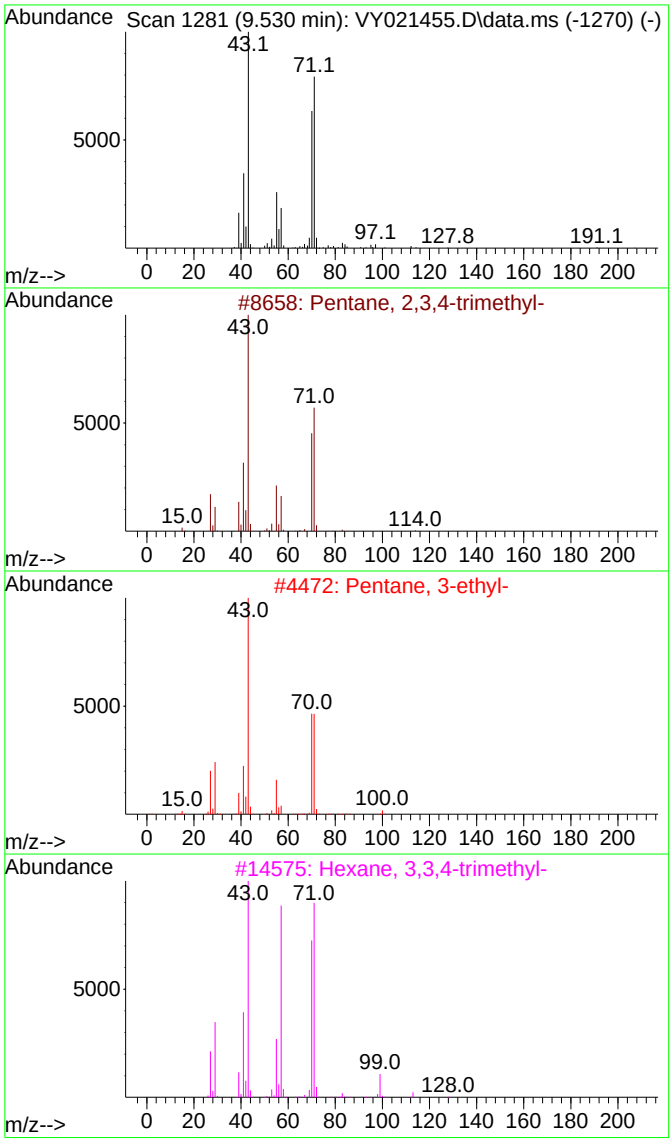
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

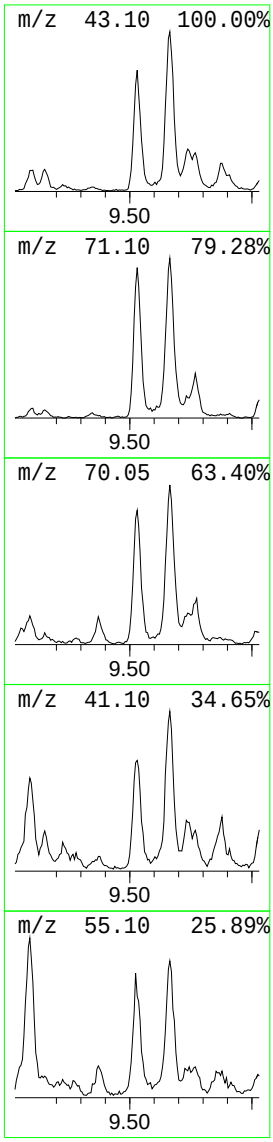
****

Peak Number 7 Pentane, 2,3,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.530	13.98 ug/l	216698	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	91
2	Pentane, 3-ethyl-	100	C7H16	000617-78-7	78
3	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	72
4	Diisoamyl ether	158	C10H22O	000544-01-4	64
5	Propanoic acid, 2-methyl-, 3-met...	158	C9H18O2	002050-01-3	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

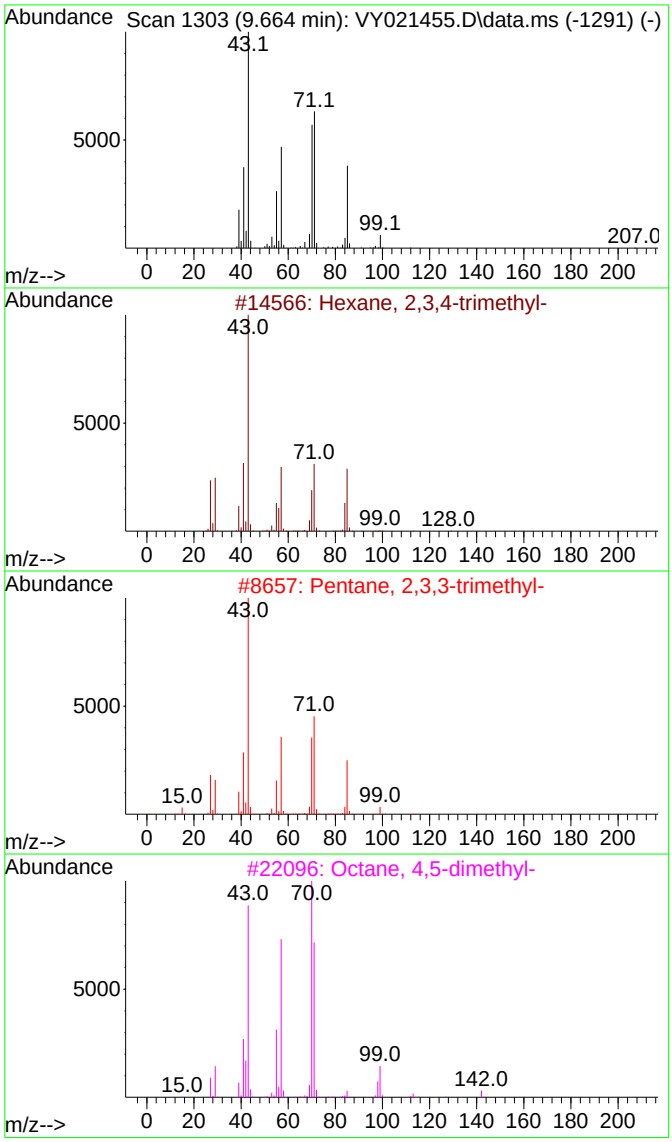
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

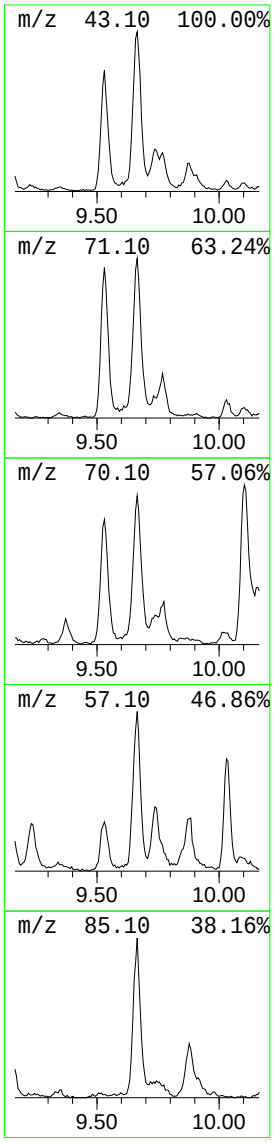
****

Peak Number 8 Hexane, 2,3,4-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.664	21.18 ug/l	328247	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	64
2	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	59
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	50
4	Diisoamyl ether	158	C10H22O	000544-01-4	47
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

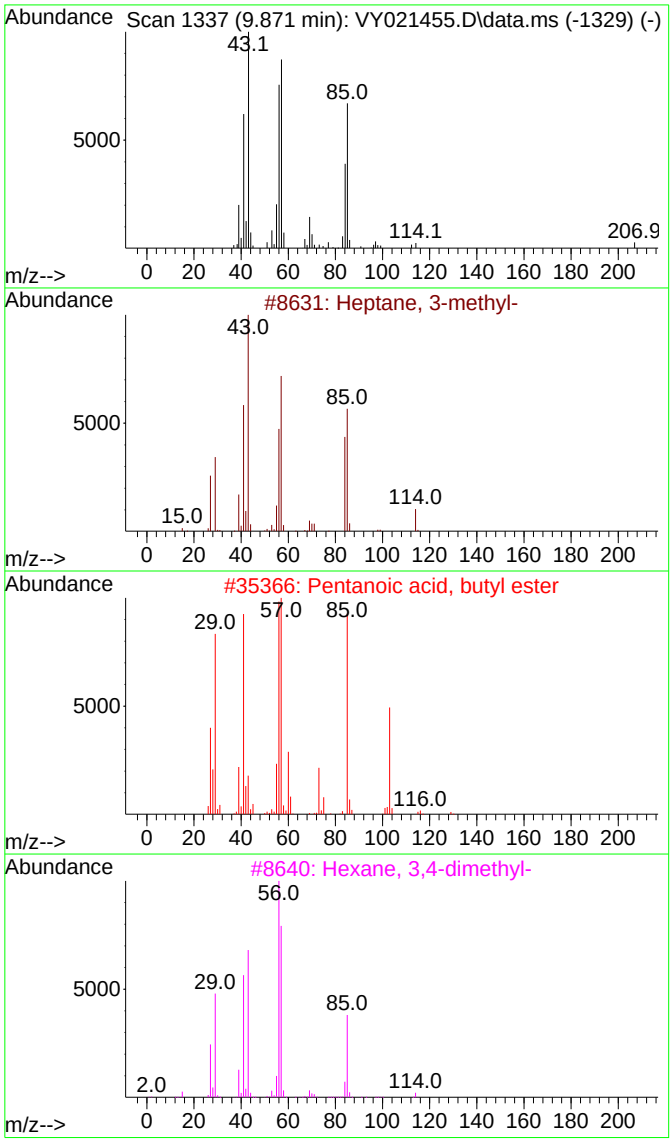
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

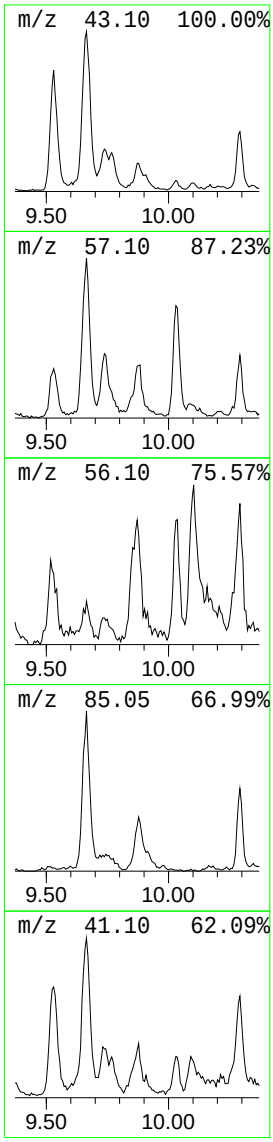
****

Peak Number 9 Heptane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.871	5.60 ug/l	86774	1,4-Difluorobenzene	8.603

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	59
2	Pentanoic acid, butyl ester	158	C9H18O2	000591-68-4	50
3	Hexane, 3,4-dimethyl-	114	C8H18	000583-48-2	50
4	Butanoic acid, 3-methyl-, butyl ...	158	C9H18O2	000109-19-3	50
5	1-Pentanol, 2-methyl-, acetate	144	C8H16O2	007789-99-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

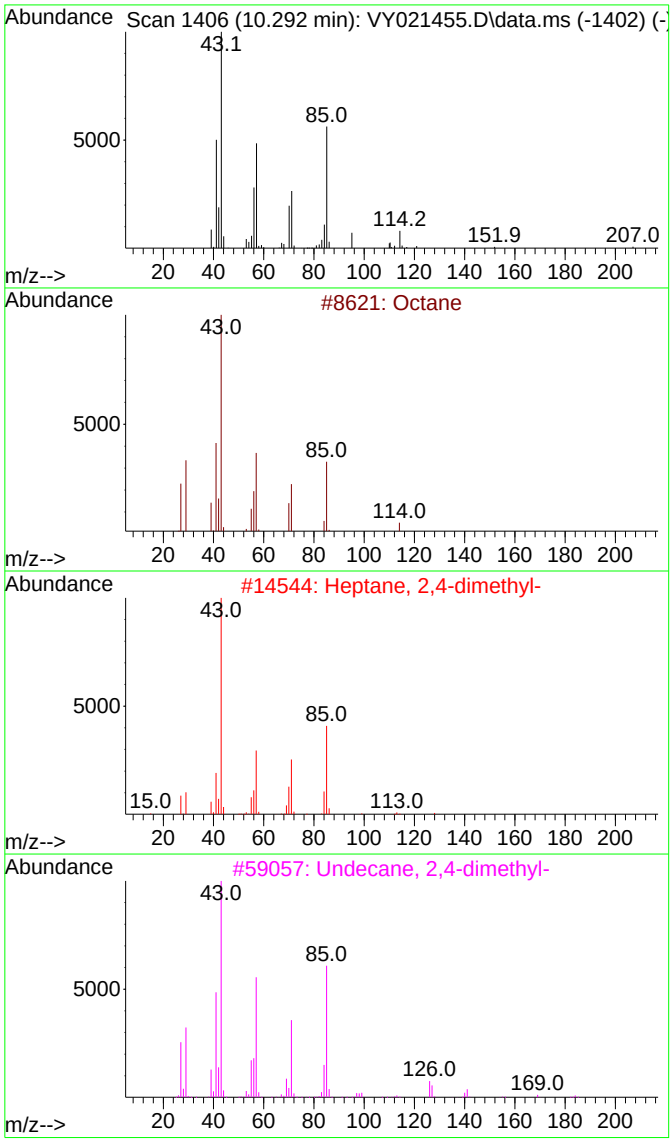
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

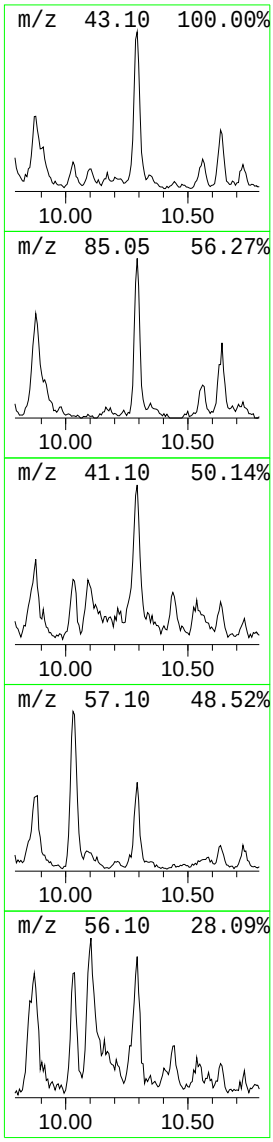
****

Peak Number 10 Octane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.292	5.02 ug/l	114970	Chlorobenzene-d5	11.426

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane	114	C8H18	000111-65-9	81
2	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
3	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	53
4	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	53
5	Oxalic acid, diisohexyl ester	258	C14H26O4	1010309-32-9	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

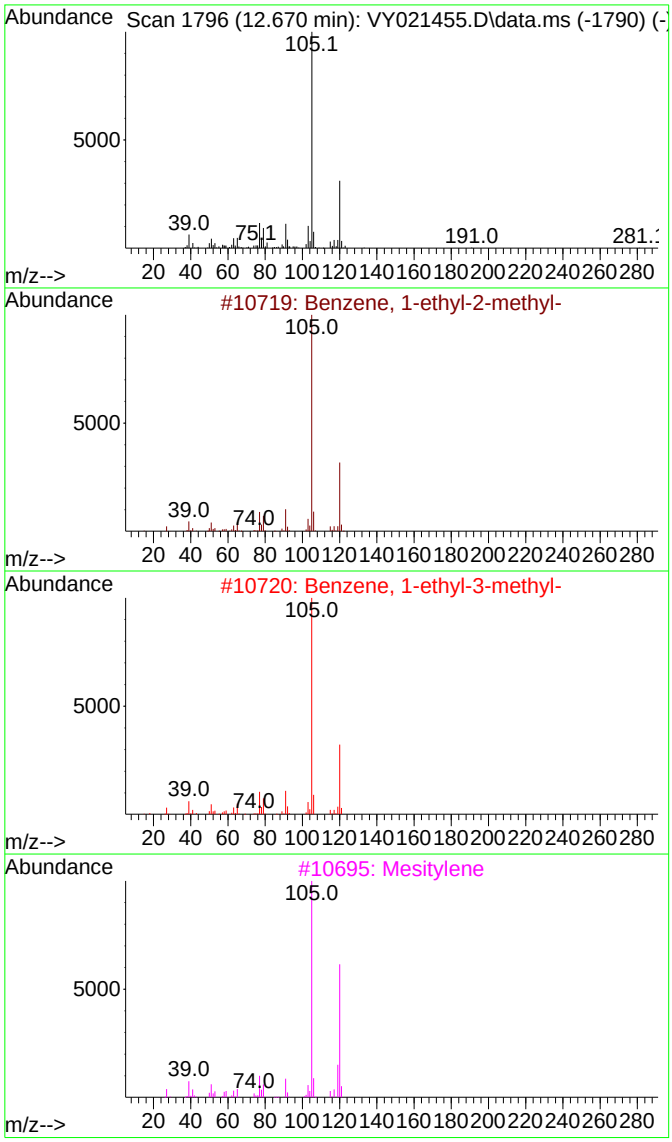
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

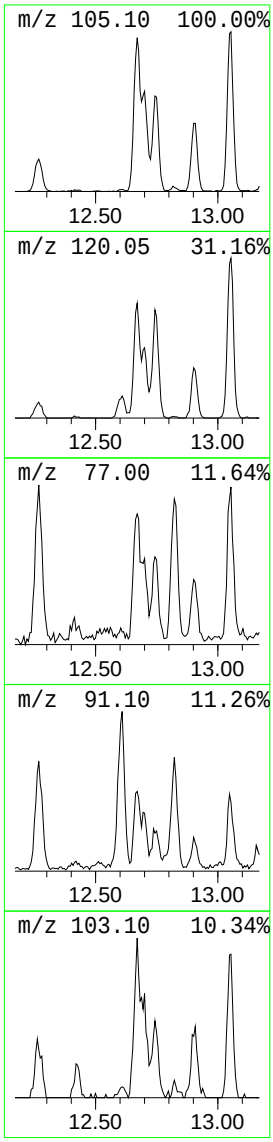
****

Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.670	9.56 ug/l	143804	1,4-Dichlorobenzene-d4	13.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

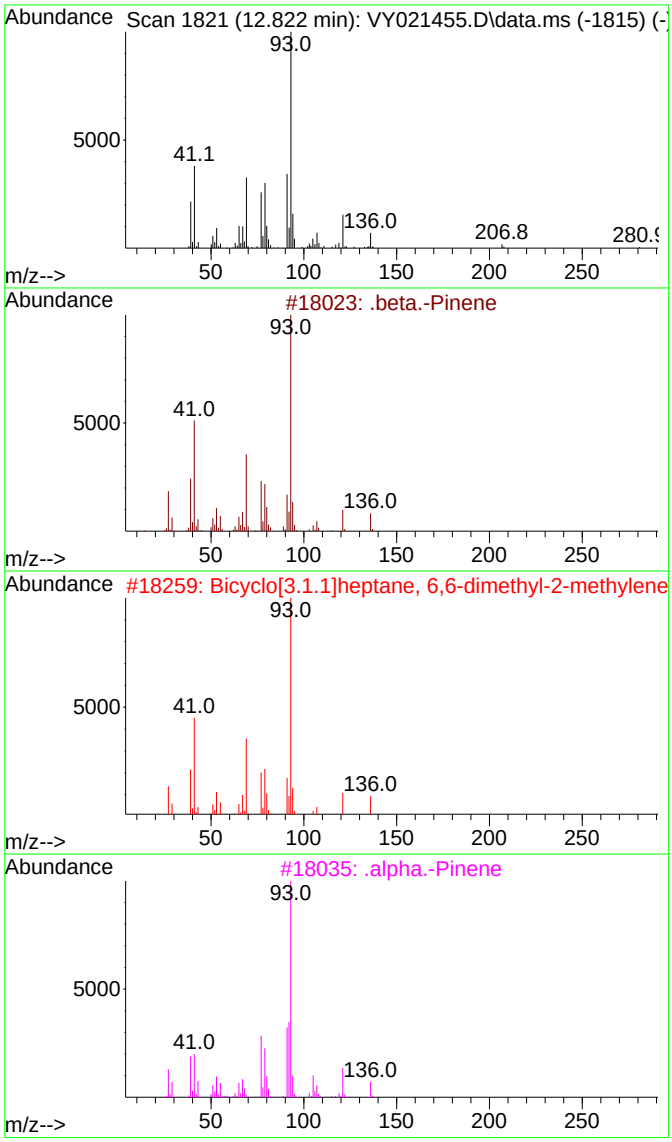
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

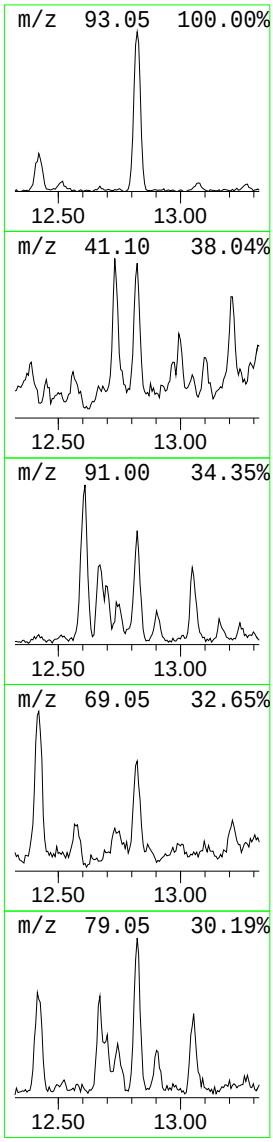
****

Peak Number 13 .beta.-Pinene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.822	8.00 ug/l	120292	1,4-Dichlorobenzene-d4	13.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	94
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	.alpha.-Pinene	136	C10H16	000080-56-8	90
4	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	86
5	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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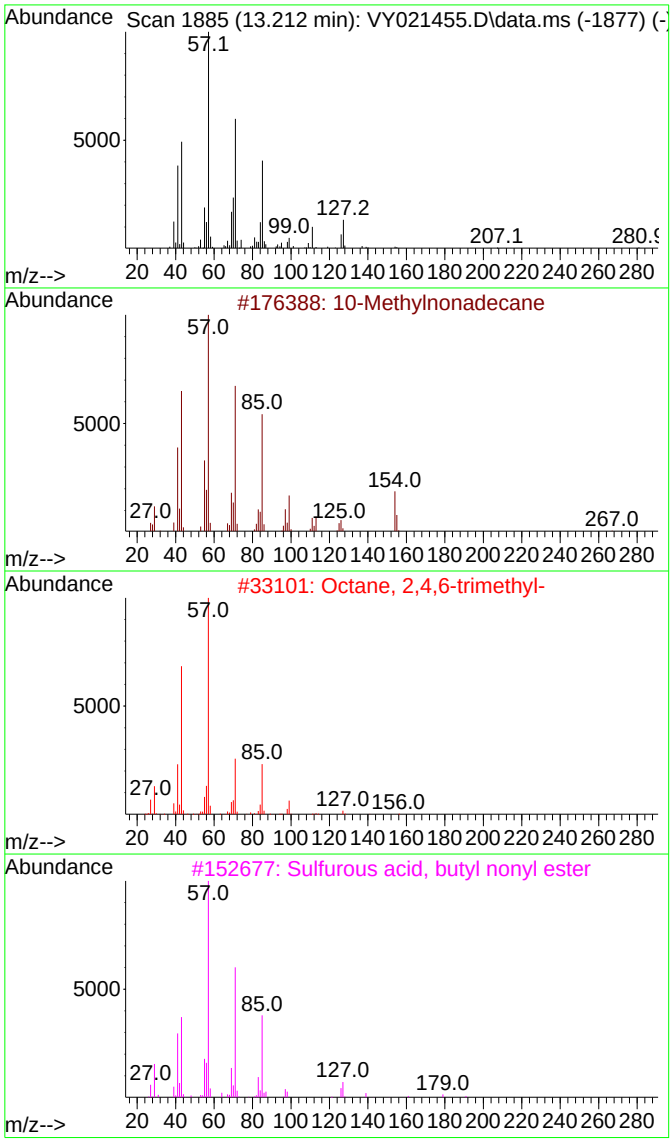
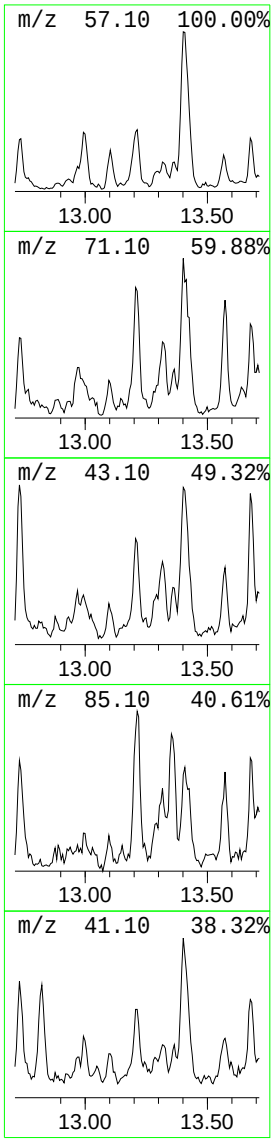
Peak Number 14 10-Methylnonadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.212	6.23 ug/l	93695	1,4-Dichlorobenzene-d4	13.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	59
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	59
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	59
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

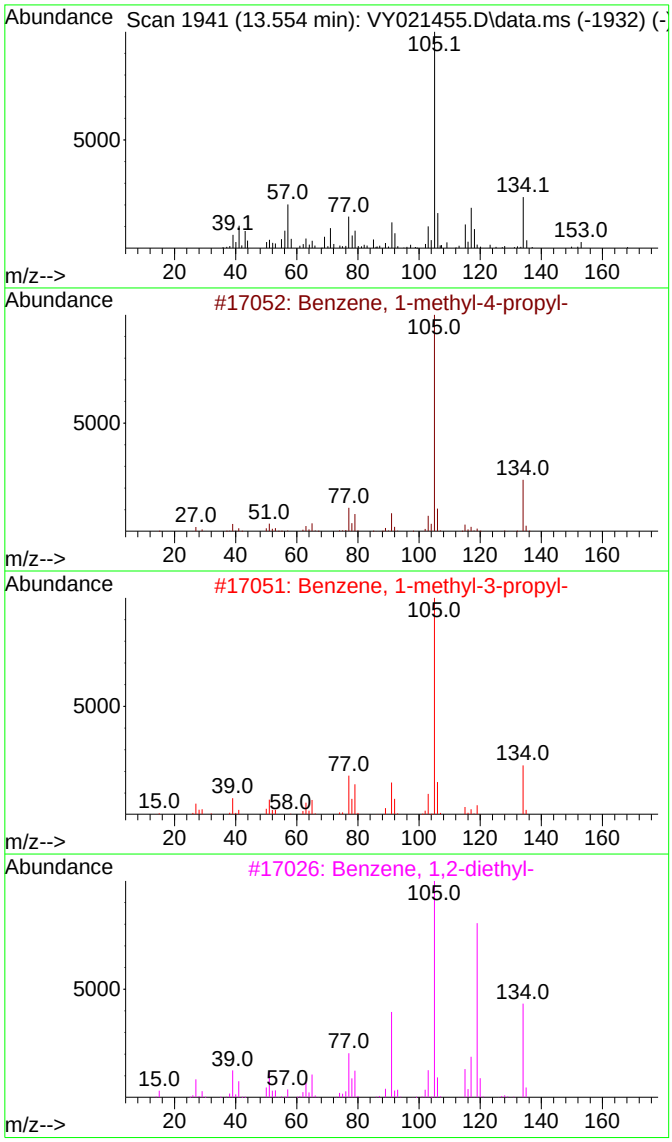
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

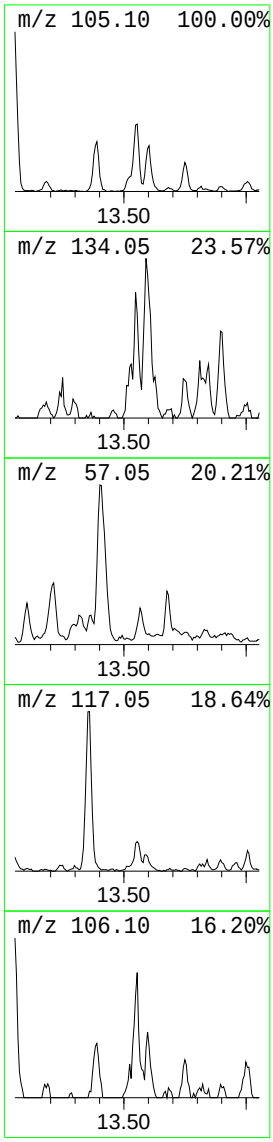
****

Peak Number 15 Benzene, 1-methyl-4-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.554	8.61 ug/l	129471	1,4-Dichlorobenzene-d4	13.359

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	70
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	62
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	58
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021455.D
Acq On : 07 Mar 2025 12:55
Operator : SY/MD
Sample : Q1463-03
Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl ether	1.995	56.5	ug/l	1368100	1	7.683	1210810	50.0
Boric acid, tri...	6.372	60.1	ug/l	1454660	1	7.683	1210810	50.0
Hexane, 3-methyl-	7.884	6.9	ug/l	167854	1	7.683	1210810	50.0
Pentane, 2,2,4-...	8.219	20.7	ug/l	320604	2	8.603	774968	50.0
Heptane	8.445	7.7	ug/l	119344	2	8.603	774968	50.0
Pentane, 2,3,4-...	9.530	14.0	ug/l	216698	2	8.603	774968	50.0
Hexane, 2,3,4-t...	9.664	21.2	ug/l	328247	2	8.603	774968	50.0
Heptane, 3-methyl-	9.871	5.6	ug/l	86774	2	8.603	774968	50.0
Octane	10.292	5.0	ug/l	114970	3	11.426	1145440	50.0
Benzene, 1-ethy...	12.670	9.6	ug/l	143804	4	13.359	751753	50.0
.beta.-Pinene	12.822	8.0	ug/l	120292	4	13.359	751753	50.0
10-Methylnonade...	13.212	6.2	ug/l	93695	4	13.359	751753	50.0
Benzene, 1-meth...	13.554	8.6	ug/l	129471	4	13.359	751753	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021443.D
Acq On : 06 Mar 2025 18:33
Operator : SY/MD
Sample : Q1463-04
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T4

Quant Time: Mar 07 00:42:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

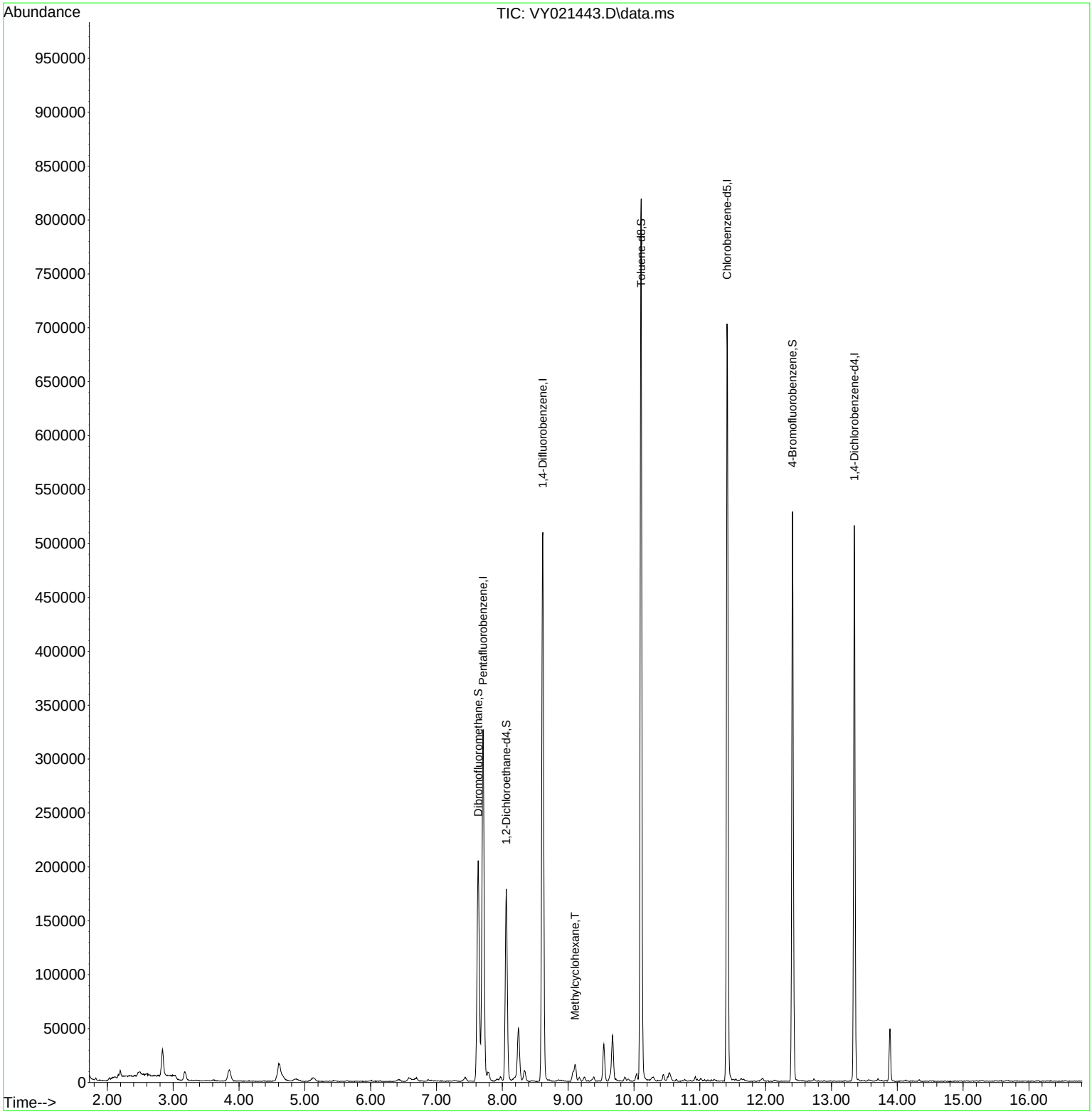
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	230232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	423986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	354306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	121402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	139775	57.440	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.880%			
35) Dibromofluoromethane	7.634	113	139499	50.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.100%			
50) Toluene-d8	10.109	98	513394	48.653	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.408	95	140842	39.238	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.480%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.103	83	5873	1.098	ug/l #	86

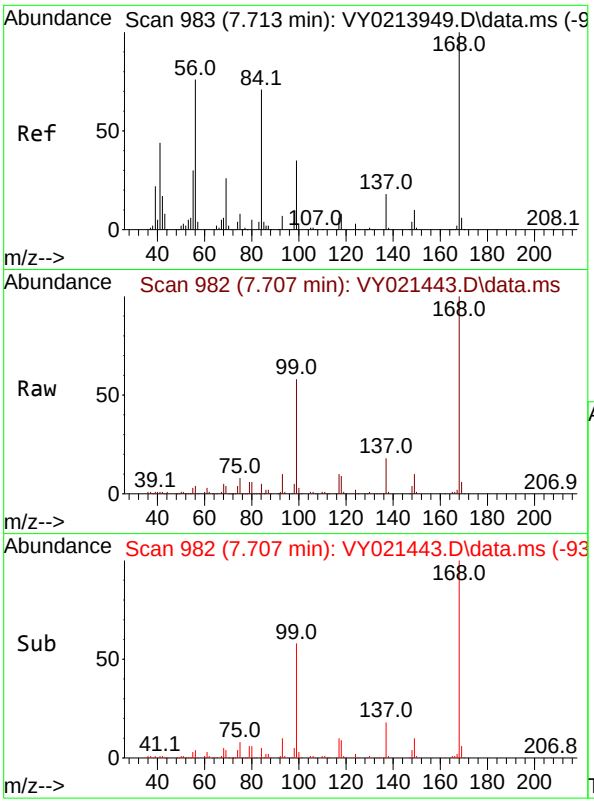
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021443.D
Acq On : 06 Mar 2025 18:33
Operator : SY/MD
Sample : Q1463-04
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T4

Quant Time: Mar 07 00:42:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



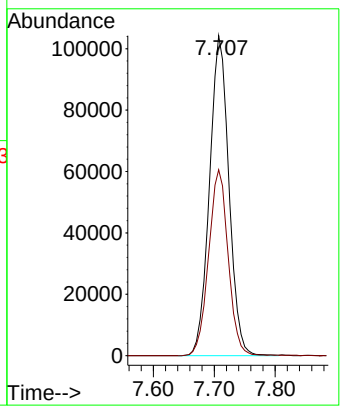


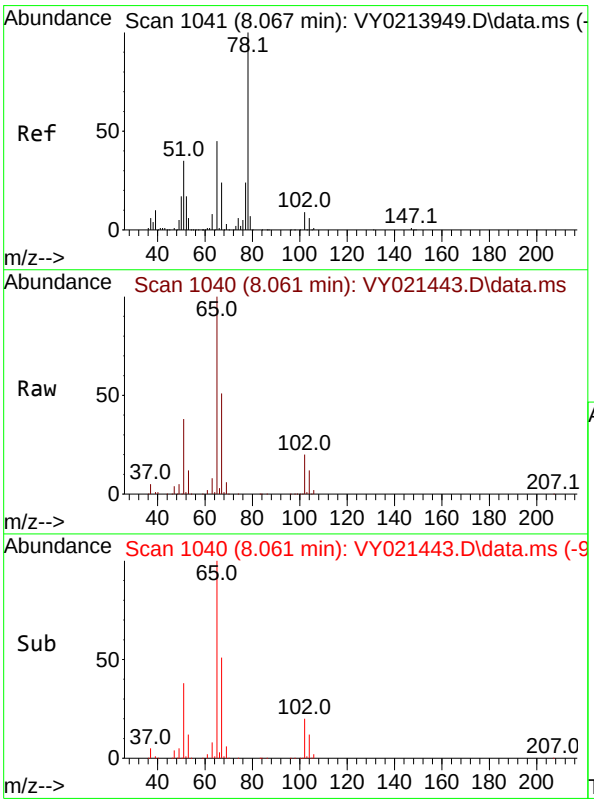
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Instrument :
MSVOA_Y
ClientSampleId :
T4

Tgt Ion:168 Resp: 230232

Ion	Ratio	Lower	Upper
168	100		
99	58.1	46.0	69.0

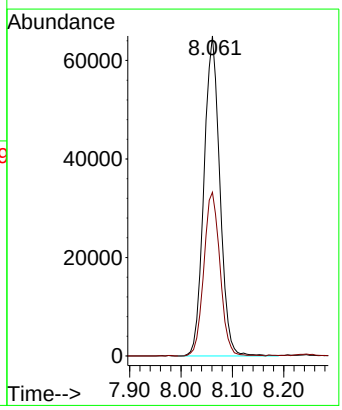


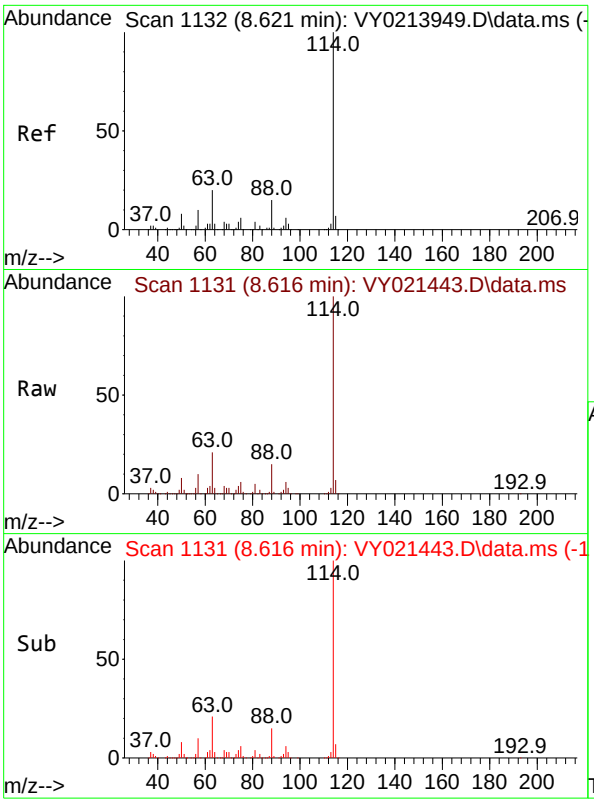


#33
1,2-Dichloroethane-d4
Concen: 57.440 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Tgt Ion: 65 Resp: 139775

Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	102.8



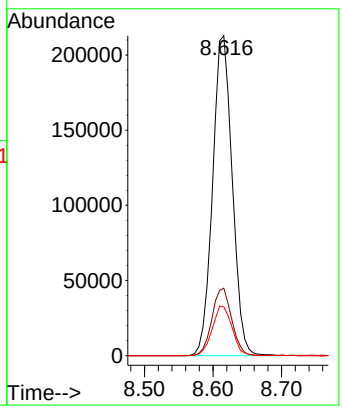


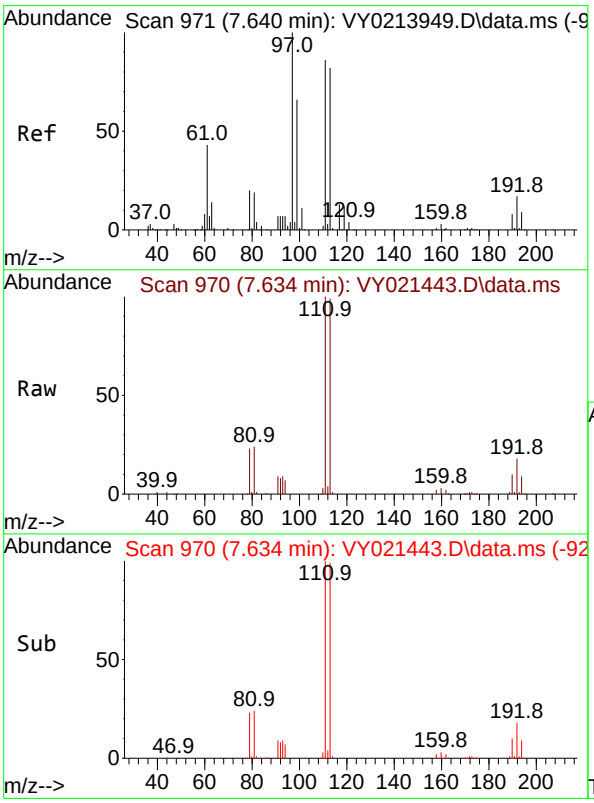
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Instrument :
MSVOA_Y
ClientSampleId :
T4

Tgt Ion:114 Resp: 423986

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.8
88	15.3	0.0	30.8

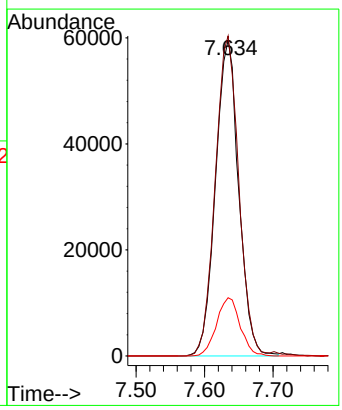


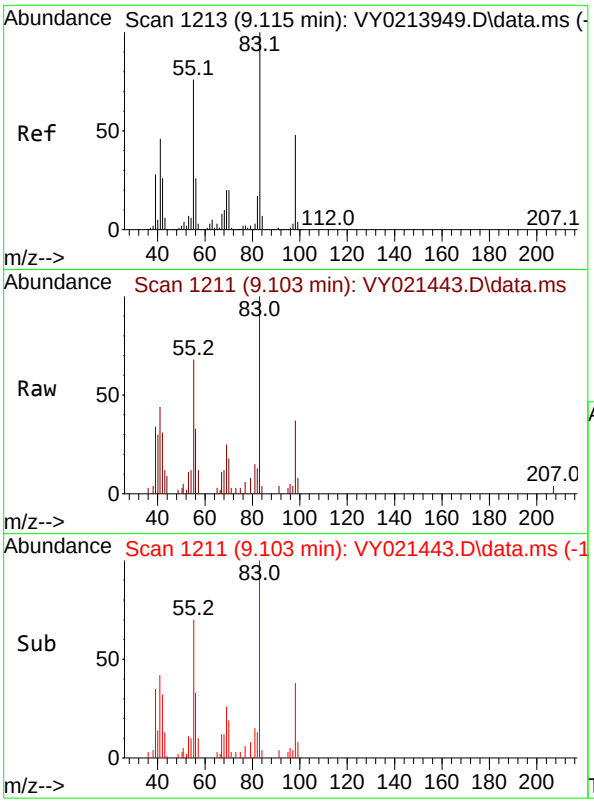


#35
Dibromofluoromethane
Concen: 50.055 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Tgt Ion:113 Resp: 139499

Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.0	123.0
192	18.8	15.9	23.9



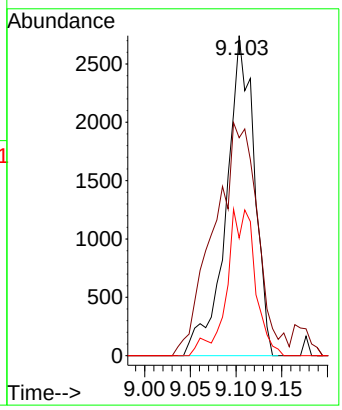


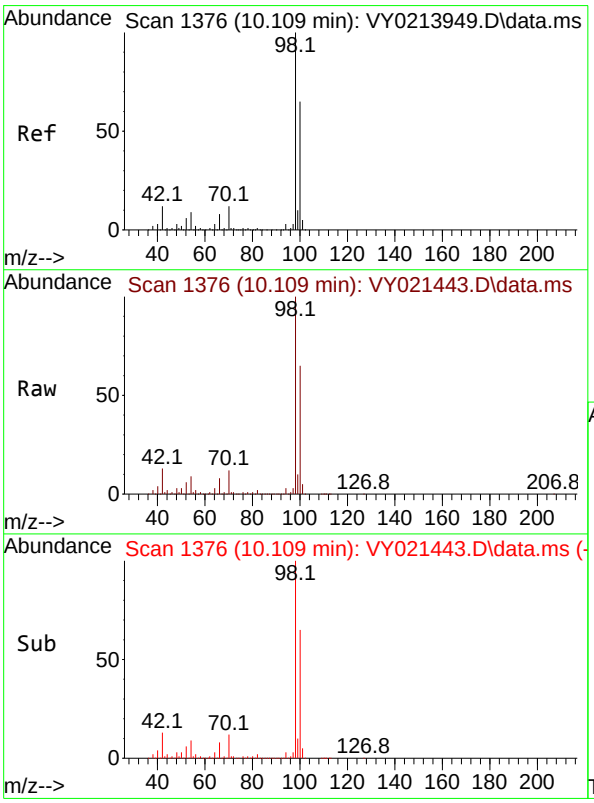
#39
Methylcyclohexane
Concen: 1.098 ug/l
RT: 9.103 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Instrument :
MSVOA_Y
ClientSampleId :
T4

Tgt Ion: 83 Resp: 5873

Ion	Ratio	Lower	Upper
83	100		
55	65.4	60.7	91.1
98	36.8	38.6	57.8#

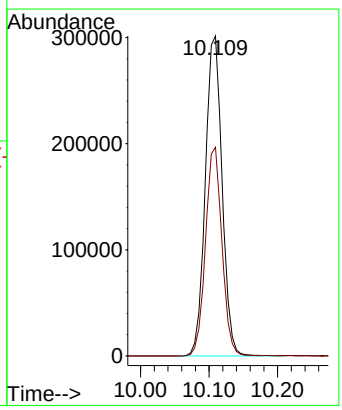


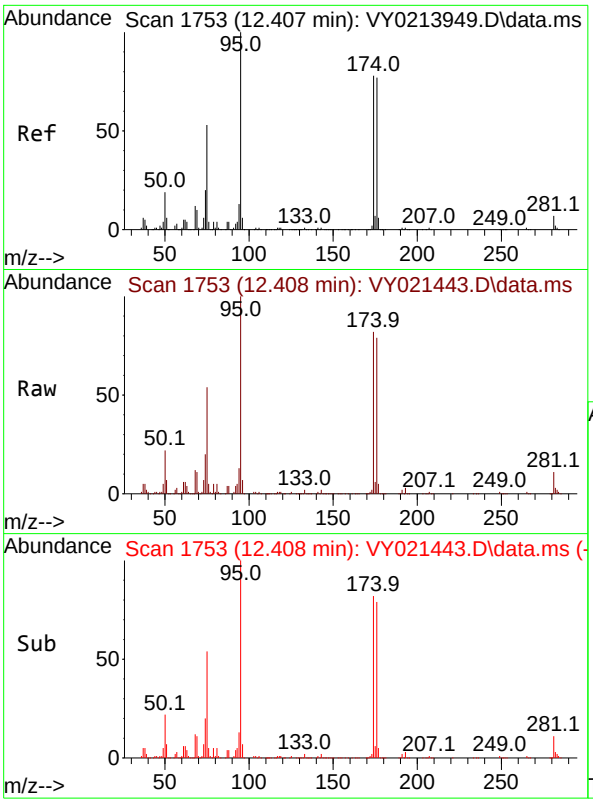


#50
Toluene-d8
Concen: 48.653 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Tgt Ion: 98 Resp: 513394

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.1	78.1



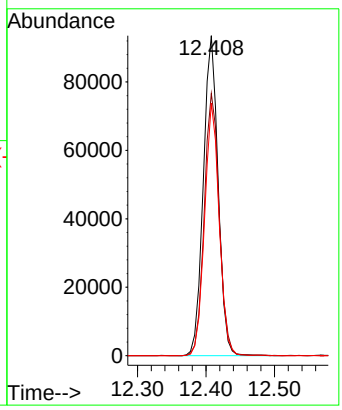


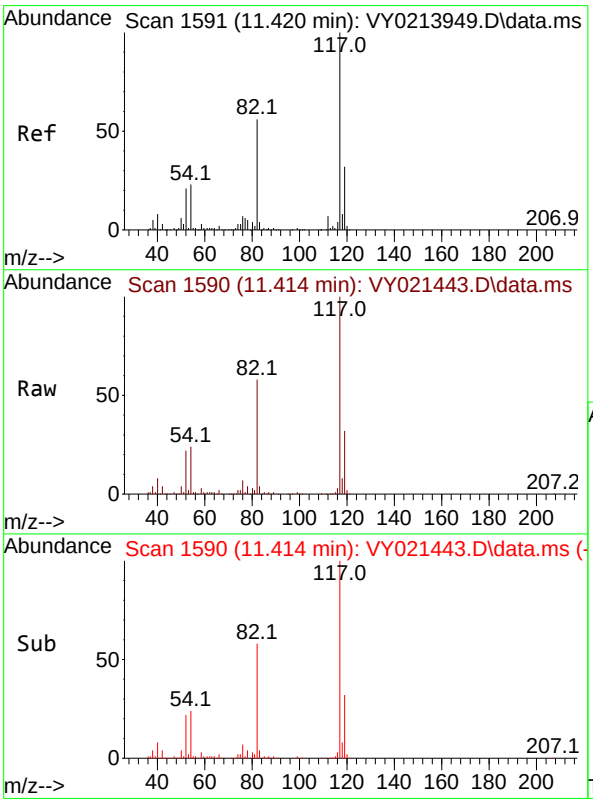
#62
4-Bromofluorobenzene
Concen: 39.238 ug/l
RT: 12.408 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Instrument :
MSVOA_Y
ClientSampleId :
T4

Tgt Ion: 95 Resp: 140842

Ion	Ratio	Lower	Upper
95	100		
174	82.7	0.0	165.0
176	77.6	0.0	160.0

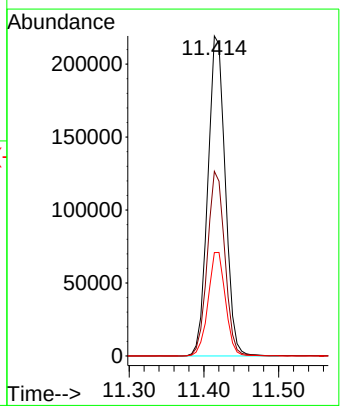


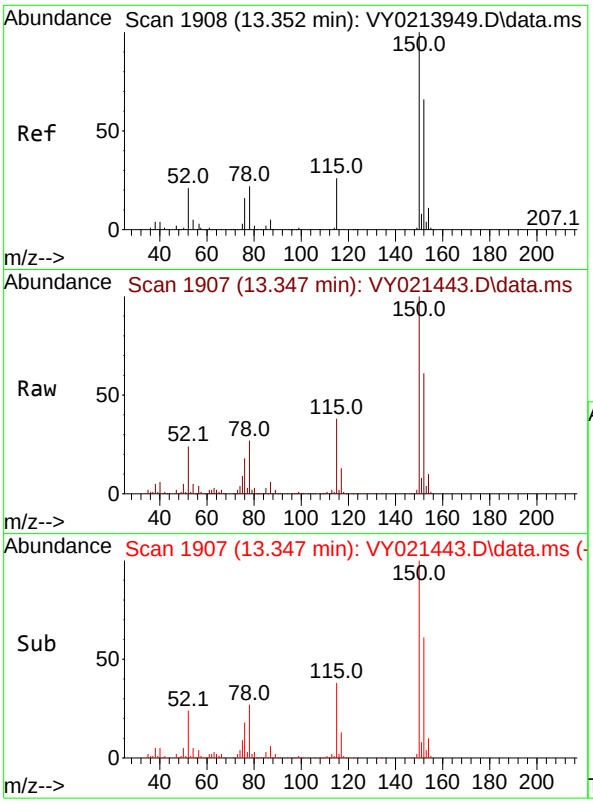


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Tgt Ion:117 Resp: 354306

Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.6	67.0
119	32.3	25.4	38.0



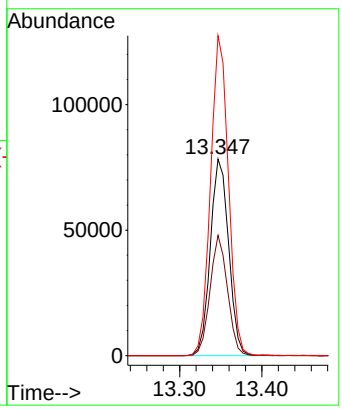


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021443.D
Acq: 06 Mar 2025 18:33

Instrument :
MSVOA_Y
ClientSampleId :
T4

Tgt Ion:152 Resp: 121402

Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.0	87.0
150	158.7	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021443.D
Acq On : 06 Mar 2025 18:33
Operator : SY/MD
Sample : Q1463-04
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T4

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021443.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.836	176	183	192	rBV2	24999	55177	3.93%	0.736%
2	3.178	231	239	246	rBV2	7938	19392	1.38%	0.259%
3	3.854	340	350	361	rVB3	10595	35498	2.53%	0.473%
4	4.604	462	473	495	rBV4	16185	68070	4.85%	0.907%
5	7.634	959	970	976	rBV	204748	487416	34.70%	6.498%
6	7.707	976	982	992	rVV	326159	738691	52.58%	9.848%
7	7.781	992	994	1004	rVB5	8160	17906	1.27%	0.239%
8	8.061	1031	1040	1052	rVB	177495	384317	27.36%	5.124%
9	8.244	1061	1070	1079	rVB	47931	118148	8.41%	1.575%
10	8.335	1079	1085	1095	rVB5	10064	24092	1.71%	0.321%
11	8.616	1121	1131	1143	rBV	509135	1024542	72.93%	13.659%
12	9.103	1199	1211	1218	rBV6	15864	52022	3.70%	0.694%
13	9.542	1275	1283	1292	rVB2	34175	68033	4.84%	0.907%
14	9.677	1292	1305	1312	rBV2	42542	98526	7.01%	1.314%
15	10.109	1368	1376	1391	rVB	817655	1404855	100.00%	18.729%
16	10.542	1437	1447	1459	rVB10	7624	24080	1.71%	0.321%
17	11.414	1583	1590	1602	rBV	702754	1145267	81.52%	15.268%
18	12.408	1745	1753	1762	rBV2	528566	876183	62.37%	11.681%
19	13.347	1898	1907	1915	rBV	515570	779481	55.48%	10.392%
20	13.889	1989	1996	2004	rBV	48819	79250	5.64%	1.057%

Sum of corrected areas: 7500946

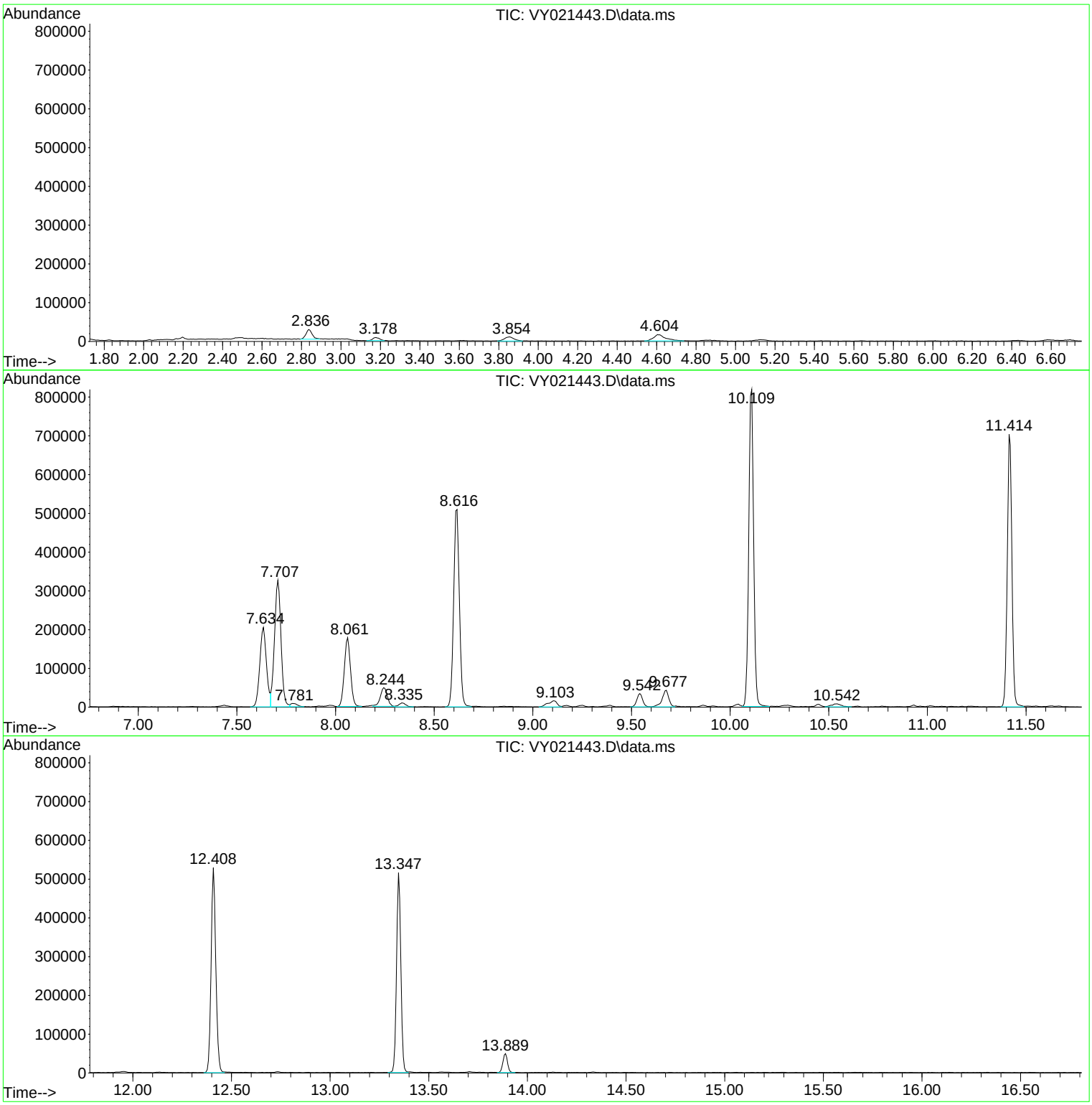
Sample Results: **VY021443.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021443.D
Acq On : 06 Mar 2025 18:33
Operator : SY/MD
Sample : Q1463-04
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021443.D
Acq On : 06 Mar 2025 18:33
Operator : SY/MD
Sample : Q1463-04
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T4

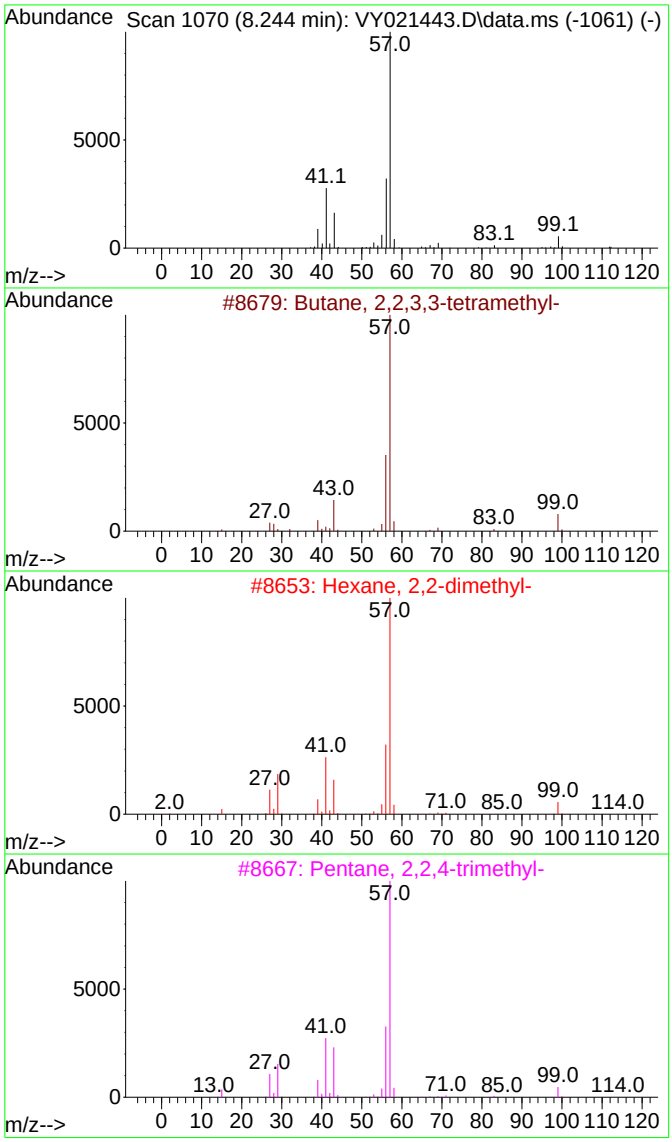
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

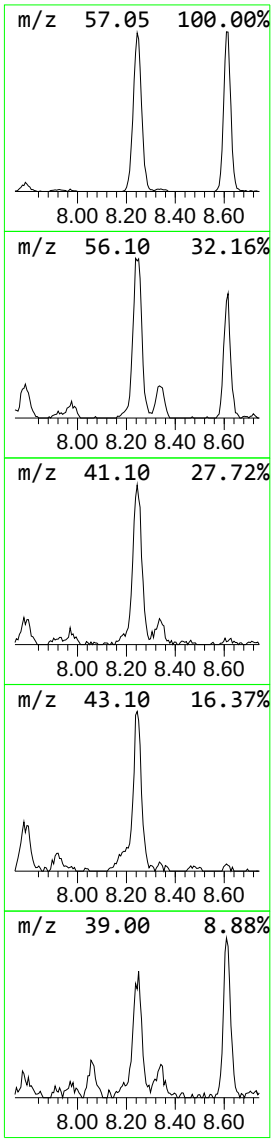
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,2,3,3-tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.244	5.77 ug/l	118148	1,4-Difluorobenzene	8.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	72
2	Hexane, 2,2-dimethyl-	114	C8H18	000590-73-8	72
3	Pentane, 2,2,4-trimethyl-	114	C8H18	000540-84-1	72
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	59
5	Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021443.D
Acq On : 06 Mar 2025 18:33
Operator : SY/MD
Sample : Q1463-04
Misc : 6.12g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,2,3,3...	8.244	5.8	ug/l	118148	2	8.616	1024540	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021442.D
Acq On : 06 Mar 2025 18:09
Operator : SY/MD
Sample : Q1463-05
Misc : 7.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

Quant Time: Mar 07 00:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	226372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	418613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	362578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	131867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	143010	59.771	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.540%			
35) Dibromofluoromethane	7.634	113	142977	51.961	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.920%			
50) Toluene-d8	10.103	98	506571	48.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.240%			
62) 4-Bromofluorobenzene	12.408	95	148435	41.884	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 83.760%			

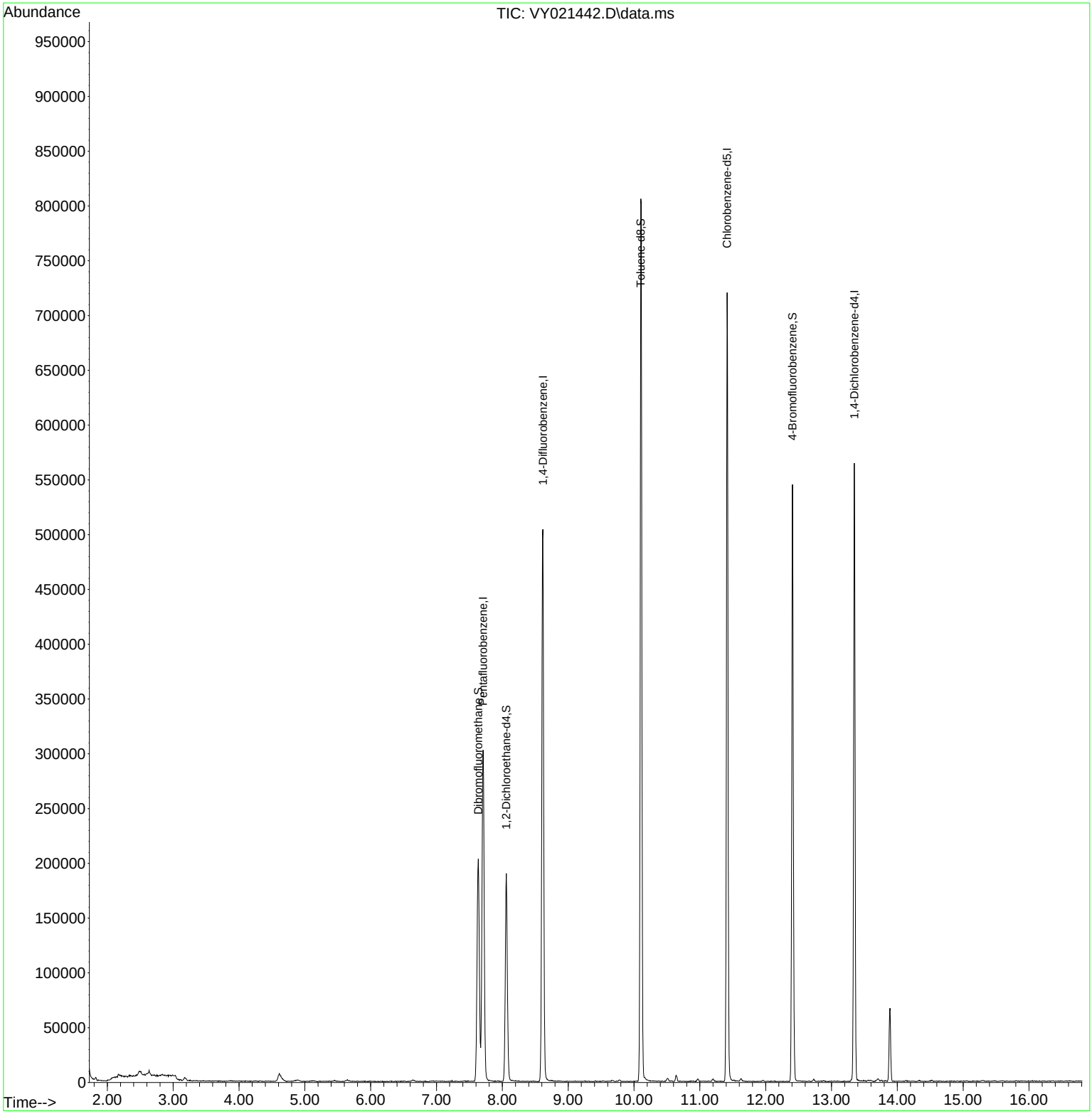
Target Compounds	Qvalue

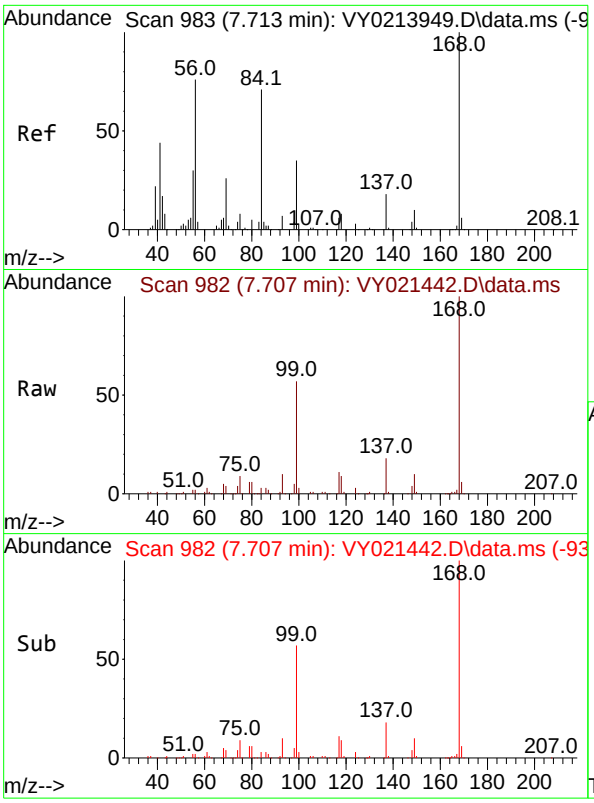
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021442.D
Acq On : 06 Mar 2025 18:09
Operator : SY/MD
Sample : Q1463-05
Misc : 7.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

Quant Time: Mar 07 00:42:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



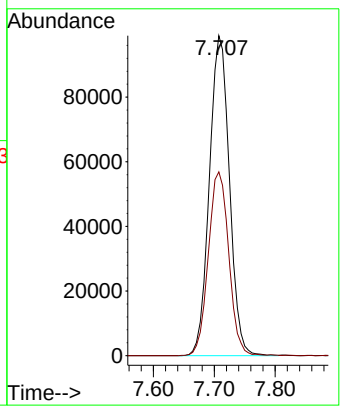


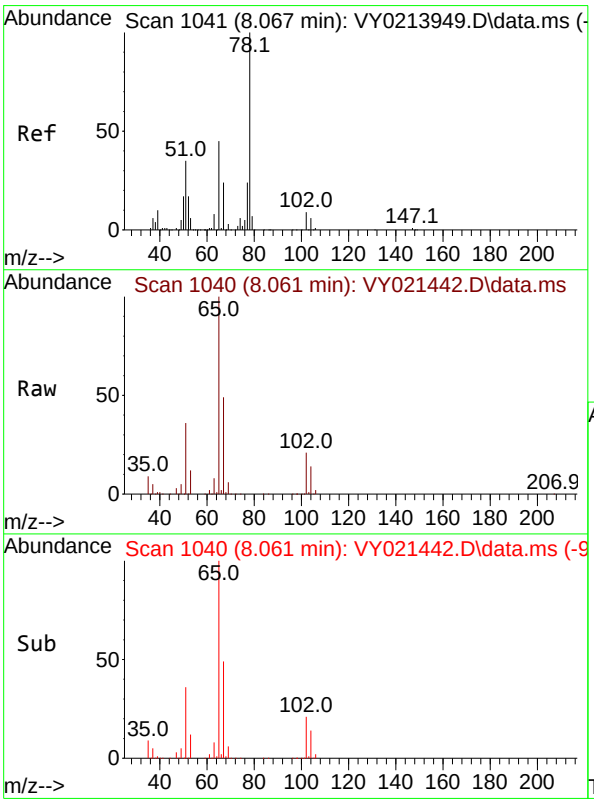
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion:168 Resp: 226372

Ion	Ratio	Lower	Upper
168	100		
99	57.4	46.0	69.0

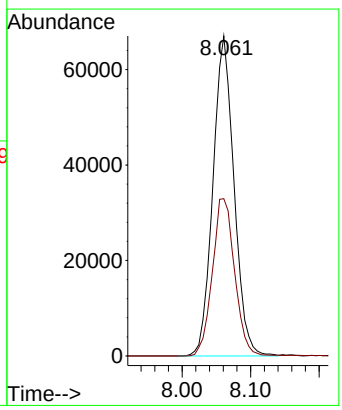


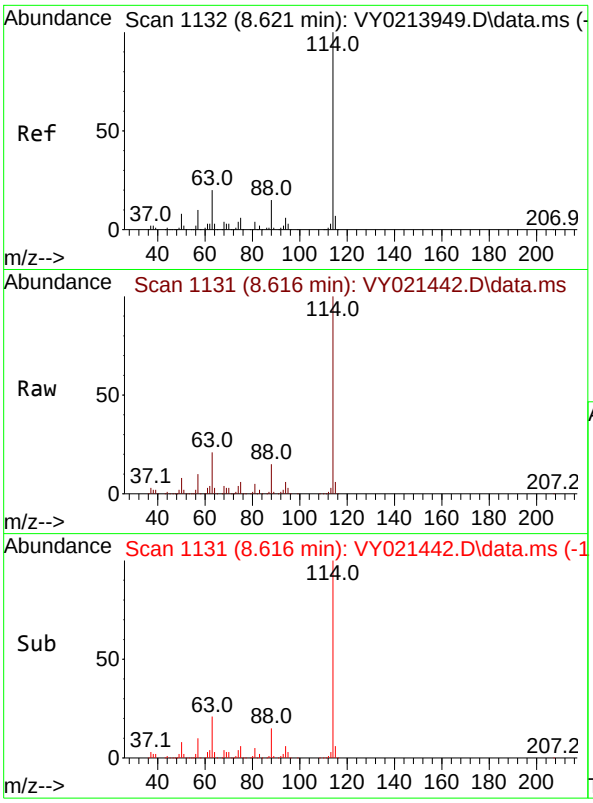


#33
1,2-Dichloroethane-d4
Concen: 59.771 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Tgt Ion: 65 Resp: 143010

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.8



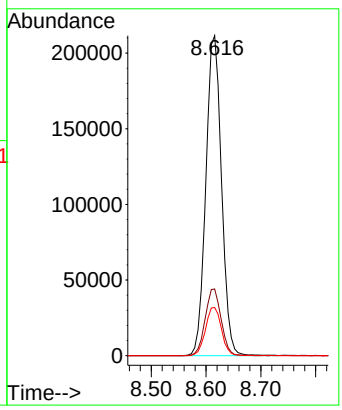


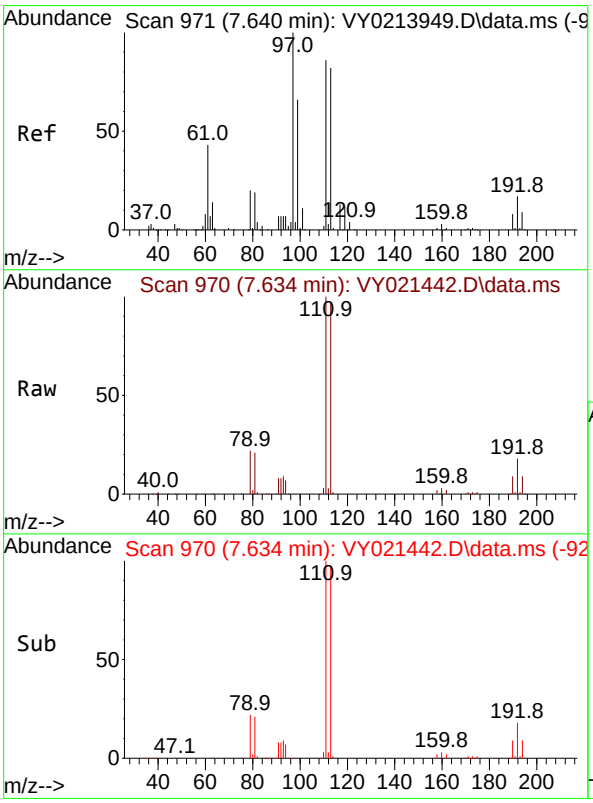
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion:114 Resp: 418613

Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	40.8
88	15.0	0.0	30.8

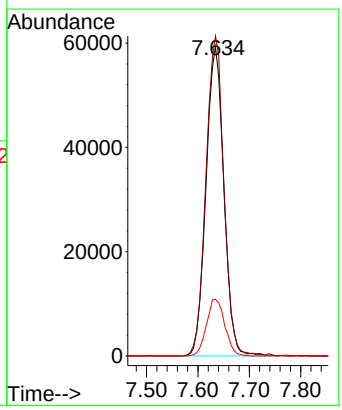


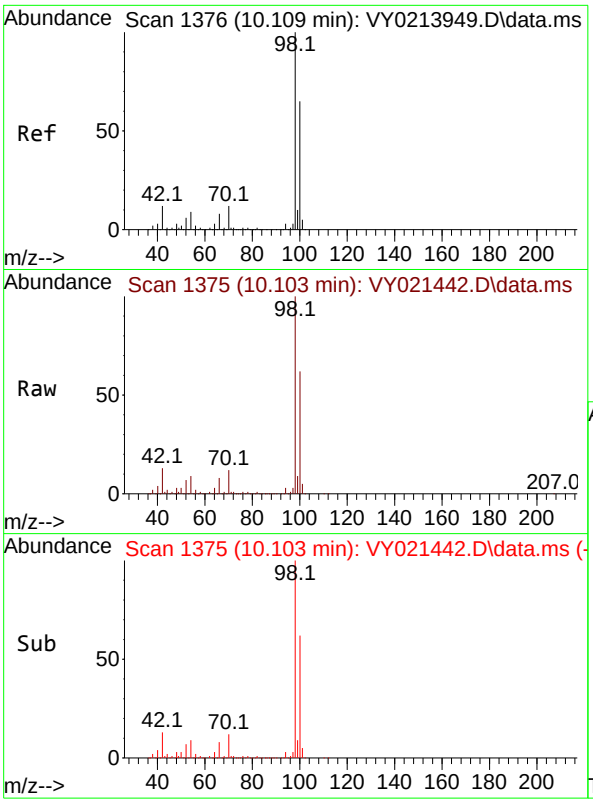


#35
Dibromofluoromethane
Concen: 51.961 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Tgt Ion:113 Resp: 142977

Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.0	123.0
192	18.8	15.9	23.9



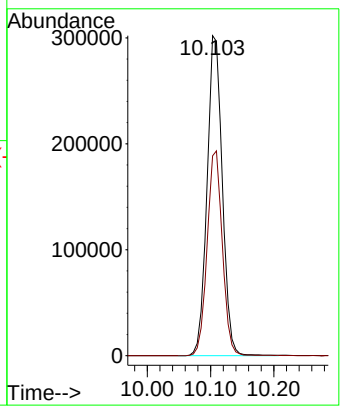


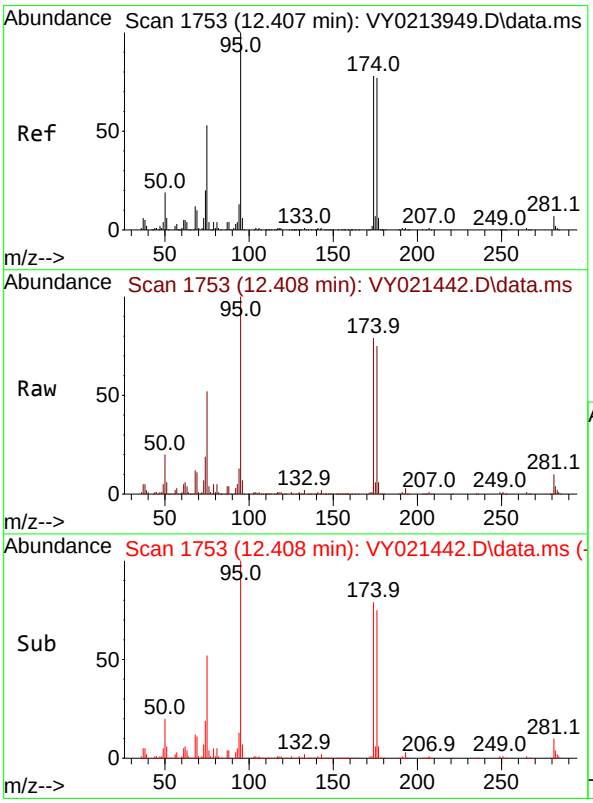
#50
Toluene-d8
Concen: 48.622 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion: 98 Resp: 506571

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.1	78.1

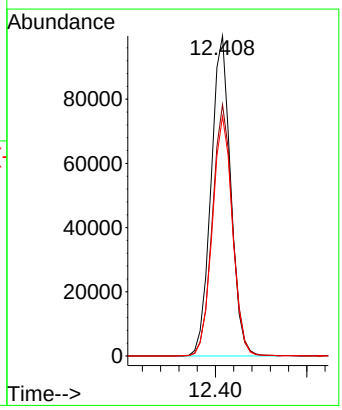


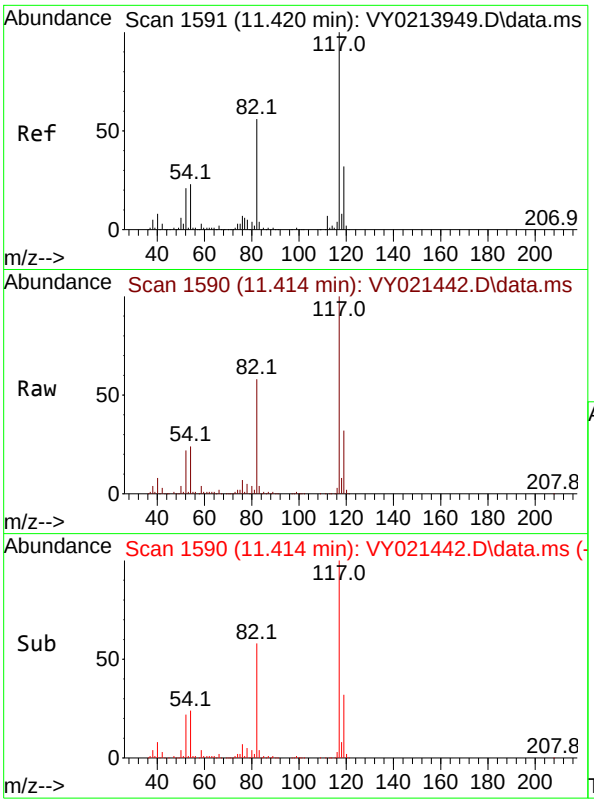


#62
4-Bromofluorobenzene
Concen: 41.884 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Tgt Ion: 95 Resp: 148435

Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	165.0
176	76.7	0.0	160.0



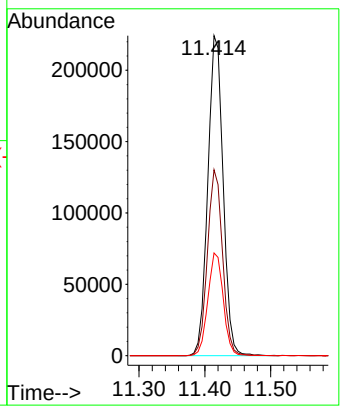


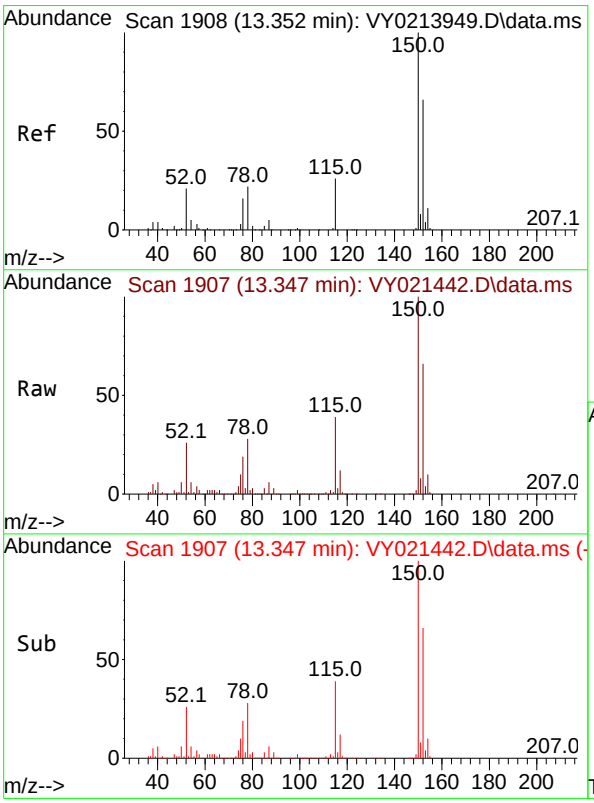
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Instrument :
MSVOA_Y
ClientSampleId :
T5

Tgt Ion:117 Resp: 362578

Ion	Ratio	Lower	Upper
117	100		
82	58.1	44.6	67.0
119	32.1	25.4	38.0

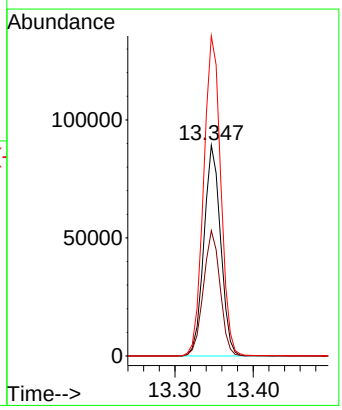




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021442.D
Acq: 06 Mar 2025 18:09

Tgt Ion:152 Resp: 131867

Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.0	87.0
150	155.6	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021442.D
Acq On : 06 Mar 2025 18:09
Operator : SY/MD
Sample : Q1463-05
Misc : 7.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021442.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.610	465	474	488	rBV4	7076	24869	1.82%	0.354%
2	7.634	960	970	976	rBV	202963	493204	36.06%	7.019%
3	7.707	976	982	995	rVB	301777	695089	50.82%	9.892%
4	8.061	1029	1040	1053	rBV	189880	409431	29.93%	5.827%
5	8.616	1120	1131	1147	rBV	503996	1013463	74.10%	14.423%
6	10.103	1368	1375	1384	rBV	805419	1367769	100.00%	19.465%
7	11.414	1582	1590	1604	rBV	720046	1166175	85.26%	16.596%
8	12.408	1745	1753	1765	rBV2	545055	901469	65.91%	12.829%
9	13.347	1895	1907	1917	rBV	564410	845691	61.83%	12.035%
10	13.889	1989	1996	2002	rBV2	66855	109753	8.02%	1.562%

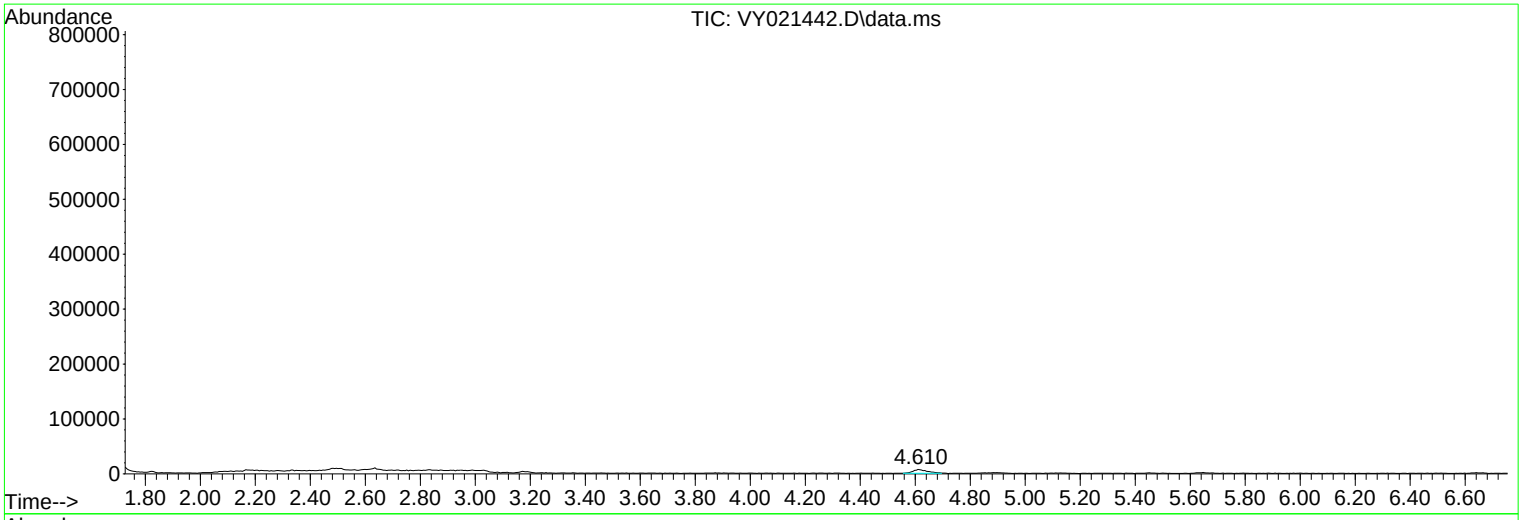
Sum of corrected areas: 7026913

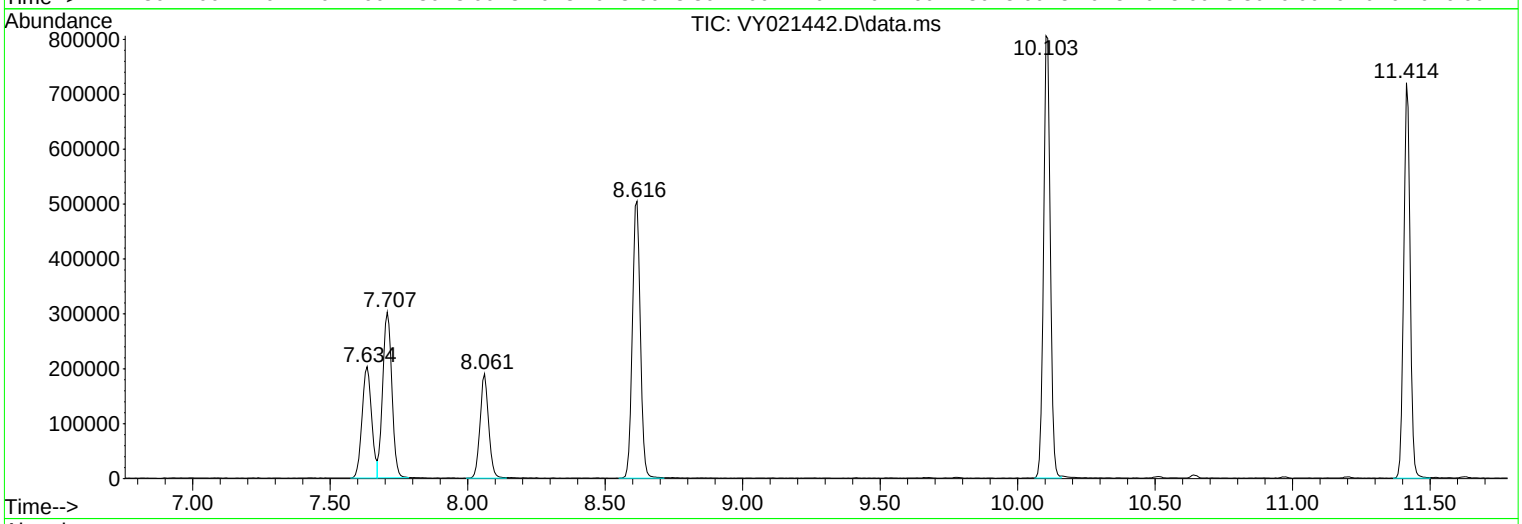
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021442.D
Acq On : 06 Mar 2025 18:09
Operator : SY/MD
Sample : Q1463-05
Misc : 7.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

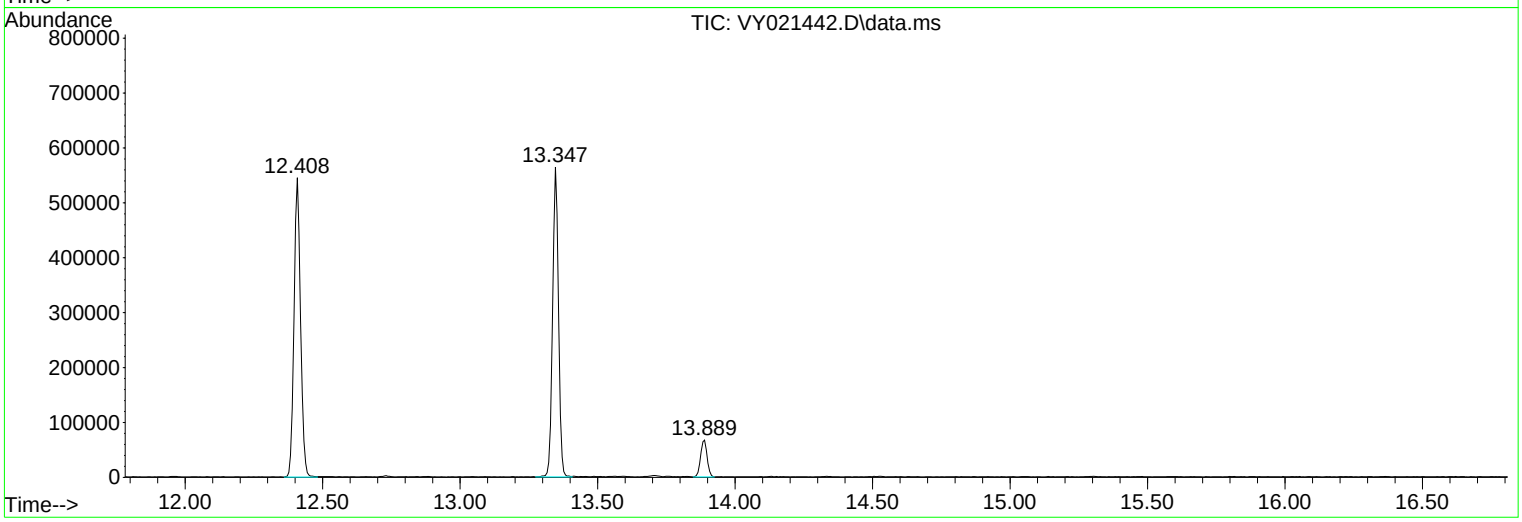
Instrument :
MSVOA_Y
ClientSampleId :
T5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021442.D
Acq On : 06 Mar 2025 18:09
Operator : SY/MD
Sample : Q1463-05
Misc : 7.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

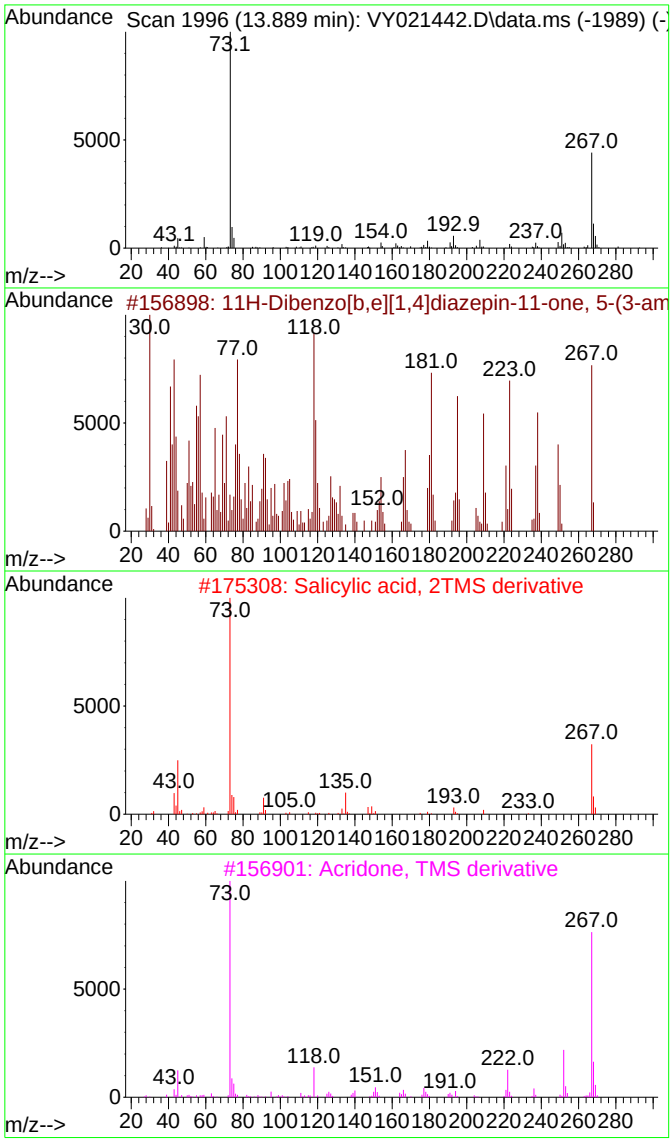
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

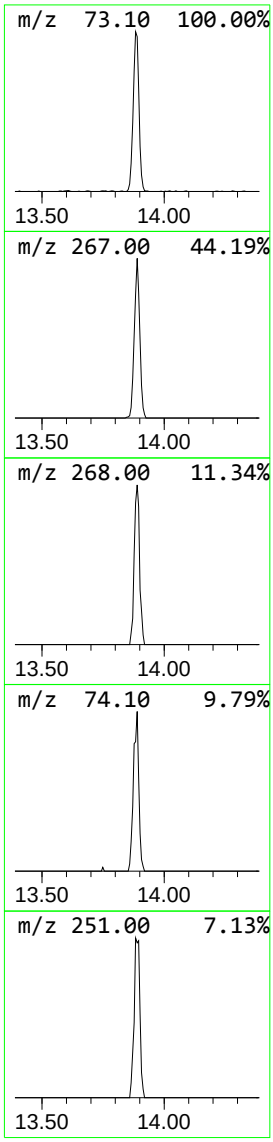
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 11H-Dibenzo[b,e][1,4]diazep... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.889	6.49 ug/l	109753	1,4-Dichlorobenzene-d4	13.347

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Dibenzo[b,e][1,4]diazepin-11...	267	C16H17N3O	013450-73-2	95
2	Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	64
3	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	64
4	5-(4-Fluorophenyl)-1,3-oxazole-2...	267	C12H14FNOSSi	1000497-07-6	64
5	9-Acridinol, trimethylsilyl ether	267	C16H17NOSi	1000463-65-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021442.D
Acq On : 06 Mar 2025 18:09
Operator : SY/MD
Sample : Q1463-05
Misc : 7.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
11H-Dibenzo[b,e...	13.889	6.5	ug/l	109753	4	13.347	845691	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021444.D
Acq On : 06 Mar 2025 18:56
Operator : SY/MD
Sample : Q1463-06
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T6

Quant Time: Mar 07 00:42:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	224114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	420682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	363546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	137758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	143059	60.394	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.780%			
35) Dibromofluoromethane	7.634	113	142620	51.577	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.160%			
50) Toluene-d8	10.109	98	439828	42.009	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 84.020%			
62) 4-Bromofluorobenzene	12.407	95	150442	42.242	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.480%			

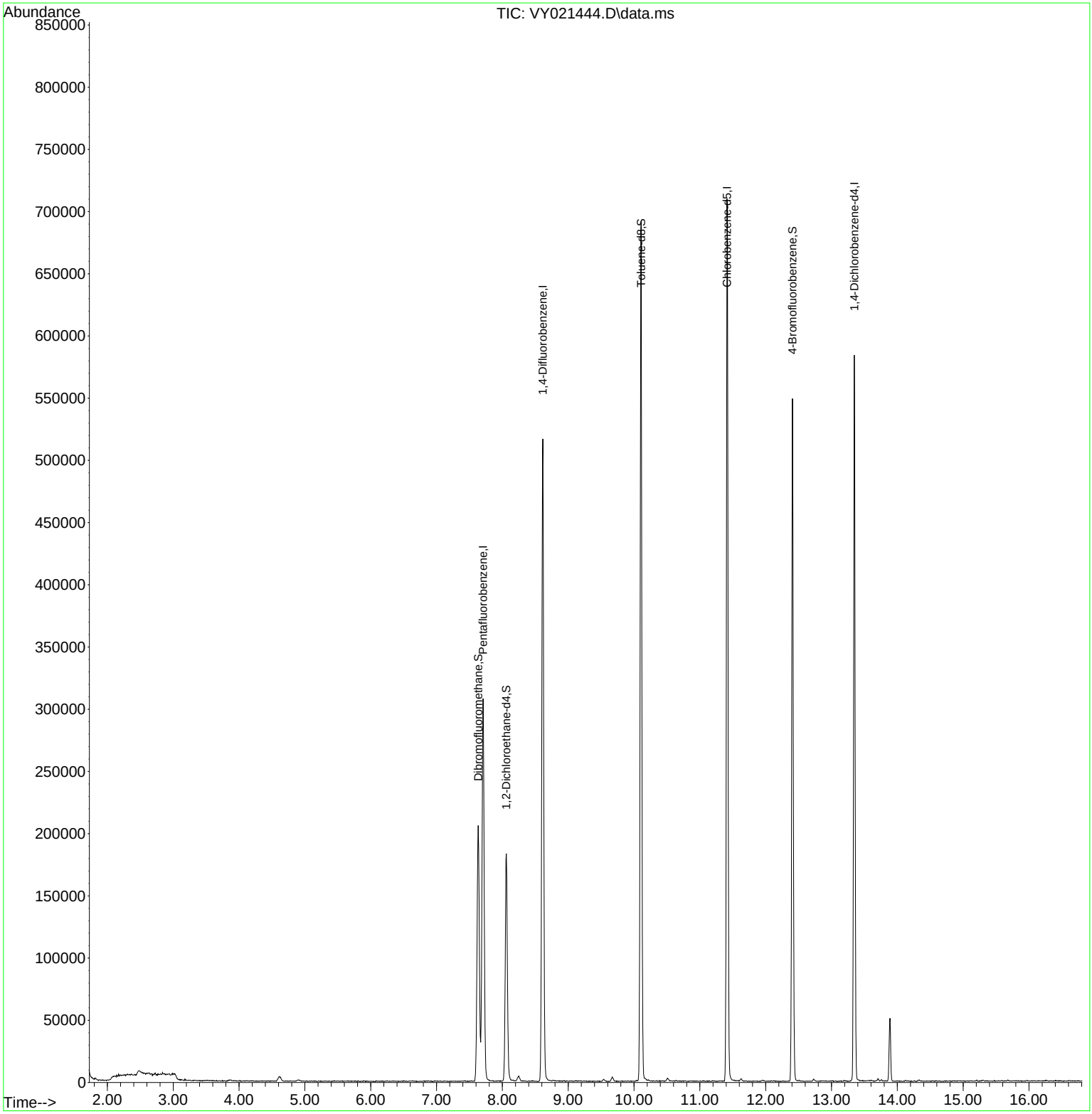
Target Compounds Qvalue

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

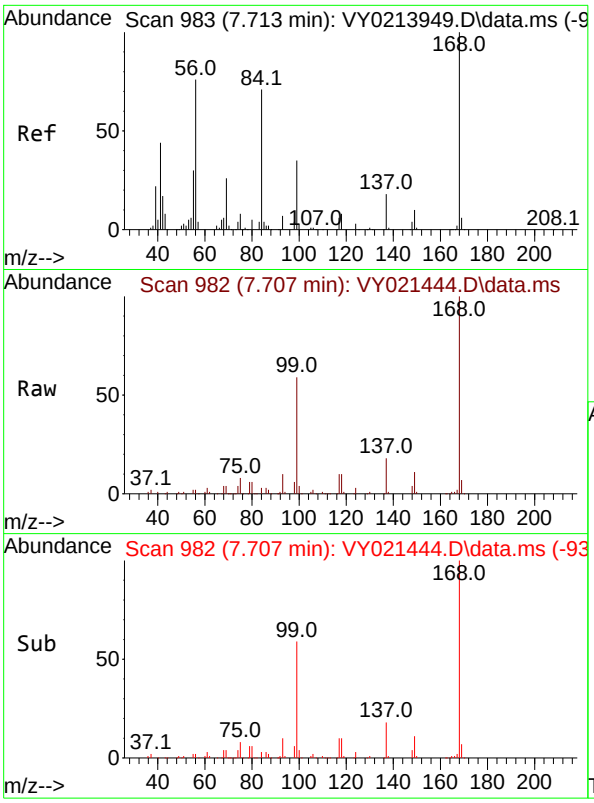
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021444.D
Acq On : 06 Mar 2025 18:56
Operator : SY/MD
Sample : Q1463-06
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T6

Quant Time: Mar 07 00:42:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



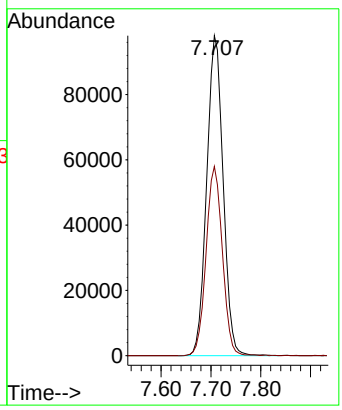
Instrument :
MSVOA_Y
ClientSampleId :
T6

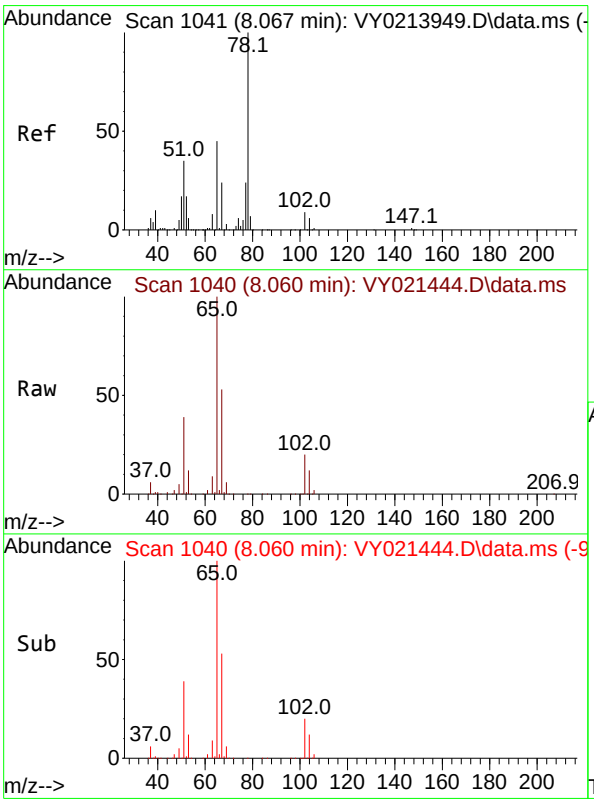


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion:168 Resp: 224114

Ion	Ratio	Lower	Upper
168	100		
99	59.2	46.0	69.0

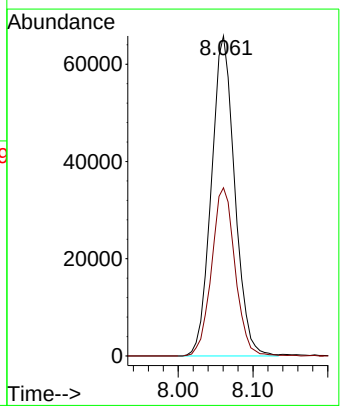




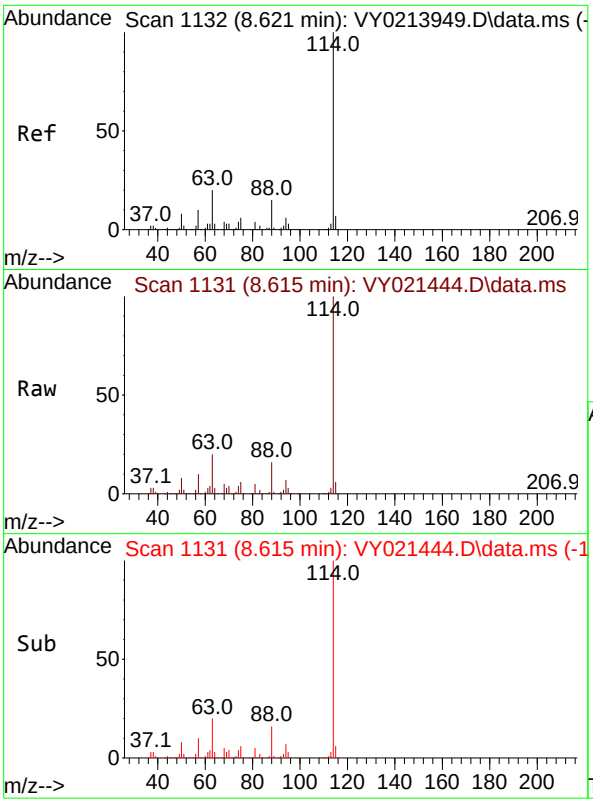
#33
1,2-Dichloroethane-d4
Concen: 60.394 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion: 65 Resp: 143059

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	102.8



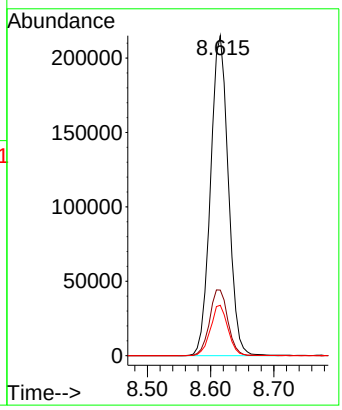
Instrument :
MSVOA_Y
ClientSampleId :
T6

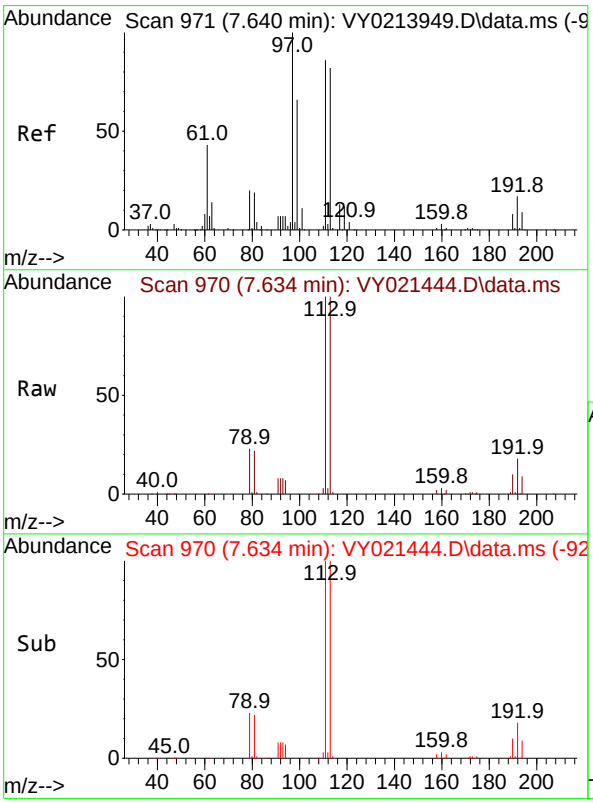


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion:114 Resp: 420682

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.7	0.0	30.8

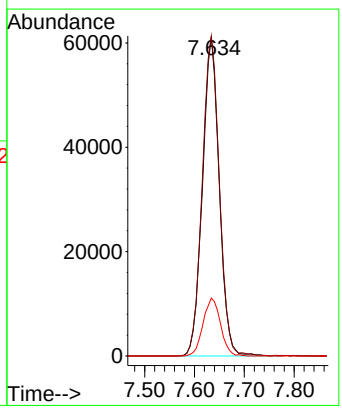


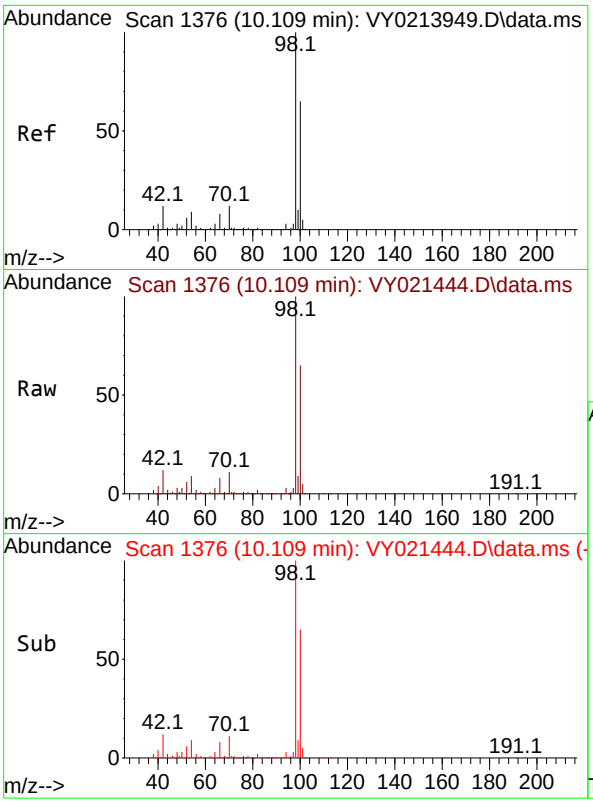


#35
Dibromofluoromethane
Concen: 51.577 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion:113 Resp: 142620

Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.0	123.0
192	18.8	15.9	23.9



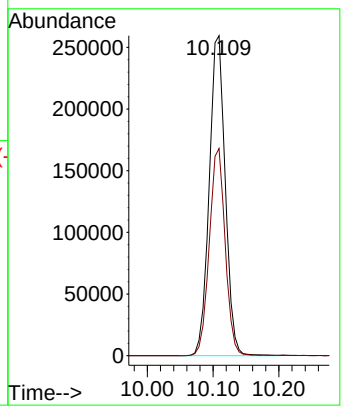


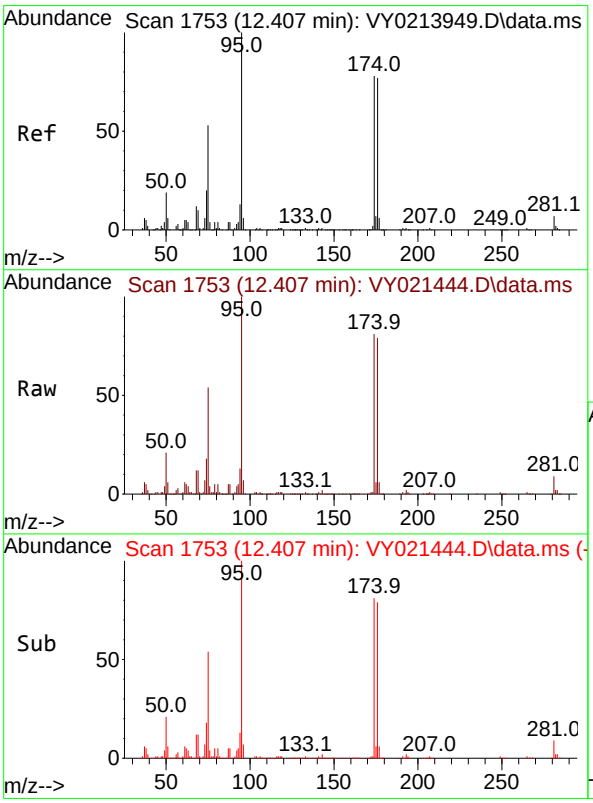
#50
Toluene-d8
Concen: 42.009 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Instrument :
MSVOA_Y
ClientSampleId :
T6

Tgt Ion: 98 Resp: 439828

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.1	78.1

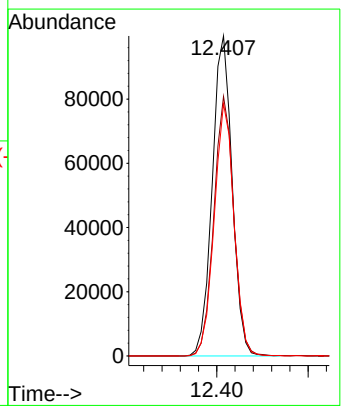


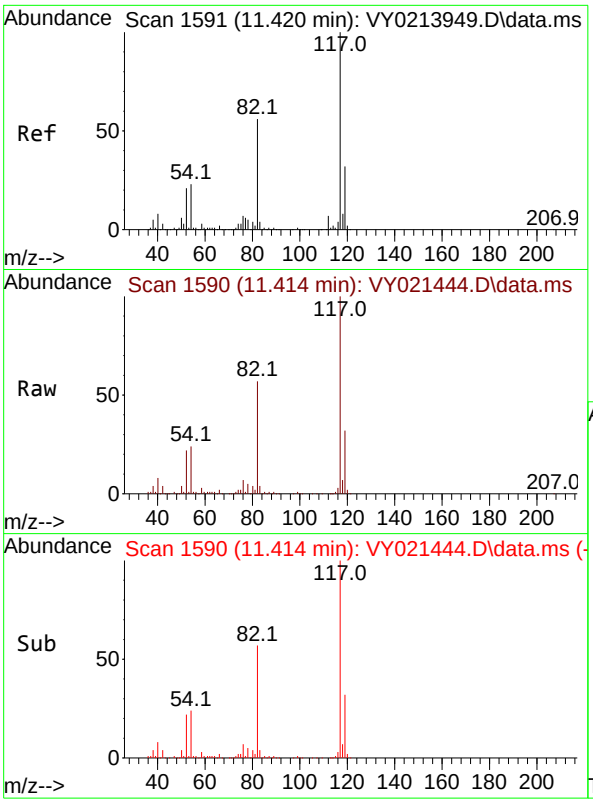


#62
4-Bromofluorobenzene
Concen: 42.242 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion: 95 Resp: 150442

Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	165.0
176	78.6	0.0	160.0



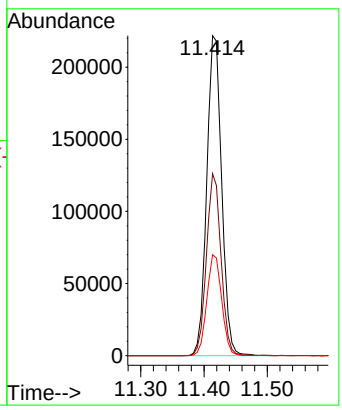


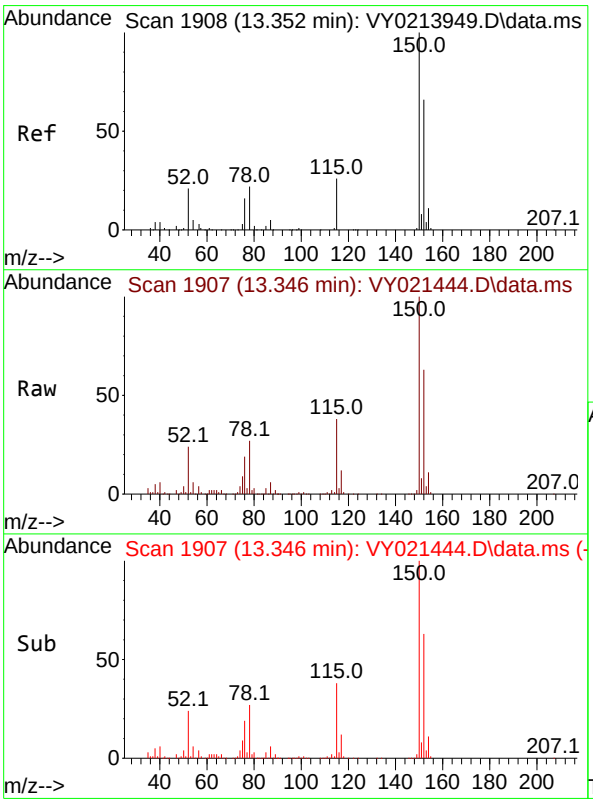
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Instrument :
MSVOA_Y
ClientSampleId :
T6

Tgt Ion:117 Resp: 363546

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	67.0
119	31.5	25.4	38.0

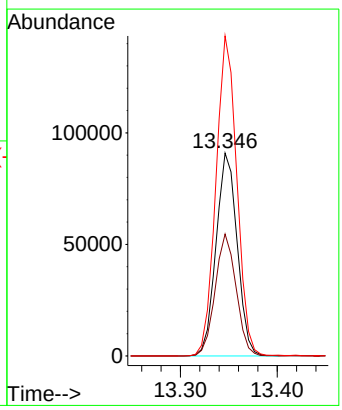




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021444.D
Acq: 06 Mar 2025 18:56

Tgt Ion:152 Resp: 137758

Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.0	87.0
150	156.4	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021444.D
Acq On : 06 Mar 2025 18:56
Operator : SY/MD
Sample : Q1463-06
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T6

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021444.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.616	467	475	485	rBV7	3885	11978	1.01%	0.175%
2	7.634	960	970	976	rBV	205581	493030	41.52%	7.223%
3	7.707	976	982	1000	rVB	307437	698954	58.86%	10.240%
4	8.061	1030	1040	1052	rBV	182822	406175	34.21%	5.951%
5	8.615	1120	1131	1146	rBV	516474	1021055	85.99%	14.959%
6	10.109	1366	1376	1384	rBV	690828	1187400	100.00%	17.396%
7	11.414	1583	1590	1602	rBV	709211	1160477	97.73%	17.002%
8	12.407	1745	1753	1765	rBV2	548708	882745	74.34%	12.933%
9	13.346	1897	1907	1917	rBV	583550	882864	74.35%	12.934%
10	13.889	1990	1996	2004	rVB2	50680	81003	6.82%	1.187%

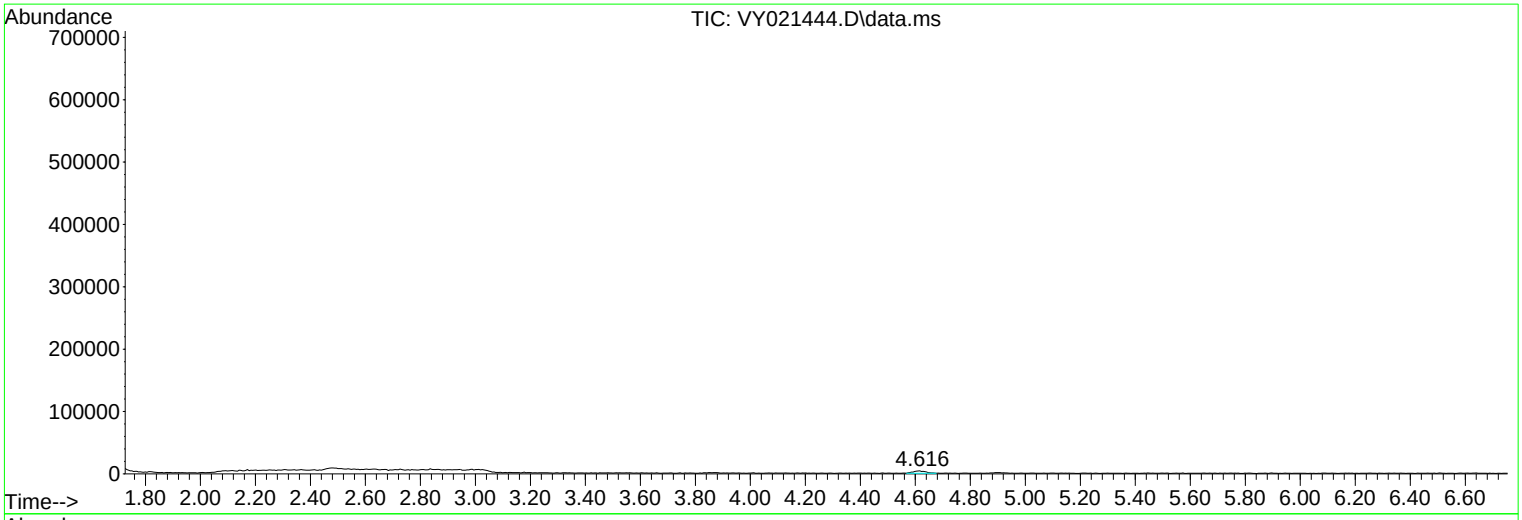
Sum of corrected areas: 6825681

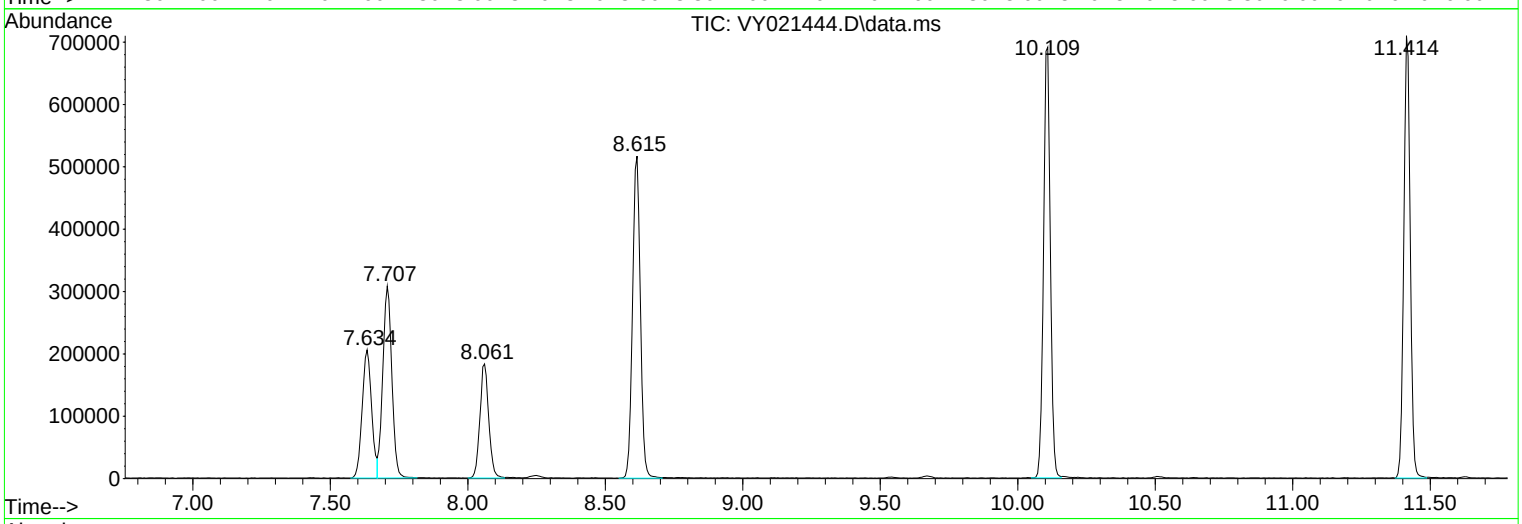
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021444.D
Acq On : 06 Mar 2025 18:56
Operator : SY/MD
Sample : Q1463-06
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

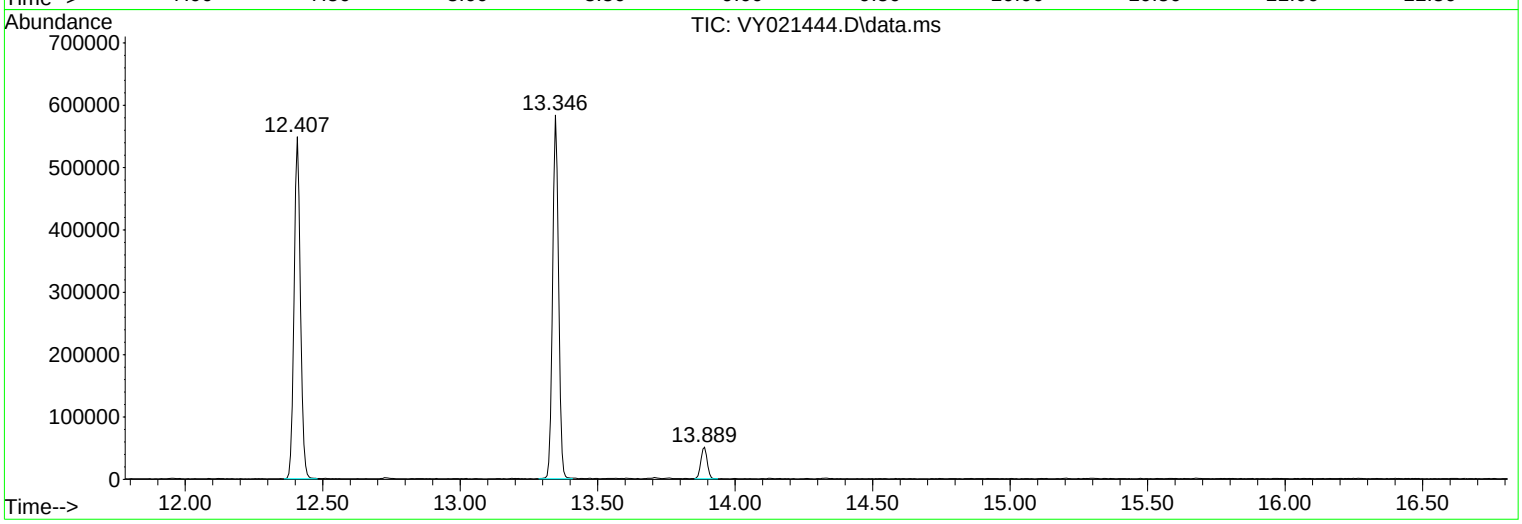
Instrument :
MSVOA_Y
ClientSampleId :
T6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021444.D
Acq On : 06 Mar 2025 18:56
Operator : SY/MD
Sample : Q1463-06
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021444.D
Acq On : 06 Mar 2025 18:56
Operator : SY/MD
Sample : Q1463-06
Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021445.D
Acq On : 06 Mar 2025 19:20
Operator : SY/MD
Sample : Q1463-07
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T7

Quant Time: Mar 07 00:42:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	227977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	432286	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	378072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	143977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	145770	60.496	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.000%			
35) Dibromofluoromethane	7.634	113	146121	51.424	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.840%			
50) Toluene-d8	10.109	98	470875	43.767	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 87.540%			
62) 4-Bromofluorobenzene	12.408	95	156881	42.867	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.740%			

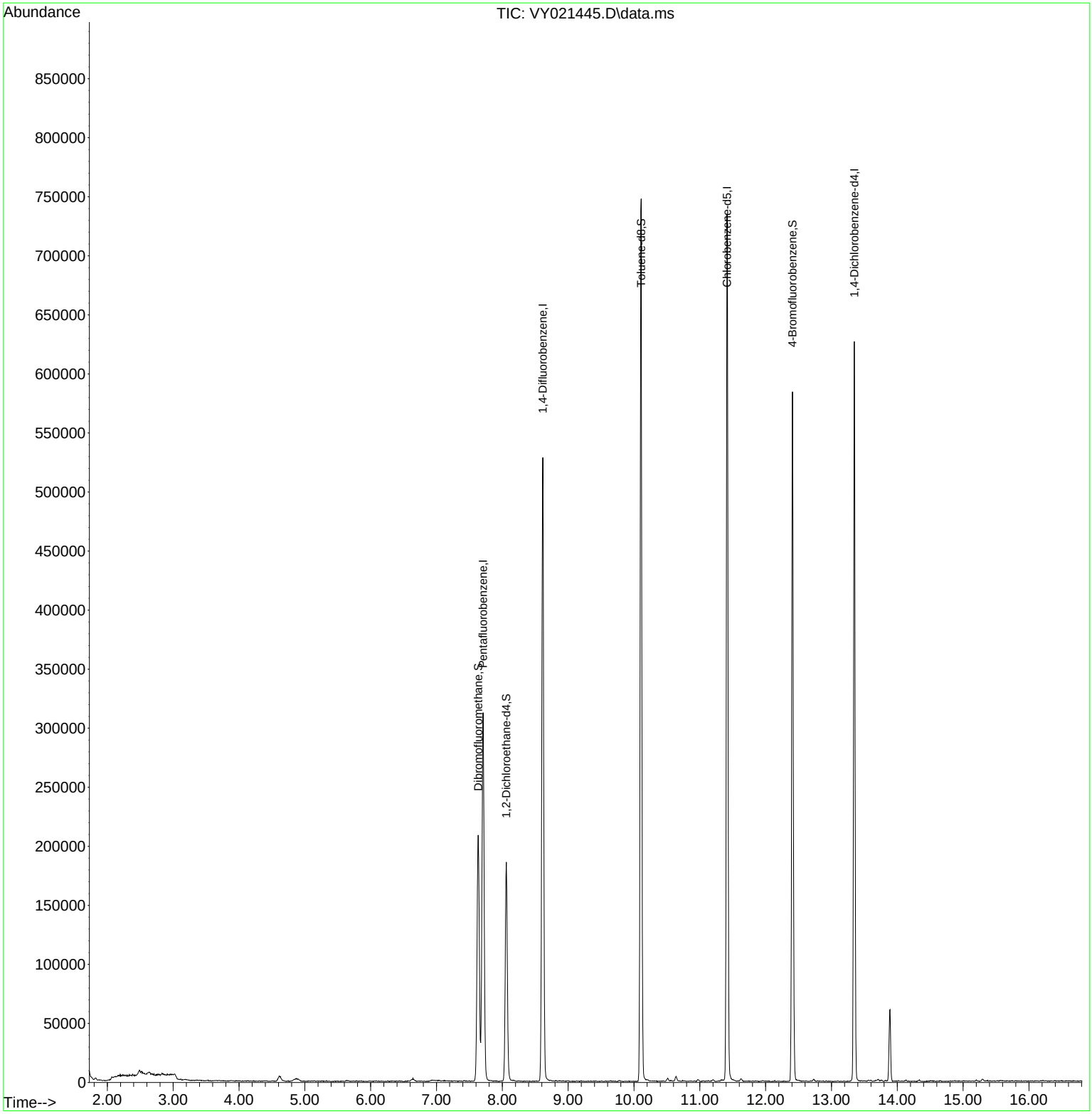
Target Compounds Qvalue

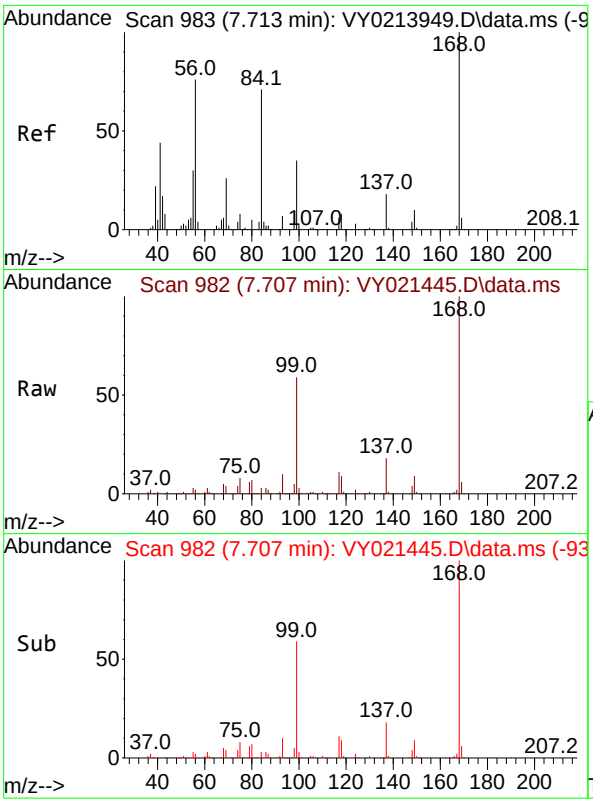
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021445.D
Acq On : 06 Mar 2025 19:20
Operator : SY/MD
Sample : Q1463-07
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T7

Quant Time: Mar 07 00:42:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



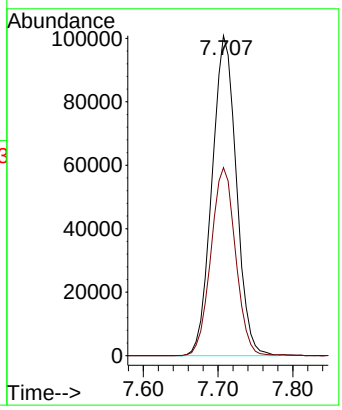


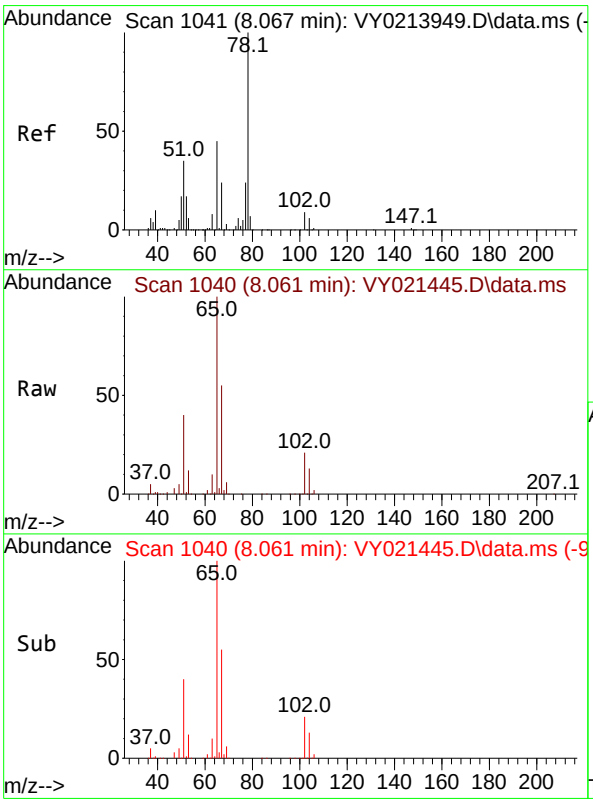
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :
T7

Tgt Ion:168 Resp: 227977

Ion	Ratio	Lower	Upper
168	100		
99	58.7	46.0	69.0

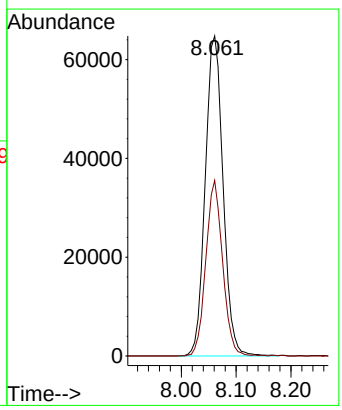


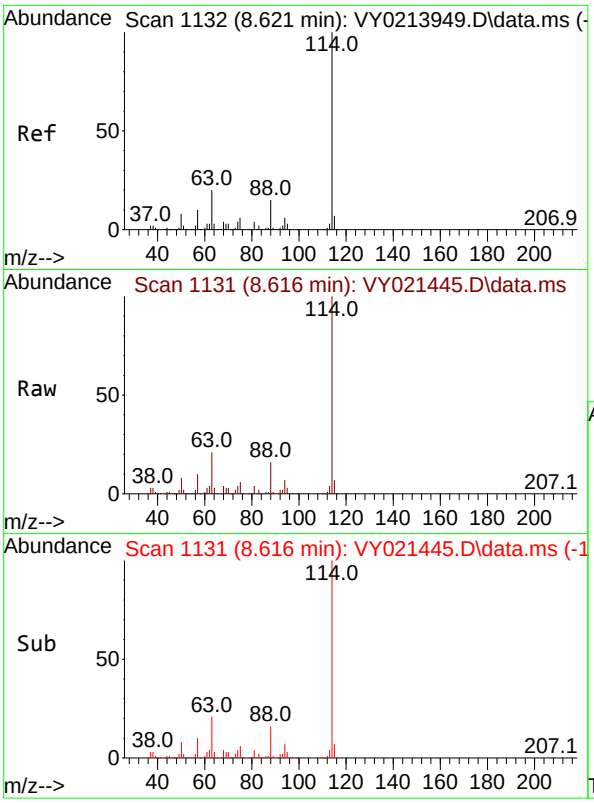


#33
1,2-Dichloroethane-d4
Concen: 60.496 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Tgt Ion: 65 Resp: 145770

Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.8



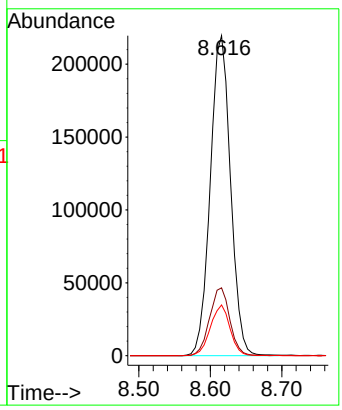


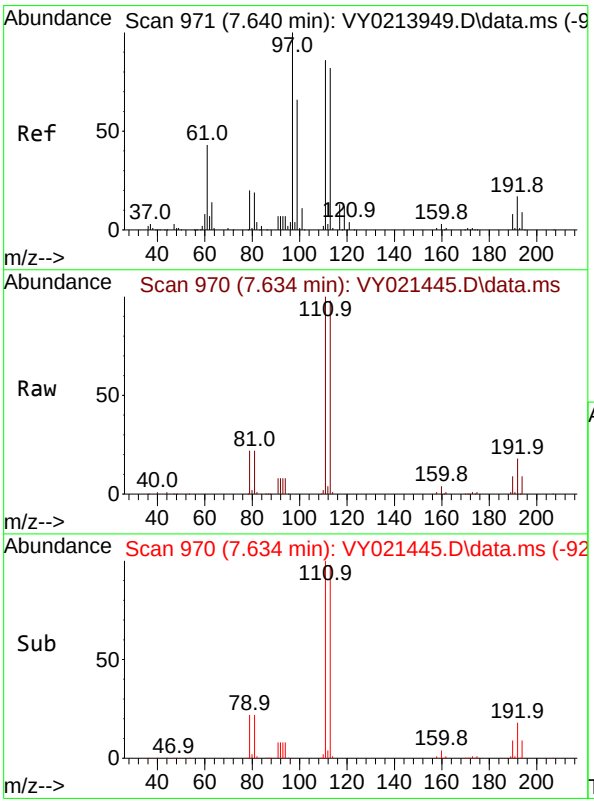
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :
T7

Tgt Ion:114 Resp: 432286

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.8
88	15.9	0.0	30.8

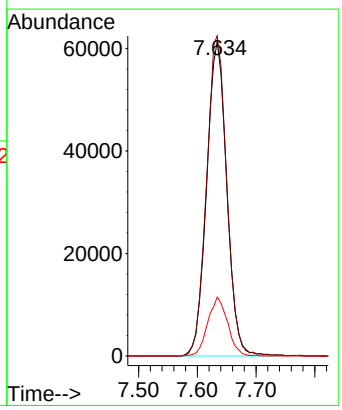


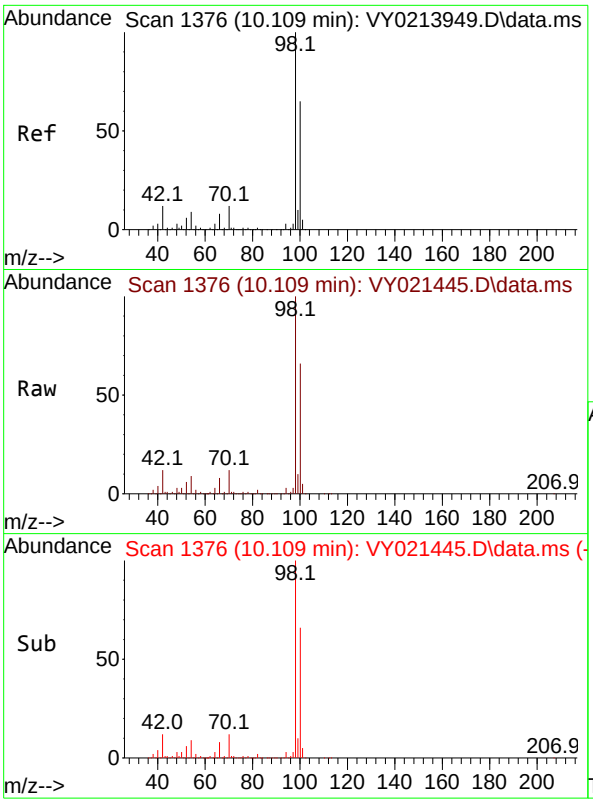


#35
Dibromofluoromethane
Concen: 51.424 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Tgt Ion:113 Resp: 146121

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.0	123.0
192	18.4	15.9	23.9



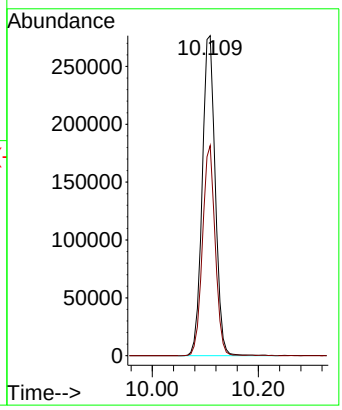


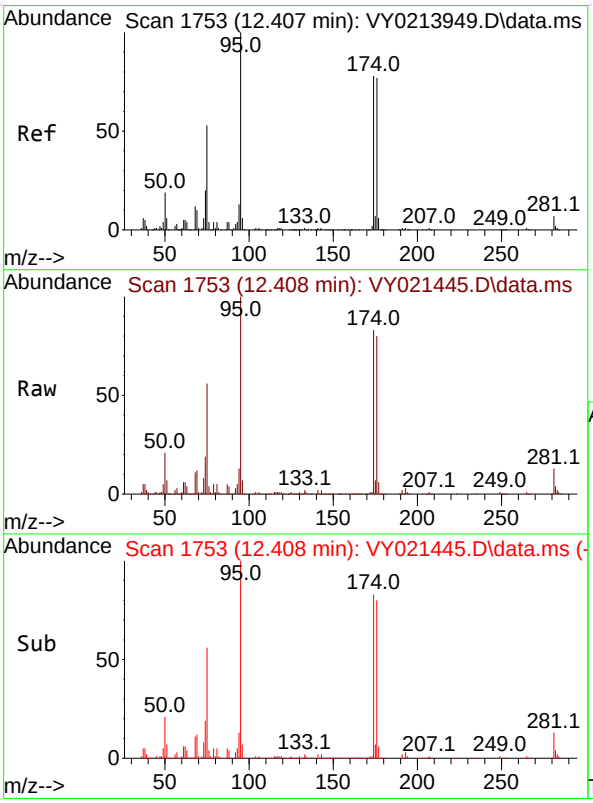
#50
Toluene-d8
Concen: 43.767 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :
T7

Tgt Ion: 98 Resp: 470875

Ion	Ratio	Lower	Upper
98	100		
100	63.9	52.1	78.1

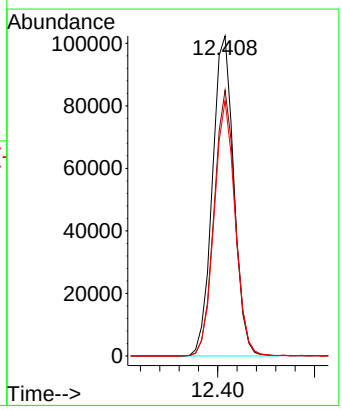


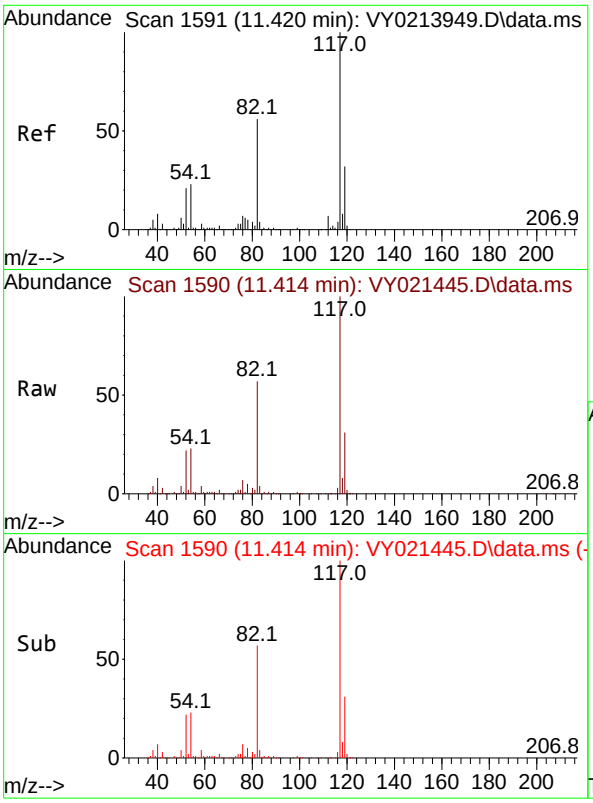


#62
4-Bromofluorobenzene
Concen: 42.867 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Tgt Ion: 95 Resp: 156881

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	165.0
176	78.5	0.0	160.0



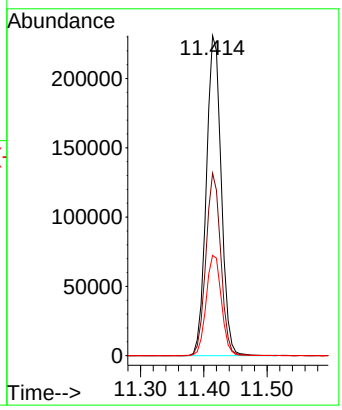


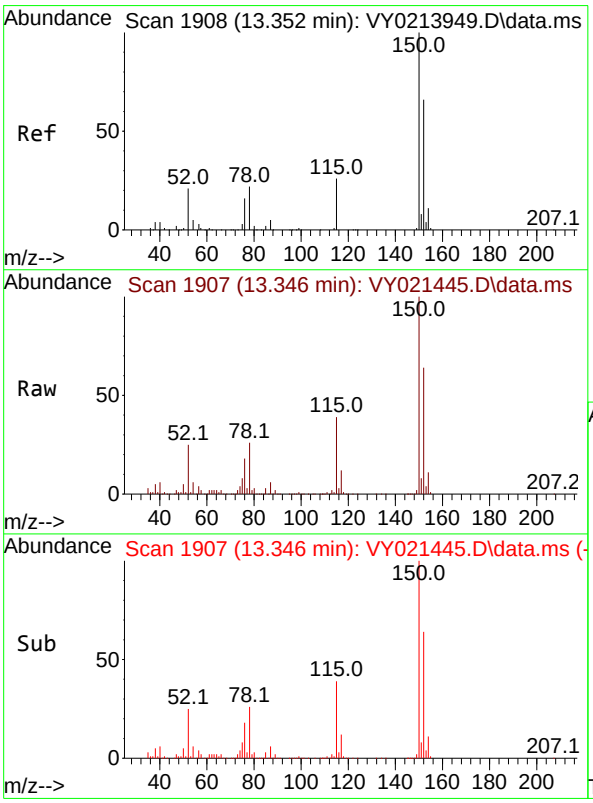
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Instrument :
MSVOA_Y
ClientSampleId :
T7

Tgt Ion:117 Resp: 378072

Ion	Ratio	Lower	Upper
117	100		
82	57.1	44.6	67.0
119	31.3	25.4	38.0

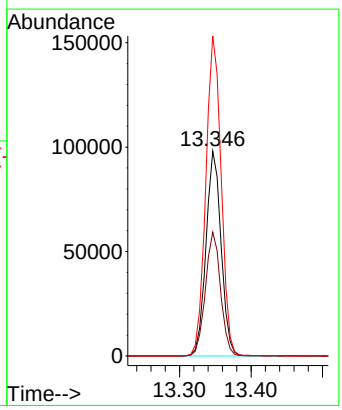




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021445.D
Acq: 06 Mar 2025 19:20

Tgt Ion:152 Resp: 143977

Ion	Ratio	Lower	Upper
152	100		
115	60.6	29.0	87.0
150	158.5	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021445.D
Acq On : 06 Mar 2025 19:20
Operator : SY/MD
Sample : Q1463-07
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T7

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021445.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	957	970	976	rBV	208479	501986	39.18%	7.023%
2	7.707	976	982	997	rVB	311794	709515	55.38%	9.927%
3	8.061	1029	1040	1052	rBV	185623	408784	31.91%	5.719%
4	8.616	1120	1131	1145	rBV	528163	1042854	81.40%	14.590%
5	10.109	1368	1376	1387	rBV	747224	1281137	100.00%	17.924%
6	11.414	1581	1590	1603	rBV	733640	1210493	94.49%	16.936%
7	12.408	1744	1753	1764	rBV2	583906	962288	75.11%	13.463%
8	13.346	1895	1907	1920	rBV	626559	929709	72.57%	13.007%
9	13.889	1990	1996	2002	rVB2	60698	100860	7.87%	1.411%

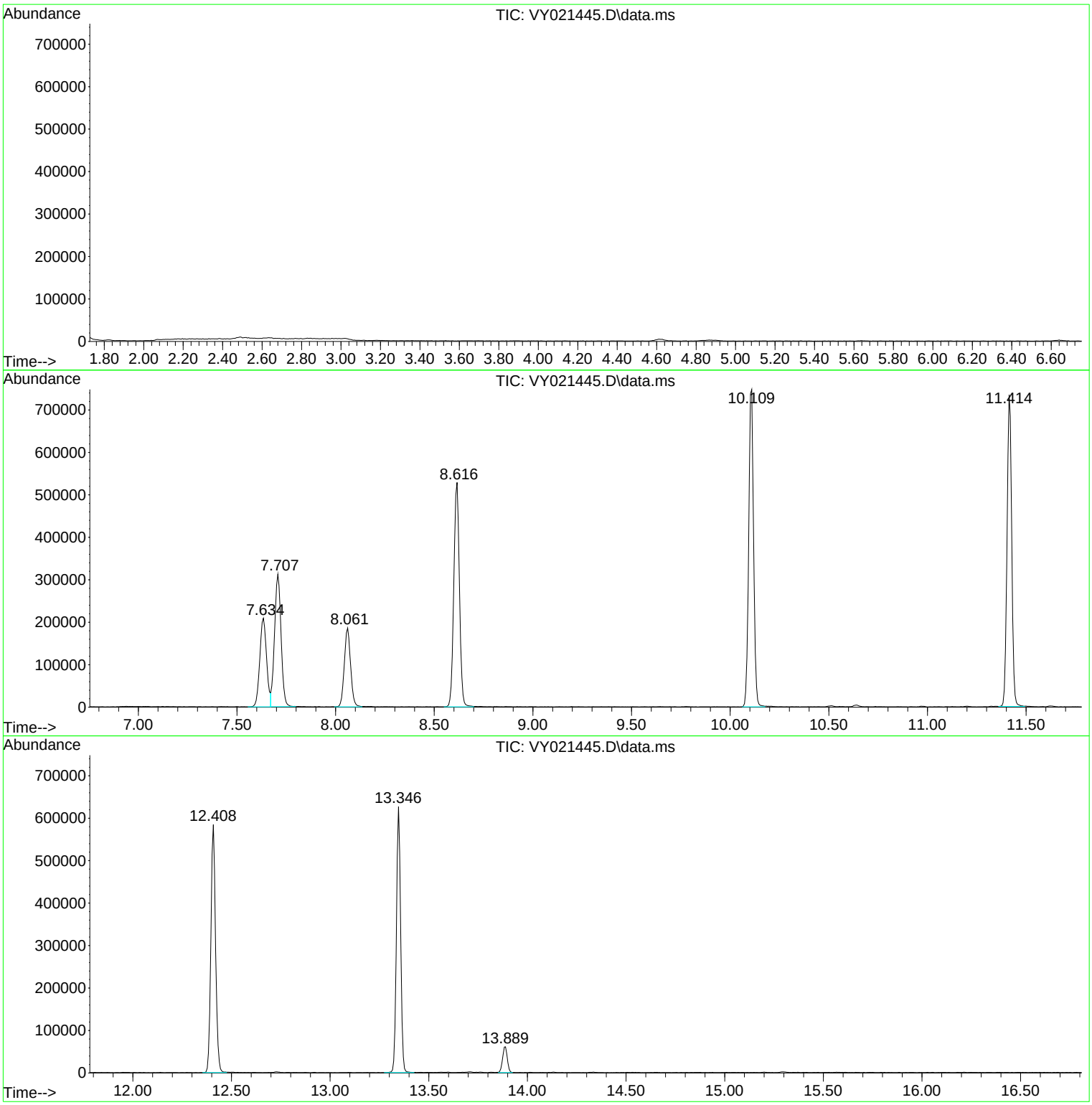
Sum of corrected areas: 7147626

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021445.D
Acq On : 06 Mar 2025 19:20
Operator : SY/MD
Sample : Q1463-07
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021445.D
Acq On : 06 Mar 2025 19:20
Operator : SY/MD
Sample : Q1463-07
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021445.D
Acq On : 06 Mar 2025 19:20
Operator : SY/MD
Sample : Q1463-07
Misc : 6.15g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T7

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021446.D
Acq On : 06 Mar 2025 19:43
Operator : SY/MD
Sample : Q1463-08
Misc : 6.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T8

Quant Time: Mar 07 00:42:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

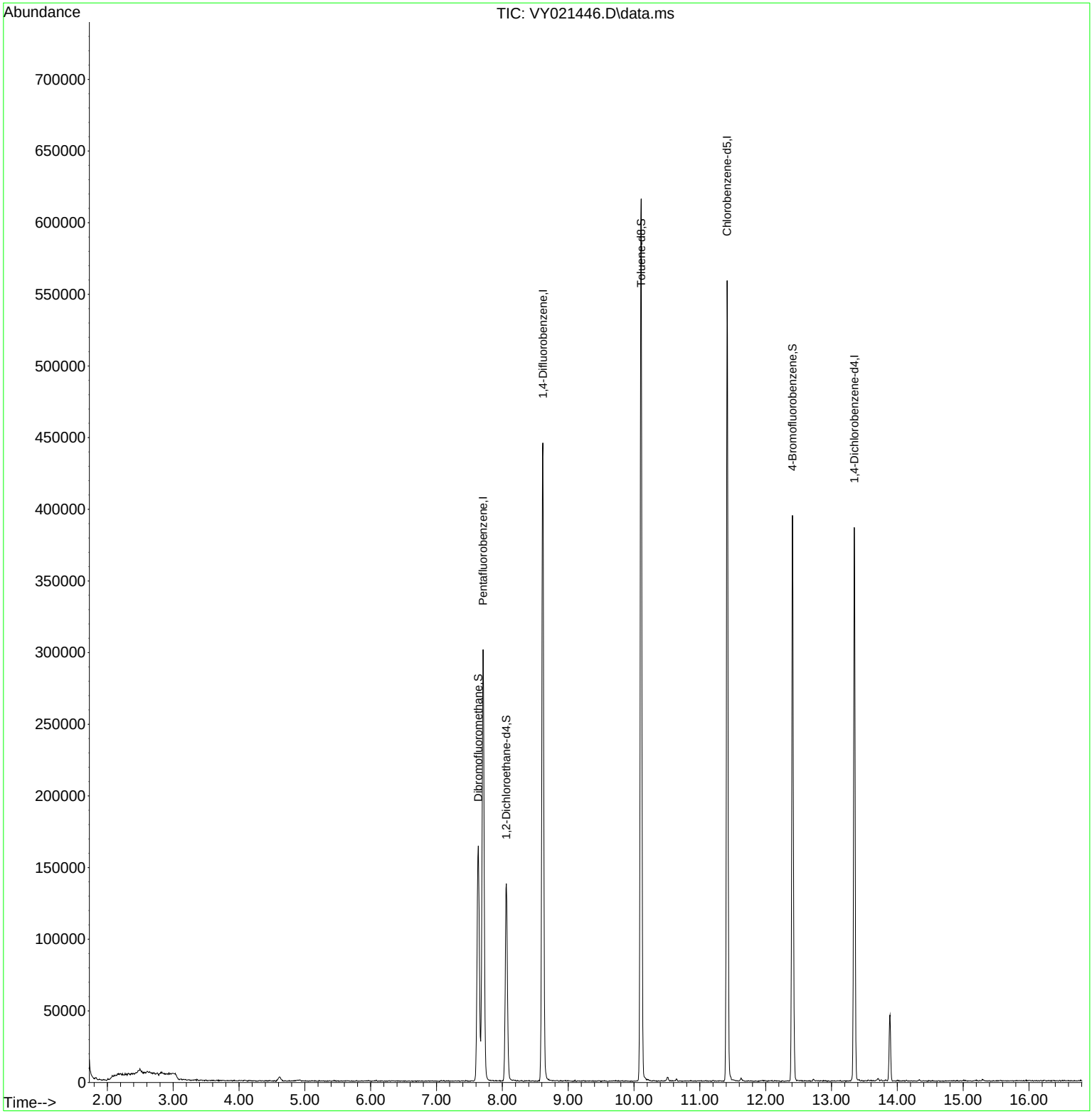
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	214937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	365717	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	278068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	93699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110772	48.761	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.520%		
35) Dibromofluoromethane	7.634	113	116073	48.285	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.580%		
50) Toluene-d8	10.109	98	385363	42.338	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	84.680%		
62) 4-Bromofluorobenzene	12.407	95	107342	34.670	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	69.340%		
Target Compounds						Qvalue

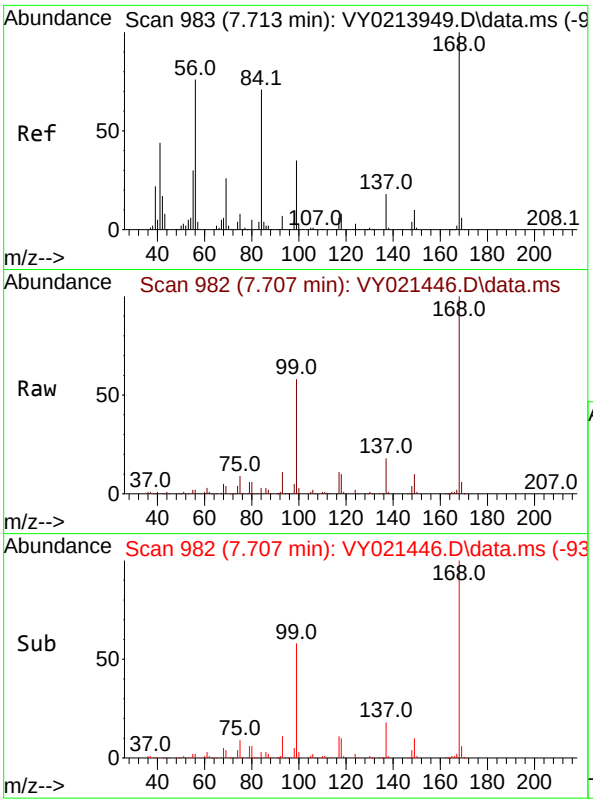
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021446.D
Acq On : 06 Mar 2025 19:43
Operator : SY/MD
Sample : Q1463-08
Misc : 6.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T8

Quant Time: Mar 07 00:42:54 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



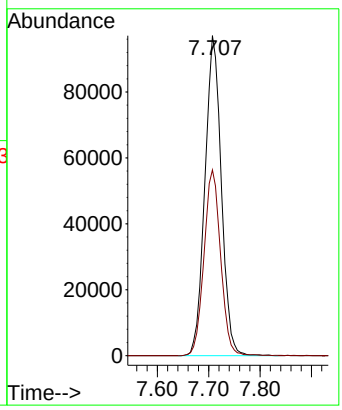


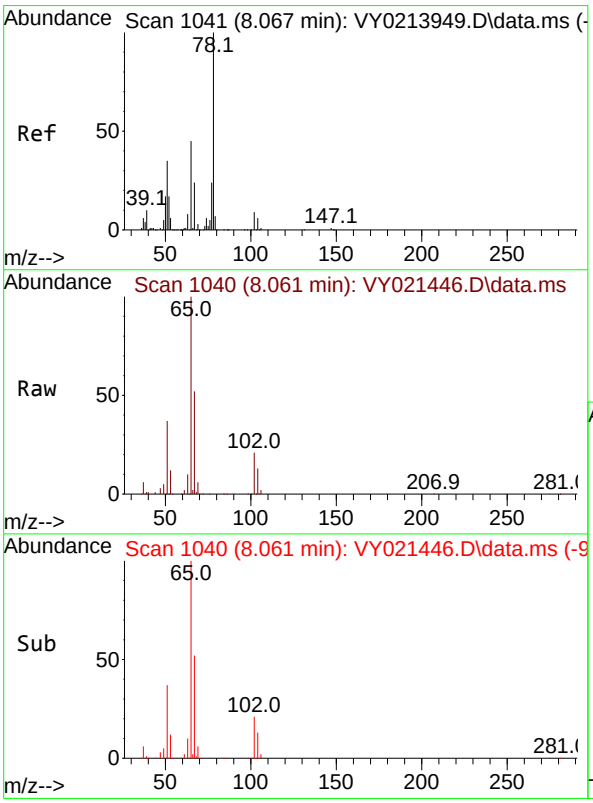
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021446.D
Acq: 06 Mar 2025 19:43

Instrument :
MSVOA_Y
ClientSampleId :
T8

Tgt Ion:168 Resp: 214937

Ion	Ratio	Lower	Upper
168	100		
99	58.1	46.0	69.0

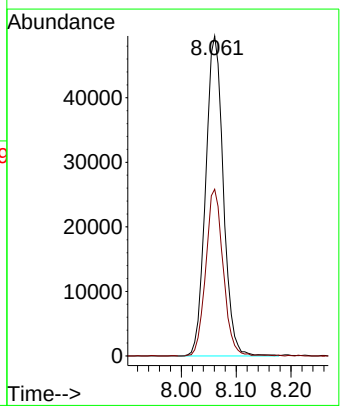


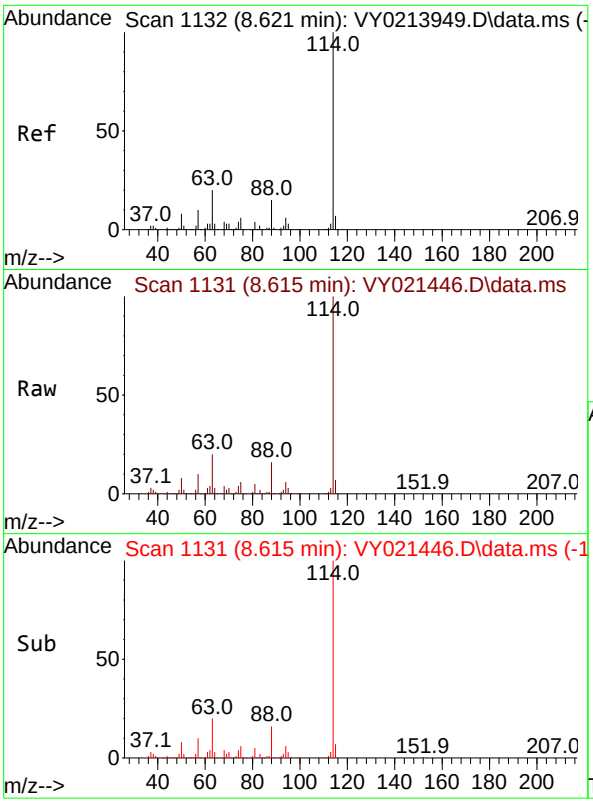


#33
1,2-Dichloroethane-d4
Concen: 48.761 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021446.D
Acq: 06 Mar 2025 19:43

Tgt Ion: 65 Resp: 110772

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.8



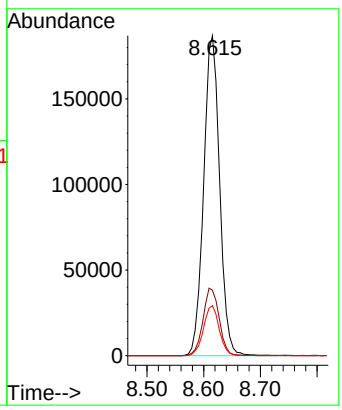


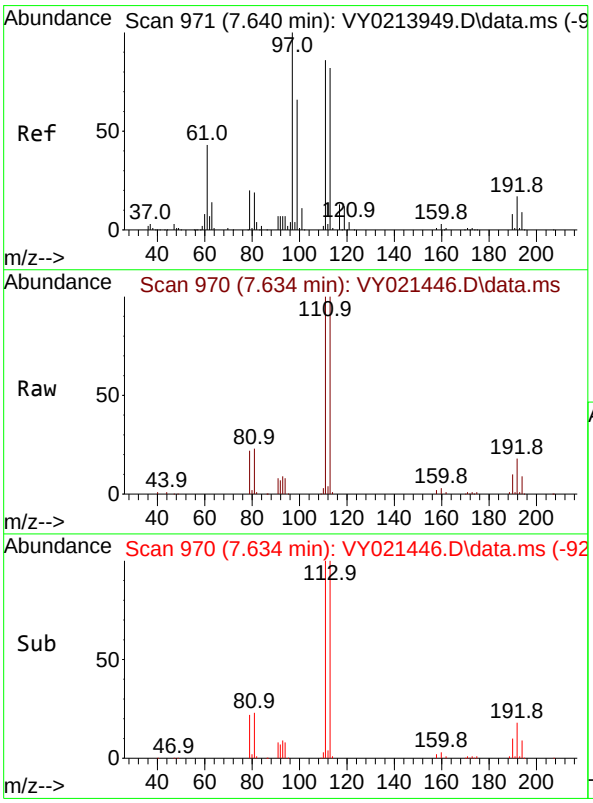
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021446.D
Acq: 06 Mar 2025 19:43

Instrument :
MSVOA_Y
ClientSampleId :
T8

Tgt Ion:114 Resp: 365717

Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.6	0.0	30.8

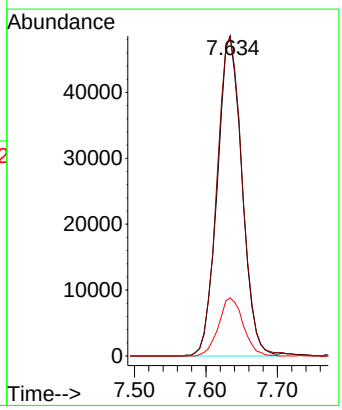


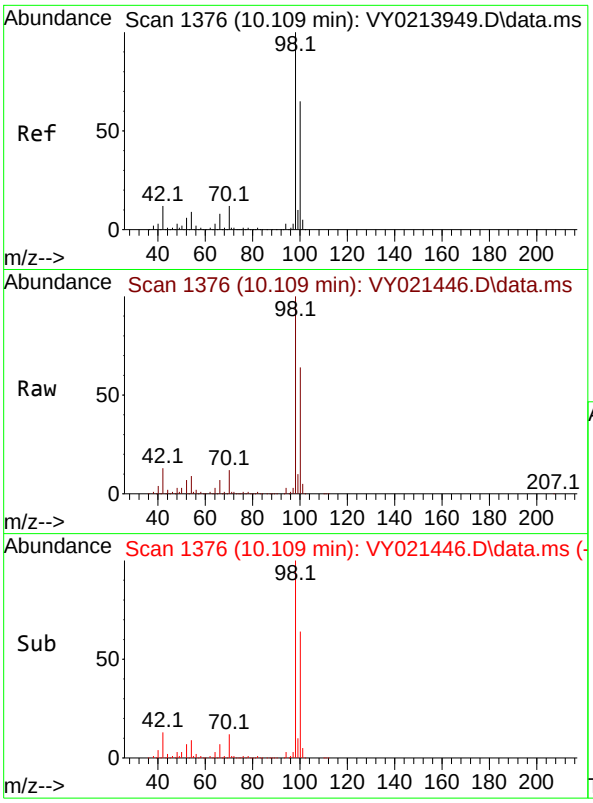


#35
Dibromofluoromethane
Concen: 48.285 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021446.D
Acq: 06 Mar 2025 19:43

Tgt Ion:113 Resp: 116073

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	18.2	15.9	23.9



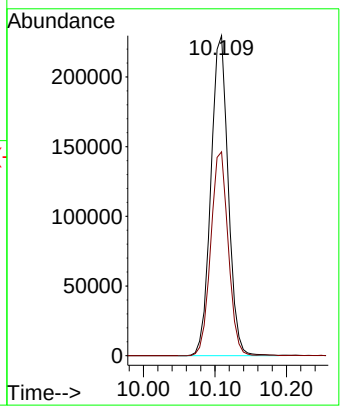


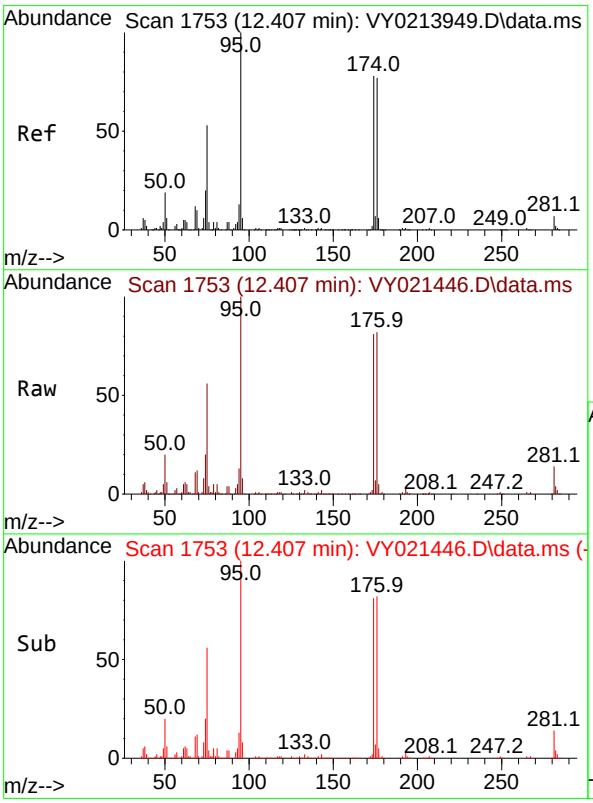
#50
Toluene-d8
Concen: 42.338 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021446.D
Acq: 06 Mar 2025 19:43

Instrument :
MSVOA_Y
ClientSampleId :
T8

Tgt Ion: 98 Resp: 385363

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.1	78.1

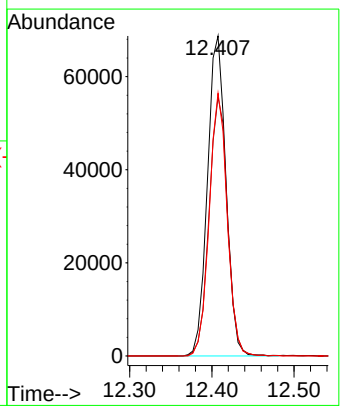


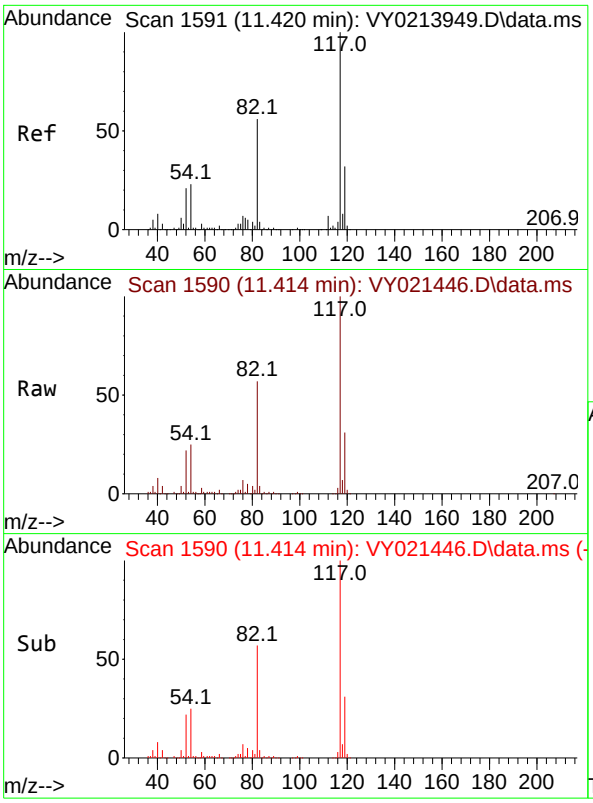


#62
4-Bromofluorobenzene
Concen: 34.670 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021446.D
Acq: 06 Mar 2025 19:43

Tgt Ion: 95 Resp: 107342

Ion	Ratio	Lower	Upper
95	100		
174	80.9	0.0	165.0
176	79.5	0.0	160.0



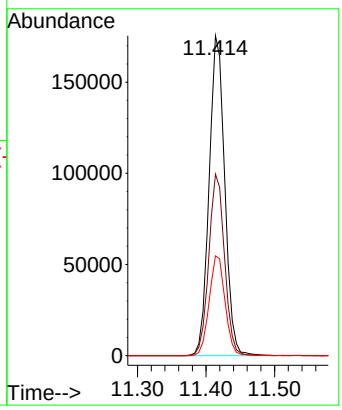


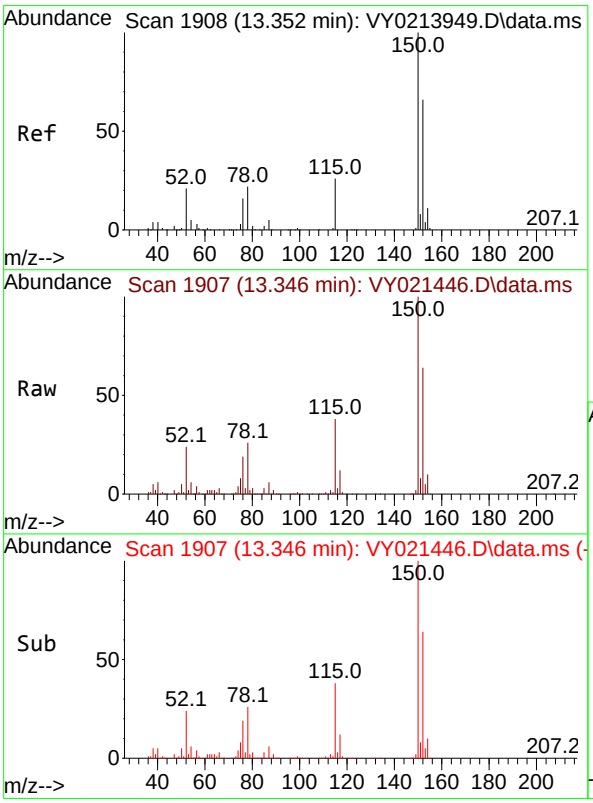
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021446.D
Acq: 06 Mar 2025 19:43

Instrument :
MSVOA_Y
ClientSampleId :
T8

Tgt Ion:117 Resp: 278068

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	67.0
119	31.2	25.4	38.0

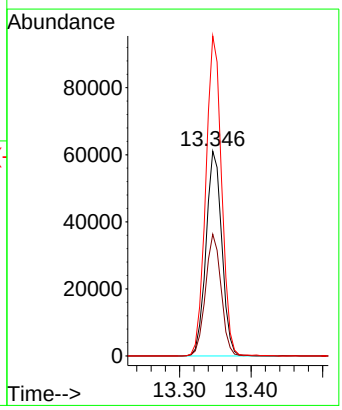




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021446.D
Acq: 06 Mar 2025 19:43

Tgt Ion:152 Resp: 93699

Ion	Ratio	Lower	Upper
152	100		
115	58.6	29.0	87.0
150	156.0	0.0	347.2



Sample Results: **VY021446.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021446.D
Acq On : 06 Mar 2025 19:43
Operator : SY/MD
Sample : Q1463-08
Misc : 6.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T8

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021446.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	958	970	976	rBV	164224	399233	37.95%	7.192%
2	7.707	976	982	997	rVB	300794	667543	63.45%	12.026%
3	8.061	1030	1040	1055	rBV	137835	312275	29.68%	5.626%
4	8.615	1122	1131	1145	rBV	445285	884871	84.10%	15.941%
5	10.109	1367	1376	1389	rBV	615563	1052111	100.00%	18.954%
6	11.414	1582	1590	1601	rBV	558788	898705	85.42%	16.190%
7	12.407	1745	1753	1763	rBV2	394857	667108	63.41%	12.018%
8	13.346	1898	1907	1916	rBV	386281	594056	56.46%	10.702%
9	13.889	1989	1996	2002	rVB2	46101	74983	7.13%	1.351%

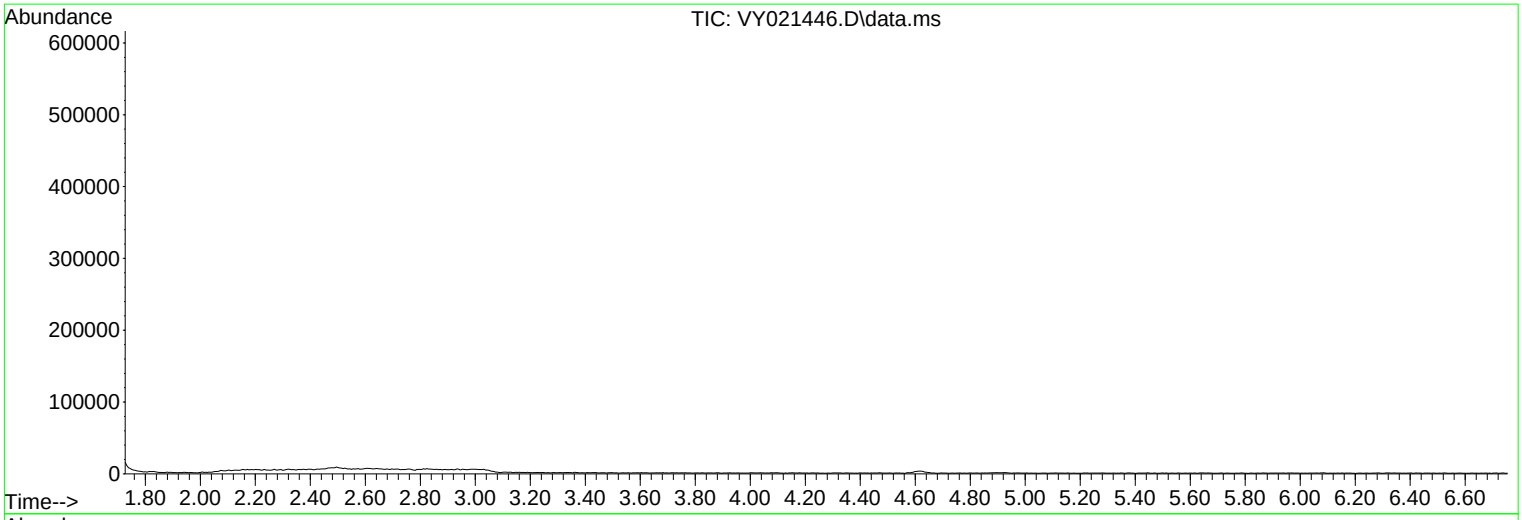
Sum of corrected areas: 5550885

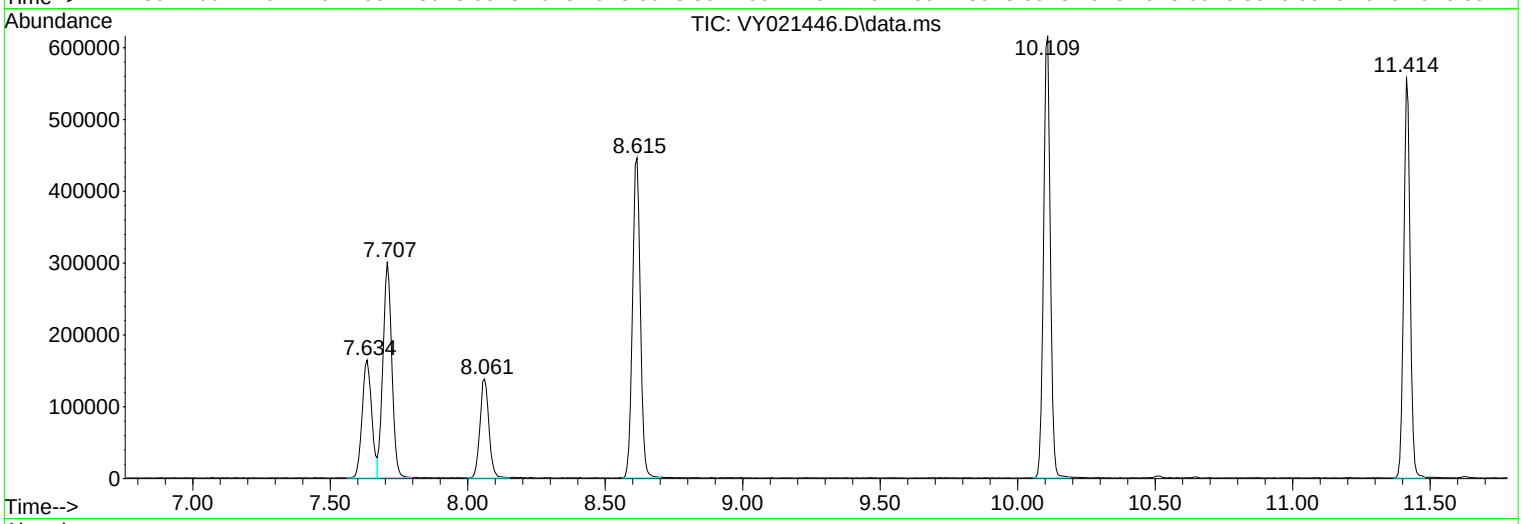
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021446.D
Acq On : 06 Mar 2025 19:43
Operator : SY/MD
Sample : Q1463-08
Misc : 6.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

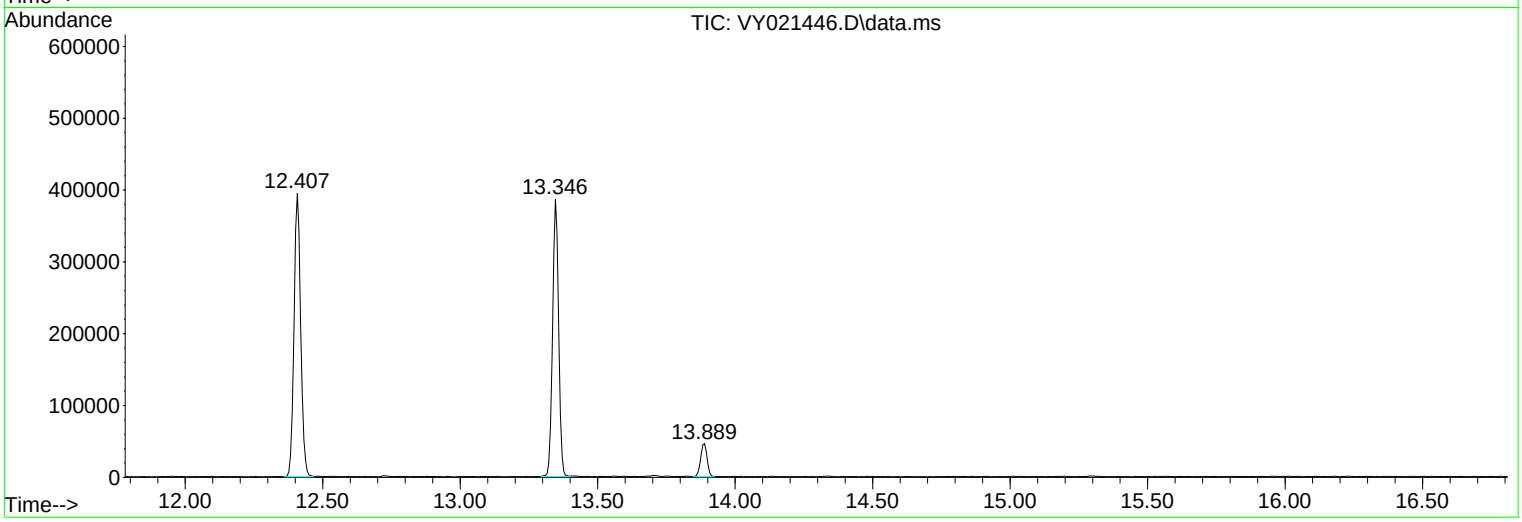
Instrument :
MSVOA_Y
ClientSampleId :
T8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021446.D
Acq On : 06 Mar 2025 19:43
Operator : SY/MD
Sample : Q1463-08
Misc : 6.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021446.D
Acq On : 06 Mar 2025 19:43
Operator : SY/MD
Sample : Q1463-08
Misc : 6.85g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T8

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021447.D
Acq On : 06 Mar 2025 20:06
Operator : SY/MD
Sample : Q1463-09
Misc : 6.48g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T9

Quant Time: Mar 07 00:43:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	211507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	387107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	337914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	129134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	136932	61.253	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.500%			
35) Dibromofluoromethane	7.634	113	130951	51.464	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.920%			
50) Toluene-d8	10.103	98	457447	47.481	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.960%			
62) 4-Bromofluorobenzene	12.408	95	137652	42.003	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 84.000%			

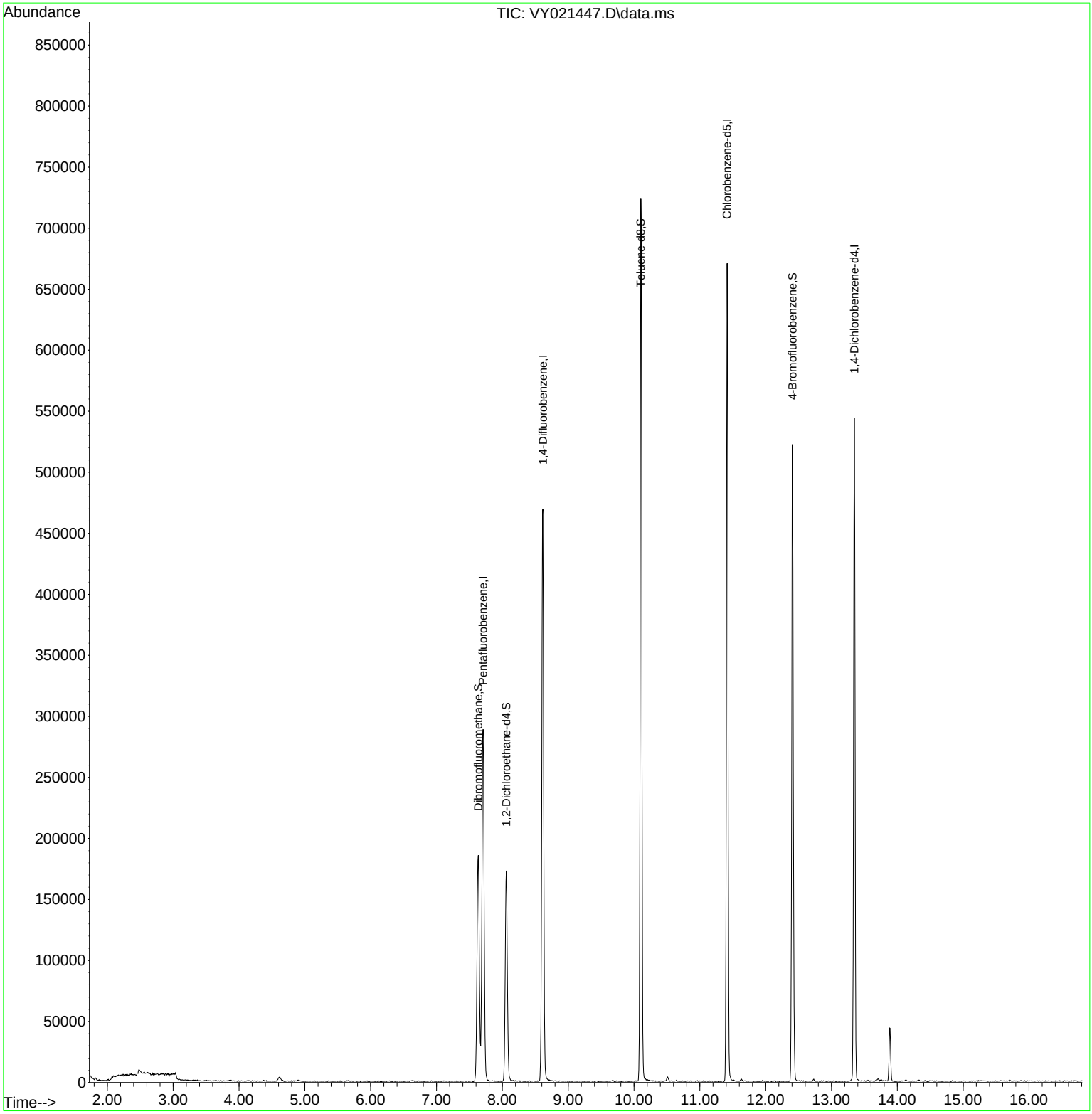
Target Compounds Qvalue

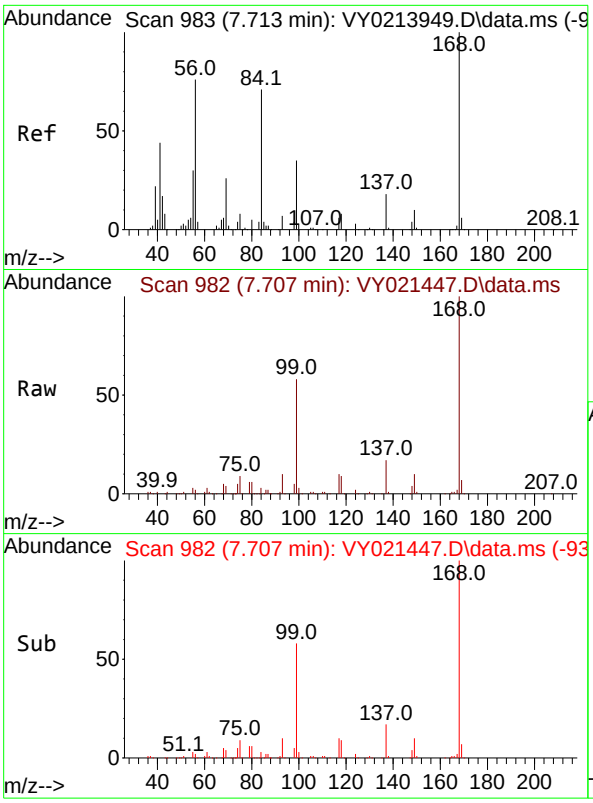
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021447.D
Acq On : 06 Mar 2025 20:06
Operator : SY/MD
Sample : Q1463-09
Misc : 6.48g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T9

Quant Time: Mar 07 00:43:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



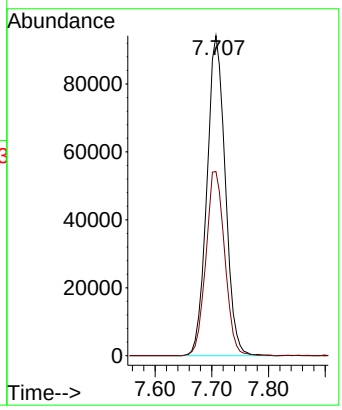


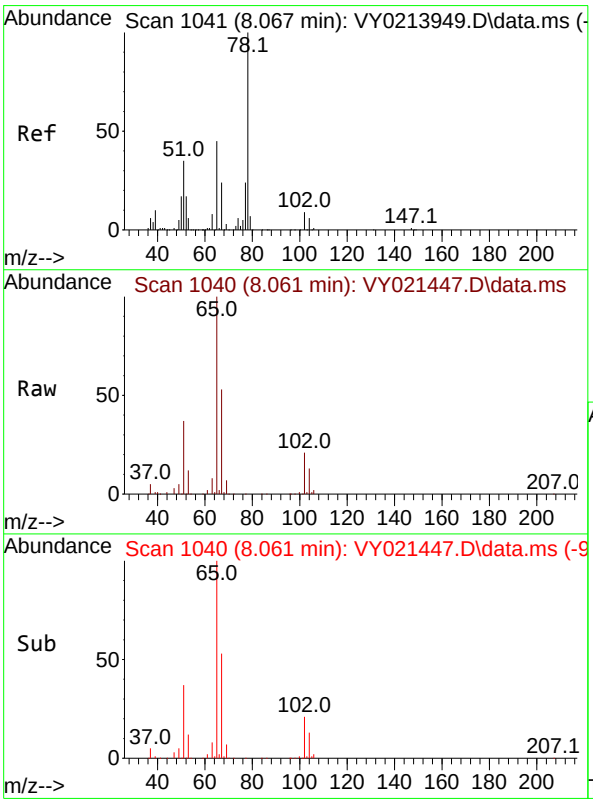
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021447.D
Acq: 06 Mar 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
T9

Tgt Ion:168 Resp: 211507

Ion	Ratio	Lower	Upper
168	100		
99	57.5	46.0	69.0

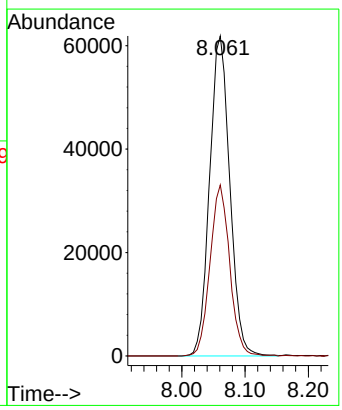


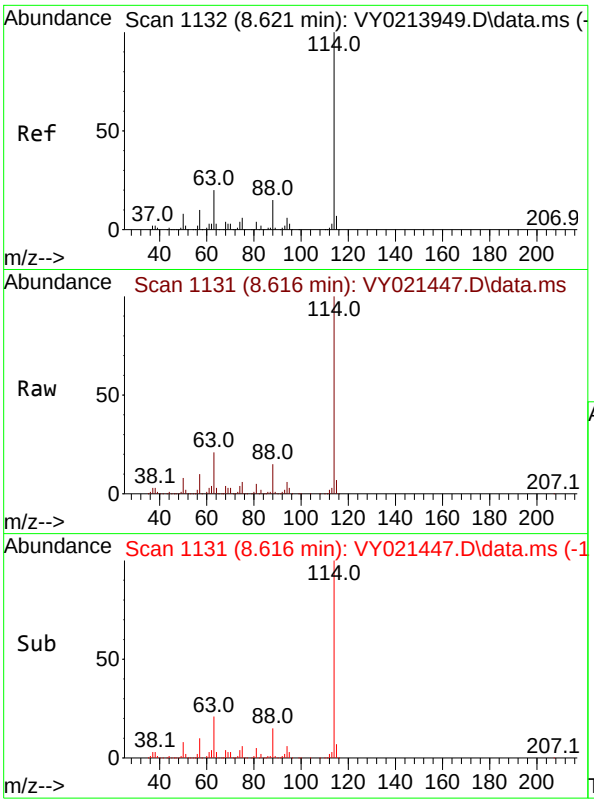


#33
1,2-Dichloroethane-d4
Concen: 61.253 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021447.D
Acq: 06 Mar 2025 20:06

Tgt Ion: 65 Resp: 136932

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	102.8



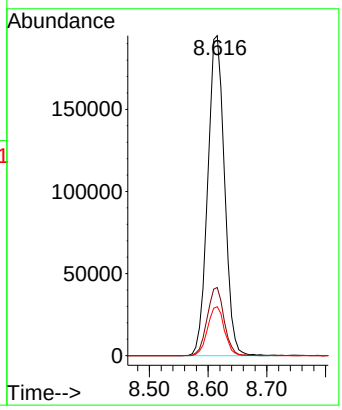


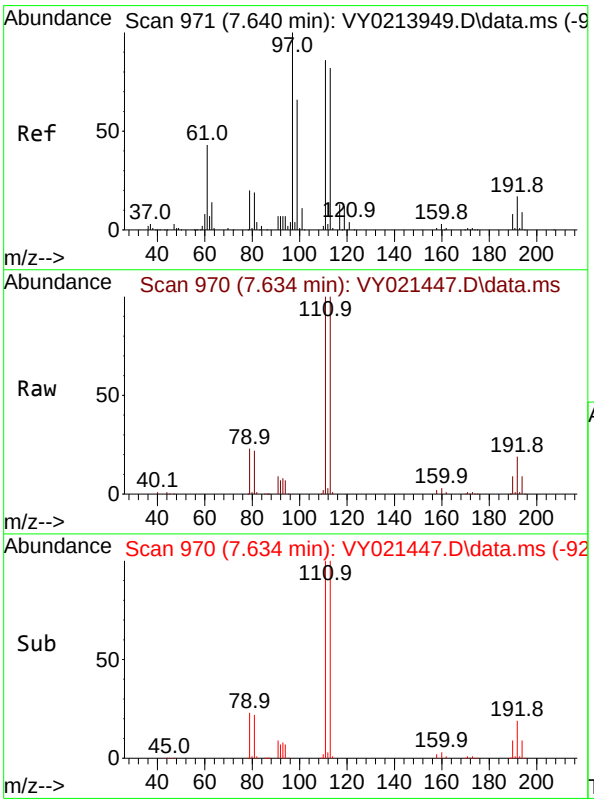
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021447.D
Acq: 06 Mar 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
T9

Tgt Ion:114 Resp: 387107

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.8
88	15.3	0.0	30.8

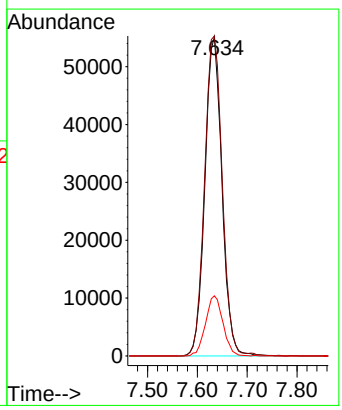


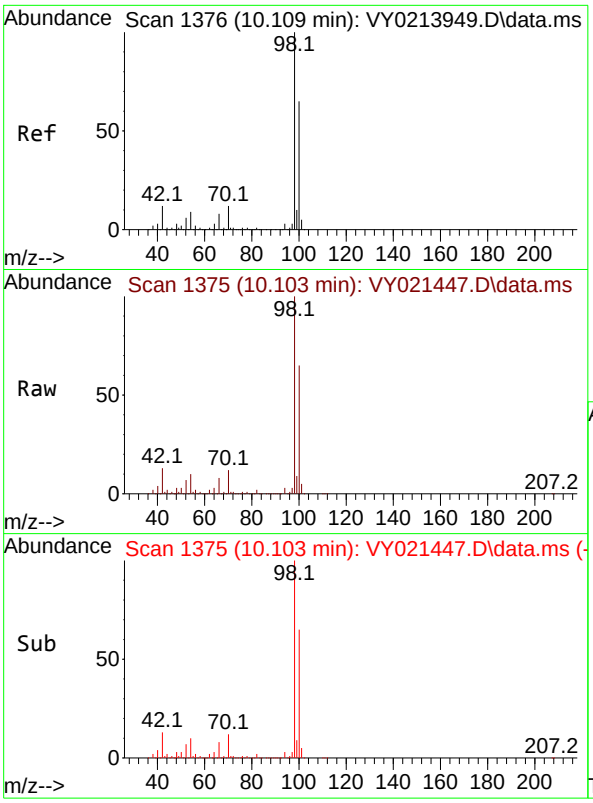


#35
Dibromofluoromethane
Concen: 51.464 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021447.D
Acq: 06 Mar 2025 20:06

Tgt Ion:113 Resp: 130951

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.0	123.0
192	19.3	15.9	23.9



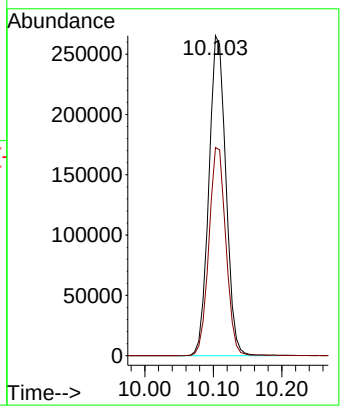


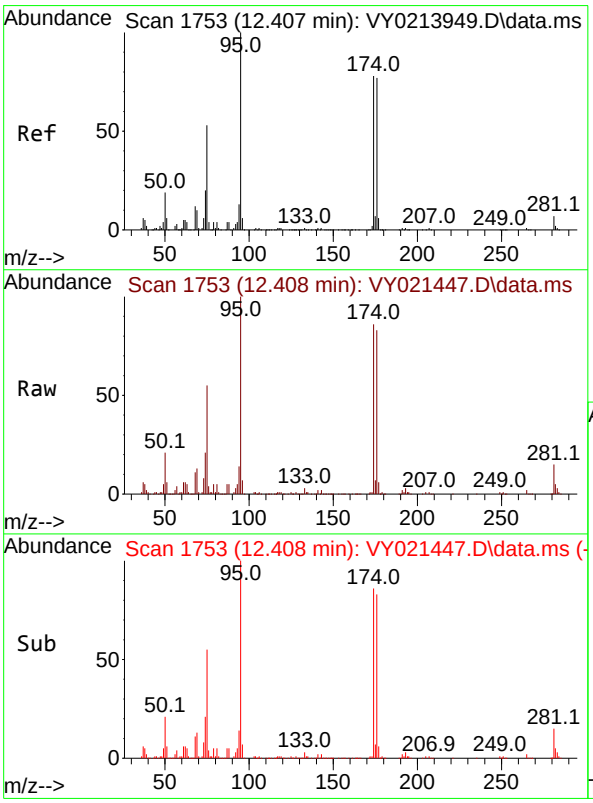
#50
Toluene-d8
Concen: 47.481 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021447.D
Acq: 06 Mar 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
T9

Tgt Ion: 98 Resp: 457447

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1

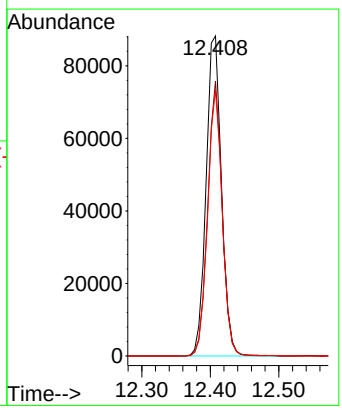


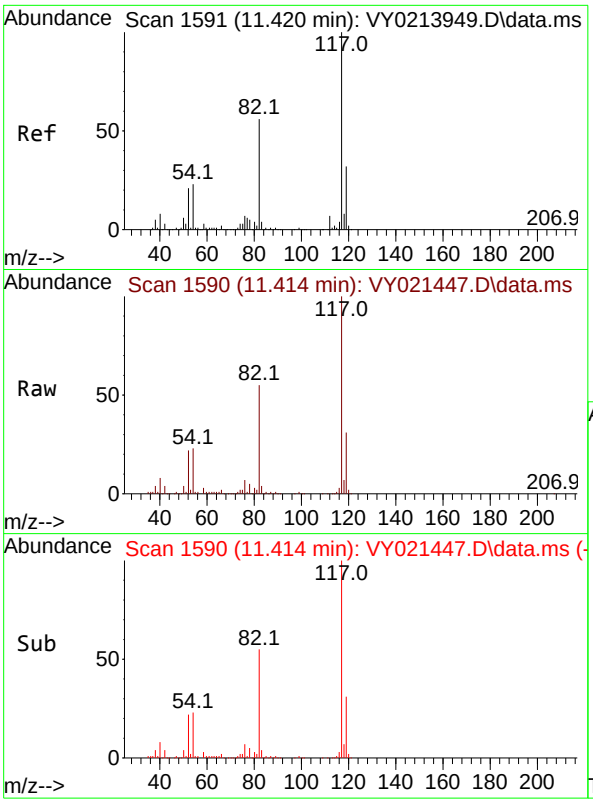


#62
4-Bromofluorobenzene
Concen: 42.003 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021447.D
Acq: 06 Mar 2025 20:06

Tgt Ion: 95 Resp: 137652

Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	165.0
176	78.8	0.0	160.0



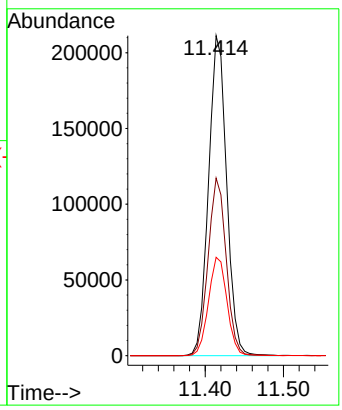


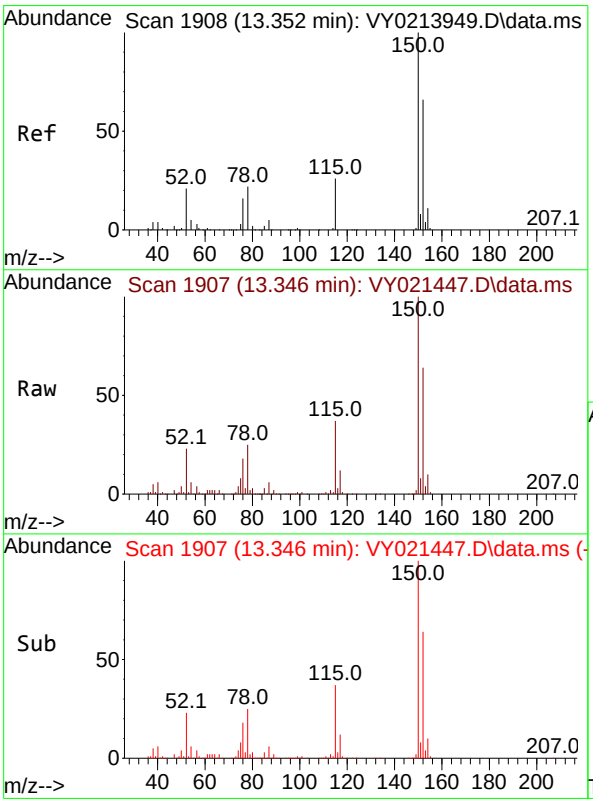
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021447.D
Acq: 06 Mar 2025 20:06

Instrument :
MSVOA_Y
ClientSampleId :
T9

Tgt Ion:117 Resp: 337914

Ion	Ratio	Lower	Upper
117	100		
82	55.5	44.6	67.0
119	30.8	25.4	38.0

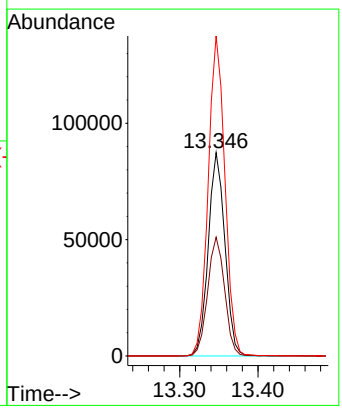




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021447.D
Acq: 06 Mar 2025 20:06

Tgt Ion:152 Resp: 129134

Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.0	87.0
150	157.8	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021447.D
Acq On : 06 Mar 2025 20:06
Operator : SY/MD
Sample : Q1463-09
Misc : 6.48g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T9

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021447.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	957	970	976	rBV	185530	456475	36.65%	6.988%
2	7.707	976	982	993	rVB	287715	654093	52.52%	10.014%
3	8.061	1030	1040	1052	rBV	172610	384850	30.90%	5.892%
4	8.616	1122	1131	1144	rBV	468730	936744	75.22%	14.341%
5	10.103	1368	1375	1385	rBV	722816	1245356	100.00%	19.066%
6	11.414	1582	1590	1604	rBV	670372	1082622	86.93%	16.575%
7	12.408	1746	1753	1767	rBV2	521902	873057	70.11%	13.366%
8	13.346	1898	1907	1921	rBV	543453	825756	66.31%	12.642%
9	13.883	1989	1995	2003	rVB2	43659	72875	5.85%	1.116%

Sum of corrected areas: 6531828

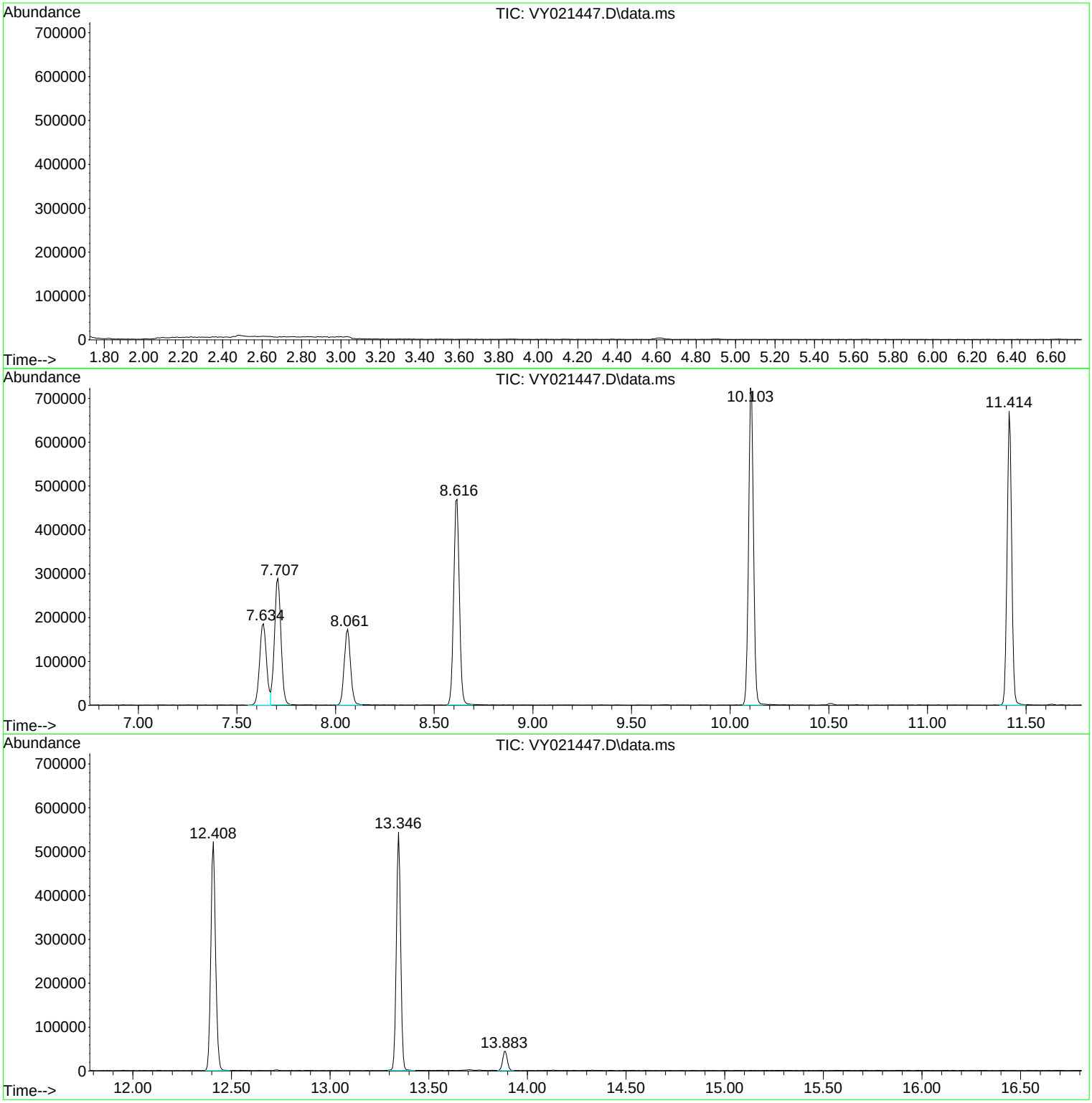
Sample Results: **VY021447.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021447.D
Acq On : 06 Mar 2025 20:06
Operator : SY/MD
Sample : Q1463-09
Misc : 6.48g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021447.D
Acq On : 06 Mar 2025 20:06
Operator : SY/MD
Sample : Q1463-09
Misc : 6.48g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021447.D
Acq On : 06 Mar 2025 20:06
Operator : SY/MD
Sample : Q1463-09
Misc : 6.48g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021458.D
Acq On : 07 Mar 2025 14:05
Operator : SY/MD
Sample : Q1463-10
Misc : 7.05g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T10

Quant Time: Mar 07 22:01:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	289637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	520171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	457030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	176291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	169958	55.518	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.040%			
35) Dibromofluoromethane	7.634	113	173484	50.739	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.480%			
50) Toluene-d8	10.109	98	622506	48.085	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.160%			
62) 4-Bromofluorobenzene	12.408	95	189635	43.063	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 86.120%			

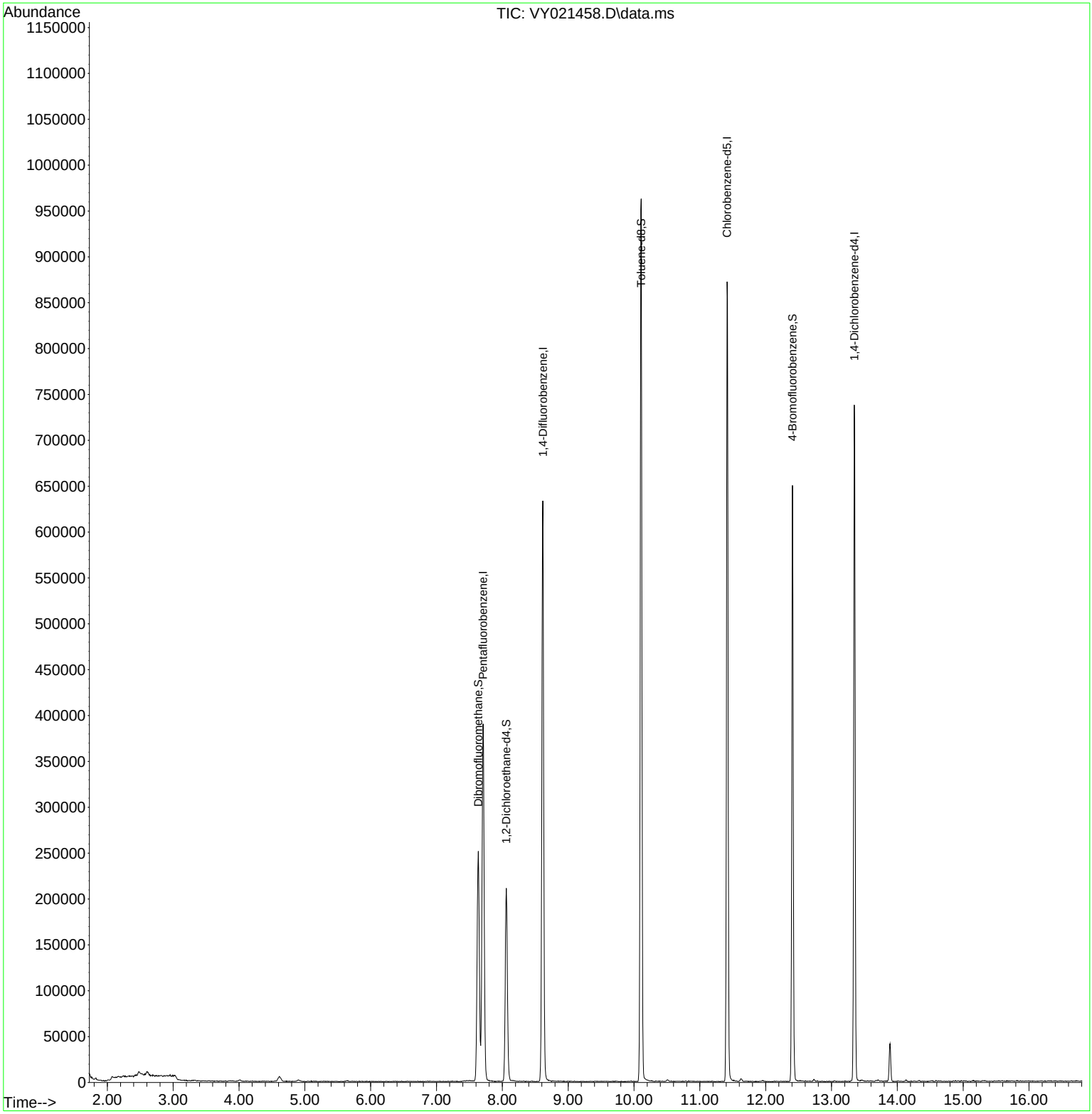
Target Compounds Qvalue

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

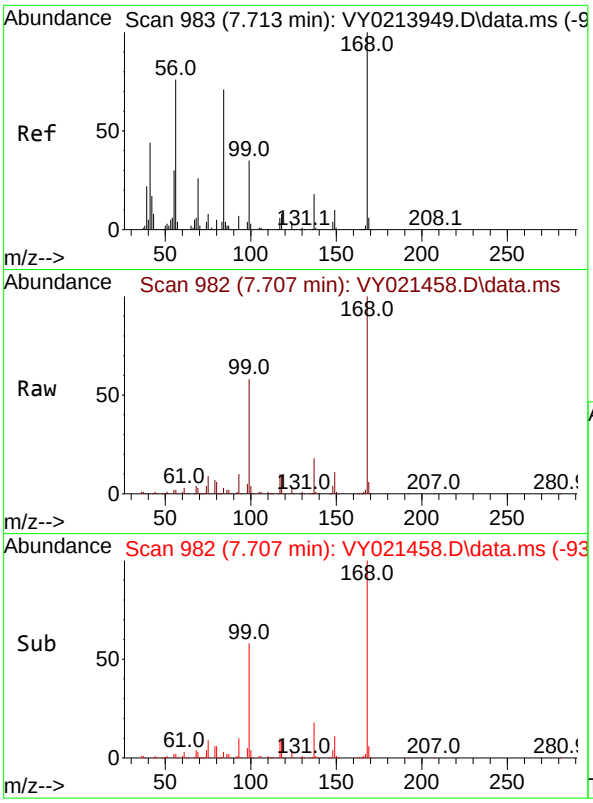
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021458.D
Acq On : 07 Mar 2025 14:05
Operator : SY/MD
Sample : Q1463-10
Misc : 7.05g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T10

Quant Time: Mar 07 22:01:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



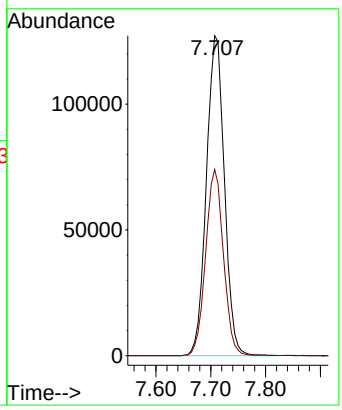
Instrument :
MSVOA_Y
ClientSampleId :
T10

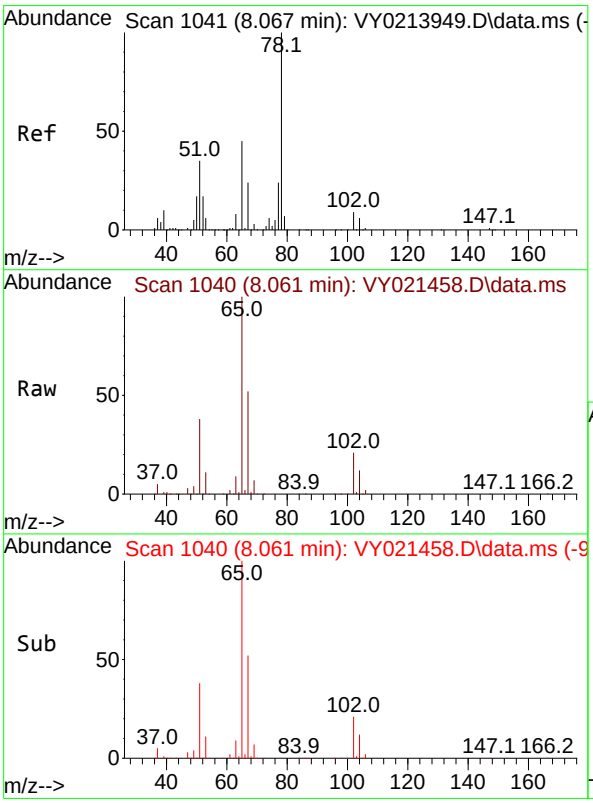


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion:168 Resp: 289637

Ion	Ratio	Lower	Upper
168	100		
99	58.2	46.0	69.0

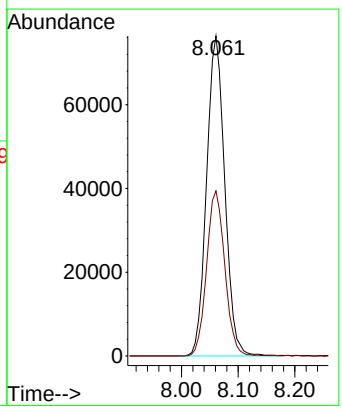


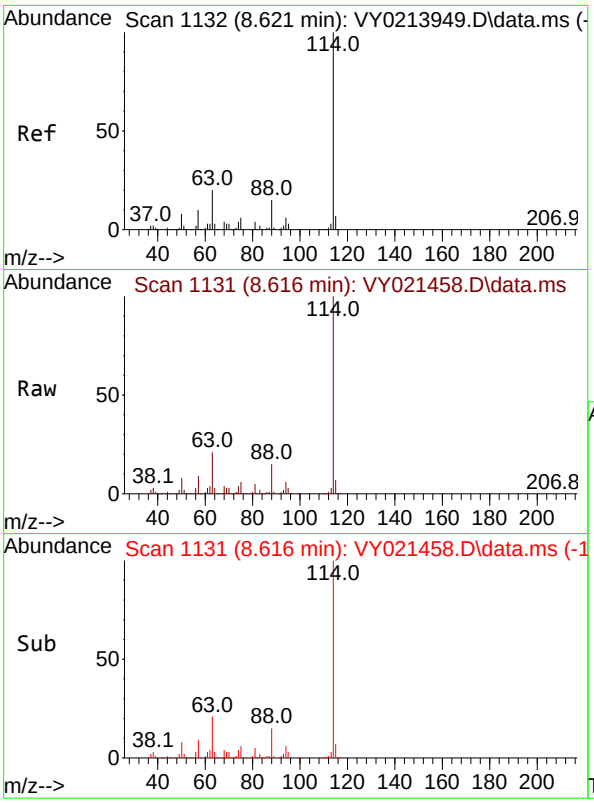


#33
1,2-Dichloroethane-d4
Concen: 55.518 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion: 65 Resp: 169958

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.8



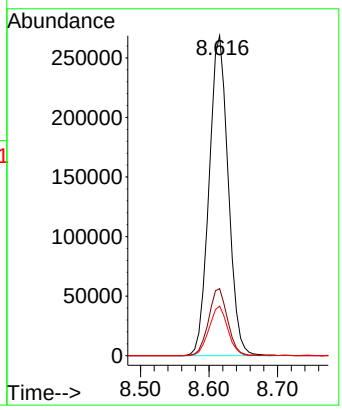


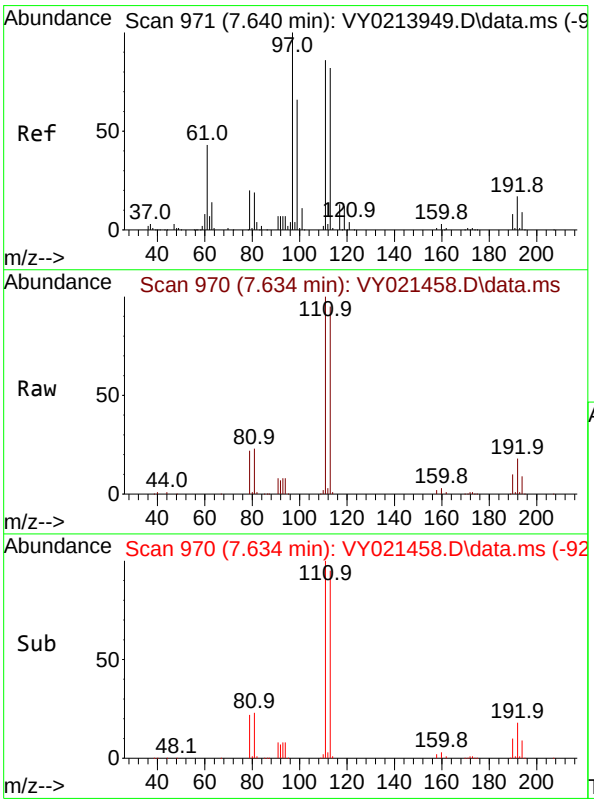
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Instrument :
MSVOA_Y
ClientSampleId :
T10

Tgt Ion:114 Resp: 520171

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	40.8
88	15.5	0.0	30.8

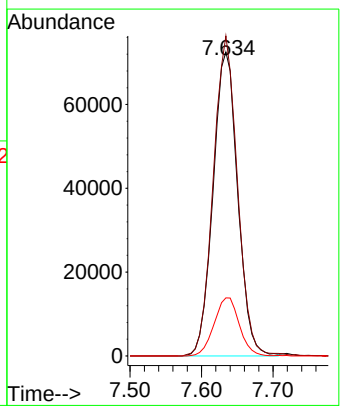


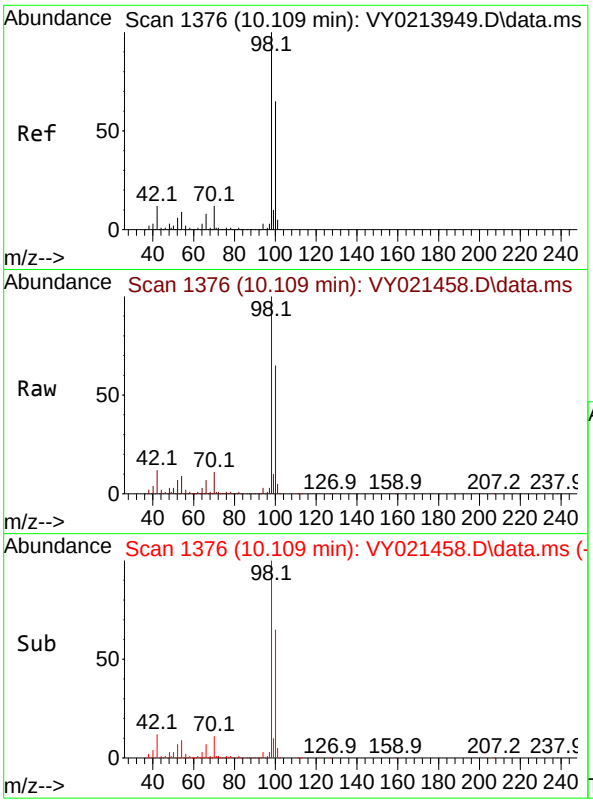


#35
Dibromofluoromethane
Concen: 50.739 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion:113 Resp: 173484

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.0	123.0
192	19.6	15.9	23.9



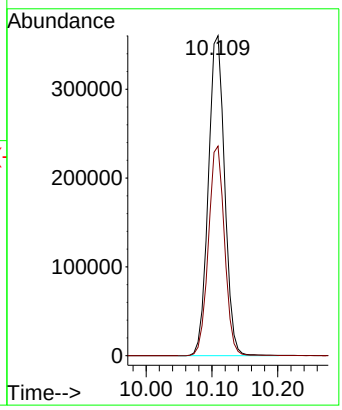


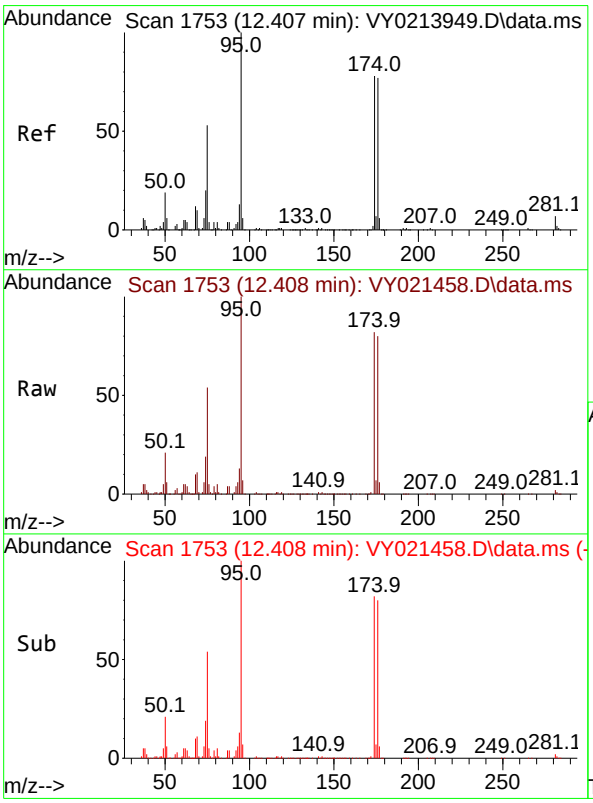
#50
Toluene-d8
Concen: 48.085 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Instrument :
MSVOA_Y
ClientSampleId :
T10

Tgt Ion: 98 Resp: 622506

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.1	78.1

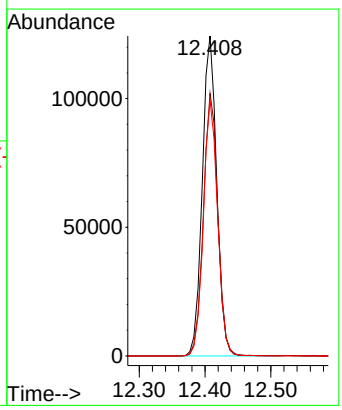


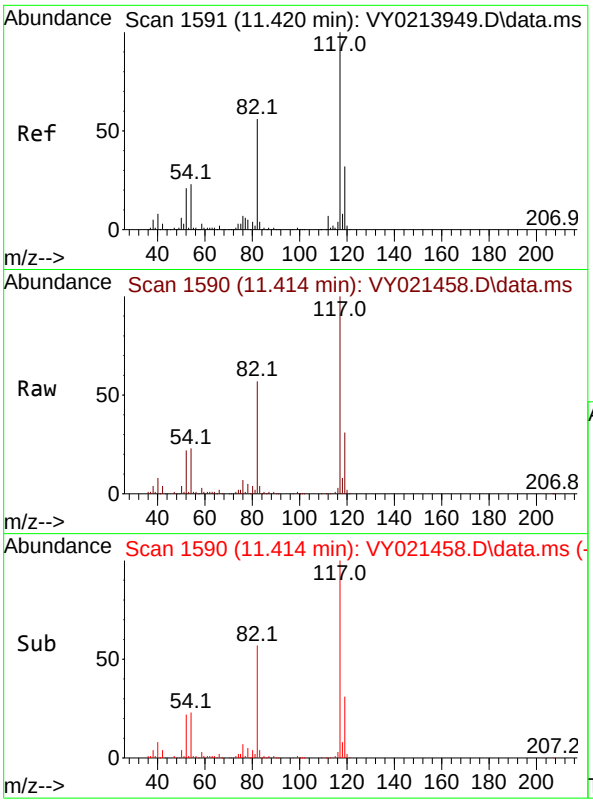


#62
4-Bromofluorobenzene
Concen: 43.063 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion: 95 Resp: 189635

Ion	Ratio	Lower	Upper
95	100		
174	82.3	0.0	165.0
176	78.9	0.0	160.0



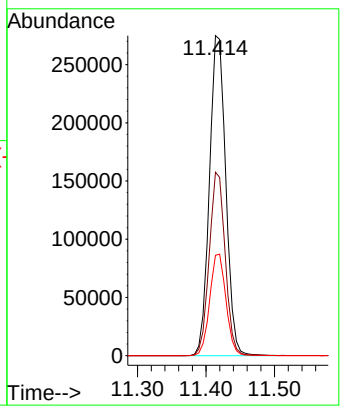


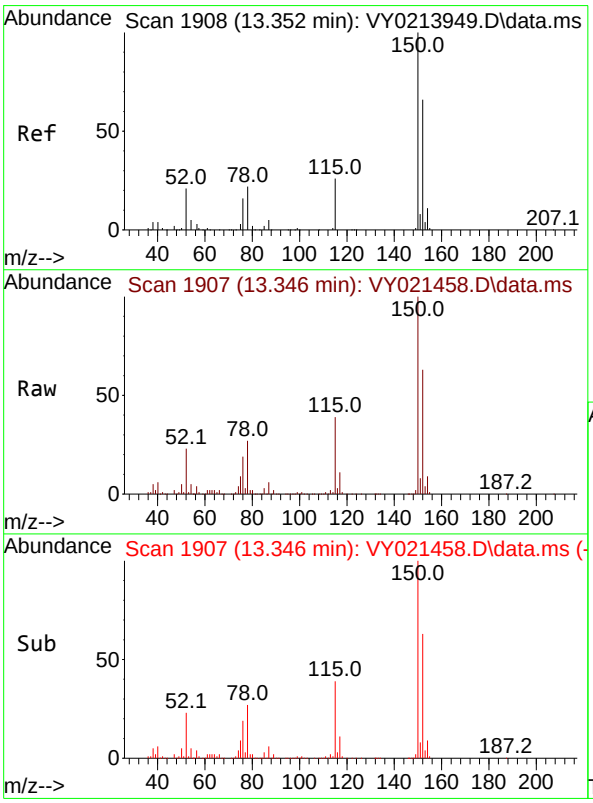
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Instrument :
MSVOA_Y
ClientSampleId :
T10

Tgt Ion:117 Resp: 457030

Ion	Ratio	Lower	Upper
117	100		
82	57.3	44.6	67.0
119	31.3	25.4	38.0

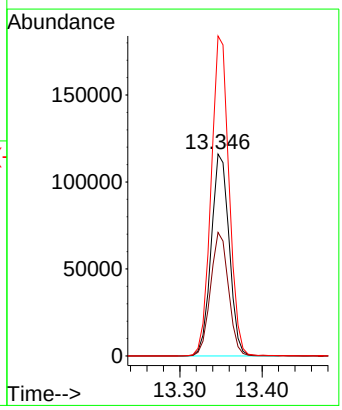




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion:152 Resp: 176291

Ion	Ratio	Lower	Upper
152	100		
115	61.0	29.0	87.0
150	157.9	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021458.D
Acq On : 07 Mar 2025 14:05
Operator : SY/MD
Sample : Q1463-10
Misc : 7.05g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T10

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021458.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.634	960	970	976	rBV	250474	595079	35.32%	6.989%
2	7.707	976	982	996	rVB	388801	877016	52.06%	10.300%
3	8.061	1031	1040	1051	rBV	210357	472971	28.08%	5.555%
4	8.616	1119	1131	1145	rBV	633063	1237650	73.47%	14.536%
5	10.109	1367	1376	1396	rBV	962130	1684619	100.00%	19.786%
6	11.414	1582	1590	1605	rBV	871915	1445326	85.80%	16.975%
7	12.408	1746	1753	1767	rBV	649453	1010986	60.01%	11.874%
8	13.346	1896	1907	1921	rBV	737599	1121391	66.57%	13.171%
9	13.889	1989	1996	2003	rVB2	41198	69268	4.11%	0.814%

Sum of corrected areas: 8514306

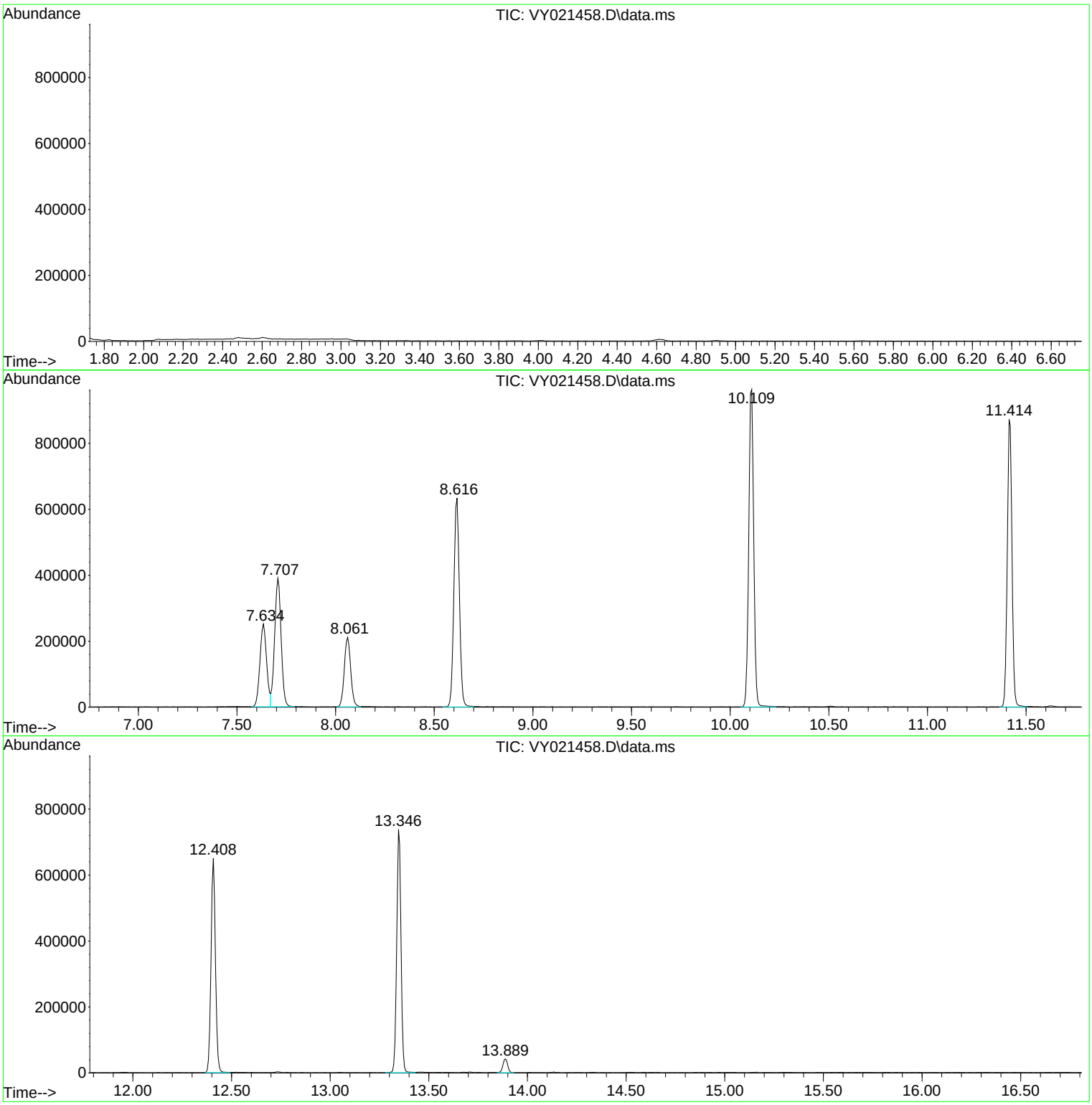
Sample Results: **VY021458.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021458.D
Acq On : 07 Mar 2025 14:05
Operator : SY/MD
Sample : Q1463-10
Misc : 7.05g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021458.D
Acq On : 07 Mar 2025 14:05
Operator : SY/MD
Sample : Q1463-10
Misc : 7.05g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021458.D
Acq On : 07 Mar 2025 14:05
Operator : SY/MD
Sample : Q1463-10
Misc : 7.05g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
T10

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021427.D
Acq On : 06 Mar 2025 11:59
Operator : SY/MD
Sample : VY0306SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Quant Time: Mar 07 00:38:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

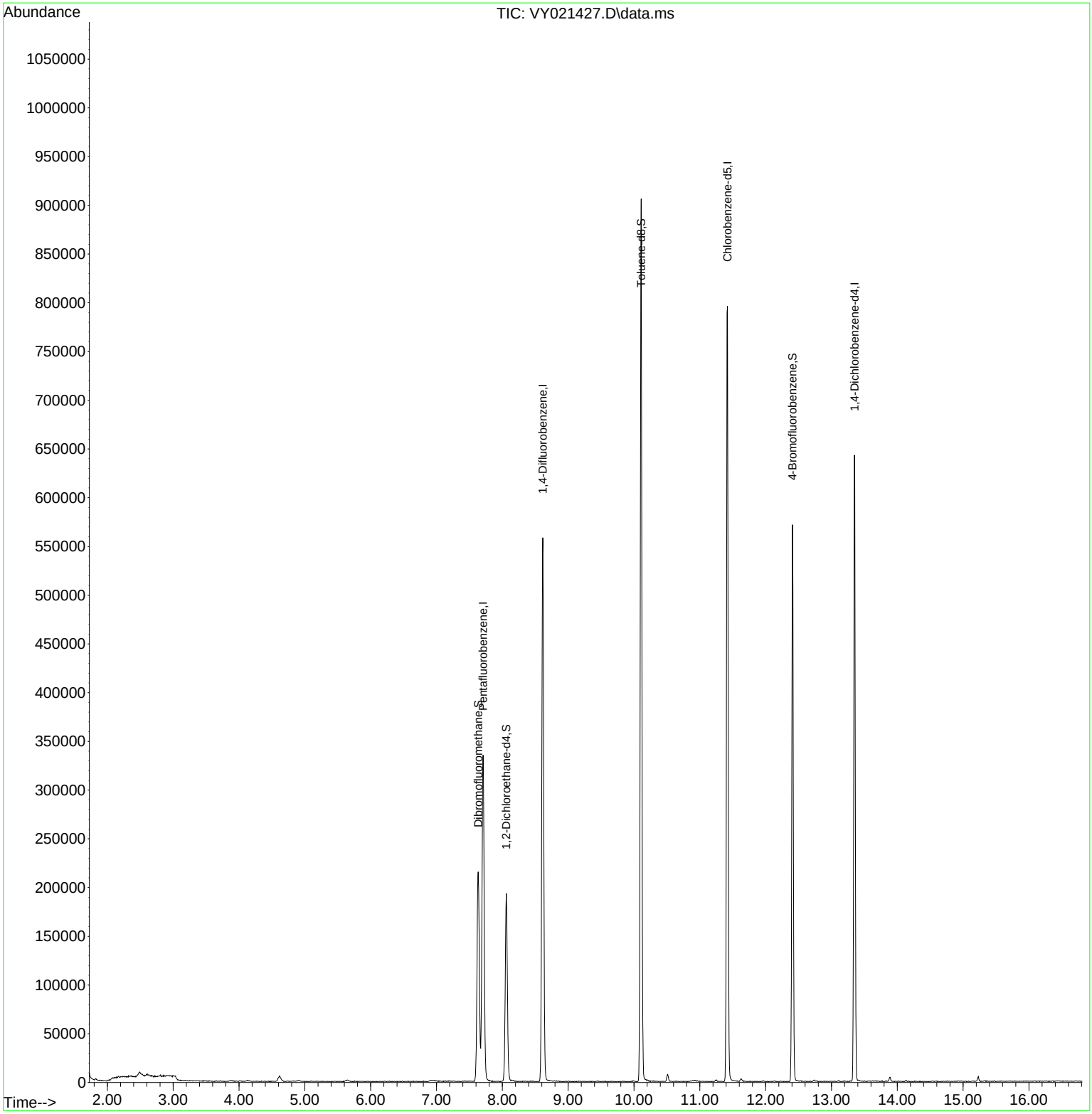
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	249443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	460921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	405928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	156000	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	154096	58.448	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.900%			
35) Dibromofluoromethane	7.634	113	154971	51.151	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.300%			
50) Toluene-d8	10.109	98	558007	48.643	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.280%			
62) 4-Bromofluorobenzene	12.408	95	170007	43.568	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 87.140%			
Target Compounds						Qvalue

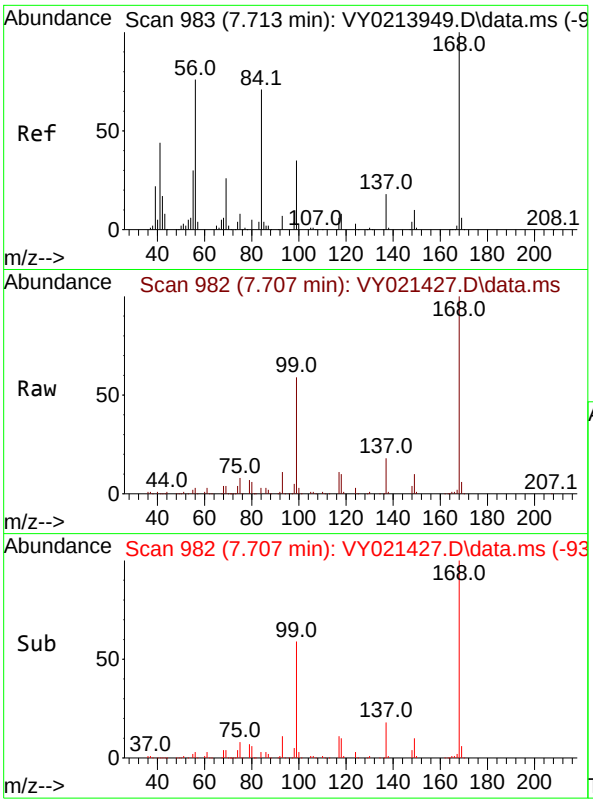
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021427.D
Acq On : 06 Mar 2025 11:59
Operator : SY/MD
Sample : VY0306SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Quant Time: Mar 07 00:38:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



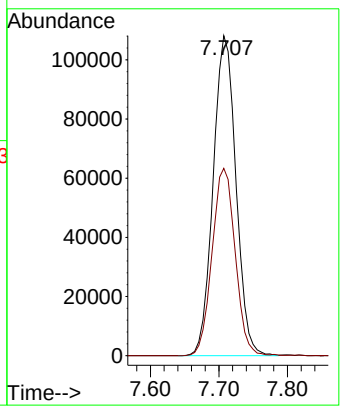


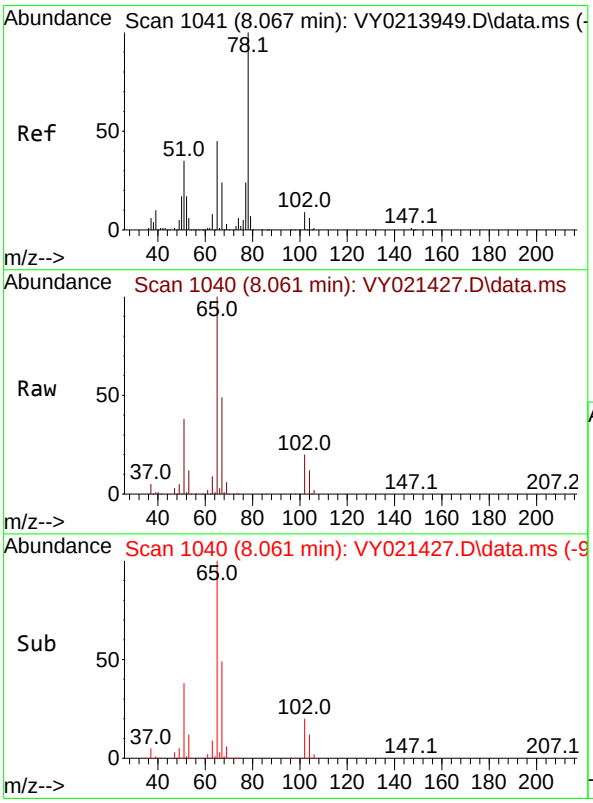
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Tgt Ion:168 Resp: 249443

Ion	Ratio	Lower	Upper
168	100		
99	58.6	46.0	69.0

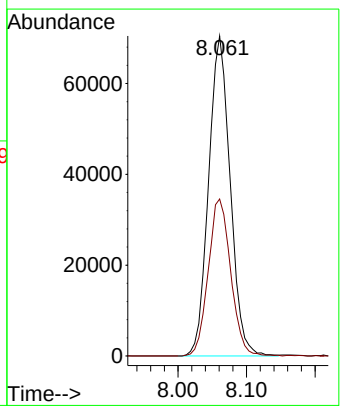


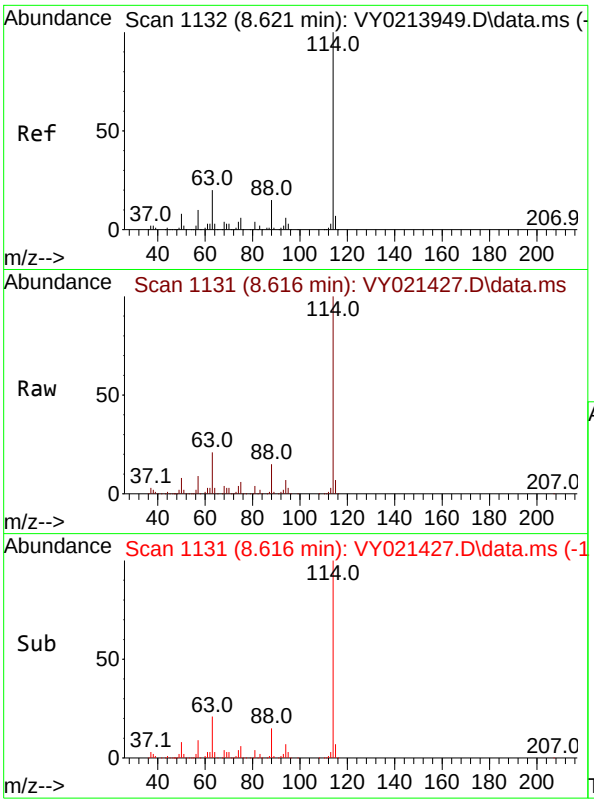


#33
1,2-Dichloroethane-d4
Concen: 58.448 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Tgt Ion: 65 Resp: 154096

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	102.8



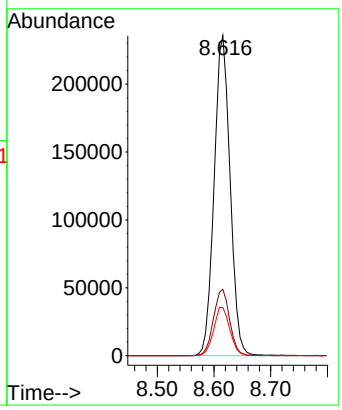


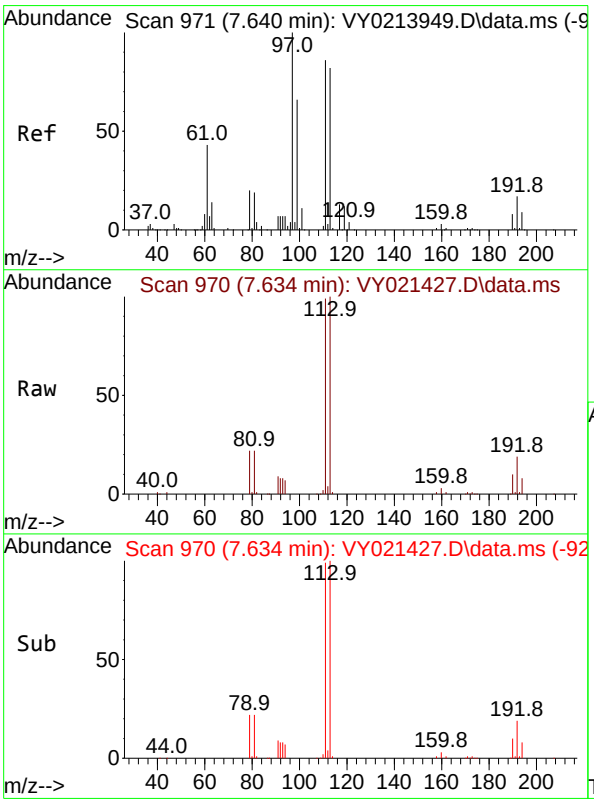
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Tgt Ion:114 Resp: 460921

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	15.1	0.0	30.8

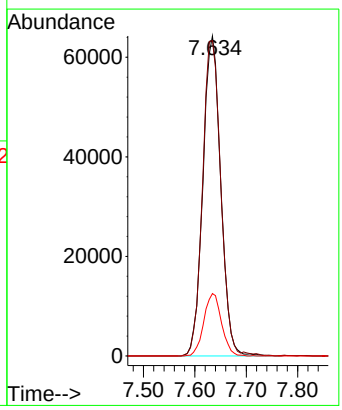


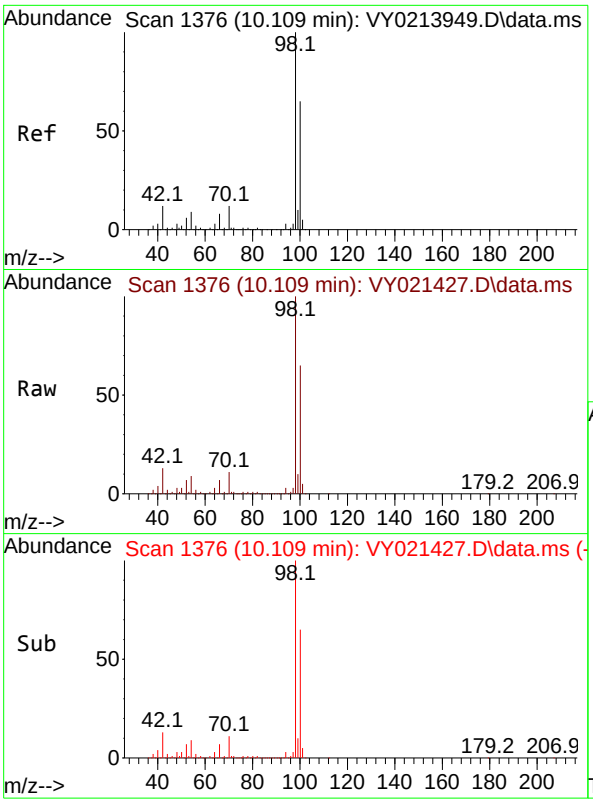


#35
Dibromofluoromethane
Concen: 51.151 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Tgt Ion:113 Resp: 154971

Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	19.3	15.9	23.9



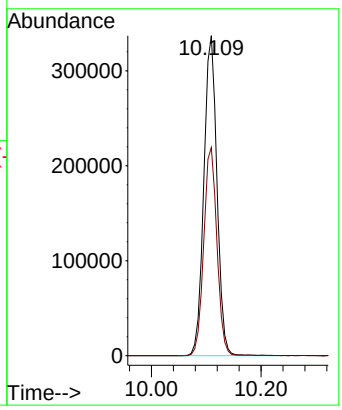


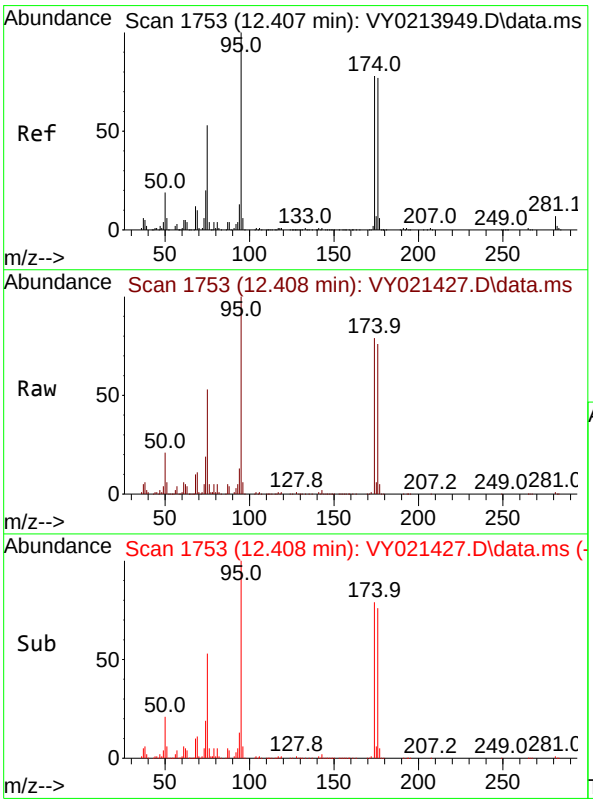
#50
Toluene-d8
Concen: 48.643 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Tgt Ion: 98 Resp: 558007

Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.1	78.1

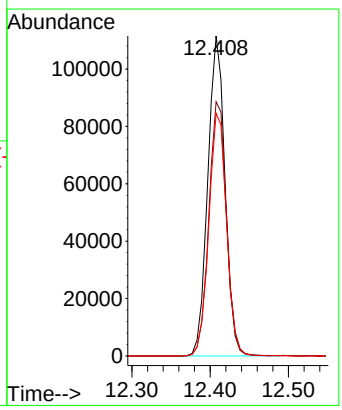


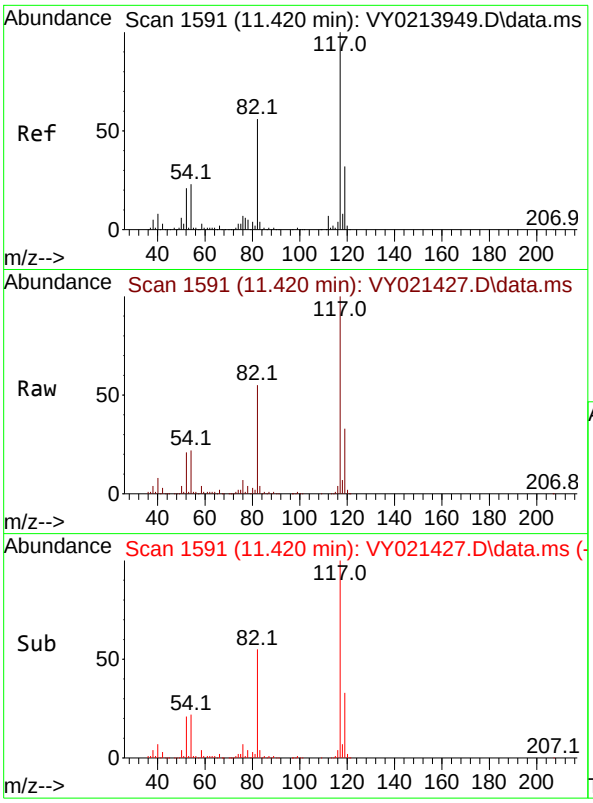


#62
4-Bromofluorobenzene
Concen: 43.568 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Tgt Ion: 95 Resp: 170007

Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	165.0
176	77.8	0.0	160.0



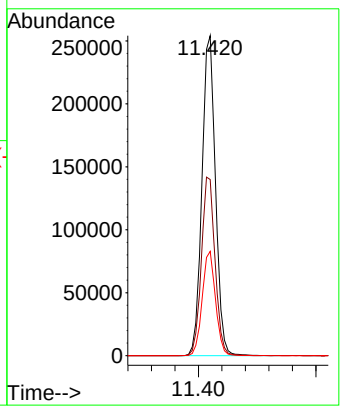


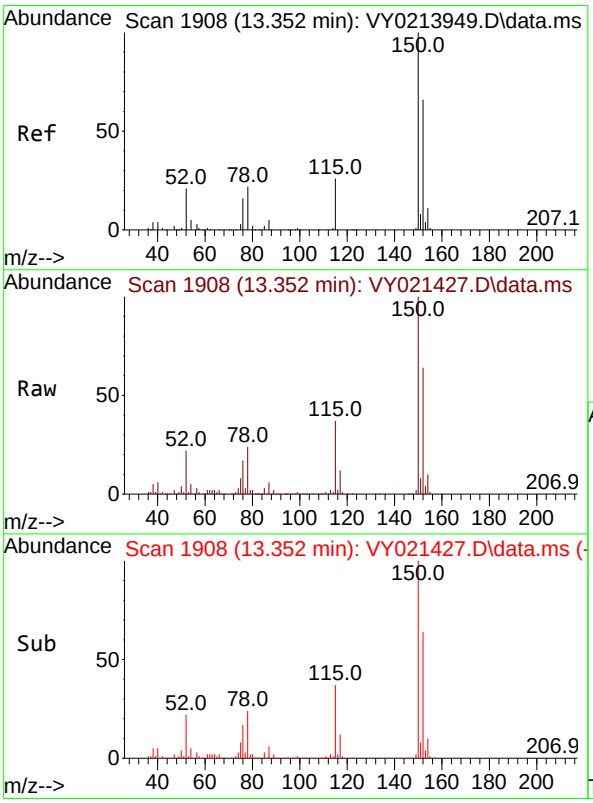
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Tgt Ion:117 Resp: 405928

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	32.6	25.4	38.0

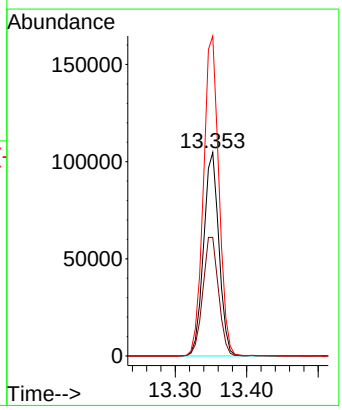




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021427.D
Acq: 06 Mar 2025 11:59

Tgt Ion:152 Resp: 156000

Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.0	87.0
150	158.2	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021427.D
Acq On : 06 Mar 2025 11:59
Operator : SY/MD
Sample : VY0306SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021427.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.495	117	127	132	rBV5	5042	16150	1.07%	0.213%
2	4.616	465	475	485	rBV4	5719	17642	1.17%	0.233%
3	7.634	960	970	976	rBV2	214988	528018	34.88%	6.966%
4	7.707	976	982	996	rVB	334308	771072	50.93%	10.172%
5	8.061	1027	1040	1051	rBV	193021	432772	28.59%	5.709%
6	8.616	1122	1131	1144	rBV	557966	1109058	73.26%	14.631%
7	10.109	1367	1376	1386	rBV	905768	1513956	100.00%	19.973%
8	11.420	1581	1591	1605	rBV	795449	1300163	85.88%	17.152%
9	12.408	1746	1753	1762	rBV	571400	896843	59.24%	11.831%
10	13.346	1900	1907	1915	rBV	642349	994480	65.69%	13.120%

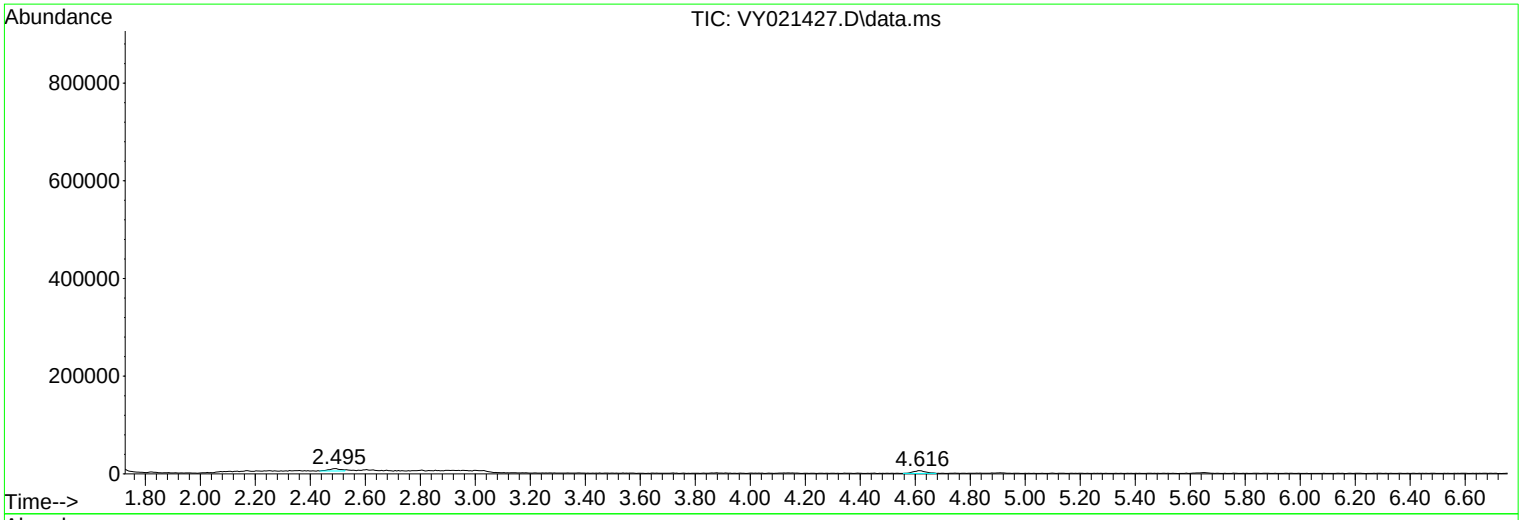
Sum of corrected areas: 7580154

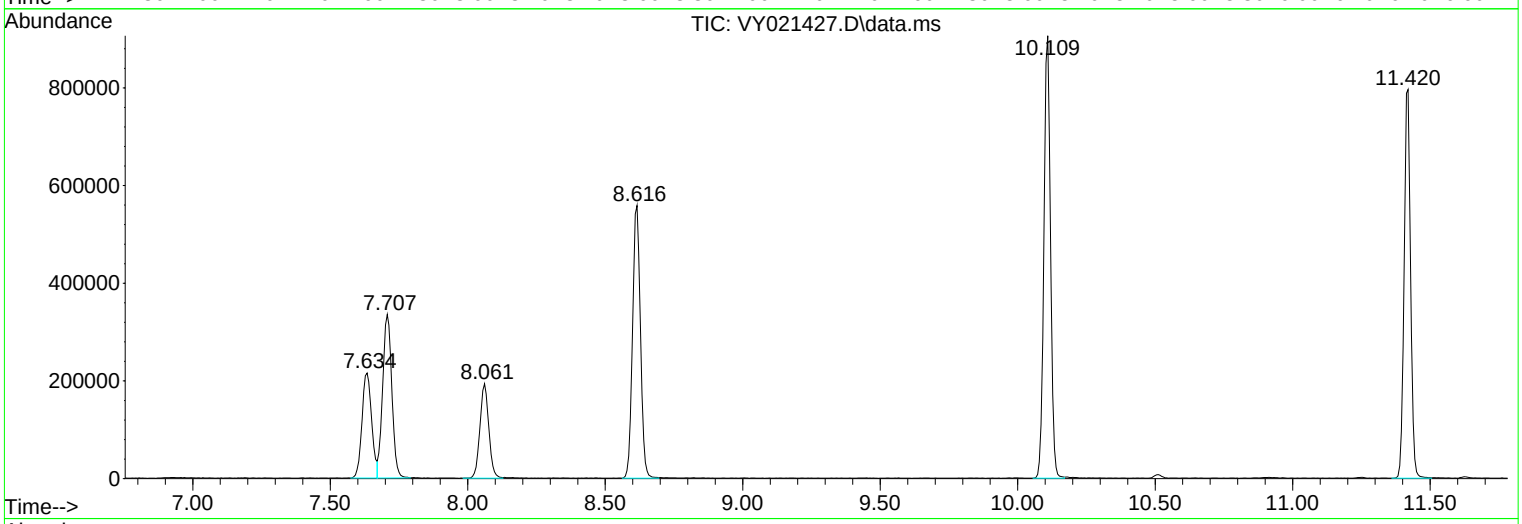
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021427.D
Acq On : 06 Mar 2025 11:59
Operator : SY/MD
Sample : VY0306SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

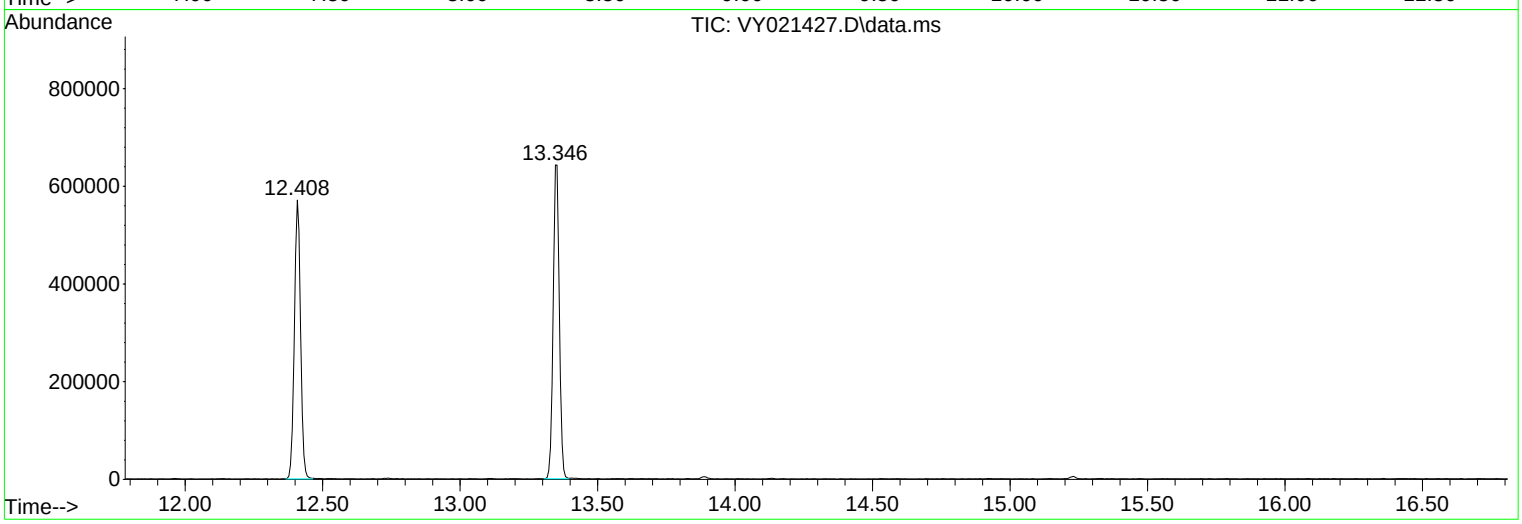
Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021427.D
Acq On : 06 Mar 2025 11:59
Operator : SY/MD
Sample : VY0306SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021427.D
Acq On : 06 Mar 2025 11:59
Operator : SY/MD
Sample : VY0306SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021452.D
Acq On : 07 Mar 2025 10:35
Operator : SY/MD
Sample : VY0307SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Quant Time: Mar 07 21:59:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	247432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	455944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	386511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	140975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144872	55.396	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.800%			
35) Dibromofluoromethane	7.634	113	150461	50.204	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.400%			
50) Toluene-d8	10.109	98	550853	48.544	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.080%			
62) 4-Bromofluorobenzene	12.408	95	154713	40.081	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 80.160%			

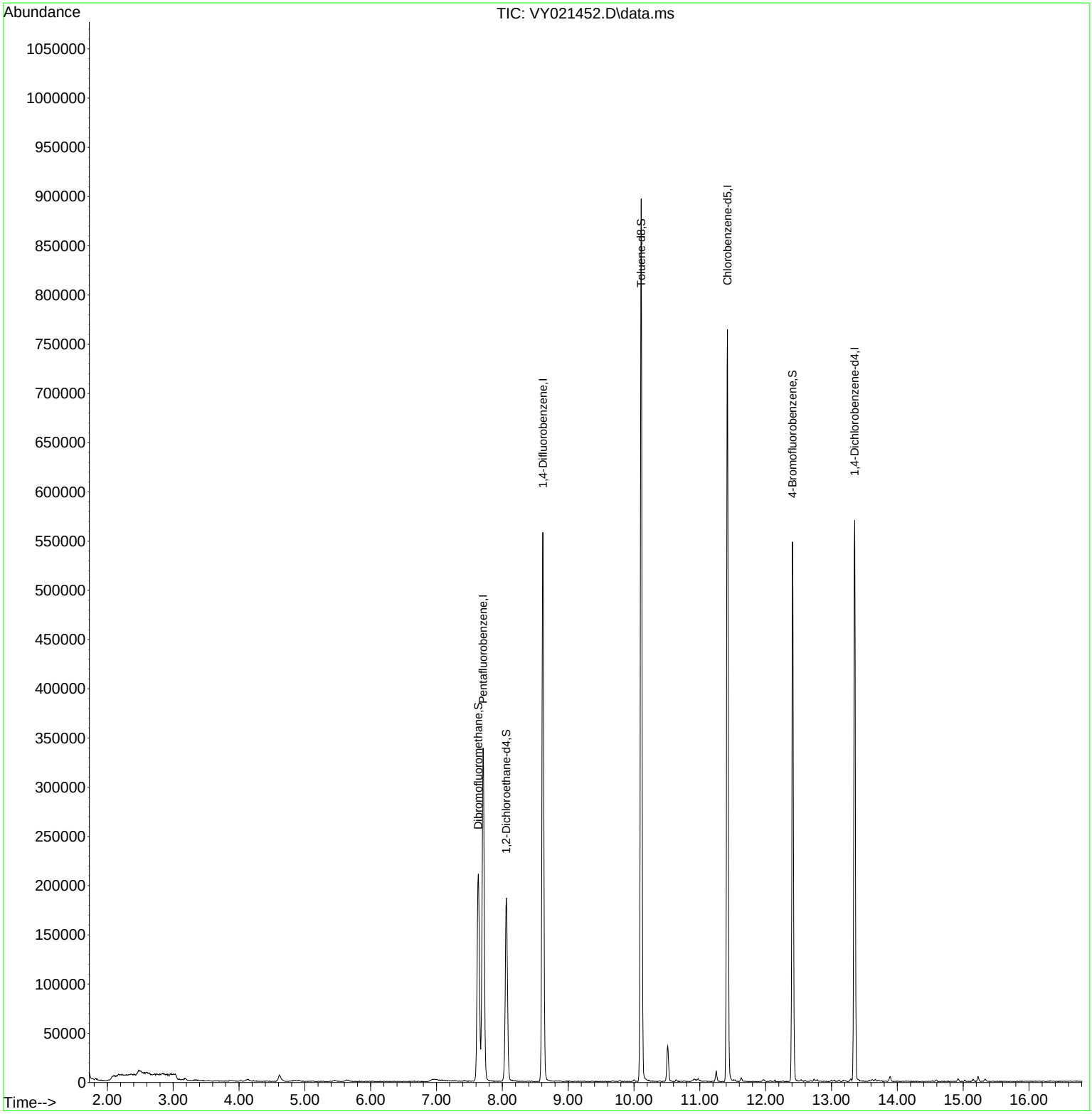
Target Compounds Qvalue

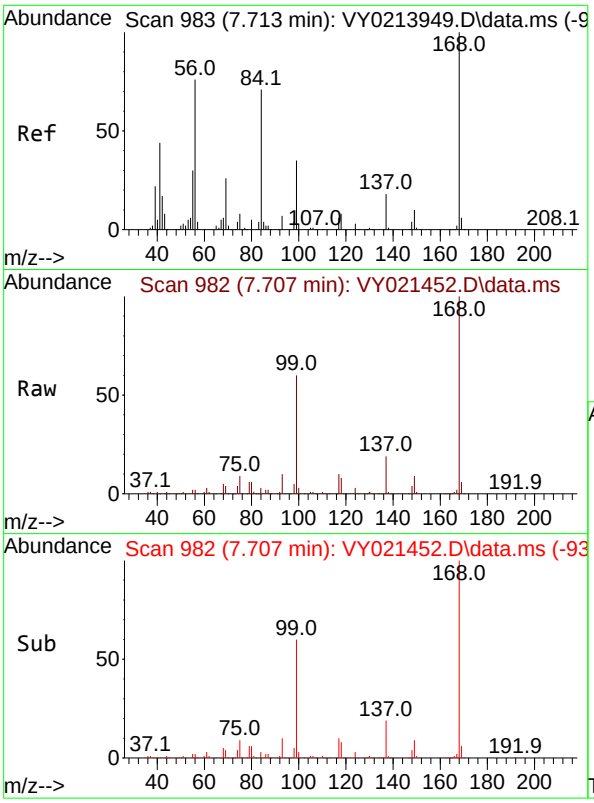
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021452.D
Acq On : 07 Mar 2025 10:35
Operator : SY/MD
Sample : VY0307SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Quant Time: Mar 07 21:59:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



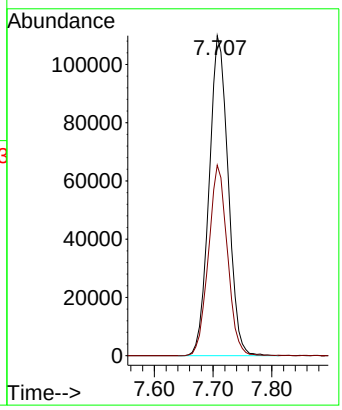


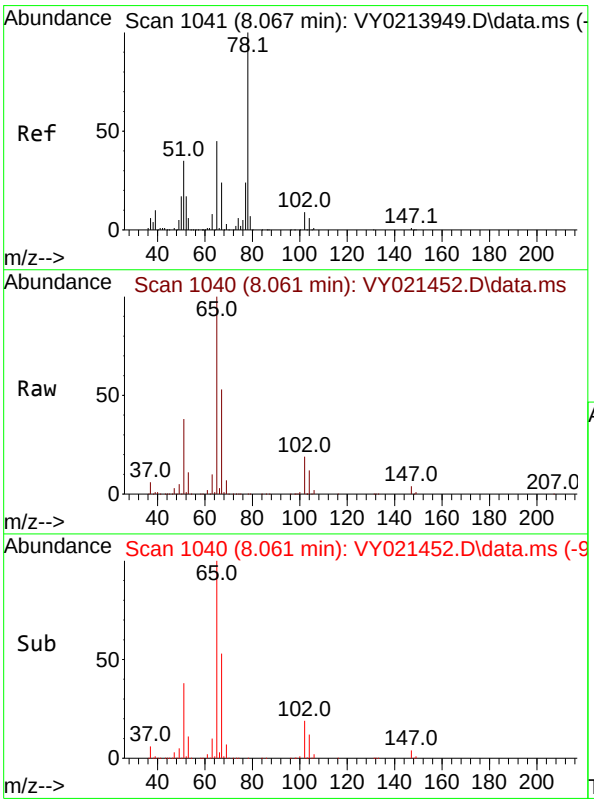
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Tgt Ion:168 Resp: 247432

Ion	Ratio	Lower	Upper
168	100		
99	59.5	46.0	69.0

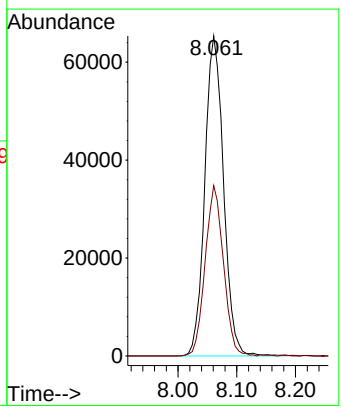


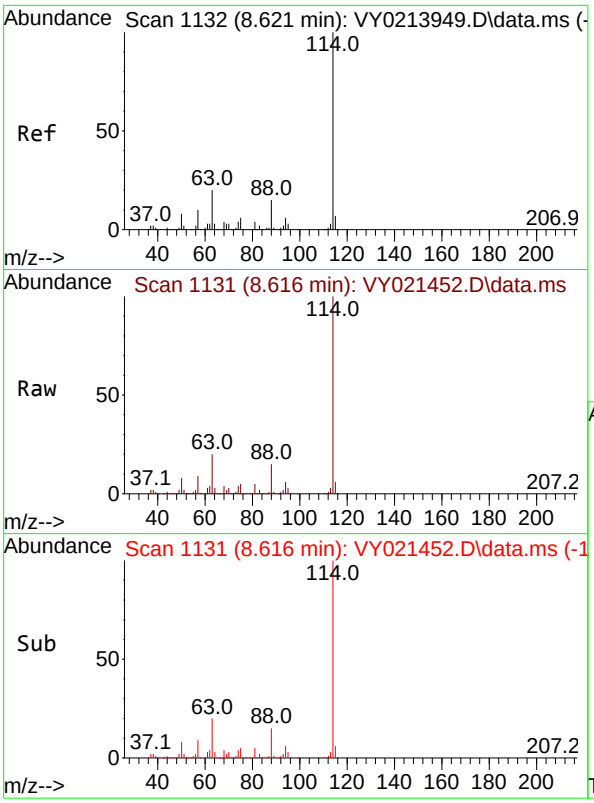


#33
1,2-Dichloroethane-d4
Concen: 55.396 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 65 Resp: 144872

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	102.8



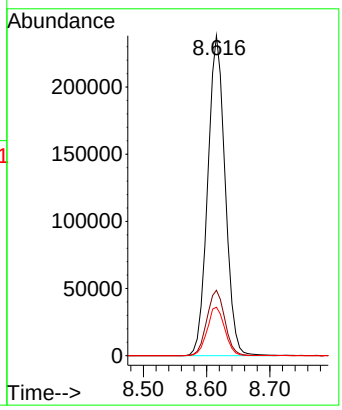


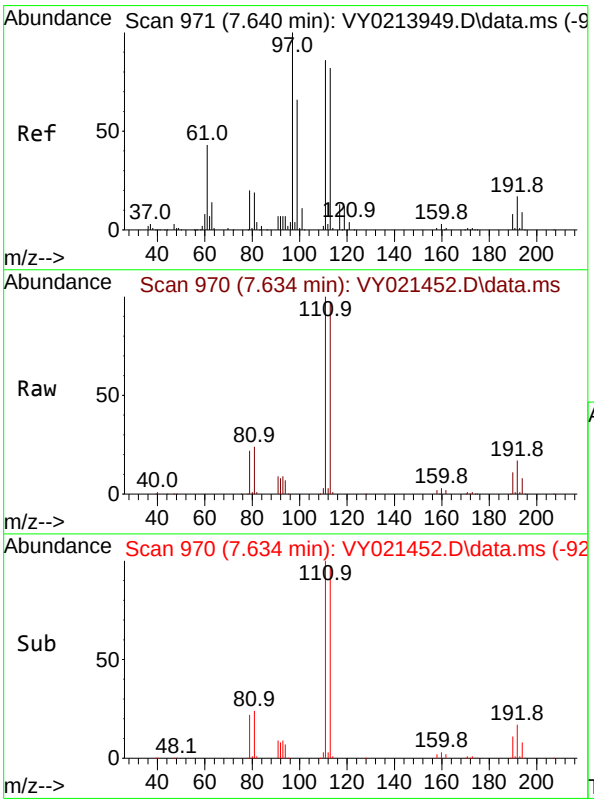
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Tgt Ion:114 Resp: 455944

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.8
88	15.1	0.0	30.8

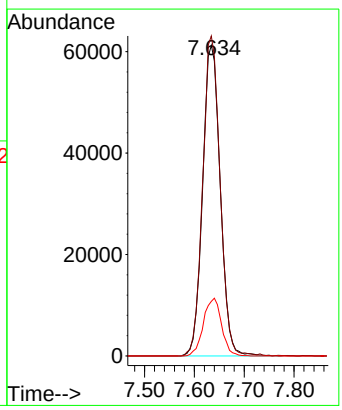


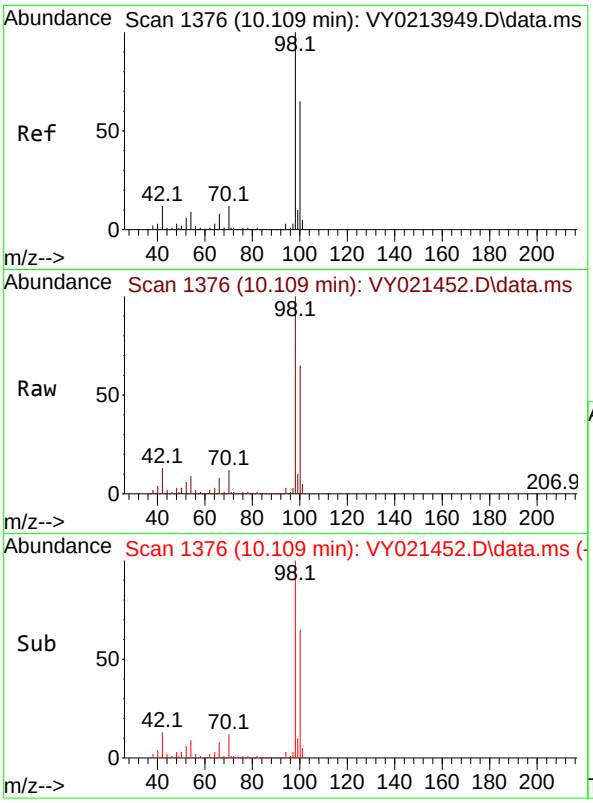


#35
Dibromofluoromethane
Concen: 50.204 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion:113 Resp: 150461

Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.0	123.0
192	19.1	15.9	23.9



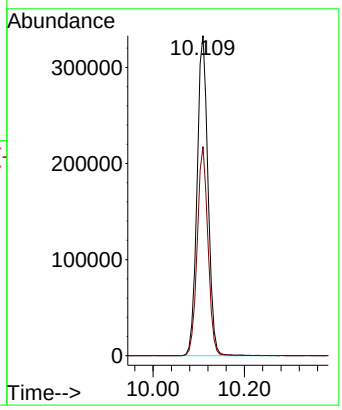


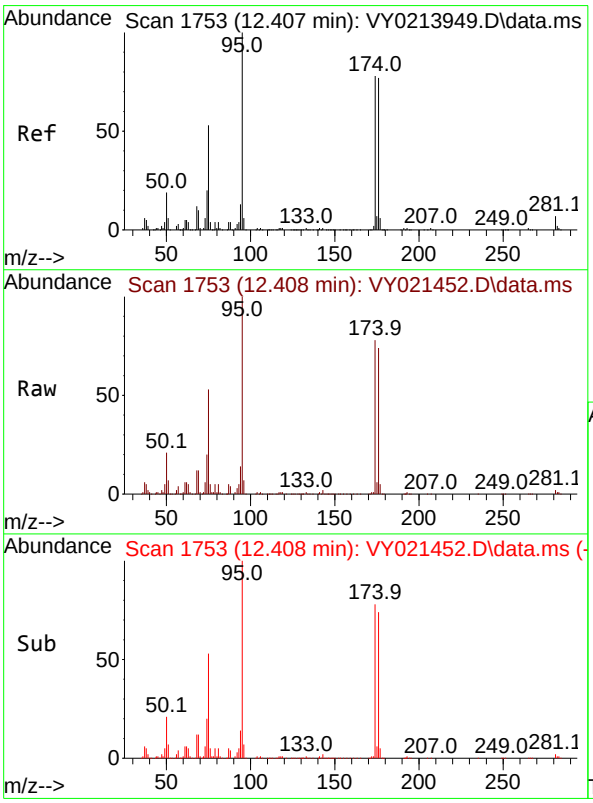
#50
Toluene-d8
Concen: 48.544 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Tgt Ion: 98 Resp: 550853

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.1	78.1

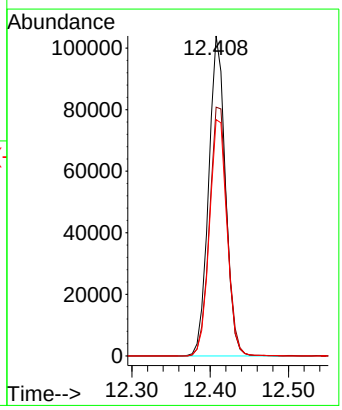


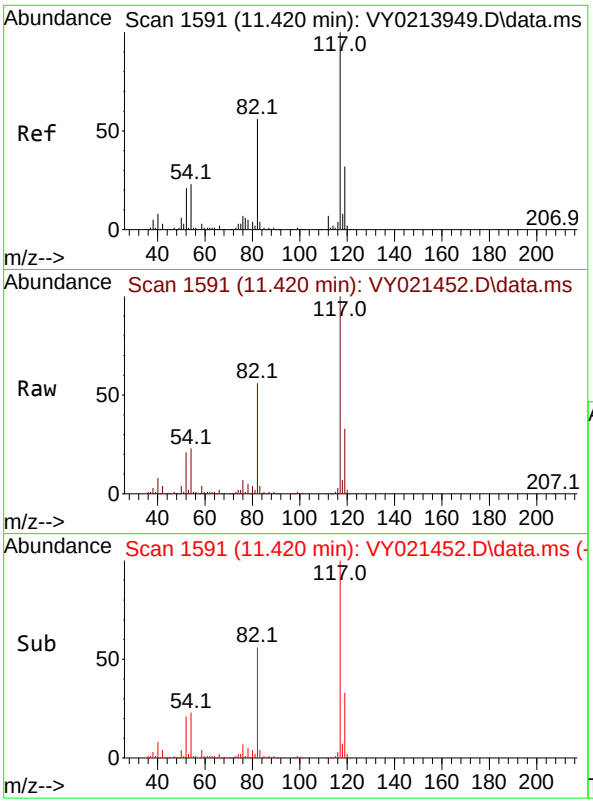


#62
4-Bromofluorobenzene
Concen: 40.081 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion: 95 Resp: 154713

Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	165.0
176	77.4	0.0	160.0



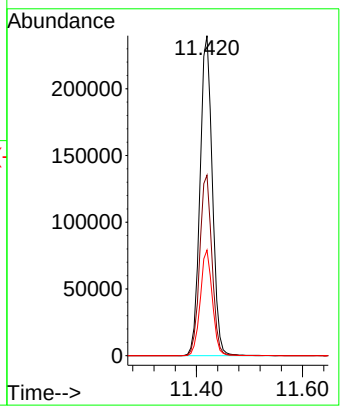


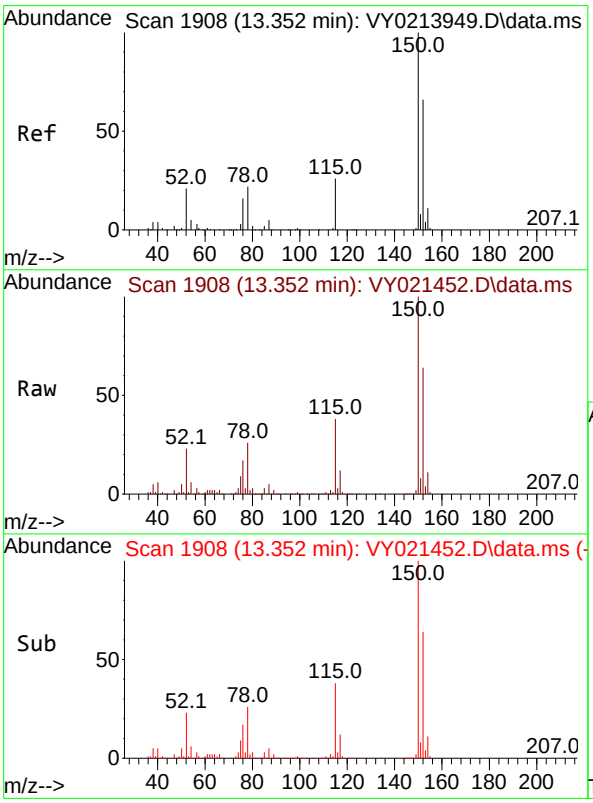
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Tgt Ion:117 Resp: 386511

Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.6	67.0
119	33.0	25.4	38.0

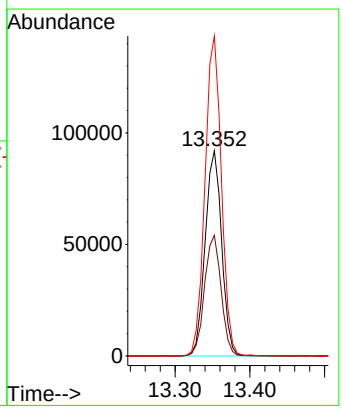




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY021452.D
Acq: 07 Mar 2025 10:35

Tgt Ion:152 Resp: 140975

Ion	Ratio	Lower	Upper
152	100		
115	59.2	29.0	87.0
150	155.2	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021452.D
Acq On : 07 Mar 2025 10:35
Operator : SY/MD
Sample : VY0307SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021452.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.610	465	474	489	rBV5	6713	21614	1.45%	0.292%
2	7.634	959	970	976	rBV2	210541	513351	34.43%	6.943%
3	7.707	976	982	999	rVB	338300	768555	51.55%	10.395%
4	8.061	1029	1040	1052	rBV	185995	434924	29.17%	5.883%
5	8.616	1122	1131	1147	rBV	557975	1093393	73.33%	14.789%
6	10.109	1368	1376	1394	rBV	896710	1490983	100.00%	20.166%
7	10.512	1435	1442	1448	rBV2	35644	66019	4.43%	0.893%
8	11.249	1558	1563	1568	rBV3	10282	15899	1.07%	0.215%
9	11.420	1583	1591	1604	rBV	763696	1240793	83.22%	16.782%
10	12.408	1746	1753	1763	rBV	548094	859551	57.65%	11.626%
11	13.352	1901	1908	1915	rBV	569422	888398	59.58%	12.016%

Sum of corrected areas: 7393480

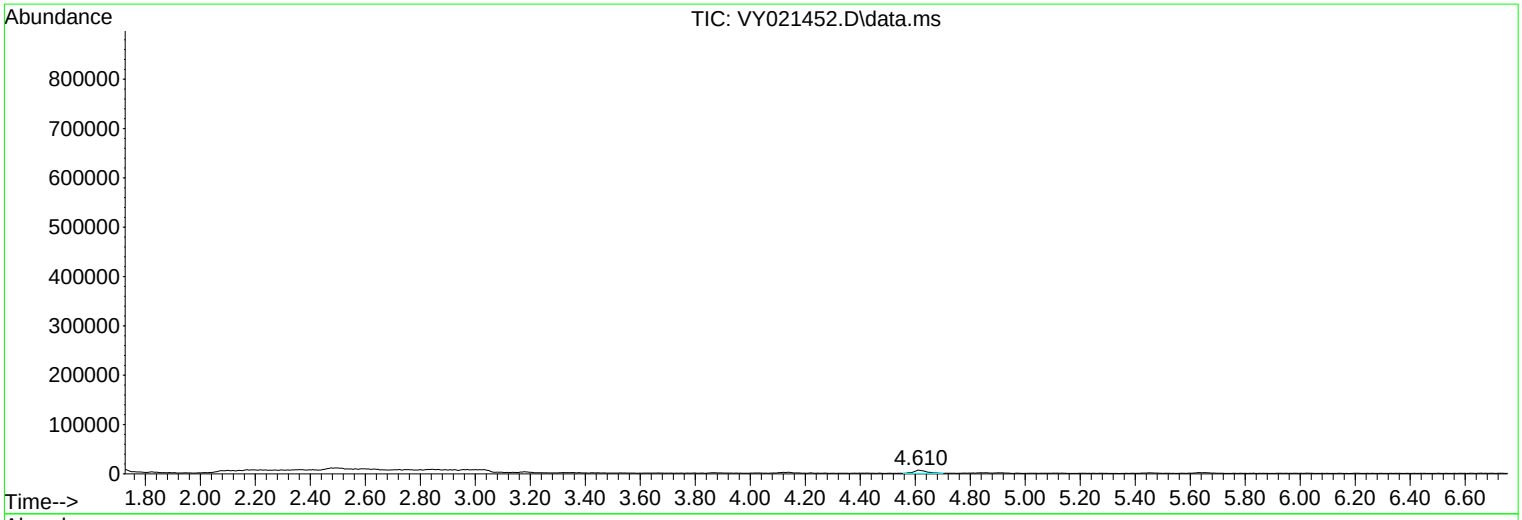
Sample Results: **VY021452.D**

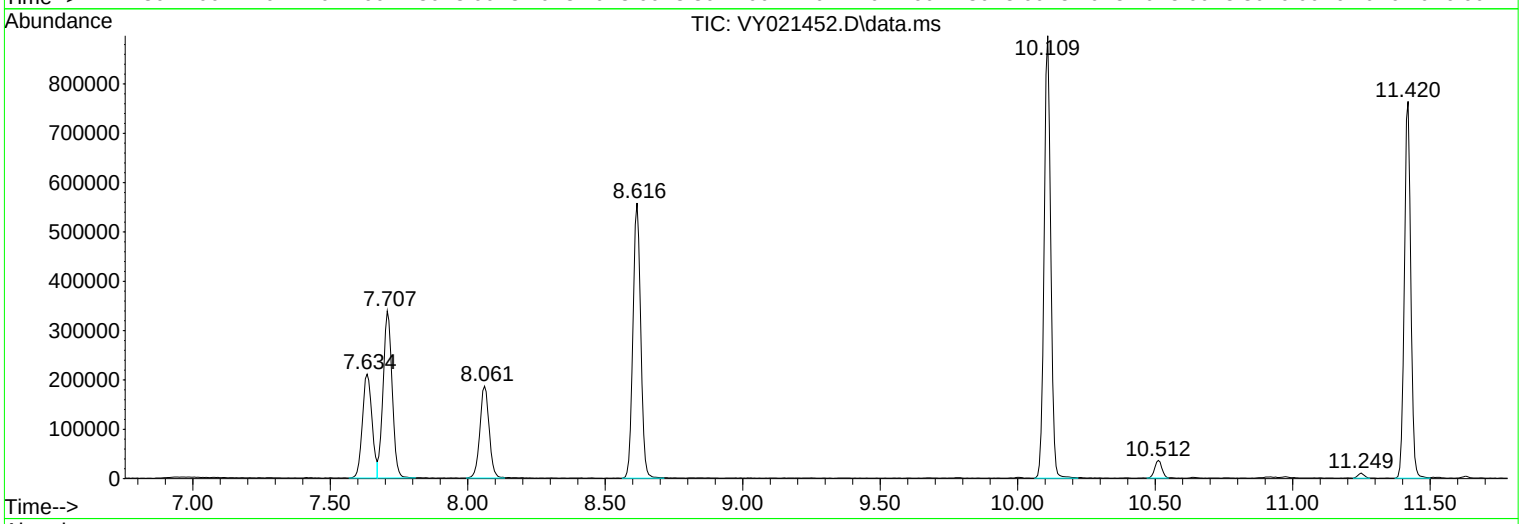
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021452.D
Acq On : 07 Mar 2025 10:35
Operator : SY/MD
Sample : VY0307SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

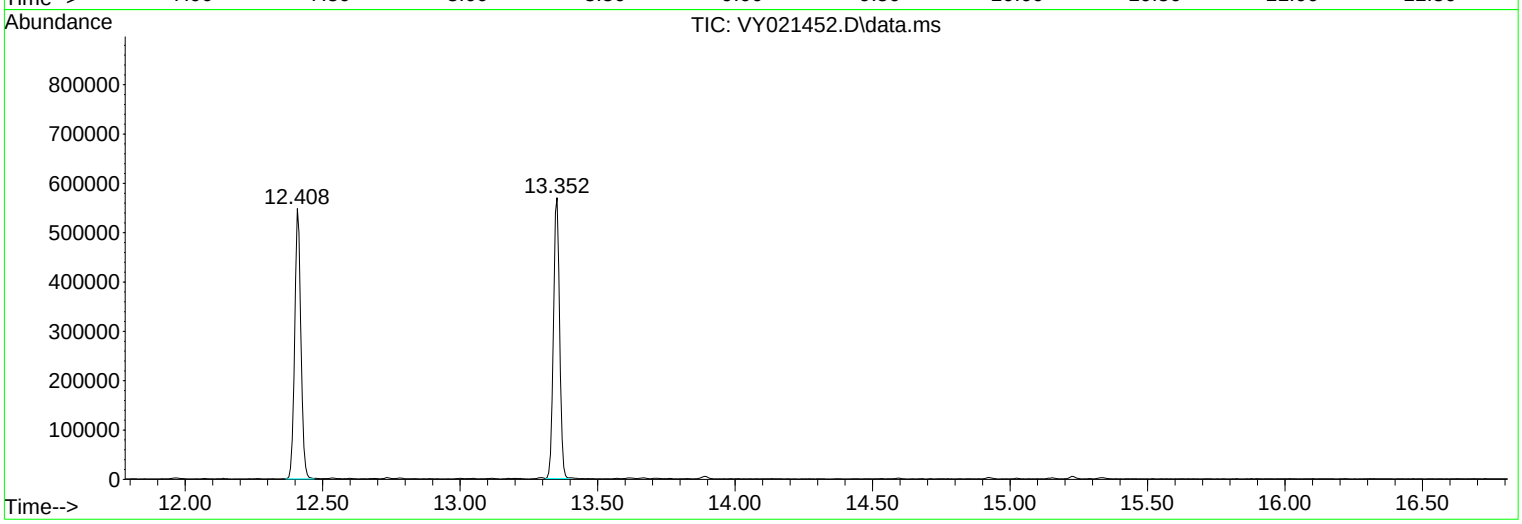
Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021452.D
Acq On : 07 Mar 2025 10:35
Operator : SY/MD
Sample : VY0307SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021452.D
Acq On : 07 Mar 2025 10:35
Operator : SY/MD
Sample : VY0307SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021475.D
Acq On : 11 Mar 2025 10:12
Operator : SY/MD
Sample : VY0311SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Quant Time: Mar 12 01:23:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

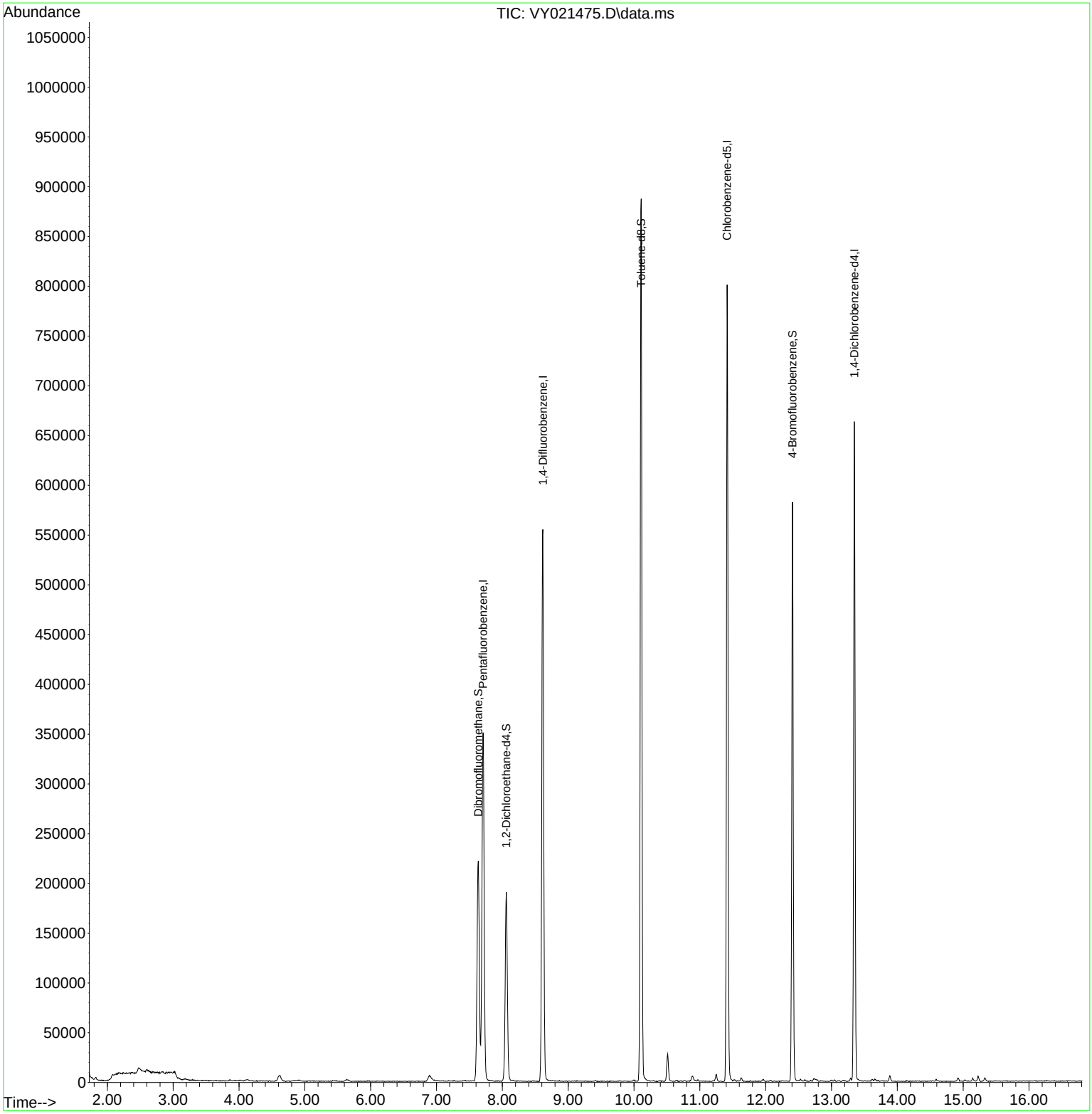
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	266206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	468026	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	406786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	157191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150026	53.321	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.640%			
35) Dibromofluoromethane	7.634	113	155103	50.417	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.840%			
50) Toluene-d8	10.109	98	564540	48.466	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.940%			
62) 4-Bromofluorobenzene	12.408	95	168454	42.515	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.020%			
Target Compounds						Qvalue

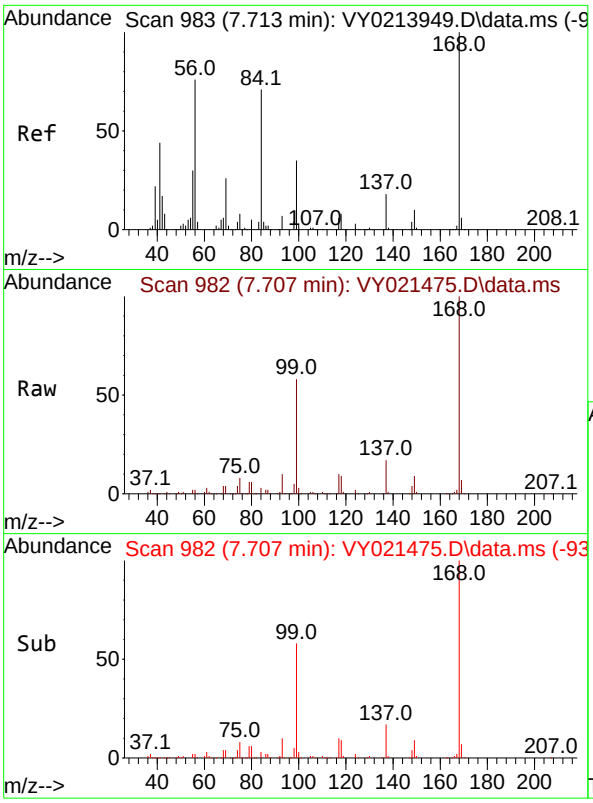
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021475.D
Acq On : 11 Mar 2025 10:12
Operator : SY/MD
Sample : VY0311SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Quant Time: Mar 12 01:23:02 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration



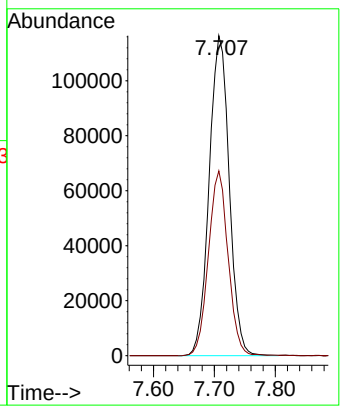


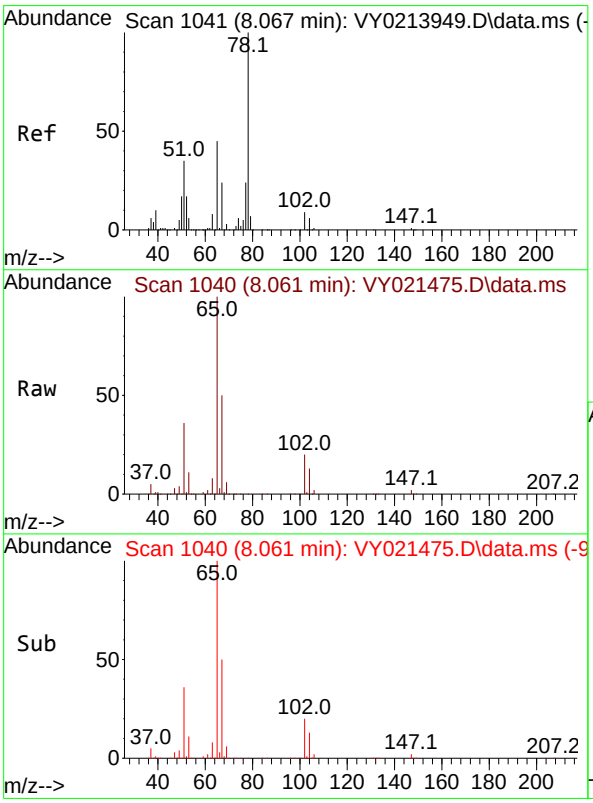
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Tgt Ion:168 Resp: 266206

Ion	Ratio	Lower	Upper
168	100		
99	57.7	46.0	69.0

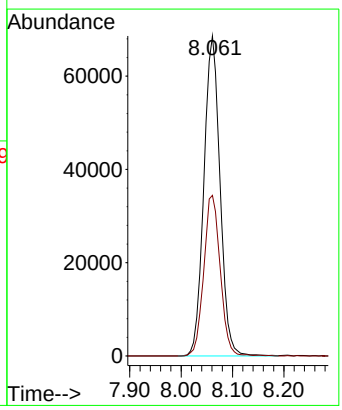


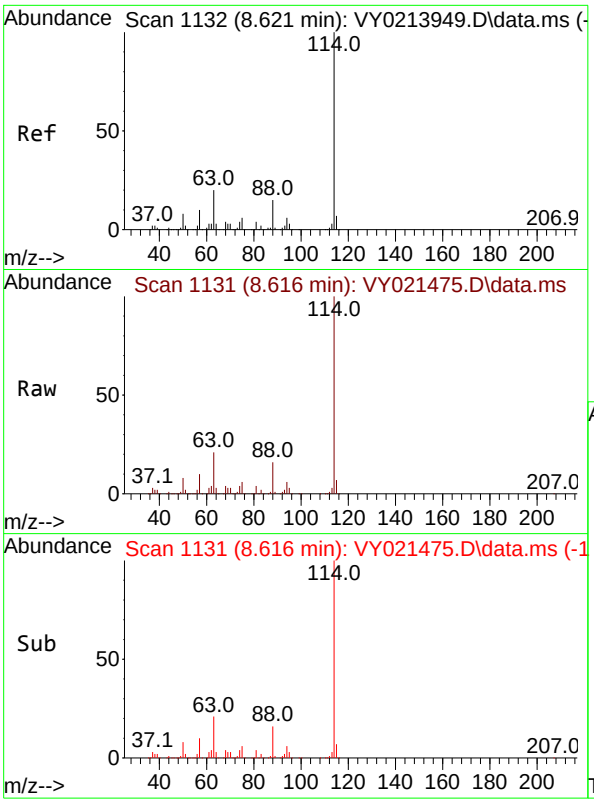


#33
1,2-Dichloroethane-d4
Concen: 53.321 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion: 65 Resp: 150026

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	102.8



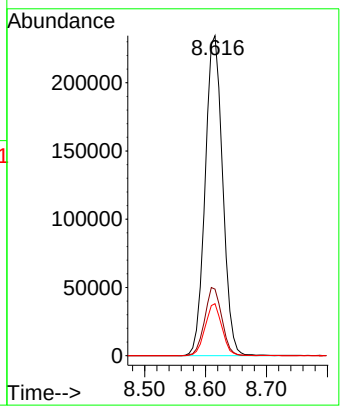


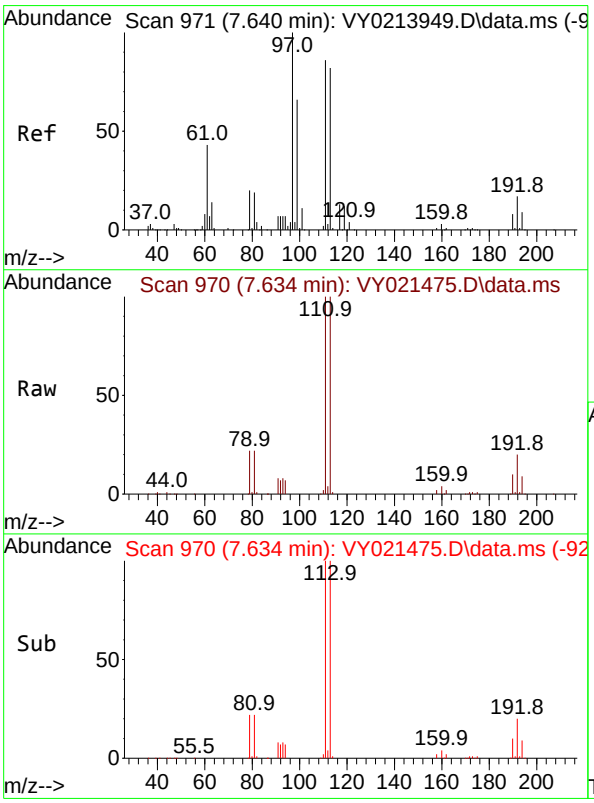
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Tgt Ion:114 Resp: 468026

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.8
88	16.3	0.0	30.8

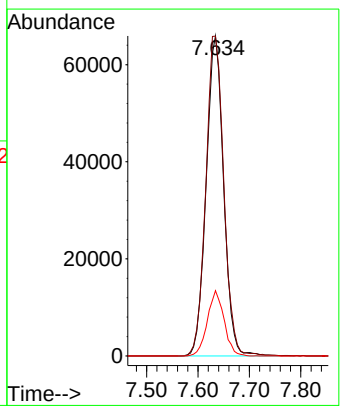


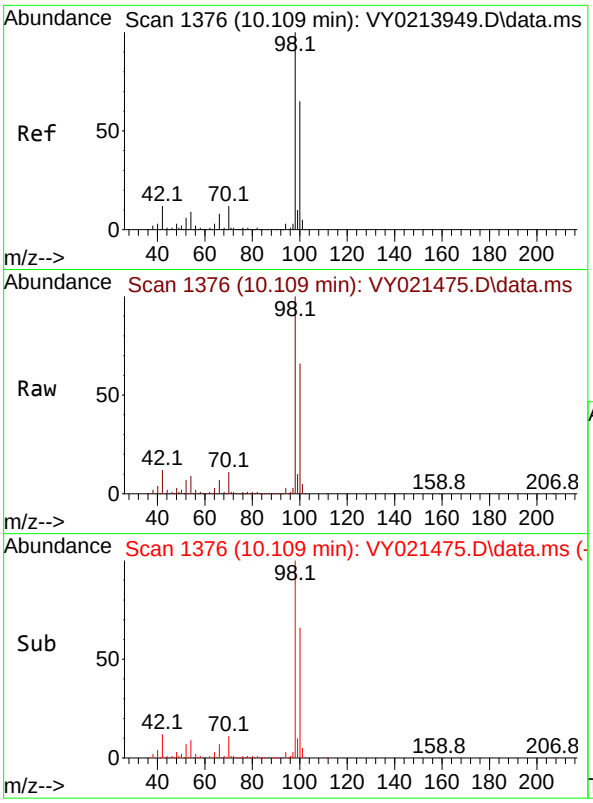


#35
Dibromofluoromethane
Concen: 50.417 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion:113 Resp: 155103

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.0	123.0
192	19.6	15.9	23.9



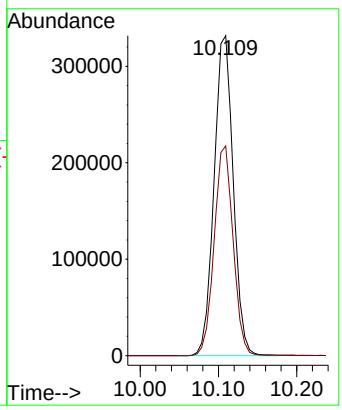


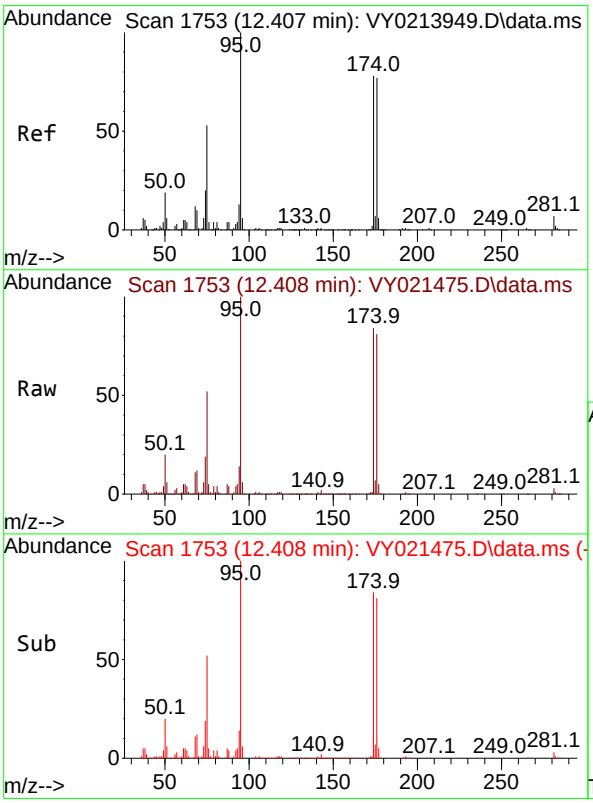
#50
Toluene-d8
Concen: 48.466 ug/l
RT: 10.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Tgt Ion: 98 Resp: 564540

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.1	78.1

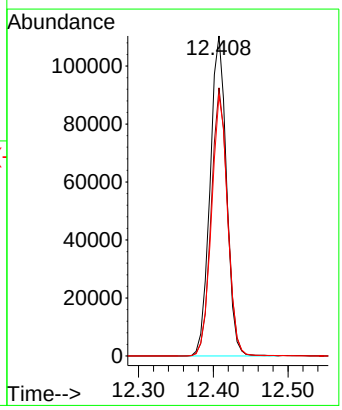


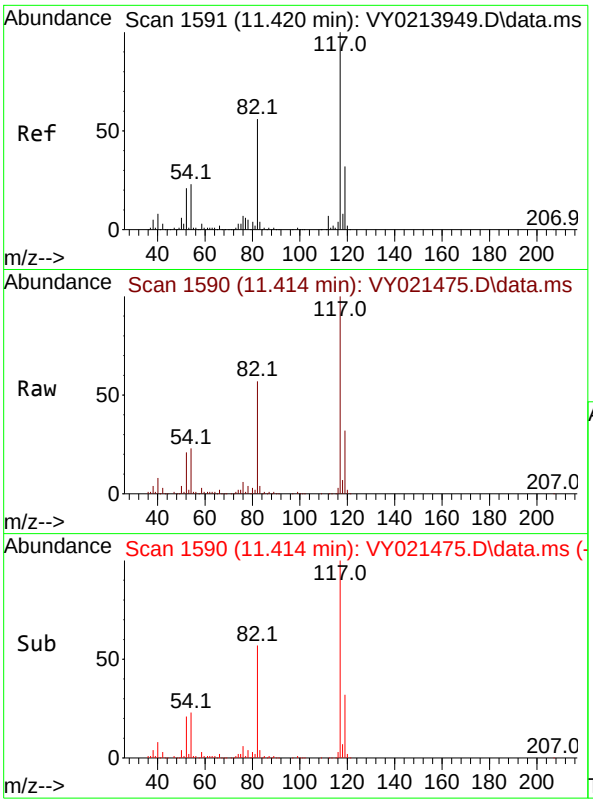


#62
4-Bromofluorobenzene
Concen: 42.515 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion: 95 Resp: 168454

Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	165.0
176	80.3	0.0	160.0



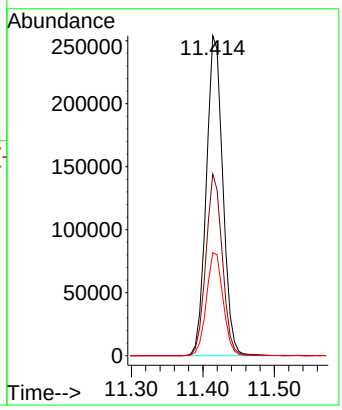


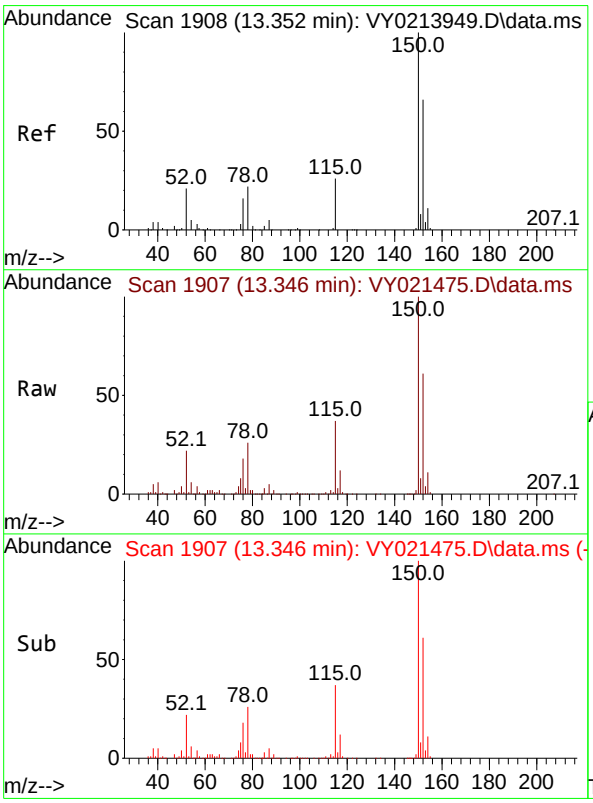
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Tgt Ion:117 Resp: 406786

Ion	Ratio	Lower	Upper
117	100		
82	56.8	44.6	67.0
119	32.1	25.4	38.0

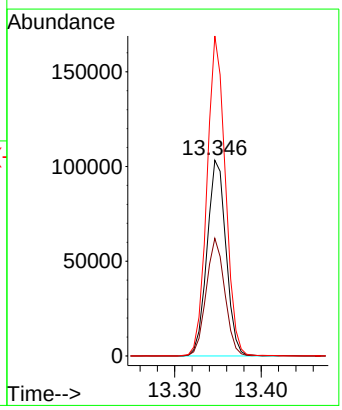




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021475.D
Acq: 11 Mar 2025 10:12

Tgt Ion:152 Resp: 157191

Ion	Ratio	Lower	Upper
152	100		
115	59.1	29.0	87.0
150	158.4	0.0	347.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021475.D
Acq On : 11 Mar 2025 10:12
Operator : SY/MD
Sample : VY0311SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Title : SW846 8260

Signal : TIC: VY021475.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.080	48	59	62	rBV5	5881	15838	1.04%	0.207%
2	7.634	959	970	976	rBV	221263	533509	35.06%	6.959%
3	7.707	976	982	996	rVB	349729	797482	52.41%	10.402%
4	8.061	1027	1040	1051	rBV	190394	436972	28.72%	5.700%
5	8.616	1122	1131	1146	rBV	554486	1117631	73.45%	14.578%
6	10.109	1366	1376	1384	rBV	886650	1521614	100.00%	19.848%
7	10.512	1434	1442	1455	rVB2	27465	51790	3.40%	0.676%
8	11.414	1579	1590	1604	rBV	800721	1294088	85.05%	16.880%
9	12.408	1745	1753	1764	rBV	581940	909363	59.76%	11.862%
10	13.346	1900	1907	1920	rVB	662019	988037	64.93%	12.888%

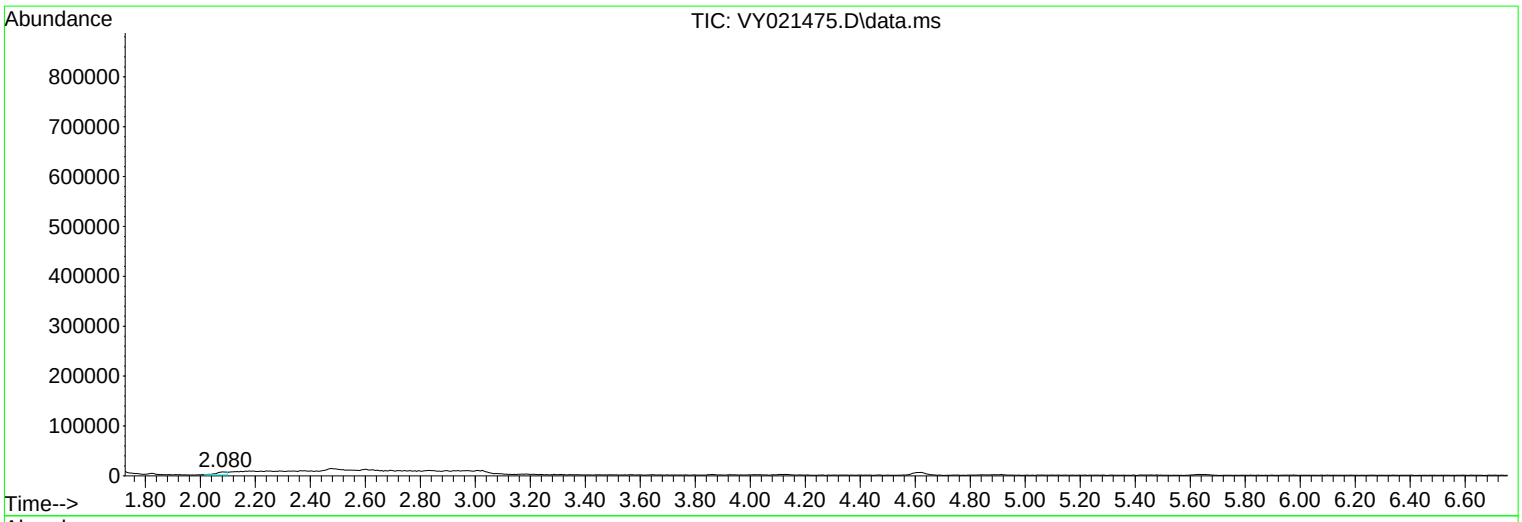
Sum of corrected areas: 7666324

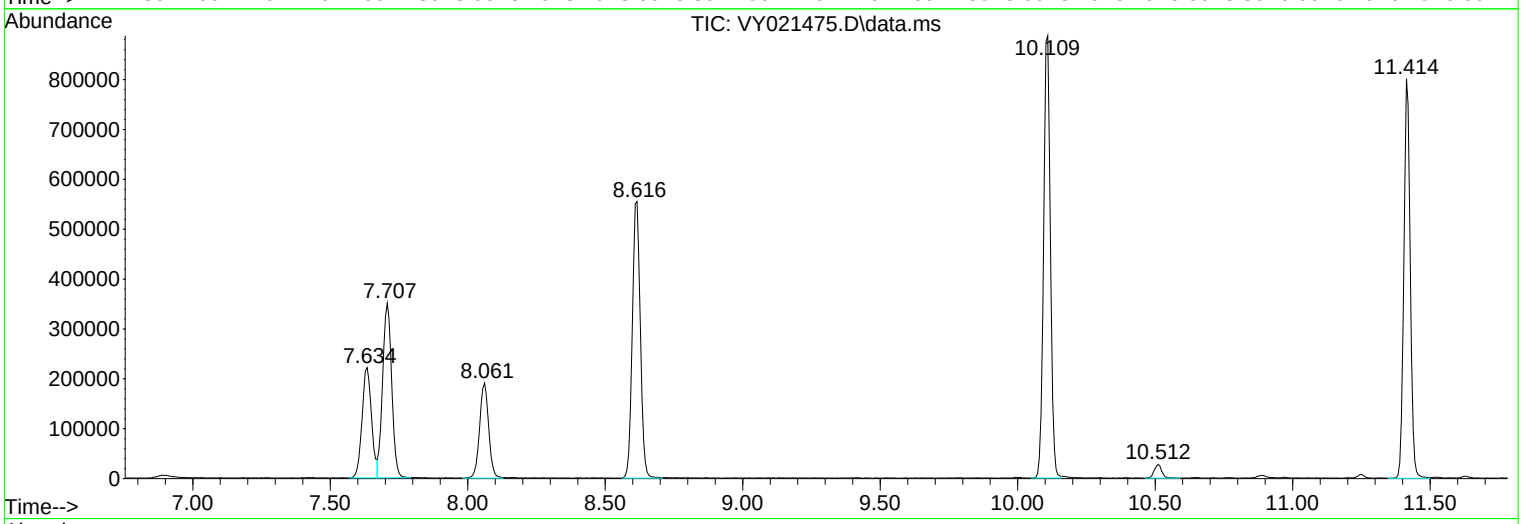
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021475.D
Acq On : 11 Mar 2025 10:12
Operator : SY/MD
Sample : VY0311SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

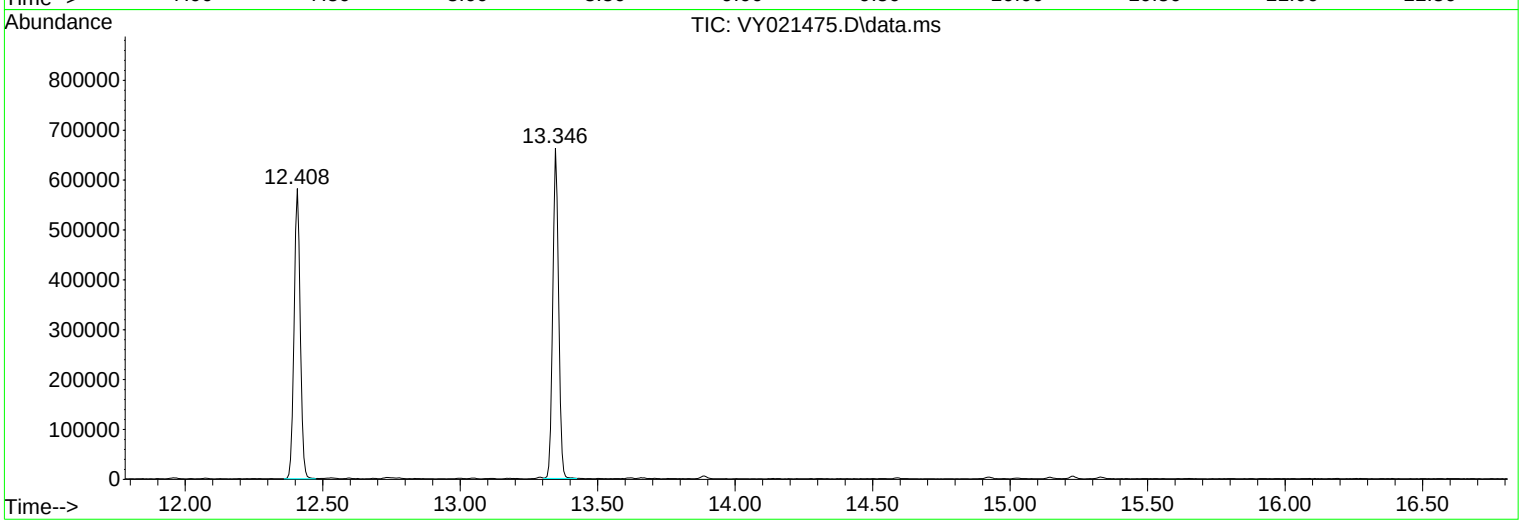
Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021475.D
Acq On : 11 Mar 2025 10:12
Operator : SY/MD
Sample : VY0311SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021475.D
Acq On : 11 Mar 2025 10:12
Operator : SY/MD
Sample : VY0311SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021428.D
Acq On : 06 Mar 2025 12:33
Operator : SY/MD
Sample : VY0306SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 00:39:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/07/2025
Supervised By :Semsettin Yesilyurt 03/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	200172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	318431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	292608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	152176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	112611	53.226	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.460%			
35) Dibromofluoromethane	7.634	113	104961	50.146	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.300%			
50) Toluene-d8	10.109	98	392444	49.519	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.040%			
62) 4-Bromofluorobenzene	12.408	95	136984	50.814	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.620%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	33007	17.969	ug/l	94
3) Chloromethane	2.068	50	52532	20.284	ug/l	98
4) Vinyl Chloride	2.202	62	56741	20.049	ug/l	96
5) Bromomethane	2.592	94	44636	21.822	ug/l	98
6) Chloroethane	2.733	64	39312	21.019	ug/l	98
7) Trichlorofluoromethane	3.056	101	79025	20.005	ug/l	96
8) Diethyl Ether	3.452	74	22647	20.687	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.818	101	44869	19.895	ug/l	96
10) Methyl Iodide	4.007	142	41886	18.270	ug/l	99
11) Tert butyl alcohol	4.866	59	15090	95.800	ug/l	100
12) 1,1-Dichloroethene	3.781	96	39325	19.125	ug/l	93
13) Acrolein	3.647	56	17379	161.496	ug/l	92
14) Allyl chloride	4.385	41	63708	19.172	ug/l	100
15) Acrylonitrile	5.061	53	47217	101.322	ug/l	99
16) Acetone	3.879	43	36769	79.681	ug/l	90
17) Carbon Disulfide	4.104	76	120251	18.661	ug/l	99
18) Methyl Acetate	4.385	43	21063	20.572	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	104134	19.981	ug/l	95
20) Methylene Chloride	4.616	84	46665	19.265	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	44042	19.126	ug/l	94
22) Diisopropyl ether	6.019	45	146814	20.501	ug/l	99
23) Vinyl Acetate	5.964	43	414075	101.317	ug/l	99
24) 1,1-Dichloroethane	5.915	63	85556	20.243	ug/l	99
25) 2-Butanone	6.896	43	59669	93.477	ug/l	100
26) 2,2-Dichloropropane	6.884	77	69379	17.840	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	51434	19.661	ug/l	98
28) Bromochloromethane	7.244	49	36673	20.697	ug/l	98
29) Tetrahydrofuran	7.268	42	40269	102.187	ug/l	99
30) Chloroform	7.421	83	88331	20.126	ug/l	100
31) Cyclohexane	7.701	56	73140	18.459	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	77342	19.246	ug/l	99
36) 1,1-Dichloropropene	7.835	75	61060	18.637	ug/l	99
37) Ethyl Acetate	6.982	43	28431	19.633	ug/l	99
38) Carbon Tetrachloride	7.817	117	69637	18.481	ug/l	96
39) Methylcyclohexane	9.109	83	71256	17.731	ug/l	95
40) Benzene	8.079	78	186841	19.359	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021428.D
Acq On : 06 Mar 2025 12:33
Operator : SY/MD
Sample : VY0306SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 00:39:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/07/2025
Supervised By :Semsettin Yesilyurt 03/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.220	41	16604m	21.058	ug/l		
42) 1,2-Dichloroethane	8.158	62	54457	20.169	ug/l		99
43) Isopropyl Acetate	8.195	43	55820	19.857	ug/l	#	88
44) Trichloroethene	8.866	130	45767	18.765	ug/l		94
45) 1,2-Dichloropropane	9.140	63	46505	20.246	ug/l		96
46) Dibromomethane	9.231	93	26168	20.474	ug/l		97
47) Bromodichloromethane	9.420	83	67190	19.796	ug/l		98
48) Methyl methacrylate	9.219	41	24974	19.347	ug/l		99
49) 1,4-Dioxane	9.225	88	5504	438.744	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.000	43	146138	100.753	ug/l		98
52) Toluene	10.170	92	117027	19.233	ug/l		99
53) t-1,3-Dichloropropene	10.396	75	58703	19.631	ug/l		100
54) cis-1,3-Dichloropropene	9.859	75	68234	19.219	ug/l		97
55) 1,1,2-Trichloroethane	10.573	97	33464	20.016	ug/l		98
56) Ethyl methacrylate	10.438	69	41900	19.651	ug/l		97
57) 1,3-Dichloropropane	10.719	76	58893	20.324	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.713	63	107422	109.136	ug/l		98
59) 2-Hexanone	10.762	43	94061	98.075	ug/l		98
60) Dibromochloromethane	10.914	129	45747	19.959	ug/l		98
61) 1,2-Dibromoethane	11.018	107	31502	19.965	ug/l		100
64) Tetrachloroethene	10.646	164	43645	18.343	ug/l		99
65) Chlorobenzene	11.444	112	128656	18.619	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.518	131	45244	18.520	ug/l		99
67) Ethyl Benzene	11.518	91	216170	17.824	ug/l		99
68) m/p-Xylenes	11.633	106	168512	36.598	ug/l		100
69) o-Xylene	11.957	106	77025	18.151	ug/l		100
70) Styrene	11.969	104	130672	18.561	ug/l		99
71) Bromoform	12.133	173	25622	18.762	ug/l	#	97
73) Isopropylbenzene	12.255	105	205378	17.133	ug/l		100
74) N-amyl acetate	12.072	43	47083	18.086	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	39820	18.824	ug/l		100
76) 1,2,3-Trichloropropane	12.560	75	28901m	18.847	ug/l		
77) Bromobenzene	12.536	156	49192	17.541	ug/l		99
78) n-propylbenzene	12.597	91	254198	17.461	ug/l		100
79) 2-Chlorotoluene	12.682	91	146854	17.642	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	173931	17.854	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	12183	18.061	ug/l		96
82) 4-Chlorotoluene	12.780	91	154146	17.882	ug/l		100
83) tert-Butylbenzene	12.999	119	149456	17.198	ug/l		100
84) 1,2,4-Trimethylbenzene	13.048	105	173214	17.908	ug/l		98
85) sec-Butylbenzene	13.176	105	224638	17.373	ug/l		100
86) p-Isopropyltoluene	13.292	119	186440	17.502	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	98755	17.691	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	98346	18.014	ug/l		99
89) n-Butylbenzene	13.621	91	171737	17.459	ug/l		99
90) Hexachloroethane	13.883	117	39531	17.395	ug/l		100
91) 1,2-Dichlorobenzene	13.664	146	87199	18.225	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6144	19.390	ug/l		92
93) 1,2,4-Trichlorobenzene	14.925	180	45266	17.321	ug/l		98
94) Hexachlorobutadiene	15.029	225	29954	18.285	ug/l		99
95) Naphthalene	15.145	128	71743	18.264	ug/l		99
96) 1,2,3-Trichlorobenzene	15.334	180	38134	17.350	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021428.D
Acq On : 06 Mar 2025 12:33
Operator : SY/MD
Sample : VY0306SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 00:39:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/07/2025
Supervised By :Semsettin Yesilyurt 03/07/2025

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

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

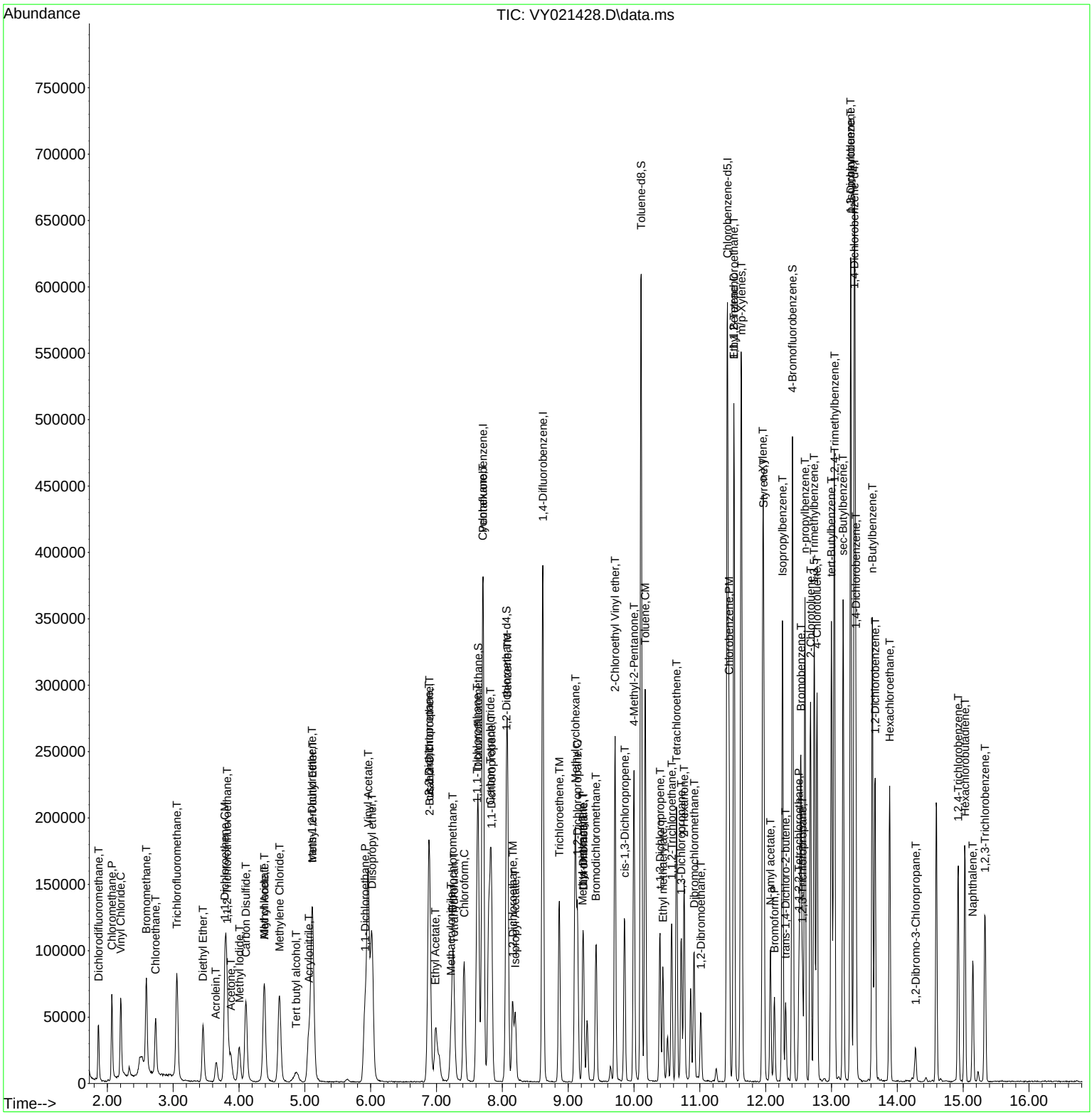
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021428.D
Acq On : 06 Mar 2025 12:33
Operator : SY/MD
Sample : VY0306SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 07 00:39:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/07/2025
Supervised By :Semsettin Yesilyurt 03/07/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021453.D
Acq On : 07 Mar 2025 12:03
Operator : SY/MD
Sample : VY0307SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 07 22:00:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	219868	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	343563	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	301562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	152803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	123341	53.076	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.160%			
35) Dibromofluoromethane	7.634	113	117478	52.021	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.040%			
50) Toluene-d8	10.109	98	444032	51.930	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.860%			
62) 4-Bromofluorobenzene	12.408	95	148084	50.913	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.820%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	39418	19.537	ug/l	94
3) Chloromethane	2.068	50	57411	20.182	ug/l	98
4) Vinyl Chloride	2.202	62	64302	20.685	ug/l	96
5) Bromomethane	2.592	94	46339	20.625	ug/l	96
6) Chloroethane	2.732	64	44175	21.504	ug/l	97
7) Trichlorofluoromethane	3.056	101	94934	21.880	ug/l	95
8) Diethyl Ether	3.452	74	23849	19.834	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.818	101	49349	19.921	ug/l	99
10) Methyl Iodide	4.007	142	48739	19.355	ug/l	100
11) Tert butyl alcohol	4.872	59	18258	108.044	ug/l	99
12) 1,1-Dichloroethene	3.787	96	43870	19.424	ug/l	97
13) Acrolein	3.647	56	16580	140.270	ug/l	95
14) Allyl chloride	4.385	41	70258	19.249	ug/l	99
15) Acrylonitrile	5.061	53	50908	99.456	ug/l	98
16) Acetone	3.866	43	58595	115.604	ug/l	96
17) Carbon Disulfide	4.104	76	133704	18.890	ug/l	99
18) Methyl Acetate	4.385	43	23025	20.473	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	110998	19.390	ug/l	99
20) Methylene Chloride	4.616	84	54760	20.582	ug/l	95
21) trans-1,2-Dichloroethene	5.116	96	49678	19.641	ug/l	95
22) Diisopropyl ether	6.018	45	157929	20.078	ug/l	99
23) Vinyl Acetate	5.957	43	450639	100.386	ug/l	99
24) 1,1-Dichloroethane	5.915	63	91407	19.690	ug/l	99
25) 2-Butanone	6.896	43	75161	107.199	ug/l	99
26) 2,2-Dichloropropane	6.884	77	82994	19.429	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	54488	18.963	ug/l	98
28) Bromochloromethane	7.244	49	37442	19.238	ug/l	99
29) Tetrahydrofuran	7.262	42	44158	102.018	ug/l	97
30) Chloroform	7.421	83	95944	19.903	ug/l	99
31) Cyclohexane	7.701	56	82128	18.870	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	86978	19.705	ug/l	99
36) 1,1-Dichloropropene	7.835	75	68637	19.417	ug/l	98
37) Ethyl Acetate	6.982	43	31592	20.220	ug/l	97
38) Carbon Tetrachloride	7.817	117	79070	19.449	ug/l	96
39) Methylcyclohexane	9.109	83	81593	18.818	ug/l	99
40) Benzene	8.079	78	202793	19.475	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021453.D
Acq On : 07 Mar 2025 12:03
Operator : SY/MD
Sample : VY0307SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 07 22:00:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.226	41	17773m	20.892	ug/l		
42) 1,2-Dichloroethane	8.158	62	57755	19.826	ug/l		100
43) Isopropyl Acetate	8.195	43	59917	19.755	ug/l	#	87
44) Trichloroethene	8.865	130	50339	19.130	ug/l		99
45) 1,2-Dichloropropane	9.140	63	49619	20.021	ug/l		97
46) Dibromomethane	9.231	93	27131	19.675	ug/l		99
47) Bromodichloromethane	9.426	83	71823	19.613	ug/l		99
48) Methyl methacrylate	9.219	41	27630	19.839	ug/l		98
49) 1,4-Dioxane	9.237	88	5803	428.740	ug/l		95
51) 4-Methyl-2-Pentanone	9.999	43	157126	100.404	ug/l		98
52) Toluene	10.170	92	128919	19.637	ug/l		98
53) t-1,3-Dichloropropene	10.396	75	62838	19.476	ug/l		97
54) cis-1,3-Dichloropropene	9.859	75	73636	19.223	ug/l		96
55) 1,1,2-Trichloroethane	10.573	97	35572	19.720	ug/l		96
56) Ethyl methacrylate	10.438	69	44620	19.396	ug/l		100
57) 1,3-Dichloropropane	10.719	76	60936	19.491	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.713	63	107568	101.290	ug/l		99
59) 2-Hexanone	10.762	43	109553	105.872	ug/l		98
60) Dibromochloromethane	10.914	129	47870	19.358	ug/l		99
61) 1,2-Dibromoethane	11.018	107	33437	19.641	ug/l		97
64) Tetrachloroethene	10.646	164	48058	19.598	ug/l		98
65) Chlorobenzene	11.444	112	135015	18.959	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.517	131	48814	19.388	ug/l		100
67) Ethyl Benzene	11.517	91	238496	19.081	ug/l		99
68) m/p-Xylenes	11.627	106	184669	38.916	ug/l		99
69) o-Xylene	11.956	106	83621	19.120	ug/l		99
70) Styrene	11.969	104	140205	19.324	ug/l		99
71) Bromoform	12.133	173	28337	20.134	ug/l	#	98
73) Isopropylbenzene	12.255	105	227722	18.919	ug/l		100
74) N-amyl acetate	12.072	43	49116	18.789	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.505	83	41732	19.647	ug/l		100
76) 1,2,3-Trichloropropane	12.554	75	30660m	19.912	ug/l		
77) Bromobenzene	12.536	156	51851	18.413	ug/l		98
78) n-propylbenzene	12.597	91	280785	19.208	ug/l		100
79) 2-Chlorotoluene	12.682	91	159129	19.038	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	187183	19.136	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.304	75	13174	19.450	ug/l		95
82) 4-Chlorotoluene	12.779	91	166239	19.206	ug/l		100
83) tert-Butylbenzene	12.999	119	163102	18.691	ug/l		98
84) 1,2,4-Trimethylbenzene	13.048	105	185591	19.109	ug/l		100
85) sec-Butylbenzene	13.176	105	249181	19.192	ug/l		100
86) p-Isopropyltoluene	13.292	119	202582	18.939	ug/l		100
87) 1,3-Dichlorobenzene	13.292	146	105372	18.798	ug/l		99
88) 1,4-Dichlorobenzene	13.371	146	104875	19.131	ug/l		98
89) n-Butylbenzene	13.621	91	186240	18.856	ug/l		99
90) Hexachloroethane	13.883	117	43553	19.087	ug/l		98
91) 1,2-Dichlorobenzene	13.663	146	91257	18.995	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	6311	19.835	ug/l		90
93) 1,2,4-Trichlorobenzene	14.925	180	47173	17.977	ug/l		97
94) Hexachlorobutadiene	15.029	225	31456	19.123	ug/l		99
95) Naphthalene	15.151	128	74806	18.887	ug/l		100
96) 1,2,3-Trichlorobenzene	15.334	180	39961	18.107	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021453.D
Acq On : 07 Mar 2025 12:03
Operator : SY/MD
Sample : VY0307SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 07 22:00:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025

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

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

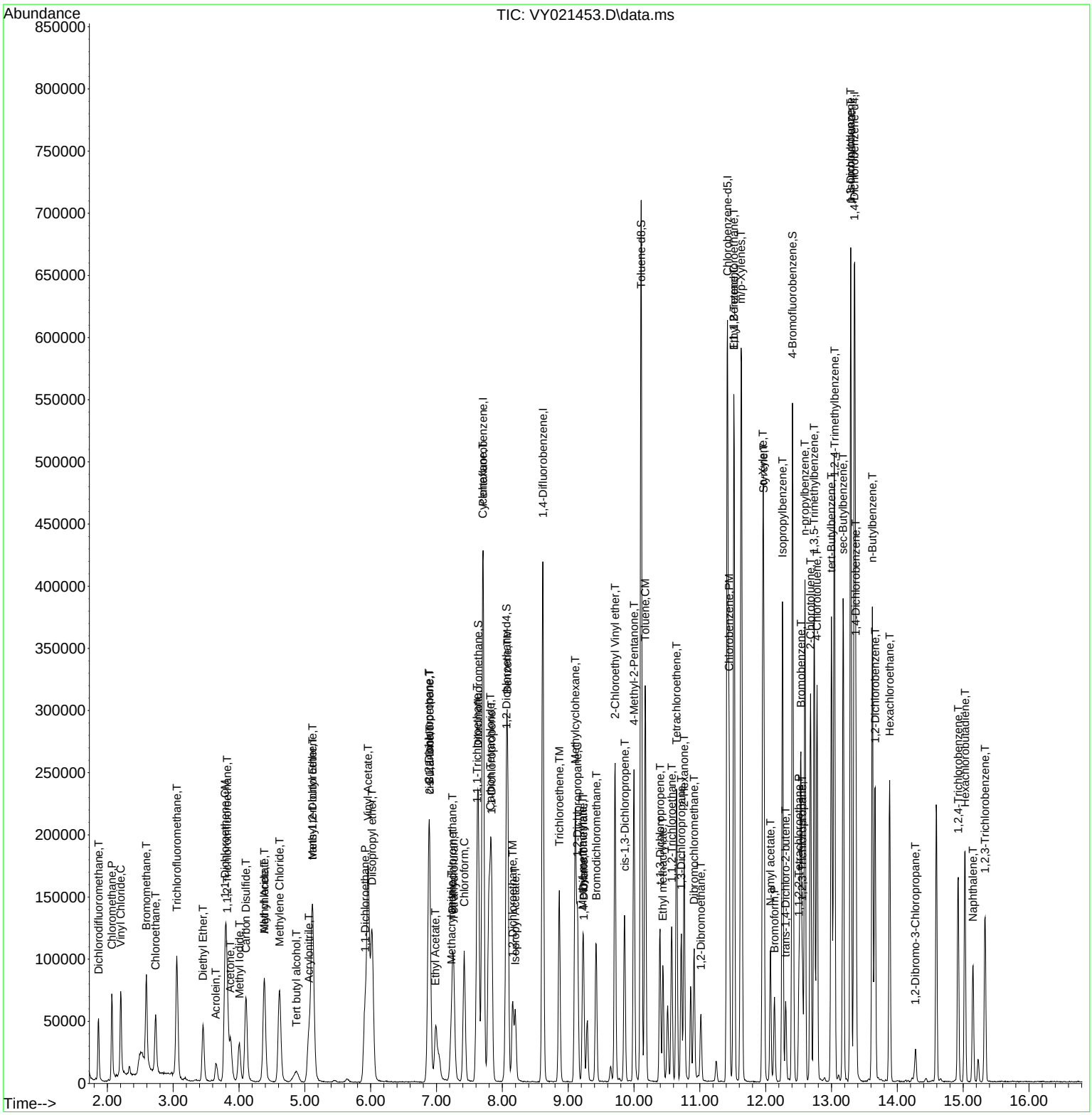
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
Data File : VY021453.D
Acq On : 07 Mar 2025 12:03
Operator : SY/MD
Sample : VY0307SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 07 22:00:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0307SBS01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/11/2025
Supervised By :Semsettin Yesilyurt 03/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021476.D
Acq On : 11 Mar 2025 11:03
Operator : SY/MD
Sample : VY0311SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 01:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	225793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	350967	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.414	117	312829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	125150	52.441	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.880%			
35) Dibromofluoromethane	7.634	113	122087	52.921	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.840%			
50) Toluene-d8	10.103	98	456082	52.214	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.420%			
62) 4-Bromofluorobenzene	12.407	95	155886	52.465	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 104.920%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	36522	17.626	ug/l	98
3) Chloromethane	2.068	50	57141	19.560	ug/l	98
4) Vinyl Chloride	2.202	62	63319	19.835	ug/l	96
5) Bromomethane	2.586	94	44828	19.429	ug/l	96
6) Chloroethane	2.732	64	45130	21.392	ug/l	98
7) Trichlorofluoromethane	3.049	101	92591	20.780	ug/l	98
8) Diethyl Ether	3.452	74	21657	17.538	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.811	101	44702	17.571	ug/l	97
10) Methyl Iodide	4.000	142	49215	19.031	ug/l	99
11) Tert butyl alcohol	4.848	59	14756	79.754	ug/l #	72
12) 1,1-Dichloroethene	3.781	96	41993	18.105	ug/l	93
13) Acrolein	3.653	56	14894	122.699	ug/l	92
14) Allyl chloride	4.378	41	67368	17.973	ug/l	99
15) Acrylonitrile	5.055	53	47717	90.776	ug/l	98
16) Acetone	3.860	43	60913	117.024	ug/l	93
17) Carbon Disulfide	4.098	76	128022	17.612	ug/l	100
18) Methyl Acetate	4.385	43	21593	18.696	ug/l	97
19) Methyl tert-butyl Ether	5.110	73	101276	17.228	ug/l	97
20) Methylene Chloride	4.610	84	49393	18.077	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	46396	17.862	ug/l	98
22) Diisopropyl ether	6.018	45	149058	18.453	ug/l	94
23) Vinyl Acetate	5.957	43	402758	87.365	ug/l	99
24) 1,1-Dichloroethane	5.909	63	88873	18.641	ug/l	99
25) 2-Butanone	6.884	43	71454	99.237	ug/l	95
26) 2,2-Dichloropropane	6.878	77	79429	18.107	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	53763	18.219	ug/l	99
28) Bromochloromethane	7.238	49	39070	19.547	ug/l	99
29) Tetrahydrofuran	7.262	42	38712	87.089	ug/l	99
30) Chloroform	7.414	83	94319	19.052	ug/l	92
31) Cyclohexane	7.695	56	74535	16.676	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	83652	18.454	ug/l	99
36) 1,1-Dichloropropene	7.829	75	64167	17.769	ug/l	98
37) Ethyl Acetate	6.975	43	28552	17.889	ug/l	97
38) Carbon Tetrachloride	7.811	117	74788	18.008	ug/l	99
39) Methylcyclohexane	9.109	83	74823	16.892	ug/l	98
40) Benzene	8.073	78	194135	18.250	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021476.D
Acq On : 11 Mar 2025 11:03
Operator : SY/MD
Sample : VY0311SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 01:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.213	41	15407m	17.728	ug/l		
42) 1,2-Dichloroethane	8.152	62	53330	17.921	ug/l		98
43) Isopropyl Acetate	8.195	43	53006	17.108	ug/l	#	89
44) Trichloroethene	8.865	130	49991	18.597	ug/l		100
45) 1,2-Dichloropropane	9.140	63	46136	18.223	ug/l		97
46) Dibromomethane	9.225	93	26271	18.649	ug/l		100
47) Bromodichloromethane	9.420	83	69491	18.575	ug/l		100
48) Methyl methacrylate	9.219	41	24238	17.036	ug/l		98
49) 1,4-Dioxane	9.219	88	5395	390.187	ug/l	#	95
51) 4-Methyl-2-Pentanone	9.999	43	140438	87.848	ug/l		98
52) Toluene	10.170	92	122381	18.248	ug/l		99
53) t-1,3-Dichloropropene	10.390	75	59746	18.127	ug/l		97
54) cis-1,3-Dichloropropene	9.853	75	70322	17.971	ug/l		97
55) 1,1,2-Trichloroethane	10.572	97	33841	18.365	ug/l		96
56) Ethyl methacrylate	10.438	69	40054	17.044	ug/l		99
57) 1,3-Dichloropropane	10.719	76	57273	17.933	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.707	63	99189	91.430	ug/l		98
59) 2-Hexanone	10.761	43	103124	97.556	ug/l		99
60) Dibromochloromethane	10.908	129	45567	18.038	ug/l		99
61) 1,2-Dibromoethane	11.011	107	31157	17.915	ug/l		99
64) Tetrachloroethene	10.646	164	49633	19.511	ug/l		95
65) Chlorobenzene	11.438	112	132210	17.897	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.517	131	47893	18.337	ug/l		99
67) Ethyl Benzene	11.517	91	226668	17.481	ug/l		98
68) m/p-Xylenes	11.627	106	177439	36.046	ug/l		100
69) o-Xylene	11.956	106	79371	17.495	ug/l		98
70) Styrene	11.969	104	133951	17.797	ug/l		99
71) Bromoform	12.133	173	25988	17.800	ug/l	#	97
73) Isopropylbenzene	12.255	105	218412	17.074	ug/l		99
74) N-amyl acetate	12.072	43	44220	15.917	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.505	83	37463	16.596	ug/l		97
76) 1,2,3-Trichloropropane	12.554	75	32127m	19.633	ug/l		
77) Bromobenzene	12.535	156	52645	17.591	ug/l		97
78) n-propylbenzene	12.596	91	266301	17.141	ug/l		99
79) 2-Chlorotoluene	12.682	91	154633	17.407	ug/l		99
80) 1,3,5-Trimethylbenzene	12.737	105	183525	17.654	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.304	75	11100	15.420	ug/l		98
82) 4-Chlorotoluene	12.779	91	163638	17.789	ug/l		100
83) tert-Butylbenzene	12.999	119	159271	17.174	ug/l		99
84) 1,2,4-Trimethylbenzene	13.041	105	179459	17.387	ug/l		99
85) sec-Butylbenzene	13.176	105	236192	17.117	ug/l		100
86) p-Isopropyltoluene	13.291	119	197171	17.345	ug/l		99
87) 1,3-Dichlorobenzene	13.285	146	104308	17.510	ug/l		99
88) 1,4-Dichlorobenzene	13.365	146	103420	17.751	ug/l		99
89) n-Butylbenzene	13.621	91	182353	17.372	ug/l		99
90) Hexachloroethane	13.883	117	41489	17.108	ug/l		99
91) 1,2-Dichlorobenzene	13.657	146	90389	17.703	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	5802	17.158	ug/l		96
93) 1,2,4-Trichlorobenzene	14.925	180	50841	18.230	ug/l		99
94) Hexachlorobutadiene	15.023	225	32185	18.411	ug/l		98
95) Naphthalene	15.145	128	73881	17.695	ug/l		100
96) 1,2,3-Trichlorobenzene	15.328	180	42109	17.953	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021476.D
Acq On : 11 Mar 2025 11:03
Operator : SY/MD
Sample : VY0311SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 01:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

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

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

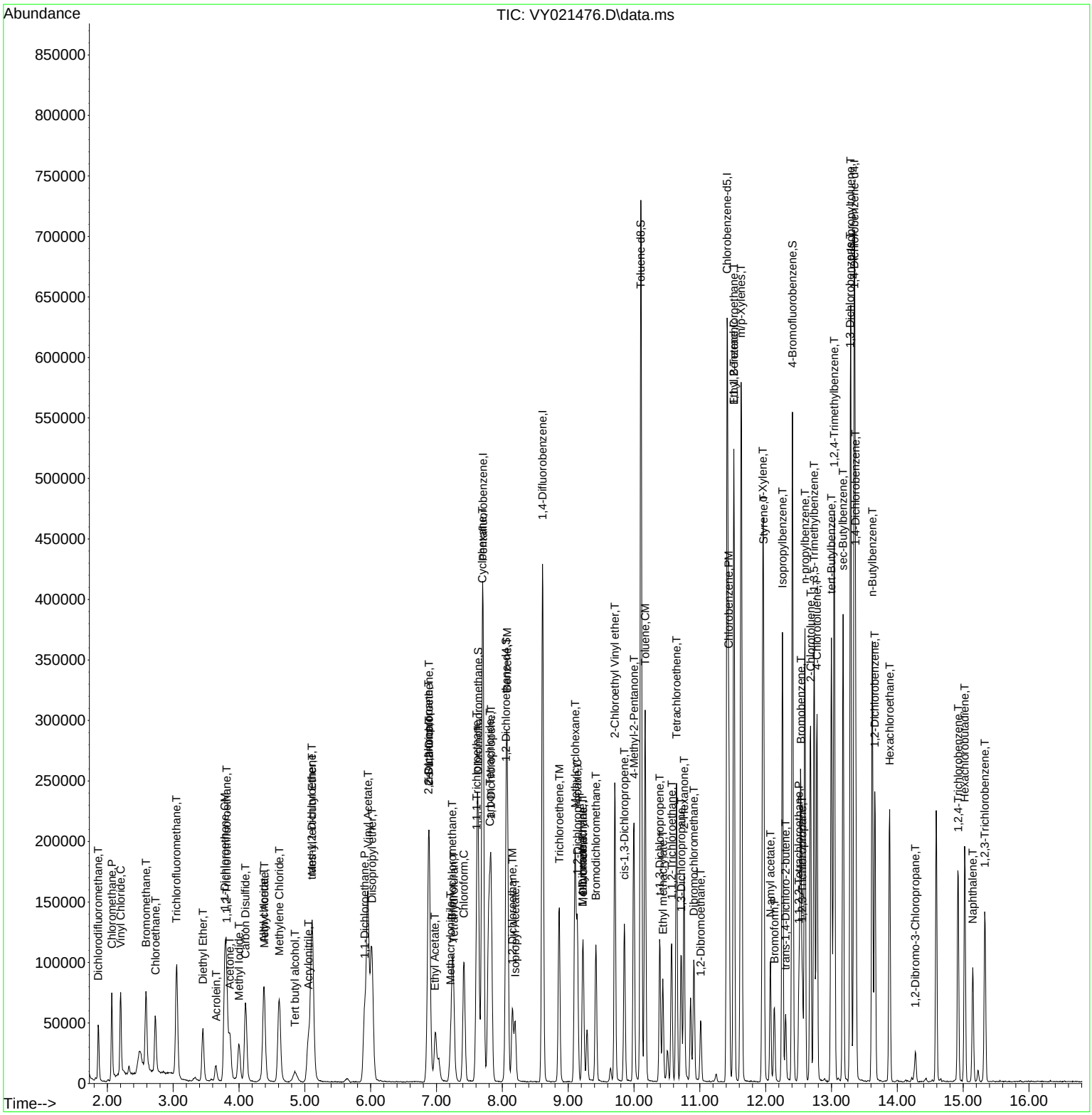
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031125\
Data File : VY021476.D
Acq On : 11 Mar 2025 11:03
Operator : SY/MD
Sample : VY0311SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 12 01:23:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0311SBS01

Manual Integrations APPROVED

Reviewed By :Romaben Patel 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021429.D
Acq On : 06 Mar 2025 12:55
Operator : SY/MD
Sample : VY0306SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 00:39:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/07/2025
Supervised By :Semsettin Yesilyurt 03/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.707	168	197190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	317024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	284896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	145541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	114552	54.963	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.920%			
35) Dibromofluoromethane	7.634	113	108456	52.046	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.100%			
50) Toluene-d8	10.103	98	405827	51.435	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.860%			
62) 4-Bromofluorobenzene	12.408	95	141225	52.620	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.861	85	35558	19.650	ug/l	96
3) Chloromethane	2.068	50	52949	20.755	ug/l	96
4) Vinyl Chloride	2.202	62	58685	21.049	ug/l	99
5) Bromomethane	2.586	94	42039	20.863	ug/l	95
6) Chloroethane	2.733	64	40824	22.158	ug/l	94
7) Trichlorofluoromethane	3.056	101	80838	20.774	ug/l	96
8) Diethyl Ether	3.452	74	22347	20.722	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.812	101	43988	19.799	ug/l	99
10) Methyl Iodide	4.001	142	44089	19.522	ug/l	100
11) Tert butyl alcohol	4.860	59	17013	113.220	ug/l #	72
12) 1,1-Dichloroethene	3.787	96	40773	20.129	ug/l	98
13) Acrolein	3.653	56	17122	161.514	ug/l	96
14) Allyl chloride	4.385	41	65445	19.993	ug/l	98
15) Acrylonitrile	5.055	53	48263	105.132	ug/l	99
16) Acetone	3.867	43	37789	83.130	ug/l	92
17) Carbon Disulfide	4.104	76	123987	19.532	ug/l	100
18) Methyl Acetate	4.385	43	21520	21.336	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	104712	20.396	ug/l	99
20) Methylene Chloride	4.616	84	48615	20.374	ug/l	93
21) trans-1,2-Dichloroethene	5.110	96	45523	20.068	ug/l	91
22) Diisopropyl ether	6.019	45	148861	21.102	ug/l	97
23) Vinyl Acetate	5.958	43	418814	104.026	ug/l	98
24) 1,1-Dichloroethane	5.915	63	85283	20.483	ug/l	98
25) 2-Butanone	6.890	43	59932	95.309	ug/l	97
26) 2,2-Dichloropropane	6.884	77	70954	18.521	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	51954	20.160	ug/l	99
28) Bromochloromethane	7.244	49	33556	19.224	ug/l	98
29) Tetrahydrofuran	7.256	42	40277	103.753	ug/l	99
30) Chloroform	7.415	83	91972	21.273	ug/l	96
31) Cyclohexane	7.701	56	73337	18.788	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	79136	19.991	ug/l	99
36) 1,1-Dichloropropene	7.835	75	62244	19.082	ug/l	98
37) Ethyl Acetate	6.988	43	29173	20.235	ug/l	97
38) Carbon Tetrachloride	7.817	117	70264	18.730	ug/l	98
39) Methylcyclohexane	9.110	83	72710	18.173	ug/l	99
40) Benzene	8.079	78	190921	19.869	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021429.D
Acq On : 06 Mar 2025 12:55
Operator : SY/MD
Sample : VY0306SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 00:39:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/07/2025
Supervised By :Semsettin Yesilyurt 03/07/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.214	41	15276	19.460 ug/l	95
42) 1,2-Dichloroethane	8.152	62	54960	20.446 ug/l	99
43) Isopropyl Acetate	8.195	43	54803	19.581 ug/l #	88
44) Trichloroethene	8.866	130	46195	19.025 ug/l	93
45) 1,2-Dichloropropane	9.140	63	46832	20.478 ug/l	95
46) Dibromomethane	9.231	93	25456	20.006 ug/l	98
47) Bromodichloromethane	9.420	83	68125	20.160 ug/l	99
48) Methyl methacrylate	9.219	41	24350	18.947 ug/l	95
49) 1,4-Dioxane	9.225	88	5487	439.330 ug/l #	93
51) 4-Methyl-2-Pentanone	10.000	43	145575	100.811 ug/l	98
52) Toluene	10.170	92	119217	19.680 ug/l	100
53) t-1,3-Dichloropropene	10.390	75	57714	19.386 ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	68787	19.461 ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	33986	20.418 ug/l	94
56) Ethyl methacrylate	10.439	69	41790	19.686 ug/l	98
57) 1,3-Dichloropropane	10.719	76	59572	20.650 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	105149	107.301 ug/l	98
59) 2-Hexanone	10.762	43	92172	96.532 ug/l	98
60) Dibromochloromethane	10.908	129	45450	19.918 ug/l	100
61) 1,2-Dibromoethane	11.012	107	31489	20.045 ug/l	100
64) Tetrachloroethene	10.646	164	43602	18.821 ug/l	97
65) Chlorobenzene	11.438	112	128907	19.161 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	45704	19.215 ug/l	98
67) Ethyl Benzene	11.518	91	220217	18.649 ug/l	99
68) m/p-Xylenes	11.627	106	169502	37.809 ug/l	98
69) o-Xylene	11.957	106	77803	18.830 ug/l	99
70) Styrene	11.969	104	133689	19.504 ug/l	99
71) Bromoform	12.127	173	26030	19.577 ug/l #	100
73) Isopropylbenzene	12.255	105	208083	18.150 ug/l	99
74) N-amyl acetate	12.066	43	47561	19.102 ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	38365	18.963 ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	28008m	19.097 ug/l	
77) Bromobenzene	12.530	156	50969	19.003 ug/l	100
78) n-propylbenzene	12.597	91	256602	18.429 ug/l	100
79) 2-Chlorotoluene	12.682	91	149480	18.776 ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	171567	18.415 ug/l	99
81) trans-1,4-Dichloro-2-b...	12.298	75	11197	17.356 ug/l	94
82) 4-Chlorotoluene	12.780	91	153440	18.612 ug/l	99
83) tert-Butylbenzene	12.999	119	155498	18.709 ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	175877	19.013 ug/l	99
85) sec-Butylbenzene	13.176	105	227701	18.413 ug/l	100
86) p-Isopropyltoluene	13.292	119	187268	18.381 ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	98798	18.505 ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	99121	18.984 ug/l	99
89) n-Butylbenzene	13.621	91	171306	18.209 ug/l	99
90) Hexachloroethane	13.877	117	39511	18.179 ug/l	97
91) 1,2-Dichlorobenzene	13.658	146	87985	19.228 ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5795	19.122 ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	46812	18.729 ug/l	97
94) Hexachlorobutadiene	15.023	225	30717	19.606 ug/l	96
95) Naphthalene	15.145	128	72201	19.111 ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	39613	18.844 ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021429.D
Acq On : 06 Mar 2025 12:55
Operator : SY/MD
Sample : VY0306SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 00:39:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/07/2025
Supervised By :Semsettin Yesilyurt 03/07/2025

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

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

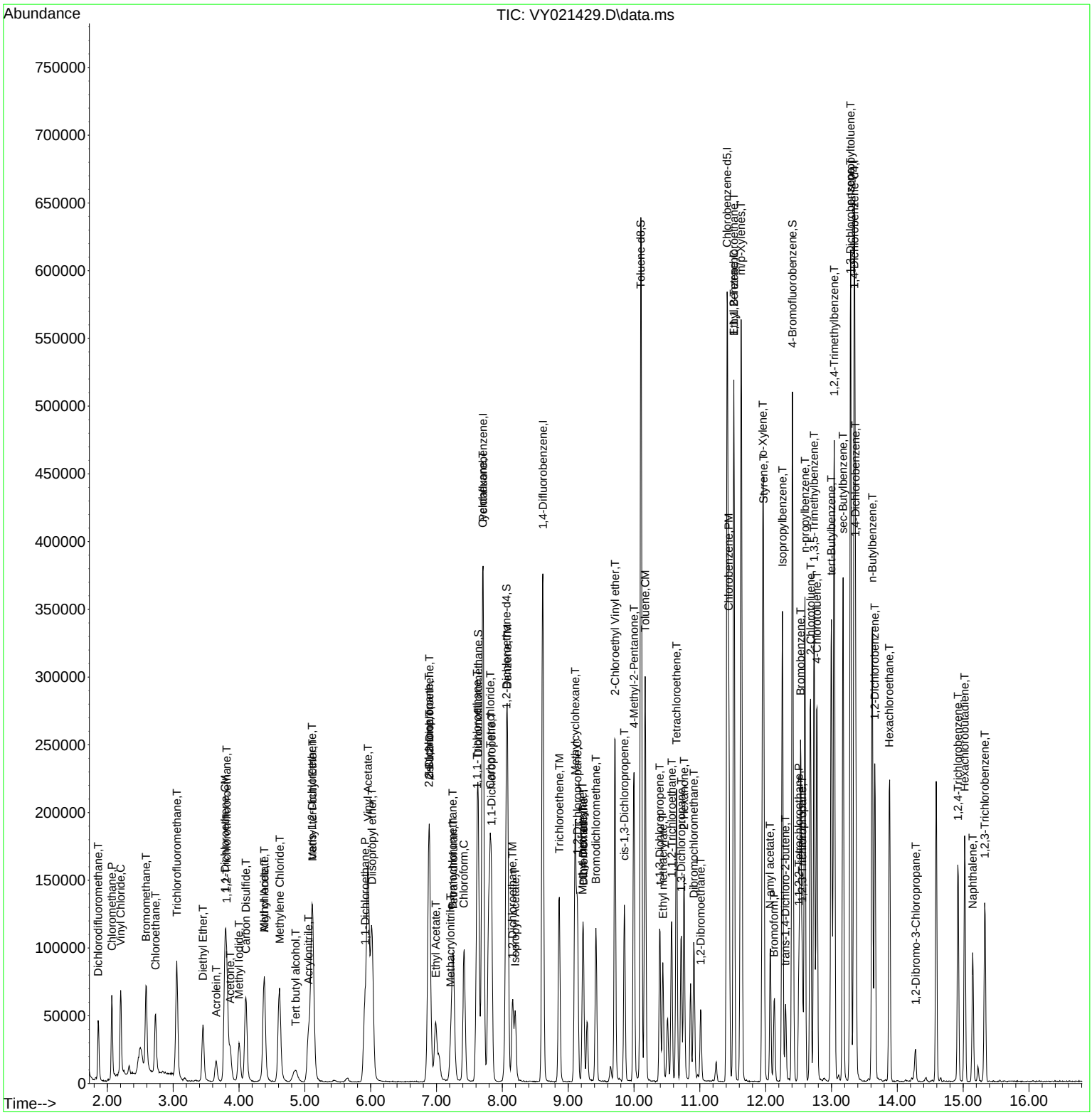
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030625\
Data File : VY021429.D
Acq On : 06 Mar 2025 12:55
Operator : SY/MD
Sample : VY0306SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 07 00:39:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 05 12:42:45 2025
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0306SBSD01

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/07/2025
Supervised By :Semsettin Yesilyurt 03/07/2025



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Manual Integration Report

Sequence:	VY030425	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC010	VY021397.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:34 PM	SAM	3/6/2025 3:00:08 PM	Peak Integrated by Software
VSTDICC010	VY021397.D	Methacrylonitrile	MMDadoda	3/6/2025 2:55:34 PM	SAM	3/6/2025 3:00:08 PM	Peak Integrated by Software
VSTDICC010	VY021397.D	Tert butyl alcohol	MMDadoda	3/6/2025 2:55:34 PM	SAM	3/6/2025 3:00:08 PM	Peak Integrated by Software
VSTDICC020	VY021398.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:33 PM	SAM	3/6/2025 3:00:07 PM	Peak Integrated by Software
VSTDICC020	VY021398.D	Ethyl Acetate	MMDadoda	3/6/2025 2:55:33 PM	SAM	3/6/2025 3:00:07 PM	Peak Integrated by Software
VSTDICCC050	VY021399.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:35 PM	SAM	3/6/2025 3:00:06 PM	Peak Integrated by Software
VSTDICC100	VY021400.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:49 PM	SAM	3/6/2025 3:00:09 PM	Peak Integrated by Software
VSTDICC150	VY021401.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:42 PM	SAM	3/6/2025 3:00:14 PM	Peak Integrated by Software
VSTDICC005	VY021403.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:43 PM	SAM	3/6/2025 3:00:17 PM	Peak Integrated by Software
VSTDICC005	VY021403.D	Ethyl Acetate	MMDadoda	3/6/2025 2:55:43 PM	SAM	3/6/2025 3:00:17 PM	Peak Integrated by Software
VSTDICV050	VY021404.D	1,2,3-Trichloropropane	MMDadoda	3/6/2025 2:55:47 PM	SAM	3/6/2025 3:00:16 PM	Peak Integrated by Software
VSTDICV050	VY021404.D	Methacrylonitrile	MMDadoda	3/6/2025 2:55:47 PM	SAM	3/6/2025 3:00:16 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VY030425	Instrument	MSVOA_y

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

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Manual Integration Report

Sequence:	vy030625	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021426.D	1,2,3-Trichloropropane	MMDadoda	3/7/2025 1:32:05 PM	SAM	3/7/2025 1:32:48 PM	Peak Integrated by Software
VY0306SBS01	VY021428.D	1,2,3-Trichloropropane	MMDadoda	3/7/2025 1:32:09 PM	SAM	3/7/2025 1:32:48 PM	Peak Integrated by Software
VY0306SBS01	VY021428.D	Methacrylonitrile	MMDadoda	3/7/2025 1:32:09 PM	SAM	3/7/2025 1:32:48 PM	Peak Integrated by Software
VY0306SBSD01	VY021429.D	1,2,3-Trichloropropane	MMDadoda	3/7/2025 1:32:03 PM	SAM	3/7/2025 1:32:48 PM	Peak Integrated by Software
VSTDCCC050	VY021449.D	1,2,3-Trichloropropane	MMDadoda	3/7/2025 1:31:54 PM	SAM	3/7/2025 1:32:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy030725	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021451.D	1,2,3-Trichloropropane	MMDadoda	3/11/2025 2:51:32 PM	SAM	3/11/2025 2:52:15 PM	Peak Integrated by Software
VY0307SBS01	VY021453.D	1,2,3-Trichloropropane	MMDadoda	3/11/2025 2:51:33 PM	SAM	3/11/2025 2:52:16 PM	Peak Integrated by Software
VY0307SBS01	VY021453.D	Methacrylonitrile	MMDadoda	3/11/2025 2:51:33 PM	SAM	3/11/2025 2:52:16 PM	Peak Integrated by Software
Q1463-03	VY021455.D	1,2-Dichloroethane-d4	MMDadoda	3/11/2025 2:51:36 PM	SAM	3/11/2025 2:52:21 PM	Peak Integrated by Software
Q1463-03	VY021455.D	1,4-Difluorobenzene	MMDadoda	3/11/2025 2:51:36 PM	SAM	3/11/2025 2:52:21 PM	Peak Integrated by Software
Q1463-03	VY021455.D	Dibromofluoromethane	MMDadoda	3/11/2025 2:51:36 PM	SAM	3/11/2025 2:52:21 PM	Peak Integrated by Software
Q1463-03	VY021455.D	Pentafluorobenzene	MMDadoda	3/11/2025 2:51:36 PM	SAM	3/11/2025 2:52:21 PM	Peak Integrated by Software
Q1463-03	VY021455.D	Toluene	MMDadoda	3/11/2025 2:51:36 PM	SAM	3/11/2025 2:52:21 PM	Peak Integrated by Software
Q1463-03	VY021455.D	Toluene-d8	MMDadoda	3/11/2025 2:51:36 PM	SAM	3/11/2025 2:52:21 PM	Peak Integrated by Software
VSTDCCC050	VY021472.D	1,2,3-Trichloropropane	MMDadoda	3/11/2025 2:51:41 PM	SAM	3/11/2025 2:52:26 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vy031125	Instrument	MSVOA_y

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VY021474.D	1,2,3-Trichloropropane	Romaben	3/12/2025 2:41:38 PM	MMDadoda	3/12/2025 3:16:21 PM	Peak Integrated by Software
VY0311SBS01	VY021476.D	1,2,3-Trichloropropane	Romaben	3/12/2025 2:41:42 PM	MMDadoda	3/12/2025 3:16:22 PM	Peak Integrated by Software
VY0311SBS01	VY021476.D	Methacrylonitrile	Romaben	3/12/2025 2:41:42 PM	MMDadoda	3/12/2025 3:16:22 PM	Peak Integrated by Software
Q1463-02	VY021478.D	1,2-Dichloroethane-d4	Romaben	3/12/2025 2:41:50 PM	MMDadoda	3/12/2025 3:16:25 PM	Peak Integrated by Software
Q1463-02	VY021478.D	1,4-Difluorobenzene	Romaben	3/12/2025 2:41:50 PM	MMDadoda	3/12/2025 3:16:25 PM	Peak Integrated by Software
Q1463-02	VY021478.D	Dibromofluoromethane	Romaben	3/12/2025 2:41:50 PM	MMDadoda	3/12/2025 3:16:25 PM	Peak Integrated by Software
Q1463-02	VY021478.D	Methylene Chloride	Romaben	3/12/2025 2:41:50 PM	MMDadoda	3/12/2025 3:16:25 PM	Peak Integrated by Software
Q1463-02	VY021478.D	Pentafluorobenzene	Romaben	3/12/2025 2:41:50 PM	MMDadoda	3/12/2025 3:16:25 PM	Peak Integrated by Software
Q1463-02	VY021478.D	Toluene	Romaben	3/12/2025 2:41:50 PM	MMDadoda	3/12/2025 3:16:25 PM	Peak Integrated by Software
Q1463-02	VY021478.D	Toluene-d8	Romaben	3/12/2025 2:41:50 PM	MMDadoda	3/12/2025 3:16:25 PM	Peak Integrated by Software
VSTDCCC050	VY021499.D	1,2,3-Trichloropropane	Romaben	3/12/2025 2:42:03 PM	MMDadoda	3/12/2025 3:16:30 PM	Peak Integrated by Software

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030425

Review By	Mahesh Dadoda	Review On	3/5/2025 12:14:39 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	3/5/2025 12:18:08 PM				
SubDirectory	VY030425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133216
Initial Calibration Stds	VP133207,VP133208,VP133209,VP133210,VP133211,VP133212
CCC	VP133214,VP133215
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133213
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VY021395.D	04 Mar 2025 08:52	SY/MD	Ok
2	VSTDICC005	VY021396.D	04 Mar 2025 09:23	SY/MD	Not Ok
3	VSTDICC010	VY021397.D	04 Mar 2025 09:46	SY/MD	Ok,M
4	VSTDICC020	VY021398.D	04 Mar 2025 10:09	SY/MD	Ok,M
5	VSTDICCC050	VY021399.D	04 Mar 2025 10:30	SY/MD	Ok,M
6	VSTDICC100	VY021400.D	04 Mar 2025 11:06	SY/MD	Ok,M
7	VSTDICC150	VY021401.D	04 Mar 2025 11:29	SY/MD	Ok,M
8	VIBLK	VY021402.D	04 Mar 2025 11:52	SY/MD	Ok
9	VSTDICC005	VY021403.D	04 Mar 2025 12:15	SY/MD	Ok,M
10	VSTDICV050	VY021404.D	04 Mar 2025 13:12	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030625

Review By	Mahesh Dadoda	Review On	3/7/2025 1:32:16 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/7/2025 1:32:53 PM		
SubDirectory	VY030625	HP Acquire Method		HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133223
Initial Calibration Stds	
CCC	VP133224,VP133225
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	VY021425.D	06 Mar 2025 09:39	SY/MD	Ok
2	VSTDCCC050	VY021426.D	06 Mar 2025 10:10	SY/MD	Ok,M
3	VY0306SBL01	VY021427.D	06 Mar 2025 11:59	SY/MD	Ok
4	VY0306SBS01	VY021428.D	06 Mar 2025 12:33	SY/MD	Ok,M
5	VY0306SBSD01	VY021429.D	06 Mar 2025 12:55	SY/MD	Ok,M
6	Q1489-05	VY021430.D	06 Mar 2025 13:28	SY/MD	Ok
7	Q1489-01	VY021431.D	06 Mar 2025 13:52	SY/MD	Not Ok
8	Q1421-09	VY021432.D	06 Mar 2025 14:15	SY/MD	Ok
9	Q1479-01	VY021433.D	06 Mar 2025 14:39	SY/MD	Ok
10	Q1479-02	VY021434.D	06 Mar 2025 15:02	SY/MD	ReRun
11	Q1488-01	VY021435.D	06 Mar 2025 15:25	SY/MD	Ok
12	Q1488-03	VY021436.D	06 Mar 2025 15:49	SY/MD	Ok
13	Q1488-05	VY021437.D	06 Mar 2025 16:12	SY/MD	Ok
14	Q1488-07	VY021438.D	06 Mar 2025 16:36	SY/MD	Not Ok
15	Q1488-09	VY021439.D	06 Mar 2025 16:59	SY/MD	ReRun
16	Q1488-11	VY021440.D	06 Mar 2025 17:22	SY/MD	Not Ok
17	Q1463-01	VY021441.D	06 Mar 2025 17:46	SY/MD	Ok
18	Q1463-05	VY021442.D	06 Mar 2025 18:09	SY/MD	Ok
19	Q1463-04	VY021443.D	06 Mar 2025 18:33	SY/MD	Ok
20	Q1463-06	VY021444.D	06 Mar 2025 18:56	SY/MD	Ok
21	Q1463-07	VY021445.D	06 Mar 2025 19:20	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030625

Review By	Mahesh Dadoda	Review On	3/7/2025 1:32:16 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/7/2025 1:32:53 PM		
SubDirectory	VY030625	HP Acquire Method		HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133223
Initial Calibration Stds	
CCC	VP133224,VP133225
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1463-08	VY021446.D	06 Mar 2025 19:43	SY/MD	Ok
23	Q1463-09	VY021447.D	06 Mar 2025 20:06	SY/MD	Ok
24	Q1463-10	VY021448.D	06 Mar 2025 20:30	SY/MD	ReRun
25	VSTDCCC050	VY021449.D	06 Mar 2025 21:15	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030725

Review By	Mahesh Dadoda	Review On	3/11/2025 2:51:48 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	3/11/2025 2:52:31 PM				
SubDirectory	VY030725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133232
Initial Calibration Stds	
CCC	VP133233,VP133234
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	VY021450.D	07 Mar 2025 09:27	SY/MD	Ok
2	VSTDCCC050	VY021451.D	07 Mar 2025 09:59	SY/MD	Ok,M
3	VY0307SBL01	VY021452.D	07 Mar 2025 10:35	SY/MD	Ok
4	VY0307SBS01	VY021453.D	07 Mar 2025 12:03	SY/MD	Ok,M
5	VY0307SBSD01	VY021454.D	07 Mar 2025 12:26	SY/MD	Ok,M
6	Q1463-03	VY021455.D	07 Mar 2025 12:55	SY/MD	Ok,M
7	Q1479-02	VY021456.D	07 Mar 2025 13:18	SY/MD	Ok,M
8	Q1463-02	VY021457.D	07 Mar 2025 13:42	SY/MD	ReRun
9	Q1463-10	VY021458.D	07 Mar 2025 14:05	SY/MD	Ok
10	Q1488-07	VY021459.D	07 Mar 2025 14:28	SY/MD	Ok,M
11	Q1488-09	VY021460.D	07 Mar 2025 14:52	SY/MD	Ok
12	Q1488-11	VY021461.D	07 Mar 2025 15:15	SY/MD	Ok
13	Q1514-01	VY021462.D	07 Mar 2025 15:39	SY/MD	ReRun
14	Q1514-03	VY021463.D	07 Mar 2025 16:02	SY/MD	ReRun
15	Q1514-05	VY021464.D	07 Mar 2025 16:25	SY/MD	ReRun
16	Q1515-02	VY021465.D	07 Mar 2025 16:49	SY/MD	Ok
17	Q1507-01	VY021466.D	07 Mar 2025 17:12	SY/MD	Not Ok
18	Q1508-01	VY021467.D	07 Mar 2025 17:36	SY/MD	ReRun
19	Q1494-05	VY021468.D	07 Mar 2025 17:59	SY/MD	Ok
20	Q1494-03	VY021469.D	07 Mar 2025 18:23	SY/MD	Ok
21	Q1494-07	VY021470.D	07 Mar 2025 18:46	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030725

Review By	Mahesh Dadoda	Review On	3/11/2025 2:51:48 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	3/11/2025 2:52:31 PM				
SubDirectory	VY030725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133232
Initial Calibration Stds	
CCC	VP133233,VP133234
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1490-01	VY021471.D	07 Mar 2025 19:09	SY/MD	Not Ok
23	VSTDCCC050	VY021472.D	07 Mar 2025 19:32	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY031125

Review By	Mahesh Dadoda	Review On	3/12/2025 3:16:35 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/12/2025 3:17:58 PM		
SubDirectory	VY031125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133241
Initial Calibration Stds	
CCC	VP133242,VP133243
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	VY021473.D	11 Mar 2025 09:00	SY/MD	Ok
2	VSTDCCC050	VY021474.D	11 Mar 2025 09:42	SY/MD	Ok,M
3	VY0311SBL01	VY021475.D	11 Mar 2025 10:12	SY/MD	Ok
4	VY0311SBS01	VY021476.D	11 Mar 2025 11:03	SY/MD	Ok,M
5	VY0311SBSD01	VY021477.D	11 Mar 2025 11:26	SY/MD	Ok,M
6	Q1463-02	VY021478.D	11 Mar 2025 12:01	SY/MD	Ok,M
7	Q1507-01	VY021479.D	11 Mar 2025 12:24	SY/MD	Not Ok
8	Q1514-05	VY021480.D	11 Mar 2025 12:48	SY/MD	Ok
9	Q1514-03	VY021481.D	11 Mar 2025 13:11	SY/MD	Ok
10	Q1514-01	VY021482.D	11 Mar 2025 13:35	SY/MD	Ok
11	Q1515-02	VY021483.D	11 Mar 2025 13:58	SY/MD	Not Ok
12	Q1508-01RE	VY021484.D	11 Mar 2025 14:21	SY/MD	Confirms
13	Q1535-01	VY021485.D	11 Mar 2025 14:45	SY/MD	Not Ok
14	Q1524-01	VY021486.D	11 Mar 2025 15:08	SY/MD	ReRun
15	Q1524-02	VY021487.D	11 Mar 2025 15:32	SY/MD	ReRun
16	Q1494-05	VY021488.D	11 Mar 2025 15:55	SY/MD	Not Ok
17	Q1524-01RE	VY021489.D	11 Mar 2025 16:18	SY/MD	Confirms
18	Q1524-02RE	VY021490.D	11 Mar 2025 16:42	SY/MD	Confirms
19	Q1494-03	VY021491.D	11 Mar 2025 17:05	SY/MD	Not Ok
20	Q1494-07	VY021492.D	11 Mar 2025 17:29	SY/MD	Not Ok
21	Q1508-01	VY021493.D	11 Mar 2025 17:52	SY/MD	Not Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY031125

Review By	Mahesh Dadoda	Review On	3/12/2025 3:16:35 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	3/12/2025 3:17:58 PM				
SubDirectory	VY031125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP133241
Initial Calibration Stds	
CCC	VP133242,VP133243
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1534-02	VY021494.D	11 Mar 2025 18:16	SY/MD	Ok
23	Q1534-08	VY021495.D	11 Mar 2025 18:39	SY/MD	Ok
24	Q1534-14	VY021496.D	11 Mar 2025 19:02	SY/MD	Ok
25	Q1534-20	VY021497.D	11 Mar 2025 19:26	SY/MD	Ok
26	VY0311SBS02	VY021498.D	11 Mar 2025 19:49	SY/MD	Not Ok
27	VSTDCCC050	VY021499.D	11 Mar 2025 20:11	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030425

Review By	Mahesh Dadoda	Review On	3/5/2025 12:14:39 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/5/2025 12:18:08 PM		
SubDirectory	VY030425	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133216
Initial Calibration Stds	VP133207,VP133208,VP133209,VP133210,VP133211,VP133212
CCC	VP133214,VP133215
Internal Standard/PEM	VP131783
ICV/I.BLK	VP133213
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr #	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VY021395.D	04 Mar 2025 08:52		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VY021396.D	04 Mar 2025 09:23	not used	SY/MD	Not Ok
3	VSTDICC010	VSTDICC010	VY021397.D	04 Mar 2025 09:46		SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VY021398.D	04 Mar 2025 10:09	Comp.#11 is on Linear Regression	SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VY021399.D	04 Mar 2025 10:30	Comp.#95 is on Quadratic Regression	SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VY021400.D	04 Mar 2025 11:06		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VY021401.D	04 Mar 2025 11:29	Method fail for comp.#13	SY/MD	Ok,M
8	VIBLK	VIBLK	VY021402.D	04 Mar 2025 11:52		SY/MD	Ok
9	VSTDICC005	VSTDICC005	VY021403.D	04 Mar 2025 12:15		SY/MD	Ok,M
10	VSTDICV050	ICVVY030425	VY021404.D	04 Mar 2025 13:12		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030625

Review By	Mahesh Dadoda	Review On	3/7/2025 1:32:16 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/7/2025 1:32:53 PM		
SubDirectory	VY030625	HP Acquire Method		HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133223
Initial Calibration Stds	
CCC	VP133224,VP133225
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	VY021425.D	06 Mar 2025 09:39		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021426.D	06 Mar 2025 10:10		SY/MD	Ok,M
3	VY0306SBL01	VY0306SBL01	VY021427.D	06 Mar 2025 11:59		SY/MD	Ok
4	VY0306SBS01	VY0306SBS01	VY021428.D	06 Mar 2025 12:33		SY/MD	Ok,M
5	VY0306SBSD01	VY0306SBSD01	VY021429.D	06 Mar 2025 12:55		SY/MD	Ok,M
6	Q1489-05	TP-2	VY021430.D	06 Mar 2025 13:28	vial-B	SY/MD	Ok
7	Q1489-01	TP-1	VY021431.D	06 Mar 2025 13:52	vial-B Not purge	SY/MD	Not Ok
8	Q1421-09	P001-CLAY-CF02-01	VY021432.D	06 Mar 2025 14:15	vial-B	SY/MD	Ok
9	Q1479-01	P5	VY021433.D	06 Mar 2025 14:39	vial-B	SY/MD	Ok
10	Q1479-02	DSP2	VY021434.D	06 Mar 2025 15:02	vial-A Internal Standard Fail	SY/MD	ReRun
11	Q1488-01	ENV-101-SB01	VY021435.D	06 Mar 2025 15:25	vial-A	SY/MD	Ok
12	Q1488-03	ENV-101-SB02	VY021436.D	06 Mar 2025 15:49	vial-A	SY/MD	Ok
13	Q1488-05	ENV-102-SB01	VY021437.D	06 Mar 2025 16:12	vial-A	SY/MD	Ok
14	Q1488-07	ENV-102-SB02	VY021438.D	06 Mar 2025 16:36	vial-A Not purge	SY/MD	Not Ok
15	Q1488-09	ENV-104-SB01	VY021439.D	06 Mar 2025 16:59	vial-A Internal Standard Fail	SY/MD	ReRun
16	Q1488-11	ENV-104-SB02	VY021440.D	06 Mar 2025 17:22	vial-A Not purge	SY/MD	Not Ok
17	Q1463-01	T1	VY021441.D	06 Mar 2025 17:46	vial-B	SY/MD	Ok
18	Q1463-05	T5	VY021442.D	06 Mar 2025 18:09	vial-B	SY/MD	Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030625

Review By	Mahesh Dadoda	Review On	3/7/2025 1:32:16 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/7/2025 1:32:53 PM		
SubDirectory	VY030625	HP Acquire Method		HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133223
Initial Calibration Stds	
CCC	VP133224,VP133225
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1463-04	T4	VY021443.D	06 Mar 2025 18:33	Vial-B	SY/MD	Ok
20	Q1463-06	T6	VY021444.D	06 Mar 2025 18:56	Vial-A	SY/MD	Ok
21	Q1463-07	T7	VY021445.D	06 Mar 2025 19:20	Vial-A	SY/MD	Ok
22	Q1463-08	T8	VY021446.D	06 Mar 2025 19:43	Vial-A	SY/MD	Ok
23	Q1463-09	T9	VY021447.D	06 Mar 2025 20:06	Vial-A	SY/MD	Ok
24	Q1463-10	T10	VY021448.D	06 Mar 2025 20:30	Vial-A Internal Standard Fail; Surrogate Fail	SY/MD	ReRun
25	VSTDCCC050	VSTDCCC050EC	VY021449.D	06 Mar 2025 21:15		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030725

Review By	Mahesh Dadoda	Review On	3/11/2025 2:51:48 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/11/2025 2:52:31 PM		
SubDirectory	VY030725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133232
Initial Calibration Stds	
CCC	VP133233,VP133234
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	VY021450.D	07 Mar 2025 09:27		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021451.D	07 Mar 2025 09:59		SY/MD	Ok,M
3	VY0307SBL01	VY0307SBL01	VY021452.D	07 Mar 2025 10:35		SY/MD	Ok
4	VY0307SBS01	VY0307SBS01	VY021453.D	07 Mar 2025 12:03		SY/MD	Ok,M
5	VY0307SBSD01	VY0307SBSD01	VY021454.D	07 Mar 2025 12:26	BSD Failed Low for com.#73,87,88	SY/MD	Ok,M
6	Q1463-03	T3	VY021455.D	07 Mar 2025 12:55	vial-B	SY/MD	Ok,M
7	Q1479-02	DSP2	VY021456.D	07 Mar 2025 13:18	vial-B	SY/MD	Ok,M
8	Q1463-02	T2	VY021457.D	07 Mar 2025 13:42	vial-A Internal standard fail	SY/MD	ReRun
9	Q1463-10	T10	VY021458.D	07 Mar 2025 14:05	vial-B	SY/MD	Ok
10	Q1488-07	ENV-102-SB02	VY021459.D	07 Mar 2025 14:28	vial-B	SY/MD	Ok,M
11	Q1488-09	ENV-104-SB01	VY021460.D	07 Mar 2025 14:52	Vial-B	SY/MD	Ok
12	Q1488-11	ENV-104-SB02	VY021461.D	07 Mar 2025 15:15	Vial-B Internal standard fail	SY/MD	Ok
13	Q1514-01	ENV-105-SB01	VY021462.D	07 Mar 2025 15:39	Vial-A BSD failed Low	SY/MD	ReRun
14	Q1514-03	ENV-105-SB02	VY021463.D	07 Mar 2025 16:02	Vial-A BSD failed Low	SY/MD	ReRun
15	Q1514-05	ENV-103-SB01	VY021464.D	07 Mar 2025 16:25	Vial-A BSD failed Low	SY/MD	ReRun
16	Q1515-02	AU-06-030625-E2	VY021465.D	07 Mar 2025 16:49	Vial-A Internal standard fail;Surrogate fail	SY/MD	Ok
17	Q1507-01	50-MIDDLESEX-AVE	VY021466.D	07 Mar 2025 17:12	Vial-A Not purge	SY/MD	Not Ok

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY030725

Review By	Mahesh Dadoda	Review On	3/11/2025 2:51:48 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/11/2025 2:52:31 PM		
SubDirectory	VY030725	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133232
Initial Calibration Stds	
CCC	VP133233,VP133234
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1508-01	RBR251372	VY021467.D	07 Mar 2025 17:36	Vial-A Internal standard fail	SY/MD	ReRun
19	Q1494-05	SOIL	VY021468.D	07 Mar 2025 17:59	Vial-A Internal standard fail	SY/MD	Ok
20	Q1494-03	ASPHALT-SOIL	VY021469.D	07 Mar 2025 18:23	Vial-A Internal standard fail	SY/MD	Ok
21	Q1494-07	SOIL-COMP	VY021470.D	07 Mar 2025 18:46	Vial-A Internal standard fail	SY/MD	Ok
22	Q1490-01	CLAY-SLUDGE-DRUM	VY021471.D	07 Mar 2025 19:09	Vial-A Not purge	SY/MD	Not Ok
23	VSTDCCC050	VSTDCCC050EC	VY021472.D	07 Mar 2025 19:32		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY031125

Review By	Mahesh Dadoda	Review On	3/12/2025 3:16:35 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/12/2025 3:17:58 PM		
SubDirectory	VY031125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133241
Initial Calibration Stds	
CCC	VP133242,VP133243
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	VY021473.D	11 Mar 2025 09:00		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VY021474.D	11 Mar 2025 09:42		SY/MD	Ok,M
3	VY0311SBL01	VY0311SBL01	VY021475.D	11 Mar 2025 10:12		SY/MD	Ok
4	VY0311SBS01	VY0311SBS01	VY021476.D	11 Mar 2025 11:03		SY/MD	Ok,M
5	VY0311SBSD01	VY0311SBSD01	VY021477.D	11 Mar 2025 11:26		SY/MD	Ok,M
6	Q1463-02	T2	VY021478.D	11 Mar 2025 12:01	Vial-B	SY/MD	Ok,M
7	Q1507-01	50-MIDDLESEX-AVE	VY021479.D	11 Mar 2025 12:24	Vial-B Not purge	SY/MD	Not Ok
8	Q1514-05	ENV-103-SB01	VY021480.D	11 Mar 2025 12:48	Vial-B	SY/MD	Ok
9	Q1514-03	ENV-105-SB02	VY021481.D	11 Mar 2025 13:11	Vial-B	SY/MD	Ok
10	Q1514-01	ENV-105-SB01	VY021482.D	11 Mar 2025 13:35	Vial-B	SY/MD	Ok
11	Q1515-02	AU-06-030625-E2	VY021483.D	11 Mar 2025 13:58	Vial-B Not purge	SY/MD	Not Ok
12	Q1508-01RE	RBR251372RE	VY021484.D	11 Mar 2025 14:21	Vial-B Internal Standard Fail; Surrogate Fail	SY/MD	Confirms
13	Q1535-01	SU-03-03102025	VY021485.D	11 Mar 2025 14:45	Vial-A Not purge	SY/MD	Not Ok
14	Q1524-01	72-11930-343-COMP	VY021486.D	11 Mar 2025 15:08	Vial-A ISTD Fail	SY/MD	ReRun
15	Q1524-02	VNJ-241	VY021487.D	11 Mar 2025 15:32	Vial-A ISTD Fail	SY/MD	ReRun
16	Q1494-05	SOIL	VY021488.D	11 Mar 2025 15:55	Vial-B Not purge	SY/MD	Not Ok
17	Q1524-01RE	72-11930-343-COMPRI	VY021489.D	11 Mar 2025 16:18	Vial-B ISTD Fail	SY/MD	Confirms

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Instrument ID: MSVOA_Y

Daily Analysis Runlog For Sequence/QCBatch ID # VY031125

Review By	Mahesh Dadoda	Review On	3/12/2025 3:16:35 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	3/12/2025 3:17:58 PM		
SubDirectory	VY031125	HP Acquire Method	MSVOA_Y	HP Processing Method	82y030425s.m

STD. NAME	STD REF.#
Tune/Reschk	VP133241
Initial Calibration Stds	
CCC	VP133242,VP133243
Internal Standard/PEM	VP131783
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q1524-02RE	VNJ-241RE	VY021490.D	11 Mar 2025 16:42	Vial-B ISTD Fail	SY/MD	Confirms
19	Q1494-03	ASPHALT-SOIL	VY021491.D	11 Mar 2025 17:05	Vial-B Not purge	SY/MD	Not Ok
20	Q1494-07	SOIL-COMP	VY021492.D	11 Mar 2025 17:29	Vial-B Not purge	SY/MD	Not Ok
21	Q1508-01	RBR251372	VY021493.D	11 Mar 2025 17:52	Not purge	SY/MD	Not Ok
22	Q1534-02	OR-363-VOC-16	VY021494.D	11 Mar 2025 18:16	Vial-A	SY/MD	Ok
23	Q1534-08	OR-363-VOC-17	VY021495.D	11 Mar 2025 18:39	Vial-A	SY/MD	Ok
24	Q1534-14	OR-363-VOC-18	VY021496.D	11 Mar 2025 19:02	Vial-A	SY/MD	Ok
25	Q1534-20	OR-363-VOC-19	VY021497.D	11 Mar 2025 19:26	Vial-A	SY/MD	Ok
26	VY0311SBS02	VY0311SBS02	VY021498.D	11 Mar 2025 19:49	Not Required	SY/MD	Not Ok
27	VSTDCCC050	VSTDCCC050EC	VY021499.D	11 Mar 2025 20:11		SY/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1463	**OrderDate:**	2/27/2025 3:25:00 PM
Client:	G Environmental	**Project:**	Fisal
Contact:	Gary Landis	**Location:**	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1463-01	**T1**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/06/25	
Q1463-02	**T2**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/11/25	
Q1463-03	**T3**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/07/25	
Q1463-04	**T4**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/06/25	
Q1463-05	**T5**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/06/25	
Q1463-06	**T6**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/06/25	
Q1463-07	**T7**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/06/25	
Q1463-08	**T8**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/06/25	
Q1463-09	**T9**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/06/25	
Q1463-10	**T10**	**SOIL**			**02/27/25**			**02/27/25**
			VOCMS Group2	8260D			03/07/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
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www.chemtech.net

ALLIANCE PROJECT NO. Q1463
QUOTE NO.
COC Number 2046140

6
6.1

CLIENT INFORMATION

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

CLIENT PROJECT INFORMATION

PROJECT NAME: FISAL
PROJECT NO.: LOCATION:
PROJECT MANAGER: GL
e-mail: gary@g-environmental.com
PHONE: FAX:

CLIENT BILLING INFORMATION

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

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) X NJ Reduced ❑ US EPA CLP
❑ Level 3 (Results + QC ❑ NYS ASP A ❑ NYS ASP B
+ Raw Data) ❑ Other
X EDD FORMAT hazsite NJDEP SRP

ANALYSIS

1. Soil VOC+15 TCL/TAL (?)
2. 3. 4. 5. 6. 7. 8. 9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (Terracores)	2	3	4	5	6	7	8	9	COMMENTS
1.	T1	Soil		X	2/27/25	1111	5	X									
2.	T2	Soil			2/27/25	1100											
3.	T3					1058											
4.	T4					1053											
5.	T5					1047											
6.	T6					1125											
7.	T7					1138											
8.	T8					1038											
9.	T9	Soil				1038											
10.	T10	Soil		X	2/27/25	1035	5	X									

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 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]	2/27/25 1415	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 1.9 °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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1463 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 2/27/2025 3:25:00 PM
Project Name : Fisal
Receive DateTime : 2/27/2025 2:15:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ 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
Q1463-01	~~TP1~~ T1	Solid	02/27/2025	11:11	VOCMS Group2		8260D		10 Bus. Days
Q1463-02	~~TP2~~ T2	Solid	02/27/2025	11:00	VOCMS Group2		8260D		10 Bus. Days
Q1463-03	~~TP3~~ T3	Solid	02/27/2025	10:58	VOCMS Group2		8260D		10 Bus. Days
Q1463-04	~~TP4~~ T4	Solid	02/27/2025	10:53	VOCMS Group2		8260D		10 Bus. Days
Q1463-05	~~TP5~~ T5	Solid	02/27/2025	10:47	VOCMS Group2		8260D		10 Bus. Days
Q1463-06	~~TP6~~ T6	Solid	02/27/2025	11:25	VOCMS Group2		8260D		10 Bus. Days
Q1463-07	~~TP7~~ T7	Solid	02/27/2025	11:38	VOCMS Group2		8260D		10 Bus. Days
Q1463-08	~~TP8~~ T8	Solid	02/27/2025	10:38					

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

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group2		8260D	10 Bus. Days	
Q1463-09	~~TP9~~ T9	Solid	02/27/2025	10:38					
					VOCMS Group2		8260D	10 Bus. Days	
Q1463-10	~~TP10~~ T10	Solid	02/27/2025	10:31					
					VOCMS Group2		8260D	10 Bus. Days	

Relinguished By : OR
Date / Time : 2-27-25 1655

Received By :
Date / Time : 2-27-25 16:55
Storage Area : VOA Refridgerator Room