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

DATA PACKAGE

VOLATILE ORGANICS

PROJECT NAME : WASHINGTON

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1332

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1332

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH

Client : G Environmental

Project Location : Orange,NJ

Project Number :

Laboratory Sample ID(s) : Q1332

Sampling Date(s) : 2/06/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260-Low,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.”

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

Cover Page

Order ID : Q1332

Project ID : Washington

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1332-01	MW1

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: 2/14/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

G Environmental
Project Name: Washington
Project # N/A
Chemtech Project # Q1332
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
1 Water sample was received on 02/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20 and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOC-TCLVOA-10 was based on method 8260D.

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

The RPD for {VN0210WBSD01} with File ID: VN085733.D met criteria except for 1,2,4-Trichlorobenzene[22%], Bromochloromethane[32%] and Isopropylbenzene[21%] these compounds did not meet the NJDKQP criteria and in-house criteria, due to difference in results of BS-BSD.

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 (82X021025W.M) for Chloroethane this compound is passing on Quadratic Regression.

The Continuous Calibration File ID VN085718.D met the requirements except for m/p-Xylenes, o-Xylene and Styrene associated sample required dilution due to high concentration, therefore sample was reanalyzed with dilution and reported.
The Tuning criteria met requirements.

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

Sample MW1 was diluted due to high concentration.

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

Trip Blank was not provided with this set of samples.
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_____

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

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

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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1332

	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:** 02/14/2025

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

Hit Summary Sheet
SW-846

SDG No.: Q1332

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW1**								
Q1332-01	MW1	Water	Acetone		10.6		1.40	5.00	ug/L
Q1332-01	MW1	Water	Cyclohexane		46.8		1.60	5.00	ug/L
Q1332-01	MW1	Water	2-Butanone		5.00		1.30	5.00	ug/L
Q1332-01	MW1	Water	Methylcyclohexane		52.6		0.19	1.00	ug/L
Q1332-01	MW1	Water	Benzene		3.10		0.16	1.00	ug/L
Q1332-01	MW1	Water	Toluene		18.3		0.18	1.00	ug/L
Q1332-01	MW1	Water	2-Hexanone		2.30	J	1.10	5.00	ug/L
Q1332-01	MW1	Water	Ethyl Benzene		96.0		0.16	1.00	ug/L
Q1332-01	MW1	Water	m/p-Xylenes		230	E	0.31	2.00	ug/L
Q1332-01	MW1	Water	o-Xylene		100	E	0.14	1.00	ug/L
Q1332-01	MW1	Water	Isopropylbenzene		18.9		0.13	1.00	ug/L
			Total Voc :		584				
Q1332-01	MW1	Water	Cyclopentane, methyl-	*	15.1	J	0	0	ug/L
Q1332-01	MW1	Water	Cyclohexene	*	17.4	J	0	0	ug/L
Q1332-01	MW1	Water	Cyclohexene, 4-methyl-	*	12.6	J	0	0	ug/L
Q1332-01	MW1	Water	Cyclohexene, 1-methyl-	*	20.8	J	0	0	ug/L
Q1332-01	MW1	Water	Benzene, 1-ethyl-2-methyl-	*	29.9	J	0	0	ug/L
Q1332-01	MW1	Water	Benzene, 1-ethyl-3-methyl-	*	18.2	J	0	0	ug/L
Q1332-01	MW1	Water	Indan, 1-methyl-	*	10.0	J	0	0	ug/L
Q1332-01	MW1	Water	Benzene, 1-ethenyl-4-ethyl-	*	14.9	J	0	0	ug/L
Q1332-01	MW1	Water	Benzene, 1,1-(1,5-hexadiene-1,	*	14.5	J	0	0	ug/L
Q1332-01	MW1	Water	Di-sec-Butyl ether	*	12.9	J	0	0	ug/L
Q1332-01	MW1	Water	n-propylbenzene	*	17.5	J	0.14	1.00	ug/L
Q1332-01	MW1	Water	1,3,5-Trimethylbenzene	*	7.10	J	0.18	1.00	ug/L
Q1332-01	MW1	Water	1,2,4-Trimethylbenzene	*	240	J	0.18	1.00	ug/L
Q1332-01	MW1	Water	p-Isopropyltoluene	*	4.60	J	0.15	1.00	ug/L
Q1332-01	MW1	Water	n-Butylbenzene	*	2.60	J	0.22	1.00	ug/L
Q1332-01	MW1	Water	Naphthalene	*	65.8	J	0.59	1.00	ug/L
			Total Tics :		504				
			Total Concentration:		1090				
Client ID:	**MW1DL**								
Q1332-01DL	MW1DL	Water	Acetone		15.1	D	2.80	10.0	ug/L
Q1332-01DL	MW1DL	Water	Cyclohexane		65.0	D	3.20	10.0	ug/L
Q1332-01DL	MW1DL	Water	Methylcyclohexane		58.4	D	0.38	2.00	ug/L
Q1332-01DL	MW1DL	Water	Benzene		3.60	D	0.32	2.00	ug/L
Q1332-01DL	MW1DL	Water	Toluene		21.0	D	0.36	2.00	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: Q1332

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1332-01DL	MW1DL	Water	Ethyl Benzene	110	D	0.32	2.00	ug/L
Q1332-01DL	MW1DL	Water	m/p-Xylenes	230	D	0.62	4.00	ug/L
Q1332-01DL	MW1DL	Water	o-Xylene	110	D	0.28	2.00	ug/L
Q1332-01DL	MW1DL	Water	Isopropylbenzene	21.8	D	0.26	2.00	ug/L
			Total Voc :	635				
			Total Concentration:	635				

SAMPLE DATA

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:	02/06/25
Project:	Washington	Date Received:	02/07/25
Client Sample ID:	MW1	SDG No.:	Q1332
Lab Sample ID:	Q1332-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085731.D	1		02/10/25 18:11	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	1.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	10.6		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	46.8		1.60	5.00	ug/L
78-93-3	2-Butanone	5.00		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
108-87-2	Methylcyclohexane	52.6		0.19	1.00	ug/L
71-43-2	Benzene	3.10		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	18.3		0.18	1.00	ug/L

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:	02/06/25
Project:	Washington	Date Received:	02/07/25
Client Sample ID:	MW1	SDG No.:	Q1332
Lab Sample ID:	Q1332-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085731.D	1		02/10/25 18:11	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	2.30	J	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	96.0		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	230	E	0.31	2.00	ug/L
95-47-6	o-Xylene	100	E	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.9		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.6		70 (74) - 130 (125)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	48.7		70 (75) - 130 (124)	97%	SPK: 50
2037-26-5	Toluene-d8	52.9		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.5		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	248000	8.224			
540-36-3	1,4-Difluorobenzene	450000	9.1			
3114-55-4	Chlorobenzene-d5	408000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	197000	13.788			
TENTATIVE IDENTIFIED COMPOUNDS						

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:	02/06/25
Project:	Washington	Date Received:	02/07/25
Client Sample ID:	MW1	SDG No.:	Q1332
Lab Sample ID:	Q1332-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085731.D	1		02/10/25 18:11	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000096-37-7	Cyclopentane, methyl-	15.1	J		7.33	ug/L
000110-83-8	Cyclohexene	17.4	J		8.73	ug/L
000591-47-9	Cyclohexene, 4-methyl-	12.6	J		9.96	ug/L
000591-49-1	Cyclohexene, 1-methyl-	20.8	J		10.4	ug/L
006863-58-7	Di-sec-Butyl ether	12.9	J		10.8	ug/L
103-65-1	n-propylbenzene	17.5	J		13.0	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	18.2	J		13.1	ug/L
108-67-8	1,3,5-Trimethylbenzene	7.10	J		13.2	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	29.9	J		13.3	ug/L
95-63-6	1,2,4-Trimethylbenzene	240	J		13.5	ug/L
99-87-6	p-Isopropyltoluene	4.60	J		13.7	ug/L
004439-45-6	Benzene, 1,1-(1,5-hexadiene-1,6-d	14.5	J		14.0	ug/L
104-51-8	n-Butylbenzene	2.60	J		14.1	ug/L
000767-58-8	Indan, 1-methyl-	10.0	J		14.4	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	14.9	J		15.0	ug/L
91-20-3	Naphthalene	65.8	J		15.6	ug/L

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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:	02/06/25
Project:	Washington	Date Received:	02/07/25
Client Sample ID:	MW1DL	SDG No.:	Q1332
Lab Sample ID:	Q1332-01DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044905.D	2		02/11/25 14:52	VX021125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.42	UD	0.42	2.00	ug/L
74-87-3	Chloromethane	0.70	UD	0.70	2.00	ug/L
75-01-4	Vinyl Chloride	0.68	UD	0.68	2.00	ug/L
74-83-9	Bromomethane	2.70	UD	2.70	10.0	ug/L
75-00-3	Chloroethane	1.10	UD	1.10	2.00	ug/L
75-69-4	Trichlorofluoromethane	0.68	UD	0.68	2.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	UD	0.50	2.00	ug/L
75-35-4	1,1-Dichloroethene	0.52	UD	0.52	2.00	ug/L
67-64-1	Acetone	15.1	D	2.80	10.0	ug/L
75-15-0	Carbon Disulfide	0.64	UD	0.64	2.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.32	UD	0.32	2.00	ug/L
79-20-9	Methyl Acetate	1.20	UD	1.20	2.00	ug/L
75-09-2	Methylene Chloride	0.64	UD	0.64	2.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	UD	0.50	2.00	ug/L
75-34-3	1,1-Dichloroethane	0.46	UD	0.46	2.00	ug/L
110-82-7	Cyclohexane	65.0	D	3.20	10.0	ug/L
78-93-3	2-Butanone	2.60	UD	2.60	10.0	ug/L
56-23-5	Carbon Tetrachloride	0.50	UD	0.50	2.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.50	UD	0.50	2.00	ug/L
74-97-5	Bromochloromethane	0.36	UD	0.36	2.00	ug/L
67-66-3	Chloroform	0.52	UD	0.52	2.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.38	UD	0.38	2.00	ug/L
108-87-2	Methylcyclohexane	58.4	D	0.38	2.00	ug/L
71-43-2	Benzene	3.60	D	0.32	2.00	ug/L
107-06-2	1,2-Dichloroethane	0.48	UD	0.48	2.00	ug/L
79-01-6	Trichloroethene	0.64	UD	0.64	2.00	ug/L
78-87-5	1,2-Dichloropropane	0.38	UD	0.38	2.00	ug/L
75-27-4	Bromodichloromethane	0.48	UD	0.48	2.00	ug/L
108-10-1	4-Methyl-2-Pentanone	1.50	UD	1.50	10.0	ug/L
108-88-3	Toluene	21.0	D	0.36	2.00	ug/L

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:	02/06/25
Project:	Washington	Date Received:	02/07/25
Client Sample ID:	MW1DL	SDG No.:	Q1332
Lab Sample ID:	Q1332-01DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044905.D	2		02/11/25 14:52	VX021125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.42	UD	0.42	2.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	UD	0.36	2.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.42	UD	0.42	2.00	ug/L
591-78-6	2-Hexanone	2.30	UD	2.30	10.0	ug/L
124-48-1	Dibromochloromethane	0.36	UD	0.36	2.00	ug/L
106-93-4	1,2-Dibromoethane	0.32	UD	0.32	2.00	ug/L
127-18-4	Tetrachloroethene	0.50	UD	0.50	2.00	ug/L
108-90-7	Chlorobenzene	0.26	UD	0.26	2.00	ug/L
100-41-4	Ethyl Benzene	110	D	0.32	2.00	ug/L
179601-23-1	m/p-Xylenes	230	D	0.62	4.00	ug/L
95-47-6	o-Xylene	110	D	0.28	2.00	ug/L
100-42-5	Styrene	0.32	UD	0.32	2.00	ug/L
75-25-2	Bromoform	0.42	UD	0.42	2.00	ug/L
98-82-8	Isopropylbenzene	21.8	D	0.26	2.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.54	UD	0.54	2.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.48	UD	0.48	2.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	UD	0.54	2.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.38	UD	0.38	2.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.92	UD	0.92	2.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.84	UD	0.84	2.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	UD	1.00	2.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.9		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.0		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	96400	5.544			
540-36-3	1,4-Difluorobenzene	194000	6.757			
3114-55-4	Chlorobenzene-d5	179000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	81000	12.018			

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:	02/06/25
Project:	Washington	Date Received:	02/07/25
Client Sample ID:	MW1DL	SDG No.:	Q1332
Lab Sample ID:	Q1332-01DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044905.D	2		02/11/25 14:52	VX021125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1332

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1332-01	MW1	1,2-Dichloroethane-d4	50	45.6	91	70 (74)	130 (125)
		Dibromofluoromethane	50	48.7	97	70 (75)	130 (124)
		Toluene-d8	50	52.9	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.5	111	70 (77)	130 (121)
Q1332-01DL	MW1DL	1,2-Dichloroethane-d4	50	52.9	106	70 (74)	130 (125)
		Dibromofluoromethane	50	50.0	100	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.1	108	70 (77)	130 (121)
VN0210WBL01	VN0210WBL01	1,2-Dichloroethane-d4	50	47.8	96	70 (74)	130 (125)
		Dibromofluoromethane	50	50.2	100	70 (75)	130 (124)
		Toluene-d8	50	48.3	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.2	88	70 (77)	130 (121)
VN0210WBS01	VN0210WBS01	1,2-Dichloroethane-d4	50	39.3	79	70 (74)	130 (125)
		Dibromofluoromethane	50	44.5	89	70 (75)	130 (124)
		Toluene-d8	50	44.5	89	70 (86)	130 (113)
		4-Bromofluorobenzene	50	46.6	93	70 (77)	130 (121)
VN0210WBSD0	VN0210WBSD01	1,2-Dichloroethane-d4	50	49.9	100	70 (74)	130 (125)
		Dibromofluoromethane	50	54.4	109	70 (75)	130 (124)
		Toluene-d8	50	54.6	109	70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.5	115	70 (77)	130 (121)
VX0211WBL01	VX0211WBL01	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102	70 (75)	130 (124)
		Toluene-d8	50	50.3	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105	70 (77)	130 (121)
VX0211WBS01	VX0211WBS01	1,2-Dichloroethane-d4	50	43.8	88	70 (74)	130 (125)
		Dibromofluoromethane	50	45.5	91	70 (75)	130 (124)
		Toluene-d8	50	46.2	92	70 (86)	130 (113)
		4-Bromofluorobenzene	50	47.4	95	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1332

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN085721.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0210WBS01	Dichlorodifluoromethane	20	20.4	ug/L	102			40 (69)	160 (116)	
	Chloromethane	20	17.7	ug/L	89			40 (65)	160 (116)	
	Vinyl chloride	20	18.8	ug/L	94			70 (65)	130 (117)	
	Bromomethane	20	18.5	ug/L	93			40 (58)	160 (125)	
	Chloroethane	20	18.0	ug/L	90			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.0	ug/L	90			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.9	ug/L	95			70 (74)	130 (110)	
	Acetone	100	78.6	ug/L	79			40 (60)	160 (125)	
	Carbon disulfide	20	18.0	ug/L	90			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.9	ug/L	90			70 (78)	130 (114)	
	Methyl Acetate	20	15.7	ug/L	79			70 (67)	130 (125)	
	Methylene Chloride	20	18.2	ug/L	91			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	17.2	ug/L	86			70 (78)	130 (112)	
	Cyclohexane	20	16.6	ug/L	83			70 (75)	130 (110)	
	2-Butanone	100	78.5	ug/L	79			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.0	ug/L	90			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	17.8	ug/L	89			70 (77)	130 (110)	
	Bromochloromethane	20	16.3	ug/L	81			70 (70)	130 (124)	
	Chloroform	20	17.4	ug/L	87			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	17.5	ug/L	88			70 (80)	130 (108)	
	Methylcyclohexane	20	18.5	ug/L	93			70 (72)	130 (115)	
	Benzene	20	18.3	ug/L	92			70 (82)	130 (109)	
	1,2-Dichloroethane	20	16.5	ug/L	83			70 (80)	130 (115)	
	Trichloroethene	20	18.5	ug/L	93			70 (77)	130 (113)	
	1,2-Dichloropropane	20	17.2	ug/L	86			70 (83)	130 (111)	
	Bromodichloromethane	20	17.7	ug/L	89			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	81.4	ug/L	81			40 (74)	160 (118)	
	Toluene	20	19.4	ug/L	97			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	17.9	ug/L	90			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.3	ug/L	92			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	18.3	ug/L	92			70 (83)	130 (112)	
	2-Hexanone	100	82.2	ug/L	82			40 (73)	160 (117)	
	Dibromochloromethane	20	18.1	ug/L	91			70 (82)	130 (110)	
	1,2-Dibromoethane	20	18.2	ug/L	91			70 (81)	130 (110)	
	Tetrachloroethene	20	19.7	ug/L	99			70 (67)	130 (123)	
	Chlorobenzene	20	18.6	ug/L	93			70 (82)	130 (109)	
	Ethyl Benzene	20	18.7	ug/L	94			70 (83)	130 (109)	
	m/p-Xylenes	40	40.0	ug/L	100			70 (82)	130 (110)	
	o-Xylene	20	19.3	ug/L	97			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.1	ug/L	96			70 (79)	130 (109)	
	Isopropylbenzene	20	18.6	ug/L	93			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	16.9	ug/L	85			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.5	ug/L	93			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	17.6	ug/L	88			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	17.8	ug/L	89			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1332

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN085721.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0210WBS01	1,2-Dibromo-3-Chloropropane	20	17.2	ug/L	86			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.4	ug/L	87			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.2	ug/L	86			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1332

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN085733.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0210WBSD01	Dichlorodifluoromethane	20	22.3	ug/L	112	9		40 (69)	160 (116)	20 (20)
	Chloromethane	20	20.4	ug/L	102	14		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	21.6	ug/L	108	14		70 (65)	130 (117)	20 (20)
	Bromomethane	20	20.7	ug/L	104	11		40 (58)	160 (125)	20 (20)
	Chloroethane	20	21.1	ug/L	106	16		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	20.6	ug/L	103	13		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/L	104	10		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	21.8	ug/L	109	14		70 (74)	130 (110)	20 (20)
	Acetone	100	91.9	ug/L	92	15		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	20.1	ug/L	101	12		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.2	ug/L	106	16		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	19.2	ug/L	96	19		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.8	ug/L	104	13		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	21.3	ug/L	106	13		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	19.9	ug/L	100	15		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.3	ug/L	92	10		70 (75)	130 (110)	20 (20)
	2-Butanone	100	95.2	ug/L	95	18		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	20.3	ug/L	102	13		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	21.0	ug/L	105	16		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	22.4	ug/L	112	32	*	70 (70)	130 (124)	20 (20)
	Chloroform	20	19.9	ug/L	100	14		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.7	ug/L	104	17		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	20.1	ug/L	101	8		70 (72)	130 (115)	20 (20)
	Benzene	20	21.1	ug/L	106	14		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	19.5	ug/L	98	17		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.8	ug/L	104	11		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	19.6	ug/L	98	13		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	20.3	ug/L	102	14		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	98.7	ug/L	99	20		40 (74)	160 (118)	20 (20)
	Toluene	20	22.1	ug/L	111	13		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	20.7	ug/L	104	14		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.1	ug/L	106	14		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.3	ug/L	106	14		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	100	ug/L	100	20		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	21.1	ug/L	106	15		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	21.2	ug/L	106	15		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	21.3	ug/L	106	7		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.8	ug/L	104	11		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	21.8	ug/L	109	15		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	45.3	ug/L	113	12		70 (82)	130 (110)	20 (20)
	o-Xylene	20	23.0	ug/L	115	17		70 (83)	130 (109)	20 (20)
	Styrene	20	22.7	ug/L	114	14		70 (80)	130 (111)	20 (20)
	Bromoform	20	22.1	ug/L	111	14		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	23.0	ug/L	115	21	*	70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	20.8	ug/L	104	20		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	21.5	ug/L	108	15		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.9	ug/L	100	13		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	21.1	ug/L	106	17		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1332

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN085733.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0210WBSD01	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104	19		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	21.8	ug/L	109	22	*	70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	20.9	ug/L	104	19		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1332

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044896.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0211WBS01	Dichlorodifluoromethane	20	18.7	ug/L	94			40 (69)	160 (116)	
	Chloromethane	20	17.8	ug/L	89			40 (65)	160 (116)	
	Vinyl chloride	20	17.9	ug/L	90			70 (65)	130 (117)	
	Bromomethane	20	19.0	ug/L	95			40 (58)	160 (125)	
	Chloroethane	20	22.6	ug/L	113			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.3	ug/L	92			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.0	ug/L	90			70 (74)	130 (110)	
	Acetone	100	88.2	ug/L	88			40 (60)	160 (125)	
	Carbon disulfide	20	17.2	ug/L	86			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	17.8	ug/L	89			70 (78)	130 (114)	
	Methyl Acetate	20	18.0	ug/L	90			70 (67)	130 (125)	
	Methylene Chloride	20	17.8	ug/L	89			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.0	ug/L	90			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.1	ug/L	91			70 (78)	130 (112)	
	Cyclohexane	20	18.2	ug/L	91			70 (75)	130 (110)	
	2-Butanone	100	90.3	ug/L	90			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.3	ug/L	97			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	15.3	ug/L	77			70 (70)	130 (124)	
	Chloroform	20	18.5	ug/L	93			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.1	ug/L	91			70 (80)	130 (108)	
	Methylcyclohexane	20	20.3	ug/L	102			70 (72)	130 (115)	
	Benzene	20	19.2	ug/L	96			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.7	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	19.2	ug/L	96			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.1	ug/L	96			70 (83)	130 (111)	
	Bromodichloromethane	20	19.5	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	99.3	ug/L	99			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.6	ug/L	93			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.1	ug/L	96			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.8	ug/L	99			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	19.0	ug/L	95			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.2	ug/L	96			70 (81)	130 (110)	
	Tetrachloroethene	20	18.8	ug/L	94			70 (67)	130 (123)	
	Chlorobenzene	20	19.0	ug/L	95			70 (82)	130 (109)	
	Ethyl Benzene	20	19.1	ug/L	96			70 (83)	130 (109)	
	m/p-Xylenes	40	38.9	ug/L	97			70 (82)	130 (110)	
	o-Xylene	20	19.2	ug/L	96			70 (83)	130 (109)	
	Styrene	20	19.3	ug/L	97			70 (80)	130 (111)	
	Bromoform	20	19.2	ug/L	96			70 (79)	130 (109)	
	Isopropylbenzene	20	18.4	ug/L	92			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.5	ug/L	93			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.2	ug/L	96			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.7	ug/L	94			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.4	ug/L	97			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1332

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044896.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0211WBS01	1,2-Dibromo-3-Chloropropane	20	18.5	ug/L	93			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.5	ug/L	93			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.8	ug/L	94			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0210WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VN085720.D Lab Sample ID: VN0210WBL01

Date Analyzed: 02/10/2025 Time Analyzed: 13:12

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

Instrument ID: MSVOA_N

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0210WBS01	VN0210WBS01	VN085721.D	02/10/2025
MW1	Q1332-01	VN085731.D	02/10/2025
VN0210WBSD01	VN0210WBSD01	VN085733.D	02/10/2025

COMMENTS:

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

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0211WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VX044895.D Lab Sample ID: VX0211WBL01

Date Analyzed: 02/11/2025 Time Analyzed: 11:00

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

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0211WBS01	VX0211WBS01	VX044896.D	02/11/2025
MW1DL	Q1332-01DL	VX044905.D	02/11/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VN085437.D BFB Injection Date: 01/14/2025

Instrument ID: MSVOA_N BFB Injection Time: 14:22

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.3
75	30.0 - 60.0% of mass 95	58
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.8
173	Less than 2.0% of mass 174	1.4 (1.8) 1
174	50.0 - 100.0% of mass 95	76
175	5.0 - 9.0% of mass 174	5.4 (7.1) 1
176	95.0 - 101.0% of mass 174	74.1 (97.4) 1
177	5.0 - 9.0% of mass 176	4.9 (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
VSTDICC100	VSTDICC100	VN085438.D	01/14/2025	14:56
VSTDICCC050	VSTDICCC050	VN085439.D	01/14/2025	15:19
VSTDICC020	VSTDICC020	VN085440.D	01/14/2025	15:43
VSTDICC010	VSTDICC010	VN085441.D	01/14/2025	16:07
VSTDICC005	VSTDICC005	VN085442.D	01/14/2025	16:31
VSTDICC001	VSTDICC001	VN085443.D	01/14/2025	17:19

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VN085717.D BFB Injection Date: 02/10/2025

Instrument ID: MSVOA_N BFB Injection Time: 09:49

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	5.4
173	Less than 2.0% of mass 174	1.1 (1.4) 1
174	50.0 - 100.0% of mass 95	78.9
175	5.0 - 9.0% of mass 174	5.5 (6.9) 1
176	95.0 - 101.0% of mass 174	76.2 (96.6) 1
177	5.0 - 9.0% of mass 176	4.5 (6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN085718.D	02/10/2025	12:12
VN0210WBL01	VN0210WBL01	VN085720.D	02/10/2025	13:12
VN0210WBS01	VN0210WBS01	VN085721.D	02/10/2025	14:12
MW1	Q1332-01	VN085731.D	02/10/2025	18:11
VN0210WBSD01	VN0210WBSD01	VN085733.D	02/10/2025	18:59

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VX044867.D BFB Injection Date: 02/10/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:35

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	75.9
175	5.0 - 9.0% of mass 174	5.7 (7.5) 1
176	95.0 - 101.0% of mass 174	72.6 (95.7) 1
177	5.0 - 9.0% of mass 176	4.5 (6.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX044868.D	02/10/2025	10:25
VSTDICC005	VSTDICC005	VX044869.D	02/10/2025	10:48
VSTDICC020	VSTDICC020	VX044870.D	02/10/2025	11:11
VSTDICCC050	VSTDICCC050	VX044871.D	02/10/2025	11:34
VSTDICC100	VSTDICC100	VX044872.D	02/10/2025	12:05
VSTDICC150	VSTDICC150	VX044873.D	02/10/2025	12:28

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VX044892.D BFB Injection Date: 02/11/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:50

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.3
75	30.0 - 60.0% of mass 95	53.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 100.0% of mass 95	71.2
175	5.0 - 9.0% of mass 174	5.7 (7.9) 1
176	95.0 - 101.0% of mass 174	68.2 (95.8) 1
177	5.0 - 9.0% of mass 176	4.6 (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	VX044893.D	02/11/2025	10:09
VX0211WBL01	VX0211WBL01	VX044895.D	02/11/2025	11:00
VX0211WBS01	VX0211WBS01	VX044896.D	02/11/2025	11:23
MW1DL	Q1332-01DL	VX044905.D	02/11/2025	14:52

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VN085718.D Date Analyzed: 02/10/2025

Instrument ID: MSVOA_N Time Analyzed: 12:12

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	241607	8.22	411898	9.09	357680	11.87
UPPER LIMIT	483214	8.718	823796	9.594	715360	12.365
LOWER LIMIT	120804	7.718	205949	8.594	178840	11.365
EPA SAMPLE NO.						
MW1	247634	8.22	449721	9.10	407986	11.87
VN0210WBL01	252400	8.22	469407	9.10	394938	11.87
VN0210WBS01	320498	8.22	543900	9.10	477598	11.87
VN0210WBSD01	231142	8.22	403589	9.10	358601	11.87

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VN085718.D Date Analyzed: 02/10/2025

Instrument ID: MSVOA_N Time Analyzed: 12:12

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

	IS4 AREA #	RT #				
12 HOUR STD	178725	13.788				
UPPER LIMIT	357450	14.288				
LOWER LIMIT	89362.5	13.288				
EPA SAMPLE NO.						
MW1	197417	13.79				
VN0210WBL01	156176	13.79				
VN0210WBS01	232853	13.79				
VN0210WBSD01	166903	13.79				

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.

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VX044893.D Date Analyzed: 02/11/2025

Instrument ID: MSVOA_X Time Analyzed: 10:09

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

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	125474	5.54	221806	6.75	200705	10.05
UPPER LIMIT	250948	6.044	443612	7.251	401410	10.549
LOWER LIMIT	62737	5.044	110903	6.251	100353	9.549
EPA SAMPLE NO.						
MW1DL	96361	5.54	194399	6.76	179329	10.05
VX0211WBL01	98496	5.54	199075	6.76	183423	10.05
VX0211WBS01	122388	5.54	213544	6.76	190238	10.05

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1332 SAS No.: Q1332 SDG NO.: Q1332

Lab File ID: VX044893.D Date Analyzed: 02/11/2025

Instrument ID: MSVOA_X Time Analyzed: 10:09

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

	IS4 AREA #	RT #				
12 HOUR STD	89456	12.018				
UPPER LIMIT	178912	12.518				
LOWER LIMIT	44728	11.518				
EPA SAMPLE NO.						
MW1DL	80982	12.02				
VX0211WBL01	79632	12.02				
VX0211WBS01	87843	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VN0210WBL01	SDG No.:	Q1332
Lab Sample ID:	VN0210WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085720.D	1		02/10/25 13:12	VN021025

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

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VN0210WBL01	SDG No.:	Q1332
Lab Sample ID:	VN0210WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085720.D	1		02/10/25 13:12	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		70 (74) - 130 (125)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	48.3		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.2		70 (77) - 130 (121)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	252000	8.224			
540-36-3	1,4-Difluorobenzene	469000	9.1			
3114-55-4	Chlorobenzene-d5	395000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	156000	13.788			

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VN0210WBL01	SDG No.:	Q1332
Lab Sample ID:	VN0210WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085720.D	1		02/10/25 13:12	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VX0211WBL01	SDG No.:	Q1332
Lab Sample ID:	VX0211WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044895.D	1		02/11/25 11:00	VX021125

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

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VX0211WBL01	SDG No.:	Q1332
Lab Sample ID:	VX0211WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044895.D	1		02/11/25 11:00	VX021125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	98500	5.544			
540-36-3	1,4-Difluorobenzene	199000	6.757			
3114-55-4	Chlorobenzene-d5	183000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	79600	12.018			

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VX0211WBL01	SDG No.:	Q1332
Lab Sample ID:	VX0211WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044895.D	1		02/11/25 11:00	VX021125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VN0210WBS01	SDG No.:	Q1332
Lab Sample ID:	VN0210WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085721.D	1		02/10/25 14:12	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.4		0.21	1.00	ug/L
74-87-3	Chloromethane	17.7		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	18.8		0.34	1.00	ug/L
74-83-9	Bromomethane	18.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.0		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.0		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.9		0.26	1.00	ug/L
67-64-1	Acetone	78.6		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	15.7		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.2		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	17.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	16.6		1.60	5.00	ug/L
78-93-3	2-Butanone	78.5		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.0		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	17.8		0.25	1.00	ug/L
74-97-5	Bromochloromethane	16.3		0.18	1.00	ug/L
67-66-3	Chloroform	17.4		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	17.5		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.5		0.19	1.00	ug/L
71-43-2	Benzene	18.3		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	16.5		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.5		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	17.2		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	17.7		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	81.4		0.75	5.00	ug/L
108-88-3	Toluene	19.4		0.18	1.00	ug/L

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VN0210WBS01	SDG No.:	Q1332
Lab Sample ID:	VN0210WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085721.D	1		02/10/25 14:12	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	17.9		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.3		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	18.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	82.2		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	18.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.2		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.7		0.25	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	18.7		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	40.0		0.31	2.00	ug/L
95-47-6	o-Xylene	19.3		0.14	1.00	ug/L
100-42-5	Styrene	19.7		0.16	1.00	ug/L
75-25-2	Bromoform	19.1		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	16.9		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	17.6		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	17.8		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.2		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.4		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.2		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.3		70 (74) - 130 (125)	79%	SPK: 50
1868-53-7	Dibromofluoromethane	44.5		70 (75) - 130 (124)	89%	SPK: 50
2037-26-5	Toluene-d8	44.6		70 (86) - 130 (113)	89%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		70 (77) - 130 (121)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	320000	8.224			
540-36-3	1,4-Difluorobenzene	544000	9.1			
3114-55-4	Chlorobenzene-d5	478000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	233000	13.788			

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VN0210WBS01	SDG No.:	Q1332
Lab Sample ID:	VN0210WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085721.D	1		02/10/25 14:12	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VX0211WBS01	SDG No.:	Q1332
Lab Sample ID:	VX0211WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044896.D	1		02/11/25 11:23	VX021125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.21	1.00	ug/L
74-87-3	Chloromethane	17.8		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.9		0.34	1.00	ug/L
74-83-9	Bromomethane	19.0		1.40	5.00	ug/L
75-00-3	Chloroethane	22.6		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.3		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.0		0.26	1.00	ug/L
67-64-1	Acetone	88.2		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	17.2		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	17.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	18.0		0.60	1.00	ug/L
75-09-2	Methylene Chloride	17.8		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.0		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.2		1.60	5.00	ug/L
78-93-3	2-Butanone	90.3		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.25	1.00	ug/L
74-97-5	Bromochloromethane	15.3		0.18	1.00	ug/L
67-66-3	Chloroform	18.5		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.1		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	20.3		0.19	1.00	ug/L
71-43-2	Benzene	19.2		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.7		0.24	1.00	ug/L
79-01-6	Trichloroethene	19.2		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.1		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.5		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	99.3		0.75	5.00	ug/L
108-88-3	Toluene	19.5		0.18	1.00	ug/L

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VX0211WBS01	SDG No.:	Q1332
Lab Sample ID:	VX0211WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044896.D	1		02/11/25 11:23	VX021125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.6		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.8		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.2		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	18.8		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.1		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	38.9		0.31	2.00	ug/L
95-47-6	o-Xylene	19.2		0.14	1.00	ug/L
100-42-5	Styrene	19.3		0.16	1.00	ug/L
75-25-2	Bromoform	19.2		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.4		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.5		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.2		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.7		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.4		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.5		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.5		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.8		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.8		70 (74) - 130 (125)	88%	SPK: 50
1868-53-7	Dibromofluoromethane	45.5		70 (75) - 130 (124)	91%	SPK: 50
2037-26-5	Toluene-d8	46.2		70 (86) - 130 (113)	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		70 (77) - 130 (121)	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	122000	5.544			
540-36-3	1,4-Difluorobenzene	214000	6.757			
3114-55-4	Chlorobenzene-d5	190000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	87800	12.018			

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VX0211WBS01	SDG No.:	Q1332
Lab Sample ID:	VX0211WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044896.D	1		02/11/25 11:23	VX021125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VN0210WBSD01	SDG No.:	Q1332
Lab Sample ID:	VN0210WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085733.D	1		02/10/25 18:59	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	22.3		0.21	1.00	ug/L
74-87-3	Chloromethane	20.4		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	21.6		0.34	1.00	ug/L
74-83-9	Bromomethane	20.7		1.40	5.00	ug/L
75-00-3	Chloroethane	21.1		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	20.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	21.8		0.26	1.00	ug/L
67-64-1	Acetone	91.9		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	20.1		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.2		0.60	1.00	ug/L
75-09-2	Methylene Chloride	20.8		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	21.3		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.9		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.3		1.60	5.00	ug/L
78-93-3	2-Butanone	95.2		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	21.0		0.25	1.00	ug/L
74-97-5	Bromochloromethane	22.4		0.18	1.00	ug/L
67-66-3	Chloroform	19.9		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.7		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	20.1		0.19	1.00	ug/L
71-43-2	Benzene	21.1		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.24	1.00	ug/L
79-01-6	Trichloroethene	20.8		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	20.3		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.7		0.75	5.00	ug/L
108-88-3	Toluene	22.1		0.18	1.00	ug/L

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VN0210WBSD01	SDG No.:	Q1332
Lab Sample ID:	VN0210WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085733.D	1		02/10/25 18:59	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.7		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	21.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.2		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	21.3		0.25	1.00	ug/L
108-90-7	Chlorobenzene	20.8		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	21.8		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	45.3		0.31	2.00	ug/L
95-47-6	o-Xylene	23.0		0.14	1.00	ug/L
100-42-5	Styrene	22.7		0.16	1.00	ug/L
75-25-2	Bromoform	22.1		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	23.0		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.8		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	21.5		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.9		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.1		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.8		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.9		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.9		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	54.6		70 (86) - 130 (113)	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.5		70 (77) - 130 (121)	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	231000	8.224			
540-36-3	1,4-Difluorobenzene	404000	9.1			
3114-55-4	Chlorobenzene-d5	359000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	167000	13.788			

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:	
Project:	Washington	Date Received:	
Client Sample ID:	VN0210WBSD01	SDG No.:	Q1332
Lab Sample ID:	VN0210WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085733.D	1		02/10/25 18:59	VN021025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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.: Q1332 SAS No.: Q1332 SDG No.: Q1332

Instrument ID: MSVOA_N Calibration Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Calibration Time(s): 14:56 17:19

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

LAB FILE ID: RRF100 = VN085438.D RRF050 = VN085439.D RRF020 = VN085440.D
RRF010 = VN085441.D RRF005 = VN085442.D RRF001 = VN085443.D

COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.664	0.629	0.681	0.667	0.708	0.714	0.677	4.6
Chloromethane	0.680	0.680	0.727	0.693	0.779	0.839	0.733	8.8
Vinyl Chloride	0.697	0.686	0.727	0.711	0.781	0.819	0.737	7.1
Bromomethane	0.392	0.417	0.454	0.437	0.525		0.445	11.3
Chloroethane	0.435	0.424	0.468	0.429	0.505	0.542	0.467	10.3
Trichlorofluoromethane	1.046	0.997	1.097	1.040	1.077	1.157	1.069	5.1
1,1,2-Trichlorotrifluoroethane	0.590	0.542	0.609	0.587	0.639	0.646	0.602	6.4
1,1-Dichloroethene	0.548	0.533	0.556	0.526	0.559	0.497	0.537	4.3
Acetone	0.238	0.252	0.252	0.247	0.269	0.306	0.261	9.3
Carbon Disulfide	1.555	1.477	1.647	1.537	1.719	1.978	1.652	11
Methyl tert-butyl Ether	1.834	1.873	1.853	1.664	1.685	1.545	1.742	7.5
Methyl Acetate	0.751	0.790	0.758	0.779	0.810	0.871	0.793	5.5
Methylene Chloride	0.629	0.629	0.658	0.606	0.696	0.656	0.646	4.9
trans-1,2-Dichloroethene	0.571	0.555	0.574	0.539	0.569	0.632	0.573	5.5
1,1-Dichloroethane	1.164	1.170	1.206	1.100	1.226	1.204	1.178	3.8
Cyclohexane	0.984	0.881	1.033	1.026	1.198		1.024	11.2
2-Butanone	0.378	0.390	0.398	0.363	0.387	0.386	0.384	3.1
Carbon Tetrachloride	0.574	0.530	0.579	0.529	0.565	0.567	0.557	4
cis-1,2-Dichloroethene	0.691	0.683	0.715	0.639	0.669	0.655	0.675	4
Bromochloromethane	0.530	0.542	0.513	0.486	0.595	0.624	0.548	9.4
Chloroform	1.197	1.175	1.241	1.169	1.253	1.273	1.218	3.6
1,1,1-Trichloroethane	1.053	1.016	1.091	1.000	1.148	1.102	1.068	5.2
Methylcyclohexane	0.564	0.463	0.477	0.407	0.437	0.397	0.457	13.3
Benzene	1.551	1.449	1.527	1.376	1.474	1.400	1.463	4.7
1,2-Dichloroethane	0.569	0.547	0.575	0.522	0.574	0.517	0.551	4.8
Trichloroethene	0.362	0.324	0.352	0.310	0.343	0.352	0.341	5.8
1,2-Dichloropropane	0.390	0.371	0.388	0.334	0.388	0.371	0.374	5.7
Bromodichloromethane	0.590	0.559	0.579	0.514	0.569	0.484	0.549	7.5
4-Methyl-2-Pentanone	0.499	0.492	0.495	0.432	0.443	0.380	0.457	10.3
Toluene	0.964	0.870	0.919	0.808	0.835	0.690	0.848	11.3

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

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.: Q1332 SAS No.: Q1332 SDG No.: Q1332

Instrument ID: MSVOA_N Calibration Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Calibration Time(s): 14:56 17:19

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

LAB FILE ID: RRF100 = VN085438.D RRF050 = VN085439.D RRF020 = VN085440.D
RRF010 = VN085441.D RRF005 = VN085442.D RRF001 = VN085443.D

COMPOUND	RRF100	RRF050	RRF020	RRF010	RRF005	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.594	0.551	0.544	0.481	0.527	0.416	0.519	12
cis-1,3-Dichloropropene	0.623	0.588	0.601	0.527	0.538	0.450	0.554	11.4
1,1,2-Trichloroethane	0.348	0.340	0.353	0.309	0.349	0.314	0.335	5.7
2-Hexanone	0.358	0.357	0.353	0.298	0.302	0.261	0.321	12.6
Dibromochloromethane	0.430	0.414	0.412	0.368	0.420	0.386	0.405	5.8
1,2-Dibromoethane	0.349	0.334	0.356	0.309	0.321	0.334	0.334	5.2
Tetrachloroethene	0.351	0.322	0.365	0.338	0.346	0.323	0.341	4.9
Chlorobenzene	1.133	1.076	1.154	1.047	1.110	1.051	1.095	4
Ethyl Benzene	2.072	1.867	1.940	1.685	1.709	1.430	1.784	12.7
m/p-Xylenes	0.775	0.707	0.750	0.615	0.616	0.492	0.659	16
o-Xylene	0.738	0.681	0.713	0.584	0.582	0.482	0.630	15.5
Styrene	1.271	1.173	1.186	0.956	0.929	0.742	1.043	19.2
Bromoform	0.311	0.311	0.312	0.273	0.284	0.235	0.288	10.6
Isopropylbenzene	3.922	3.448	3.681	3.272	3.157	2.766	3.375	12.1
1,1,2,2-Tetrachloroethane	1.121	1.145	1.187	1.157	1.228	1.314	1.192	5.9
1,3-Dichlorobenzene	1.720	1.565	1.701	1.574	1.656	1.526	1.624	4.9
1,4-Dichlorobenzene	1.706	1.562	1.713	1.607	1.743	1.767	1.683	4.8
1,2-Dichlorobenzene	1.611	1.555	1.654	1.532	1.600	1.766	1.620	5.2
1,2-Dibromo-3-Chloropropane	0.218	0.222	0.224	0.212	0.228	0.202	0.218	4.3
1,2,4-Trichlorobenzene	0.858	0.781	0.799	0.704	0.717	0.658	0.753	9.7
1,2,3-Trichlorobenzene	0.817	0.786	0.792	0.732	0.693	0.750	0.762	6
1,2-Dichloroethane-d4	0.774	0.831	0.754	0.762	0.914		0.807	8.3
Dibromofluoromethane	0.359	0.358	0.335	0.310	0.373		0.347	7.1
Toluene-d8	1.339	1.267	1.207	1.076	1.274		1.232	8.1
4-Bromofluorobenzene	0.475	0.449	0.410	0.357	0.417		0.422	10.6

* 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.

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.: Q1332 SAS No.: Q1332 SDG No.: Q1332

Instrument ID: MSVOA_X Calibration Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:25 12:28

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

LAB FILE ID: RRF001 = VX044868.D RRF005 = VX044869.D RRF020 = VX044870.D
RRF050 = VX044871.D RRF100 = VX044872.D RRF150 = VX044873.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.723	0.669	0.716	0.700	0.706	0.693	0.701	2.7
Chloromethane	0.958	0.860	0.862	0.843	0.805	0.793	0.854	6.9
Vinyl Chloride	0.839	0.846	0.847	0.808	0.807	0.814	0.827	2.3
Bromomethane		0.248	0.252	0.249	0.242	0.246	0.247	1.4
Chloroethane	0.500	0.288	0.280	0.341	0.249	0.181	0.307	35.4
Trichlorofluoromethane	1.062	1.066	1.096	1.029	1.013	1.008	1.046	3.3
1,1,2-Trichlorotrifluoroethane	0.583	0.647	0.668	0.626	0.631	0.637	0.632	4.5
1,1-Dichloroethene	0.647	0.639	0.661	0.630	0.632	0.657	0.644	2
Acetone	0.305	0.292	0.298	0.293	0.285	0.292	0.294	2.3
Carbon Disulfide	1.689	1.732	1.786	1.762	1.789	1.846	1.767	3
Methyl tert-butyl Ether	1.941	2.065	2.130	2.046	2.011	2.110	2.050	3.4
Methyl Acetate	0.882	0.901	0.926	0.946	0.922	0.995	0.928	4.2
Methylene Chloride	0.747	0.717	0.741	0.704	0.695	0.720	0.721	2.8
trans-1,2-Dichloroethene	0.608	0.622	0.657	0.640	0.633	0.644	0.634	2.7
1,1-Dichloroethane	1.155	1.257	1.292	1.227	1.209	1.257	1.233	3.9
Cyclohexane		1.154	1.174	1.121	1.107	1.127	1.137	2.4
2-Butanone	0.422	0.472	0.504	0.506	0.477	0.487	0.478	6.4
Carbon Tetrachloride	0.457	0.466	0.478	0.453	0.445	0.459	0.460	2.4
cis-1,2-Dichloroethene	0.680	0.783	0.812	0.758	0.758	0.779	0.762	5.9
Bromochloromethane	0.634	0.579	0.607	0.584	0.572	0.579	0.593	4
Chloroform	1.167	1.209	1.268	1.169	1.153	1.208	1.196	3.5
1,1,1-Trichloroethane	1.014	1.003	1.051	1.005	0.984	1.028	1.014	2.3
Methylcyclohexane	0.509	0.571	0.667	0.622	0.634	0.635	0.606	9.4
Benzene	1.370	1.488	1.577	1.470	1.429	1.453	1.465	4.7
1,2-Dichloroethane	0.417	0.465	0.502	0.472	0.462	0.482	0.467	6.1
Trichloroethene	0.293	0.340	0.367	0.335	0.332	0.343	0.335	7.2
1,2-Dichloropropane	0.343	0.354	0.389	0.367	0.360	0.372	0.364	4.3
Bromodichloromethane	0.428	0.481	0.514	0.500	0.500	0.513	0.489	6.6
4-Methyl-2-Pentanone	0.439	0.514	0.562	0.554	0.506	0.498	0.512	8.6
Toluene	0.776	0.872	0.957	0.898	0.866	0.864	0.872	6.7

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

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.: Q1332 SAS No.: Q1332 SDG No.: Q1332

Instrument ID: MSVOA_X Calibration Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Calibration Time(s): 10:25 12:28

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

LAB FILE ID: RRF001 = VX044868.D RRF005 = VX044869.D RRF020 = VX044870.D
RRF050 = VX044871.D RRF100 = VX044872.D RRF150 = VX044873.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.417	0.451	0.518	0.514	0.528	0.543	0.495	10
cis-1,3-Dichloropropene	0.452	0.511	0.587	0.577	0.587	0.599	0.552	10.5
1,1,2-Trichloroethane	0.307	0.342	0.362	0.341	0.331	0.329	0.335	5.4
2-Hexanone	0.313	0.360	0.406	0.404	0.369	0.362	0.369	9.3
Dibromochloromethane	0.317	0.342	0.381	0.373	0.368	0.370	0.359	6.7
1,2-Dibromoethane	0.302	0.330	0.367	0.350	0.345	0.345	0.340	6.5
Tetrachloroethene	0.306	0.311	0.343	0.310	0.307	0.314	0.315	4.4
Chlorobenzene	0.969	1.093	1.140	1.096	1.071	1.076	1.074	5.3
Ethyl Benzene	1.690	1.873	2.021	1.935	1.923	1.929	1.895	5.9
m/p-Xylenes	0.616	0.700	0.754	0.724	0.706	0.694	0.699	6.6
o-Xylene	0.661	0.721	0.747	0.707	0.691	0.681	0.701	4.4
Styrene	0.909	1.124	1.249	1.199	1.161	1.139	1.130	10.4
Bromoform	0.186	0.247	0.272	0.280	0.276	0.287	0.258	14.7
Isopropylbenzene	3.735	4.012	4.347	4.045	3.940	4.076	4.026	4.9
1,1,2,2-Tetrachloroethane	1.429	1.403	1.438	1.366	1.305	1.360	1.383	3.6
1,3-Dichlorobenzene	1.616	1.669	1.741	1.679	1.663	1.703	1.678	2.5
1,4-Dichlorobenzene	1.662	1.712	1.762	1.686	1.660	1.701	1.697	2.2
1,2-Dichlorobenzene	1.512	1.713	1.763	1.666	1.604	1.639	1.650	5.3
1,2-Dibromo-3-Chloropropane	0.202	0.236	0.268	0.258	0.261	0.289	0.252	11.9
1,2,4-Trichlorobenzene	0.860	0.934	1.013	1.013	1.057	1.112	0.998	9
1,2,3-Trichlorobenzene	0.858	0.952	1.042	1.031	1.043	1.109	1.006	8.7
1,2-Dichloroethane-d4		0.764	0.718	0.723	0.707	0.747	0.732	3.2
Dibromofluoromethane		0.335	0.322	0.320	0.320	0.328	0.325	2
Toluene-d8		1.239	1.249	1.239	1.208	1.212	1.229	1.5
4-Bromofluorobenzene		0.404	0.410	0.431	0.415	0.412	0.414	2.5

* 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.

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.: Q1332 SAS No.: Q1332 SDG No.: Q1332

Instrument ID: MSVOA_N Calibration Date/Time: 02/10/2025 12:12

Lab File ID: VN085718.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 14:56 17:19

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.677	0.796		17.58	20
Chloromethane	0.733	0.752	0.1	2.59	20
Vinyl Chloride	0.737	0.810		9.9	20
Bromomethane	0.445	0.505		13.48	20
Chloroethane	0.467	0.493		5.57	20
Trichlorofluoromethane	1.069	1.121		4.86	20
1,1,2-Trichlorotrifluoroethane	0.602	0.644		6.98	20
1,1-Dichloroethene	0.537	0.606		12.85	20
Acetone	0.261	0.229		-12.26	20
Carbon Disulfide	1.652	1.770		7.14	20
Methyl tert-butyl Ether	1.742	1.949		11.88	20
Methyl Acetate	0.793	0.732		-7.69	20
Methylene Chloride	0.646	0.682		5.57	20
trans-1,2-Dichloroethene	0.573	0.644		12.39	20
1,1-Dichloroethane	1.178	1.205	0.1	2.29	20
Cyclohexane	1.024	0.971		-5.18	20
2-Butanone	0.384	0.363		-5.47	20
Carbon Tetrachloride	0.557	0.585		5.03	20
cis-1,2-Dichloroethene	0.675	0.757		12.15	20
Bromochloromethane	0.548	0.459		-16.24	20
Chloroform	1.218	1.237		1.56	20
1,1,1-Trichloroethane	1.068	1.115		4.4	20
Methylcyclohexane	0.457	0.518		13.35	20
Benzene	1.463	1.580		8	20
1,2-Dichloroethane	0.551	0.537		-2.54	20
Trichloroethene	0.341	0.372		9.09	20
1,2-Dichloropropane	0.374	0.377		0.8	20
Bromodichloromethane	0.549	0.577		5.1	20
4-Methyl-2-Pentanone	0.457	0.447		-2.19	20
Toluene	0.848	0.973		14.74	20
t-1,3-Dichloropropene	0.519	0.582		12.14	20
cis-1,3-Dichloropropene	0.554	0.630		13.72	20
1,1,2-Trichloroethane	0.335	0.362		8.06	20
2-Hexanone	0.321	0.325		1.25	20
Dibromochloromethane	0.405	0.442		9.14	20
1,2-Dibromoethane	0.334	0.351		5.09	20
Tetrachloroethene	0.341	0.392		14.96	20
Chlorobenzene	1.095	1.209	0.3	10.41	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.: Q1332 SAS No.: Q1332 SDG No.: Q1332

Instrument ID: MSVOA_N Calibration Date/Time: 02/10/2025 12:12

Lab File ID: VN085718.D Init. Calib. Date(s): 01/14/2025 01/14/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 14:56 17:19

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.784	2.105		17.99	20
m/p-Xylenes	0.659	0.816		23.82	20
o-Xylene	0.630	0.777		23.33	20
Styrene	1.043	1.307		25.31	20
Bromoform	0.288	0.333	0.1	15.63	20
Isopropylbenzene	3.375	3.842		13.84	20
1,1,2,2-Tetrachloroethane	1.192	1.189	0.3	-0.25	20
1,3-Dichlorobenzene	1.624	1.781		9.67	20
1,4-Dichlorobenzene	1.683	1.754		4.22	20
1,2-Dichlorobenzene	1.620	1.714		5.8	20
1,2-Dibromo-3-Chloropropane	0.218	0.219		0.46	20
1,2,4-Trichlorobenzene	0.753	0.832		10.49	20
1,2,3-Trichlorobenzene	0.762	0.820		7.61	20
1,2-Dichloroethane-d4	0.807	0.653		-19.08	20
Dibromofluoromethane	0.347	0.319		-8.07	20
Toluene-d8	1.232	1.130		-8.28	20
4-Bromofluorobenzene	0.422	0.404		-4.26	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.: Q1332 SAS No.: Q1332 SDG No.: Q1332

Instrument ID: MSVOA_X Calibration Date/Time: 02/11/2025 10:09

Lab File ID: VX044893.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.701	0.665		-5.14	20
Chloromethane	0.854	0.769	0.1	-9.95	20
Vinyl Chloride	0.827	0.753		-8.95	20
Bromomethane	0.247	0.240		-2.83	20
Chloroethane	0.307	0.329		7.17	20
Trichlorofluoromethane	1.046	0.998		-4.59	20
1,1,2-Trichlorotrifluoroethane	0.632	0.607		-3.96	20
1,1-Dichloroethene	0.644	0.595		-7.61	20
Acetone	0.294	0.277		-5.78	20
Carbon Disulfide	1.767	1.631		-7.7	20
Methyl tert-butyl Ether	2.050	2.002		-2.34	20
Methyl Acetate	0.928	0.885		-4.63	20
Methylene Chloride	0.721	0.677		-6.1	20
trans-1,2-Dichloroethene	0.634	0.597		-5.84	20
1,1-Dichloroethane	1.233	1.179	0.1	-4.38	20
Cyclohexane	1.137	1.078		-5.19	20
2-Butanone	0.478	0.467		-2.3	20
Carbon Tetrachloride	0.460	0.449		-2.39	20
cis-1,2-Dichloroethene	0.762	0.732		-3.94	20
Bromochloromethane	0.593	0.503		-15.18	20
Chloroform	1.196	1.146		-4.18	20
1,1,1-Trichloroethane	1.014	0.966		-4.73	20
Methylcyclohexane	0.606	0.637		5.12	20
Benzene	1.465	1.449		-1.09	20
1,2-Dichloroethane	0.467	0.482		3.21	20
Trichloroethene	0.335	0.334		-0.3	20
1,2-Dichloropropane	0.364	0.371		1.92	20
Bromodichloromethane	0.489	0.514		5.11	20
4-Methyl-2-Pentanone	0.512	0.530		3.52	20
Toluene	0.872	0.893		2.41	20
t-1,3-Dichloropropene	0.495	0.525		6.06	20
cis-1,3-Dichloropropene	0.552	0.586		6.16	20
1,1,2-Trichloroethane	0.335	0.344		2.69	20
2-Hexanone	0.369	0.384		4.07	20
Dibromochloromethane	0.359	0.377		5.01	20
1,2-Dibromoethane	0.340	0.350		2.94	20
Tetrachloroethene	0.315	0.300		-4.76	20
Chlorobenzene	1.074	1.049	0.3	-2.33	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.: Q1332 SAS No.: Q1332 SDG No.: Q1332

Instrument ID: MSVOA_X Calibration Date/Time: 02/11/2025 10:09

Lab File ID: VX044893.D Init. Calib. Date(s): 02/10/2025 02/10/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 10:25 12:28

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.895	1.879		-0.84	20
m/p-Xylenes	0.699	0.699		0	20
o-Xylene	0.701	0.691		-1.43	20
Styrene	1.130	1.147		1.5	20
Bromoform	0.258	0.264	0.1	2.33	20
Isopropylbenzene	4.026	3.967		-1.47	20
1,1,2,2-Tetrachloroethane	1.383	1.311	0.3	-5.21	20
1,3-Dichlorobenzene	1.678	1.655		-1.37	20
1,4-Dichlorobenzene	1.697	1.639		-3.42	20
1,2-Dichlorobenzene	1.650	1.615		-2.12	20
1,2-Dibromo-3-Chloropropane	0.252	0.248		-1.59	20
1,2,4-Trichlorobenzene	0.998	1.016		1.8	20
1,2,3-Trichlorobenzene	1.006	1.001		-0.5	20
1,2-Dichloroethane-d4	0.732	0.712		-2.73	20
Dibromofluoromethane	0.325	0.323		-0.62	20
Toluene-d8	1.229	1.230		0.08	20
4-Bromofluorobenzene	0.414	0.426		2.9	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_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Time: Feb 11 03:27:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

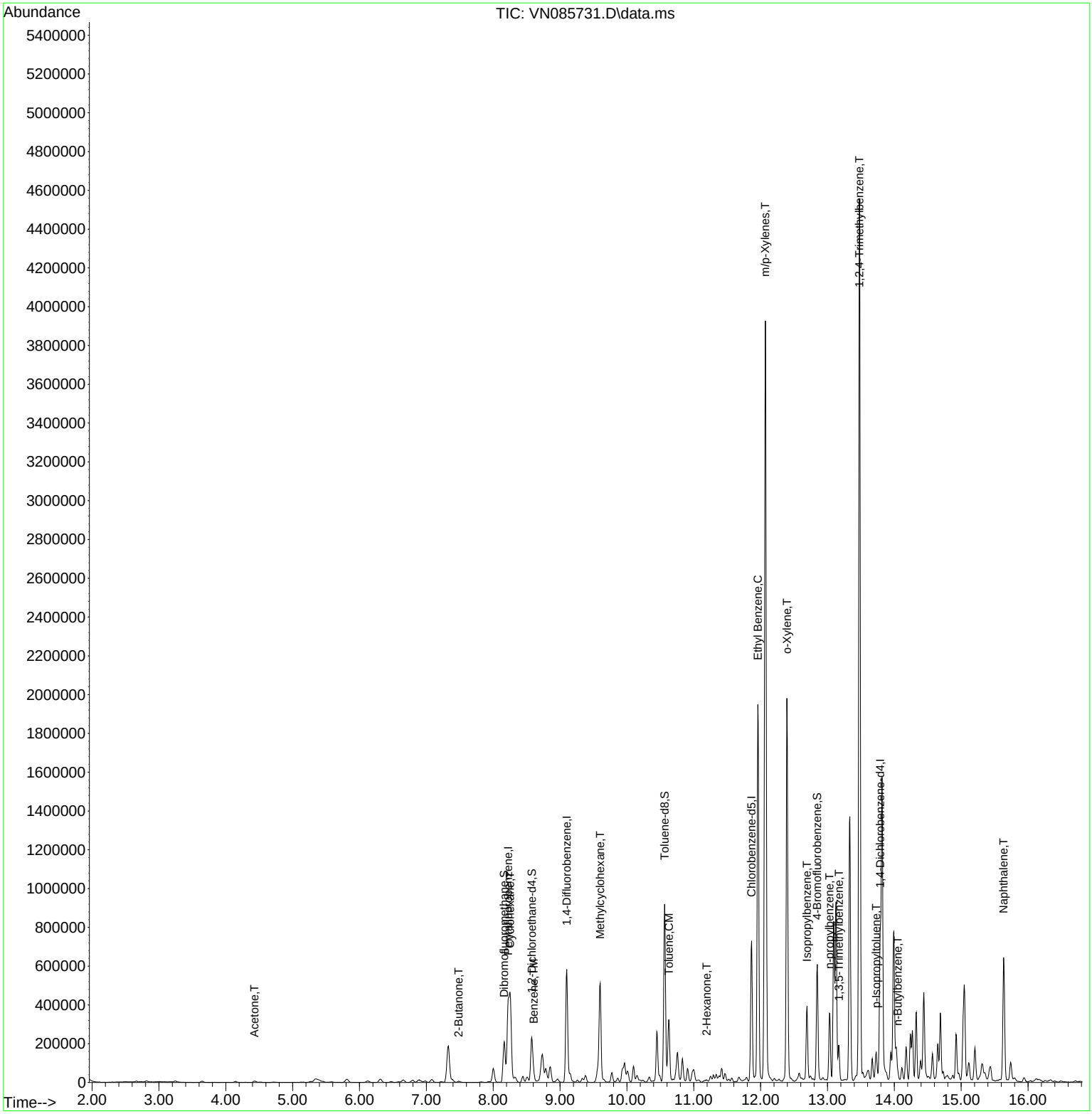
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	247634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	449721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	407986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	197417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	182475	45.649	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 91.300%			
35) Dibromofluoromethane	8.165	113	151983	48.713	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.420%			
50) Toluene-d8	10.565	98	586747	52.931	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.860%			
62) 4-Bromofluorobenzene	12.847	95	210390	55.483	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.960%			
Target Compounds						Qvalue
16) Acetone	4.430	43	13633	10.555	ug/l	96
25) 2-Butanone	7.482	43	9508	5.002	ug/l	93
31) Cyclohexane	8.253	56	237463	46.809	ug/l	92
39) Methylcyclohexane	9.600	83	216393	52.589	ug/l	97
40) Benzene	8.606	78	40500	3.078	ug/l	100
52) Toluene	10.629	92	139288	18.271	ug/l	100
59) 2-Hexanone	11.194	43	6517	2.254	ug/l	65
67) Ethyl Benzene	11.959	91	1398077	96.041	ug/l	99
68) m/p-Xylenes	12.070	106	1222370	227.205	ug/l	97
69) o-Xylene	12.394	106	524660	102.044	ug/l	98
73) Isopropylbenzene	12.694	105	252081	18.919	ug/l	99
78) n-propylbenzene	13.029	91	276431	17.525	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	78174	7.103	ug/l	89
84) 1,2,4-Trimethylbenzene	13.476	105	2644466	241.083	ug/l	98
86) p-Isopropyltoluene	13.729	119	46408	4.551	ug/l	99
89) n-Butylbenzene	14.053	91	24290	2.643	ug/l #	84
95) Naphthalene	15.635	128	583530	65.796	ug/l	99

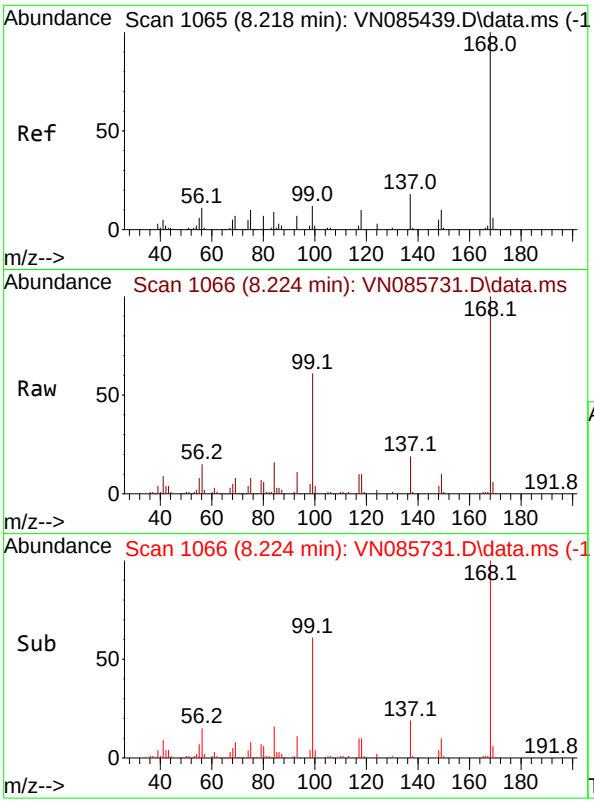
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Time: Feb 11 03:27:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



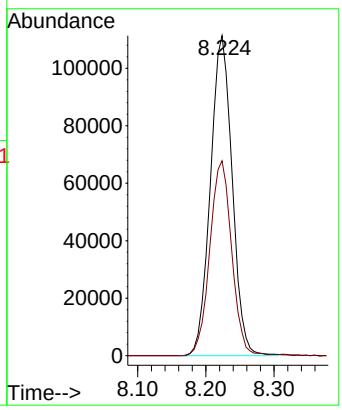


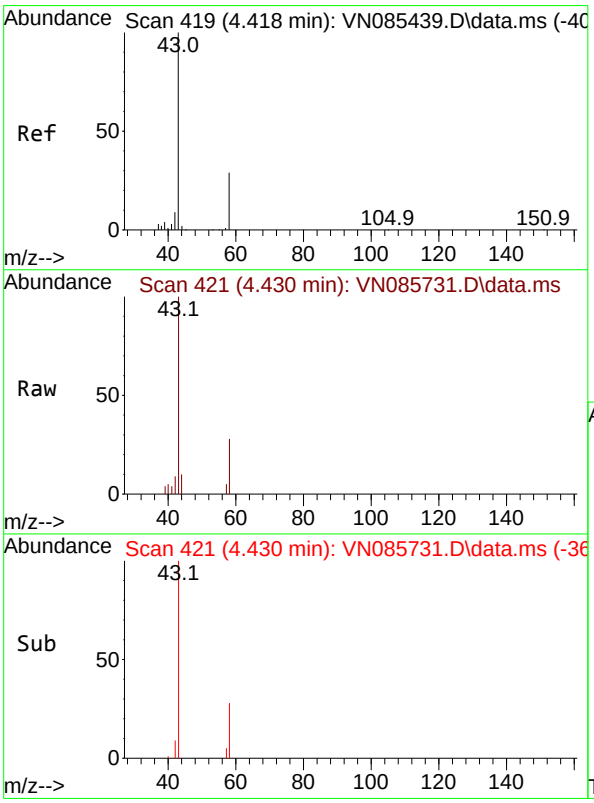
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:168 Resp: 247634

Ion	Ratio	Lower	Upper
168	100		
99	60.9	53.6	80.4

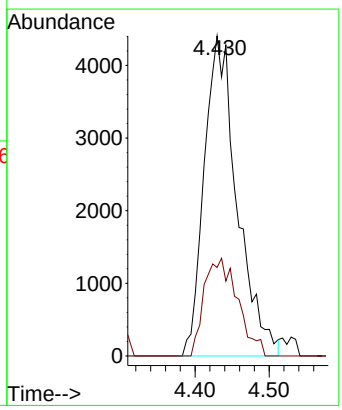


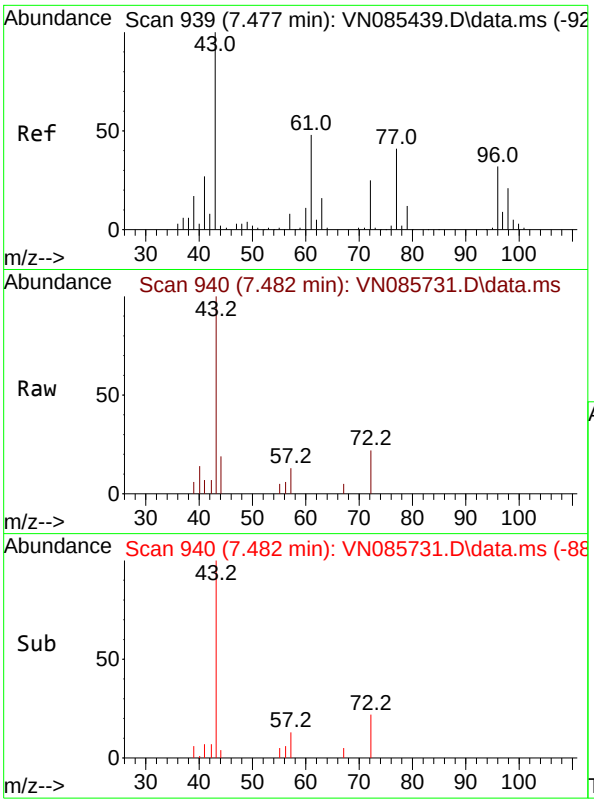


#16
Acetone
Concen: 10.555 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion: 43 Resp: 13633

Ion	Ratio	Lower	Upper
43	100		
58	27.6	23.8	35.6



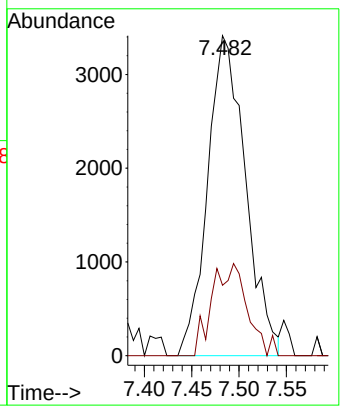


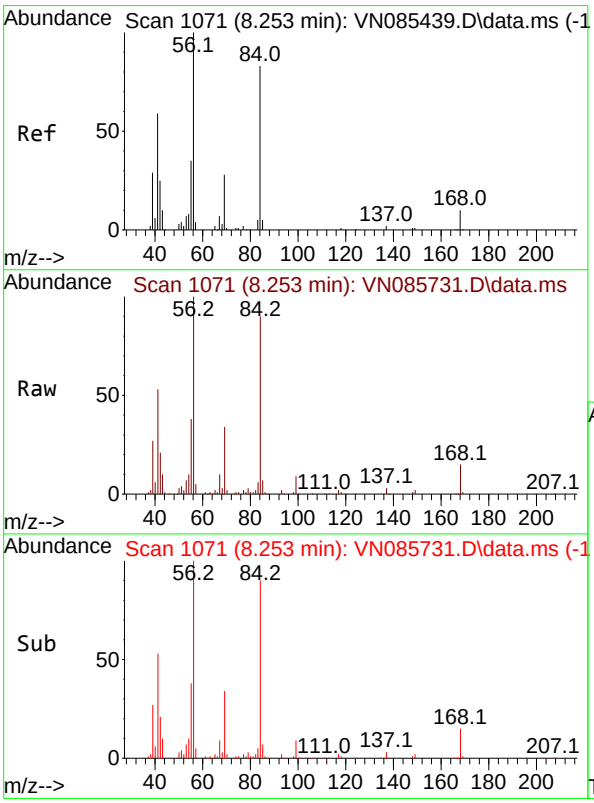
#25
2-Butanone
Concen: 5.002 ug/l
RT: 7.482 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 43 Resp: 9508

Ion	Ratio	Lower	Upper
43	100		
72	22.0	20.2	30.4

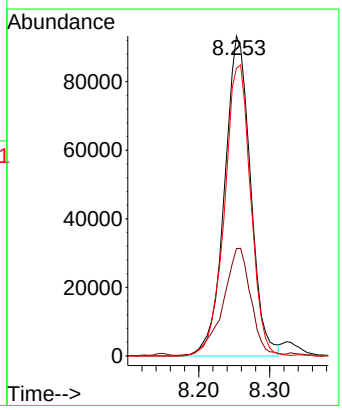


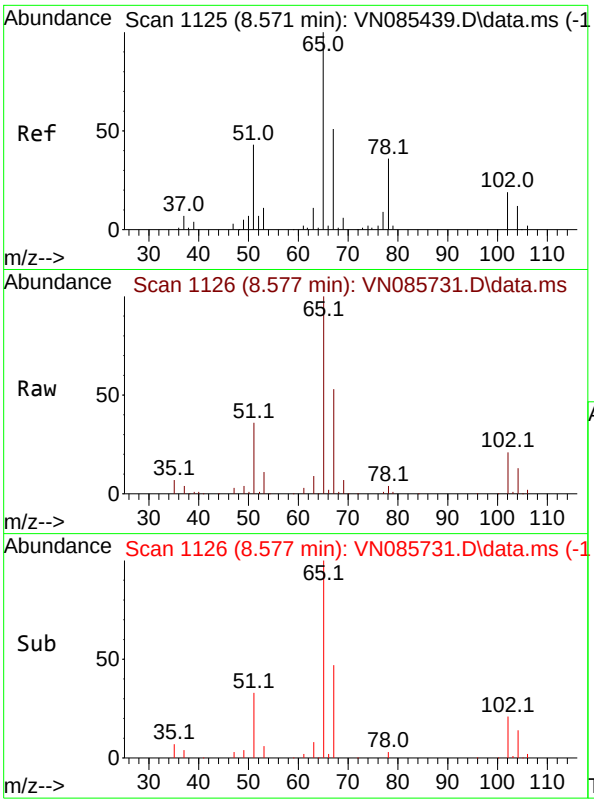


#31
Cyclohexane
Concen: 46.809 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion: 56 Resp: 237463

Ion	Ratio	Lower	Upper
56	100		
69	33.3	22.2	33.4
84	90.0	66.4	99.6



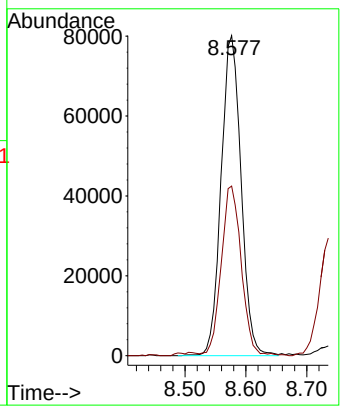


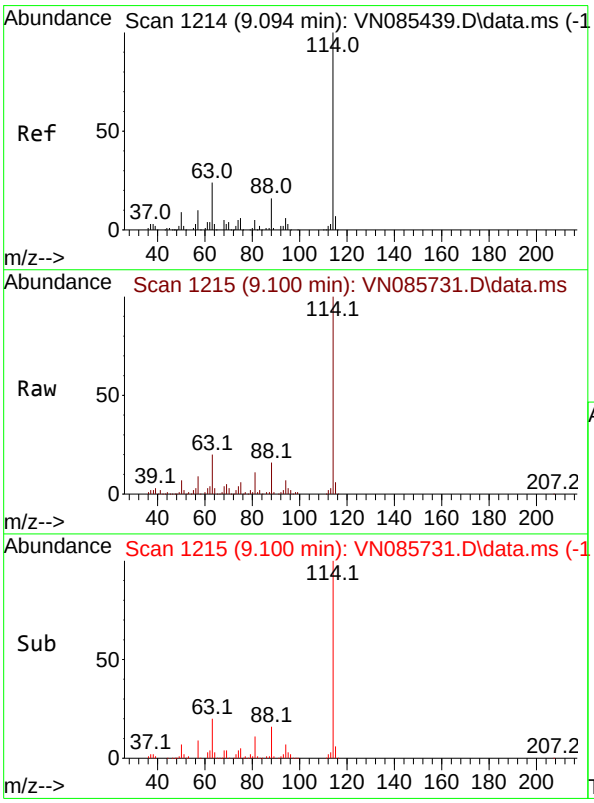
#33
1,2-Dichloroethane-d4
Concen: 45.649 ug/l
RT: 8.577 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 65 Resp: 182475

Ion	Ratio	Lower	Upper
65	100		
67	53.4	0.0	101.6

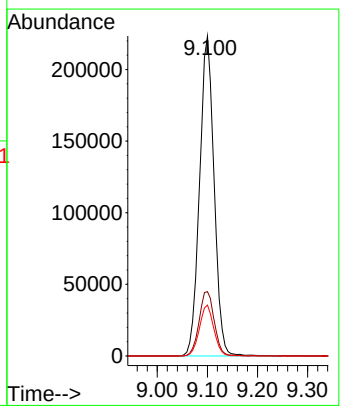


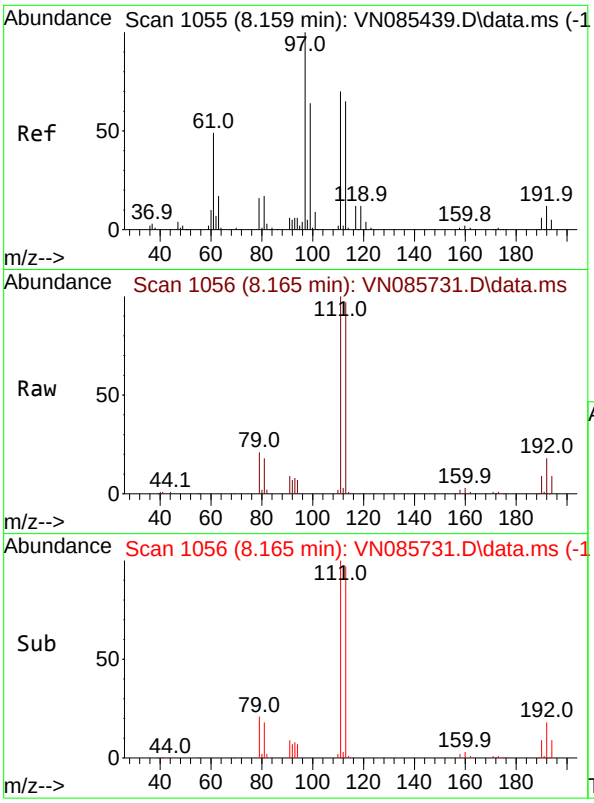


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion:114 Resp: 449721

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	47.6
88	15.9	0.0	32.6



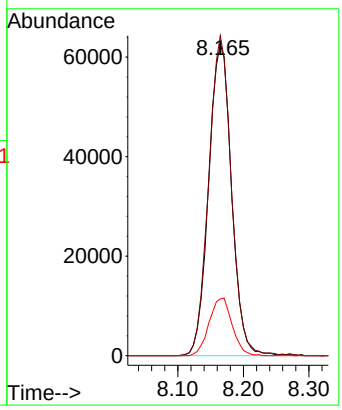


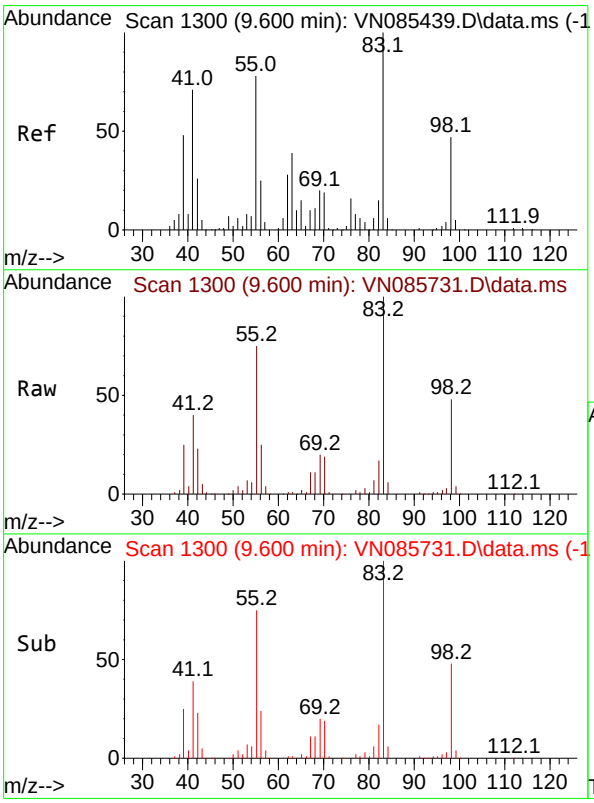
#35
Dibromofluoromethane
Concen: 48.713 ug/l
RT: 8.165 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:113 Resp: 151983

Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.7	124.1
192	18.6	14.3	21.5

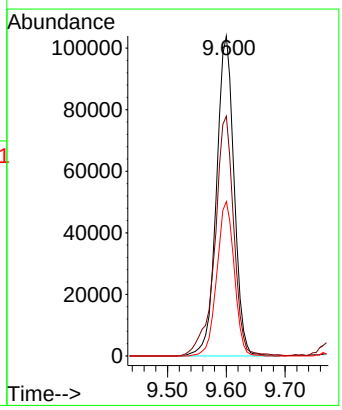


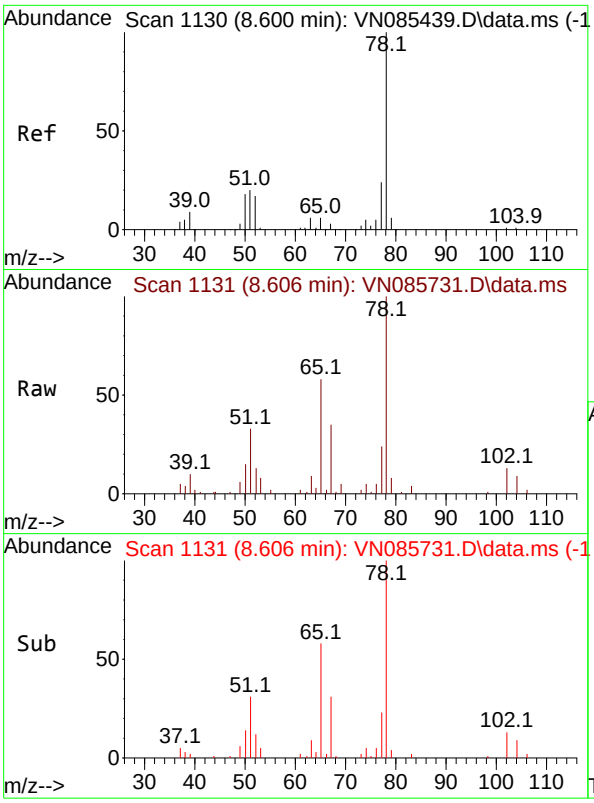


#39
Methylcyclohexane
Concen: 52.589 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion: 83 Resp: 216393

Ion	Ratio	Lower	Upper
83	100		
55	74.9	62.6	94.0
98	48.2	37.7	56.5



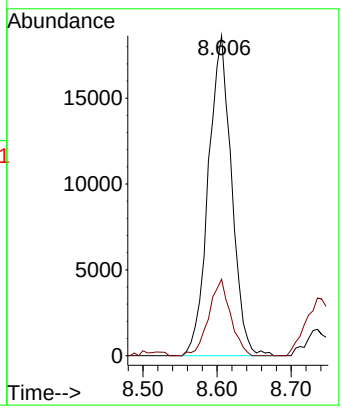


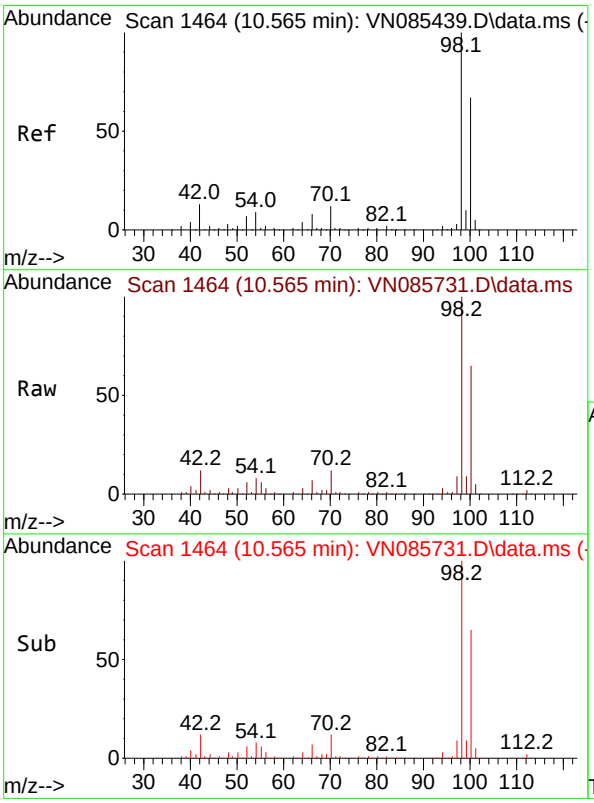
#40
Benzene
Concen: 3.078 ug/l
RT: 8.606 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 78 Resp: 40500

Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.0	28.6

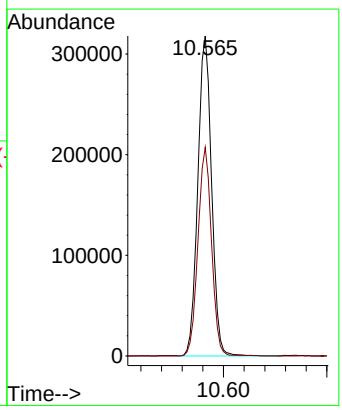


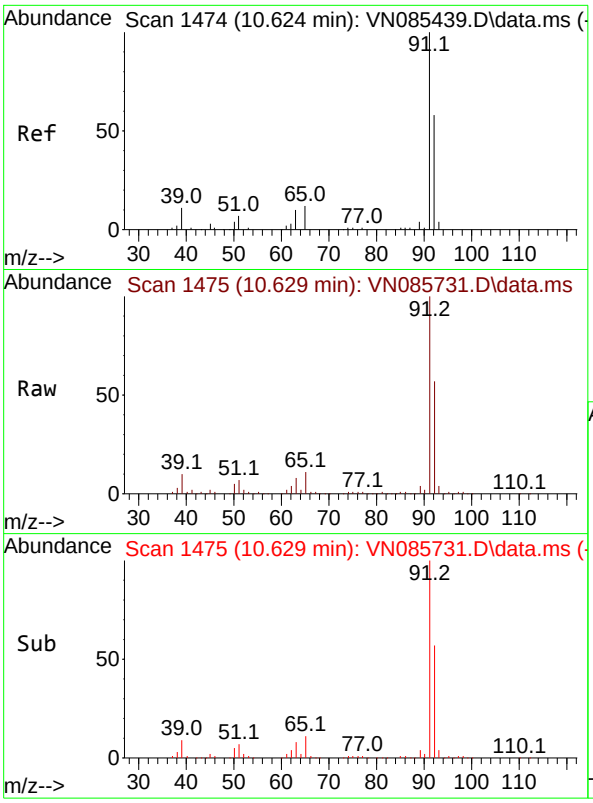


#50
Toluene-d8
Concen: 52.931 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion: 98 Resp: 586747

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.2	78.4



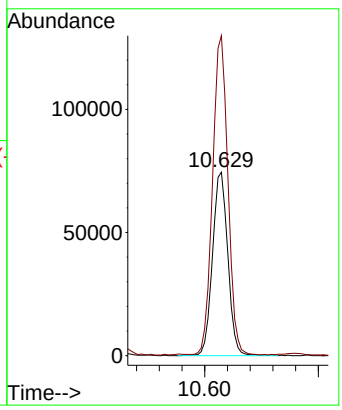


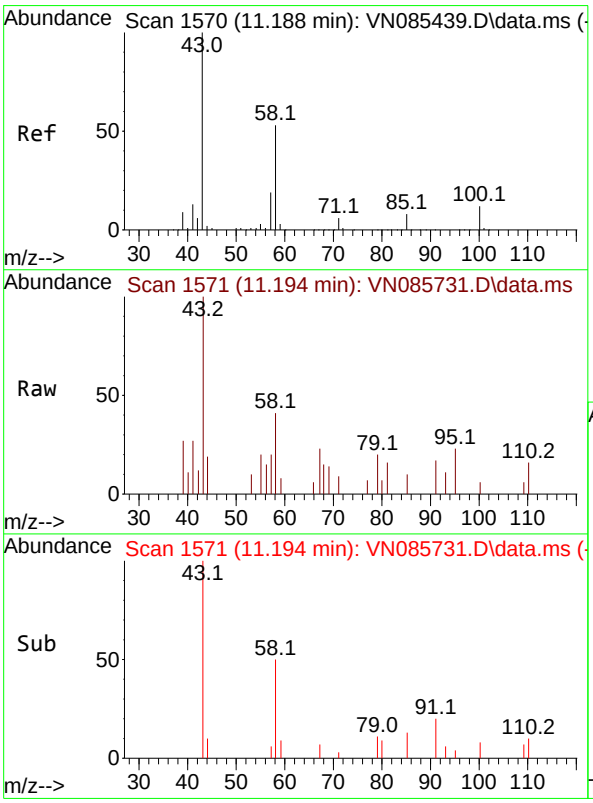
#52
Toluene
Concen: 18.271 ug/l
RT: 10.629 min Scan# 14
Delta R.T. 0.005 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 92 Resp: 139288

Ion	Ratio	Lower	Upper
92	100		
91	173.6	139.2	208.8

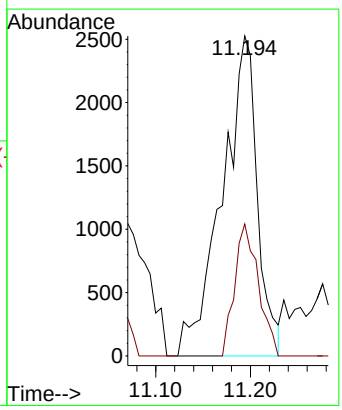


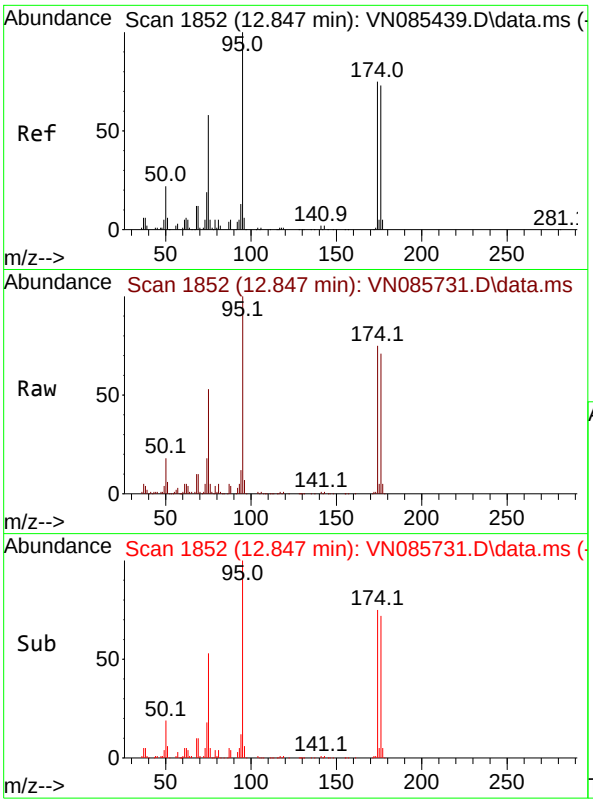


#59
2-Hexanone
Concen: 2.254 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion: 43 Resp: 6517

Ion	Ratio	Lower	Upper
43	100		
58	27.8	26.2	78.6



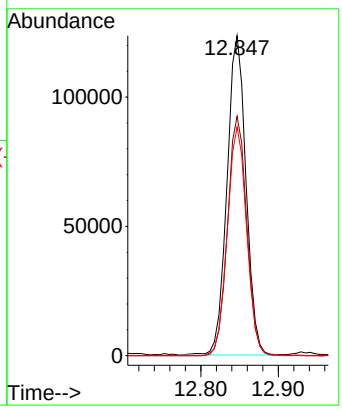


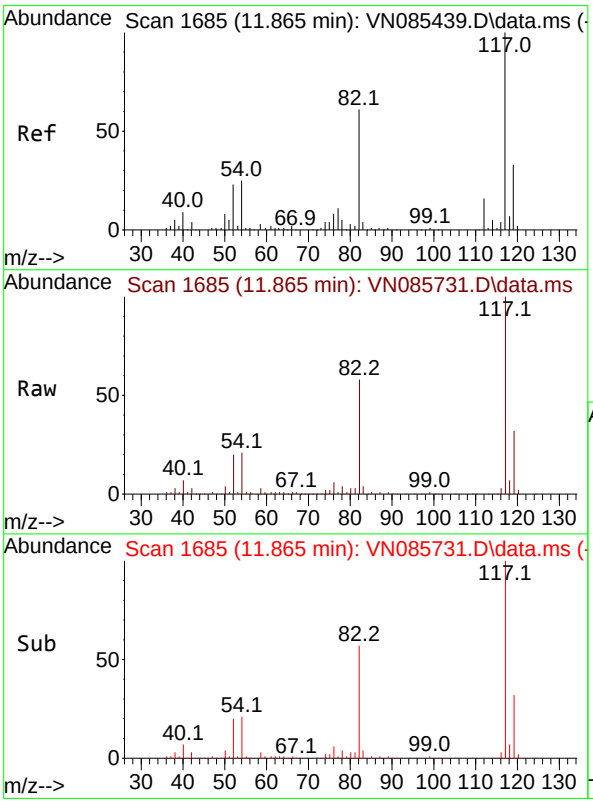
#62
4-Bromofluorobenzene
Concen: 55.483 ug/l
RT: 12.847 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion: 95 Resp: 210390

Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	145.0
176	72.7	0.0	142.4

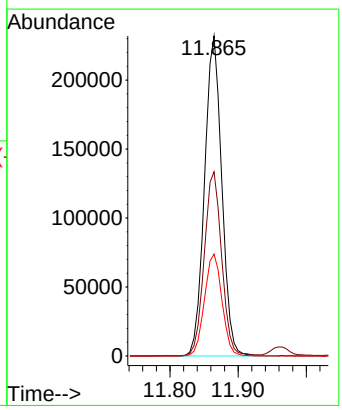




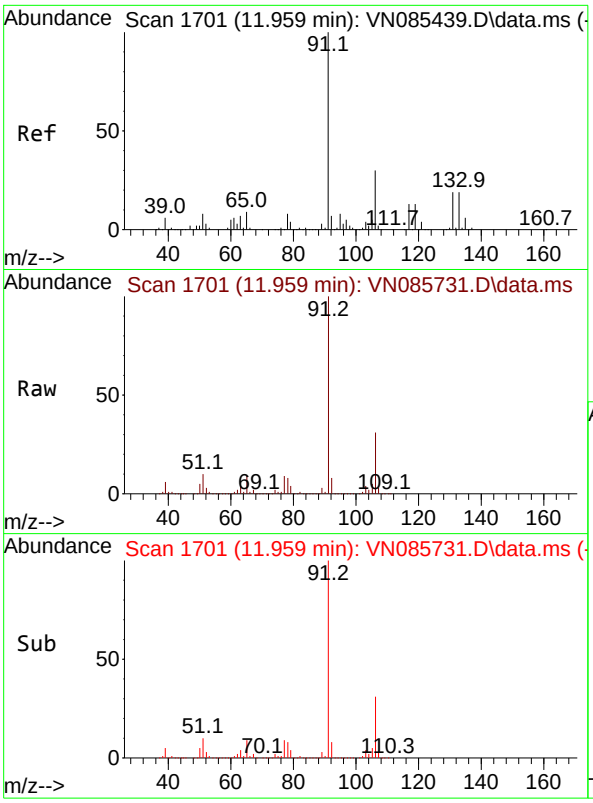
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion:117 Resp: 407986

Ion	Ratio	Lower	Upper
117	100		
82	57.4	48.6	72.8
119	31.8	26.6	39.8



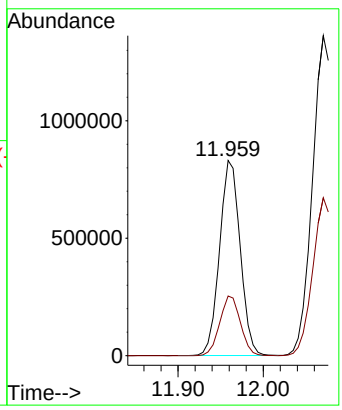
Instrument :
MSVOA_N
ClientSampleId :
MW1

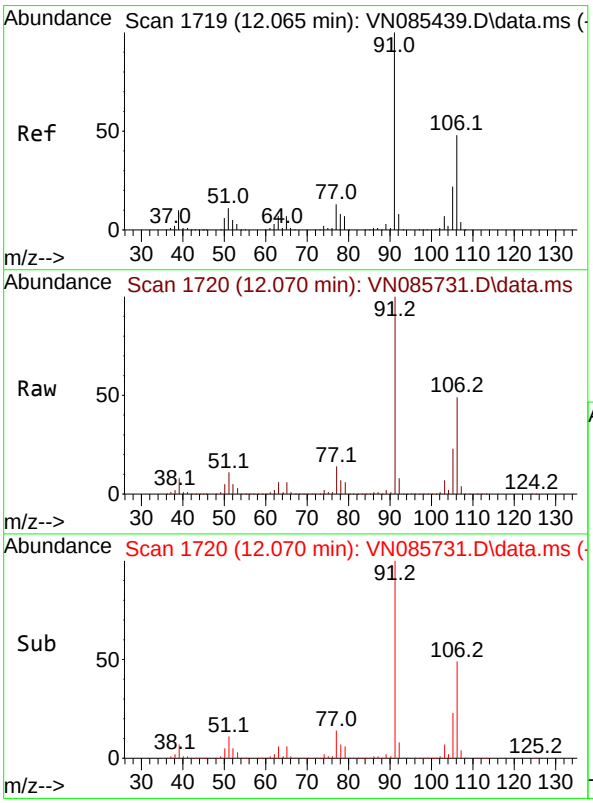


#67
Ethyl Benzene
Concen: 96.041 ug/l
RT: 11.959 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion: 91 Resp: 1398077

Ion	Ratio	Lower	Upper
91	100		
106	30.6	23.8	35.8

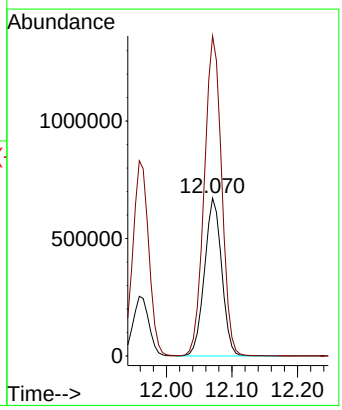


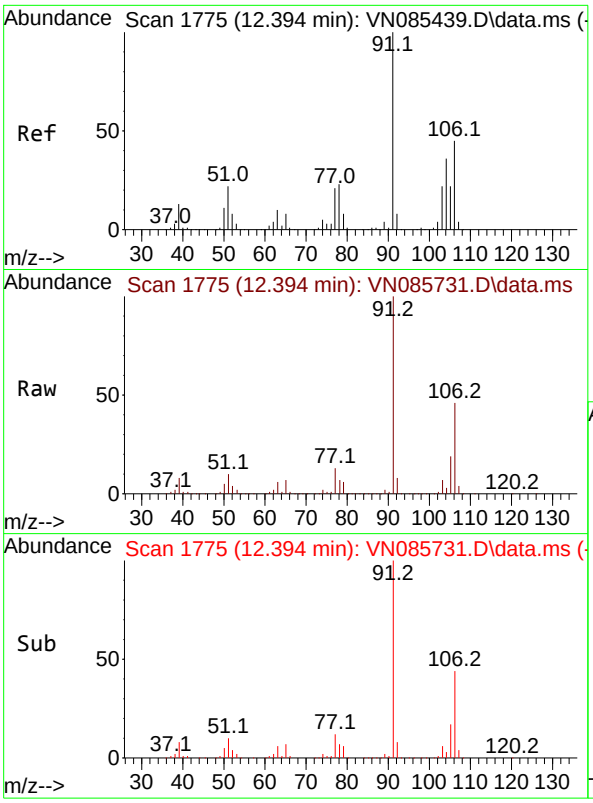


#68
m/p-Xylenes
Concen: 227.205 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion:106 Resp: 1222370

Ion	Ratio	Lower	Upper
106	100		
91	205.2	167.7	251.5



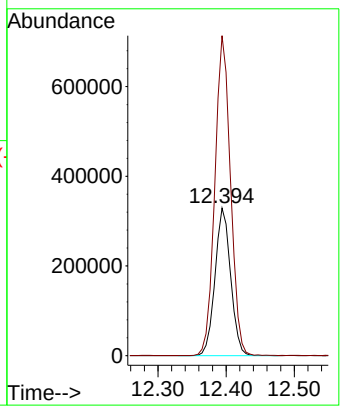


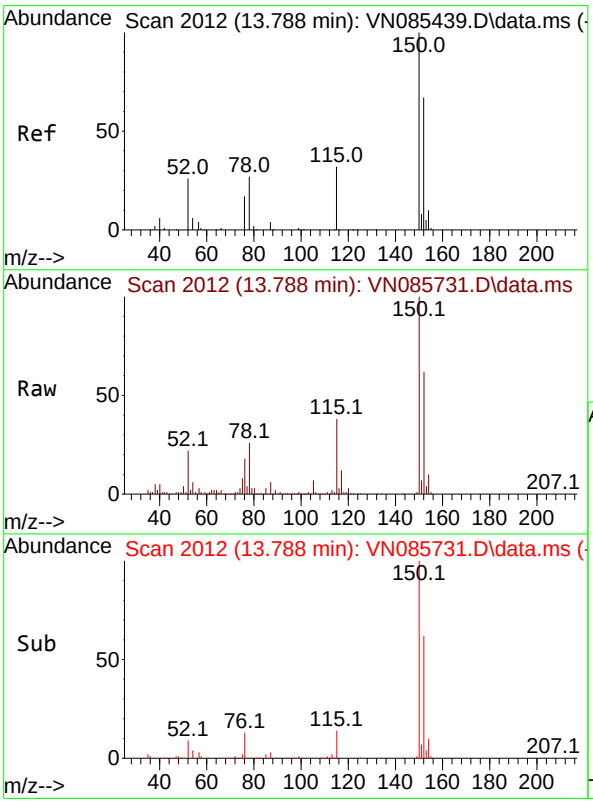
#69
o-Xylene
Concen: 102.044 ug/l
RT: 12.394 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:106 Resp: 524660

Ion	Ratio	Lower	Upper
106	100		
91	217.3	110.4	331.2

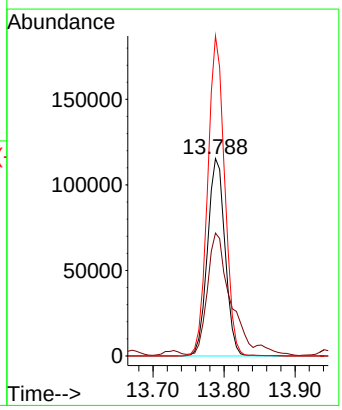


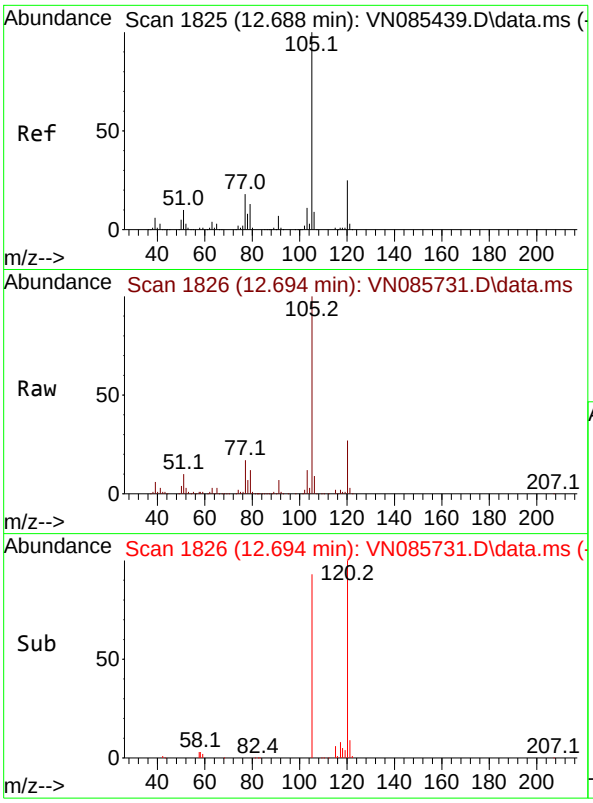


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion:152 Resp: 197417

Ion	Ratio	Lower	Upper
152	100		
115	78.0	31.1	93.3
150	157.2	0.0	343.6



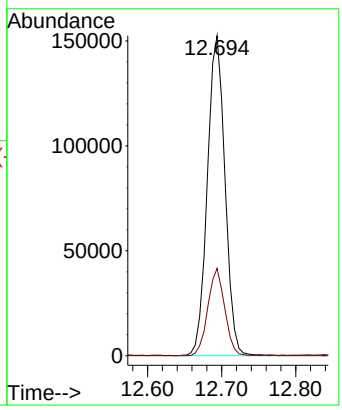


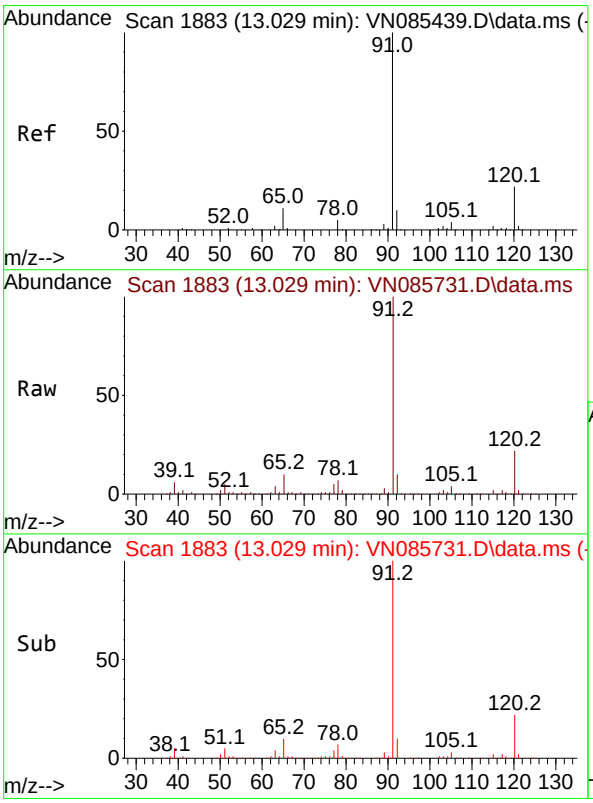
#73
Isopropylbenzene
Concen: 18.919 ug/l
RT: 12.694 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:105 Resp: 252081

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.3

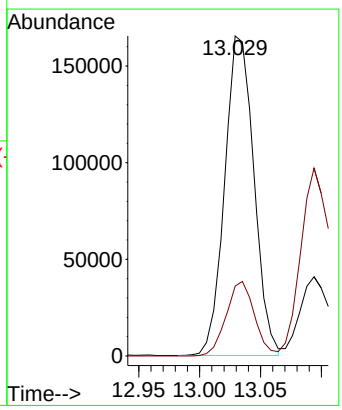




#78
n-propylbenzene
Concen: 17.525 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

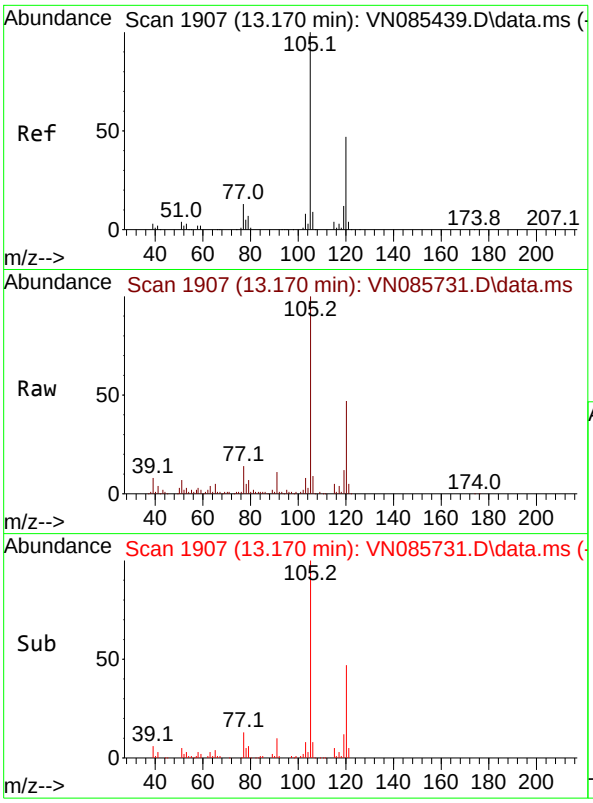
Tgt Ion: 91 Resp: 276431

Ion	Ratio	Lower	Upper
91	100		
120	22.6	10.9	32.6



5

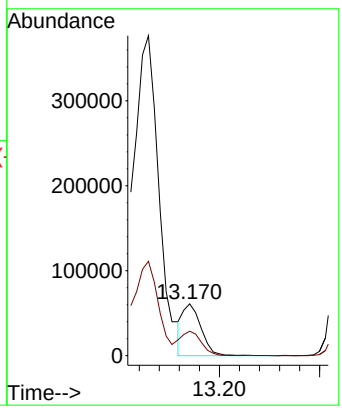
Instrument :
MSVOA_N
ClientSampleId :
MW1

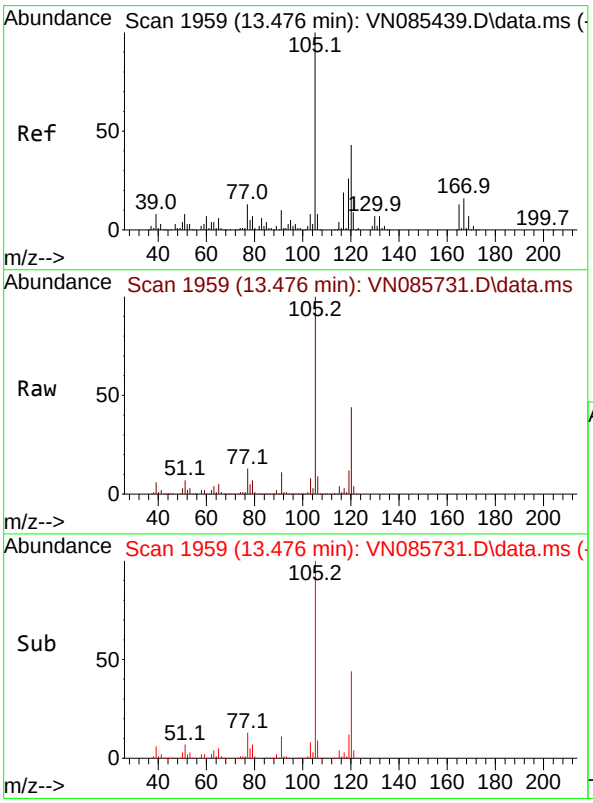


#80
1,3,5-Trimethylbenzene
Concen: 7.103 ug/l
RT: 13.170 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion:105 Resp: 78174

Ion	Ratio	Lower	Upper
105	100		
120	55.0	23.9	71.7

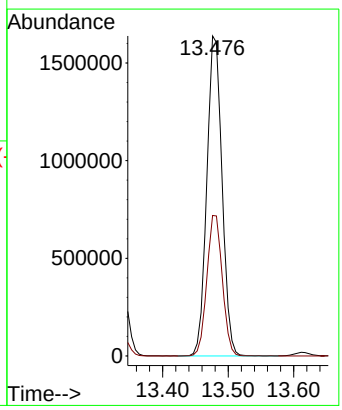


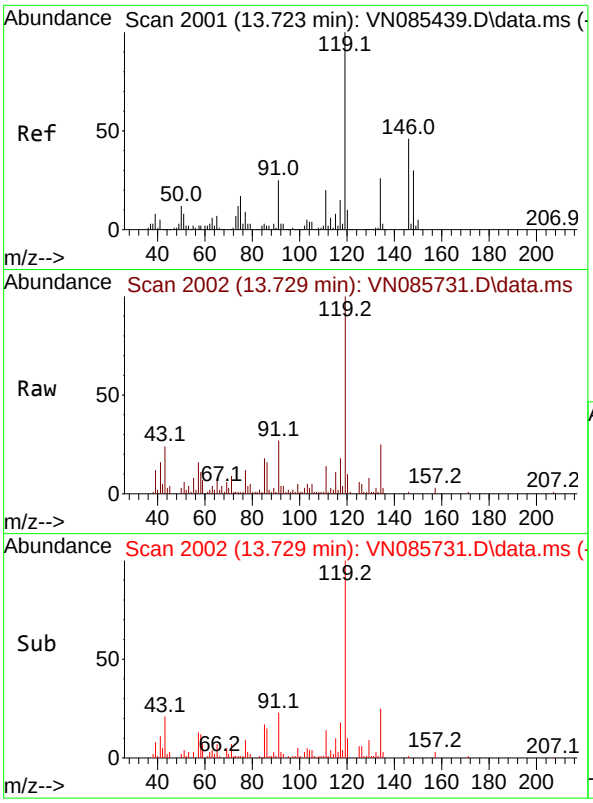


#84
1,2,4-Trimethylbenzene
Concen: 241.083 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion:105 Resp: 2644466

Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.6	65.0



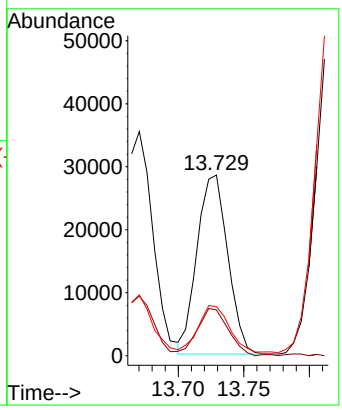


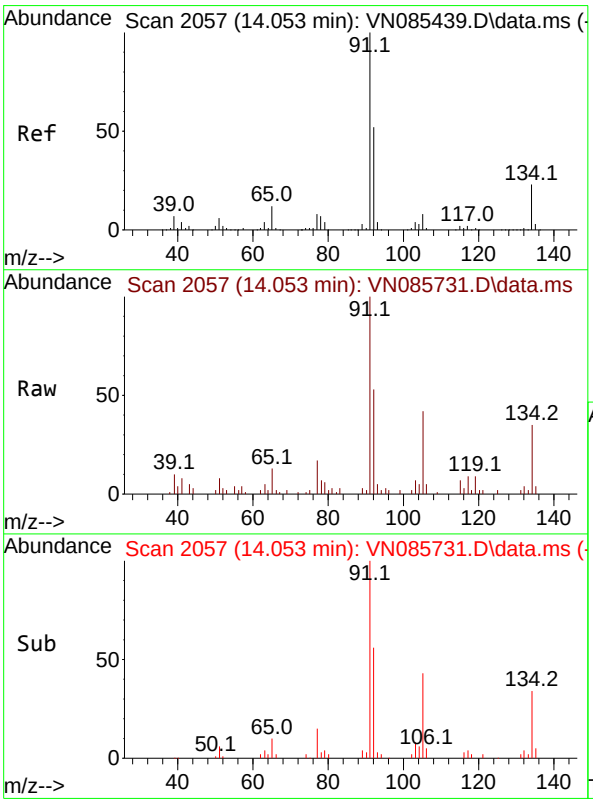
#86
p-Isopropyltoluene
Concen: 4.551 ug/l
RT: 13.729 min Scan# 2
Delta R.T. 0.006 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:119 Resp: 46408

Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.7	38.0
91	25.7	12.7	38.1

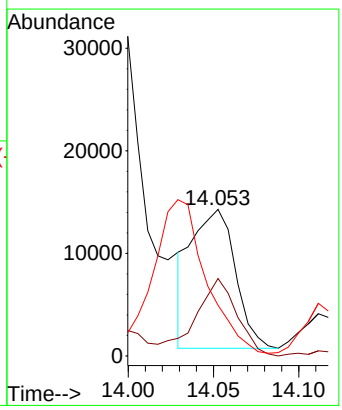


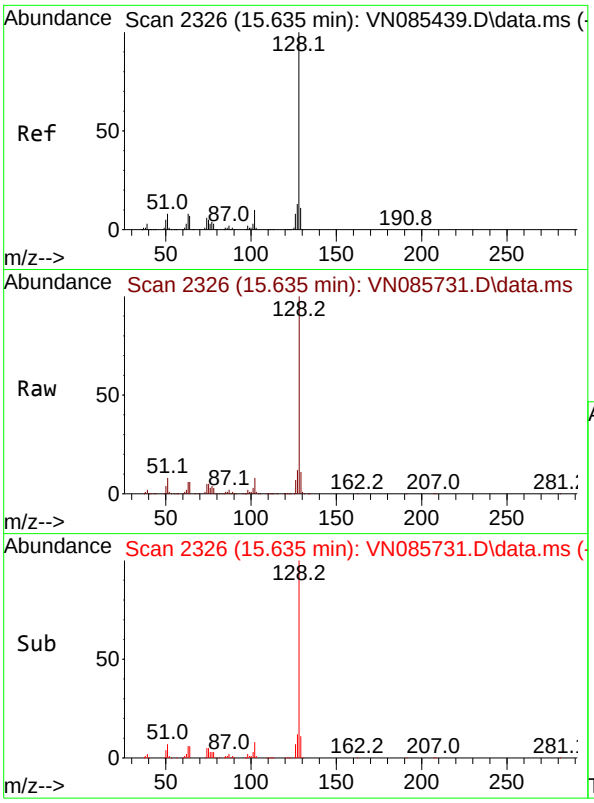


#89
n-Butylbenzene
Concen: 2.643 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Tgt Ion: 91 Resp: 24290

Ion	Ratio	Lower	Upper
91	100		
92	52.7	25.8	77.3
134	0.0	11.7	35.1#



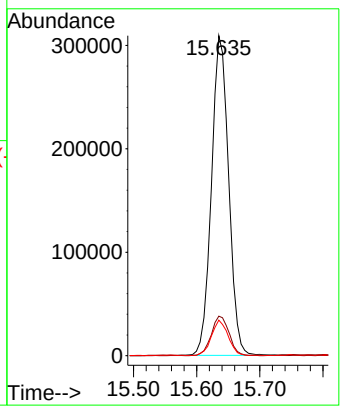


#95
Naphthalene
Concen: 65.796 ug/l
RT: 15.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: VN085731.D
Acq: 10 Feb 2025 18:11

Instrument :
MSVOA_N
ClientSampleId :
MW1

Tgt Ion:128 Resp: 583530

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	16.0
129	10.6	8.8	13.2



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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_N\methods\82N011425W.M
Title : SW846 8260

Signal : TIC: VN085731.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.330	902	914	932	rBV2	187184	567347	7.78%	1.039%
2	8.000	1020	1028	1037	rVB	70852	164669	2.26%	0.302%
3	8.165	1046	1056	1060	rBV2	208538	488841	6.71%	0.895%
4	8.253	1060	1071	1080	rVV2	464043	1874081	25.71%	3.432%
5	8.577	1119	1126	1137	rVV3	231275	595667	8.17%	1.091%
6	8.735	1140	1153	1158	rVV3	145518	427765	5.87%	0.783%
7	8.788	1158	1162	1168	rVV2	71039	171162	2.35%	0.313%
8	8.853	1168	1173	1181	rVV2	80284	186677	2.56%	0.342%
9	9.100	1206	1215	1222	rBV	581899	1231404	16.89%	2.255%
10	9.376	1258	1262	1271	rVB2	34405	75006	1.03%	0.137%
11	9.600	1280	1300	1308	rBV	510933	1212195	16.63%	2.220%
12	9.776	1322	1330	1337	rBV3	48291	93390	1.28%	0.171%
13	9.965	1350	1362	1366	rBV3	96277	309716	4.25%	0.567%
14	10.006	1366	1369	1378	rVB4	54400	116448	1.60%	0.213%
15	10.100	1378	1385	1390	rBV	79626	155329	2.13%	0.284%
16	10.447	1437	1444	1456	rVB	254360	511243	7.01%	0.936%
17	10.565	1456	1464	1470	rBV	913074	1725020	23.66%	3.159%
18	10.629	1470	1475	1483	rVB	310720	602113	8.26%	1.103%
19	10.759	1488	1497	1503	rVV4	146812	335255	4.60%	0.614%
20	10.829	1503	1509	1517	rVV2	113558	207548	2.85%	0.380%
21	10.906	1517	1522	1529	rVB	63689	113126	1.55%	0.207%
22	11.000	1529	1538	1546	rBV6	57804	164610	2.26%	0.301%
23	11.418	1605	1609	1614	rVB2	54808	88761	1.22%	0.163%
24	11.865	1677	1685	1692	rVV	723428	1300614	17.84%	2.382%
25	11.959	1692	1701	1711	rVV	1941474	3327511	45.65%	6.094%
26	12.070	1711	1720	1739	rVB	3919348	7287622	99.97%	13.347%
27	12.394	1763	1775	1794	rVB	1974597	3285080	45.06%	6.016%
28	12.576	1795	1806	1811	rBV3	40685	103351	1.42%	0.189%
29	12.694	1819	1826	1832	rBV	376727	613362	8.41%	1.123%
30	12.847	1845	1852	1862	rBV	596282	1026168	14.08%	1.879%
31	13.029	1877	1883	1889	rBV	345024	588864	8.08%	1.078%
32	13.094	1889	1894	1897	rVV	819140	1397185	19.17%	2.559%
33	13.129	1897	1900	1904	rVV	920201	1366306	18.74%	2.502%
34	13.170	1904	1907	1913	rVB	182654	275838	3.78%	0.505%
35	13.335	1927	1935	1944	rVB	1361242	2293490	31.46%	4.200%
36	13.476	1952	1959	1966	rVV	4521583	7289685	100.00%	13.350%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

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_N\methods\82N011425W.M
Title : SW846 8260

37	13.611	1972	1982	1987	rVB3	45380	120689	1.66%	0.221%
38	13.670	1987	1992	1996	rBV	104462	159659	2.19%	0.292%
39	13.729	1996	2002	2006	rBV2	126124	216942	2.98%	0.397%
40	13.817	2006	2017	2033	rVB2	1558543	3832912	52.58%	7.020%
41	13.947	2033	2039	2041	rBV	139018	208840	2.86%	0.382%
42	13.994	2041	2047	2052	rBV	662934	1114873	15.29%	2.042%
43	14.111	2062	2067	2072	rBV	61370	99581	1.37%	0.182%
44	14.176	2072	2078	2084	rVV2	168338	276670	3.80%	0.507%
45	14.241	2084	2089	2091	rBV	232287	352664	4.84%	0.646%
46	14.270	2091	2094	2099	rVV	247233	374149	5.13%	0.685%
47	14.329	2099	2104	2110	rVB	341150	526527	7.22%	0.964%
48	14.394	2110	2115	2118	rBV	90925	153829	2.11%	0.282%
49	14.441	2118	2123	2132	rVB2	438225	762820	10.46%	1.397%
50	14.570	2139	2145	2151	rVB2	129566	207555	2.85%	0.380%
51	14.653	2151	2159	2161	rVV	180344	299151	4.10%	0.548%
52	14.688	2161	2165	2170	rVV	341066	556775	7.64%	1.020%
53	14.923	2200	2205	2211	rBV	226611	389106	5.34%	0.713%
54	15.047	2217	2226	2232	rBV2	491409	1141069	15.65%	2.090%
55	15.111	2232	2237	2246	rVB3	88581	179824	2.47%	0.329%
56	15.206	2246	2253	2261	rBV2	165777	304542	4.18%	0.558%
57	15.311	2261	2271	2276	rBV3	82368	219290	3.01%	0.402%
58	15.435	2284	2292	2299	rVB3	71675	179452	2.46%	0.329%
59	15.635	2319	2326	2334	rVB	631288	1178429	16.17%	2.158%
60	15.741	2337	2344	2350	rBV	90375	175177	2.40%	0.321%

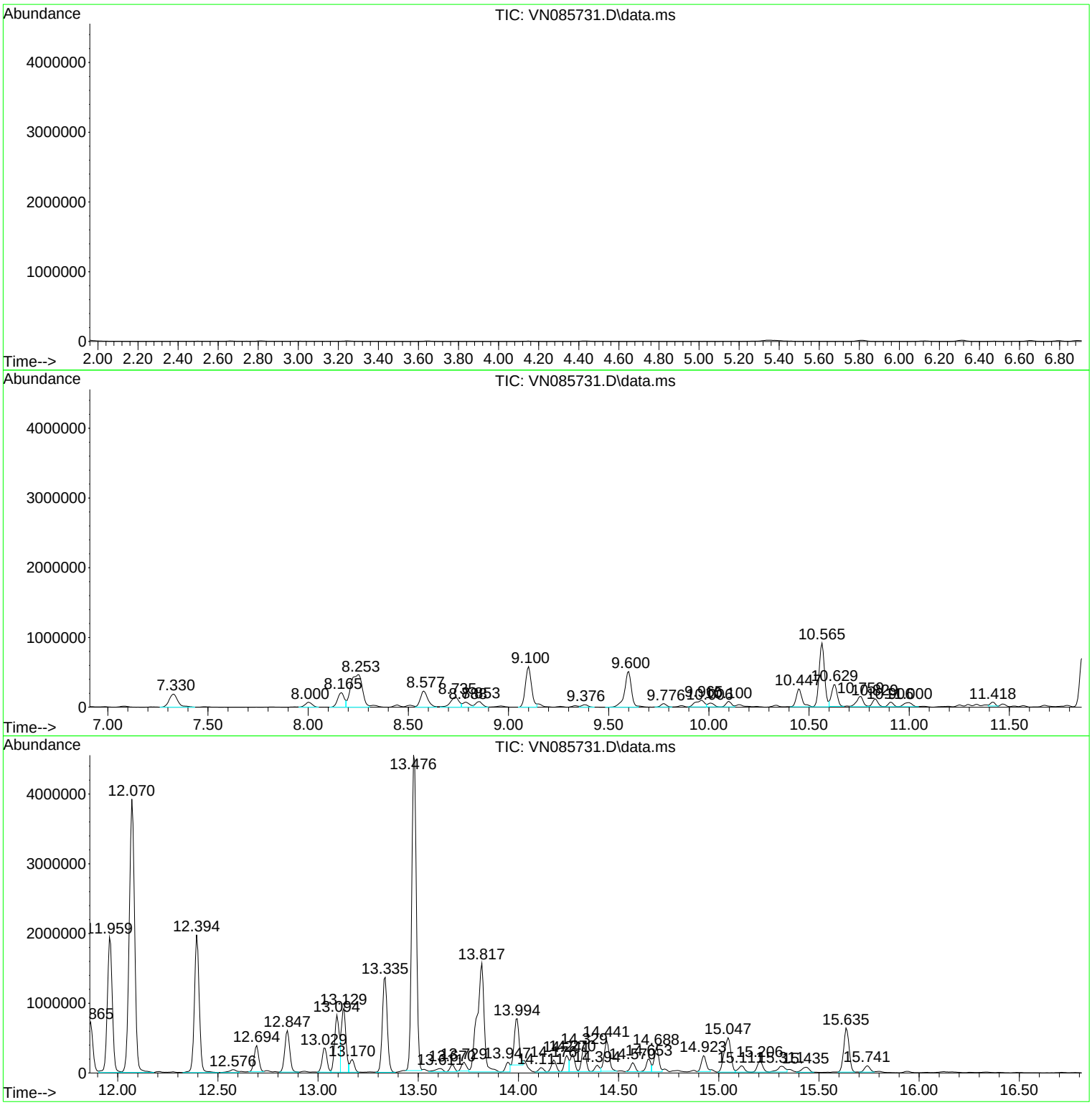
Sum of corrected areas: 54602974

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

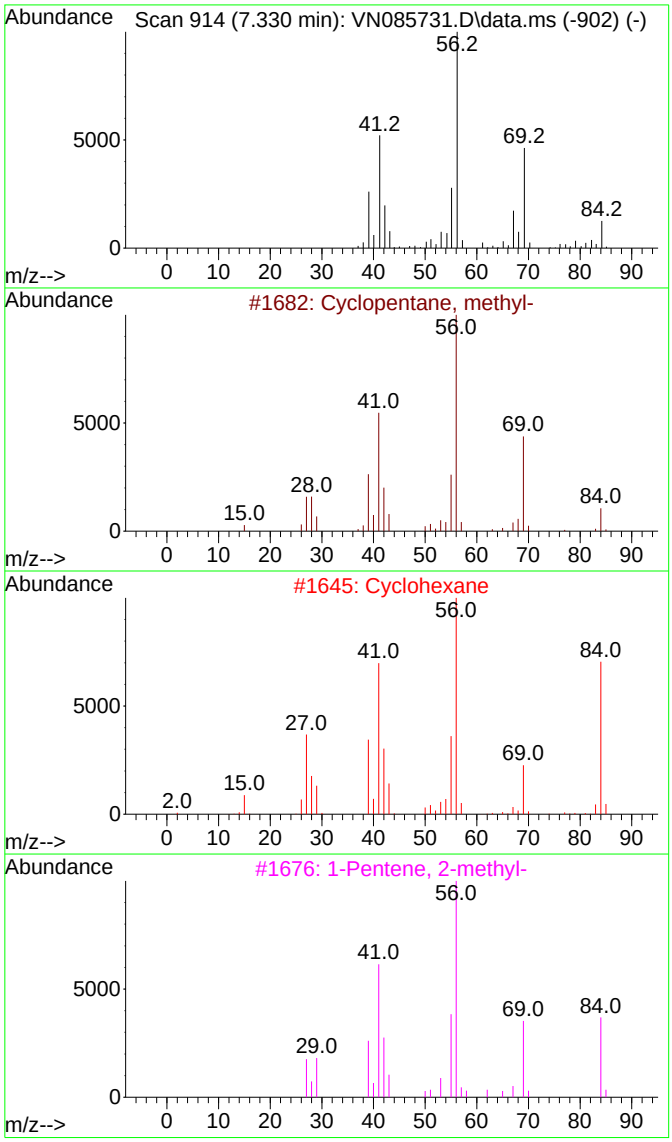
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

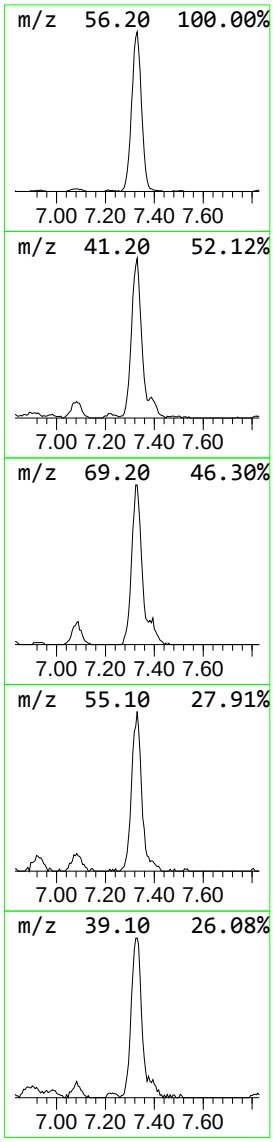
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentane, methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.330	15.14 ug/l	567347	Pentafluorobenzene	8.224

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2	Cyclohexane	84	C6H12	000110-82-7	74
3	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	58
5	Cyclobutane	56	C4H8	000287-23-0	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

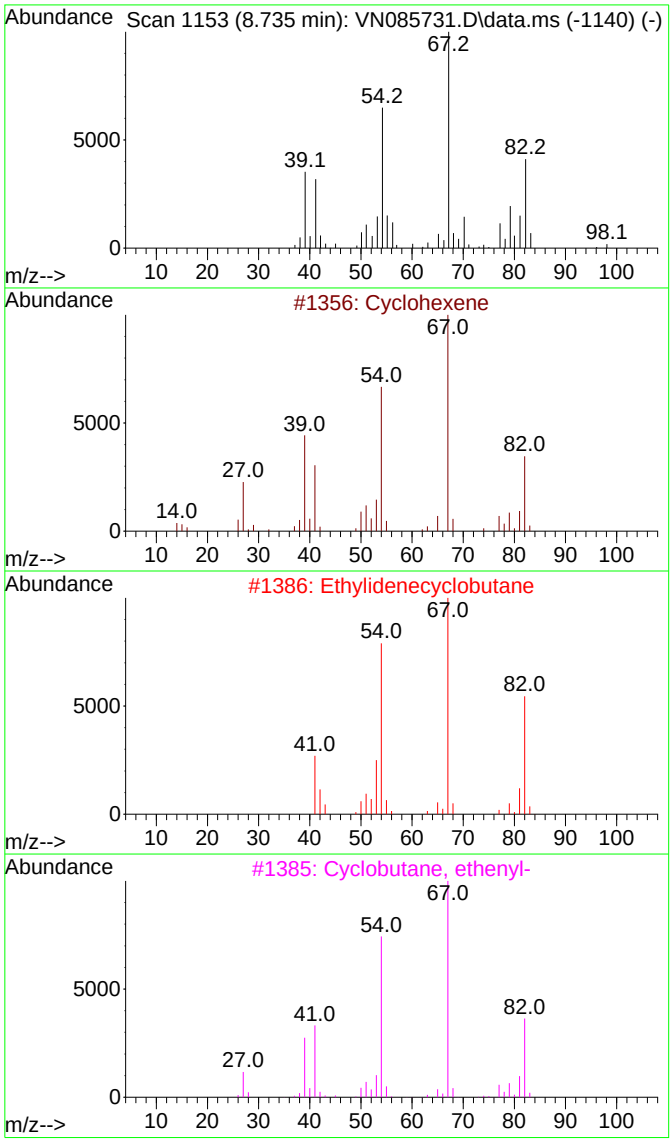
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

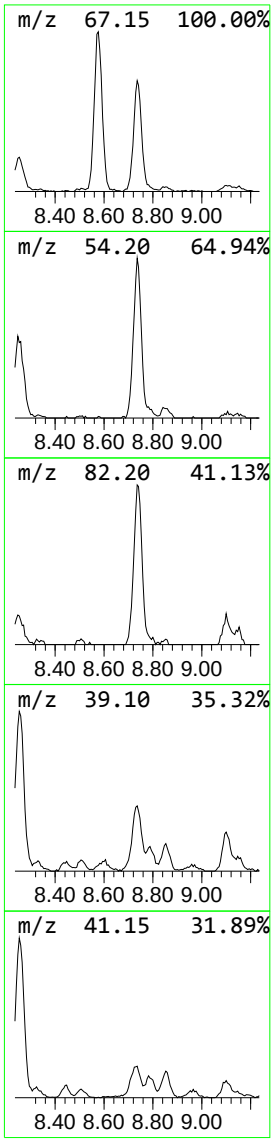
****

Peak Number 2 Cyclohexene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.735	17.37 ug/l	427765	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	93
2	Ethylidenecyclobutane	82	C6H10	001528-21-8	76
3	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	76
4	Cyclopentane, methylene-	82	C6H10	001528-30-9	64
5	2,4-Hexadiene, (E,E)-	82	C6H10	005194-51-4	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

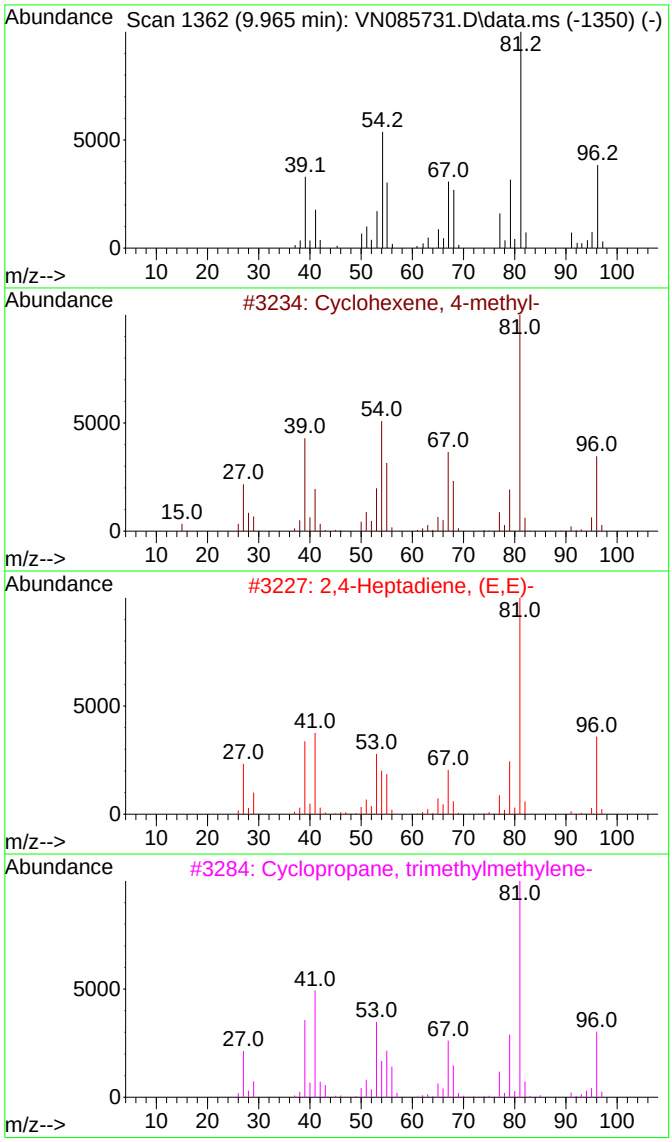
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

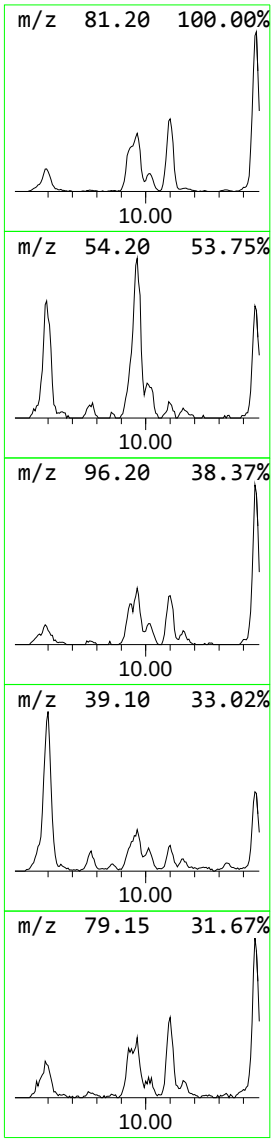
****

Peak Number 3 Cyclohexene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.965	12.58 ug/l	309716	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	87
2	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	81
3	Cyclopropane, trimethylmethylene-	96	C7H12	034462-28-7	81
4	2,4-Hexadiene, 2-methyl-	96	C7H12	028823-41-8	76
5	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

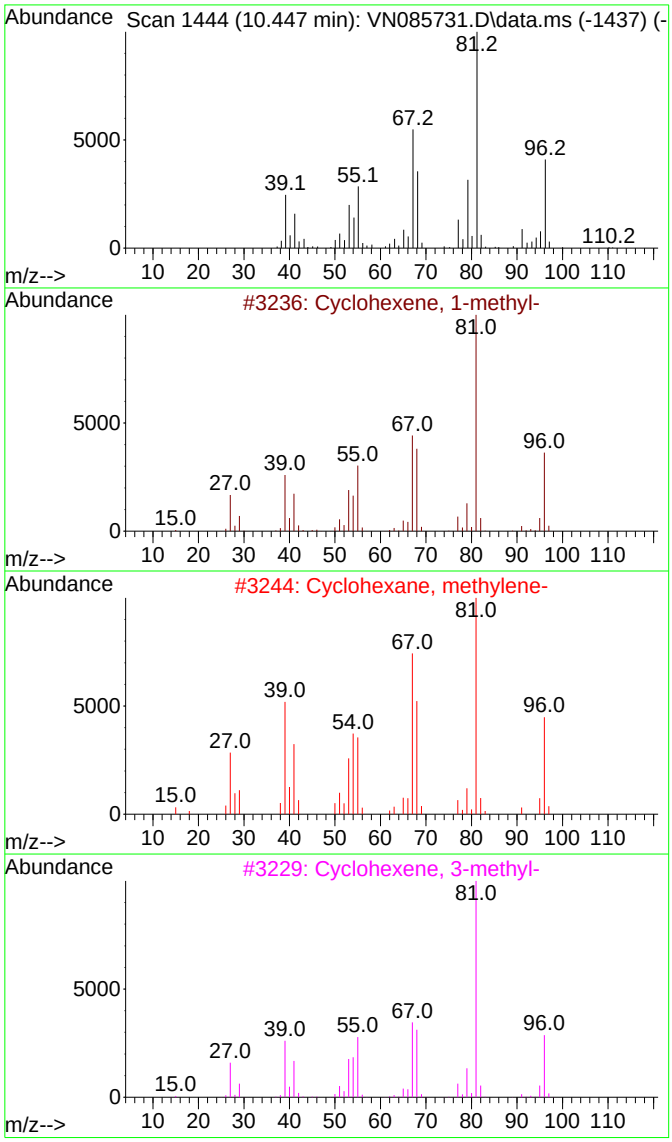
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

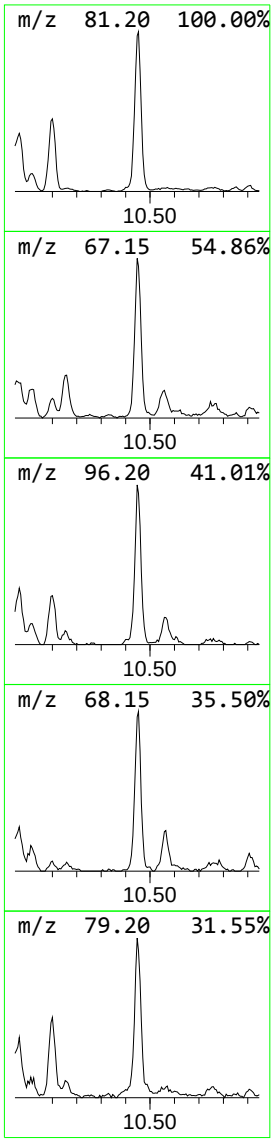
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.447	20.76 ug/l	511243	1,4-Difluorobenzene	9.100

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	90
2	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
3	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	87
4	1,4-Heptadiene	96	C7H12	005675-22-9	86
5	2,4-Hexadiene, 3-methyl-	96	C7H12	028823-42-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

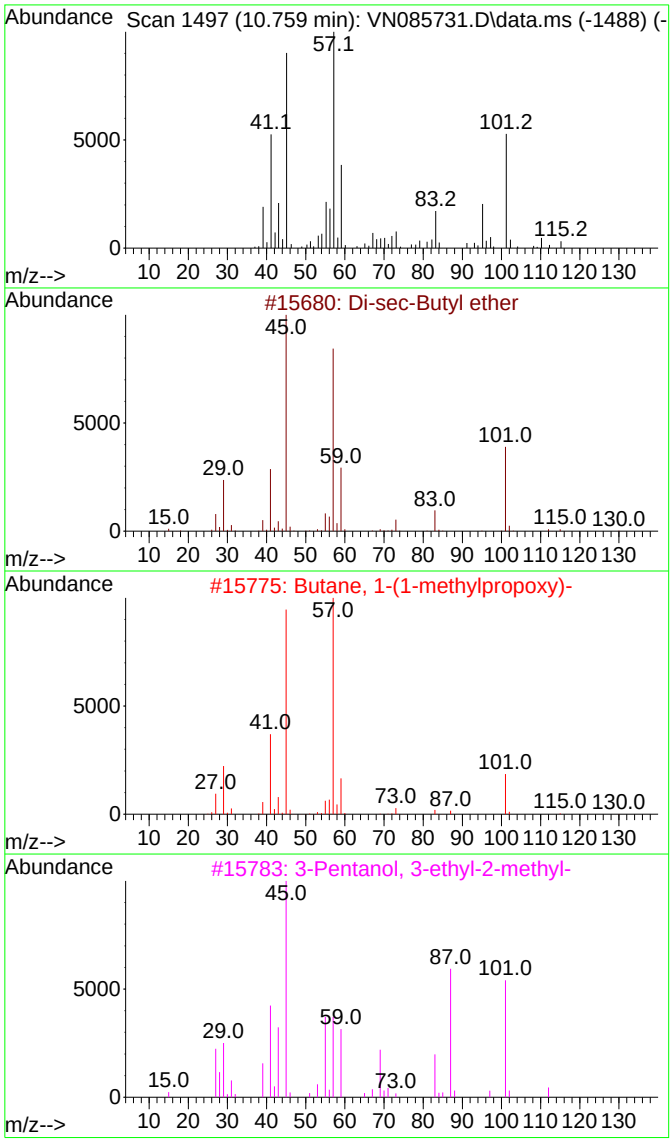
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

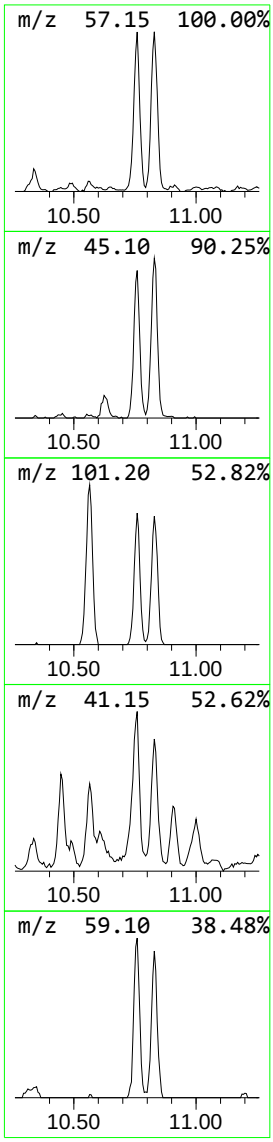
****

Peak Number 5 Di-sec-Butyl ether Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.759	12.89 ug/l	335255	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Di-sec-Butyl ether	130	C8H18O	006863-58-7	72
2	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	53
3	3-Pentanol, 3-ethyl-2-methyl-	130	C8H18O	000597-05-7	50
4	Ethene, (2-methoxyethoxy)-	102	C5H10O2	001663-35-0	43
5	DL-Lactamide, butyl ether	145	C7H15NO2	1000452-56-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

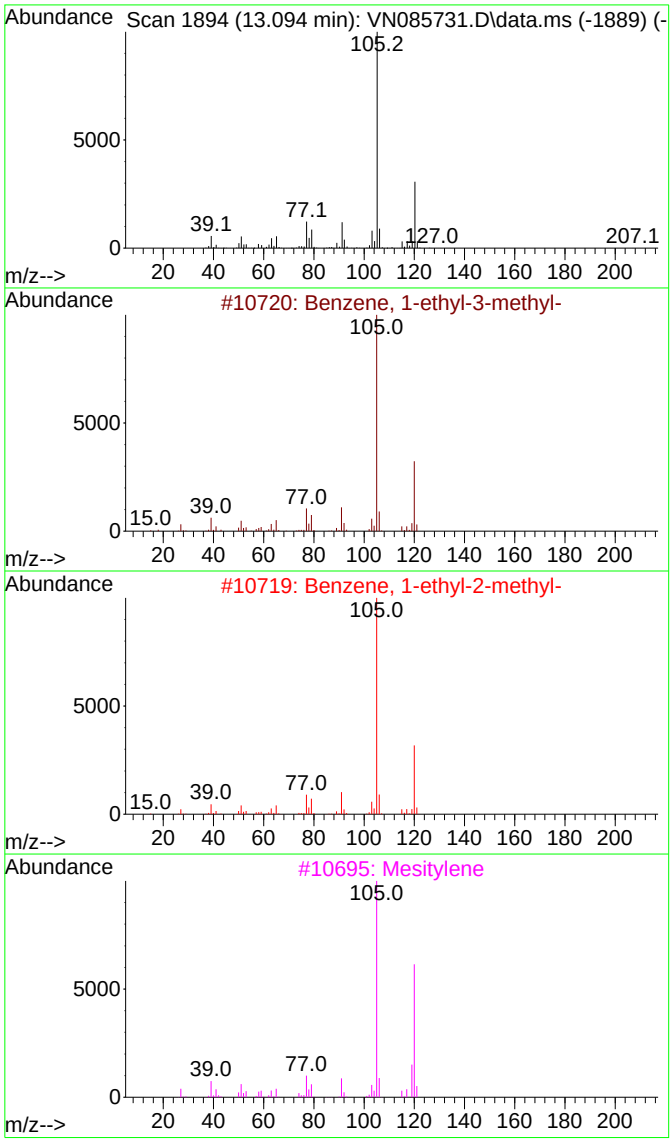
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

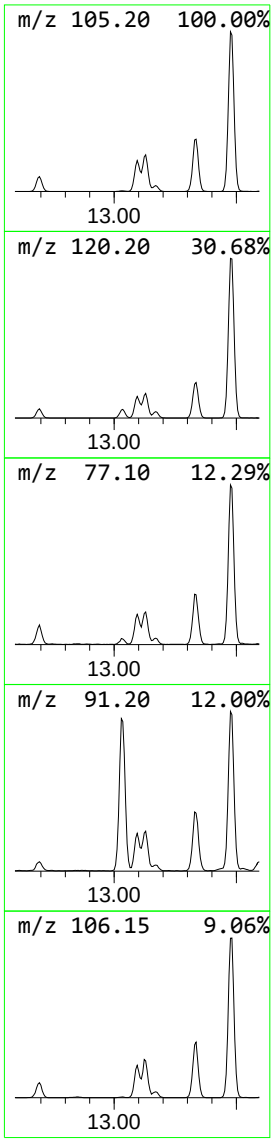
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.094	18.23 ug/l	1397190	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	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	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

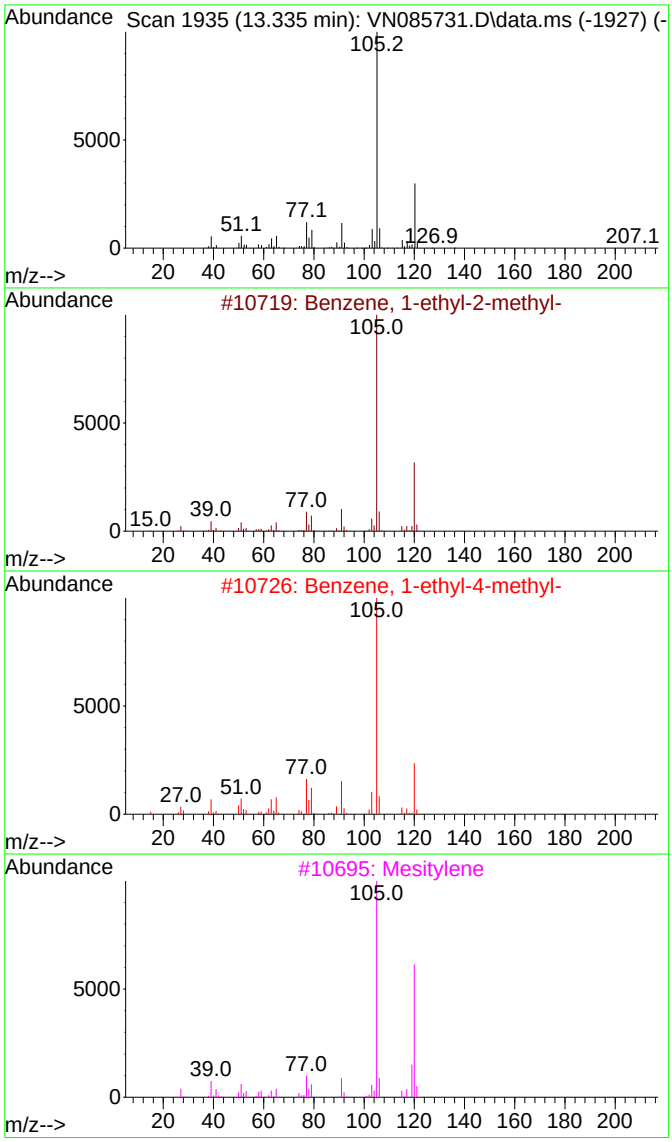
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

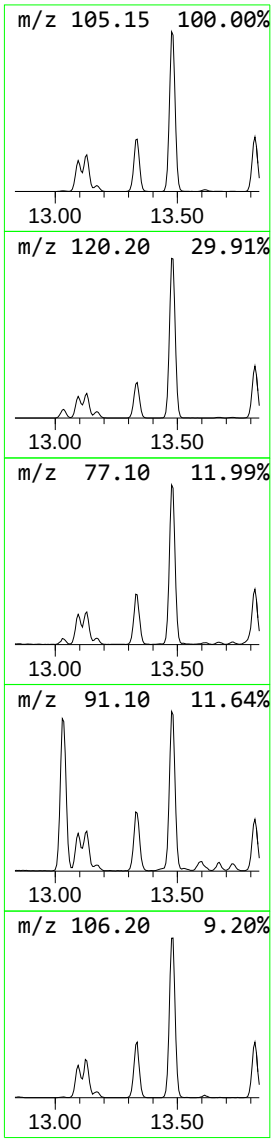
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.335	29.92 ug/l	2293490	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

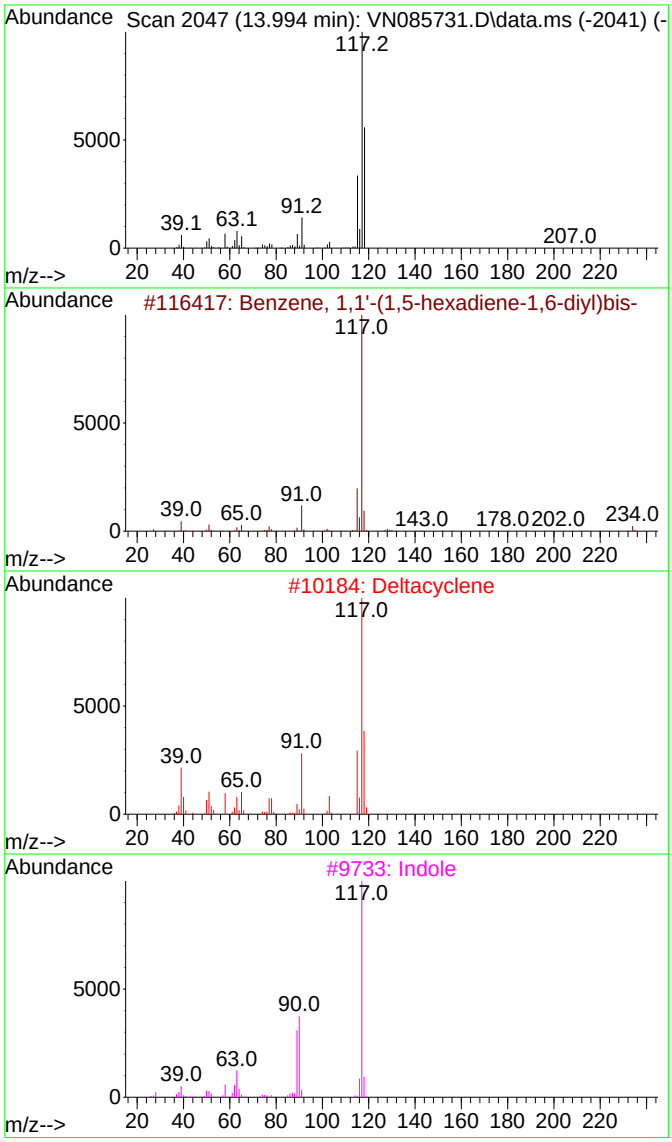
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

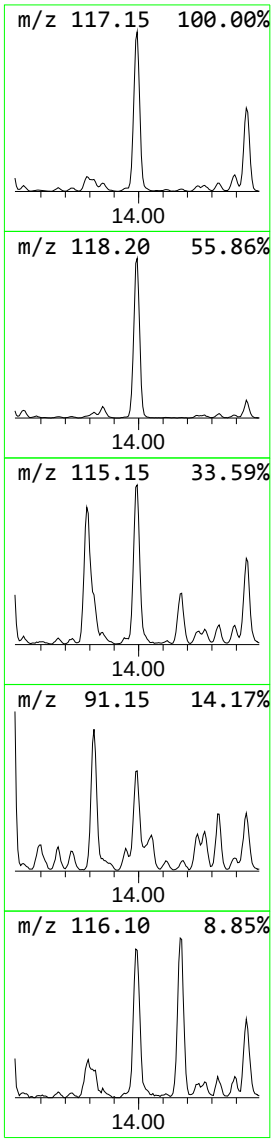
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,1'-(1,5-hexadien... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.994	14.54 ug/l	1114870	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
2	Deltacyclene	118	C9H10	007785-10-6	59
3	Indole	117	C8H7N	000120-72-9	47
4	4-Ethynylaniline	117	C8H7N	014235-81-5	43
5	trans-Cinnamyl bromide	196	C9H9Br	026146-77-0	42





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

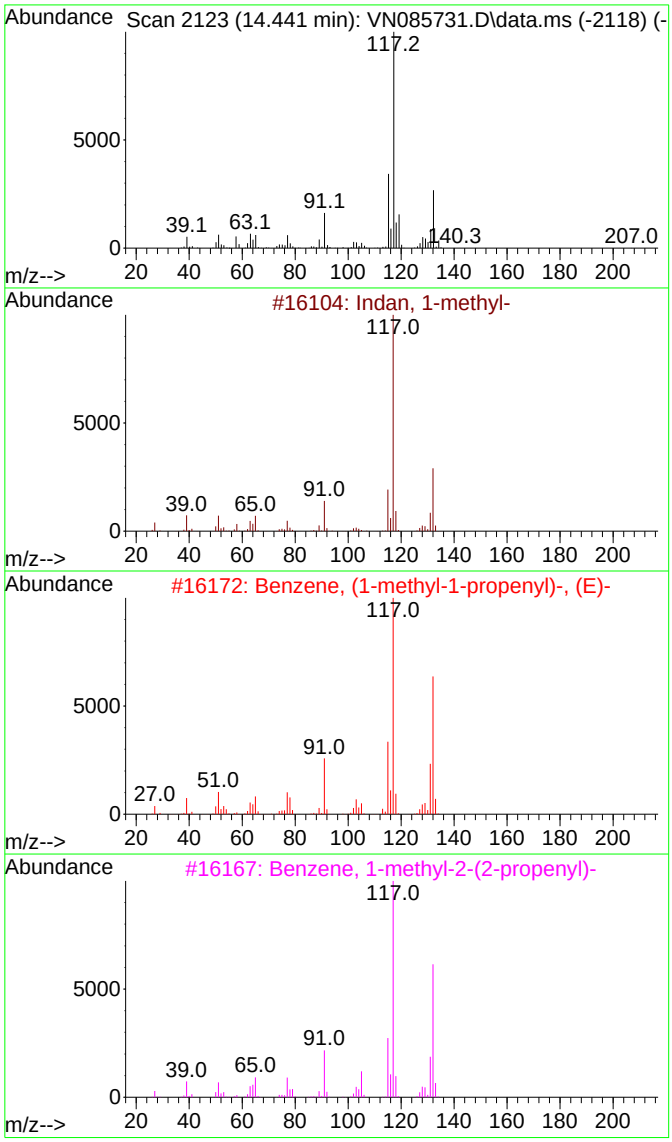
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

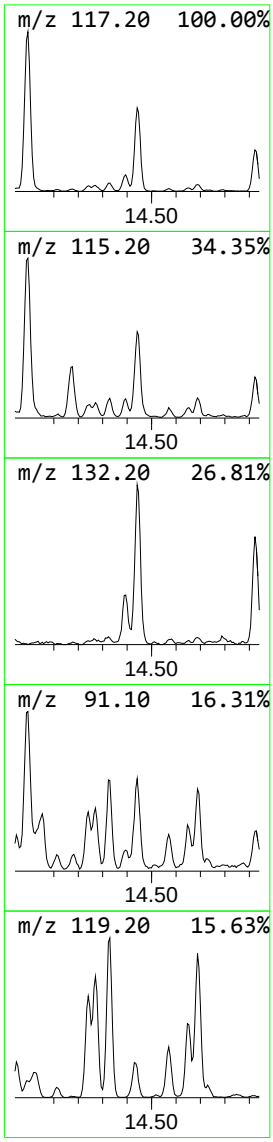
****

Peak Number 9 Indan, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.441	9.95 ug/l	762820	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	81
2	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	80
3	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	72
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	72
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

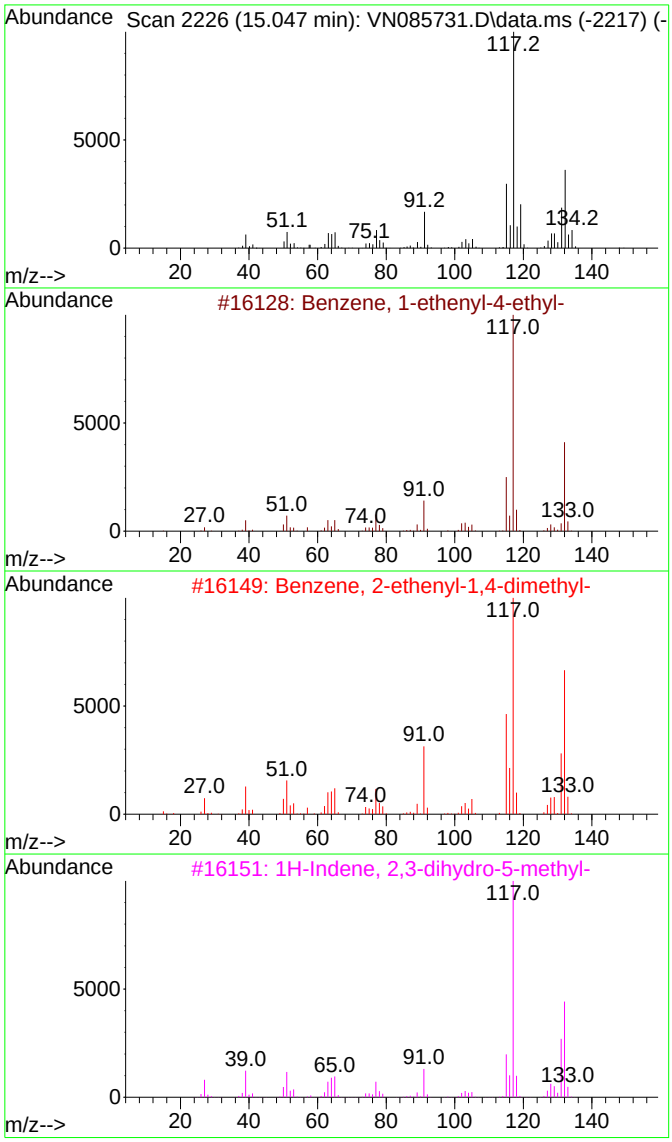
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

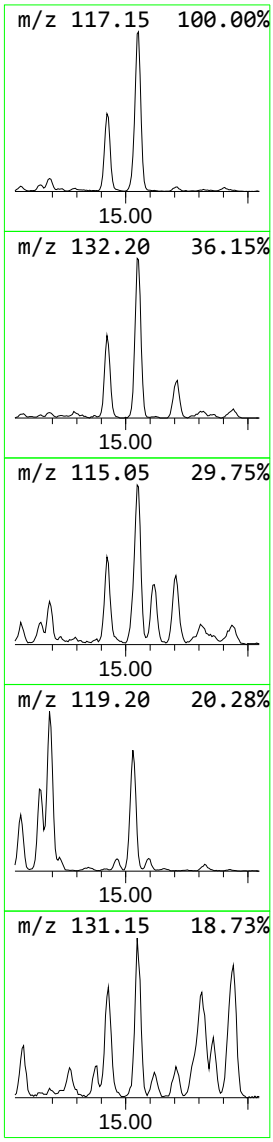
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.047	14.89 ug/l	1141070	1,4-Dichlorobenzene-d4	13.788

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085731.D
Acq On : 10 Feb 2025 18:11
Operator : JC\MD
Sample : Q1332-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.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
Cyclopentane, m...	7.330	15.1	ug/l	567347	1	8.224	1874080	50.0
Cyclohexene	8.735	17.4	ug/l	427765	2	9.100	1231400	50.0
Cyclohexene, 4-...	9.965	12.6	ug/l	309716	2	9.100	1231400	50.0
Cyclohexene, 1-...	10.447	20.8	ug/l	511243	2	9.100	1231400	50.0
Di-sec-Butyl ether	10.759	12.9	ug/l	335255	3	11.865	1300610	50.0
Benzene, 1-ethy...	13.094	18.2	ug/l	1397190	4	13.788	3832910	50.0
Benzene, 1-ethy...	13.335	29.9	ug/l	2293490	4	13.788	3832910	50.0
Benzene, 1,1'-(...	13.994	14.5	ug/l	1114870	4	13.788	3832910	50.0
Indan, 1-methyl-	14.441	9.9	ug/l	762820	4	13.788	3832910	50.0
Benzene, 1-ethe...	15.047	14.9	ug/l	1141070	4	13.788	3832910	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044905.D
Acq On : 11 Feb 2025 14:52
Operator : JC/MD
Sample : Q1332-01DL 2X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Quant Time: Feb 12 07:21:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

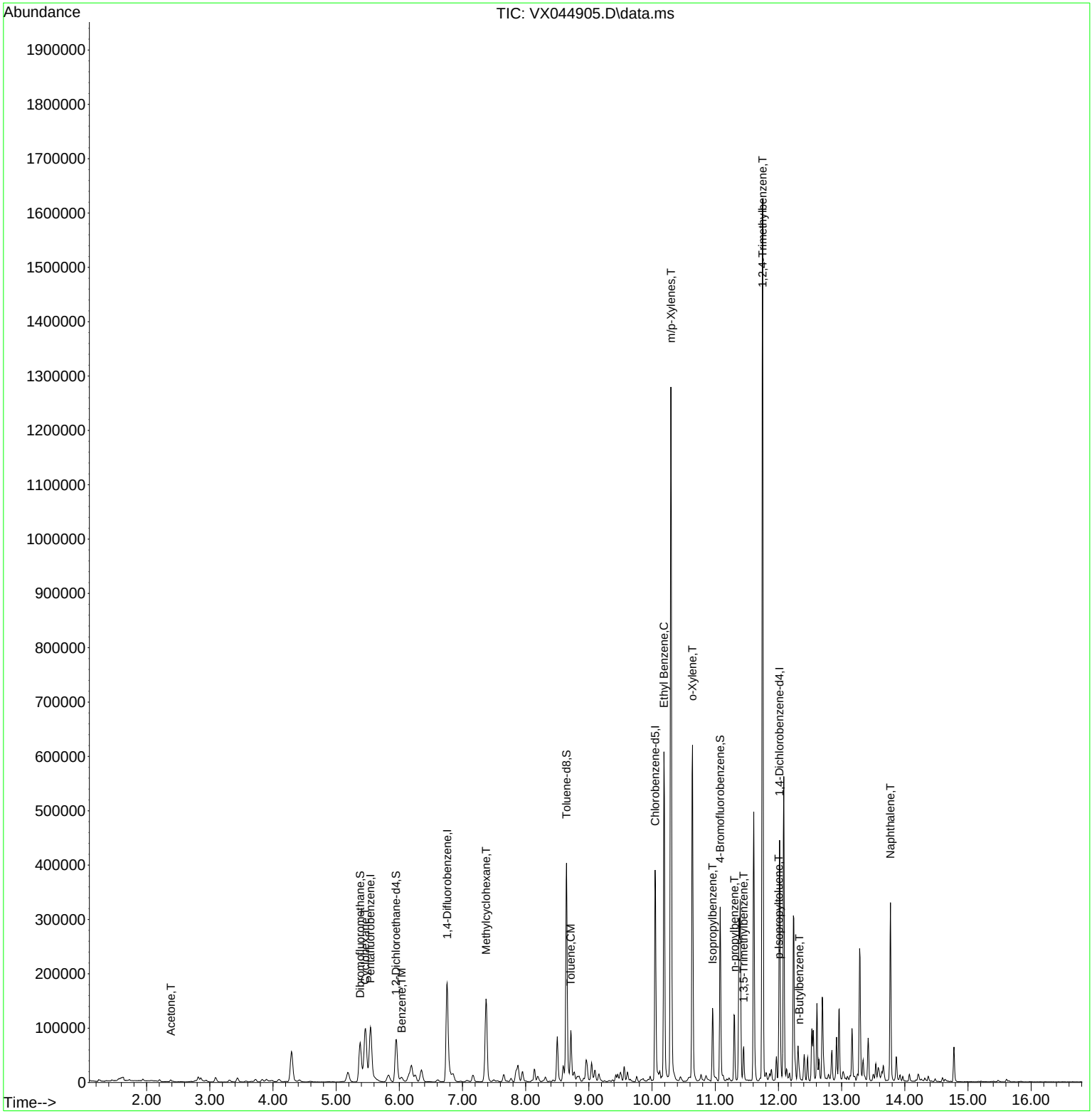
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	96361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194399	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74633	52.911	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.820%			
35) Dibromofluoromethane	5.379	113	63256	50.048	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.100%			
50) Toluene-d8	8.647	98	240764	50.376	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.760%			
62) 4-Bromofluorobenzene	11.079	95	87127	54.075	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.140%			
Target Compounds						Qvalue
16) Acetone	2.386	43	4276	7.541	ug/l #	83
31) Cyclohexane	5.458	56	71242	32.522	ug/l	97
39) Methylcyclohexane	7.373	83	68869	29.213	ug/l	98
40) Benzene	6.037	78	10130	1.779	ug/l	98
52) Toluene	8.714	92	35618	10.503	ug/l	97
67) Ethyl Benzene	10.189	91	360090	52.977	ug/l	99
68) m/p-Xylenes	10.299	106	294019	117.264	ug/l	99
69) o-Xylene	10.640	106	134603	53.501	ug/l	99
73) Isopropylbenzene	10.957	105	71219	10.922	ug/l	99
78) n-propylbenzene	11.305	91	79483	10.561	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	27988	5.289	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	673235	128.908	ug/l	100
86) p-Isopropyltoluene	12.006	119	14967	2.808	ug/l	97
89) n-Butylbenzene	12.329	91	10361	2.197	ug/l #	43
95) Naphthalene	13.774	128	192285	32.901	ug/l	99

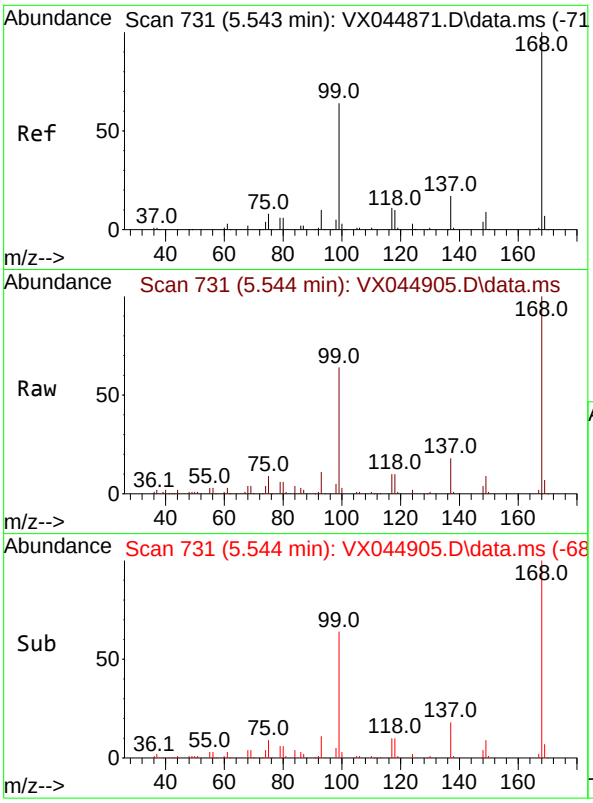
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044905.D
Acq On : 11 Feb 2025 14:52
Operator : JC/MD
Sample : Q1332-01DL 2X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Quant Time: Feb 12 07:21:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



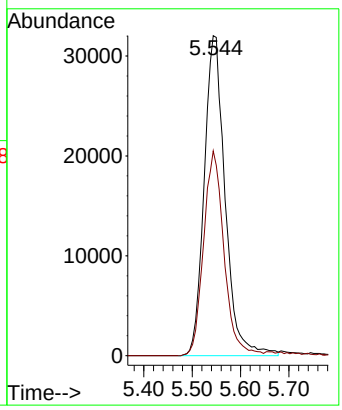


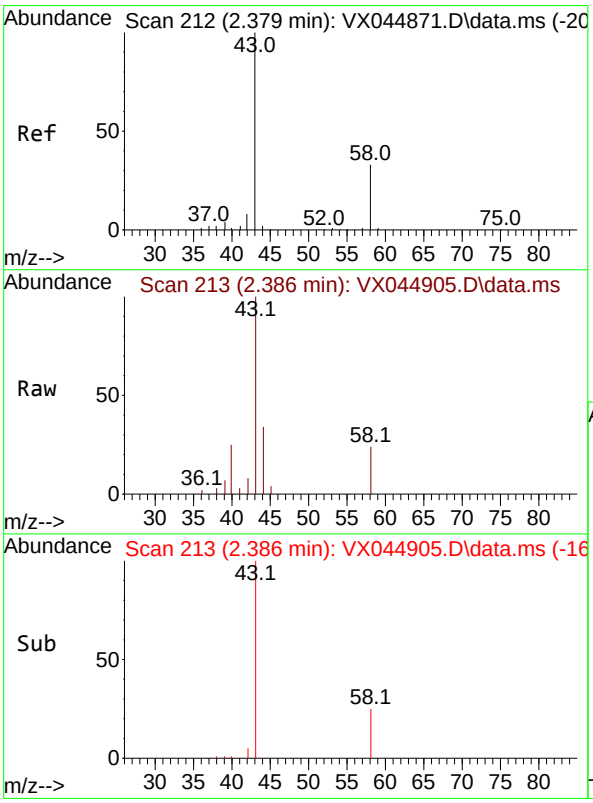
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion:168 Resp: 96361

Ion	Ratio	Lower	Upper
168	100		
99	64.0	51.2	76.8

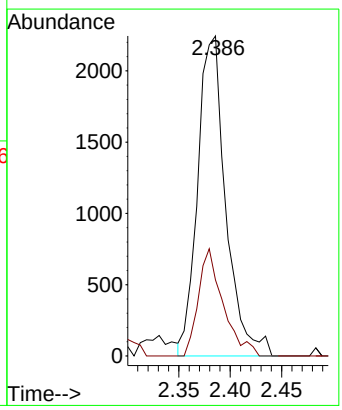


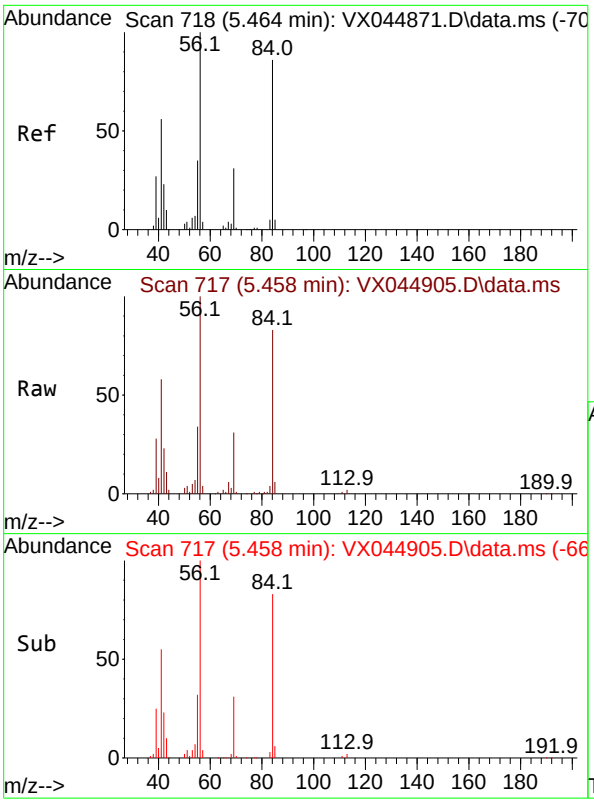


#16
Acetone
Concen: 7.541 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 43 Resp: 4276

Ion	Ratio	Lower	Upper
43	100		
58	23.7	26.5	39.7#



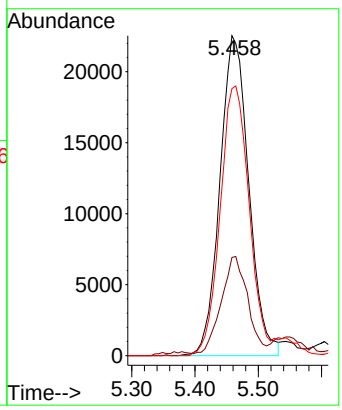


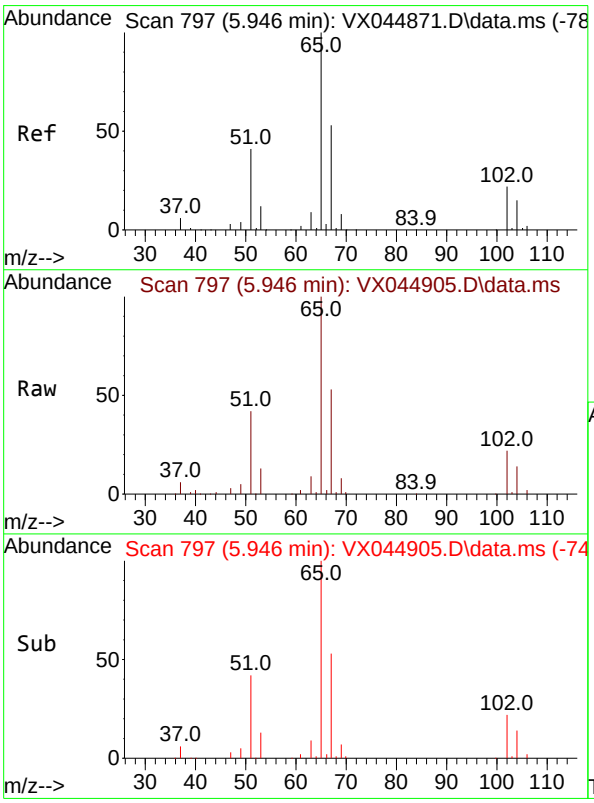
#31
Cyclohexane
Concen: 32.522 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion: 56 Resp: 71242

Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.4	36.6
84	83.5	69.0	103.6

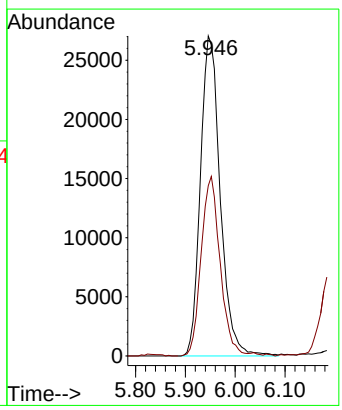


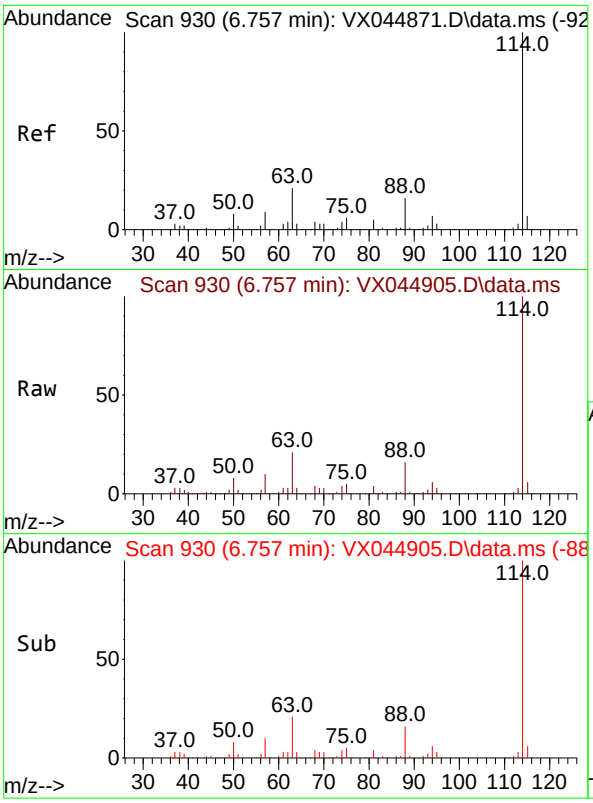


#33
1,2-Dichloroethane-d4
Concen: 52.911 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 65 Resp: 74633

Ion	Ratio	Lower	Upper
65	100		
67	53.6	0.0	108.2



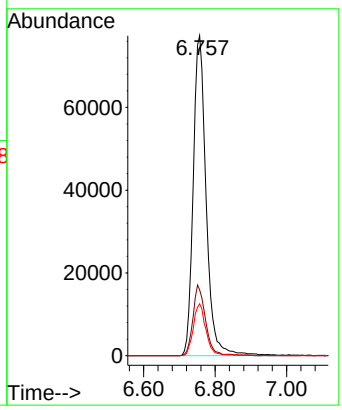


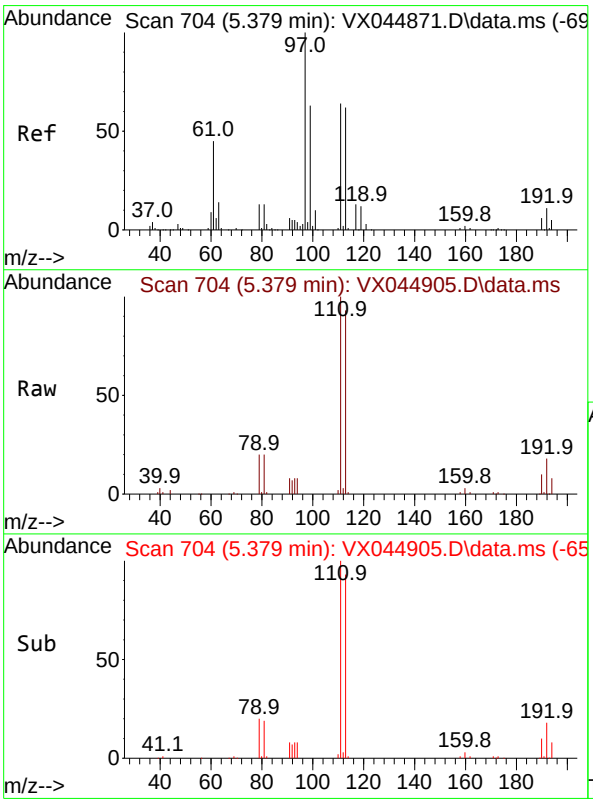
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion:114 Resp: 194399

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	42.4
88	16.2	0.0	31.4

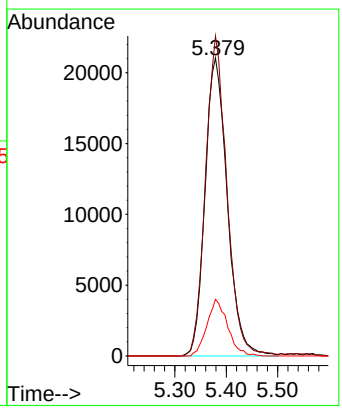


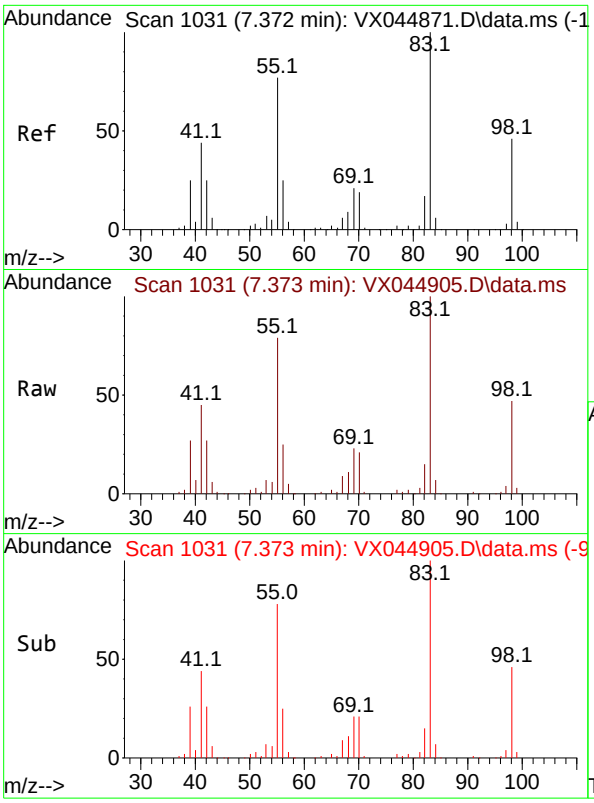


#35
Dibromofluoromethane
Concen: 50.048 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion:113 Resp: 63256

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.5	125.3
192	17.7	14.4	21.6



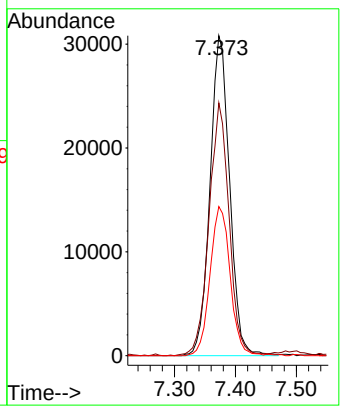


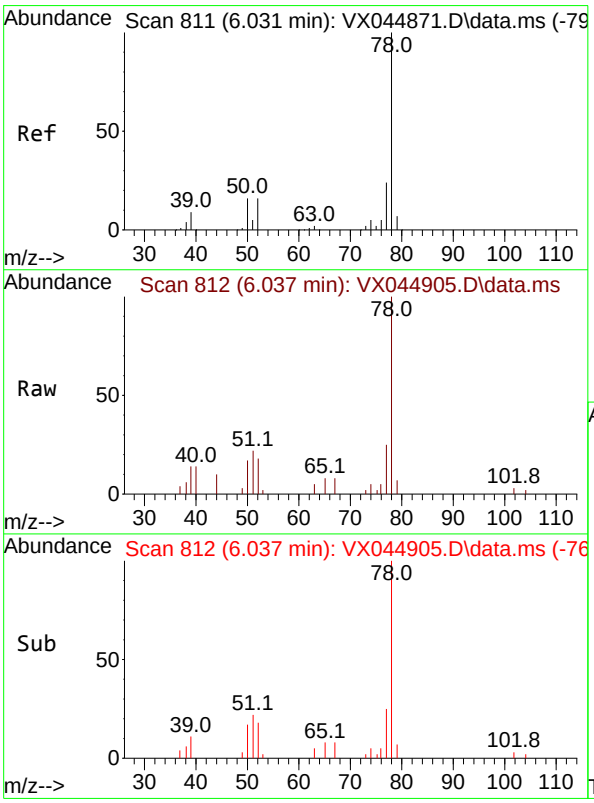
#39
Methylcyclohexane
Concen: 29.213 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion: 83 Resp: 68869

Ion	Ratio	Lower	Upper
83	100		
55	78.8	61.3	91.9
98	46.6	37.0	55.6

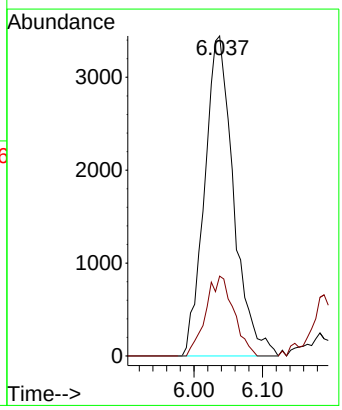


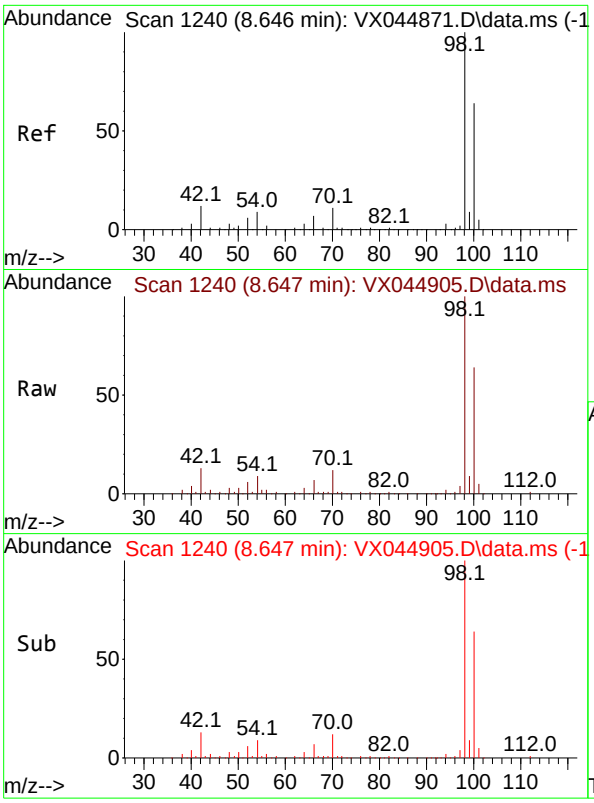


#40
Benzene
Concen: 1.779 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 78 Resp: 10130

Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.0	28.6



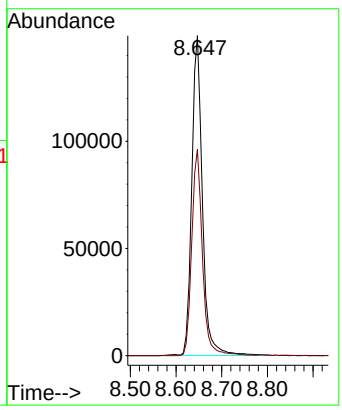


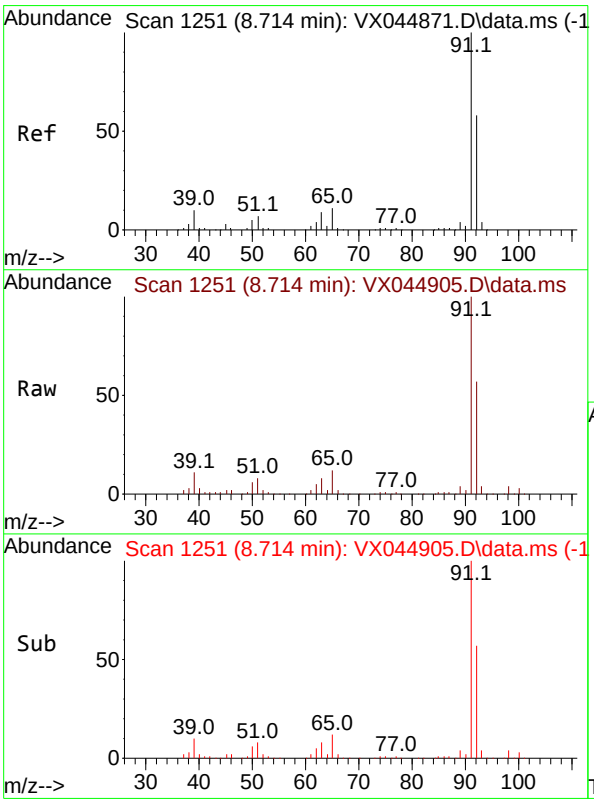
#50
Toluene-d8
Concen: 50.376 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion: 98 Resp: 240764

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.7	79.1

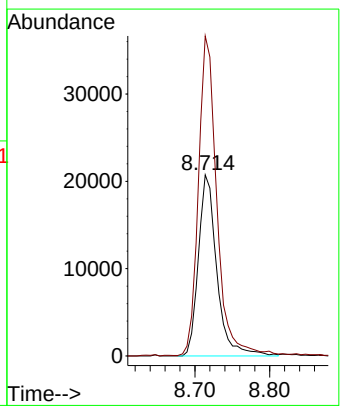


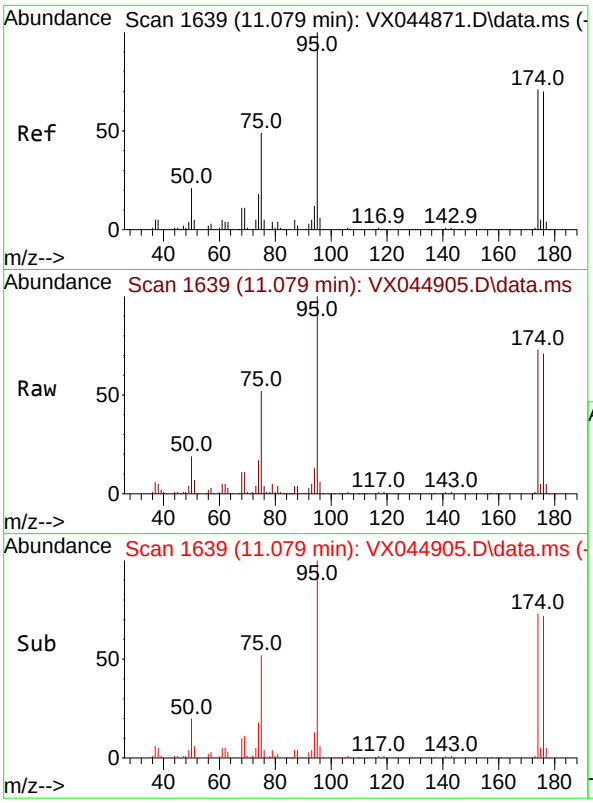


#52
Toluene
Concen: 10.503 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 92 Resp: 35618

Ion	Ratio	Lower	Upper
92	100		
91	175.3	137.4	206.2



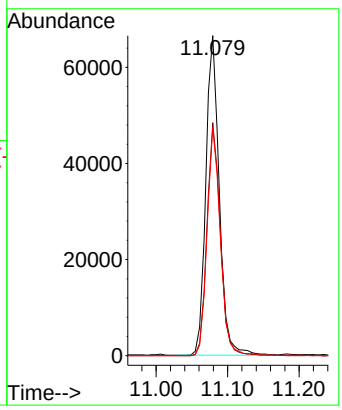


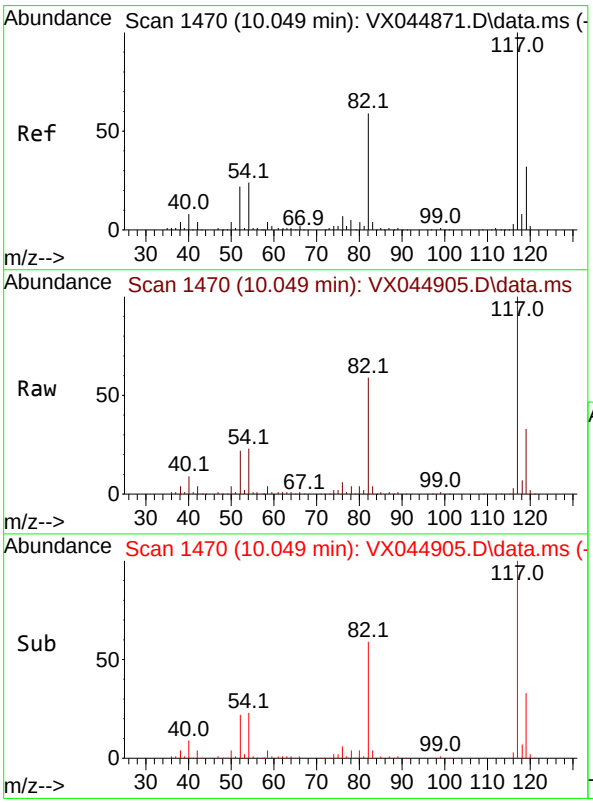
#62
4-Bromofluorobenzene
Concen: 54.075 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion: 95 Resp: 87127

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	142.6
176	69.9	0.0	141.6

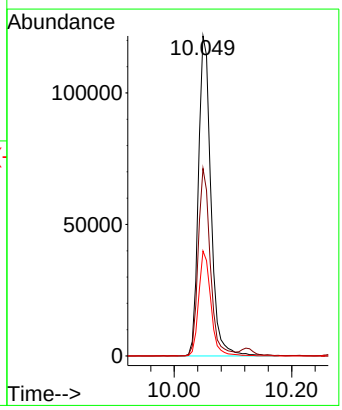


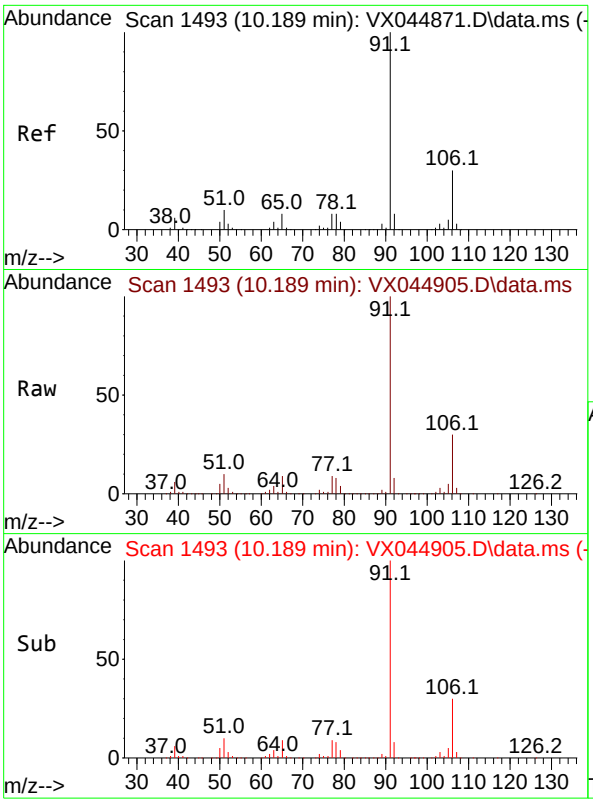


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion:117 Resp: 179329

Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.5	71.3
119	32.8	25.4	38.0



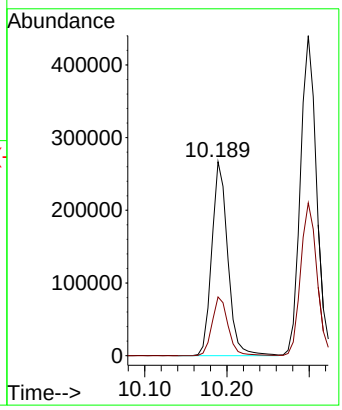


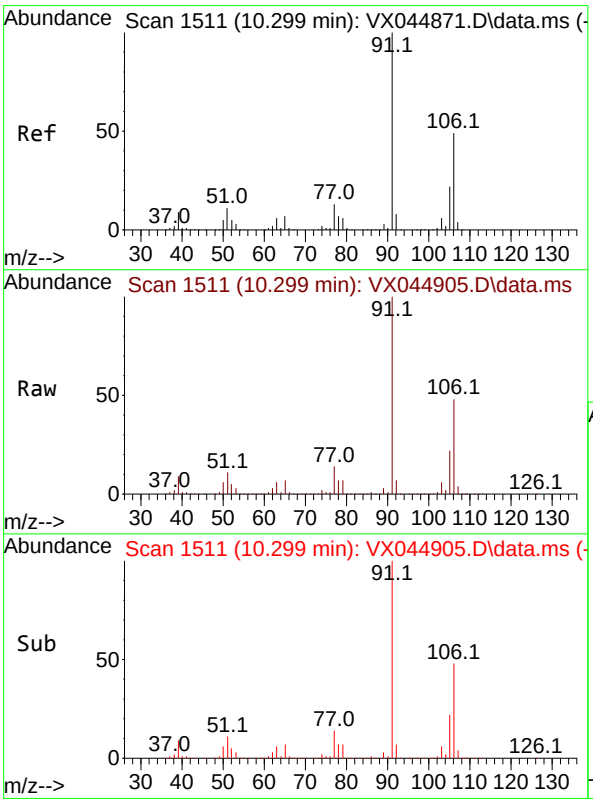
#67
Ethyl Benzene
Concen: 52.977 ug/l
RT: 10.189 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion: 91 Resp: 360090

Ion	Ratio	Lower	Upper
91	100		
106	30.2	23.9	35.9

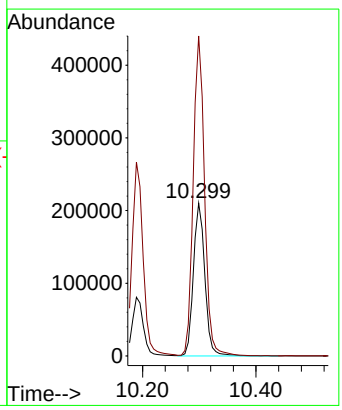


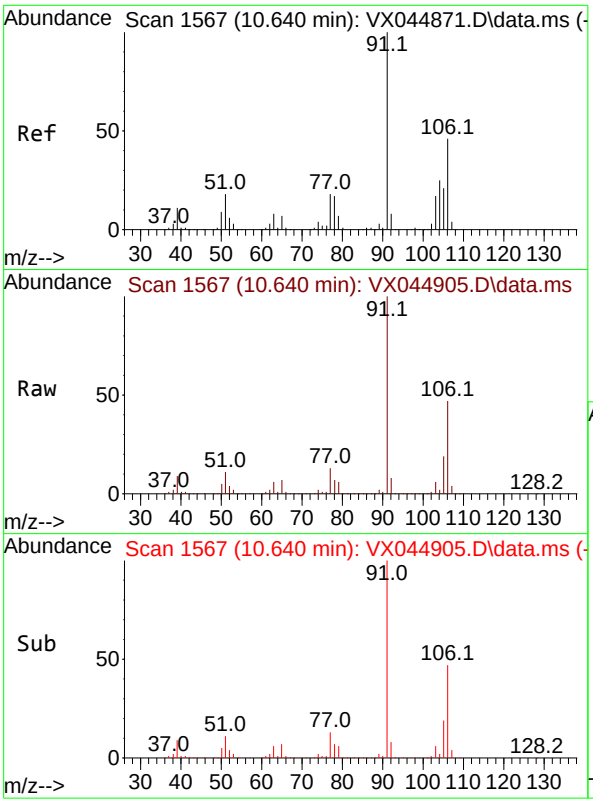


#68
m/p-Xylenes
Concen: 117.264 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion:106 Resp: 294019

Ion	Ratio	Lower	Upper
106	100		
91	207.1	164.3	246.5



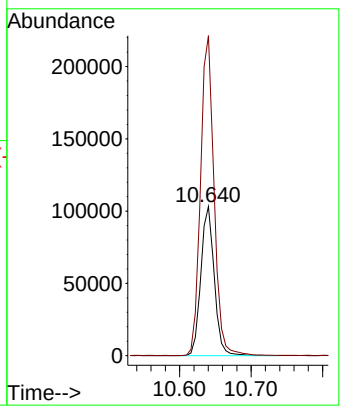


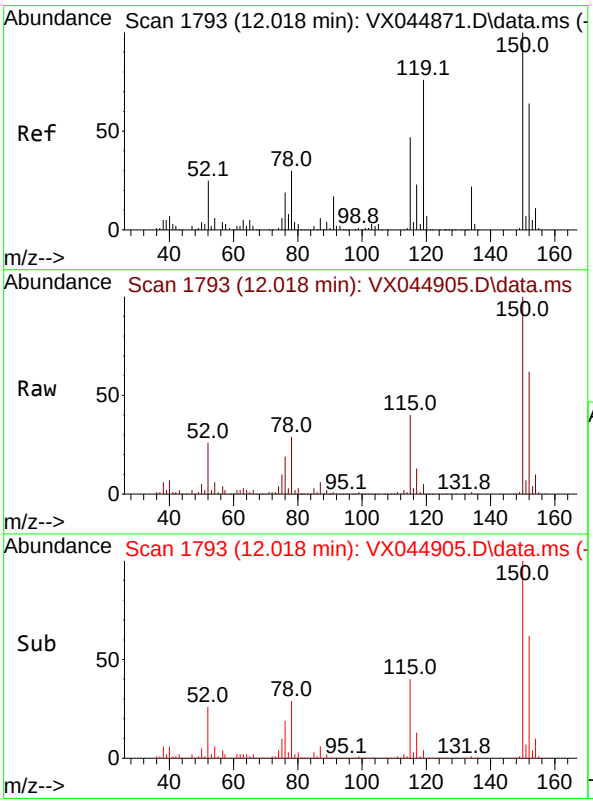
#69
o-Xylene
Concen: 53.501 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion:106 Resp: 134603

Ion	Ratio	Lower	Upper
106	100		
91	216.0	108.5	325.5

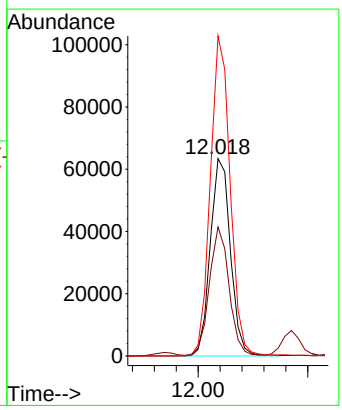




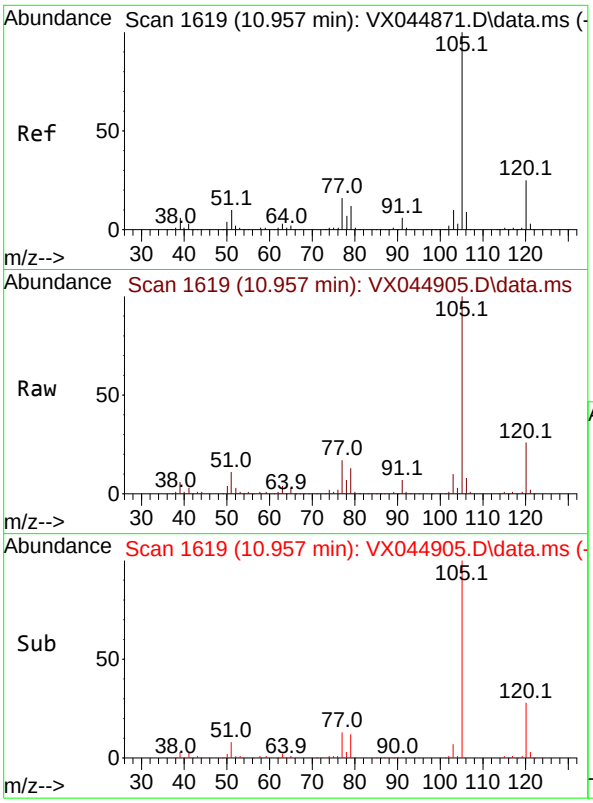
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion:152 Resp: 80982

Ion	Ratio	Lower	Upper
152	100		
115	63.7	43.4	130.1
150	159.6	0.0	350.4



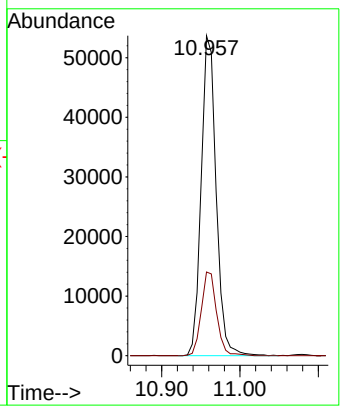
Instrument :
MSVOA_X
ClientSampleId :
MW1DL

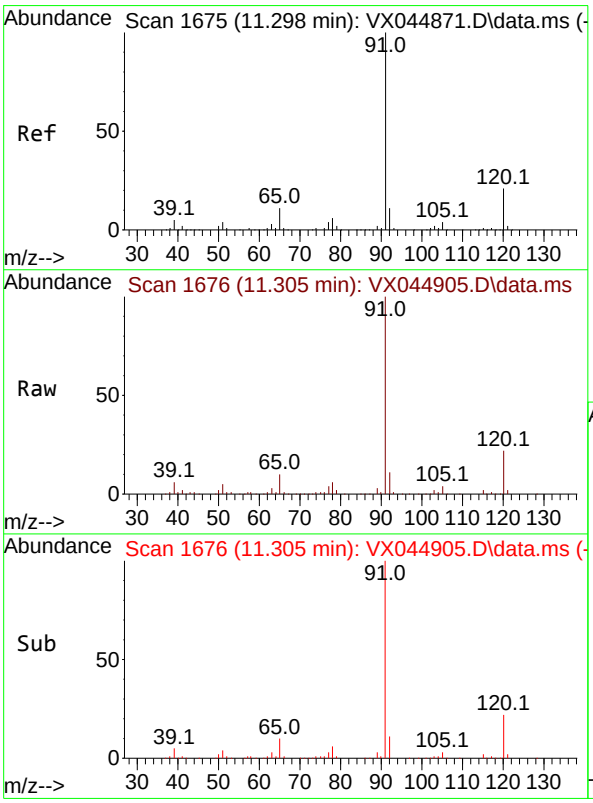


#73
Isopropylbenzene
Concen: 10.922 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion:105 Resp: 71219

Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.2	39.5

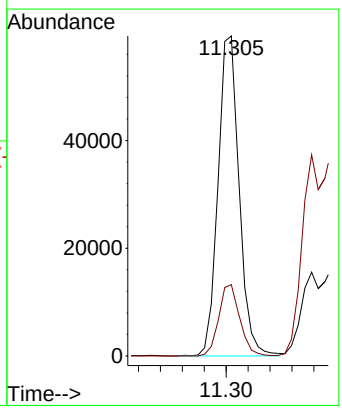


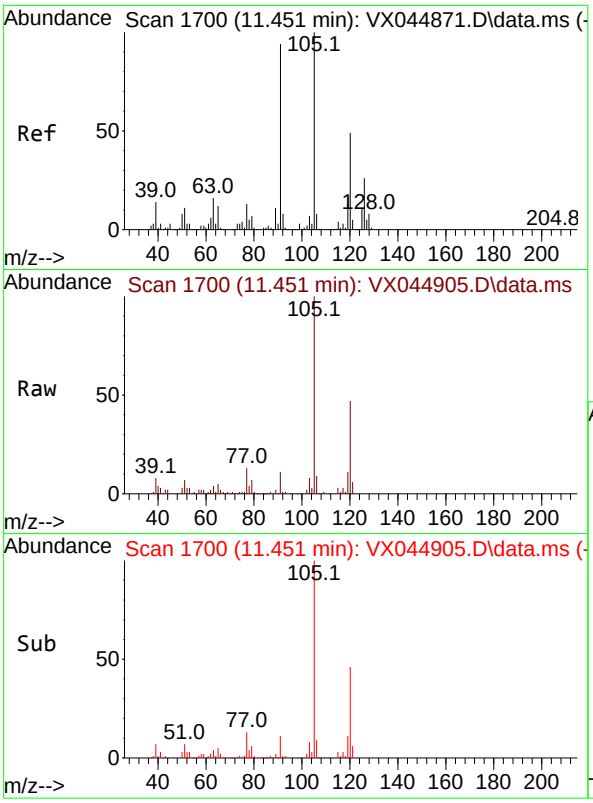


#78
n-propylbenzene
Concen: 10.561 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 91 Resp: 79483

Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.3



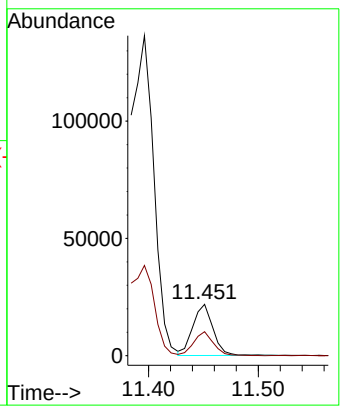


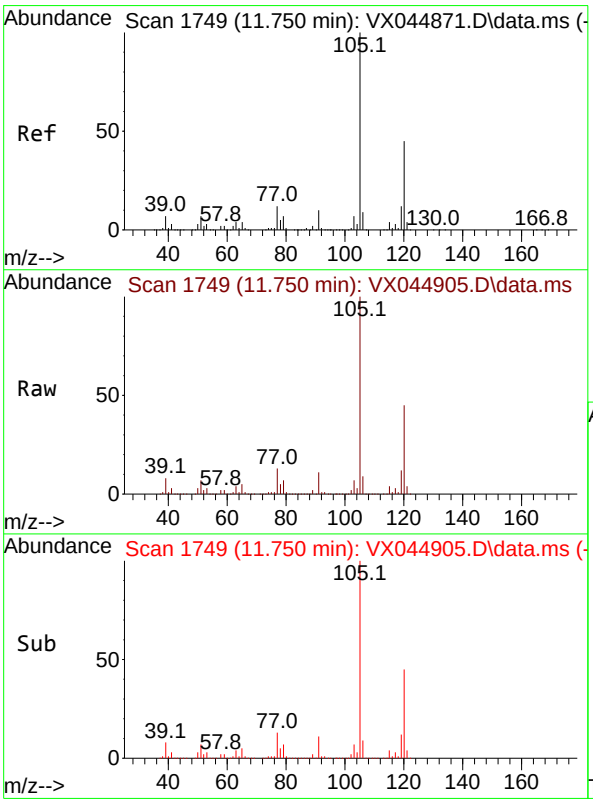
#80
1,3,5-Trimethylbenzene
Concen: 5.289 ug/l
RT: 11.451 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion:105 Resp: 27988

Ion	Ratio	Lower	Upper
105	100		
120	46.1	24.0	72.0

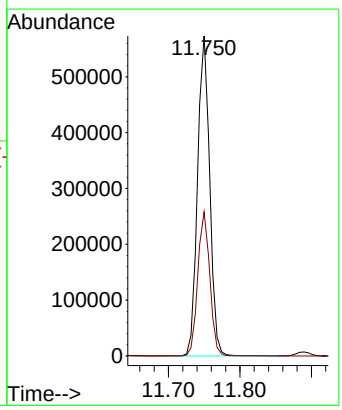


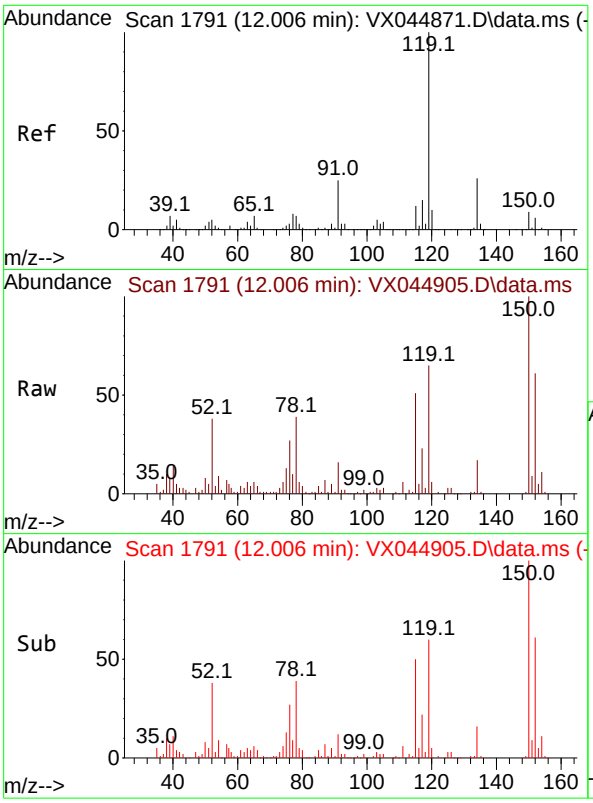


#84
1,2,4-Trimethylbenzene
Concen: 128.908 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion:105 Resp: 673235

Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.0



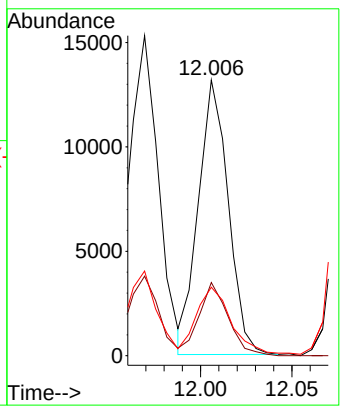


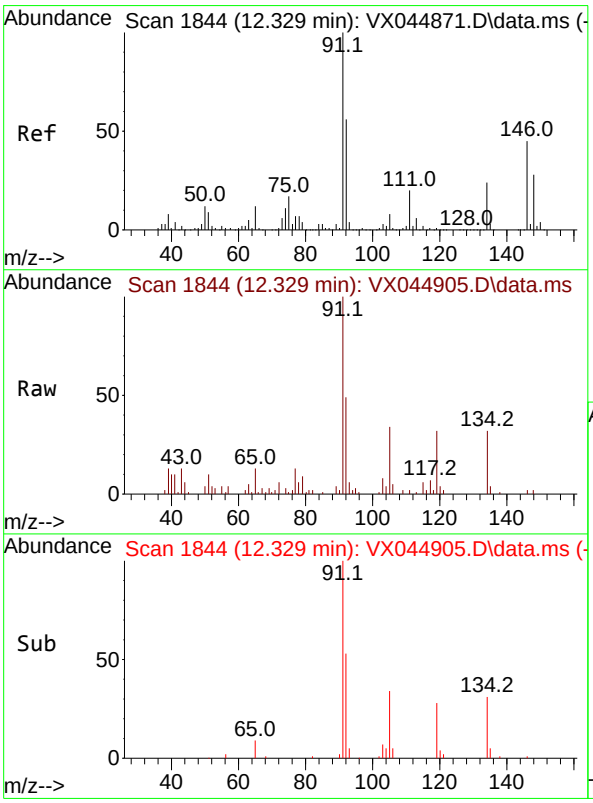
#86
p-Isopropyltoluene
Concen: 2.808 ug/l
RT: 12.006 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion:119 Resp: 14967

Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	27.0	12.1	36.3

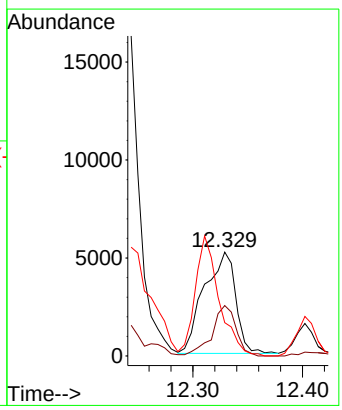


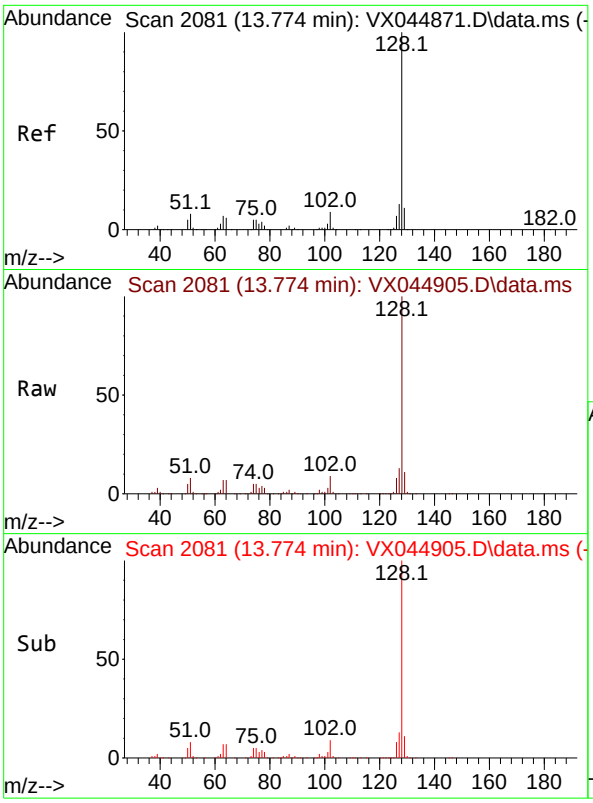


#89
n-Butylbenzene
Concen: 2.197 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Tgt Ion: 91 Resp: 10361

Ion	Ratio	Lower	Upper
91	100		
92	37.5	27.2	81.6
134	89.6	12.1	36.3#



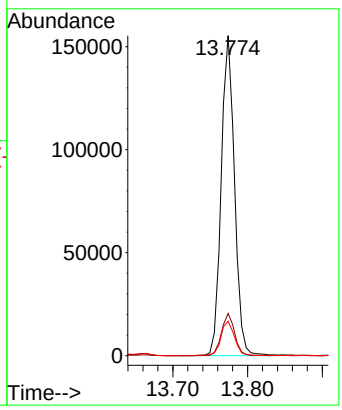


#95
Naphthalene
Concen: 32.901 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX044905.D
Acq: 11 Feb 2025 14:52

Instrument :
MSVOA_X
ClientSampleId :
MW1DL

Tgt Ion:128 Resp: 192285

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.1	8.9	13.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Time: Feb 11 03:20:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

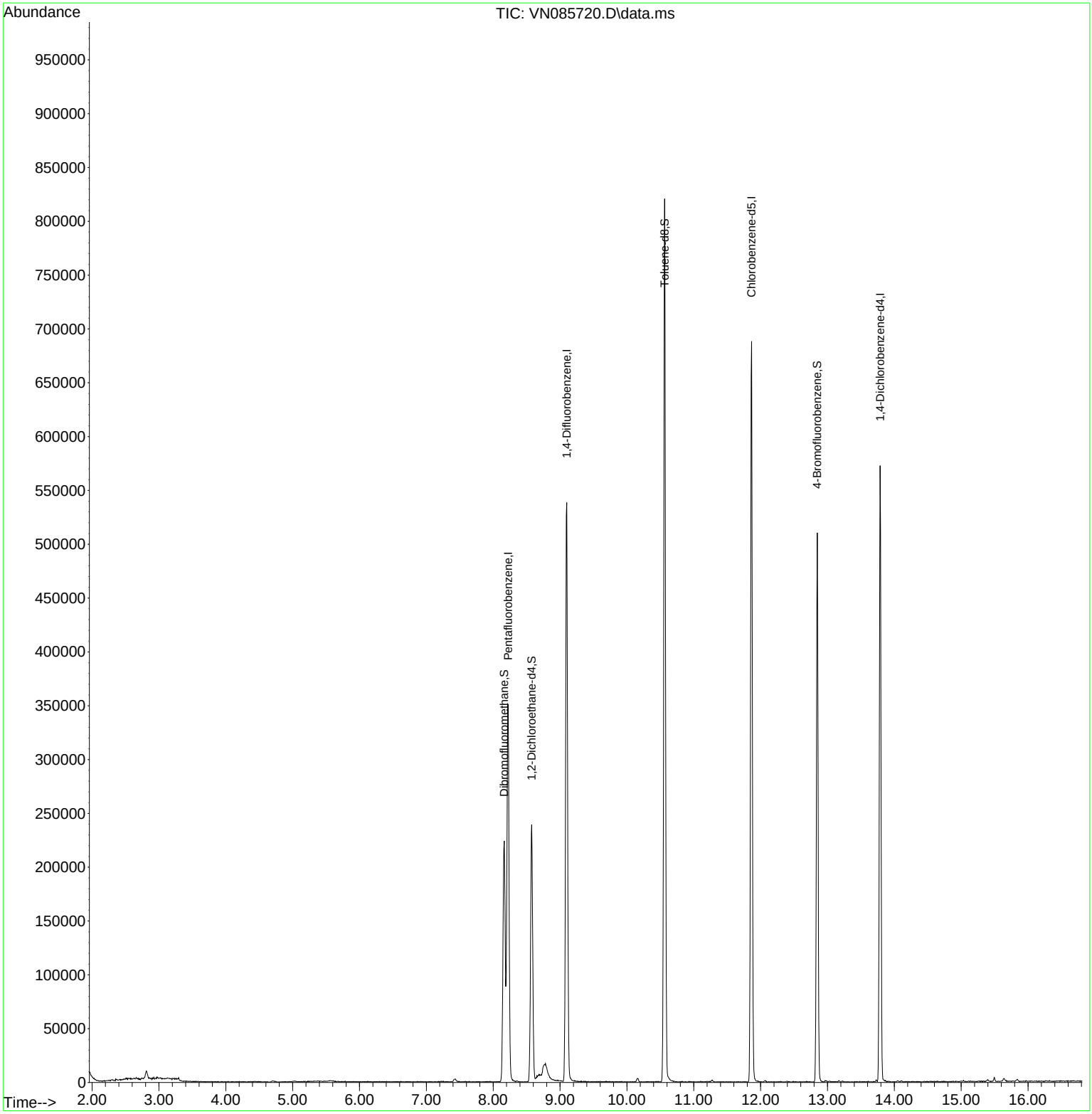
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	252400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	469407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	394938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	156176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	194879	47.832	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.660%			
35) Dibromofluoromethane	8.165	113	163357	50.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.320%			
50) Toluene-d8	10.565	98	559089	48.321	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.640%			
62) 4-Bromofluorobenzene	12.847	95	174849	44.177	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 88.360%			
Target Compounds						Qvalue

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

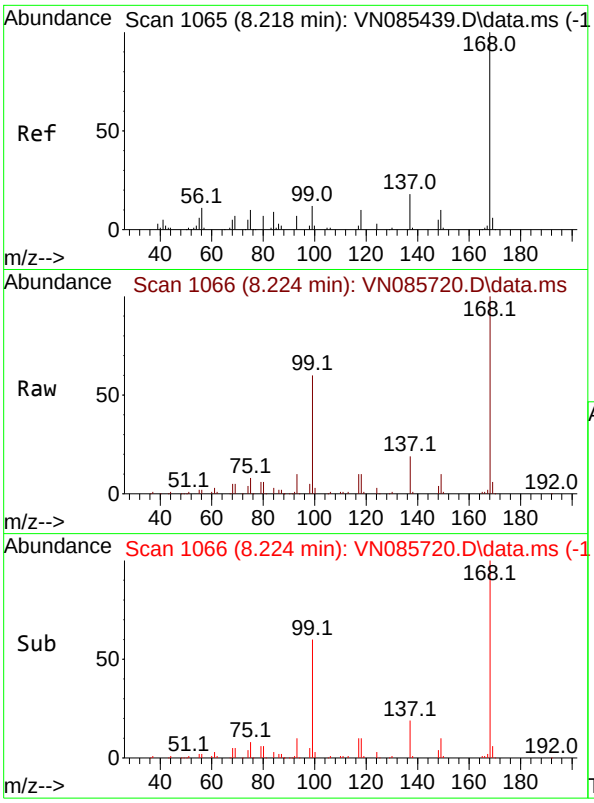
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Time: Feb 11 03:20:28 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



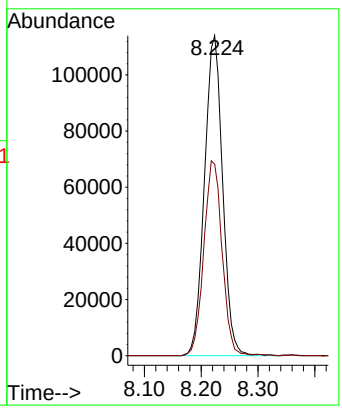
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

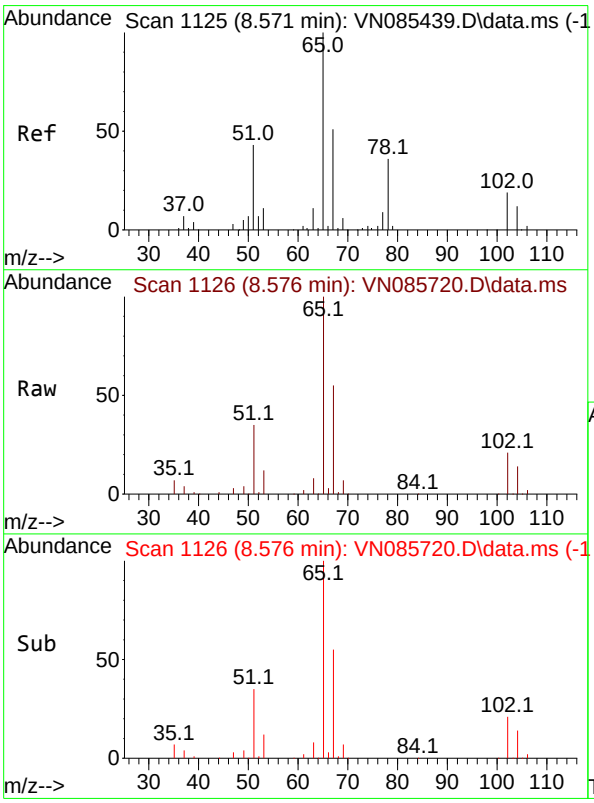


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion:168 Resp: 252400

Ion	Ratio	Lower	Upper
168	100		
99	59.9	53.6	80.4

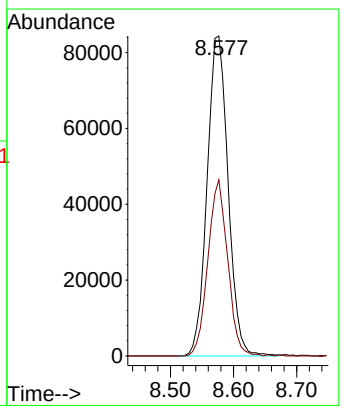


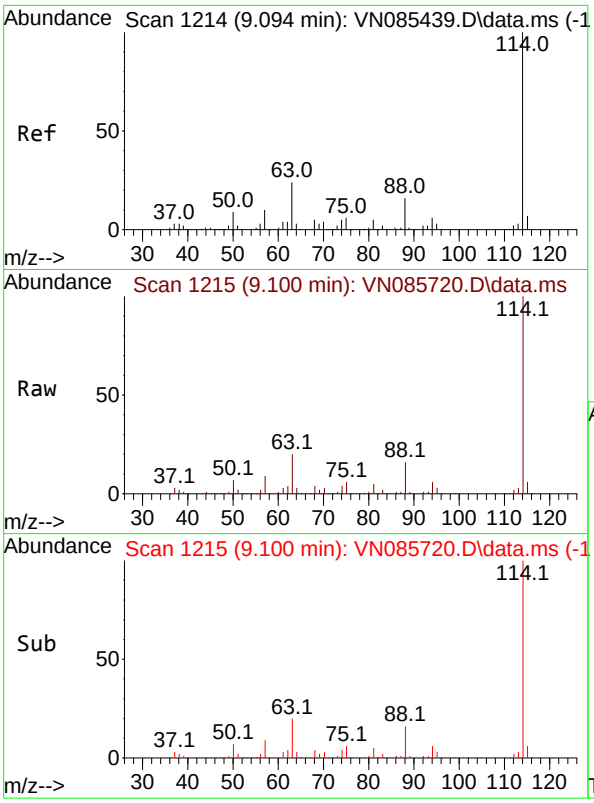


#33
1,2-Dichloroethane-d4
Concen: 47.832 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion: 65 Resp: 194879

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	101.6



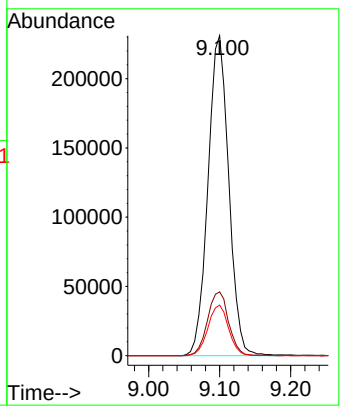


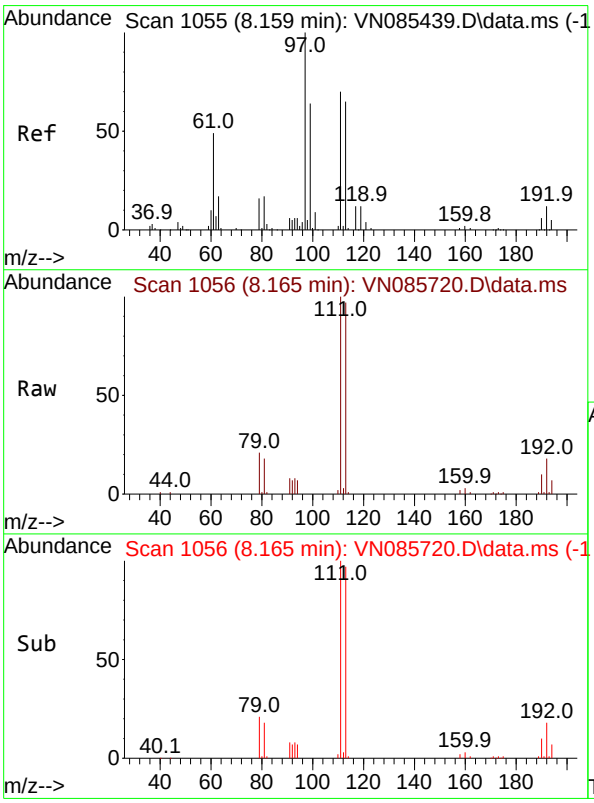
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Tgt Ion:114 Resp: 469407

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	47.6
88	15.8	0.0	32.6

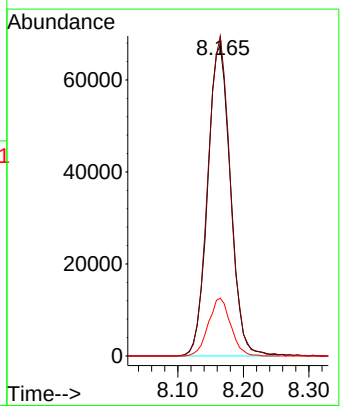


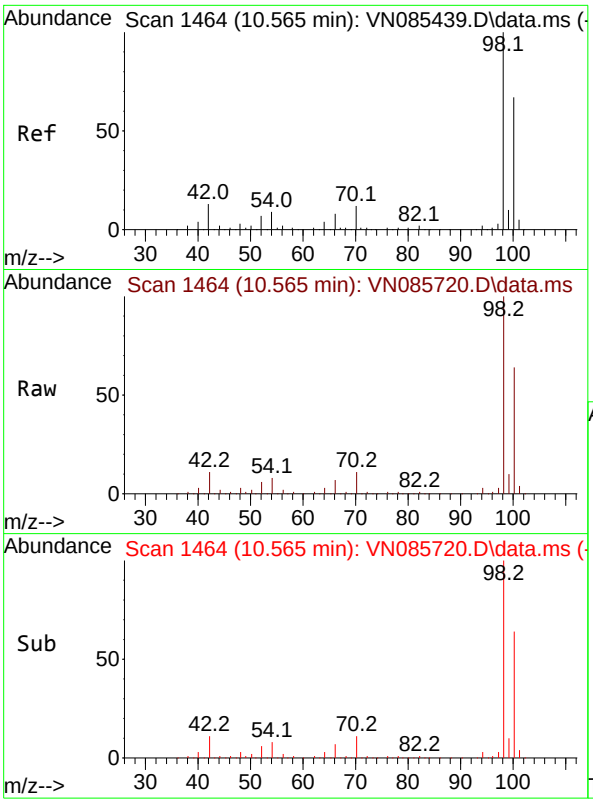


#35
Dibromofluoromethane
Concen: 50.163 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion:113 Resp: 163357

Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.7	124.1
192	18.1	14.3	21.5



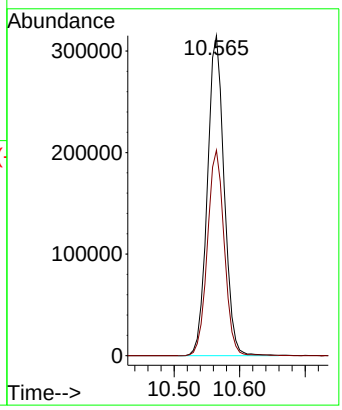


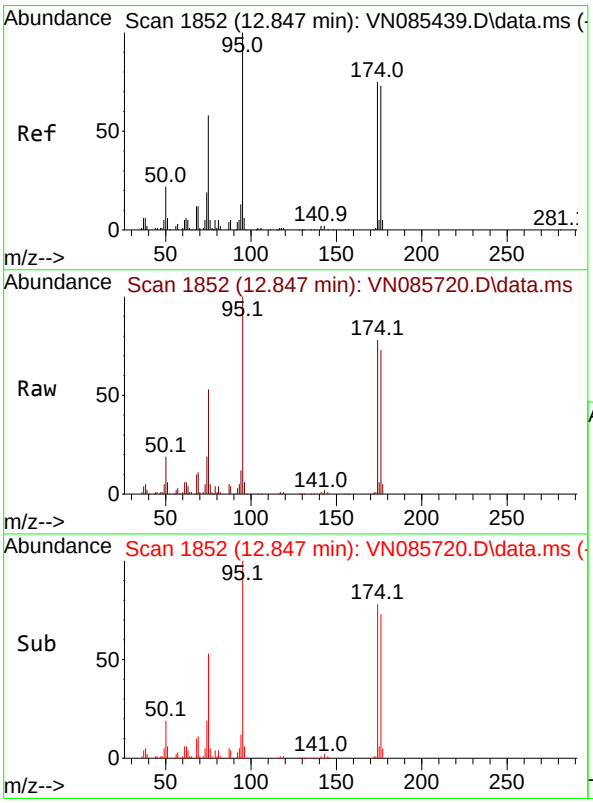
#50
Toluene-d8
Concen: 48.321 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Tgt Ion: 98 Resp: 559089

Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4

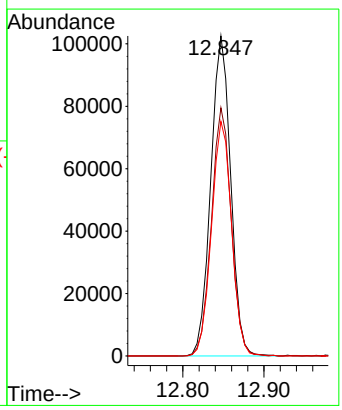


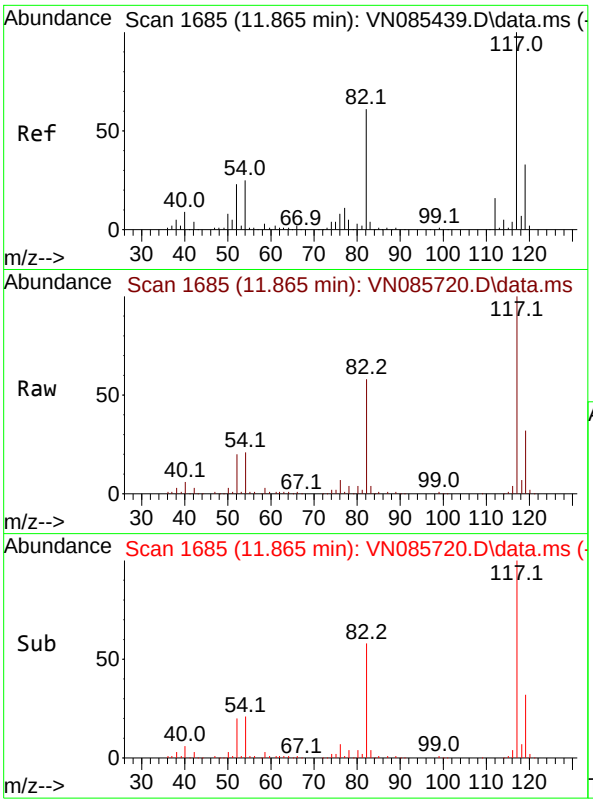


#62
4-Bromofluorobenzene
Concen: 44.177 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion: 95 Resp: 174849

Ion	Ratio	Lower	Upper
95	100		
174	77.2	0.0	145.0
176	73.9	0.0	142.4



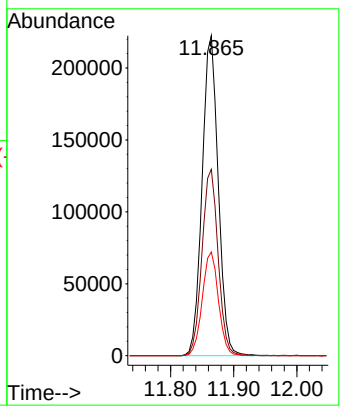


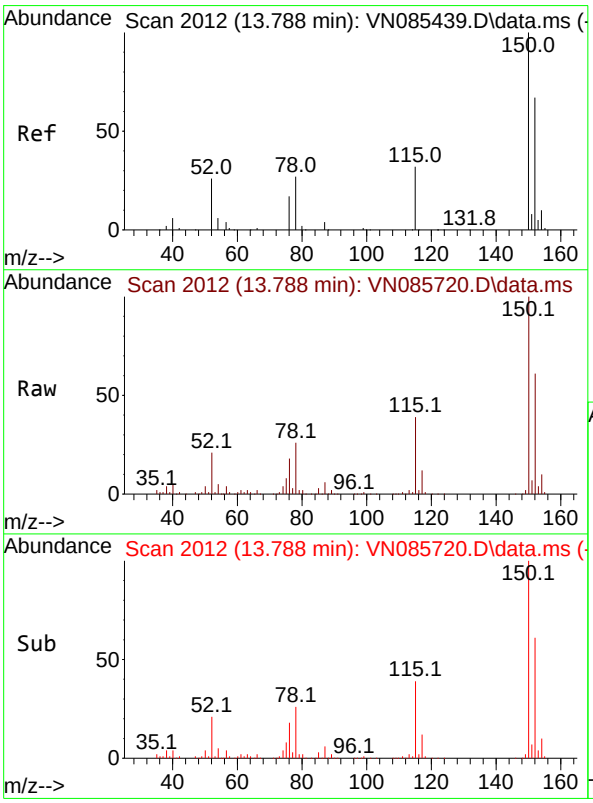
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Tgt Ion:117 Resp: 394938

Ion	Ratio	Lower	Upper
117	100		
82	58.2	48.6	72.8
119	32.4	26.6	39.8

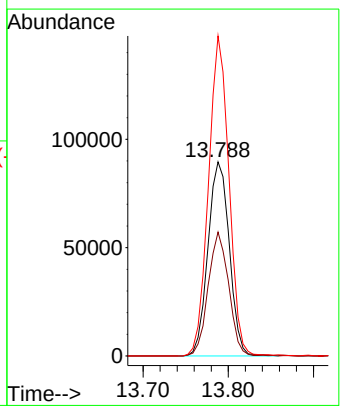




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085720.D
Acq: 10 Feb 2025 13:12

Tgt Ion:152 Resp: 156176

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.1	93.3
150	157.8	0.0	343.6



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

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_N\methods\82N011425W.M
Title : SW846 8260

Signal : TIC: VN085720.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.812	139	146	153	rBV7	7222	16116	1.10%	0.214%
2	8.165	1045	1056	1060	rBV	223967	526229	35.78%	7.001%
3	8.218	1060	1065	1077	rVB	349844	788705	53.63%	10.493%
4	8.577	1115	1126	1135	rBV	239026	533892	36.31%	7.103%
5	8.771	1151	1159	1160	rBV4	10030	23172	1.58%	0.308%
6	9.100	1205	1215	1234	rBV	537670	1102022	74.94%	14.661%
7	10.565	1455	1464	1483	rBV	820391	1470572	100.00%	19.564%
8	11.865	1676	1685	1699	rBV	687962	1229949	83.64%	16.363%
9	12.847	1844	1852	1862	rBV	510153	860884	58.54%	11.453%
10	13.788	2005	2012	2024	rBV	572203	965006	65.62%	12.838%

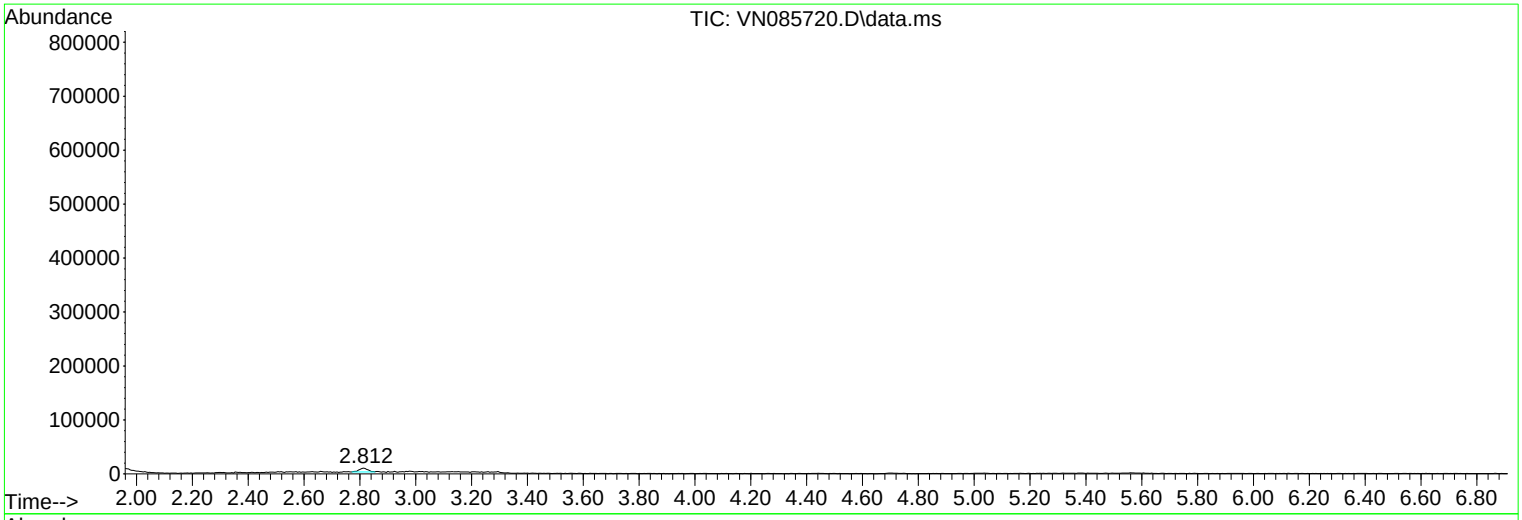
Sum of corrected areas: 7516547

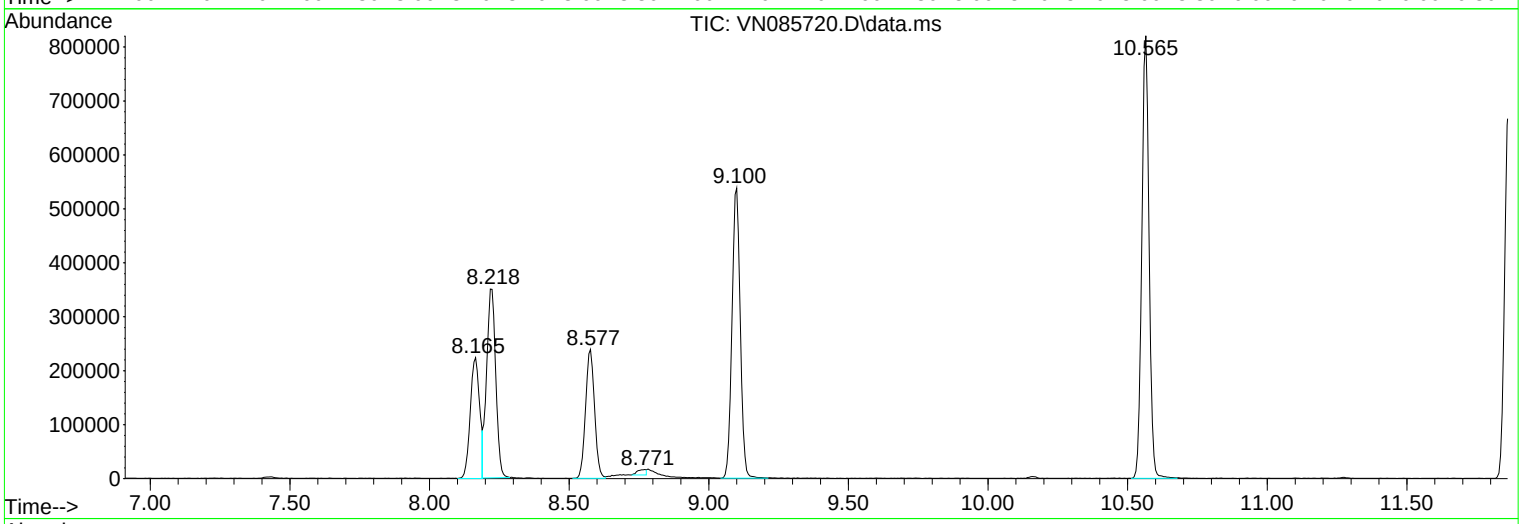
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

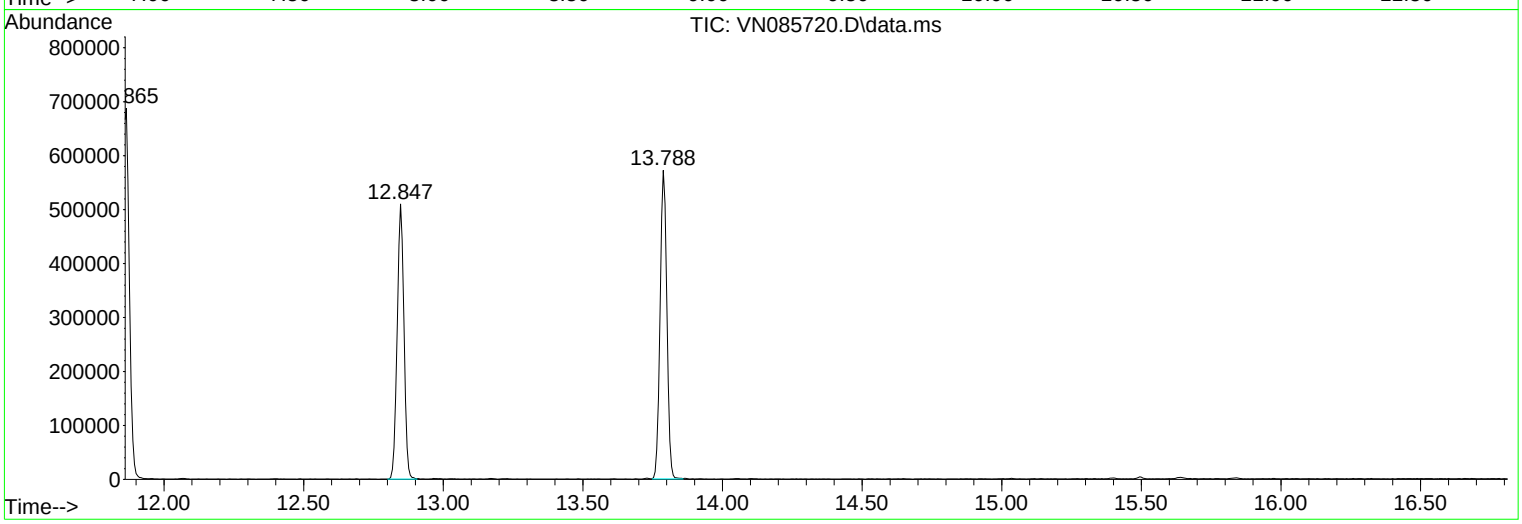
Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.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_N\Data\VN021025\
Data File : VN085720.D
Acq On : 10 Feb 2025 13:12
Operator : JC\MD
Sample : VN0210WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044895.D
Acq On : 11 Feb 2025 11:00
Operator : JC/MD
Sample : VX0211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Quant Time: Feb 12 02:37:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

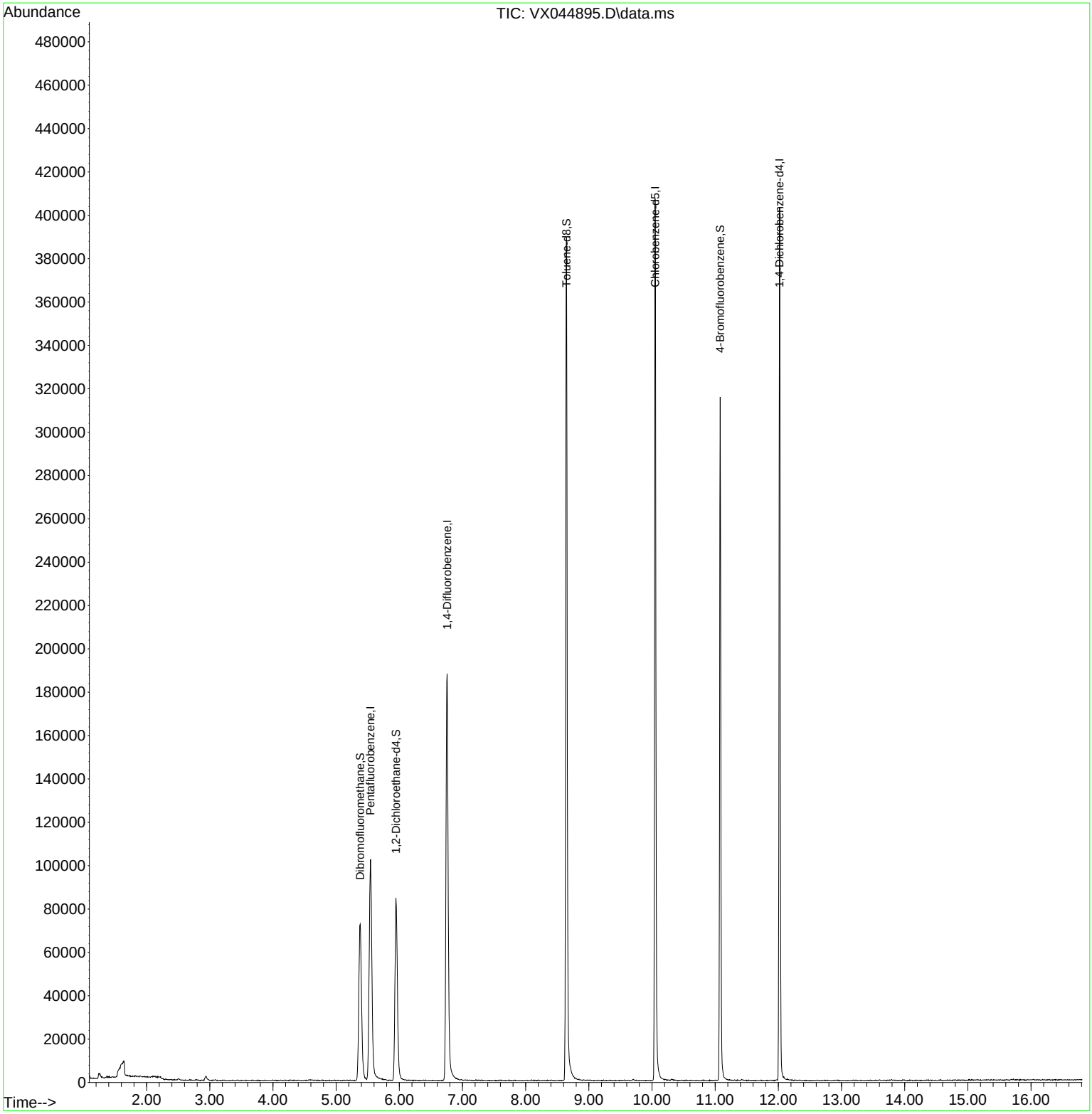
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	98496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199075	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	183423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	77084	53.464	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.920%			
35) Dibromofluoromethane	5.379	113	65973	50.971	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.647	98	245936	50.249	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	11.079	95	86470	52.406	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.820%			
Target Compounds						Qvalue

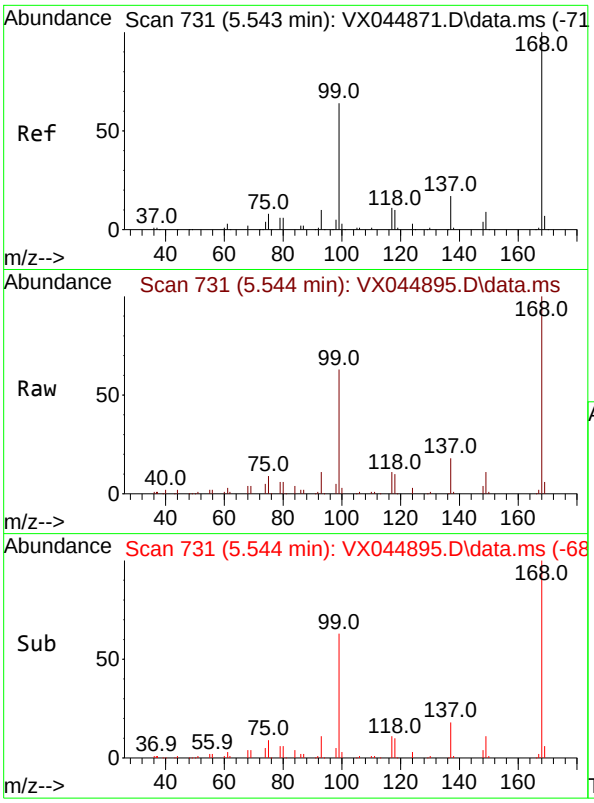
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044895.D
Acq On : 11 Feb 2025 11:00
Operator : JC/MD
Sample : VX0211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Quant Time: Feb 12 02:37:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration



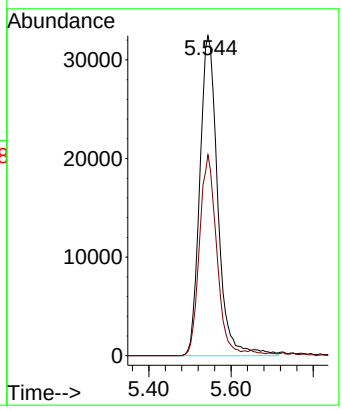


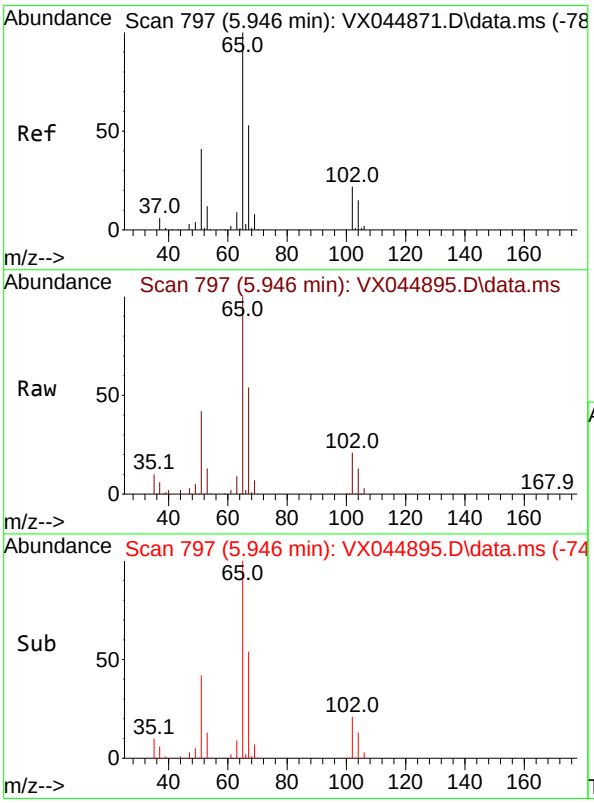
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Tgt Ion:168 Resp: 98496

Ion	Ratio	Lower	Upper
168	100		
99	62.7	51.2	76.8

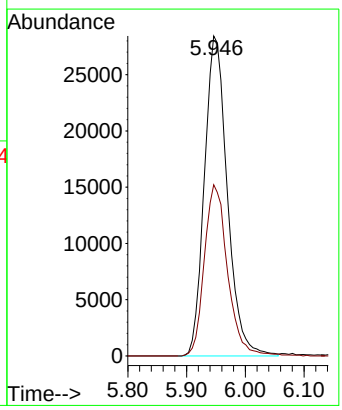


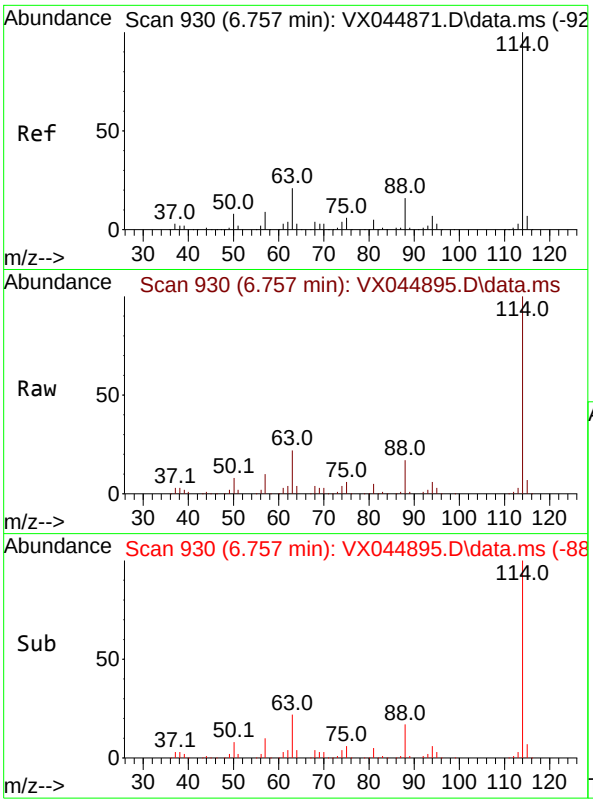


#33
1,2-Dichloroethane-d4
Concen: 53.464 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Tgt Ion: 65 Resp: 77084

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.2



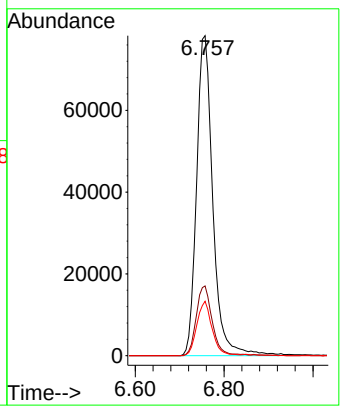


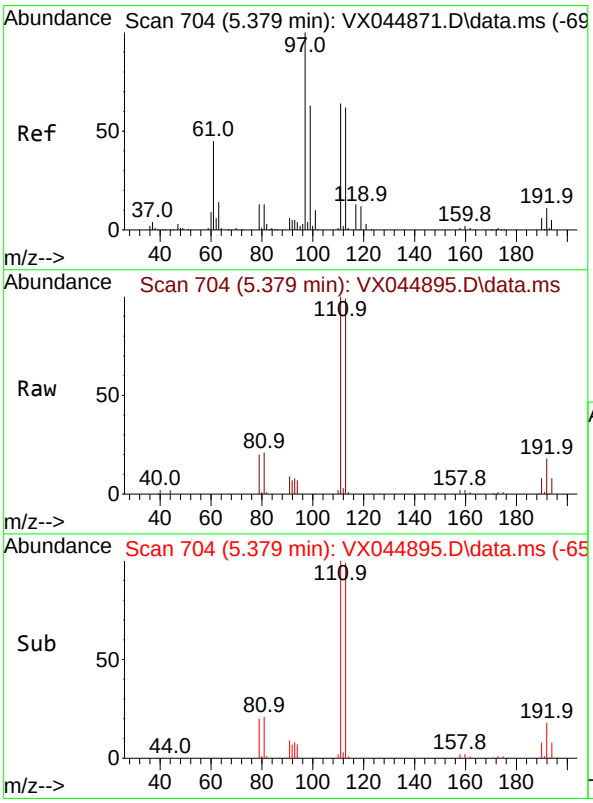
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Tgt Ion:114 Resp: 199075

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.4
88	17.0	0.0	31.4

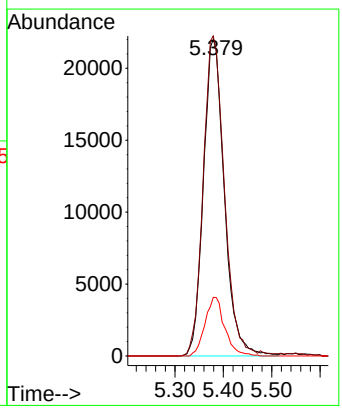


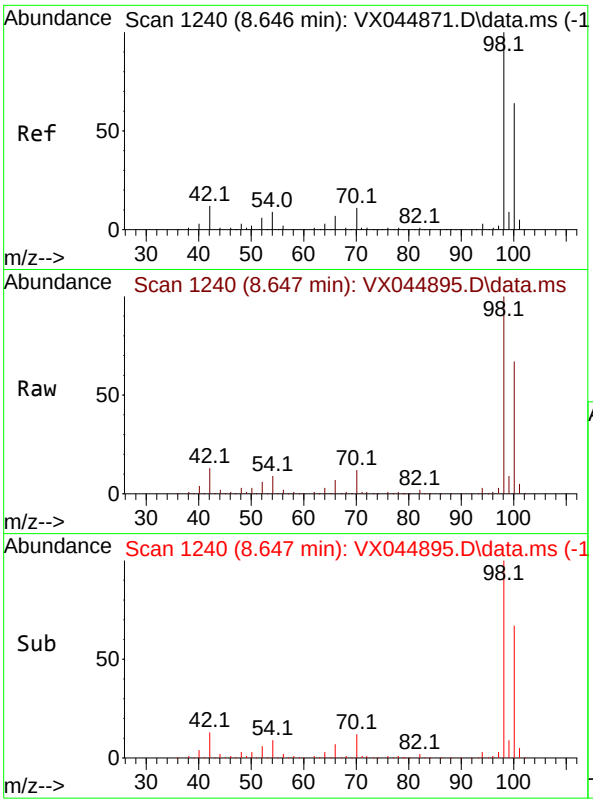


#35
Dibromofluoromethane
Concen: 50.971 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Tgt Ion:113 Resp: 65973

Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.5	125.3
192	17.5	14.4	21.6



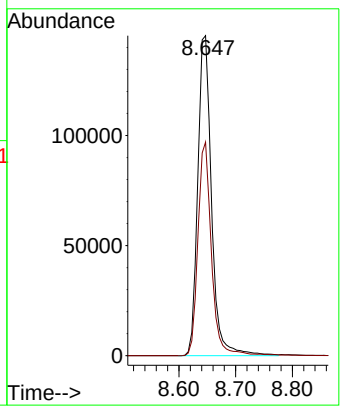


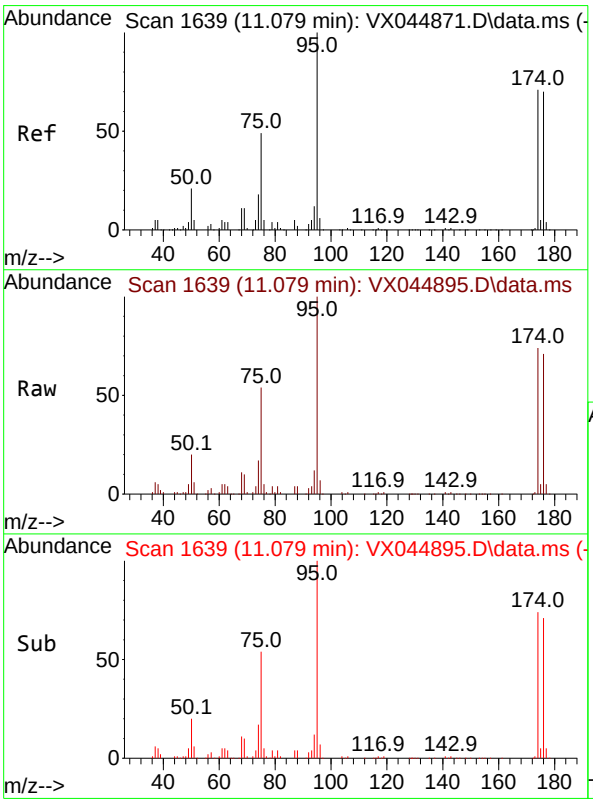
#50
Toluene-d8
Concen: 50.249 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Tgt Ion: 98 Resp: 245936

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.7	79.1

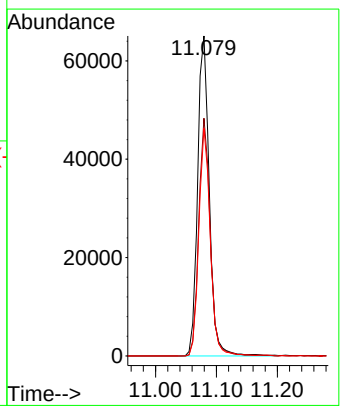


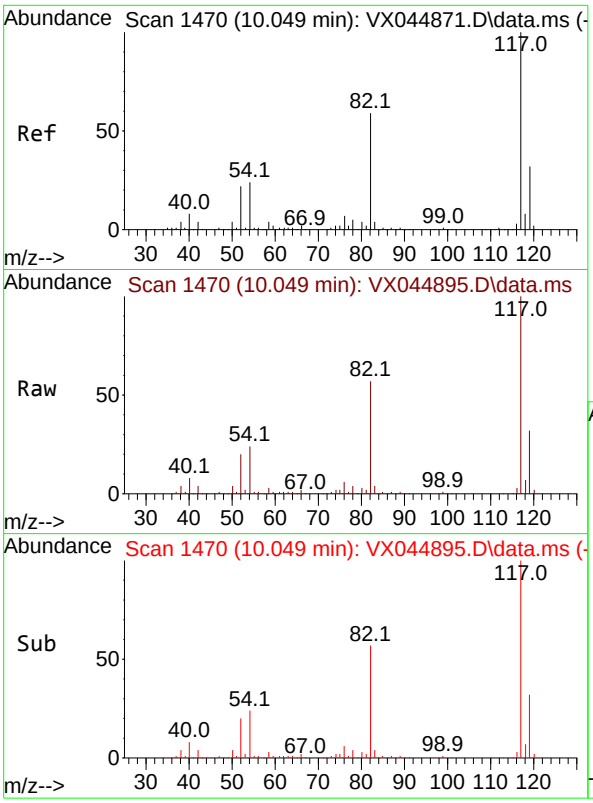


#62
4-Bromofluorobenzene
Concen: 52.406 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Tgt Ion: 95 Resp: 86470

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	142.6
176	69.6	0.0	141.6



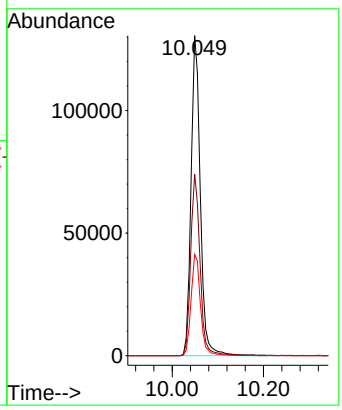


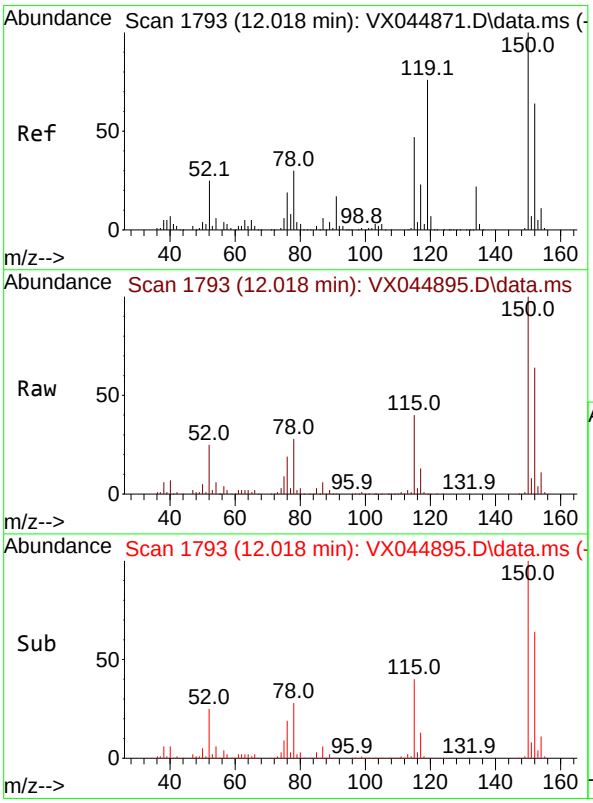
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Tgt Ion:117 Resp: 183423

Ion	Ratio	Lower	Upper
117	100		
82	56.7	47.5	71.3
119	31.6	25.4	38.0

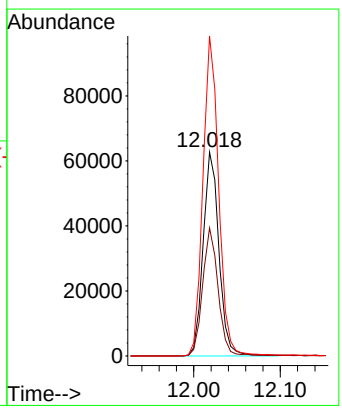




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044895.D
Acq: 11 Feb 2025 11:00

Tgt Ion:152 Resp: 79632

Ion	Ratio	Lower	Upper
152	100		
115	61.6	43.4	130.1
150	155.9	0.0	350.4



Sample Results: **VX044895.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044895.D
Acq On : 11 Feb 2025 11:00
Operator : JC/MD
Sample : VX0211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Title : SW846 8260

Signal : TIC: VX044895.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.612	69	86	87	rBV7	6414	24224	3.68%	0.716%
2	5.379	692	704	721	rBV2	72078	217937	33.08%	6.440%
3	5.544	721	731	747	rBV	101470	295431	44.84%	8.730%
4	5.946	788	797	812	rBV2	84099	224957	34.14%	6.647%
5	6.757	919	930	953	rBV	187792	470188	71.36%	13.894%
6	8.647	1233	1240	1261	rBV	388713	658885	100.00%	19.470%
7	10.049	1465	1470	1489	rBV	406316	574705	87.22%	16.982%
8	11.079	1634	1639	1651	rBV	314963	412597	62.62%	12.192%
9	12.018	1788	1793	1803	rBV	402666	505183	76.67%	14.928%

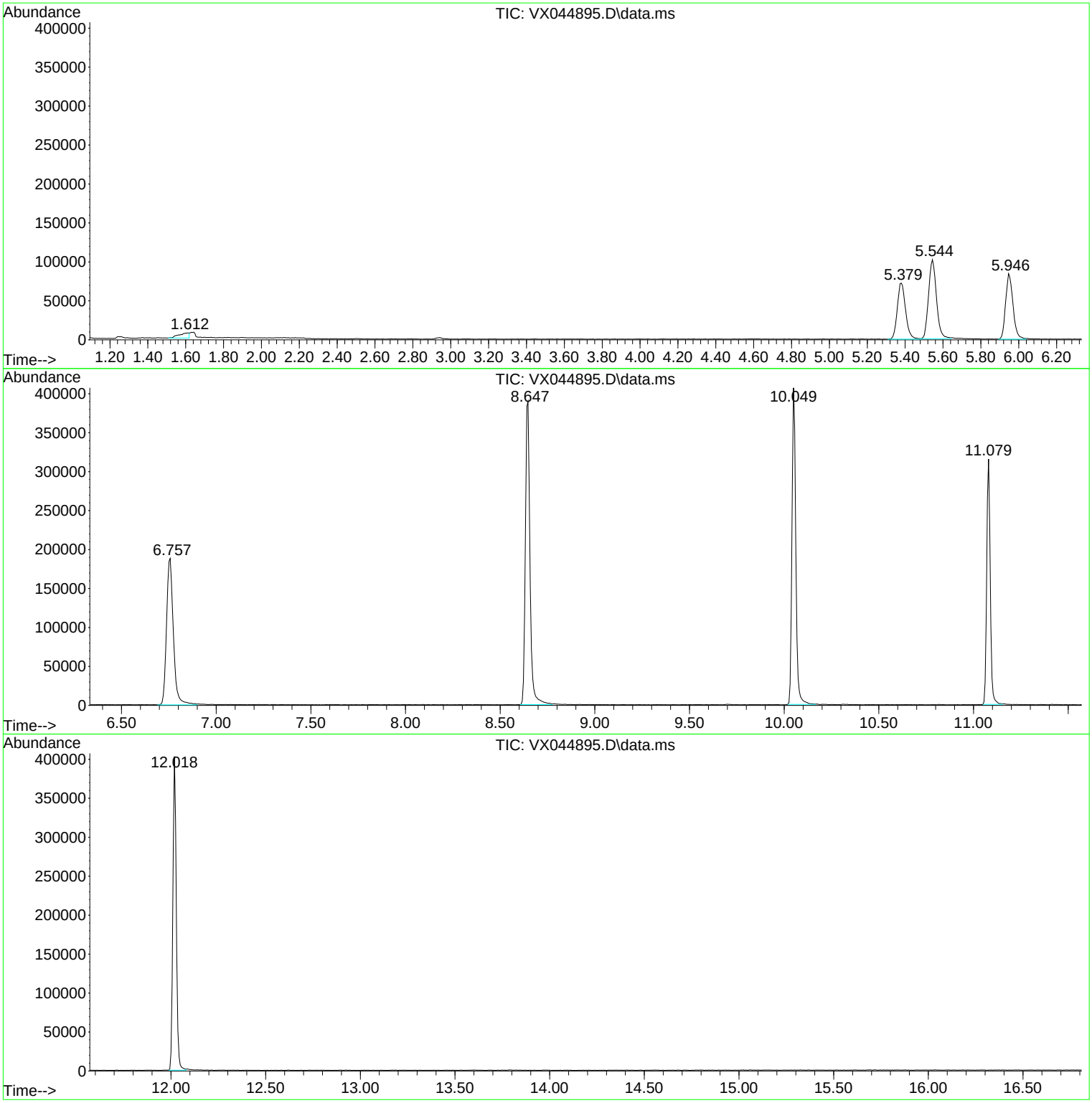
Sum of corrected areas: 3384107

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044895.D
Acq On : 11 Feb 2025 11:00
Operator : JC/MD
Sample : VX0211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044895.D
Acq On : 11 Feb 2025 11:00
Operator : JC/MD
Sample : VX0211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044895.D
Acq On : 11 Feb 2025 11:00
Operator : JC/MD
Sample : VX0211WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.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_N\Data\VN021025\
Data File : VN085721.D
Acq On : 10 Feb 2025 14:12
Operator : JC\MD
Sample : VN0210WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 03:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	320498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	543900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	477598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	232853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	203246	39.286	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	78.580%		
35) Dibromofluoromethane	8.165	113	167990	44.520	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.040%		
50) Toluene-d8	10.565	98	597282	44.551	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.100%		
62) 4-Bromofluorobenzene	12.847	95	213760	46.611	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	93.220%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	88331	20.355	ug/l	99
3) Chloromethane	2.359	50	83326	17.735	ug/l	98
4) Vinyl Chloride	2.512	62	88754	18.794	ug/l	99
5) Bromomethane	2.959	94	52768	18.498	ug/l	98
6) Chloroethane	3.124	64	53912	18.006	ug/l	97
7) Trichlorofluoromethane	3.501	101	123240	17.985	ug/l	97
8) Diethyl Ether	3.959	74	40137	16.955	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	72118	18.686	ug/l	97
10) Methyl Iodide	4.589	142	87760	19.856	ug/l	99
11) Tert butyl alcohol	5.518	59	51371	86.717	ug/l	99
12) 1,1-Dichloroethene	4.336	96	65001	18.897	ug/l	90
13) Acrolein	4.177	56	40936	50.621	ug/l	97
14) Allyl chloride	5.018	41	85957	15.400	ug/l	96
15) Acrylonitrile	5.718	53	155679	82.735	ug/l	99
16) Acetone	4.424	43	131435	78.628	ug/l	94
17) Carbon Disulfide	4.712	76	190875	18.023	ug/l #	94
18) Methyl Acetate	5.024	43	79755	15.690	ug/l	94
19) Methyl tert-butyl Ether	5.789	73	200083	17.914	ug/l	97
20) Methylene Chloride	5.277	84	75264	18.188	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	68149	18.539	ug/l	96
22) Diisopropyl ether	6.665	45	202767	16.367	ug/l	96
23) Vinyl Acetate	6.600	43	709850	81.875	ug/l	96
24) 1,1-Dichloroethane	6.565	63	130079	17.220	ug/l	98
25) 2-Butanone	7.477	43	192994	78.456	ug/l #	88
26) 2,2-Dichloropropane	7.489	77	116035	18.999	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	77257	17.843	ug/l	96
28) Bromochloromethane	7.812	49	57336	16.315	ug/l	89
29) Tetrahydrofuran	7.836	42	126475	81.095	ug/l	91
30) Chloroform	7.965	83	135647	17.374	ug/l	97
31) Cyclohexane	8.253	56	108881	16.583	ug/l	90
32) 1,1,1-Trichloroethane	8.165	97	119557	17.458	ug/l	95
36) 1,1-Dichloropropene	8.371	75	93549	17.665	ug/l	98
37) Ethyl Acetate	7.559	43	79822	14.933	ug/l	96
38) Carbon Tetrachloride	8.359	117	109315	18.030	ug/l	98
39) Methylcyclohexane	9.600	83	91915	18.470	ug/l	98
40) Benzene	8.606	78	290473	18.255	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085721.D
Acq On : 10 Feb 2025 14:12
Operator : JC\MD
Sample : VN0210WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 03:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	43060	15.484	ug/l		93
42) 1,2-Dichloroethane	8.665	62	98683	16.466	ug/l		97
43) Isopropyl Acetate	8.683	43	145019	16.931	ug/l		99
44) Trichloroethene	9.347	130	68649	18.534	ug/l		97
45) 1,2-Dichloropropane	9.618	63	69815	17.177	ug/l		100
46) Dibromomethane	9.706	93	50778	17.314	ug/l		96
47) Bromodichloromethane	9.882	83	105660	17.684	ug/l		100
48) Methyl methacrylate	9.677	41	61288	15.900	ug/l		93
49) 1,4-Dioxane	9.688	88	23751	365.912	ug/l		94
51) 4-Methyl-2-Pentanone	10.441	43	404517	81.388	ug/l		95
52) Toluene	10.624	92	179258	19.443	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	101058	17.898	ug/l		95
54) cis-1,3-Dichloropropene	10.306	75	110376	18.301	ug/l		94
55) 1,1,2-Trichloroethane	11.012	97	66822	18.314	ug/l		96
56) Ethyl methacrylate	10.871	69	94038	16.640	ug/l		89
57) 1,3-Dichloropropane	11.159	76	113364	17.868	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.159	63	200212	86.468	ug/l		97
59) 2-Hexanone	11.194	43	287586	82.233	ug/l		93
60) Dibromochloromethane	11.359	129	79667	18.085	ug/l		100
61) 1,2-Dibromoethane	11.471	107	66280	18.249	ug/l		99
64) Tetrachloroethene	11.100	164	64003	19.657	ug/l		99
65) Chlorobenzene	11.888	112	194870	18.625	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	68857	17.932	ug/l		98
67) Ethyl Benzene	11.959	91	319020	18.721	ug/l		98
68) m/p-Xylenes	12.071	106	251837	39.987	ug/l		97
69) o-Xylene	12.394	106	115933	19.262	ug/l		98
70) Styrene	12.406	104	196059	19.683	ug/l		98
71) Bromoform	12.576	173	52382	19.065	ug/l	#	99
73) Isopropylbenzene	12.694	105	292203	18.593	ug/l		99
74) N-amyl acetate	12.494	43	109562	15.510	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.935	83	93715	16.881	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	87763m	18.544	ug/l		
77) Bromobenzene	12.976	156	74162	18.062	ug/l		96
78) n-propylbenzene	13.035	91	346882	18.645	ug/l		99
79) 2-Chlorotoluene	13.123	91	215960	17.936	ug/l		96
80) 1,3,5-Trimethylbenzene	13.170	105	247091	19.035	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.735	75	32042m	18.317	ug/l		
82) 4-Chlorotoluene	13.218	91	222118	18.527	ug/l		98
83) tert-Butylbenzene	13.435	119	198026	18.165	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	249382	19.275	ug/l		99
85) sec-Butylbenzene	13.612	105	284863	18.854	ug/l		100
86) p-Isopropyltoluene	13.729	119	238678	19.005	ug/l		98
87) 1,3-Dichlorobenzene	13.729	146	139515	18.451	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	137627	17.560	ug/l		100
89) n-Butylbenzene	14.053	91	192550	17.764	ug/l		99
90) Hexachloroethane	14.329	117	49134	17.083	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	134016	17.768	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17393	17.157	ug/l		94
93) 1,2,4-Trichlorobenzene	15.388	180	60944	17.385	ug/l		99
94) Hexachlorobutadiene	15.494	225	32965	17.713	ug/l		96
95) Naphthalene	15.641	128	169714	16.224	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	60838	17.152	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085721.D
Acq On : 10 Feb 2025 14:12
Operator : JC\MD
Sample : VN0210WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 03:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

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

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

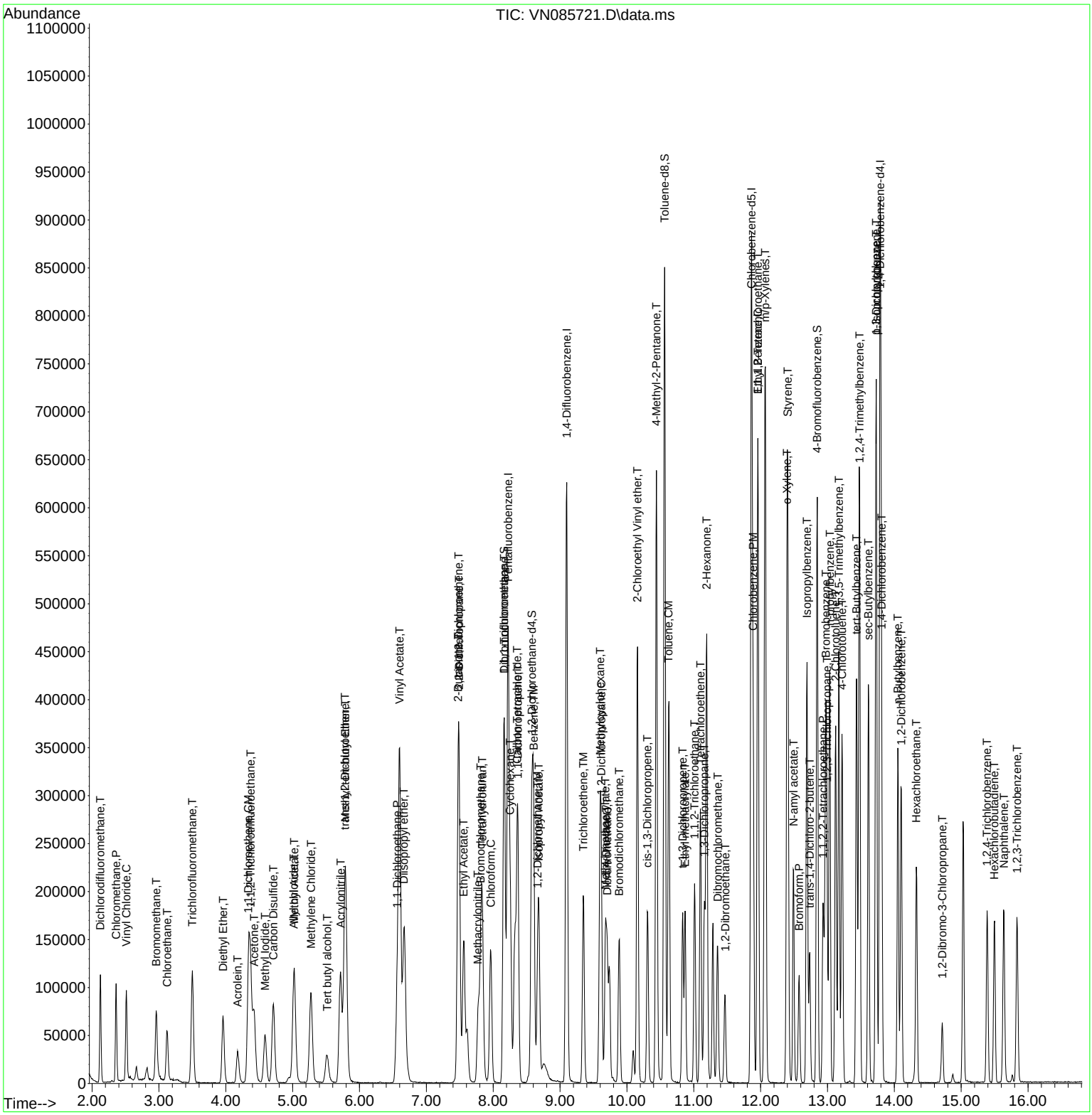
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085721.D
Acq On : 10 Feb 2025 14:12
Operator : JC\MD
Sample : VN0210WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 11 03:20:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044896.D
Acq On : 11 Feb 2025 11:23
Operator : JC/MD
Sample : VX0211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 02:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	122388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	213544	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	190238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	87843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78398	43.760	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 87.520%			
35) Dibromofluoromethane	5.379	113	63156	45.489	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.980%			
50) Toluene-d8	8.647	98	242464	46.183	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.360%			
62) 4-Bromofluorobenzene	11.079	95	83827	47.362	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	32027	18.658	ug/l	97
3) Chloromethane	1.294	50	37256	17.833	ug/l	99
4) Vinyl Chloride	1.374	62	36130	17.851	ug/l	99
5) Bromomethane	1.593	94	11503	18.993	ug/l	99
6) Chloroethane	1.666	64	19246	22.573	ug/l	99
7) Trichlorofluoromethane	1.873	101	46837	18.299	ug/l	97
8) Diethyl Ether	2.130	74	17191	18.520	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	28594	18.490	ug/l	99
10) Methyl Iodide	2.447	142	37251	18.586	ug/l	99
11) Tert butyl alcohol	2.971	59	30779	92.607	ug/l	99
12) 1,1-Dichloroethene	2.312	96	28452	18.036	ug/l	96
13) Acrolein	2.233	56	26717	77.912	ug/l	100
14) Allyl chloride	2.660	41	50787	17.814	ug/l	97
15) Acrylonitrile	3.062	53	79135	89.177	ug/l	99
16) Acetone	2.380	43	63538	88.221	ug/l	99
17) Carbon Disulfide	2.501	76	74275	17.170	ug/l	98
18) Methyl Acetate	2.697	43	40956	18.021	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	89228	17.778	ug/l	100
20) Methylene Chloride	2.782	84	31484	17.847	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	27928	17.988	ug/l	93
22) Diisopropyl ether	3.757	45	100392	18.613	ug/l	95
23) Vinyl Acetate	3.715	43	397646	90.433	ug/l	100
24) 1,1-Dichloroethane	3.605	63	54622	18.099	ug/l	98
25) 2-Butanone	4.556	43	105608	90.302	ug/l	95
26) 2,2-Dichloropropane	4.471	77	43271	18.080	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	34607	18.557	ug/l	97
28) Bromochloromethane	4.891	49	22169	15.285	ug/l	100
29) Tetrahydrofuran	5.001	42	71647	92.261	ug/l	99
30) Chloroform	5.080	83	54058	18.470	ug/l	97
31) Cyclohexane	5.458	56	50621	18.194	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	44956	18.109	ug/l	99
36) 1,1-Dichloropropene	5.684	75	38557	19.249	ug/l	99
37) Ethyl Acetate	4.708	43	39887	17.903	ug/l	98
38) Carbon Tetrachloride	5.665	117	37975	19.346	ug/l	95
39) Methylcyclohexane	7.372	83	52588	20.307	ug/l	98
40) Benzene	6.031	78	120297	19.233	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044896.D
Acq On : 11 Feb 2025 11:23
Operator : JC/MD
Sample : VX0211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 02:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22207	18.621	ug/l		97
42) 1,2-Dichloroethane	6.080	62	39196	19.662	ug/l		98
43) Isopropyl Acetate	6.336	43	67173	18.670	ug/l		99
44) Trichloroethene	7.123	130	27440	19.193	ug/l		97
45) 1,2-Dichloropropane	7.421	63	29707	19.091	ug/l		97
46) Dibromomethane	7.574	93	20763	19.240	ug/l		98
47) Bromodichloromethane	7.818	83	40827	19.539	ug/l		98
48) Methyl methacrylate	7.690	41	31984	18.854	ug/l		99
49) 1,4-Dioxane	7.659	88	15032	413.003	ug/l		97
51) 4-Methyl-2-Pentanone	8.567	43	217292	99.343	ug/l		99
52) Toluene	8.714	92	72821	19.549	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	39281	18.577	ug/l		94
54) cis-1,3-Dichloropropene	8.360	75	44977	19.077	ug/l		100
55) 1,1,2-Trichloroethane	9.147	97	28376	19.816	ug/l		97
56) Ethyl methacrylate	9.116	69	44038	19.041	ug/l		99
57) 1,3-Dichloropropane	9.305	76	48722	19.446	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	91789	80.829	ug/l		99
59) 2-Hexanone	9.427	43	160581	101.894	ug/l		98
60) Dibromochloromethane	9.518	129	29042	18.964	ug/l		100
61) 1,2-Dibromoethane	9.610	107	27865	19.199	ug/l		97
64) Tetrachloroethene	9.268	164	22565	18.808	ug/l		98
65) Chlorobenzene	10.079	112	77829	19.048	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	24758	18.825	ug/l		98
67) Ethyl Benzene	10.189	91	137771	19.107	ug/l		100
68) m/p-Xylenes	10.299	106	103355	38.857	ug/l		100
69) o-Xylene	10.640	106	51211	19.188	ug/l		98
70) Styrene	10.652	104	83008	19.304	ug/l		99
71) Bromoform	10.799	173	18821	19.176	ug/l	#	97
73) Isopropylbenzene	10.957	105	129845	18.358	ug/l		100
74) N-amyl acetate	10.841	43	59187	18.492	ug/l		100
75) 1,1,2,2-Tetrachloroethane	11.207	83	44850	18.453	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	35490m	18.222	ug/l		
77) Bromobenzene	11.195	156	30059	18.745	ug/l		99
78) n-propylbenzene	11.299	91	152366	18.663	ug/l		100
79) 2-Chlorotoluene	11.360	91	92170	18.370	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	107531	18.734	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	12359	16.324	ug/l		96
82) 4-Chlorotoluene	11.451	91	102495	18.464	ug/l		100
83) tert-Butylbenzene	11.713	119	108994	18.771	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	108980	19.237	ug/l		100
85) sec-Butylbenzene	11.890	105	137742	19.157	ug/l		99
86) p-Isopropyltoluene	12.006	119	110966	19.191	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	56608	19.196	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	55645	18.663	ug/l		99
89) n-Butylbenzene	12.329	91	98048	19.167	ug/l		99
90) Hexachloroethane	12.536	117	19308	17.833	ug/l		95
91) 1,2-Dichlorobenzene	12.335	146	56136	19.369	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8224	18.540	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	32400	18.475	ug/l		100
94) Hexachlorobutadiene	13.719	225	13235	19.011	ug/l		97
95) Naphthalene	13.774	128	116851	18.432	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	33208	18.792	ug/l		96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044896.D
Acq On : 11 Feb 2025 11:23
Operator : JC/MD
Sample : VX0211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 02:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025

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

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

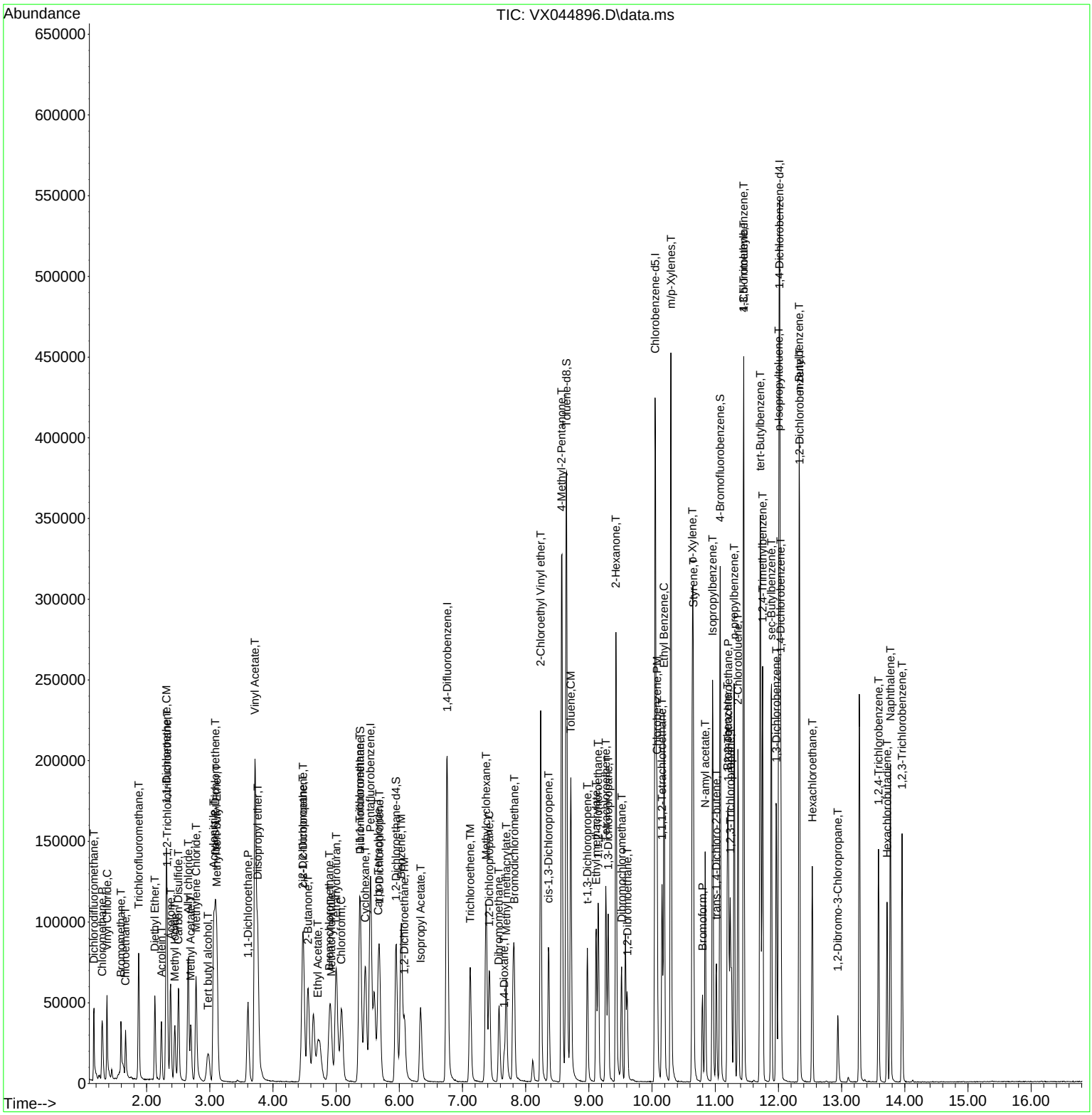
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021125\
Data File : VX044896.D
Acq On : 11 Feb 2025 11:23
Operator : JC/MD
Sample : VX0211WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 12 02:38:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0211WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/12/2025
Supervised By :Mahesh Dadoda 02/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085733.D
Acq On : 10 Feb 2025 18:59
Operator : JC\MD
Sample : VN0210WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 11 03:28:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.224	168	231142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	403589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	186071	49.870	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.740%			
35) Dibromofluoromethane	8.165	113	152408	54.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.860%			
50) Toluene-d8	10.565	98	543357	54.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.240%			
62) 4-Bromofluorobenzene	12.847	95	195707	57.511	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	69902	22.336	ug/l	98
3) Chloromethane	2.359	50	69207	20.424	ug/l	98
4) Vinyl Chloride	2.512	62	73505	21.582	ug/l	97
5) Bromomethane	2.954	94	42642	20.727	ug/l	93
6) Chloroethane	3.118	64	45644	21.138	ug/l	94
7) Trichlorofluoromethane	3.501	101	101829	20.605	ug/l	96
8) Diethyl Ether	3.959	74	34304	20.093	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	57836	20.778	ug/l	98
10) Methyl Iodide	4.589	142	74089	23.243	ug/l	93
11) Tert butyl alcohol	5.518	59	48502	113.525	ug/l	99
12) 1,1-Dichloroethene	4.342	96	54189	21.844	ug/l	92
13) Acrolein	4.177	56	55543	95.236	ug/l	96
14) Allyl chloride	5.018	41	70783	17.584	ug/l	95
15) Acrylonitrile	5.718	53	136377	100.496	ug/l	99
16) Acetone	4.424	43	110809	91.915	ug/l	96
17) Carbon Disulfide	4.712	76	153388	20.082	ug/l	99
18) Methyl Acetate	5.024	43	70306	19.179	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	171132	21.245	ug/l	97
20) Methylene Chloride	5.271	84	62100	20.808	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	56508	21.315	ug/l	97
22) Diisopropyl ether	6.671	45	171243	19.166	ug/l	97
23) Vinyl Acetate	6.600	43	604661m	96.704	ug/l	
24) 1,1-Dichloroethane	6.571	63	108507	19.917	ug/l	98
25) 2-Butanone	7.483	43	168816	95.157	ug/l #	89
26) 2,2-Dichloropropane	7.489	77	93490	21.226	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	65572	20.999	ug/l	93
28) Bromochloromethane	7.812	49	56710	22.375	ug/l	86
29) Tetrahydrofuran	7.836	42	114064	101.411	ug/l	91
30) Chloroform	7.965	83	112224	19.931	ug/l	98
31) Cyclohexane	8.253	56	86612	18.291	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	102075	20.667	ug/l	95
36) 1,1-Dichloropropene	8.371	75	77259	19.661	ug/l	99
37) Ethyl Acetate	7.559	43	72999	18.404	ug/l	98
38) Carbon Tetrachloride	8.359	117	91209	20.274	ug/l	99
39) Methylcyclohexane	9.600	83	74319	20.126	ug/l	95
40) Benzene	8.606	78	248602	21.055	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085733.D
Acq On : 10 Feb 2025 18:59
Operator : JC\MD
Sample : VN0210WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 11 03:28:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.771	41	39995	19.381	ug/l		97
42) 1,2-Dichloroethane	8.671	62	86733	19.504	ug/l		99
43) Isopropyl Acetate	8.688	43	130144	20.477	ug/l		99
44) Trichloroethene	9.347	130	57172	20.802	ug/l		92
45) 1,2-Dichloropropane	9.618	63	59156	19.615	ug/l		97
46) Dibromomethane	9.706	93	43727	20.094	ug/l		95
47) Bromodichloromethane	9.882	83	89840	20.264	ug/l		99
48) Methyl methacrylate	9.677	41	55422	19.377	ug/l		92
49) 1,4-Dioxane	9.694	88	22461	466.342	ug/l		95
51) 4-Methyl-2-Pentanone	10.441	43	364061	98.714	ug/l		95
52) Toluene	10.629	92	150953	22.065	ug/l		100
53) t-1,3-Dichloropropene	10.835	75	86648	20.681	ug/l		97
54) cis-1,3-Dichloropropene	10.312	75	94546	21.126	ug/l		92
55) 1,1,2-Trichloroethane	11.012	97	57705	21.313	ug/l		98
56) Ethyl methacrylate	10.871	69	83395	19.510	ug/l		91
57) 1,3-Dichloropropane	11.159	76	97185	20.644	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.159	63	181891	105.866	ug/l		97
59) 2-Hexanone	11.194	43	262185	101.034	ug/l		93
60) Dibromochloromethane	11.359	129	69068	21.130	ug/l		99
61) 1,2-Dibromoethane	11.465	107	57030	21.161	ug/l		100
64) Tetrachloroethene	11.100	164	52118	21.319	ug/l		95
65) Chlorobenzene	11.888	112	163378	20.797	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.959	131	60097	20.844	ug/l		98
67) Ethyl Benzene	11.959	91	278845	21.793	ug/l		100
68) m/p-Xylenes	12.071	106	214296	45.317	ug/l		97
69) o-Xylene	12.394	106	103912	22.994	ug/l		97
70) Styrene	12.406	104	170141	22.749	ug/l		98
71) Bromoform	12.576	173	45609	22.108	ug/l	#	98
73) Isopropylbenzene	12.694	105	258819	22.976	ug/l		98
74) N-amyl acetate	12.494	43	100274	19.805	ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.935	83	82681	20.779	ug/l		99
76) 1,2,3-Trichloropropane	12.988	75	64639m	19.054	ug/l		
77) Bromobenzene	12.976	156	63556	21.596	ug/l		94
78) n-propylbenzene	13.035	91	294746	22.103	ug/l		98
79) 2-Chlorotoluene	13.123	91	187503	21.725	ug/l		98
80) 1,3,5-Trimethylbenzene	13.171	105	209301	22.494	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.735	75	26603	21.217	ug/l		86
82) 4-Chlorotoluene	13.218	91	184197	21.435	ug/l		97
83) tert-Butylbenzene	13.435	119	179417	22.962	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	215295	23.216	ug/l		99
85) sec-Butylbenzene	13.612	105	250416	23.123	ug/l		99
86) p-Isopropyltoluene	13.723	119	210787	23.155	ug/l		100
87) 1,3-Dichlorobenzene	13.729	146	116748	21.541	ug/l		97
88) 1,4-Dichlorobenzene	13.812	146	112036	19.943	ug/l		99
89) n-Butylbenzene	14.053	91	177324	22.824	ug/l		96
90) Hexachloroethane	14.329	117	39638	19.226	ug/l		98
91) 1,2-Dichlorobenzene	14.106	146	113871	21.063	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15149	20.849	ug/l		84
93) 1,2,4-Trichlorobenzene	15.388	180	54735	21.784	ug/l		98
94) Hexachlorobutadiene	15.500	225	25144	18.849	ug/l		94
95) Naphthalene	15.635	128	185618	24.756	ug/l		97
96) 1,2,3-Trichlorobenzene	15.835	180	53261	20.949	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085733.D
Acq On : 10 Feb 2025 18:59
Operator : JC\MD
Sample : VN0210WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 11 03:28:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

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

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

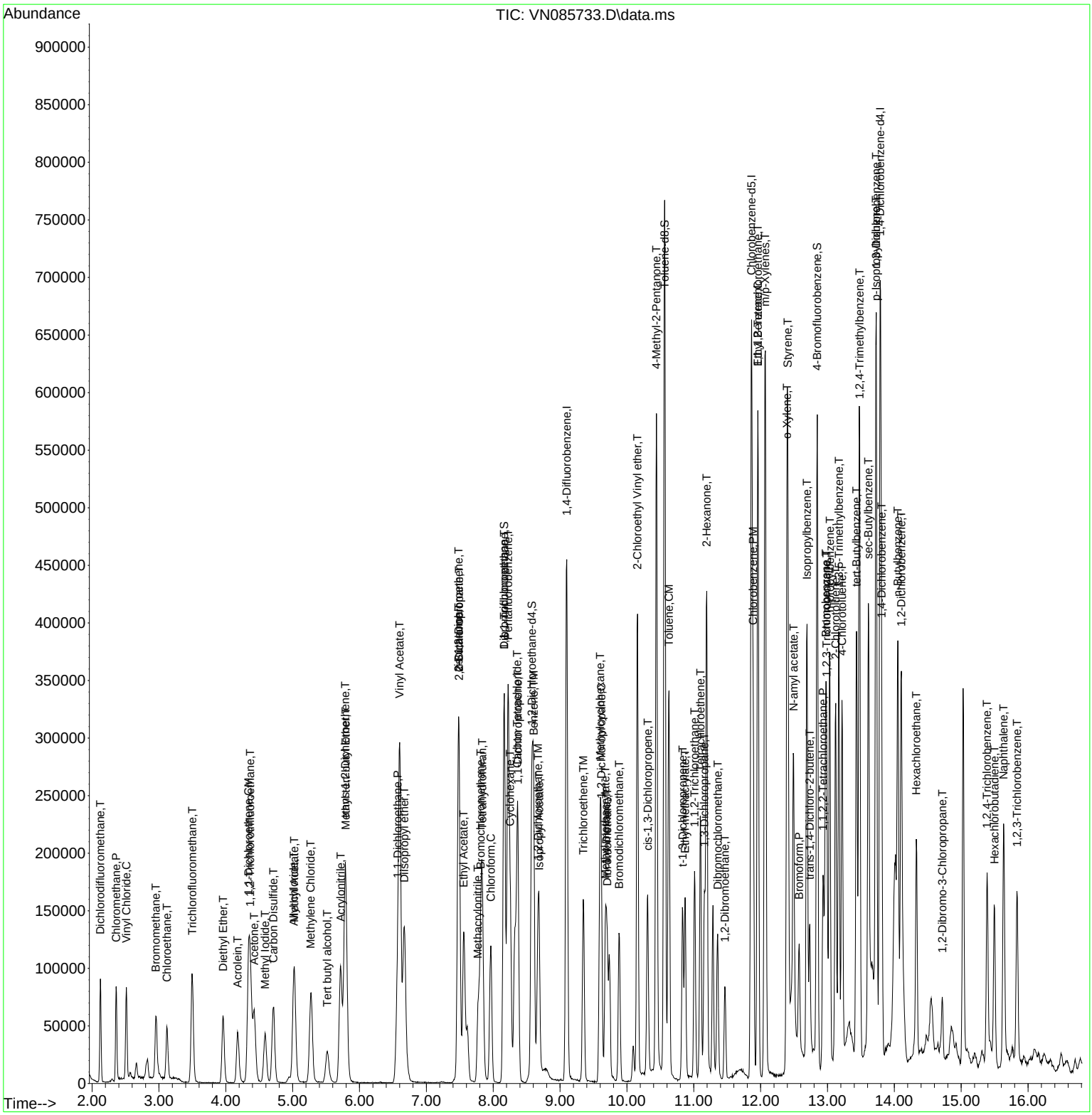
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
Data File : VN085733.D
Acq On : 10 Feb 2025 18:59
Operator : JC\MD
Sample : VN0210WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 11 03:28:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0210WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



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

Manual Integration Report

Sequence:	VN011425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC100	VN085438.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:09 AM	MMDadoda	1/15/2025 12:55:19 PM	Peak Integrated by Software
VSTDICCC050	VN085439.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:14 AM	MMDadoda	1/15/2025 12:55:22 PM	Peak Integrated by Software
VSTDICC020	VN085440.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:19 AM	MMDadoda	1/15/2025 12:55:25 PM	Peak Integrated by Software
VSTDICC020	VN085440.D	trans-1,4-Dichloro-2-but ene	JOHN	1/15/2025 9:31:19 AM	MMDadoda	1/15/2025 12:55:25 PM	Peak Integrated by Software
VSTDICC020	VN085440.D	Vinyl Acetate	JOHN	1/15/2025 9:31:19 AM	MMDadoda	1/15/2025 12:55:25 PM	Peak Integrated by Software
VSTDICC010	VN085441.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:23 AM	MMDadoda	1/15/2025 12:55:29 PM	Peak Integrated by Software
VSTDICC005	VN085442.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:28 AM	MMDadoda	1/15/2025 12:55:34 PM	Peak Integrated by Software
VSTDICC005	VN085442.D	Ethyl Acetate	JOHN	1/15/2025 9:31:28 AM	MMDadoda	1/15/2025 12:55:34 PM	Peak Integrated by Software
VSTDICC005	VN085442.D	Vinyl Acetate	JOHN	1/15/2025 9:31:28 AM	MMDadoda	1/15/2025 12:55:34 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	1,1,2-Trichlorotrifluoroet hane	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	1,1-Dichloroethane	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	1,4-Dichlorobenzene	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN011425	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN085443.D	2-Butanone	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	Ethyl Acetate	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICC001	VN085443.D	Vinyl Acetate	JOHN	1/15/2025 9:31:32 AM	MMDadoda	1/15/2025 12:55:39 PM	Peak Integrated by Software
VSTDICV050	VN085445.D	1,2,3-Trichloropropane	JOHN	1/15/2025 9:31:37 AM	MMDadoda	1/15/2025 12:55:43 PM	Peak Integrated by Software
VSTDICV050	VN085445.D	trans-1,4-Dichloro-2-but ene	JOHN	1/15/2025 9:31:37 AM	MMDadoda	1/15/2025 12:55:43 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VN021025	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN085718.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:43:46 AM	MMDadoda	2/11/2025 2:05:44 PM	Peak Integrated by Software
VN0210WBS01	VN085721.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:43:50 AM	MMDadoda	2/11/2025 2:05:40 PM	Peak Integrated by Software
VN0210WBS01	VN085721.D	trans-1,4-Dichloro-2-but ene	JOHN	2/11/2025 9:43:50 AM	MMDadoda	2/11/2025 2:05:40 PM	Peak Integrated by Software
VN0210WBSD0 1	VN085733.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:44:14 AM	MMDadoda	2/11/2025 2:05:47 PM	Peak Integrated by Software
VN0210WBSD0 1	VN085733.D	Vinyl Acetate	JOHN	2/11/2025 9:44:14 AM	MMDadoda	2/11/2025 2:05:47 PM	Peak Integrated by Software
VSTDCCC050	VN085734.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:44:23 AM	MMDadoda	2/11/2025 2:05:49 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX021025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX044868.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC001	VX044868.D	1,4-Dichlorobenzene	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC001	VX044868.D	Dichlorodifluoromethane	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC001	VX044868.D	Ethyl Acetate	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC001	VX044868.D	Methacrylonitrile	JOHN	2/11/2025 9:40:53 AM	MMDadoda	2/11/2025 10:09:14 AM	Peak Integrated by Software
VSTDICC005	VX044869.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:40:57 AM	MMDadoda	2/11/2025 10:09:18 AM	Peak Integrated by Software
VSTDICC005	VX044869.D	Chloroethane	JOHN	2/11/2025 9:40:57 AM	MMDadoda	2/11/2025 10:09:18 AM	Peak Integrated by Software
VSTDICC020	VX044870.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:03 AM	MMDadoda	2/11/2025 10:09:33 AM	Peak Integrated by Software
VSTDICCC050	VX044871.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:07 AM	MMDadoda	2/11/2025 10:09:36 AM	Peak Integrated by Software
VSTDICC100	VX044872.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:11 AM	MMDadoda	2/11/2025 10:09:40 AM	Peak Integrated by Software
VSTDICC150	VX044873.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:16 AM	MMDadoda	2/11/2025 10:09:49 AM	Peak Integrated by Software
VSTDICV050	VX044875.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:20 AM	MMDadoda	2/11/2025 10:09:53 AM	Peak Integrated by Software
VSTDCCC050	VX044891.D	1,2,3-Trichloropropane	JOHN	2/11/2025 9:41:46 AM	MMDadoda	2/11/2025 10:10:13 AM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX021025	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	VX021125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044893.D	1,2,3-Trichloropropane	JOHN	2/12/2025 9:55:44 AM	MMDadoda	2/12/2025 1:02:56 PM	Peak Integrated by Software
VX0211WBS01	VX044896.D	1,2,3-Trichloropropane	JOHN	2/12/2025 9:55:49 AM	MMDadoda	2/12/2025 1:03:01 PM	Peak Integrated by Software
VSTDCCC050	VX044918.D	1,2,3-Trichloropropane	JOHN	2/12/2025 9:57:04 AM	MMDadoda	2/12/2025 1:03:31 PM	Peak Integrated by Software

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN011425

Review By	John Carlone	Review On	1/15/2025 9:31:51 AM				
Supervise By	Mahesh Dadoda	Supervise On	1/15/2025 12:55:51 PM				
SubDirectory	VN011425	HP Acquire Method	MSVOA_N		HP Processing Method	82N011425W.M	

STD. NAME	STD REF.#
Tune/Reschk	VP132529
Initial Calibration Stds	VP132530,VP132531,VP132532,VP132533,VP132534,VP132535
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP132544
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN085437.D	14 Jan 2025 14:22	JC\MD	Ok
2	VSTDICC100	VN085438.D	14 Jan 2025 14:56	JC\MD	Ok,M
3	VSTDICCC050	VN085439.D	14 Jan 2025 15:19	JC\MD	Ok,M
4	VSTDICC020	VN085440.D	14 Jan 2025 15:43	JC\MD	Ok,M
5	VSTDICC010	VN085441.D	14 Jan 2025 16:07	JC\MD	Ok,M
6	VSTDICC005	VN085442.D	14 Jan 2025 16:31	JC\MD	Ok,M
7	VSTDICC001	VN085443.D	14 Jan 2025 17:19	JC\MD	Ok,M
8	IBLK	VN085444.D	14 Jan 2025 17:42	JC\MD	Ok
9	VSTDICV050	VN085445.D	14 Jan 2025 18:06	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN021025

Review By	John Carlone	Review On	2/11/2025 10:13:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:55 PM		
SubDirectory	VN021025	HP Acquire Method		HP Processing Method	82N011425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132957
Initial Calibration Stds	
CCC	VP132958,VP132959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN085717.D	10 Feb 2025 09:49	JC\MD	Ok
2	VSTDCCC050	VN085718.D	10 Feb 2025 12:12	JC\MD	Ok,M
3	VN0210MBL01	VN085719.D	10 Feb 2025 12:48	JC\MD	Ok
4	VN0210WBL01	VN085720.D	10 Feb 2025 13:12	JC\MD	Ok
5	VN0210WBS01	VN085721.D	10 Feb 2025 14:12	JC\MD	Ok,M
6	VN0210MBS01	VN085722.D	10 Feb 2025 14:36	JC\MD	Ok,M
7	Q1293-01	VN085723.D	10 Feb 2025 15:00	JC\MD	Not Ok
8	Q1289-04ME	VN085724.D	10 Feb 2025 15:24	JC\MD	Not Ok
9	IBLK	VN085725.D	10 Feb 2025 15:48	JC\MD	Ok
10	VN0210MBSD01	VN085726.D	10 Feb 2025 16:12	JC\MD	Not Ok
11	Q1328-01	VN085727.D	10 Feb 2025 16:35	JC\MD	Ok
12	Q1328-02	VN085728.D	10 Feb 2025 16:59	JC\MD	Ok
13	Q1328-03	VN085729.D	10 Feb 2025 17:23	JC\MD	Ok
14	Q1328-04	VN085730.D	10 Feb 2025 17:47	JC\MD	Ok
15	Q1332-01	VN085731.D	10 Feb 2025 18:11	JC\MD	Dilution
16	Q1331-01	VN085732.D	10 Feb 2025 18:35	JC\MD	Ok
17	VN0210WBSD01	VN085733.D	10 Feb 2025 18:59	JC\MD	Ok,M
18	VSTDCCC050	VN085734.D	10 Feb 2025 19:23	JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021025

Review By	John Carlone	Review On	2/11/2025 9:43:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:25 PM		
SubDirectory	VX021025	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132955
Initial Calibration Stds	VP132960,VP132961,VP132962,VP132963,VP132964,VP132965
CCC	VP132956
Internal Standard/PEM	
ICV/I.BLK	VP132966
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044867.D	10 Feb 2025 09:35	JC/MD	Ok
2	VSTDICC001	VX044868.D	10 Feb 2025 10:25	JC/MD	Ok,M
3	VSTDICC005	VX044869.D	10 Feb 2025 10:48	JC/MD	Ok,M
4	VSTDICC020	VX044870.D	10 Feb 2025 11:11	JC/MD	Ok,M
5	VSTDICCC050	VX044871.D	10 Feb 2025 11:34	JC/MD	Ok,M
6	VSTDICC100	VX044872.D	10 Feb 2025 12:05	JC/MD	Ok,M
7	VSTDICC150	VX044873.D	10 Feb 2025 12:28	JC/MD	Ok,M
8	IBLK	VX044874.D	10 Feb 2025 12:51	JC/MD	Ok
9	VSTDICV050	VX044875.D	10 Feb 2025 13:15	JC/MD	Ok,M
10	VX0210MBL01	VX044876.D	10 Feb 2025 13:43	JC/MD	Ok
11	VX0210WBL01	VX044877.D	10 Feb 2025 14:06	JC/MD	Ok
12	VX0210WBS01	VX044878.D	10 Feb 2025 14:29	JC/MD	Ok,M
13	VX0210WBSD01	VX044879.D	10 Feb 2025 14:55	JC/MD	Ok,M
14	Q1250-02	VX044880.D	10 Feb 2025 15:18	JC/MD	Ok
15	Q1250-01	VX044881.D	10 Feb 2025 15:41	JC/MD	Ok
16	Q1250-03	VX044882.D	10 Feb 2025 16:04	JC/MD	Ok
17	Q1250-04	VX044883.D	10 Feb 2025 16:27	JC/MD	Ok
18	Q1250-05	VX044884.D	10 Feb 2025 16:51	JC/MD	Ok
19	Q1250-10	VX044885.D	10 Feb 2025 17:14	JC/MD	Ok
20	Q1250-11	VX044886.D	10 Feb 2025 17:37	JC/MD	Ok
21	Q1250-12	VX044887.D	10 Feb 2025 18:00	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021025

Review By	John Carlone	Review On	2/11/2025 9:43:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:25 PM		
SubDirectory	VX021025	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132955
Initial Calibration Stds	VP132960,VP132961,VP132962,VP132963,VP132964,VP132965
CCC	VP132956
Internal Standard/PEM	
ICV/I.BLK	VP132966
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1250-06	VX044888.D	10 Feb 2025 18:23	JC/MD	Ok
23	Q1250-07MS	VX044889.D	10 Feb 2025 18:46	JC/MD	Ok,M
24	Q1250-08MSD	VX044890.D	10 Feb 2025 19:09	JC/MD	Ok,M
25	VSTDCCC050	VX044891.D	10 Feb 2025 19:32	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021125

Review By	John Carlone	Review On	2/12/2025 10:54:24 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/12/2025 1:03:30 PM		
SubDirectory	VX021125	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132983
Initial Calibration Stds	
CCC	VP132984,VP132985
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044892.D	11 Feb 2025 08:50	JC/MD	Ok
2	VSTDCCC050	VX044893.D	11 Feb 2025 10:09	JC/MD	Ok,M
3	VX0211MBL01	VX044894.D	11 Feb 2025 10:37	JC/MD	Ok
4	VX0211WBL01	VX044895.D	11 Feb 2025 11:00	JC/MD	Ok
5	VX0211WBS01	VX044896.D	11 Feb 2025 11:23	JC/MD	Ok,M
6	VX0211WBSD01	VX044897.D	11 Feb 2025 11:48	JC/MD	Ok,M
7	Q1289-04ME	VX044898.D	11 Feb 2025 12:11	JC/MD	Not Ok
8	VX0211MBS01	VX044899.D	11 Feb 2025 12:34	JC/MD	Ok,M
9	Q1283-01	VX044900.D	11 Feb 2025 12:57	JC/MD	Ok
10	Q1283-02	VX044901.D	11 Feb 2025 13:20	JC/MD	Ok
11	Q1283-03	VX044902.D	11 Feb 2025 13:43	JC/MD	Ok
12	Q1283-04	VX044903.D	11 Feb 2025 14:06	JC/MD	Ok
13	Q1283-05	VX044904.D	11 Feb 2025 14:29	JC/MD	Ok
14	Q1332-01DL	VX044905.D	11 Feb 2025 14:52	JC/MD	Ok
15	Q1293-01	VX044906.D	11 Feb 2025 15:15	JC/MD	Ok,M
16	Q1348-01	VX044907.D	11 Feb 2025 15:38	JC/MD	Not Ok
17	Q1349-01	VX044908.D	11 Feb 2025 16:01	JC/MD	Not Ok
18	Q1327-01	VX044909.D	11 Feb 2025 16:24	JC/MD	Ok
19	Q1327-02	VX044910.D	11 Feb 2025 16:46	JC/MD	Ok
20	Q1327-03	VX044911.D	11 Feb 2025 17:09	JC/MD	Ok
21	Q1327-04	VX044912.D	11 Feb 2025 17:33	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021125

Review By	John Carlone	Review On	2/12/2025 10:54:24 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/12/2025 1:03:30 PM		
SubDirectory	VX021125	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132983
Initial Calibration Stds	
CCC	VP132984,VP132985
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1327-05	VX044913.D	11 Feb 2025 17:56	JC/MD	Ok
23	Q1327-06	VX044914.D	11 Feb 2025 18:19	JC/MD	Ok
24	Q1327-09	VX044915.D	11 Feb 2025 18:42	JC/MD	Ok
25	Q1327-08	VX044916.D	11 Feb 2025 19:05	JC/MD	Ok
26	Q1327-07	VX044917.D	11 Feb 2025 19:28	JC/MD	Ok
27	VSTDCCC050	VX044918.D	11 Feb 2025 19:50	JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN011425

Review By	John Carlone	Review On	1/15/2025 9:31:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	1/15/2025 12:55:51 PM		
SubDirectory	VN011425	HP Acquire Method	MSVOA_N	HP Processing Method	82N011425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132529
Initial Calibration Stds	VP132530,VP132531,VP132532,VP132533,VP132534,VP132535
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP132544
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN085437.D	14 Jan 2025 14:22		JC\MD	Ok
2	VSTDICC100	VSTDICC100	VN085438.D	14 Jan 2025 14:56		JC\MD	Ok,M
3	VSTDICCC050	VSTDICCC050	VN085439.D	14 Jan 2025 15:19	Comp.#56 is on Linear Regression	JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN085440.D	14 Jan 2025 15:43	Comp.#86 is on Quadratic Regression	JC\MD	Ok,M
5	VSTDICC010	VSTDICC010	VN085441.D	14 Jan 2025 16:07		JC\MD	Ok,M
6	VSTDICC005	VSTDICC005	VN085442.D	14 Jan 2025 16:31		JC\MD	Ok,M
7	VSTDICC001	VSTDICC001	VN085443.D	14 Jan 2025 17:19		JC\MD	Ok,M
8	IBLK	IBLK	VN085444.D	14 Jan 2025 17:42		JC\MD	Ok
9	VSTDICV050	ICVVN011425	VN085445.D	14 Jan 2025 18:06		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN021025

Review By	John Carlone	Review On	2/11/2025 10:13:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:55 PM		
SubDirectory	VN021025	HP Acquire Method		HP Processing Method	82N011425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132957
Initial Calibration Stds	
CCC	VP132958,VP132959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN085717.D	10 Feb 2025 09:49		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN085718.D	10 Feb 2025 12:12	CCAL failed high for comp. #68,69	JC\MD	Ok,M
3	VN0210MBL01	VN0210MBL01	VN085719.D	10 Feb 2025 12:48		JC\MD	Ok
4	VN0210WBL01	VN0210WBL01	VN085720.D	10 Feb 2025 13:12		JC\MD	Ok
5	VN0210WBS01	VN0210WBS01	VN085721.D	10 Feb 2025 14:12		JC\MD	Ok,M
6	VN0210MBS01	VN0210MBS01	VN085722.D	10 Feb 2025 14:36		JC\MD	Ok,M
7	Q1293-01	NWB-2123	VN085723.D	10 Feb 2025 15:00	CCAL failed high for comp. #68,69,BSD failed high for comp. #52,68,69; Need lower dilution	JC\MD	Not Ok
8	Q1289-04ME	FL-DRUMS-BME	VN085724.D	10 Feb 2025 15:24	not req	JC\MD	Not Ok
9	IBLK	IBLK	VN085725.D	10 Feb 2025 15:48		JC\MD	Ok
10	VN0210MBSD01	VN0210MBSD01	VN085726.D	10 Feb 2025 16:12	Recovery Fail	JC\MD	Not Ok
11	Q1328-01	Storage-Blank-SOIL-RE	VN085727.D	10 Feb 2025 16:35	vial A pH<2	JC\MD	Ok
12	Q1328-02	Storage-Blank-WATER-	VN085728.D	10 Feb 2025 16:59	vial A pH<2	JC\MD	Ok
13	Q1328-03	Storage-Blank-WATER-	VN085729.D	10 Feb 2025 17:23	vial A pH<2	JC\MD	Ok
14	Q1328-04	Storage-Blank-SAMLE-	VN085730.D	10 Feb 2025 17:47	vial A pH<2	JC\MD	Ok
15	Q1332-01	MW1	VN085731.D	10 Feb 2025 18:11	CCAL failed high for comp. #68,69,;Need 2X	JC\MD	Dilution
16	Q1331-01	MW1R	VN085732.D	10 Feb 2025 18:35	vial A pH<2	JC\MD	Ok

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

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN021025

Review By	John Carlone	Review On	2/11/2025 10:13:07 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:55 PM		
SubDirectory	VN021025	HP Acquire Method		HP Processing Method	82N011425W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132957
Initial Calibration Stds	
CCC	VP132958,VP132959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

17	VN0210WBSD01	VN0210WBSD01	VN085733.D	10 Feb 2025 18:59	BSD failed high for comp. #52,68,69	JC\MD	Ok,M
18	VSTDCCC050	VSTDCCC050EC	VN085734.D	10 Feb 2025 19:23		JC\MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021025

Review By	John Carlone	Review On	2/11/2025 9:43:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:25 PM		
SubDirectory	VX021025	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132955
Initial Calibration Stds	VP132960,VP132961,VP132962,VP132963,VP132964,VP132965
CCC	VP132956
Internal Standard/PEM	
ICV/I.BLK	VP132966
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044867.D	10 Feb 2025 09:35		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX044868.D	10 Feb 2025 10:25		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX044869.D	10 Feb 2025 10:48		JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX044870.D	10 Feb 2025 11:11		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX044871.D	10 Feb 2025 11:34		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX044872.D	10 Feb 2025 12:05		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX044873.D	10 Feb 2025 12:28		JC/MD	Ok,M
8	IBLK	IBLK	VX044874.D	10 Feb 2025 12:51		JC/MD	Ok
9	VSTDICV050	ICVVX021025	VX044875.D	10 Feb 2025 13:15		JC/MD	Ok,M
10	VX0210MBL01	VX0210MBL01	VX044876.D	10 Feb 2025 13:43		JC/MD	Ok
11	VX0210WBL01	VX0210WBL01	VX044877.D	10 Feb 2025 14:06		JC/MD	Ok
12	VX0210WBS01	VX0210WBS01	VX044878.D	10 Feb 2025 14:29		JC/MD	Ok,M
13	VX0210WBSD01	VX0210WBSD01	VX044879.D	10 Feb 2025 14:55		JC/MD	Ok,M
14	Q1250-02	BP-VPB-192-GW-420-4	VX044880.D	10 Feb 2025 15:18	vial B pH<2	JC/MD	Ok
15	Q1250-01	BP-VPB-192-TB-20250	VX044881.D	10 Feb 2025 15:41	vial B pH<2 TB	JC/MD	Ok
16	Q1250-03	BP-VPB-192-GW-300-3	VX044882.D	10 Feb 2025 16:04	vial B pH<2	JC/MD	Ok
17	Q1250-04	BP-VPB-192-GW-320-3	VX044883.D	10 Feb 2025 16:27	vial B pH<2	JC/MD	Ok
18	Q1250-05	BP-VPB-192-GW-340-3	VX044884.D	10 Feb 2025 16:51	vial B pH<2	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021025

Review By	John Carlone	Review On	2/11/2025 9:43:42 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/11/2025 2:05:25 PM		
SubDirectory	VX021025	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132955
Initial Calibration Stds	VP132960,VP132961,VP132962,VP132963,VP132964,VP132965
CCC	VP132956
Internal Standard/PEM	
ICV/I.BLK	VP132966
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1250-10	BP-VPB-192-GW-380-3	VX044885.D	10 Feb 2025 17:14	vial B pH<2	JC/MD	Ok
20	Q1250-11	BP-VPB-192-GW-400-4	VX044886.D	10 Feb 2025 17:37	vial B pH<2	JC/MD	Ok
21	Q1250-12	BP-VPB-192-GW-440-4	VX044887.D	10 Feb 2025 18:00	vial B pH<2	JC/MD	Ok
22	Q1250-06	BP-VPB-192-GW-360-3	VX044888.D	10 Feb 2025 18:23	vial B pH<2	JC/MD	Ok
23	Q1250-07MS	BP-VPB-192-GW-360-3	VX044889.D	10 Feb 2025 18:46	vial B pH<2	JC/MD	Ok,M
24	Q1250-08MSD	BP-VPB-192-GW-360-3	VX044890.D	10 Feb 2025 19:09	vial B pH<2	JC/MD	Ok,M
25	VSTDCCC050	VSTDCCC050EC	VX044891.D	10 Feb 2025 19:32		JC/MD	Ok,M

M : Manual Integration

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021125

Review By	John Carlone	Review On	2/12/2025 10:54:24 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/12/2025 1:03:30 PM		
SubDirectory	VX021125	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132983
Initial Calibration Stds	
CCC	VP132984,VP132985
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX044892.D	11 Feb 2025 08:50		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044893.D	11 Feb 2025 10:09	V13516	JC/MD	Ok,M
3	VX0211MBL01	VX0211MBL01	VX044894.D	11 Feb 2025 10:37		JC/MD	Ok
4	VX0211WBL01	VX0211WBL01	VX044895.D	11 Feb 2025 11:00		JC/MD	Ok
5	VX0211WBS01	VX0211WBS01	VX044896.D	11 Feb 2025 11:23		JC/MD	Ok,M
6	VX0211WBSD01	VX0211WBSD01	VX044897.D	11 Feb 2025 11:48		JC/MD	Ok,M
7	Q1289-04ME	FL-DRUMS-BME	VX044898.D	11 Feb 2025 12:11	Over diluted	JC/MD	Not Ok
8	VX0211MBS01	VX0211MBS01	VX044899.D	11 Feb 2025 12:34		JC/MD	Ok,M
9	Q1283-01	VPB-192-HYD-2025013	VX044900.D	11 Feb 2025 12:57	vial A pH<2	JC/MD	Ok
10	Q1283-02	BP-VPB-192-TB-20250	VX044901.D	11 Feb 2025 13:20	vial A pH<2 TB	JC/MD	Ok
11	Q1283-03	BP-VPB-192-EB-20250	VX044902.D	11 Feb 2025 13:43	vial A pH<2 EB	JC/MD	Ok
12	Q1283-04	BP-VPB-192-GW-480-4	VX044903.D	11 Feb 2025 14:06	vial A pH<2	JC/MD	Ok
13	Q1283-05	BP-VPB-192-GW-500-5	VX044904.D	11 Feb 2025 14:29	vial A pH<2	JC/MD	Ok
14	Q1332-01DL	MW1DL	VX044905.D	11 Feb 2025 14:52	vial B pH<2	JC/MD	Ok
15	Q1293-01	NWB-2123	VX044906.D	11 Feb 2025 15:15	vial A pH<2	JC/MD	Ok,M
16	Q1348-01	TWP-1-WC	VX044907.D	11 Feb 2025 15:38	Need Straight Run	JC/MD	Not Ok
17	Q1349-01	TWP-1-PERMIT	VX044908.D	11 Feb 2025 16:01	Need Straight Run	JC/MD	Not Ok
18	Q1327-01	VPB192-HYD-2025020	VX044909.D	11 Feb 2025 16:24	vial A pH<2	JC/MD	Ok

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021125

Review By	John Carlone	Review On	2/12/2025 10:54:24 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/12/2025 1:03:30 PM		
SubDirectory	VX021125	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP132983
Initial Calibration Stds	
CCC	VP132984,VP132985
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1327-02	BP-VPB-192-TB-20250	VX044910.D	11 Feb 2025 16:46	vial A pH<2 TB	JC/MD	Ok
20	Q1327-03	BP-VPB-192-DUP-2025	VX044911.D	11 Feb 2025 17:09	vial A pH<2	JC/MD	Ok
21	Q1327-04	BP-VPB-192-GW-520-5	VX044912.D	11 Feb 2025 17:33	vial A pH<2	JC/MD	Ok
22	Q1327-05	BP-VPB-192-GW-540-5	VX044913.D	11 Feb 2025 17:56	vial A pH<2	JC/MD	Ok
23	Q1327-06	BP-VPB-192-GW-560-5	VX044914.D	11 Feb 2025 18:19	vial A pH<2	JC/MD	Ok
24	Q1327-09	BP-VPB-192-GW-625-6	VX044915.D	11 Feb 2025 18:42	vial A pH<2	JC/MD	Ok
25	Q1327-08	BP-VPB-192-GW-600-6	VX044916.D	11 Feb 2025 19:05	vial A+B pH<2	JC/MD	Ok
26	Q1327-07	BP-VPB-192-GW-580-5	VX044917.D	11 Feb 2025 19:28	vial A+B+C+D pH<2	JC/MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VX044918.D	11 Feb 2025 19:50		JC/MD	Ok,M

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q1332	**OrderDate:**	2/7/2025 10:39:00 AM
Client:	G Environmental	**Project:**	Washington
Contact:	Gary Landis	**Location:**	N41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1332-01	**MW1**	**Water**			**02/06/25**			**02/07/25**
			VOC-TCLVOA-10	8260-Low			02/10/25	
Q1332-01DL	**MW1DL**	**Water**			**02/06/25**			**02/07/25**
			VOC-TCLVOA-10	8260-Low			02/11/25	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO.
QUOTE NO. Q1332
COC Number 2046125

6
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: GECP INC
ADDRESS: 8 CARRIAGE
CITY SUCCASUNNA STATE: NJ ZIP 07876
ATTENTION: GL
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Washington
PROJECT NO.: ~ LOCATION: ORANGE NJ
PROJECT MANAGER: GL
e-mail: gary@gzenvironmental.com
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC PO#:
ADDRESS: 8 CARRIAGE LANE
CITY SUCCASUNNA STATE: NJ ZIP 07876
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) ☒ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other
☒ EDD FORMAT hasiR, excel

ANALYSIS

TCL VOCs

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1.	MW1	GW		x	2/	1355	2	X								
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	2-7-25 8:35	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: Tk Cart #1

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 : Q1332 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 2/7/2025 10:39:00 AM
Project Name : Washington
Receive DateTime : 2/7/2025 ~~8:25:00~~ 8:35 AM
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
Q1332-01	MW1	Water	02/06/2025	13:25					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinguished By : CR
Date / Time : 2-7-25 11:00

Received By : Sam
Date / Time : 2/7/25 11:00
Storage Area : VOA Refridgerator Room