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

DATA PACKAGE

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS

PROJECT NAME : AMSTERDAM

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1355

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1355

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH

Client : G Environmental

Project Location :

Project Number : - Amsterdam

Laboratory Sample ID(s) : Q1355

Sampling Date(s) : 2/11/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **,6010D,7470A,8260-Low,9056A,SOP**

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

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

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Cover Page

Order ID : Q1355

Project ID : Amsterdam

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1355-01	RW1
Q1355-02	MW2

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

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:16 pm, Feb 25, 2025

Date: 2/25/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: Amsterdam
Project # N/A
Chemtech Project # Q1355
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
2 Water samples were received on 02/11/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Anions Group1, Mercury, Metals ICP-TAL, METALS-TAL, Sulfate and VOCMS Group1. This data package contains results for VOCMS Group1.

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

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 20% in the Initial Calibration method (82X021025W.M) for Chloroethane is passing on Quadratic Regression.

The Continuous Calibration File ID VX044920.D met the requirements except for Chloroethane, The associate samples have no positive hit for these compounds; therefore no corrective action was required.

The Tuning criteria met requirements.

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.

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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_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:17 pm, Feb 25, 2025

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CASE NARRATIVE

G Environmental
Project Name: Amsterdam
Project # N/A
Chemtech Project # Q1355
Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:
2 Water samples were received on 02/11/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Anions Group1, Mercury, Metals ICP-TAL, METALS-TAL, Sulfate and VOCMS Group1. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate (TWP-1-WCDUP) analysis met criteria for all samples except for Aluminum.
The Matrix Spike (TWP-1-WCMS) analysis met criteria for all samples except for Aluminum, Iron.
The Matrix Spike Duplicate (TWP-1-WCMSD) analysis met criteria for all samples except for Iron.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (TWP-1-WCL) met criteria for all samples except for Aluminum, Chromium.

E. Additional Comments:

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

Signature_____ APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:17 pm, Feb 25, 2025

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CASE NARRATIVE

G Environmental
Project Name: Amsterdam
Project # N/A
Chemtech Project # Q1355
Test Name: Anions Group1

A. Number of Samples and Date of Receipt:
2 Water samples were received on 02/11/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Anions Group1, Mercury, Metals ICP-TAL, METALS-TAL, Sulfate and VOCMS Group1. This data package contains results for Anions Group1.

C. Analytical Techniques:
The analysis of Anions Group1 was based on method 9056A.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
Sample RW1 was diluted due to high concentrations for Sulfate.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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

Signature_____

APPROVED
By Nimisha Pandya, QA/QC Supervisor at 2:17 pm, Feb 25, 2025

DATA REPORTING QUALIFIERS- INORGANIC

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

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1355

	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:** 02/25/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1355

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**RW1**								
Q1355-01	RW1	Water	Acetone		5.50		1.40	5.00	ug/L
Q1355-01	RW1	Water	Chlorobenzene		1.70		0.13	1.00	ug/L
			Total Voc :		7.20				
Q1355-01	RW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	6.80	J	0	0	ug/L
Q1355-01	RW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	6.00	J	0	0	ug/L
Q1355-01	RW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	11.0	J	0	0	ug/L
Q1355-01	RW1	Water	Benzene, 1-ethyl-4-(1-methylet	*	6.00	J	0	0	ug/L
Q1355-01	RW1	Water	Benzene, (3-methyl-2-butenyl)-	*	6.20	J	0	0	ug/L
Q1355-01	RW1	Water	Benzene, 1-(1-methylethenyl)-2	*	5.40	J	0	0	ug/L
Q1355-01	RW1	Water	Benzene, 1,3,5-trimethyl-2-(1-r	*	5.50	J	0	0	ug/L
Q1355-01	RW1	Water	1H-Indene, 2,3-dihydro-1,2-din	*	7.60	J	0	0	ug/L
Q1355-01	RW1	Water	Naphthalene, 1,2,3,4-tetrahydrc	*	8.70	J	0	0	ug/L
Q1355-01	RW1	Water	tert-Butylbenzene	*	0.62	J	0.17	1.00	ug/L
Q1355-01	RW1	Water	sec-Butylbenzene	*	0.56	J	0.17	1.00	ug/L
Q1355-01	RW1	Water	n-Butylbenzene	*	0.25	J	0.22	1.00	ug/L
Q1355-01	RW1	Water	Naphthalene	*	47.4	J	0.59	1.00	ug/L
			Total Tics :		112				
			Total Concentration:		119				
Client ID:	**MW2**								
Q1355-02	MW2	Water	Acetone		3.70	J	1.40	5.00	ug/L
Q1355-02	MW2	Water	cis-1,2-Dichloroethene		1.60		0.25	1.00	ug/L
			Total Voc :		5.30				
			Total Concentration:		5.30				

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	RW1	SDG No.:	Q1355
Lab Sample ID:	Q1355-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044937.D	1		02/12/25 16:44	VX021225

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
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	5.50		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

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Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	RW1	SDG No.:	Q1355
Lab Sample ID:	Q1355-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044937.D	1		02/12/25 16:44	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
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	1.70		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	55.7		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	50.4		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.1		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	83300	5.544			
540-36-3	1,4-Difluorobenzene	170000	6.757			
3114-55-4	Chlorobenzene-d5	156000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	67600	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	RW1	SDG No.:	Q1355
Lab Sample ID:	Q1355-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044937.D	1		02/12/25 16:44	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
98-06-6	tert-Butylbenzene	0.62	J		11.7	ug/L
135-98-8	sec-Butylbenzene	0.56	J		11.9	ug/L
104-51-8	n-Butylbenzene	0.25	J		12.3	ug/L
004218-48-8	Benzene, 1-ethyl-4-(1-methylethyl)	6.00	J		13.6	ug/L
91-20-3	Naphthalene	47.4	J		13.8	ug/L
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	6.00	J		13.9	ug/L
004489-84-3	Benzene, (3-methyl-2-butenyl)-	6.20	J		13.9	ug/L
017057-82-8	1H-Indene, 2,3-dihydro-1,2-dimethy	7.60	J		14.2	ug/L
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	5.50	J		14.4	ug/L
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	6.80	J		14.5	ug/L
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	11.0	J		14.6	ug/L
005557-93-7	Benzene, 1-(1-methylethenyl)-2-(1-	5.40	J		14.7	ug/L
020027-77-4	Naphthalene, 1,2,3,4-tetrahydro-5,6-dim	8.70	J		15.2	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
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Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	MW2	SDG No.:	Q1355
Lab Sample ID:	Q1355-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044938.D	1		02/12/25 17:07	VX021225

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
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	3.70	J	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	1.60		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

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Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	MW2	SDG No.:	Q1355
Lab Sample ID:	Q1355-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044938.D	1		02/12/25 17:07	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
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	55.6		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	85700	5.544			
540-36-3	1,4-Difluorobenzene	173000	6.757			
3114-55-4	Chlorobenzene-d5	156000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	62200	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	MW2	SDG No.:	Q1355
Lab Sample ID:	Q1355-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044938.D	1		02/12/25 17:07	VX021225

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,
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Surrogate Summary

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1355-01	RW1	1,2-Dichloroethane-d4	50	55.7	111	70 (74)	130 (125)
		Dibromofluoromethane	50	50.4	101	70 (75)	130 (124)
		Toluene-d8	50	50.1	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.3	109	70 (77)	130 (121)
Q1355-02	MW2	1,2-Dichloroethane-d4	50	55.6	111	70 (74)	130 (125)
		Dibromofluoromethane	50	51.8	104	70 (75)	130 (124)
		Toluene-d8	50	50.7	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.7	99	70 (77)	130 (121)
VX0212WBL01	VX0212WBL01	1,2-Dichloroethane-d4	50	54.1	108	70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102	70 (75)	130 (124)
		Toluene-d8	50	50.0	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.0	102	70 (77)	130 (121)
VX0212WBS01	VX0212WBS01	1,2-Dichloroethane-d4	50	50.2	100	70 (74)	130 (125)
		Dibromofluoromethane	50	49.4	99	70 (75)	130 (124)
		Toluene-d8	50	49.2	98	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.6	101	70 (77)	130 (121)
VX0212WBSD0	VX0212WBSD01	1,2-Dichloroethane-d4	50	50.4	101	70 (74)	130 (125)
		Dibromofluoromethane	50	49.5	99	70 (75)	130 (124)
		Toluene-d8	50	49.4	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.8	102	70 (77)	130 (121)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044923.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0212WBS01	Dichlorodifluoromethane	20	19.1	ug/L	96			40 (69)	160 (116)	
	Chloromethane	20	18.4	ug/L	92			40 (65)	160 (116)	
	Vinyl chloride	20	17.7	ug/L	89			70 (65)	130 (117)	
	Bromomethane	20	20.2	ug/L	101			40 (58)	160 (125)	
	Chloroethane	20	21.8	ug/L	109			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.9	ug/L	95			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	18.9	ug/L	95			70 (80)	130 (112)	
	Tert butyl alcohol	100	92.4	ug/L	92			70 (73)	130 (124)	
	1,1-Dichloroethene	20	18.3	ug/L	92			70 (74)	130 (110)	
	Acetone	100	95.2	ug/L	95			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	18.6	ug/L	93			70 (78)	130 (114)	
	Methyl Acetate	20	19.8	ug/L	99			70 (67)	130 (125)	
	Methylene Chloride	20	18.4	ug/L	92			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.2	ug/L	91			70 (75)	130 (108)	
	1,1-Dichloroethane	20	18.6	ug/L	93			70 (78)	130 (112)	
	Cyclohexane	20	18.1	ug/L	91			70 (75)	130 (110)	
	2-Butanone	100	97.1	ug/L	97			40 (65)	160 (122)	
	Carbon Tetrachloride	20	18.4	ug/L	92			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			70 (77)	130 (110)	
	Bromochloromethane	20	18.0	ug/L	90			70 (70)	130 (124)	
	Chloroform	20	19.1	ug/L	96			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			70 (80)	130 (108)	
	Methylcyclohexane	20	18.8	ug/L	94			70 (72)	130 (115)	
	Benzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.8	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	18.2	ug/L	91			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.5	ug/L	93			70 (83)	130 (111)	
	Bromodichloromethane	20	19.1	ug/L	96			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.1	ug/L	96			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.0	ug/L	90			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	18.1	ug/L	91			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.2	ug/L	96			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	18.8	ug/L	94			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.1	ug/L	96			70 (81)	130 (110)	
	Tetrachloroethene	20	18.9	ug/L	95			70 (67)	130 (123)	
	Chlorobenzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	Ethyl Benzene	20	18.9	ug/L	95			70 (83)	130 (109)	
	m/p-Xylenes	40	38.3	ug/L	96			70 (82)	130 (110)	
	o-Xylene	20	18.9	ug/L	95			70 (83)	130 (109)	
	Styrene	20	19.3	ug/L	97			70 (80)	130 (111)	
	Bromoform	20	18.9	ug/L	95			70 (79)	130 (109)	
	Isopropylbenzene	20	18.3	ug/L	92			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	18.6	ug/L	93			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.6	ug/L	93			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.6	ug/L	93			70 (82)	130 (107)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044923.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0212WBS01	1,2-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	17.7	ug/L	89			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.9	ug/L	90			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94			70 (76)	130 (114)	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044924.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0212WBSD01	Dichlorodifluoromethane	20	18.5	ug/L	93	3		40 (69)	160 (116)	20 (20)
	Chloromethane	20	17.6	ug/L	88	4		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	16.9	ug/L	85	5		70 (65)	130 (117)	20 (20)
	Bromomethane	20	19.4	ug/L	97	4		40 (58)	160 (125)	20 (20)
	Chloroethane	20	22.0	ug/L	110	1		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.6	ug/L	93	2		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	18.6	ug/L	93	2		70 (80)	130 (112)	20 (20)
	Tert butyl alcohol	100	97.7	ug/L	98	6		70 (73)	130 (124)	20 (20)
	1,1-Dichloroethene	20	17.5	ug/L	88	4		70 (74)	130 (110)	20 (20)
	Acetone	100	98.2	ug/L	98	3		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	16.6	ug/L	83	2		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	18.7	ug/L	94	1		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	19.9	ug/L	100	1		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	18.4	ug/L	92	0		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.0	ug/L	90	1		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	18.7	ug/L	94	1		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	17.8	ug/L	89	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	99.3	ug/L	99	2		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	18.7	ug/L	94	2		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	18.5	ug/L	93	2		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	18.0	ug/L	90	0		70 (70)	130 (124)	20 (20)
	Chloroform	20	18.6	ug/L	93	3		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.2	ug/L	91	3		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	19.4	ug/L	97	3		70 (72)	130 (115)	20 (20)
	Benzene	20	18.9	ug/L	95	0		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	20.0	ug/L	100	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.7	ug/L	94	3		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	19.6	ug/L	98	5		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	19.3	ug/L	97	1		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		40 (74)	160 (118)	20 (20)
	Toluene	20	19.4	ug/L	97	1		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	17.8	ug/L	89	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.3	ug/L	97	6		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	20.3	ug/L	102	6		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	19.0	ug/L	95	1		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	19.6	ug/L	98	2		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.0	ug/L	95	0		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	19.0	ug/L	95	0		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.0	ug/L	95	0		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	38.9	ug/L	97	1		70 (82)	130 (110)	20 (20)
	o-Xylene	20	19.5	ug/L	98	3		70 (83)	130 (109)	20 (20)
	Styrene	20	19.7	ug/L	99	2		70 (80)	130 (111)	20 (20)
	Bromoform	20	19.4	ug/L	97	2		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	18.7	ug/L	94	2		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.3	ug/L	97	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.5	ug/L	93	0		70 (82)	130 (107)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1355

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX044924.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0212WBSD01	1,2-Dichlorobenzene	20	19.1	ug/L	96	1		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	18.7	ug/L	94	5		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89	1		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	18.5	ug/L	93	1		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0212WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

Lab File ID: VX044922.D Lab Sample ID: VX0212WBL01

Date Analyzed: 02/12/2025 Time Analyzed: 10:57

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
VX0212WBS01	VX0212WBS01	VX044923.D	02/12/2025
VX0212WBSD01	VX0212WBSD01	VX044924.D	02/12/2025
RW1	Q1355-01	VX044937.D	02/12/2025
MW2	Q1355-02	VX044938.D	02/12/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

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

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

Lab File ID: VX044919.D BFB Injection Date: 02/12/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:39

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	20.4
75	30.0 - 60.0% of mass 95	52.7
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	0.7 (0.9) 1
174	50.0 - 100.0% of mass 95	77.1
175	5.0 - 9.0% of mass 174	5.6 (7.2) 1
176	95.0 - 101.0% of mass 174	74.9 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (6.5) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX044920.D	02/12/2025	10:07
VX0212WBL01	VX0212WBL01	VX044922.D	02/12/2025	10:57
VX0212WBS01	VX0212WBS01	VX044923.D	02/12/2025	11:20
VX0212WBSD01	VX0212WBSD01	VX044924.D	02/12/2025	11:46
RW1	Q1355-01	VX044937.D	02/12/2025	16:44
MW2	Q1355-02	VX044938.D	02/12/2025	17:07

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

Lab File ID: VX044920.D Date Analyzed: 02/12/2025

Instrument ID: MSVOA_X Time Analyzed: 10:07

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	120105	5.54	211946	6.75	185163	10.05
UPPER LIMIT	240210	6.044	423892	7.251	370326	10.549
LOWER LIMIT	60052.5	5.044	105973	6.251	92581.5	9.549
EPA SAMPLE NO.						
RW1	83265	5.54	169774	6.76	156232	10.05
MW2	85678	5.54	173415	6.76	155759	10.05
VX0212WBL01	96997	5.54	194457	6.76	176635	10.05
VX0212WBS01	111261	5.54	204350	6.76	179478	10.05
VX0212WBSD01	109124	5.54	195530	6.75	172961	10.05

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

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG NO.: Q1355

Lab File ID: VX044920.D Date Analyzed: 02/12/2025

Instrument ID: MSVOA_X Time Analyzed: 10:07

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

	IS4 AREA #	RT #				
12 HOUR STD	84033	12.018				
UPPER LIMIT	168066	12.518				
LOWER LIMIT	42016.5	11.518				
EPA SAMPLE NO.						
RW1	67649	12.02				
MW2	62222	12.02				
VX0212WBL01	76229	12.02				
VX0212WBS01	82301	12.02				
VX0212WBSD01	79611	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBL01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044922.D	1		02/12/25 10:57	VX021225

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
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBL01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044922.D	1		02/12/25 10:57	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
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	54.1		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	97000	5.544			
540-36-3	1,4-Difluorobenzene	194000	6.757			
3114-55-4	Chlorobenzene-d5	177000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	76200	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBL01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044922.D	1		02/12/25 10:57	VX021225

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBS01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044923.D	1		02/12/25 11:20	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.21	1.00	ug/L
74-87-3	Chloromethane	18.4		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.7		0.34	1.00	ug/L
74-83-9	Bromomethane	20.2		1.40	5.00	ug/L
75-00-3	Chloroethane	21.8		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.9		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.9		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	92.4		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.3		0.26	1.00	ug/L
67-64-1	Acetone	95.2		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.8		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.2		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.1		1.60	5.00	ug/L
78-93-3	2-Butanone	97.1		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.25	1.00	ug/L
74-97-5	Bromochloromethane	18.0		0.18	1.00	ug/L
67-66-3	Chloroform	19.1		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	18.8		0.19	1.00	ug/L
71-43-2	Benzene	18.9		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.2		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.5		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.1		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.75	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBS01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044923.D	1		02/12/25 11:20	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.1		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.0		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.2		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	18.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.1		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	18.9		0.25	1.00	ug/L
108-90-7	Chlorobenzene	18.9		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	18.9		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	38.3		0.31	2.00	ug/L
95-47-6	o-Xylene	18.9		0.14	1.00	ug/L
100-42-5	Styrene	19.3		0.16	1.00	ug/L
75-25-2	Bromoform	18.9		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.3		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.6		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.6		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.6		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.7		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.9		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	49.2		70 (86) - 130 (113)	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	111000	5.543			
540-36-3	1,4-Difluorobenzene	204000	6.757			
3114-55-4	Chlorobenzene-d5	179000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	82300	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBS01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044923.D	1		02/12/25 11:20	VX021225

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBSD01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044924.D	1		02/12/25 11:46	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.5		0.21	1.00	ug/L
74-87-3	Chloromethane	17.6		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	16.9		0.34	1.00	ug/L
74-83-9	Bromomethane	19.4		1.40	5.00	ug/L
75-00-3	Chloroethane	22.0		0.56	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.6		0.34	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.6		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	97.7		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	17.5		0.26	1.00	ug/L
67-64-1	Acetone	98.2		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.6		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.9		0.60	1.00	ug/L
75-09-2	Methylene Chloride	18.4		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.0		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	18.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.8		1.60	5.00	ug/L
78-93-3	2-Butanone	99.3		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.5		0.25	1.00	ug/L
74-97-5	Bromochloromethane	18.0		0.18	1.00	ug/L
67-66-3	Chloroform	18.6		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.2		0.19	1.00	ug/L
108-87-2	Methylcyclohexane	19.4		0.19	1.00	ug/L
71-43-2	Benzene	18.9		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.0		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.7		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.3		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBSD01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044924.D	1		02/12/25 11:46	VX021225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.4		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	17.8		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.6		0.16	1.00	ug/L
127-18-4	Tetrachloroethene	19.0		0.25	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.0		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	19.5		0.14	1.00	ug/L
100-42-5	Styrene	19.7		0.16	1.00	ug/L
75-25-2	Bromoform	19.4		0.21	1.00	ug/L
98-82-8	Isopropylbenzene	18.7		0.13	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.27	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.3		0.24	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.5		0.27	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.1		0.19	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.7		0.46	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.42	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.5		0.51	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	49.5		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	49.4		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		70 (77) - 130 (121)	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	109000	5.544			
540-36-3	1,4-Difluorobenzene	196000	6.751			
3114-55-4	Chlorobenzene-d5	173000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	79600	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0212WBSD01	SDG No.:	Q1355
Lab Sample ID:	VX0212WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044924.D	1		02/12/25 11:46	VX021225

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

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

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG No.: Q1355

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
Tert butyl alcohol		0.148	0.138	0.136	0.128	0.129	0.136	5.9
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

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

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG No.: Q1355

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
Toluene	0.776	0.872	0.957	0.898	0.866	0.864	0.872	6.7
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.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG No.: Q1355

Instrument ID: MSVOA_X Calibration Date/Time: 02/12/2025 10:07

Lab File ID: VX044920.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	0.718		2.42	20
Chloromethane	0.854	0.820	0.1	-3.98	20
Vinyl Chloride	0.827	0.797		-3.63	20
Bromomethane	0.247	0.256		3.64	20
Chloroethane	0.307	0.389		26.71	20
Trichlorofluoromethane	1.046	1.056		0.96	20
1,1,2-Trichlorotrifluoroethane	0.632	0.642		1.58	20
Tert butyl alcohol	0.136	0.120		-11.77	20
1,1-Dichloroethene	0.644	0.613		-4.81	20
Acetone	0.294	0.293		-0.34	20
Carbon Disulfide	1.767	1.633		-7.58	20
Methyl tert-butyl Ether	2.050	1.992		-2.83	20
Methyl Acetate	0.928	0.895		-3.56	20
Methylene Chloride	0.721	0.687		-4.72	20
trans-1,2-Dichloroethene	0.634	0.601		-5.2	20
1,1-Dichloroethane	1.233	1.202	0.1	-2.51	20
Cyclohexane	1.137	1.079		-5.1	20
2-Butanone	0.478	0.466		-2.51	20
Carbon Tetrachloride	0.460	0.463		0.65	20
cis-1,2-Dichloroethene	0.762	0.733		-3.81	20
Bromochloromethane	0.593	0.601		1.35	20
Chloroform	1.196	1.159		-3.09	20
1,1,1-Trichloroethane	1.014	0.988		-2.56	20
Methylcyclohexane	0.606	0.636		4.95	20
Benzene	1.465	1.458		-0.48	20
1,2-Dichloroethane	0.467	0.483		3.43	20
Trichloroethene	0.335	0.330		-1.49	20
1,2-Dichloropropane	0.364	0.366		0.55	20
Bromodichloromethane	0.489	0.505		3.27	20
4-Methyl-2-Pentanone	0.512	0.531		3.71	20
Toluene	0.872	0.887		1.72	20
t-1,3-Dichloropropene	0.495	0.514		3.84	20
cis-1,3-Dichloropropene	0.552	0.566		2.54	20
1,1,2-Trichloroethane	0.335	0.334		-0.3	20
2-Hexanone	0.369	0.382		3.52	20
Dibromochloromethane	0.359	0.367		2.23	20
1,2-Dibromoethane	0.340	0.343		0.88	20
Tetrachloroethene	0.315	0.319		1.27	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1355 SAS No.: Q1355 SDG No.: Q1355

Instrument ID: MSVOA_X Calibration Date/Time: 02/12/2025 10:07

Lab File ID: VX044920.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
Chlorobenzene	1.074	1.085	0.3	1.02	20
Ethyl Benzene	1.895	1.934		2.06	20
m/p-Xylenes	0.699	0.715		2.29	20
o-Xylene	0.701	0.711		1.43	20
Styrene	1.130	1.191		5.4	20
Bromoform	0.258	0.269	0.1	4.26	20
Isopropylbenzene	4.026	4.000		-0.65	20
1,1,2,2-Tetrachloroethane	1.383	1.289	0.3	-6.8	20
1,3-Dichlorobenzene	1.678	1.658		-1.19	20
1,4-Dichlorobenzene	1.697	1.647		-2.95	20
1,2-Dichlorobenzene	1.650	1.611		-2.36	20
1,2-Dibromo-3-Chloropropane	0.252	0.242		-3.97	20
1,2,4-Trichlorobenzene	0.998	1.015		1.7	20
1,2,3-Trichlorobenzene	1.006	1.022		1.59	20
1,2-Dichloroethane-d4	0.732	0.766		4.64	20
Dibromofluoromethane	0.325	0.353		8.61	20
Toluene-d8	1.229	1.313		6.84	20
4-Bromofluorobenzene	0.414	0.448		8.21	20

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

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 13 00:51:41 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 :
RW1

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	83265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169774	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	156232	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	67943	55.744	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.480%			
35) Dibromofluoromethane	5.379	113	55596	50.367	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	8.647	98	209257	50.134	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.260%			
62) 4-Bromofluorobenzene	11.079	95	76420	54.309	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.620%			
Target Compounds						Qvalue
16) Acetone	2.380	43	2678	5.465	ug/l	91
65) Chlorobenzene	10.073	112	5587	1.665	ug/l	95
83) tert-Butylbenzene	11.713	119	2786	0.623	ug/l	93
85) sec-Butylbenzene	11.890	105	3127	0.565	ug/l	94
89) n-Butylbenzene	12.335	91	999m	0.254	ug/l	
95) Naphthalene	13.774	128	231414	47.401	ug/l	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 13 00:51:41 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 :
RW1

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
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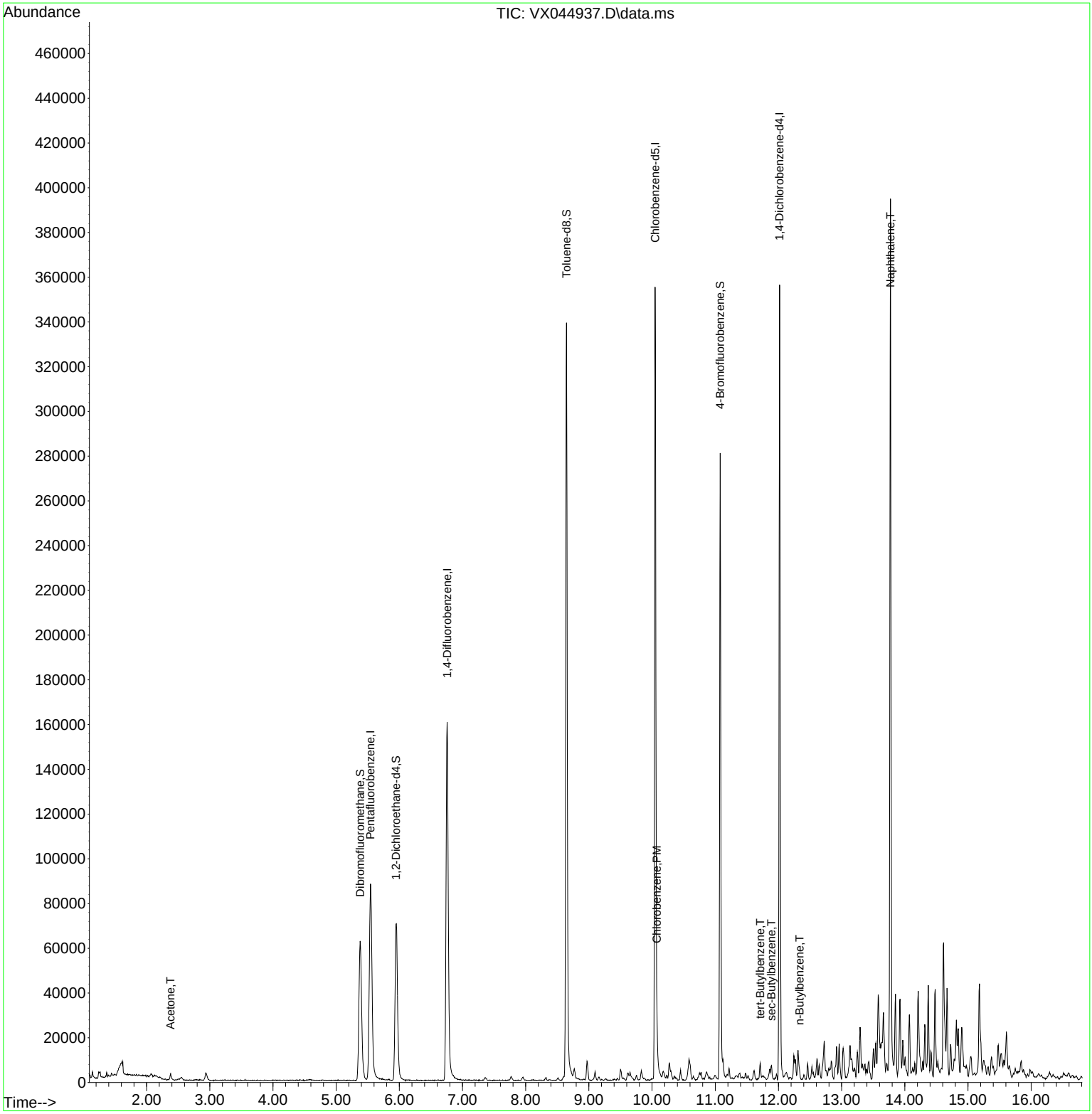
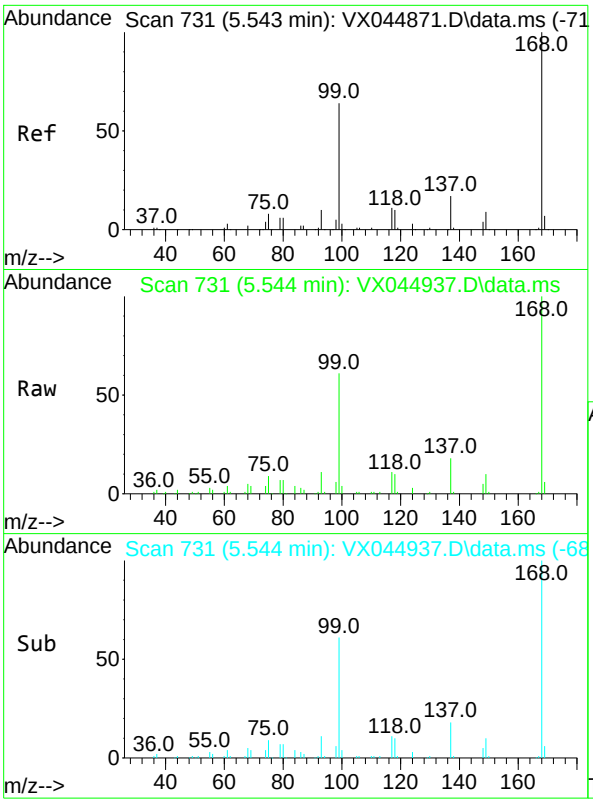
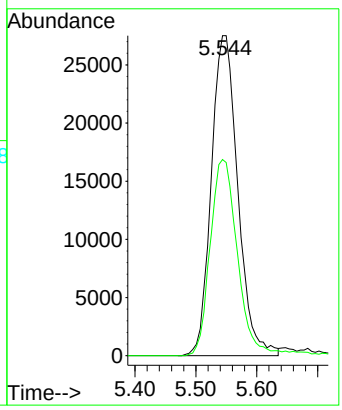




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:168 Resp: 8326

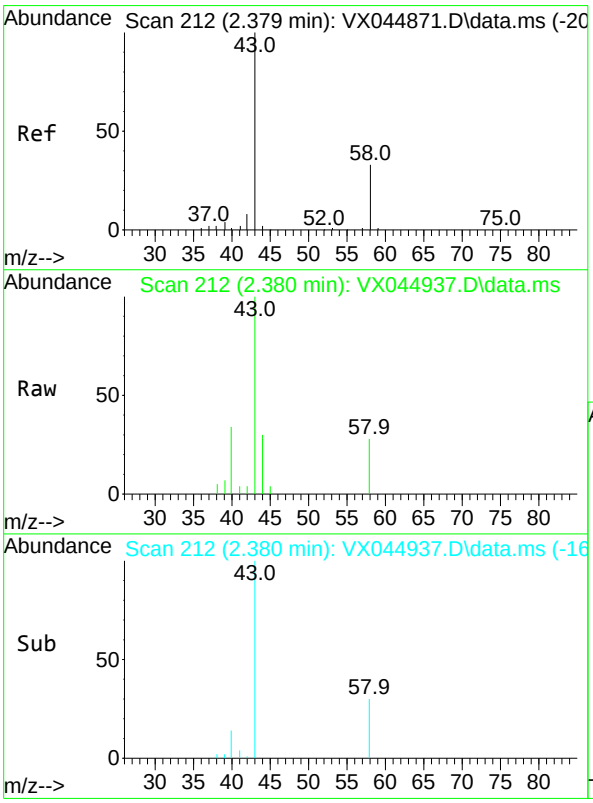
Ion	Ratio	Lower	Upper
168	100		
99	61.3	51.2	76.8



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
APPROVED

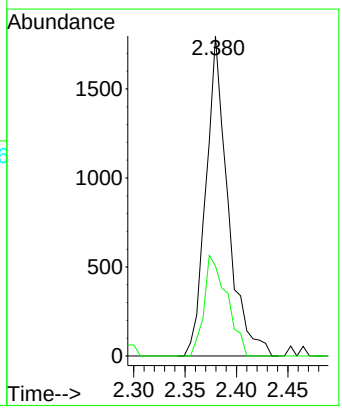
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

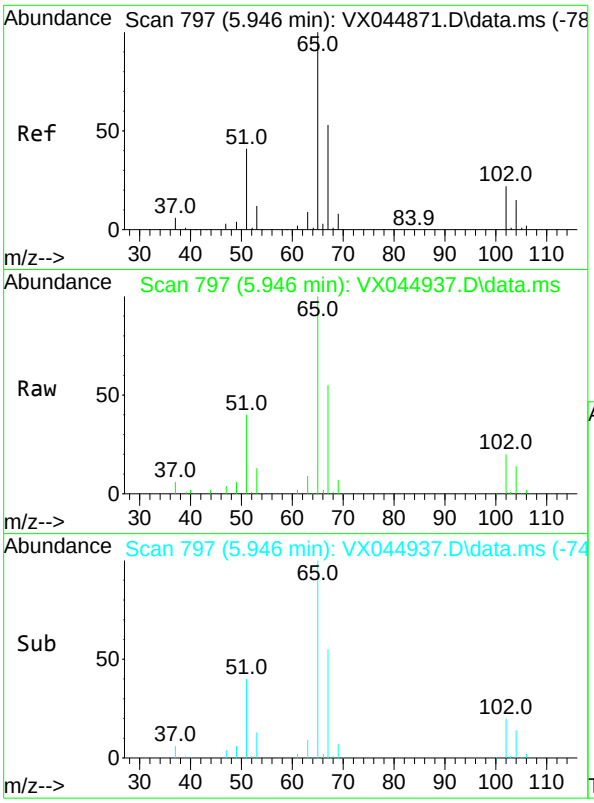


#16
Acetone
Concen: 5.465 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 43 Resp: 2678

Ion	Ratio	Lower	Upper
43	100		
58	28.1	26.5	39.7

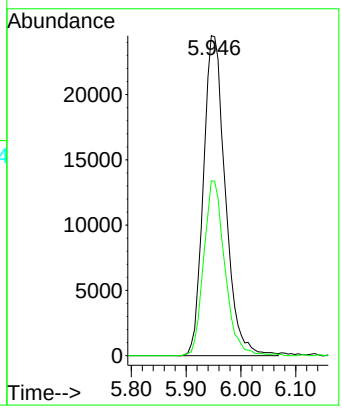




#33
1,2-Dichloroethane-d4
Concen: 55.744 ug/l
RT: 5.946 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 65 Resp: 6794

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	108.2



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
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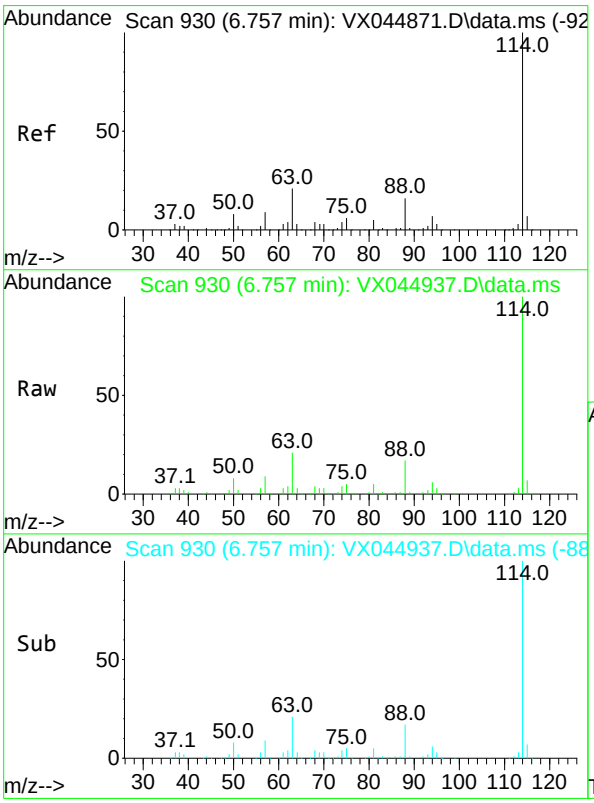
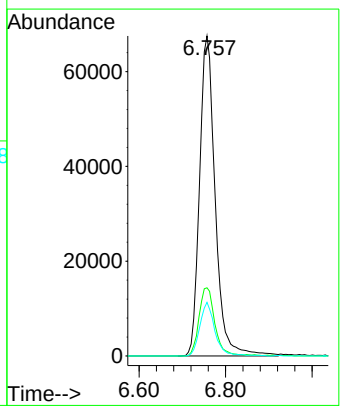
Supervised By :Mahesh Dadoda 02/14/2025

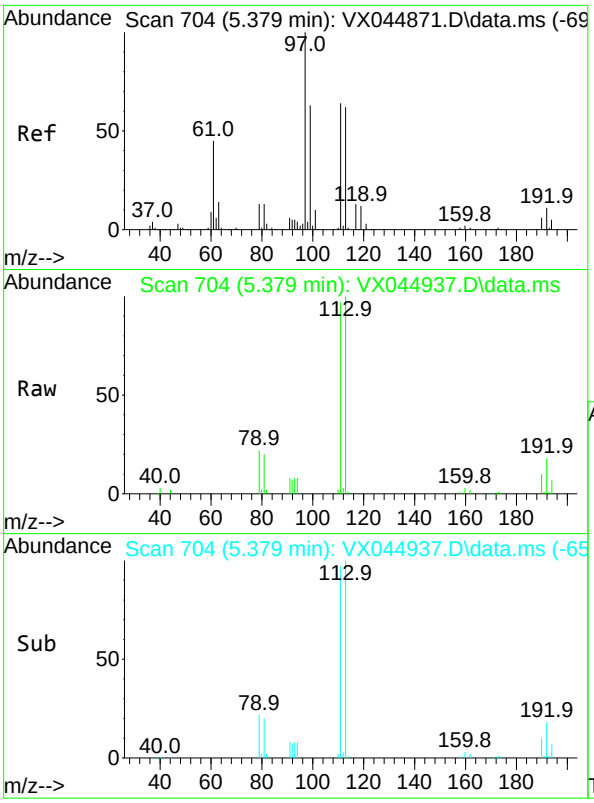


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:114 Resp: 169774

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.4
88	16.8	0.0	31.4

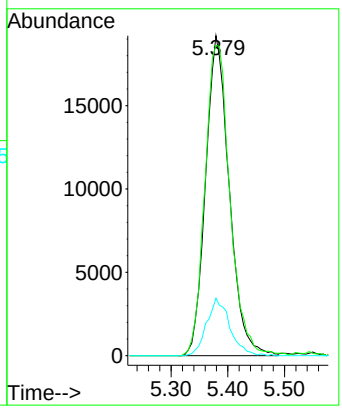




#35
Dibromofluoromethane
Concen: 50.367 ug/l
RT: 5.379 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:113 Resp: 5559

Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.5	125.3
192	17.6	14.4	21.6



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
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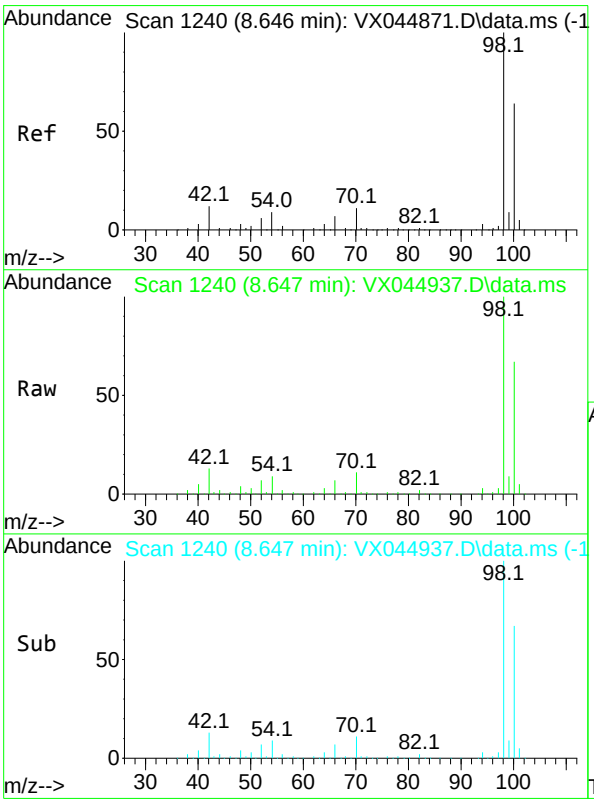
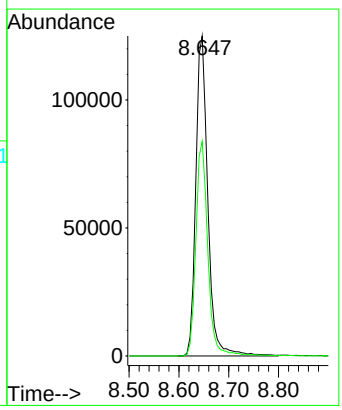
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

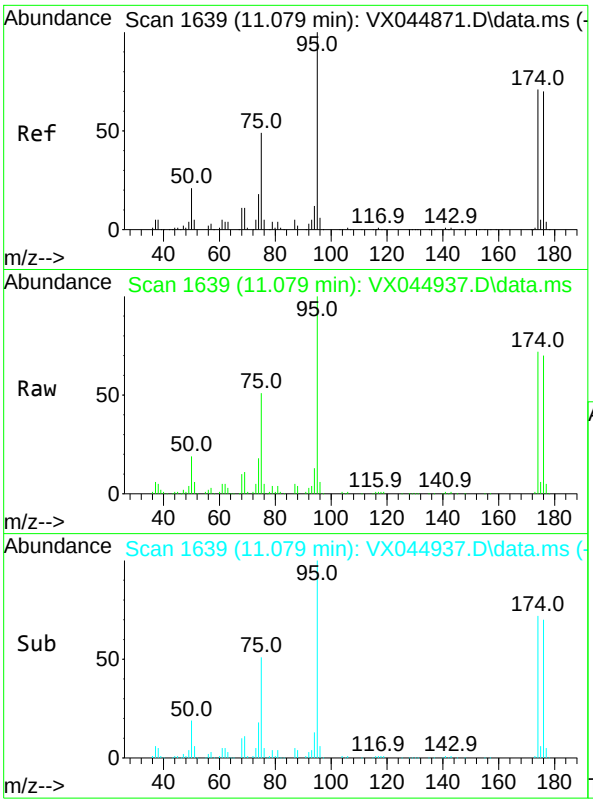


#50
Toluene-d8
Concen: 50.134 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 98 Resp: 209257

Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.7	79.1

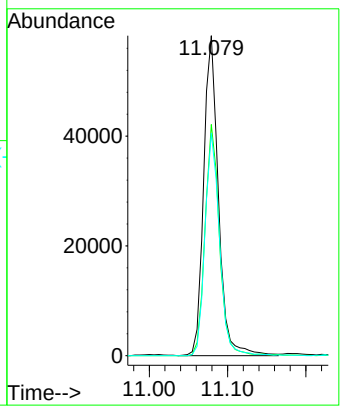




#62
4-Bromofluorobenzene
Concen: 54.309 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 95 Resp: 7642

Ion	Ratio	Lower	Upper
95	100		
174	70.5	0.0	142.6
176	68.6	0.0	141.6



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
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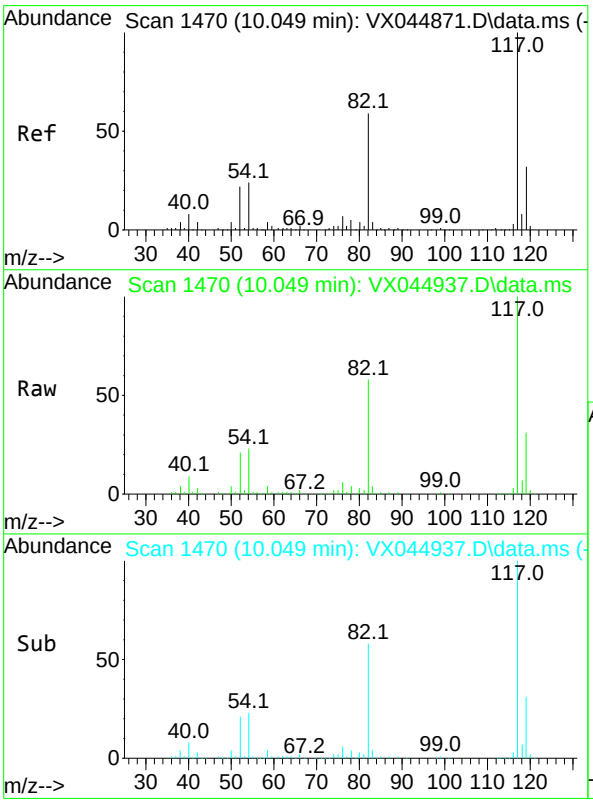
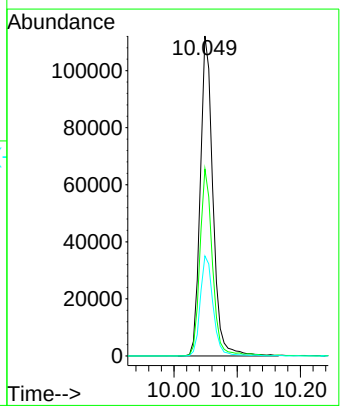
Supervised By :Mahesh Dadoda 02/14/2025

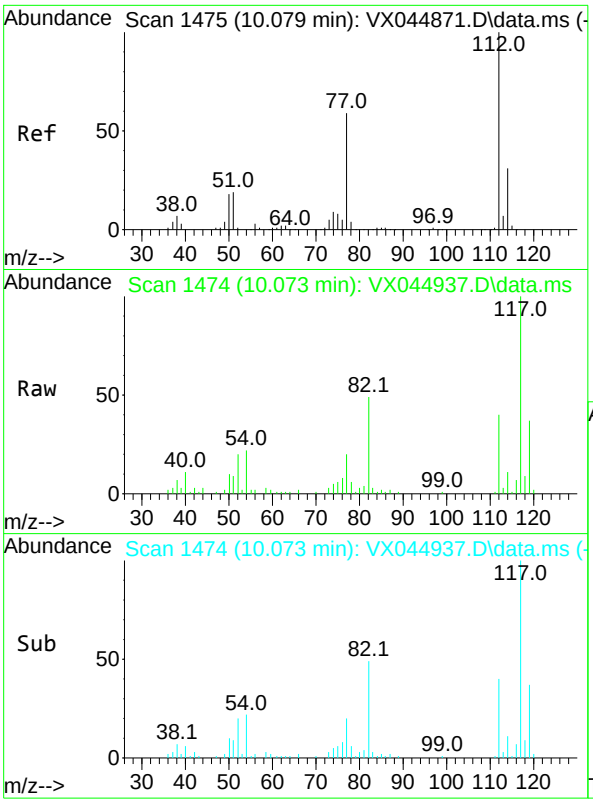


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:117 Resp: 156232

Ion	Ratio	Lower	Upper
117	100		
82	58.4	47.5	71.3
119	31.3	25.4	38.0

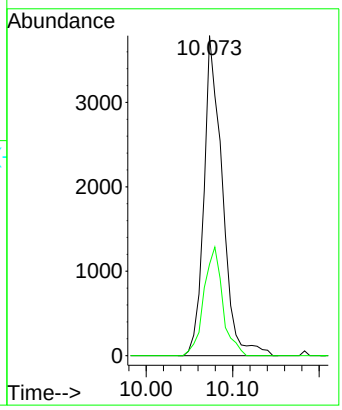




#65
Chlorobenzene
Concen: 1.665 ug/l
RT: 10.073 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:112 Resp: 558

Ion	Ratio	Lower	Upper
112	100		
114	28.6	25.0	37.6



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
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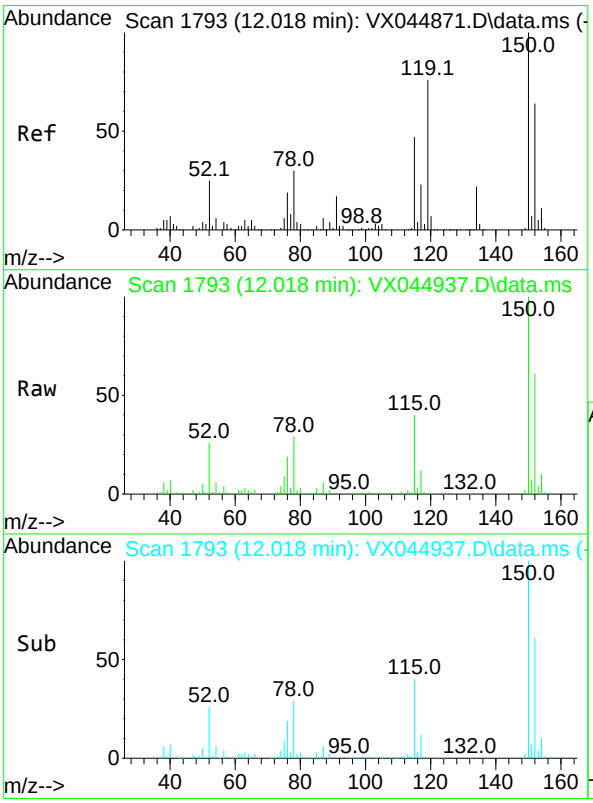
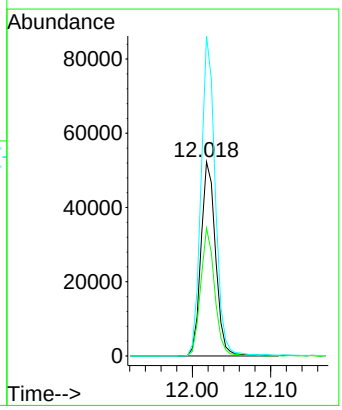
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

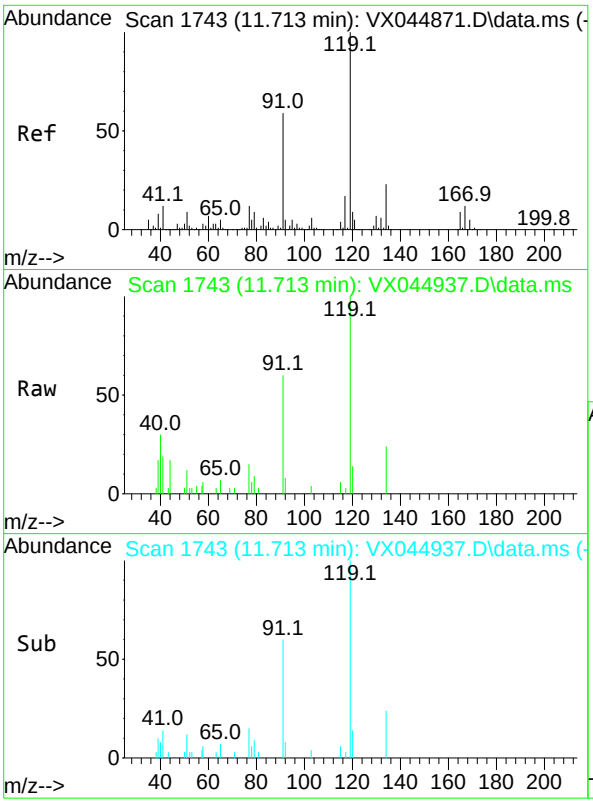


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:152 Resp: 67649

Ion	Ratio	Lower	Upper
152	100		
115	63.1	43.4	130.1
150	159.9	0.0	350.4

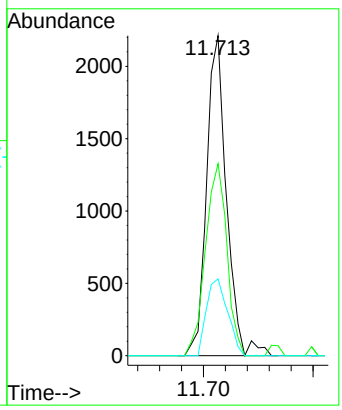




#83
tert-Butylbenzene
Concen: 0.623 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:119 Resp: 278

Ion	Ratio	Lower	Upper
119	100		
91	64.5	29.1	87.4
134	25.4	11.5	34.5



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
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Reviewed By :John Carlone 02/14/2025
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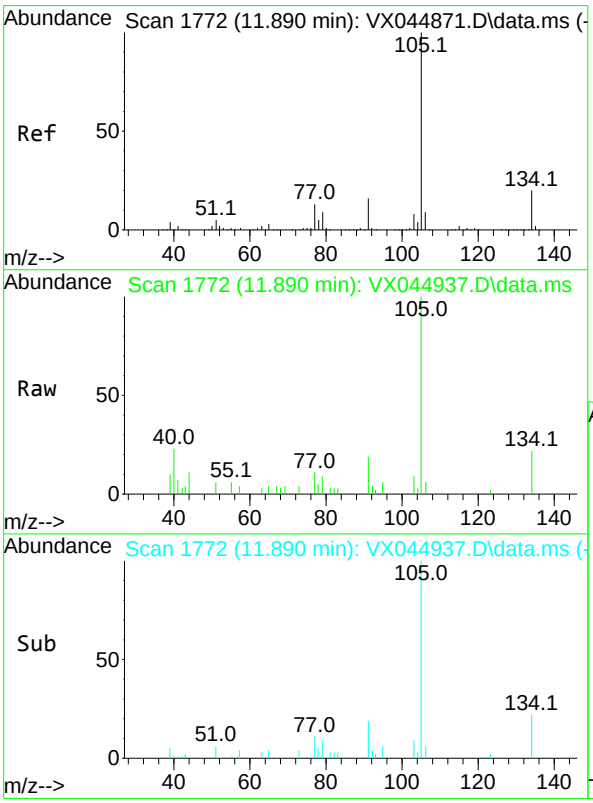
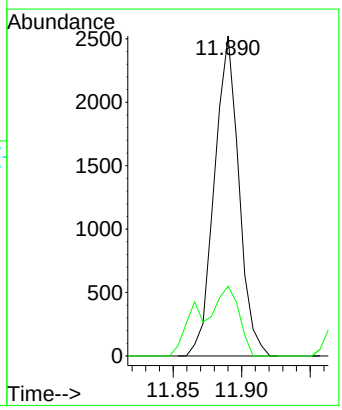
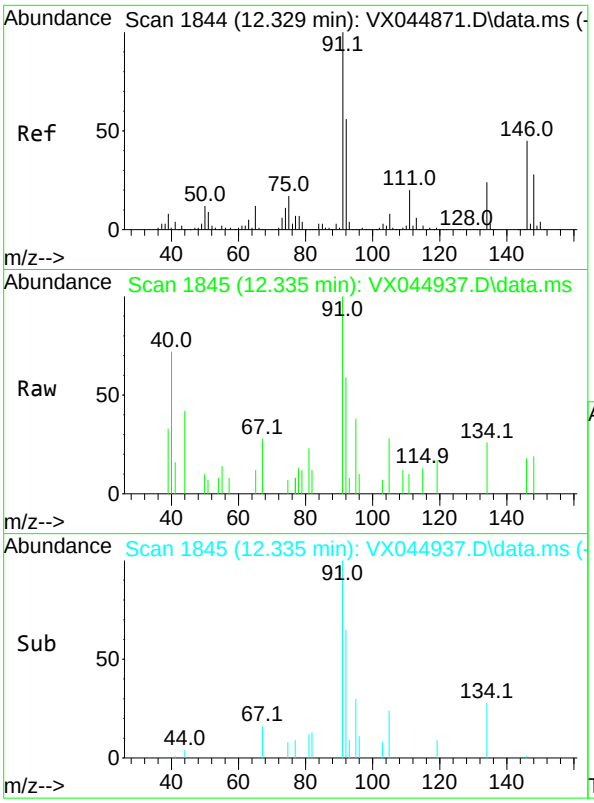


#85
sec-Butylbenzene
Concen: 0.565 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:105 Resp: 3127

Ion	Ratio	Lower	Upper
105	100		
134	22.3	9.8	29.3

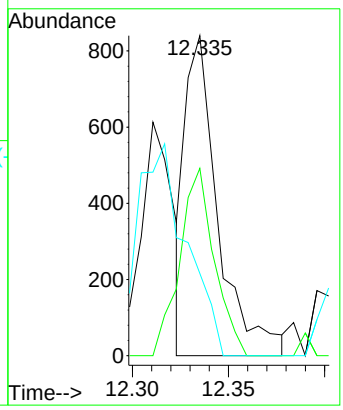




#89
n-Butylbenzene
Concen: 0.254 ug/l m
RT: 12.335 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion: 91 Resp: 99

Ion	Ratio	Lower	Upper
91	100		
92	61.7	27.2	81.6
134	96.6	12.1	36.3#



Instrument :
MSVOA_X
ClientSampleId :
RW1

Manual Integrations
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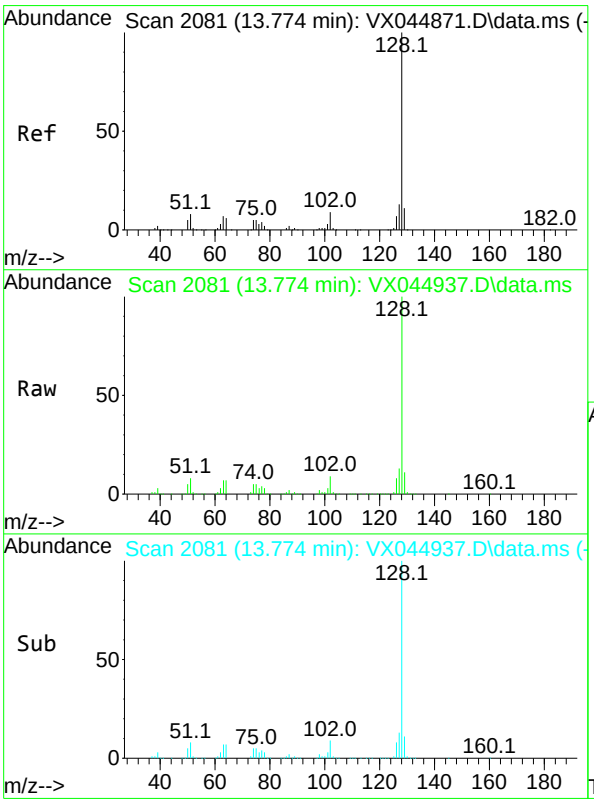
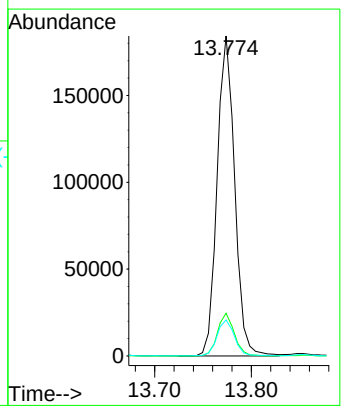
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#95
Naphthalene
Concen: 47.401 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044937.D
Acq: 12 Feb 2025 16:44

Tgt Ion:128 Resp: 231414

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.2	8.9	13.3



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

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: VX044937.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.611	71	86	87	rBV6	6157	21702	3.91%	0.438%
2	2.934	297	303	313	rBV	3397	8045	1.45%	0.162%
3	5.379	694	704	720	rBV	62312	185113	33.37%	3.734%
4	5.544	720	731	746	rBV	87395	256998	46.32%	5.184%
5	5.952	786	798	812	rBV	70116	195779	35.29%	3.949%
6	6.757	921	930	954	rBV	160090	401951	72.45%	8.108%
7	8.647	1234	1240	1255	rBV	337080	554795	100.00%	11.191%
8	8.769	1256	1260	1265	rVB5	4205	7010	1.26%	0.141%
9	8.970	1288	1293	1302	rVB3	8608	15036	2.71%	0.303%
10	9.098	1304	1314	1320	rBV2	4154	7401	1.33%	0.149%
11	9.500	1376	1380	1386	rBV3	4654	8124	1.46%	0.164%
12	9.616	1394	1399	1402	rBV4	3355	6368	1.15%	0.128%
13	9.653	1402	1405	1415	rVB4	3655	7743	1.40%	0.156%
14	9.829	1430	1434	1440	rBV2	4155	6849	1.23%	0.138%
15	10.049	1465	1470	1486	rBV	353949	512577	92.39%	10.339%
16	10.177	1488	1491	1498	rVB6	3017	5721	1.03%	0.115%
17	10.274	1503	1507	1516	rVB6	7211	15967	2.88%	0.322%
18	10.451	1532	1536	1541	rVB3	4583	5657	1.02%	0.114%
19	10.585	1548	1558	1566	rBV5	9531	24905	4.49%	0.502%
20	10.866	1598	1604	1609	rBV7	3279	7397	1.33%	0.149%
21	11.079	1633	1639	1645	rBV	279910	360944	65.06%	7.281%
22	11.616	1720	1727	1733	rBV5	4329	8038	1.45%	0.162%
23	11.713	1737	1743	1746	rVV	7508	10394	1.87%	0.210%
24	11.866	1759	1768	1769	rBV2	4561	7544	1.36%	0.152%
25	11.890	1769	1772	1777	rVB	6123	8657	1.56%	0.175%
26	12.018	1788	1793	1803	rBV	355274	446389	80.46%	9.004%
27	12.128	1805	1811	1817	rVB8	3002	7732	1.39%	0.156%
28	12.244	1824	1830	1833	rBV3	10733	16450	2.97%	0.332%
29	12.268	1833	1834	1837	rVV	8964	7801	1.41%	0.157%
30	12.311	1837	1841	1850	rVB5	13103	23418	4.22%	0.472%
31	12.463	1862	1866	1871	rBV	7081	8680	1.56%	0.175%
32	12.530	1871	1877	1880	rBV2	5726	8294	1.49%	0.167%
33	12.609	1885	1890	1893	rBV2	8181	12077	2.18%	0.244%
34	12.646	1893	1896	1901	rVB3	6173	8677	1.56%	0.175%
35	12.725	1901	1909	1913	rBV4	16773	34043	6.14%	0.687%
36	12.835	1925	1927	1933	rVB3	8029	12144	2.19%	0.245%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

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

37	12.920	1933	1941	1944	rBV2	14582	25676	4.63%	0.518%
38	12.963	1944	1948	1954	rVB2	15739	23005	4.15%	0.464%
39	13.024	1954	1958	1964	rBV3	13818	26724	4.82%	0.539%
40	13.134	1967	1976	1979	rBV3	14505	26742	4.82%	0.539%
41	13.250	1991	1995	1998	rBV3	11139	15615	2.81%	0.315%
42	13.292	1998	2002	2006	rVV	20386	27613	4.98%	0.557%
43	13.432	2021	2025	2031	rVB5	8090	15388	2.77%	0.310%
44	13.506	2031	2037	2040	rBV2	13787	21446	3.87%	0.433%
45	13.542	2040	2043	2045	rBV	10877	12241	2.21%	0.247%
46	13.579	2045	2049	2054	rBV4	30779	53578	9.66%	1.081%
47	13.664	2060	2063	2068	rVB2	26387	40399	7.28%	0.815%
48	13.774	2074	2081	2089	rVV	390329	496342	89.46%	10.012%
49	13.853	2089	2094	2099	rVB	36637	53204	9.59%	1.073%
50	13.926	2099	2106	2110	rBV2	34399	55601	10.02%	1.122%
51	13.969	2110	2113	2117	rVV2	14675	20659	3.72%	0.417%
52	14.006	2117	2119	2126	rVB4	8467	11687	2.11%	0.236%
53	14.073	2126	2130	2134	rBV2	27302	35746	6.44%	0.721%
54	14.213	2147	2153	2162	rBV2	37354	67495	12.17%	1.361%
55	14.286	2162	2165	2167	rVV4	5715	6538	1.18%	0.132%
56	14.316	2167	2170	2175	rVV2	22159	31110	5.61%	0.628%
57	14.371	2175	2179	2183	rVV	39535	49490	8.92%	0.998%
58	14.414	2183	2186	2192	rVB3	11386	16075	2.90%	0.324%
59	14.481	2192	2197	2202	rBV2	39068	60507	10.91%	1.220%
60	14.524	2202	2204	2210	rVB4	5203	6325	1.14%	0.128%
61	14.615	2215	2219	2225	rVV	56939	98100	17.68%	1.979%
62	14.670	2225	2228	2233	rVB	38709	48155	8.68%	0.971%
63	14.725	2233	2237	2241	rBV4	13536	18757	3.38%	0.378%
64	14.786	2243	2247	2248	rBV4	5037	6300	1.14%	0.127%
65	14.816	2248	2252	2255	rVV	21450	31381	5.66%	0.633%
66	14.847	2255	2257	2261	rVB2	19584	21283	3.84%	0.429%
67	14.902	2261	2266	2272	rBV3	20184	38406	6.92%	0.775%
68	15.048	2283	2290	2295	rBV6	8926	19597	3.53%	0.395%
69	15.182	2302	2312	2319	rBV2	40852	77668	14.00%	1.567%
70	15.249	2319	2323	2330	rVB9	6246	15551	2.80%	0.314%
71	15.322	2330	2335	2339	rVB5	3862	5920	1.07%	0.119%
72	15.371	2339	2343	2347	rBV5	8244	14857	2.68%	0.300%
73	15.481	2352	2361	2364	rVV5	14145	28260	5.09%	0.570%
74	15.530	2364	2369	2373	rVV5	10502	25592	4.61%	0.516%
75	15.609	2377	2382	2387	rVV4	20405	39901	7.19%	0.805%
76	15.652	2387	2389	2396	rVB5	5352	9655	1.74%	0.195%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

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

77	15.847	2416	2421	2425	rVV6	5461	9559	1.72%	0.193%
78	15.877	2425	2426	2433	rVB5	3472	5616	1.01%	0.113%
79	16.292	2486	2494	2500	rBV7	2942	7407	1.34%	0.149%

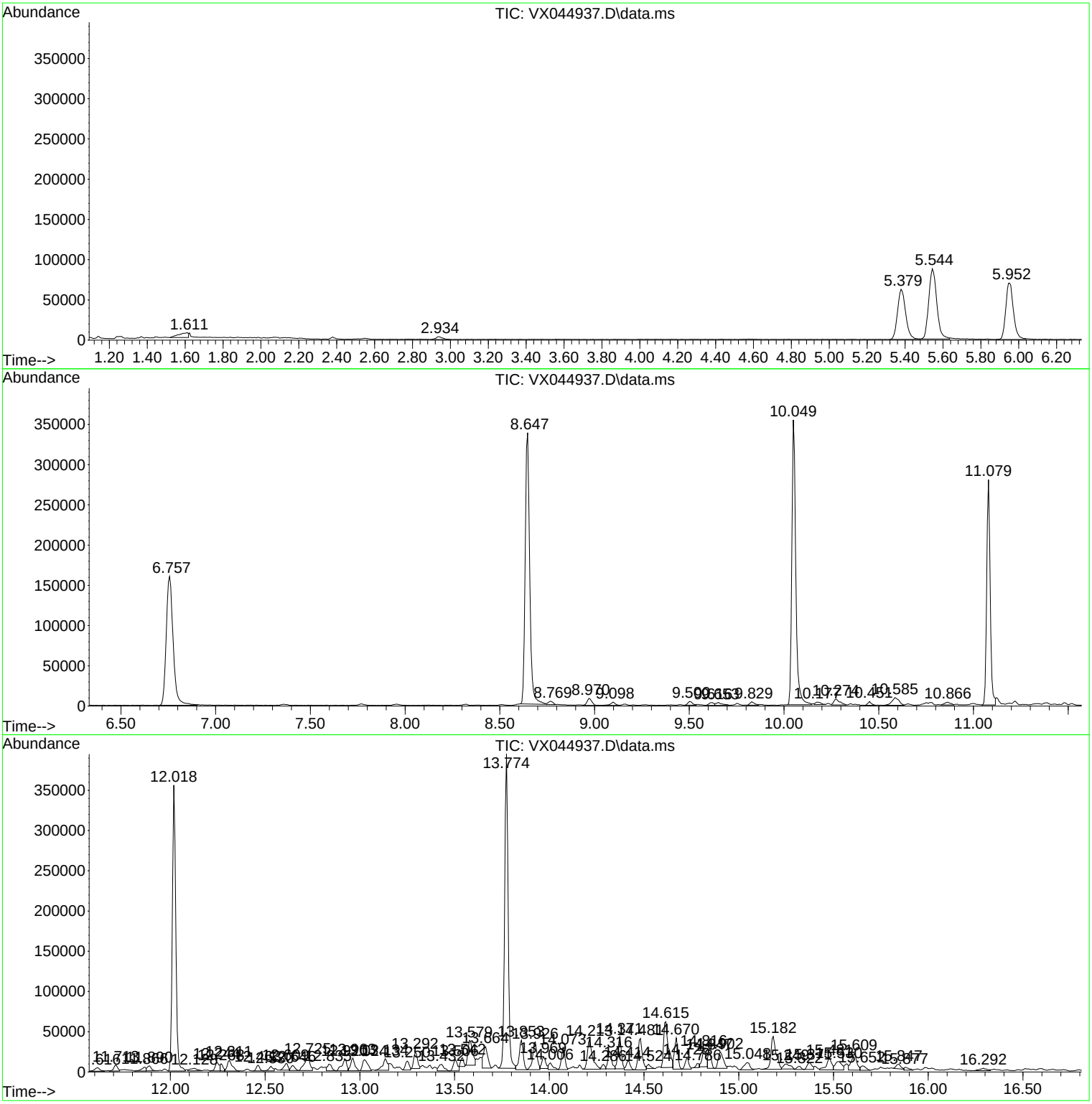
Sum of corrected areas: 4957591

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

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\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

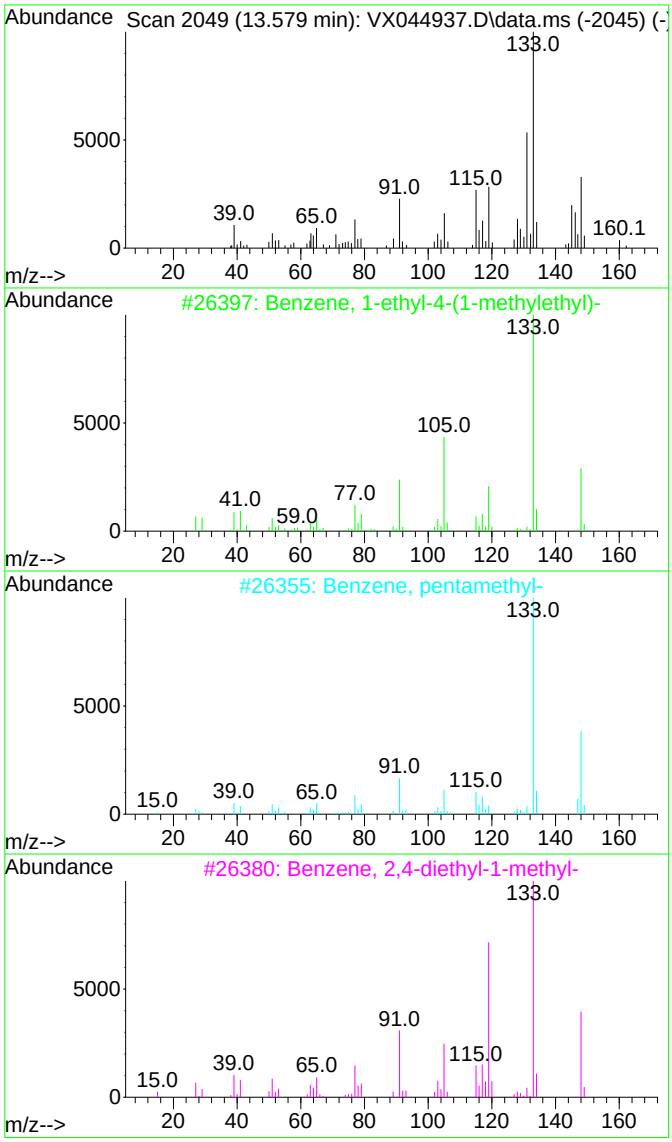
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

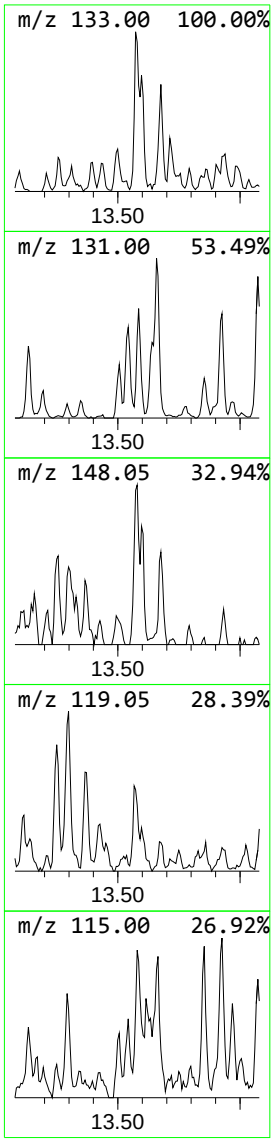
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.579	6.00 ug/l	53578	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	60
2	Benzene, pentamethyl-	148	C11H16	000700-12-9	55
3	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	55
4	Benzene, 1-ethyl-2,4,5-trimethyl-	148	C11H16	017851-27-3	53
5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

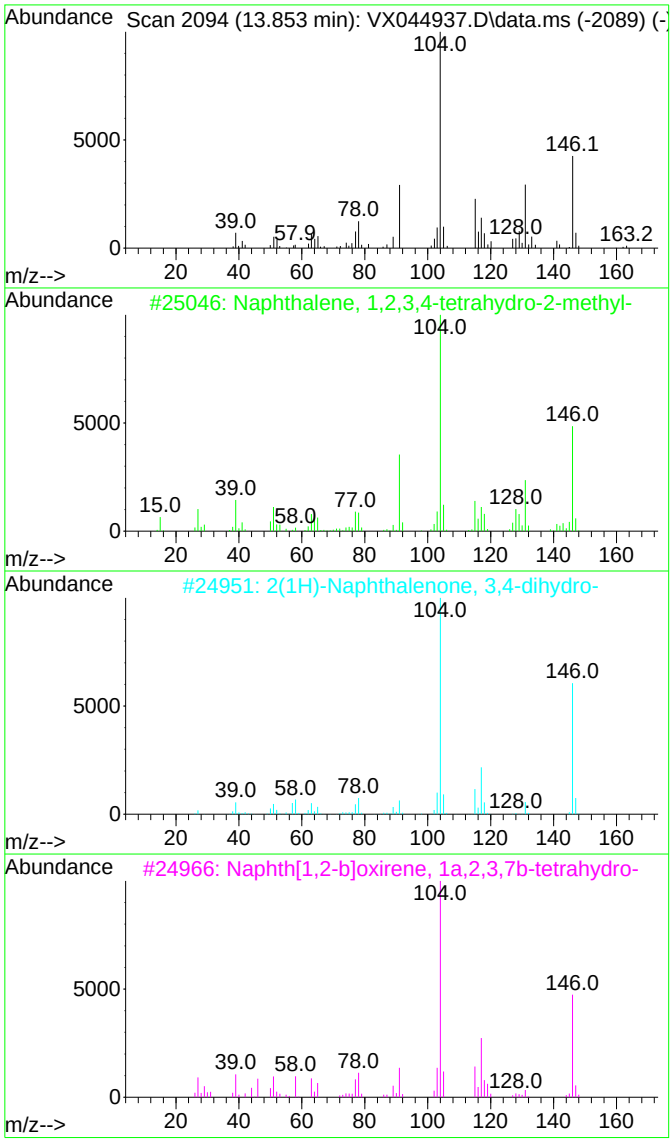
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

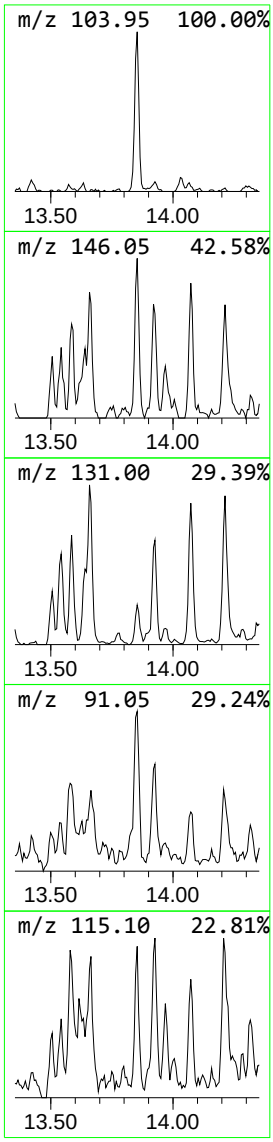
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.853	5.96 ug/l	53204	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	68
3	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4	Naphthalene, 2-ethyl-1,2,3,4-tet...	160	C12H16	032367-54-7	40
5	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

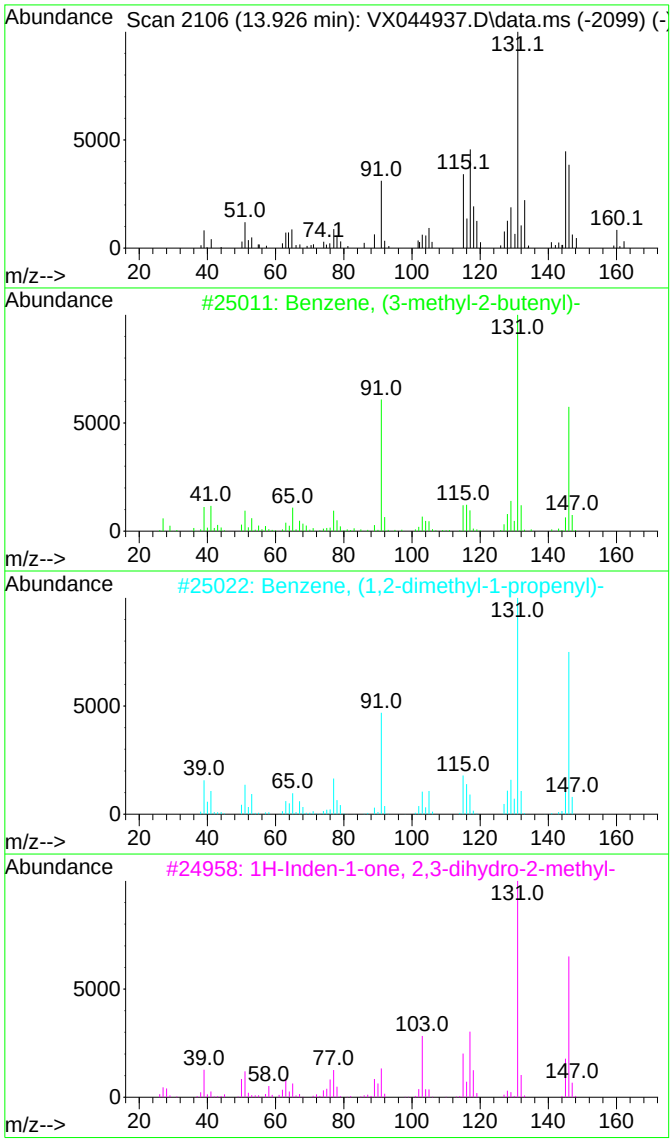
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

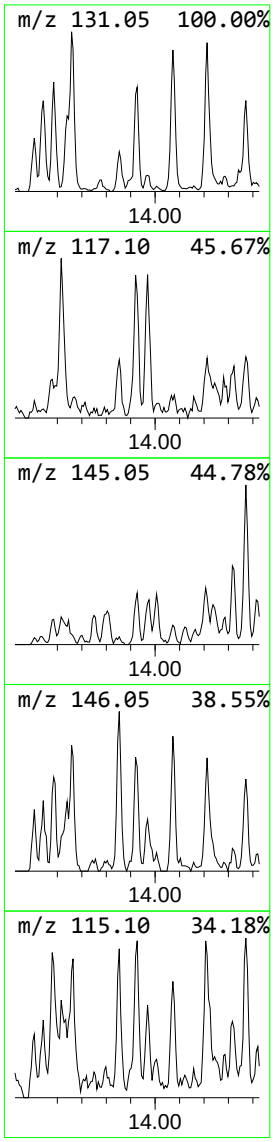
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (3-methyl-2-butenyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.926	6.23 ug/l	55601	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	70
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

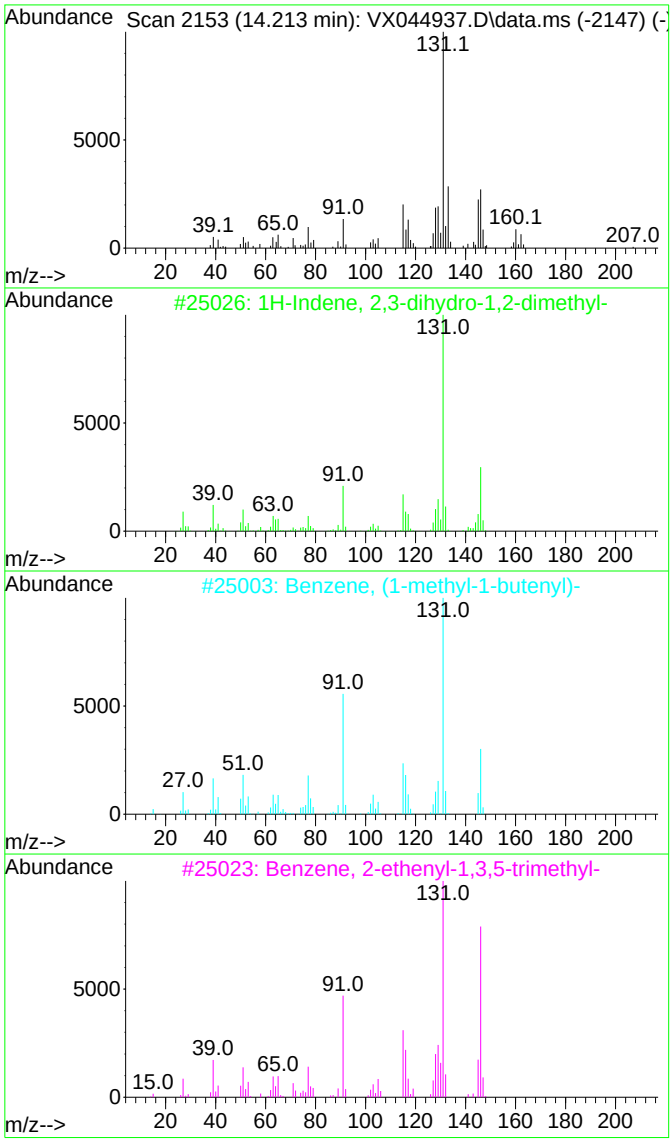
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

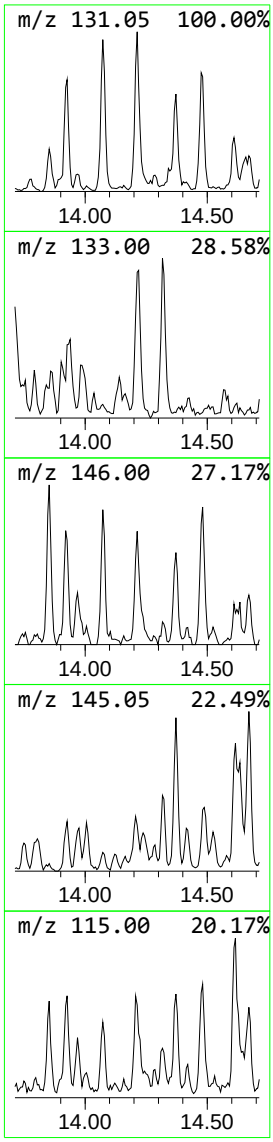
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.213	7.56 ug/l	67495	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	74
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	74
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	72
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

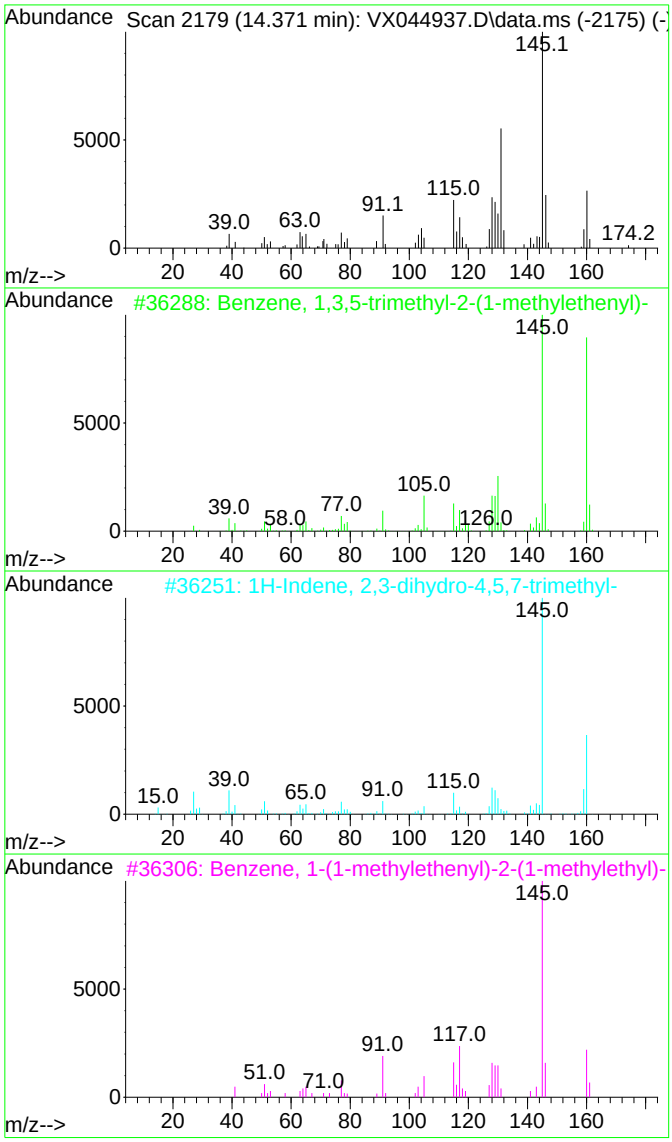
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

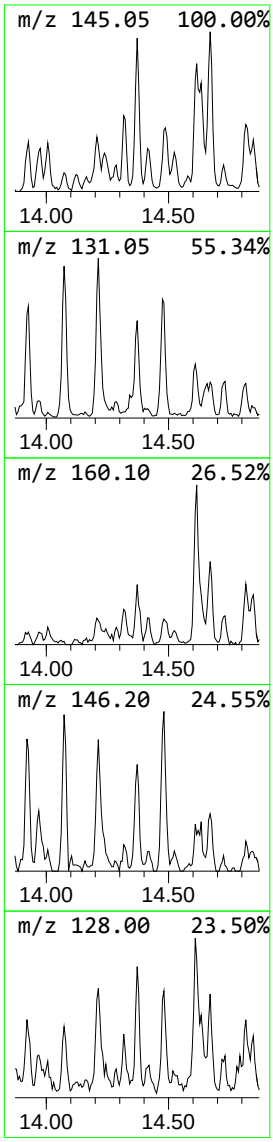
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,3,5-trimethyl-2-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.371	5.54 ug/l	49490	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	64
2	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	62
3	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	62
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	62
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

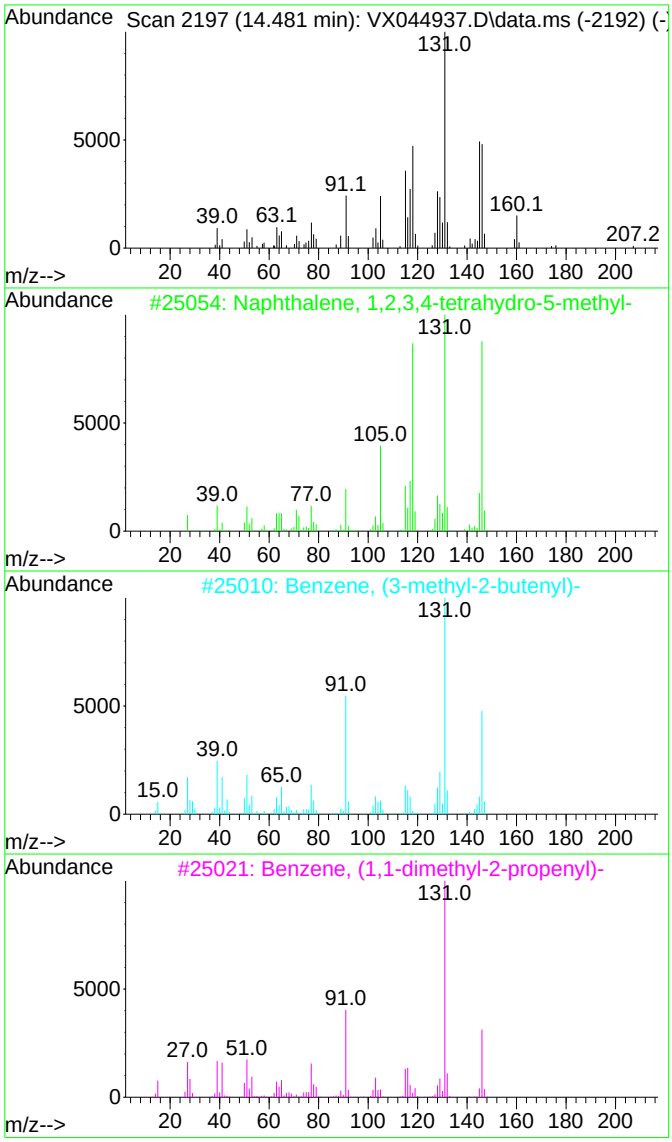
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

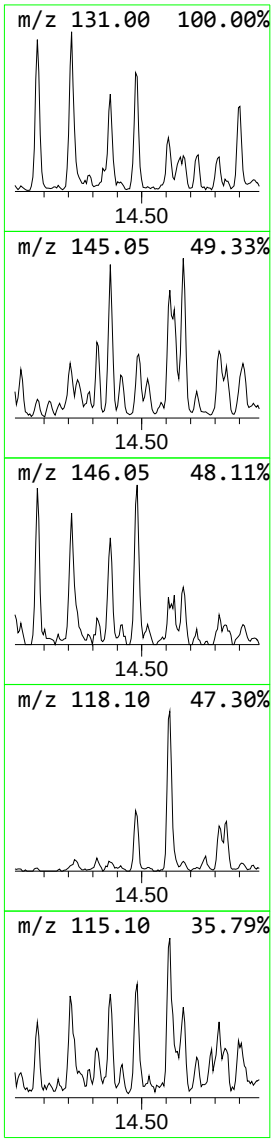
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	6.78 ug/l	60507	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	68
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	53
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	50
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	49
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	49





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

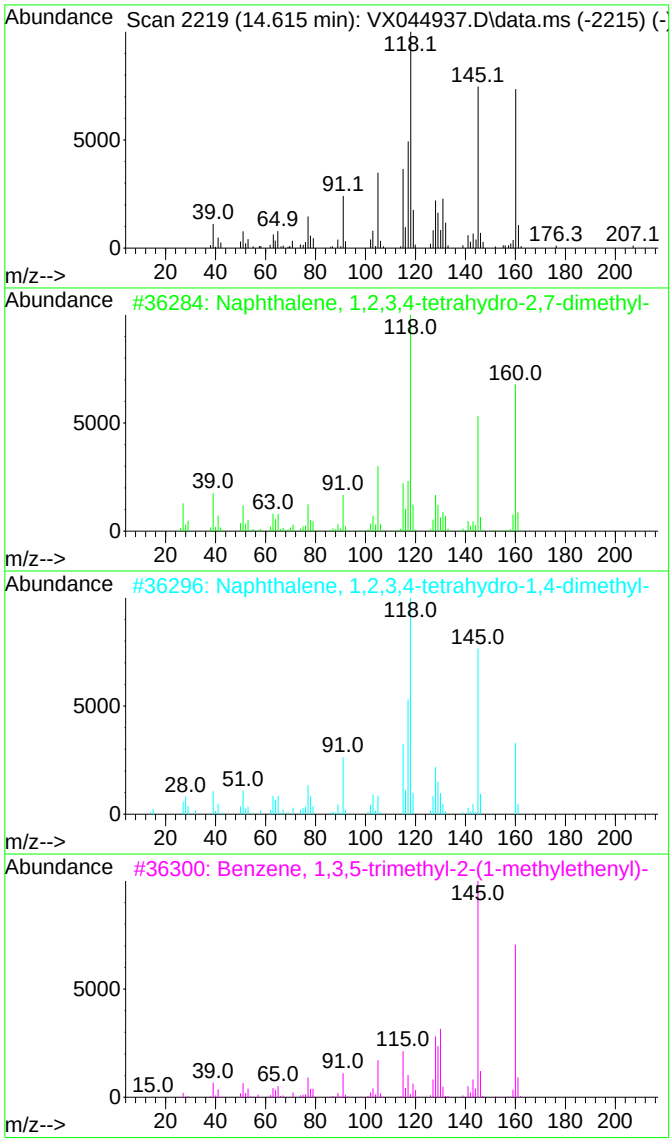
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

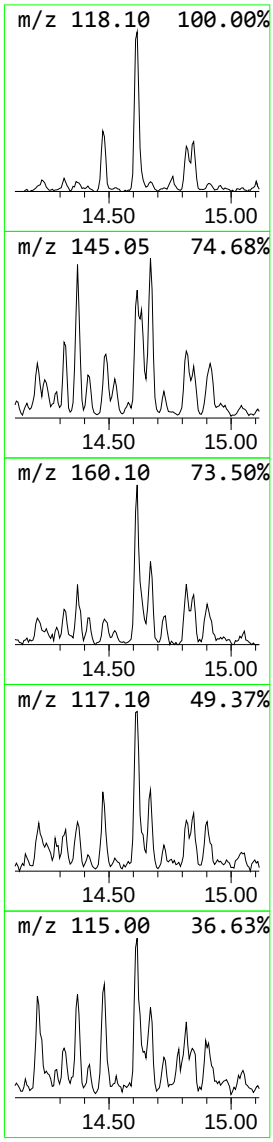
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.615	10.99 ug/l	98100	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	87
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	62
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

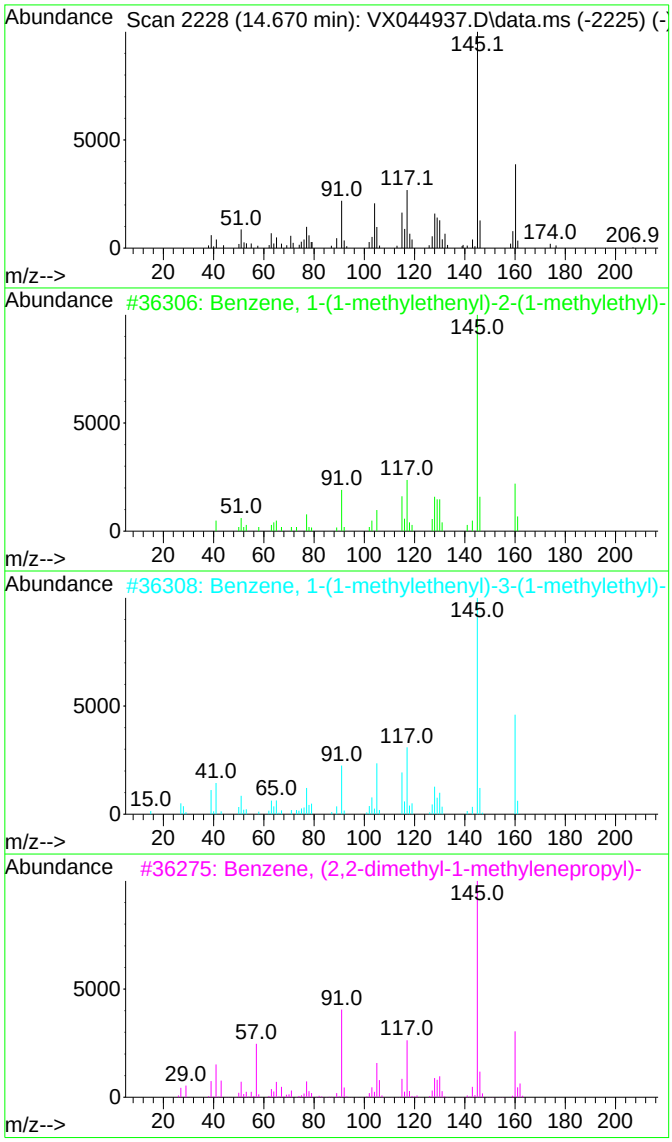
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

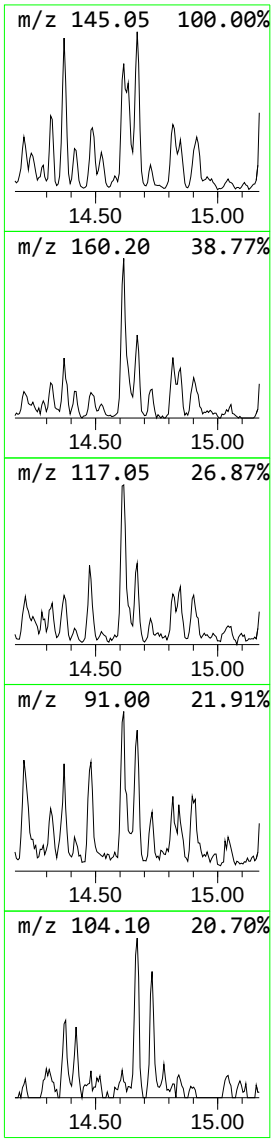
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-(1-methylethenyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.670	5.39 ug/l	48155	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-2-(...	160	C12H16	005557-93-7	90
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	90
3	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	83
4	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

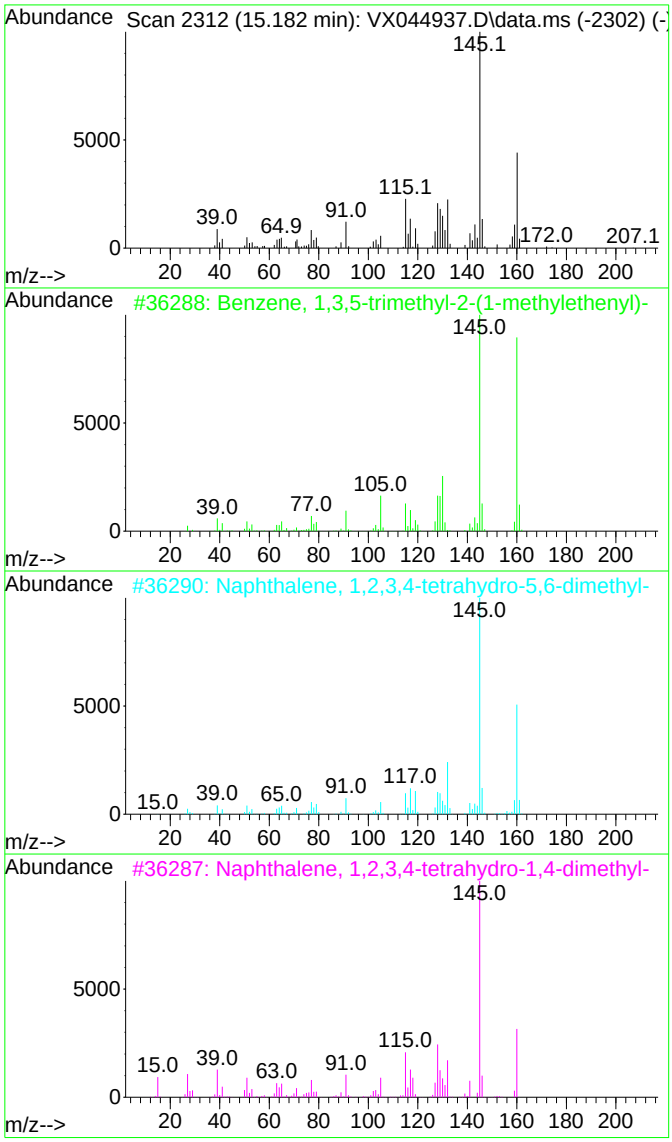
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260

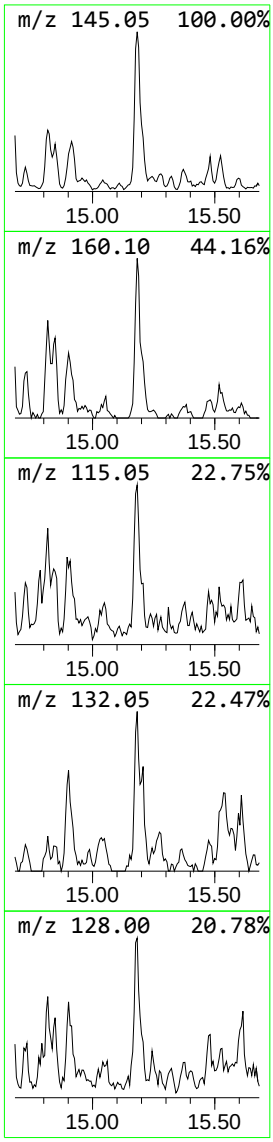
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.182	8.70 ug/l	77668	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	81
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	81
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044937.D
Acq On : 12 Feb 2025 16:44
Operator : JC/MD
Sample : Q1355-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RW1

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-ethy...	13.579	6.0	ug/l	53578	4	12.018	446389	50.0
Naphthalene, 1,...	13.853	6.0	ug/l	53204	4	12.018	446389	50.0
Benzene, (3-met...	13.926	6.2	ug/l	55601	4	12.018	446389	50.0
1H-Indene, 2,3-...	14.213	7.6	ug/l	67495	4	12.018	446389	50.0
Benzene, 1,3,5-...	14.371	5.5	ug/l	49490	4	12.018	446389	50.0
Naphthalene, 1,...	14.481	6.8	ug/l	60507	4	12.018	446389	50.0
Naphthalene, 1,...	14.615	11.0	ug/l	98100	4	12.018	446389	50.0
Benzene, 1-(1-m...	14.670	5.4	ug/l	48155	4	12.018	446389	50.0
Naphthalene, 1,...	15.182	8.7	ug/l	77668	4	12.018	446389	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Time: Feb 13 00:52:12 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

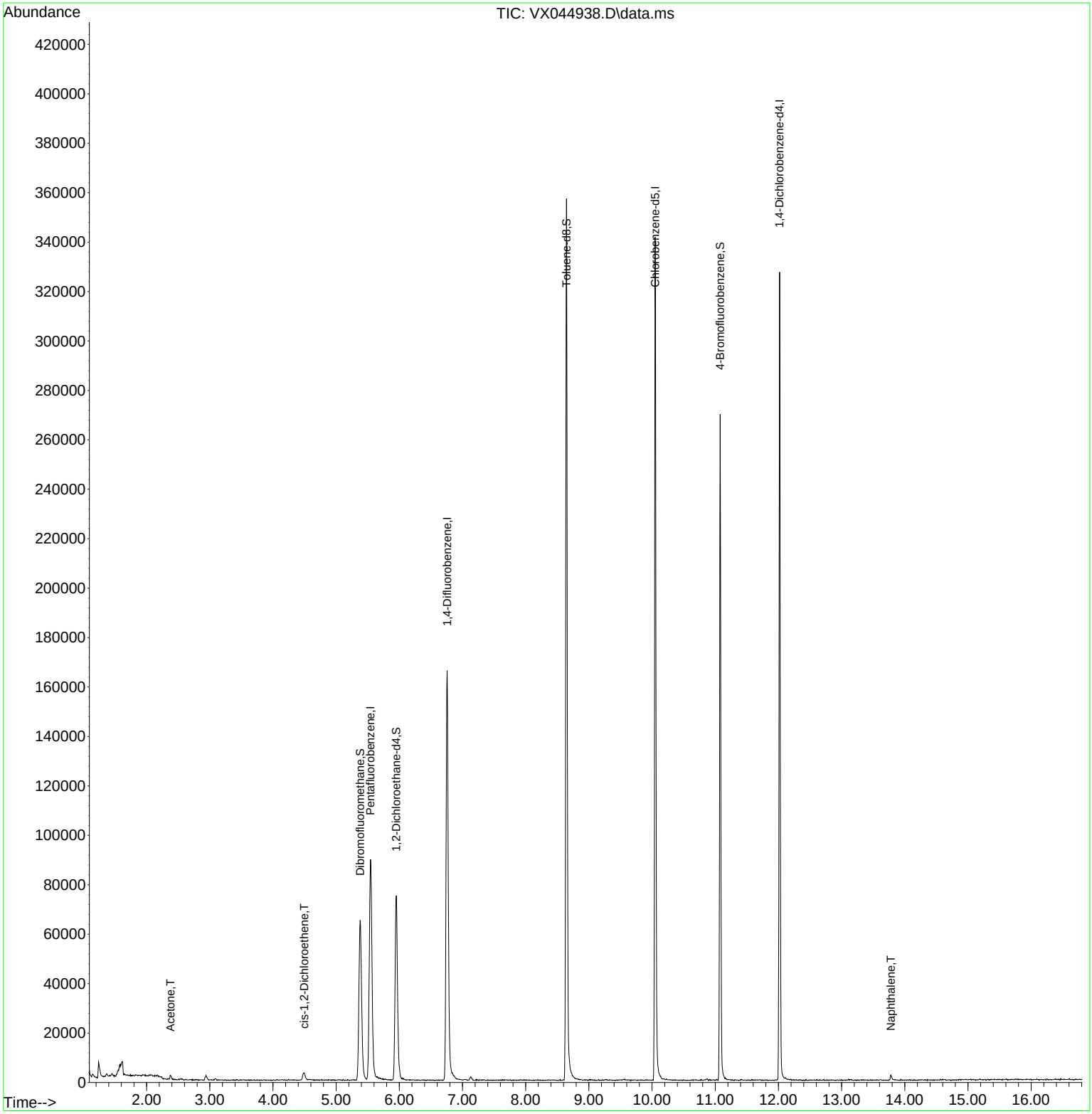
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	85678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173415	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	155759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69720	55.590	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.180%			
35) Dibromofluoromethane	5.379	113	58379	51.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	8.647	98	216198	50.709	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.420%			
62) 4-Bromofluorobenzene	11.079	95	71446	49.708	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.420%			
Target Compounds						Qvalue
16) Acetone	2.380	43	1848	3.665	ug/l #	76
27) cis-1,2-Dichloroethene	4.495	96	2073	1.588	ug/l	94
95) Naphthalene	13.780	128	2579	0.574	ug/l #	90

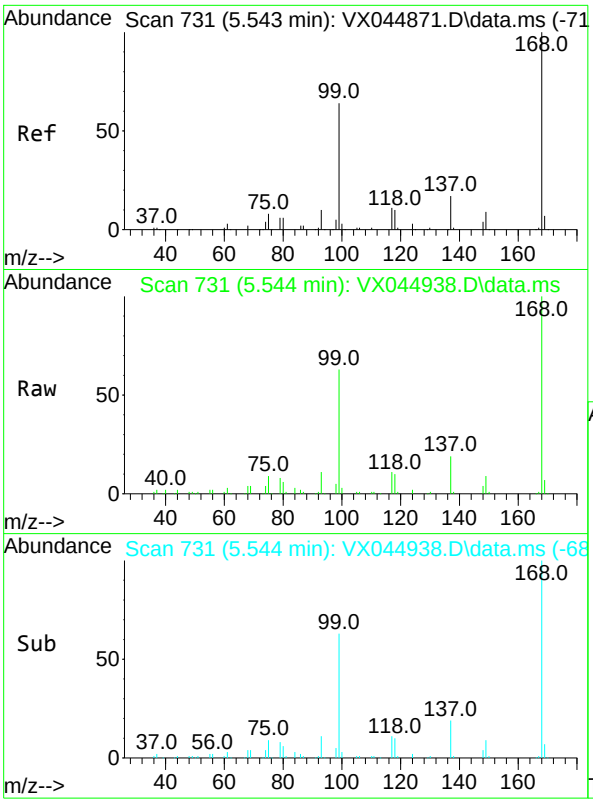
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

Quant Time: Feb 13 00:52:12 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



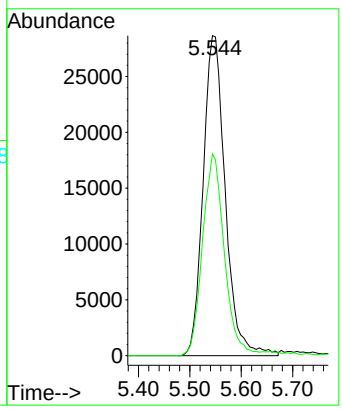


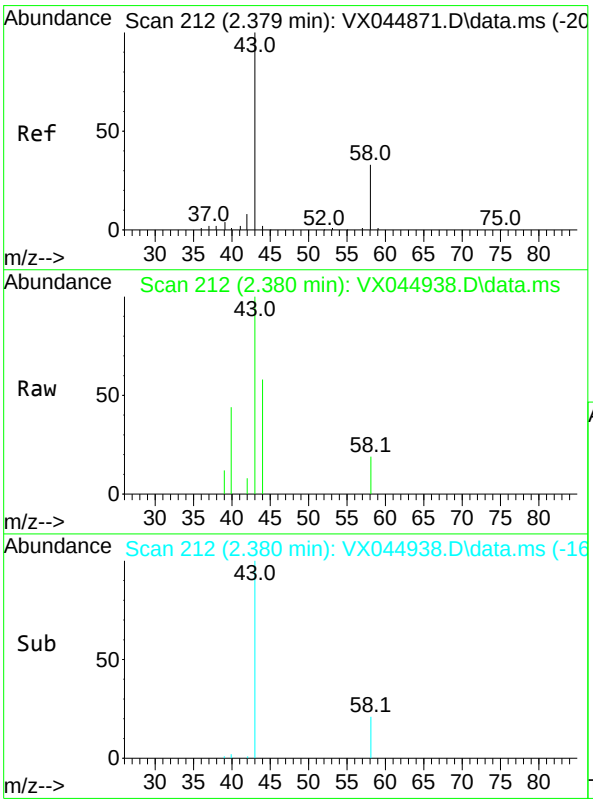
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:168 Resp: 85678

Ion	Ratio	Lower	Upper
168	100		
99	63.1	51.2	76.8

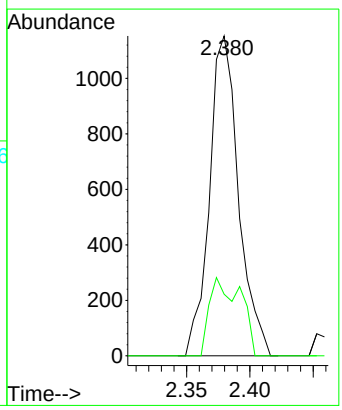


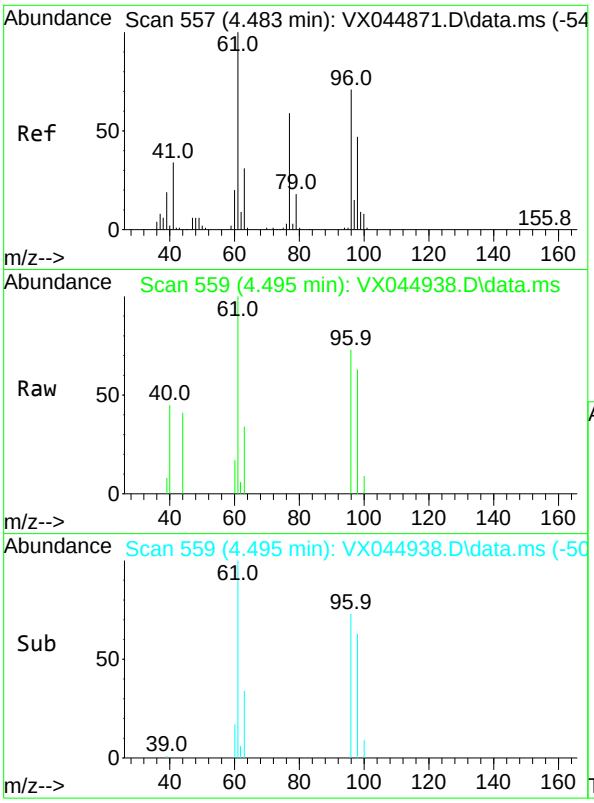


#16
Acetone
Concen: 3.665 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 43 Resp: 1848

Ion	Ratio	Lower	Upper
43	100		
58	19.3	26.5	39.7#



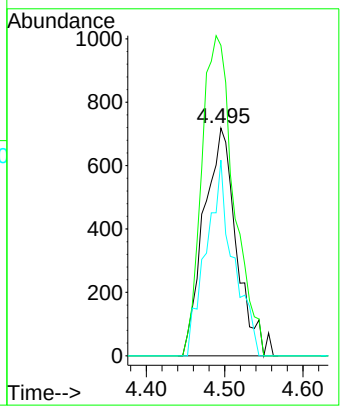


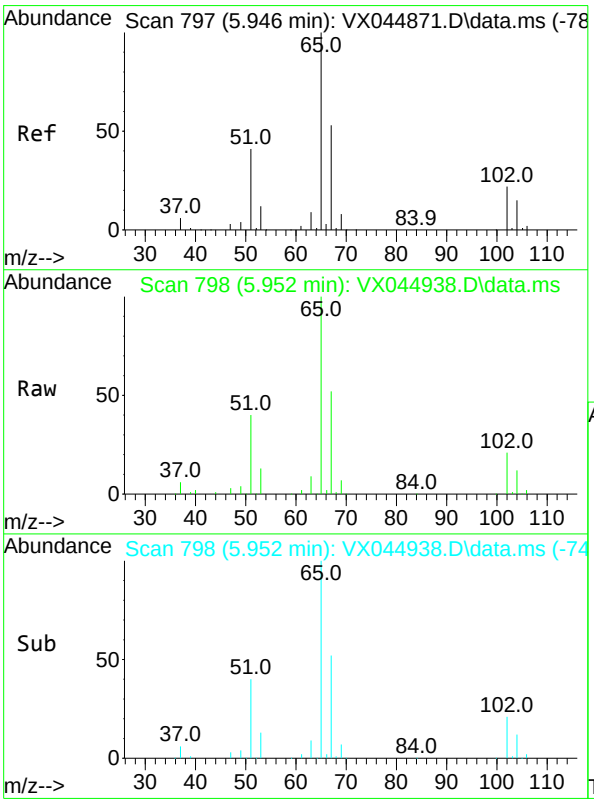
#27
cis-1,2-Dichloroethene
Concen: 1.588 ug/l
RT: 4.495 min Scan# 5
Delta R.T. 0.013 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 96 Resp: 2073

Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	294.0
98	71.6	0.0	131.2

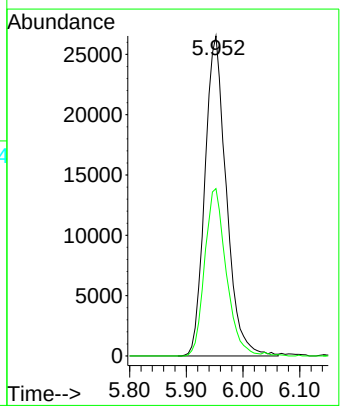


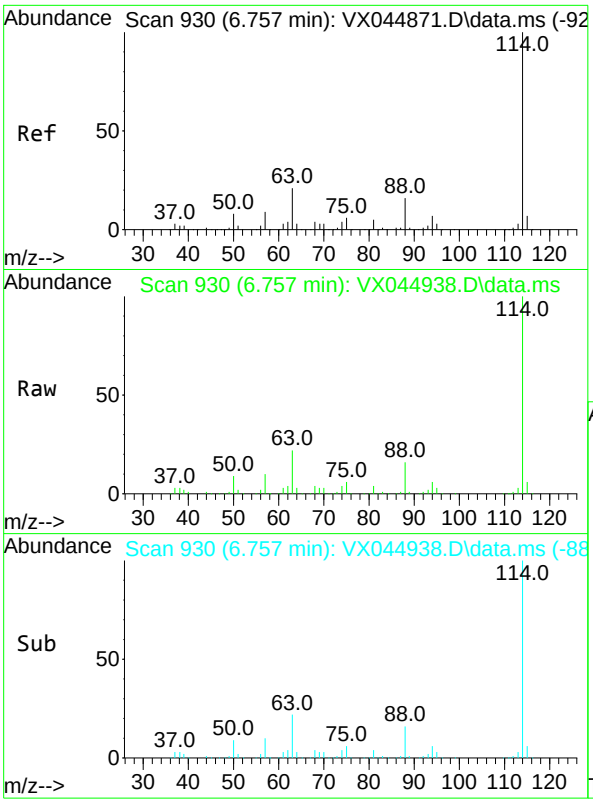


#33
1,2-Dichloroethane-d4
Concen: 55.590 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 65 Resp: 69720

Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	108.2



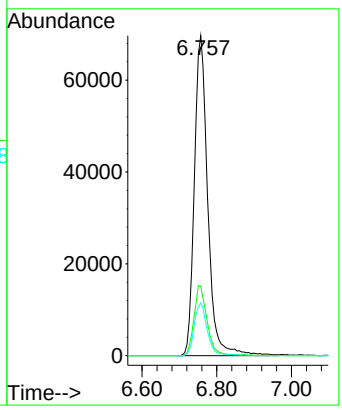


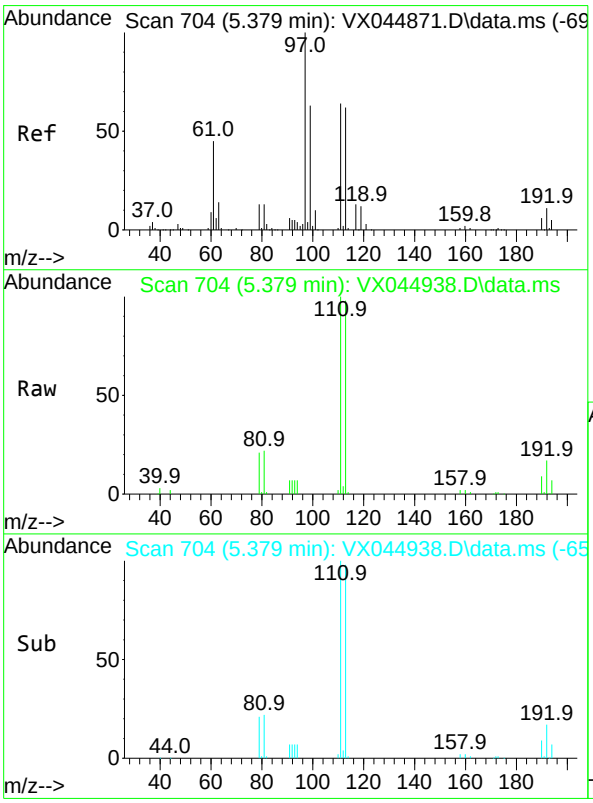
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:114 Resp: 173415

Ion	Ratio	Lower	Upper
114	100		
63	21.7	0.0	42.4
88	16.4	0.0	31.4

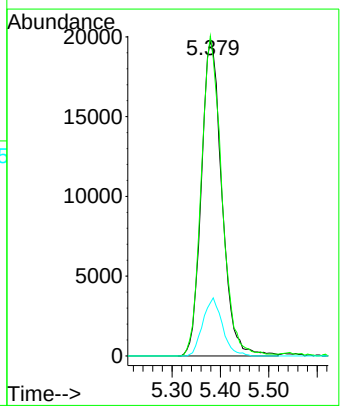


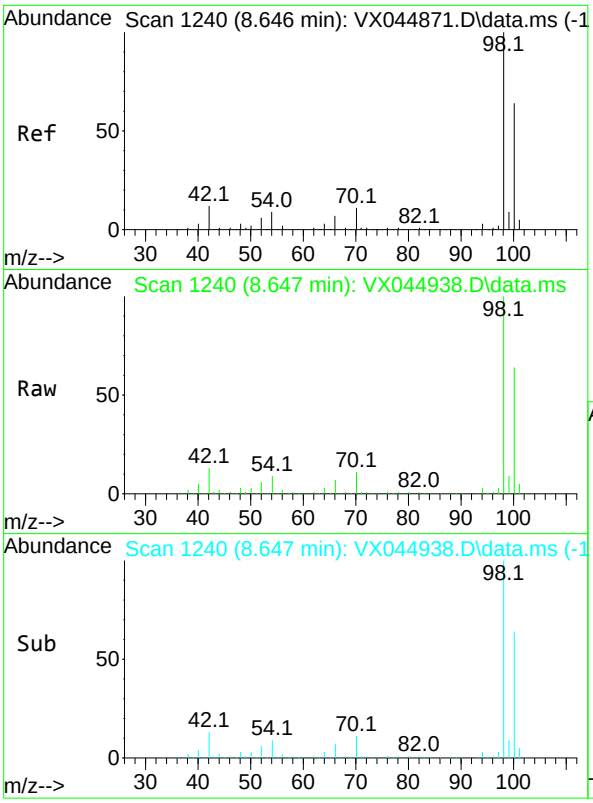


#35
Dibromofluoromethane
Concen: 51.778 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion:113 Resp: 58379

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.5	125.3
192	17.5	14.4	21.6



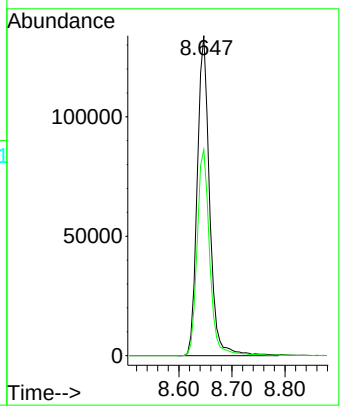


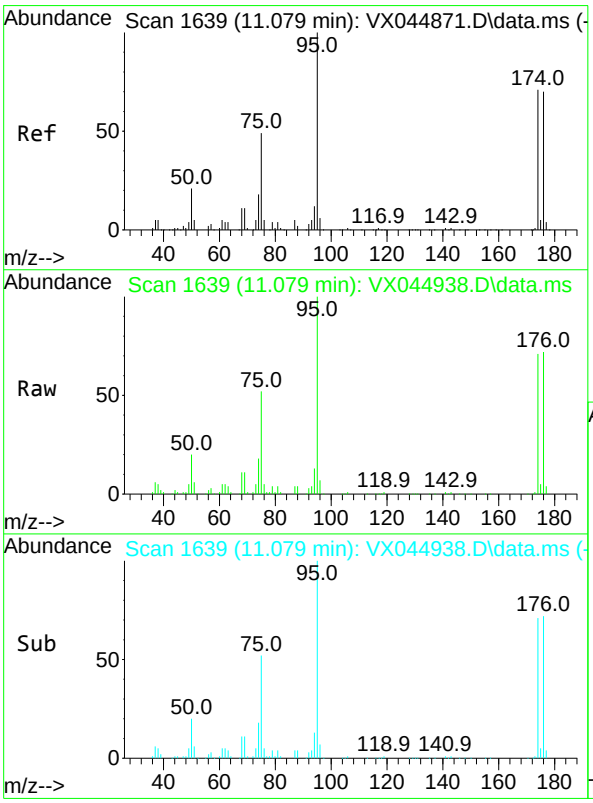
#50
Toluene-d8
Concen: 50.709 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 98 Resp: 216198

Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.7	79.1

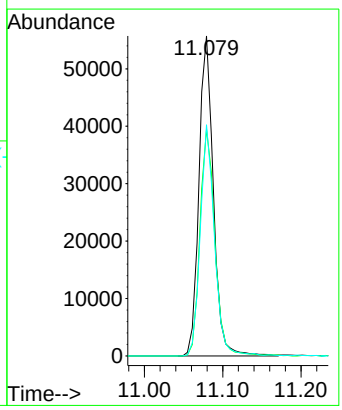


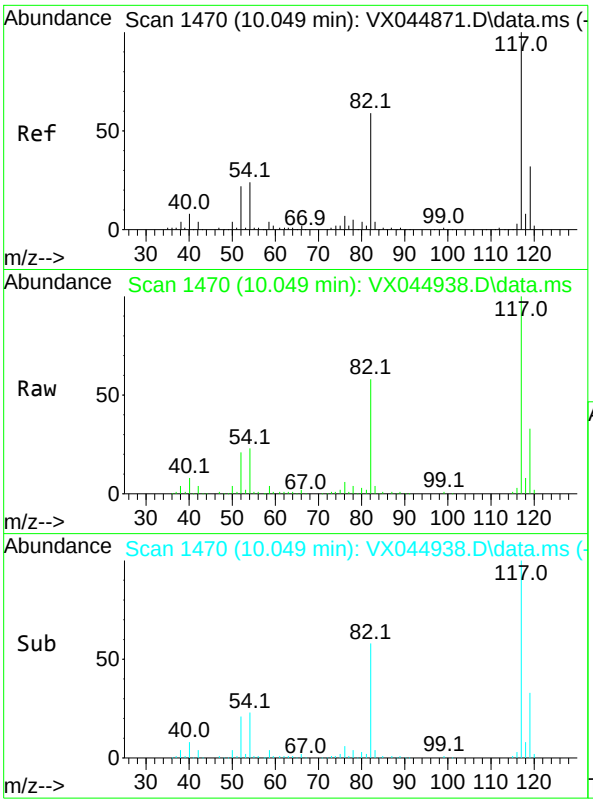


#62
4-Bromofluorobenzene
Concen: 49.708 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion: 95 Resp: 71446

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	142.6
176	71.0	0.0	141.6



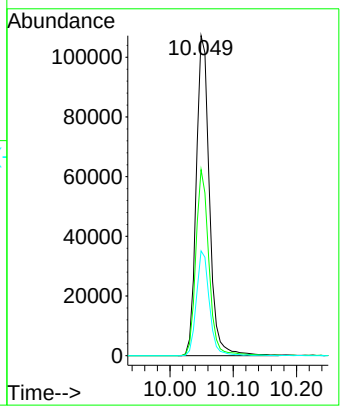


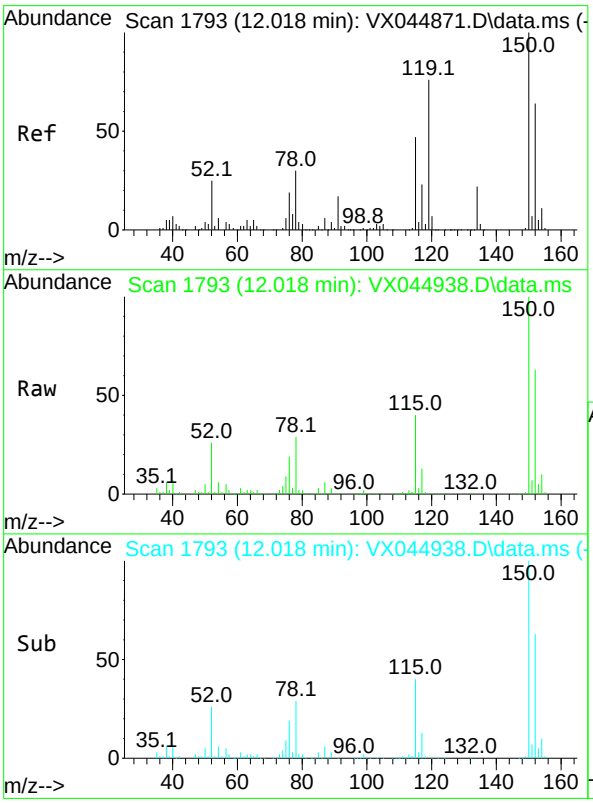
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:117 Resp: 155759

Ion	Ratio	Lower	Upper
117	100		
82	58.1	47.5	71.3
119	32.7	25.4	38.0

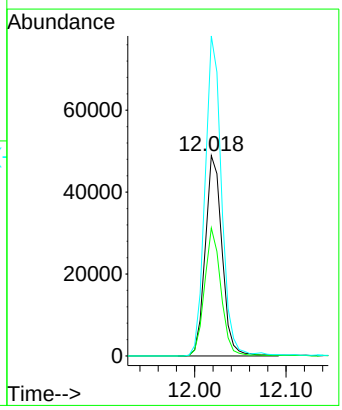


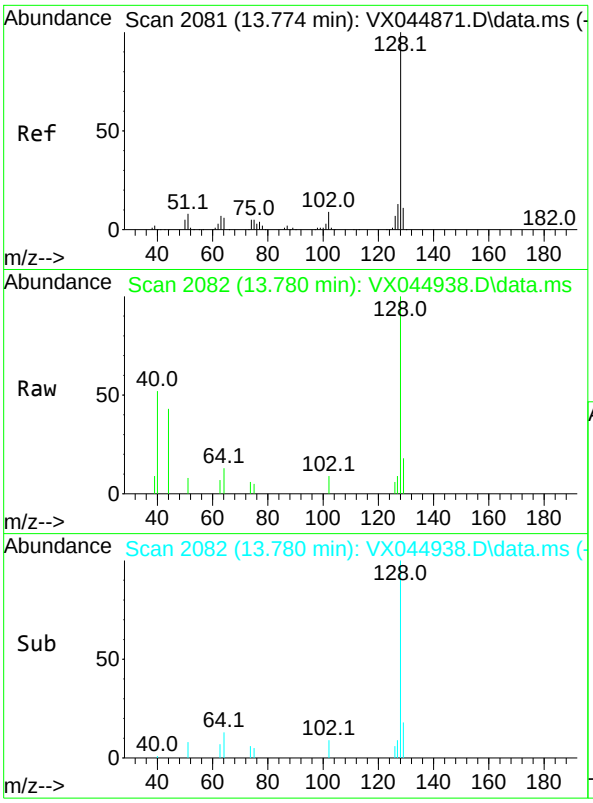


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Tgt Ion:152 Resp: 62222

Ion	Ratio	Lower	Upper
152	100		
115	62.6	43.4	130.1
150	158.0	0.0	350.4



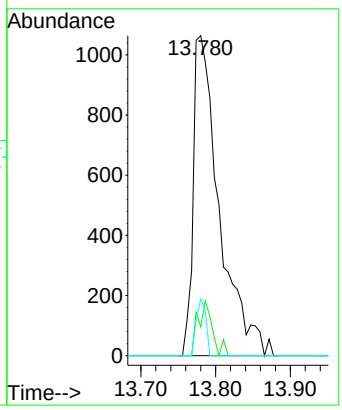


#95
Naphthalene
Concen: 0.574 ug/l
RT: 13.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX044938.D
Acq: 12 Feb 2025 17:07

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion:128 Resp: 2579

Ion	Ratio	Lower	Upper
128	100		
127	9.5	10.1	15.1#
129	6.5	8.9	13.3#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

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

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

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

Signal : TIC: VX044938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.240	22	25	34	rBV2	6478	12411	2.15%	0.425%
2	1.575	70	80	81	rBV4	4756	10333	1.79%	0.354%
3	1.618	83	87	90	rVB6	5471	9382	1.62%	0.321%
4	4.489	548	558	568	rBV3	3016	8629	1.49%	0.295%
5	5.379	694	704	721	rBV2	64735	191545	33.12%	6.558%
6	5.544	721	731	746	rBV	88920	260322	45.01%	8.913%
7	5.952	789	798	813	rBV	74529	198432	34.31%	6.794%
8	6.757	921	930	954	rBV	165678	409269	70.76%	14.012%
9	8.647	1233	1240	1255	rBV	356585	578400	100.00%	19.803%
10	10.049	1465	1470	1489	rBV	341140	492476	85.14%	16.861%
11	11.079	1634	1639	1651	rBV	269361	347983	60.16%	11.914%
12	12.018	1788	1793	1806	rBV	326791	401623	69.44%	13.750%

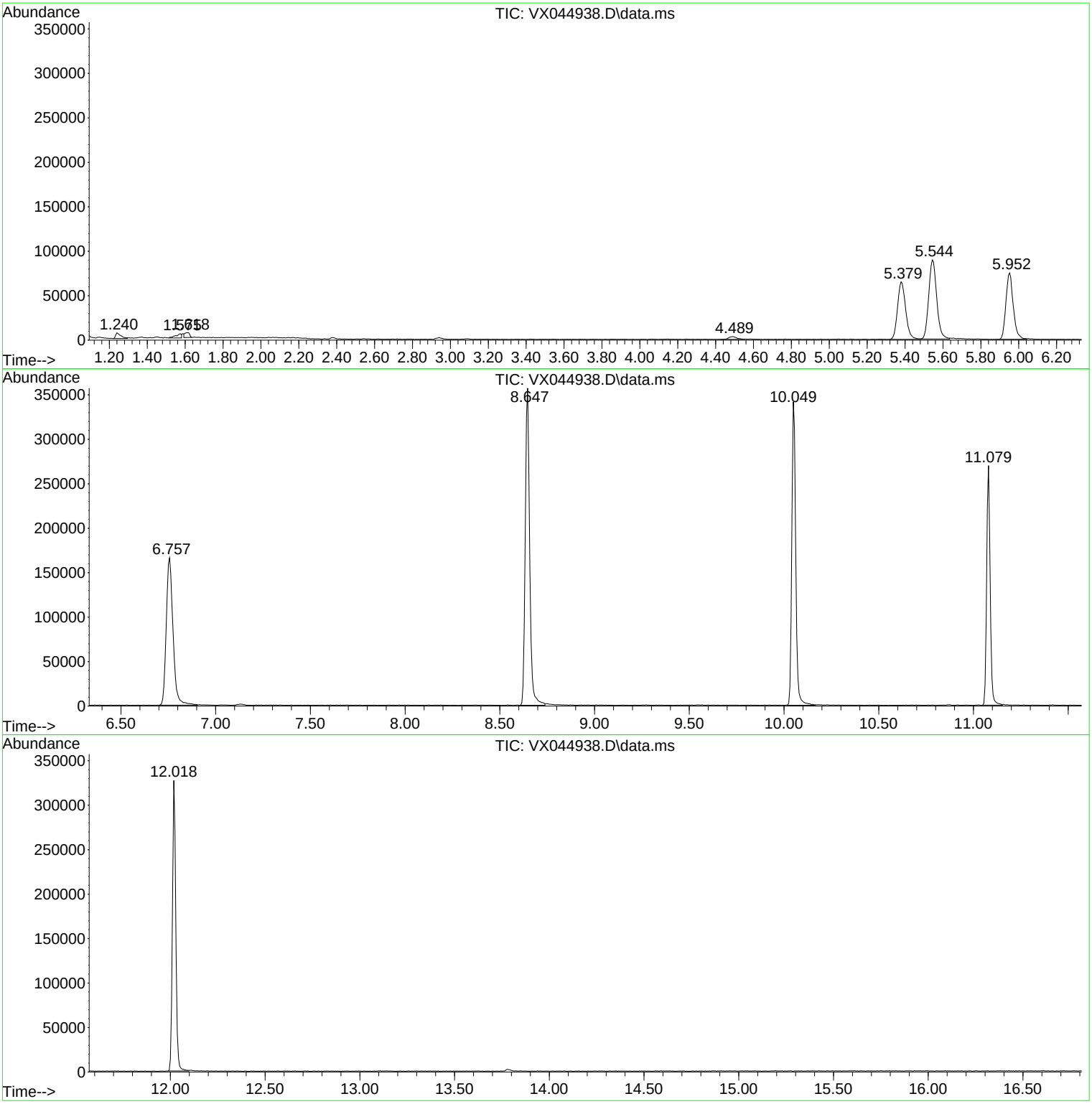
Sum of corrected areas: 2920805

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

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\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

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\VX021225\
Data File : VX044938.D
Acq On : 12 Feb 2025 17:07
Operator : JC/MD
Sample : Q1355-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Quant Time: Feb 13 00:47:17 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	96997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	194457	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	176635	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76805	54.093	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.180%			
35) Dibromofluoromethane	5.379	113	64443	50.972	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.940%			
50) Toluene-d8	8.647	98	239094	50.011	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.020%			
62) 4-Bromofluorobenzene	11.079	95	82286	51.055	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.120%			

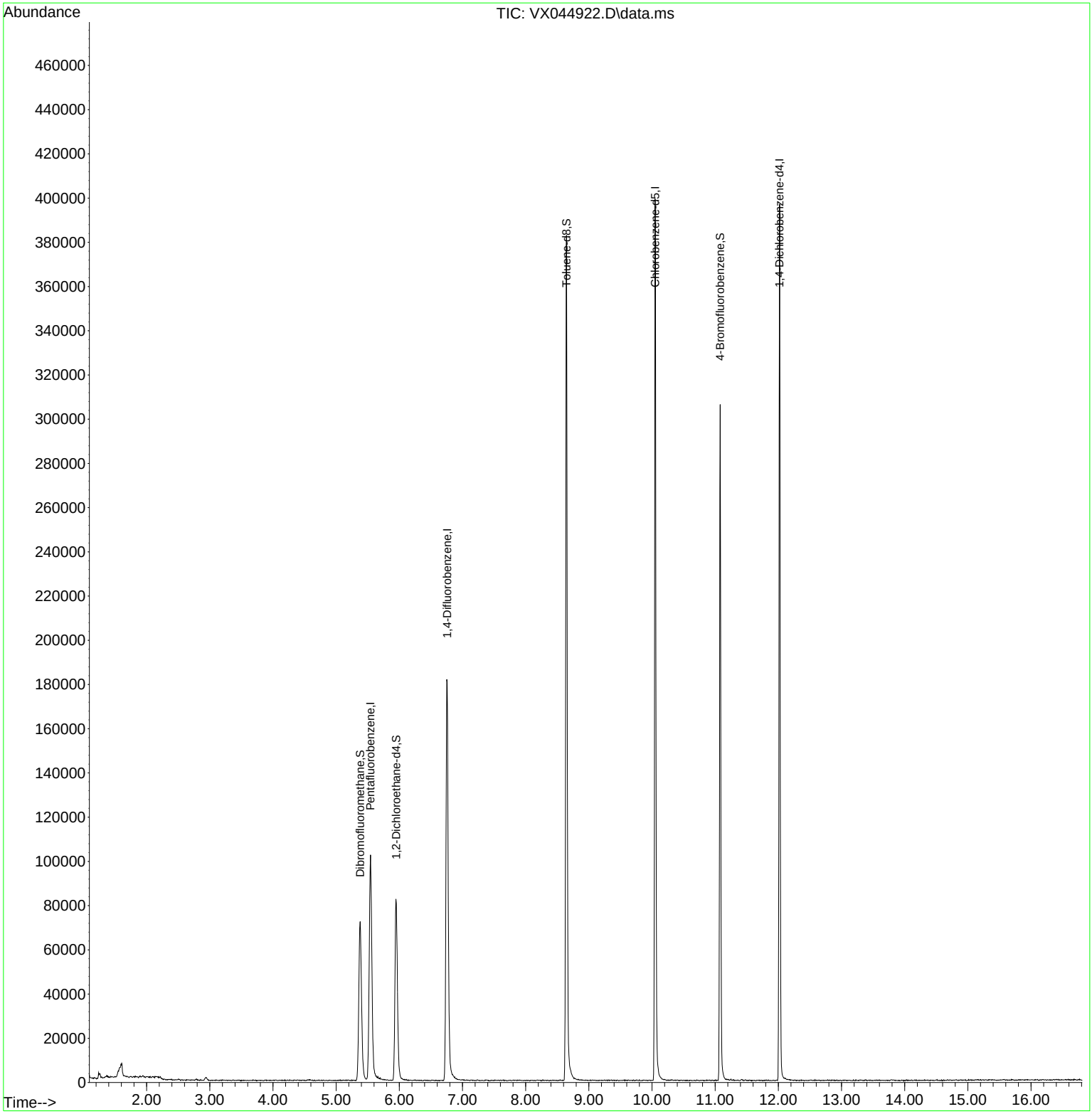
Target Compounds Qvalue

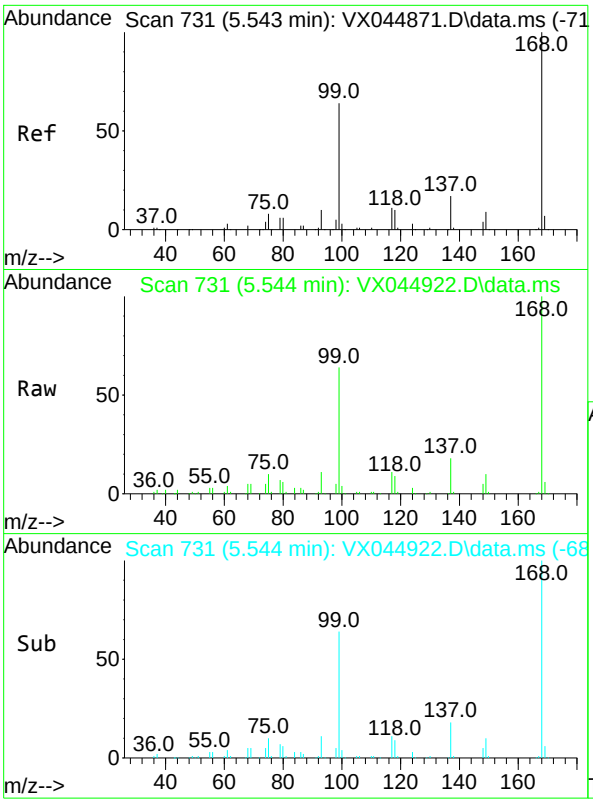
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Quant Time: Feb 13 00:47:17 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



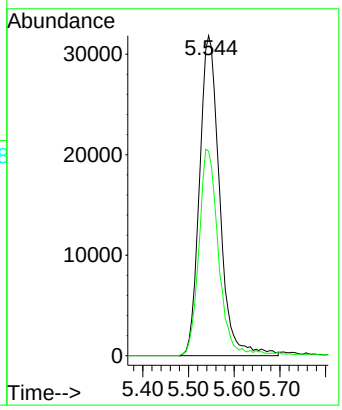


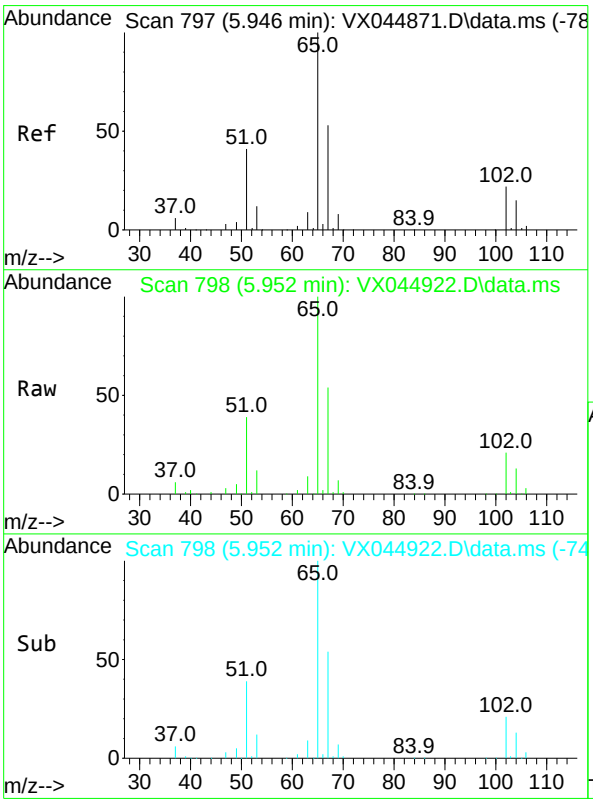
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Tgt Ion:168 Resp: 96997

Ion	Ratio	Lower	Upper
168	100		
99	63.9	51.2	76.8

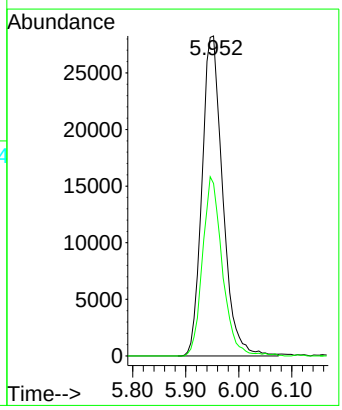


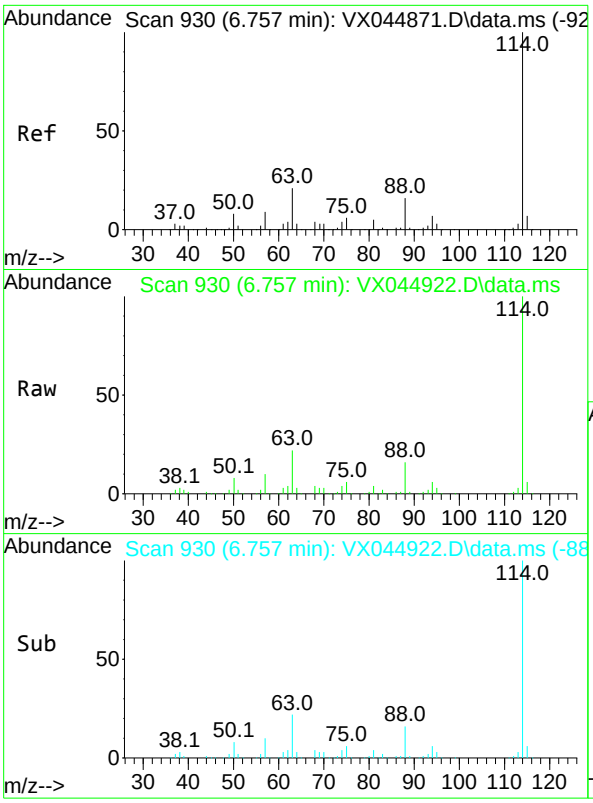


#33
1,2-Dichloroethane-d4
Concen: 54.093 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.007 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 65 Resp: 76805

Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.2



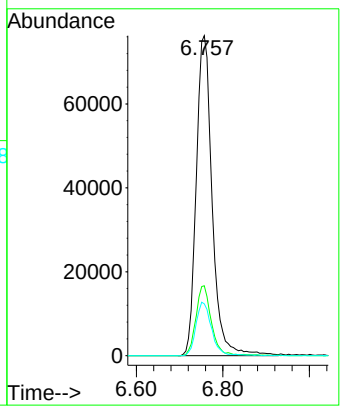


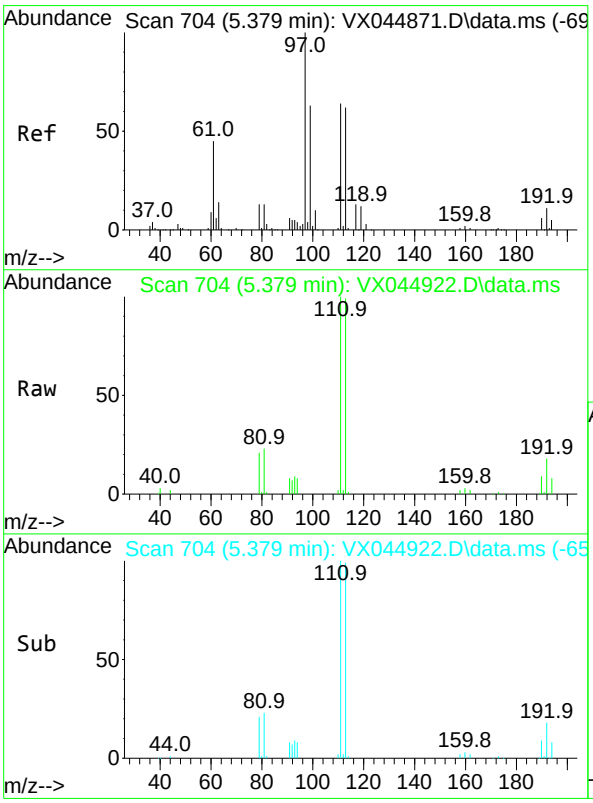
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Tgt Ion:114 Resp: 194457

Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.4
88	16.2	0.0	31.4

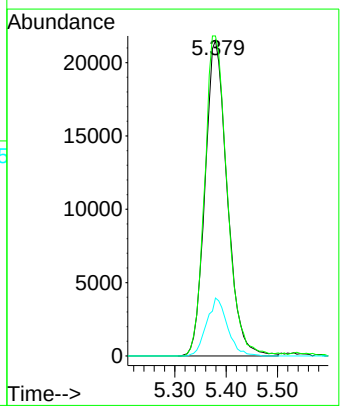




#35
Dibromofluoromethane
Concen: 50.972 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

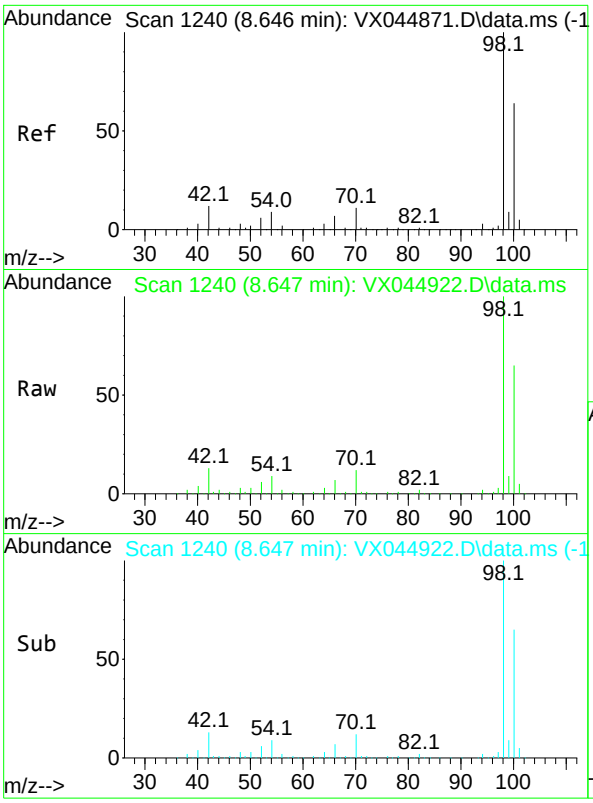
Tgt Ion:113 Resp: 64443

Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.5	125.3
192	17.2	14.4	21.6



5

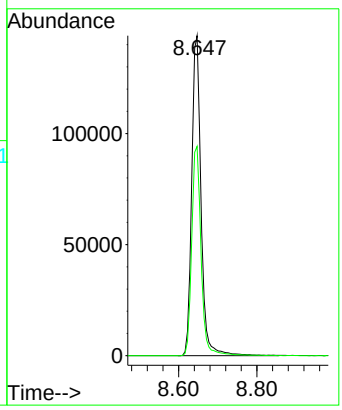
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

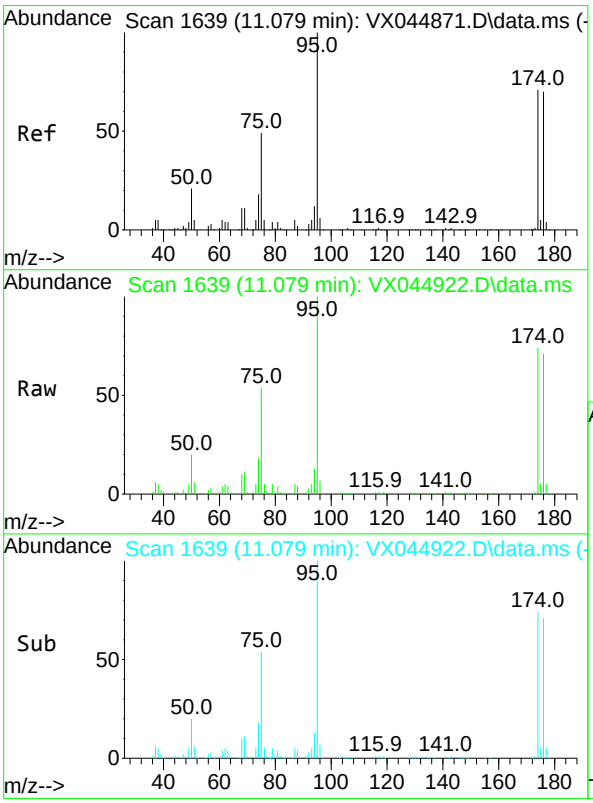


#50
Toluene-d8
Concen: 50.011 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 98 Resp: 239094

Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.7	79.1

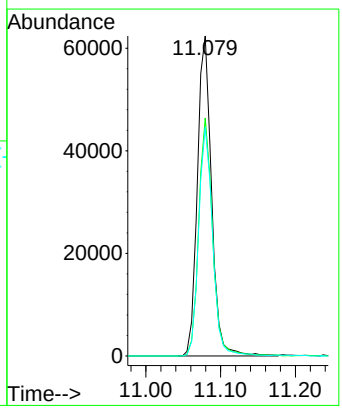


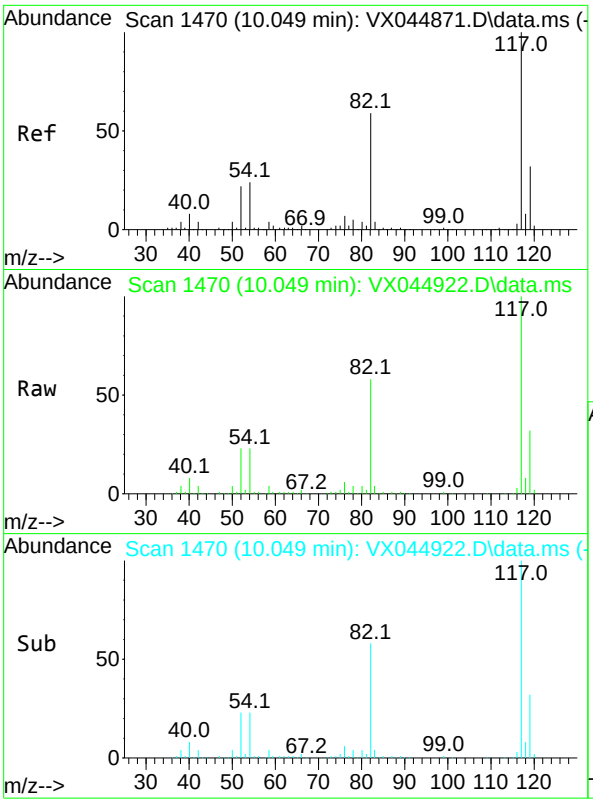


#62
4-Bromofluorobenzene
Concen: 51.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion: 95 Resp: 82286

Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	142.6
176	70.1	0.0	141.6



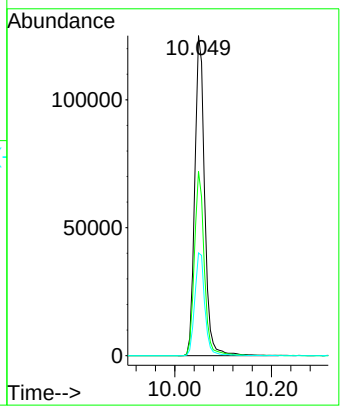


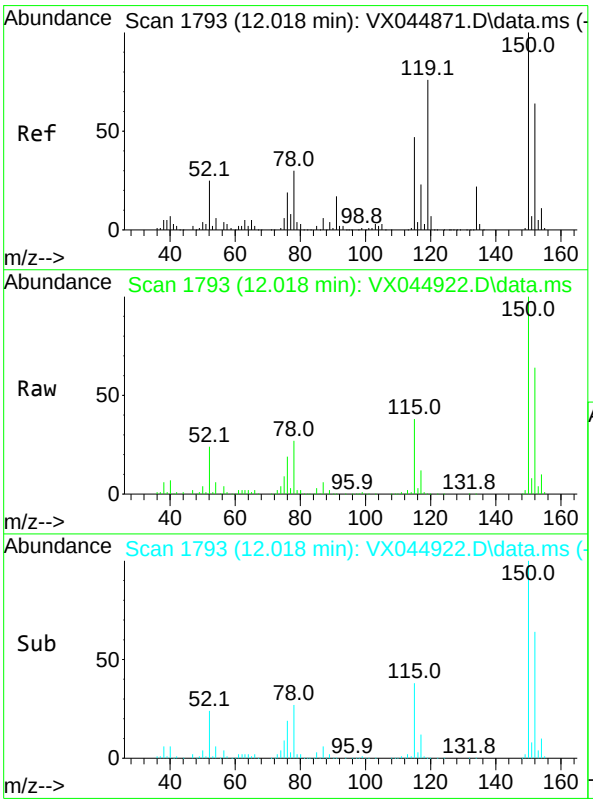
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

Tgt Ion:117 Resp: 176635

Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.5	71.3
119	32.1	25.4	38.0

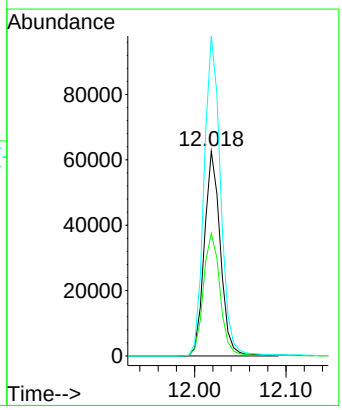




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044922.D
Acq: 12 Feb 2025 10:57

Tgt Ion:152 Resp: 76229

Ion	Ratio	Lower	Upper
152	100		
115	62.3	43.4	130.1
150	161.5	0.0	350.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

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: VX044922.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.575	71	80	81	rBV5	4129	9179	1.43%	0.278%
2	1.605	81	85	90	rVB3	5717	10571	1.65%	0.321%
3	5.379	693	704	719	rBV2	71991	214956	33.48%	6.519%
4	5.544	720	731	745	rBV2	101418	289590	45.11%	8.783%
5	5.946	789	797	816	rBV	82003	223112	34.75%	6.767%
6	6.751	921	929	949	rBV	181394	457468	71.25%	13.874%
7	8.647	1233	1240	1259	rBV	382248	642029	100.00%	19.472%
8	10.049	1465	1470	1488	rBV	398650	558142	86.93%	16.928%
9	11.079	1634	1639	1653	rBV	305686	400524	62.38%	12.147%
10	12.018	1788	1793	1804	rBV	396332	491657	76.58%	14.911%

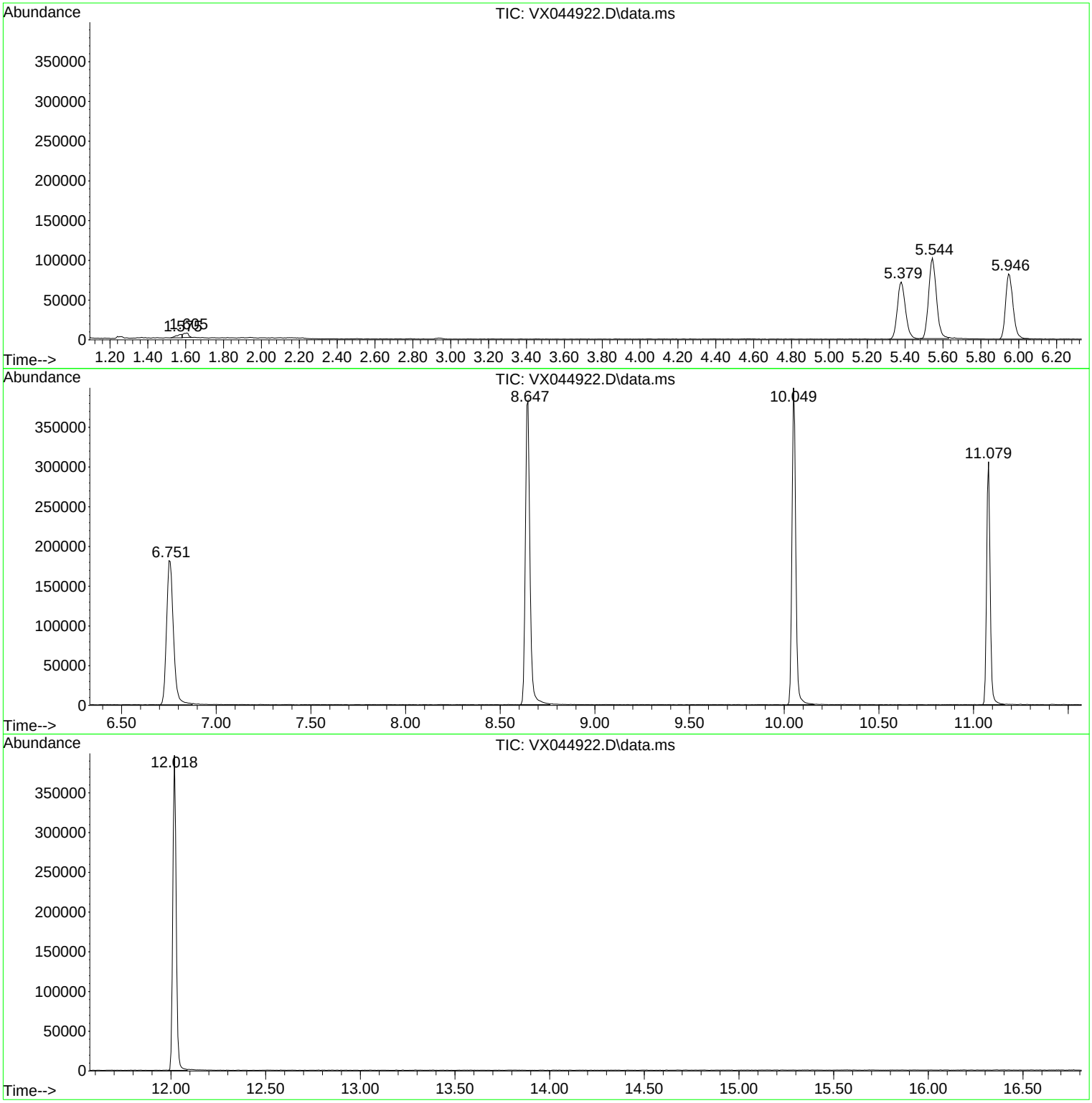
Sum of corrected areas: 3297228

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

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\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

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\VX021225\
Data File : VX044922.D
Acq On : 12 Feb 2025 10:57
Operator : JC/MD
Sample : VX0212WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBL01

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044923.D
Acq On : 12 Feb 2025 11:20
Operator : JC/MD
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 00:47:36 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 :
VX0212WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.543	168	111261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81774	50.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.420%			
35) Dibromofluoromethane	5.379	113	65583	49.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	8.647	98	247053	49.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.340%			
62) 4-Bromofluorobenzene	11.079	95	85651	50.570	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	29797	19.095	ug/l	98
3) Chloromethane	1.300	50	34997	18.427	ug/l	100
4) Vinyl Chloride	1.373	62	32596	17.716	ug/l	98
5) Bromomethane	1.593	94	11098	20.156	ug/l	96
6) Chloroethane	1.666	64	16921	21.813	ug/l	93
7) Trichlorofluoromethane	1.873	101	44002	18.911	ug/l	98
8) Diethyl Ether	2.129	74	16393	19.426	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	26558	18.891	ug/l	99
10) Methyl Iodide	2.446	142	35166	19.301	ug/l	98
11) Tert butyl alcohol	2.977	59	27915	92.390	ug/l	100
12) 1,1-Dichloroethene	2.312	96	26286	18.330	ug/l	93
13) Acrolein	2.233	56	33487	107.421	ug/l	99
14) Allyl chloride	2.660	41	47738	18.419	ug/l	98
15) Acrylonitrile	3.062	53	77467	96.028	ug/l	99
16) Acetone	2.379	43	62338	95.211	ug/l	97
17) Carbon Disulfide	2.507	76	66564	16.927	ug/l	99
18) Methyl Acetate	2.696	43	40821	19.757	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	84907	18.609	ug/l	97
20) Methylene Chloride	2.782	84	29468	18.375	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	25735	18.233	ug/l	94
22) Diisopropyl ether	3.757	45	92775	18.921	ug/l	94
23) Vinyl Acetate	3.714	43	367002	91.811	ug/l	98
24) 1,1-Dichloroethane	3.605	63	50977	18.581	ug/l	98
25) 2-Butanone	4.556	43	103185	97.054	ug/l	95
26) 2,2-Dichloropropane	4.464	77	38585	17.734	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	32165	18.972	ug/l	99
28) Bromochloromethane	4.885	49	23788	18.042	ug/l	99
29) Tetrahydrofuran	5.001	42	67521	95.643	ug/l	99
30) Chloroform	5.086	83	50826	19.103	ug/l	99
31) Cyclohexane	5.464	56	45845	18.126	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	42322	18.753	ug/l	99
36) 1,1-Dichloropropene	5.684	75	35178	18.352	ug/l	100
37) Ethyl Acetate	4.714	43	39995	18.759	ug/l	100
38) Carbon Tetrachloride	5.671	117	34481	18.357	ug/l	99
39) Methylcyclohexane	7.372	83	46566	18.791	ug/l	96
40) Benzene	6.031	78	113256	18.922	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044923.D
Acq On : 12 Feb 2025 11:20
Operator : JC/MD
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 00:47:36 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 :
VX0212WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22027	19.301	ug/l		97
42) 1,2-Dichloroethane	6.086	62	37792	19.811	ug/l		98
43) Isopropyl Acetate	6.336	43	63554	18.459	ug/l		98
44) Trichloroethene	7.122	130	24953	18.239	ug/l		100
45) 1,2-Dichloropropane	7.427	63	27612	18.543	ug/l		94
46) Dibromomethane	7.580	93	19672	19.049	ug/l		98
47) Bromodichloromethane	7.817	83	38240	19.124	ug/l		98
48) Methyl methacrylate	7.689	41	31017	19.106	ug/l		97
49) 1,4-Dioxane	7.659	88	13925	399.801	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	211899	101.236	ug/l		97
52) Toluene	8.714	92	67935	19.058	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	36346	17.962	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	40844	18.104	ug/l		99
55) 1,1,2-Trichloroethane	9.146	97	26296	19.190	ug/l		98
56) Ethyl methacrylate	9.116	69	40980	18.516	ug/l		97
57) 1,3-Dichloropropane	9.305	76	46604	19.438	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	104955	96.581	ug/l		100
59) 2-Hexanone	9.427	43	154657	102.550	ug/l		98
60) Dibromochloromethane	9.518	129	27533	18.788	ug/l		99
61) 1,2-Dibromoethane	9.604	107	26548	19.115	ug/l		96
64) Tetrachloroethene	9.268	164	21396	18.903	ug/l		98
65) Chlorobenzene	10.073	112	72694	18.857	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22294	17.968	ug/l		96
67) Ethyl Benzene	10.189	91	128430	18.879	ug/l		99
68) m/p-Xylenes	10.299	106	96088	38.291	ug/l		99
69) o-Xylene	10.640	106	47534	18.878	ug/l		100
70) Styrene	10.652	104	78288	19.298	ug/l		99
71) Bromoform	10.799	173	17535	18.936	ug/l	#	98
73) Isopropylbenzene	10.957	105	120952	18.252	ug/l		100
74) N-amyl acetate	10.841	43	55519	18.514	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	42256	18.556	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	33758m	18.500	ug/l		
77) Bromobenzene	11.195	156	28158	18.742	ug/l		97
78) n-propylbenzene	11.298	91	140438	18.361	ug/l		99
79) 2-Chlorotoluene	11.359	91	86613	18.425	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	100686	18.723	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	11525	16.247	ug/l		91
82) 4-Chlorotoluene	11.451	91	97212	18.692	ug/l		99
83) tert-Butylbenzene	11.713	119	100970	18.560	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	102485	19.309	ug/l		99
85) sec-Butylbenzene	11.890	105	126144	18.725	ug/l		100
86) p-Isopropyltoluene	12.006	119	102245	18.873	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	51423	18.612	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	52003	18.616	ug/l		99
89) n-Butylbenzene	12.329	91	89228	18.617	ug/l		99
90) Hexachloroethane	12.536	117	17270	17.025	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	52467	19.322	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7371	17.736	ug/l		100
93) 1,2,4-Trichlorobenzene	13.585	180	29489	17.948	ug/l		99
94) Hexachlorobutadiene	13.725	225	12394	19.001	ug/l		98
95) Naphthalene	13.774	128	110501	18.605	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	30930	18.682	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044923.D
Acq On : 12 Feb 2025 11:20
Operator : JC/MD
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 00:47:36 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 :
VX0212WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

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

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

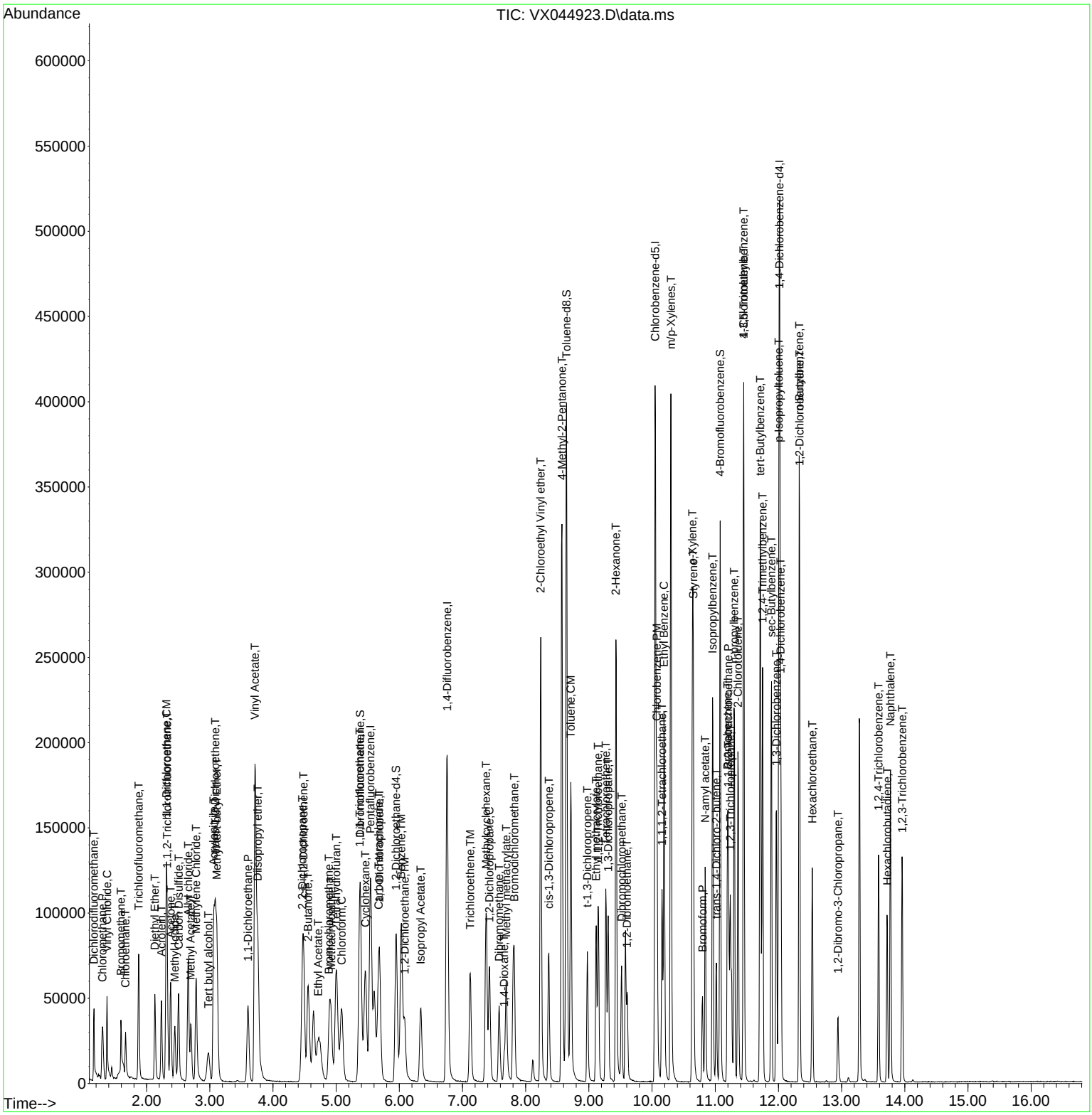
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044923.D
Acq On : 12 Feb 2025 11:20
Operator : JC/MD
Sample : VX0212WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 13 00:47:36 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 :
VX0212WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044924.D
Acq On : 12 Feb 2025 11:46
Operator : JC/MD
Sample : VX0212WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 13 00:48:29 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 :
VX0212WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	109124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	195530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	172961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	80512	50.403	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.800%			
35) Dibromofluoromethane	5.379	113	62877	49.460	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.920%			
50) Toluene-d8	8.647	98	237599	49.426	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.860%			
62) 4-Bromofluorobenzene	11.079	95	82362	50.822	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28368	18.535	ug/l	98
3) Chloromethane	1.300	50	32731	17.571	ug/l	97
4) Vinyl Chloride	1.374	62	30493	16.897	ug/l	99
5) Bromomethane	1.593	94	10500	19.444	ug/l	96
6) Chloroethane	1.666	64	16764	22.039	ug/l	96
7) Trichlorofluoromethane	1.874	101	42415	18.586	ug/l	98
8) Diethyl Ether	2.130	74	15579	18.823	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	25639	18.594	ug/l	98
10) Methyl Iodide	2.447	142	33551	18.775	ug/l	98
11) Tert butyl alcohol	2.977	59	28954	97.705	ug/l	100
12) 1,1-Dichloroethene	2.312	96	24602	17.491	ug/l	98
13) Acrolein	2.233	56	33787	110.506	ug/l	99
14) Allyl chloride	2.654	41	45724	17.988	ug/l	96
15) Acrylonitrile	3.062	53	78273	98.927	ug/l	100
16) Acetone	2.380	43	63063	98.205	ug/l	100
17) Carbon Disulfide	2.501	76	64096	16.618	ug/l	100
18) Methyl Acetate	2.703	43	40286	19.880	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	83480	18.654	ug/l	99
20) Methylene Chloride	2.782	84	29005	18.440	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	24931	18.010	ug/l	99
22) Diisopropyl ether	3.757	45	90509	18.821	ug/l	92
23) Vinyl Acetate	3.715	43	368403	93.966	ug/l	99
24) 1,1-Dichloroethane	3.605	63	50302	18.694	ug/l	99
25) 2-Butanone	4.556	43	103530	99.286	ug/l	96
26) 2,2-Dichloropropane	4.465	77	37530	17.587	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	30826	18.539	ug/l	100
28) Bromochloromethane	4.891	49	23310	18.026	ug/l	100
29) Tetrahydrofuran	5.001	42	68341	98.700	ug/l	99
30) Chloroform	5.086	83	48606	18.626	ug/l	94
31) Cyclohexane	5.458	56	44168	17.805	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	40279	18.197	ug/l	99
36) 1,1-Dichloropropene	5.684	75	33377	18.198	ug/l	100
37) Ethyl Acetate	4.708	43	39407	19.317	ug/l	100
38) Carbon Tetrachloride	5.672	117	33581	18.684	ug/l	97
39) Methylcyclohexane	7.373	83	46041	19.417	ug/l	99
40) Benzene	6.031	78	108219	18.896	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044924.D
Acq On : 12 Feb 2025 11:46
Operator : JC/MD
Sample : VX0212WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 13 00:48:29 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 :
VX0212WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	22151	20.286	ug/l		97
42) 1,2-Dichloroethane	6.080	62	36480	19.986	ug/l		98
43) Isopropyl Acetate	6.336	43	63766	19.356	ug/l		99
44) Trichloroethene	7.123	130	24516	18.728	ug/l		97
45) 1,2-Dichloropropane	7.421	63	27915	19.592	ug/l		96
46) Dibromomethane	7.580	93	19165	19.396	ug/l		98
47) Bromodichloromethane	7.818	83	36997	19.337	ug/l		98
48) Methyl methacrylate	7.690	41	31202	20.087	ug/l		97
49) 1,4-Dioxane	7.665	88	14026	420.866	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	212510	106.108	ug/l		97
52) Toluene	8.714	92	66094	19.378	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	34442	17.789	ug/l		97
54) cis-1,3-Dichloropropene	8.360	75	41592	19.267	ug/l		97
55) 1,1,2-Trichloroethane	9.147	97	26607	20.293	ug/l		97
56) Ethyl methacrylate	9.116	69	40596	19.170	ug/l		98
57) 1,3-Dichloropropane	9.305	76	46702	20.357	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	103937	99.959	ug/l		100
59) 2-Hexanone	9.427	43	153073	106.078	ug/l		97
60) Dibromochloromethane	9.518	129	26674	19.022	ug/l		99
61) 1,2-Dibromoethane	9.610	107	26006	19.569	ug/l		98
64) Tetrachloroethene	9.269	164	20728	19.003	ug/l		97
65) Chlorobenzene	10.073	112	70760	19.047	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	22330	18.675	ug/l		97
67) Ethyl Benzene	10.189	91	124767	19.032	ug/l		99
68) m/p-Xylenes	10.299	106	93995	38.868	ug/l		99
69) o-Xylene	10.640	106	47375	19.524	ug/l		99
70) Styrene	10.652	104	77185	19.743	ug/l		99
71) Bromoform	10.799	173	17281	19.365	ug/l	#	99
73) Isopropylbenzene	10.957	105	119685	18.671	ug/l		100
74) N-amyl acetate	10.841	43	53361	18.396	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	40067	18.190	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	32786m	18.575	ug/l		
77) Bromobenzene	11.195	156	27635	19.015	ug/l		96
78) n-propylbenzene	11.299	91	138789	18.758	ug/l		99
79) 2-Chlorotoluene	11.360	91	85355	18.770	ug/l		99
80) 1,3,5-Trimethylbenzene	11.445	105	100422	19.305	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	10934	15.935	ug/l		90
82) 4-Chlorotoluene	11.451	91	94450	18.774	ug/l		99
83) tert-Butylbenzene	11.713	119	99375	18.884	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	98836	19.251	ug/l		100
85) sec-Butylbenzene	11.890	105	123683	18.980	ug/l		100
86) p-Isopropyltoluene	12.006	119	101272	19.325	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	51486	19.265	ug/l		97
88) 1,4-Dichlorobenzene	12.036	146	49926	18.476	ug/l		98
89) n-Butylbenzene	12.329	91	88204	19.025	ug/l		99
90) Hexachloroethane	12.536	117	16680	16.999	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	50206	19.114	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7523	18.713	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	28292	17.801	ug/l		99
94) Hexachlorobutadiene	13.719	225	11686	18.521	ug/l		98
95) Naphthalene	13.774	128	107107	18.642	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	29556	18.455	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044924.D
Acq On : 12 Feb 2025 11:46
Operator : JC/MD
Sample : VX0212WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 13 00:48:29 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 :
VX0212WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

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

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

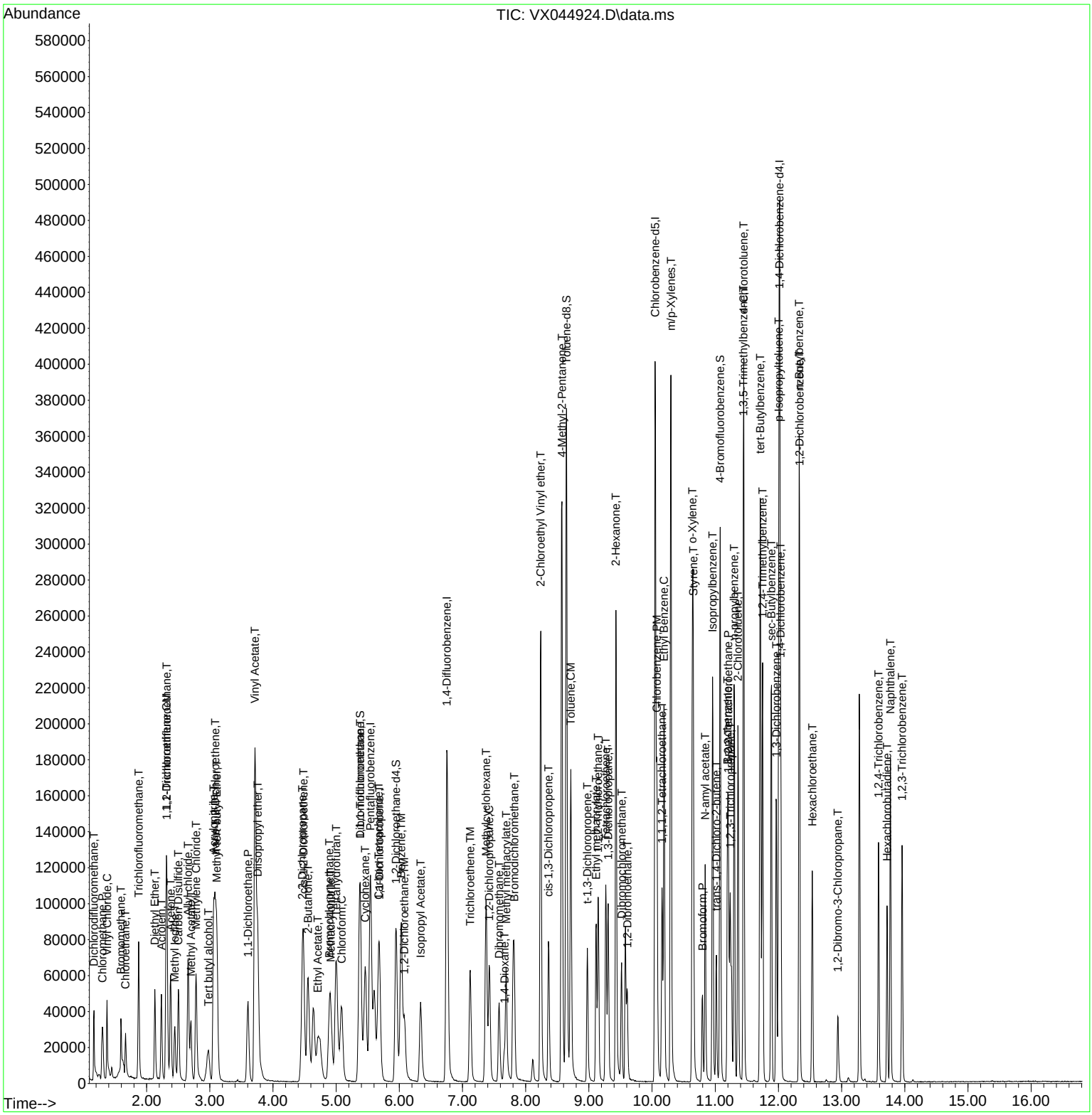
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
Data File : VX044924.D
Acq On : 12 Feb 2025 11:46
Operator : JC/MD
Sample : VX0212WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 13 00:48:29 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 :
VX0212WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



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:	VX021225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX044920.D	1,2,3-Trichloropropane	JOHN	2/14/2025 9:37:18 AM	MMDadoda	2/14/2025 11:21:59 AM	Peak Integrated by Software
VX0212WBS01	VX044923.D	1,2,3-Trichloropropane	JOHN	2/14/2025 9:37:22 AM	MMDadoda	2/14/2025 11:22:01 AM	Peak Integrated by Software
VX0212WBSD01	VX044924.D	1,2,3-Trichloropropane	JOHN	2/14/2025 9:37:26 AM	MMDadoda	2/14/2025 11:22:04 AM	Peak Integrated by Software
Q1355-01	VX044937.D	n-Butylbenzene	JOHN	2/14/2025 9:45:36 AM	MMDadoda	2/14/2025 11:22:14 AM	Peak Integrated by Software
VSTDCCC050	VX044946.D	1,2,3-Trichloropropane	JOHN	2/14/2025 9:45:41 AM	MMDadoda	2/14/2025 11:22:18 AM	Peak Integrated by Software

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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

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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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021225

Review By	John Carlone	Review On	2/14/2025 9:49:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/14/2025 11:22:27 AM		
SubDirectory	VX021225	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133001
Initial Calibration Stds	
CCC	VP133002,VP133003,VP133026,VP133027,VP133028,VP133029,VP133030,VP133032
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX044919.D	12 Feb 2025 09:39	JC/MD	Ok
2	VSTDCCC050	VX044920.D	12 Feb 2025 10:07	JC/MD	Ok,M
3	VX0212MBL01	VX044921.D	12 Feb 2025 10:34	JC/MD	Ok
4	VX0212WBL01	VX044922.D	12 Feb 2025 10:57	JC/MD	Ok
5	VX0212WBS01	VX044923.D	12 Feb 2025 11:20	JC/MD	Ok,M
6	VX0212WBSD01	VX044924.D	12 Feb 2025 11:46	JC/MD	Ok,M
7	Q1347-03	VX044925.D	12 Feb 2025 12:09	JC/MD	Ok
8	Q1347-01	VX044926.D	12 Feb 2025 12:32	JC/MD	Ok
9	Q1347-02	VX044927.D	12 Feb 2025 12:55	JC/MD	Ok
10	Q1347-04	VX044928.D	12 Feb 2025 13:17	JC/MD	Ok
11	Q1347-05	VX044929.D	12 Feb 2025 13:40	JC/MD	Ok
12	Q1347-06	VX044930.D	12 Feb 2025 14:03	JC/MD	Ok
13	Q1168-07 0.2PPB	VX044931.D	12 Feb 2025 14:26	JC/MD	Ok,M
14	Q1168-07 0.5PPB	VX044932.D	12 Feb 2025 14:49	JC/MD	Ok,M
15	Q1168-07 0.75PPB	VX044933.D	12 Feb 2025 15:12	JC/MD	Ok,M
16	Q1168-07 2.5PPB	VX044934.D	12 Feb 2025 15:35	JC/MD	Ok,M
17	Q1168-08 1.0PPB	VX044935.D	12 Feb 2025 15:58	JC/MD	Ok,M
18	Q1168-08 5.0PPB	VX044936.D	12 Feb 2025 16:21	JC/MD	Ok,M
19	Q1355-01	VX044937.D	12 Feb 2025 16:44	JC/MD	Ok,M
20	Q1355-02	VX044938.D	12 Feb 2025 17:07	JC/MD	Ok
21	PB166691TB	VX044939.D	12 Feb 2025 17:30	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021225

Review By	John Carlone	Review On	2/14/2025 9:49:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/14/2025 11:22:27 AM		
SubDirectory	VX021225	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133001
Initial Calibration Stds	
CCC	VP133002,VP133003,VP133026,VP133027,VP133028,VP133029,VP133030,VP133032
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1356-09	VX044940.D	12 Feb 2025 17:53	JC/MD	Ok
23	Q1356-04	VX044941.D	12 Feb 2025 18:16	JC/MD	Ok
24	Q1356-05	VX044942.D	12 Feb 2025 18:39	JC/MD	Ok
25	Q1356-06	VX044943.D	12 Feb 2025 19:02	JC/MD	Ok
26	Q1356-07	VX044944.D	12 Feb 2025 19:25	JC/MD	Ok
27	Q1356-08	VX044945.D	12 Feb 2025 19:48	JC/MD	Ok
28	VSTDCCC050	VX044946.D	12 Feb 2025 20:11	JC/MD	Ok,M

M : Manual Integration

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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

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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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021225

Review By	John Carlone	Review On	2/14/2025 9:49:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/14/2025 11:22:27 AM		
SubDirectory	VX021225	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133001
Initial Calibration Stds	
CCC	VP133002,VP133003,VP133026,VP133027,VP133028,VP133029,VP133030,VP133032
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	VX044919.D	12 Feb 2025 09:39		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX044920.D	12 Feb 2025 10:07	V13516	JC/MD	Ok,M
3	VX0212MBL01	VX0212MBL01	VX044921.D	12 Feb 2025 10:34		JC/MD	Ok
4	VX0212WBL01	VX0212WBL01	VX044922.D	12 Feb 2025 10:57		JC/MD	Ok
5	VX0212WBS01	VX0212WBS01	VX044923.D	12 Feb 2025 11:20		JC/MD	Ok,M
6	VX0212WBSD01	VX0212WBSD01	VX044924.D	12 Feb 2025 11:46		JC/MD	Ok,M
7	Q1347-03	BP-VPB-192-GW-710-7	VX044925.D	12 Feb 2025 12:09	vial A pH<2	JC/MD	Ok
8	Q1347-01	BP-VPB-192-EB-20250	VX044926.D	12 Feb 2025 12:32	vial A pH<2 EB;Hit of comp.#16	JC/MD	Ok
9	Q1347-02	BP-VPB-192-TB-20250	VX044927.D	12 Feb 2025 12:55	vial A pH<2 TB	JC/MD	Ok
10	Q1347-04	BP-VPB-192-GW-640-6	VX044928.D	12 Feb 2025 13:17	vial A pH<2	JC/MD	Ok
11	Q1347-05	BP-VPB-192-GW-660-6	VX044929.D	12 Feb 2025 13:40	vial A+B pH<2	JC/MD	Ok
12	Q1347-06	BP-VPB-192-GW-680-6	VX044930.D	12 Feb 2025 14:03	vial A+B pH<2	JC/MD	Ok
13	Q1168-07 0.2PPB	LOD-MDL-WATER-01-(	VX044931.D	12 Feb 2025 14:26		JC/MD	Ok,M
14	Q1168-07 0.5PPB	LOD-MDL-WATER-01-(	VX044932.D	12 Feb 2025 14:49		JC/MD	Ok,M
15	Q1168-07 0.75PPB	LOD-MDL-WATER-01-(	VX044933.D	12 Feb 2025 15:12		JC/MD	Ok,M
16	Q1168-07 2.5PPB	LOD-MDL-WATER-01-(	VX044934.D	12 Feb 2025 15:35		JC/MD	Ok,M
17	Q1168-08 1.0PPB	LOQ-WATER-02-QT1-2	VX044935.D	12 Feb 2025 15:58		JC/MD	Ok,M
18	Q1168-08 5.0PPB	LOQ-WATER-02-QT1-2	VX044936.D	12 Feb 2025 16:21		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX021225

Review By	John Carlone	Review On	2/14/2025 9:49:05 AM		
Supervise By	Mahesh Dadoda	Supervise On	2/14/2025 11:22:27 AM		
SubDirectory	VX021225	HP Acquire Method		HP Processing Method	82X021025W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133001
Initial Calibration Stds	
CCC	VP133002,VP133003,VP133026,VP133027,VP133028,VP133029,VP133030,VP133032
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1355-01	RW1	VX044937.D	12 Feb 2025 16:44	vial A pH<2	JC/MD	Ok,M
20	Q1355-02	MW2	VX044938.D	12 Feb 2025 17:07	vial A pH<2	JC/MD	Ok
21	PB166691TB	PB166691TB	VX044939.D	12 Feb 2025 17:30		JC/MD	Ok
22	Q1356-09	SOIL-FB	VX044940.D	12 Feb 2025 17:53	vial A pH#5.0 FB	JC/MD	Ok
23	Q1356-04	CARBON-WATER	VX044941.D	12 Feb 2025 18:16	vial A pH#5.0	JC/MD	Ok
24	Q1356-05	CARBON-FB	VX044942.D	12 Feb 2025 18:39	vial A pH#5.0 FB	JC/MD	Ok
25	Q1356-06	WATER-A	VX044943.D	12 Feb 2025 19:02	vial A pH#5.0	JC/MD	Ok
26	Q1356-07	WATER-B	VX044944.D	12 Feb 2025 19:25	vial A pH#5.0	JC/MD	Ok
27	Q1356-08	WATER-FB	VX044945.D	12 Feb 2025 19:48	vial A pH#5.0 FB	JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX044946.D	12 Feb 2025 20:11		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1355	**OrderDate:**	2/11/2025 1:38:32 PM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	N41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1355-01	**RW1**	**Water**			**02/11/25**			**02/11/25**
			VOCMS Group1	8260-Low			02/12/25	
Q1355-02	**MW2**	**Water**			**02/11/25**			**02/11/25**
			VOCMS Group1	8260-Low			02/12/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1355 **Order ID:** Q1355

Client: G Environmental **Project ID:** Amsterdam

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : RW1								
Q1355-01	RW1	Water	Aluminum	605		28.3	50.0	ug/L
Q1355-01	RW1	Water	Antimony	3.88	J	2.06	25.0	ug/L
Q1355-01	RW1	Water	Arsenic	252		3.48	10.0	ug/L
Q1355-01	RW1	Water	Barium	333		6.28	50.0	ug/L
Q1355-01	RW1	Water	Beryllium	0.74	J	0.13	3.00	ug/L
Q1355-01	RW1	Water	Cadmium	2.01	J	0.094	3.00	ug/L
Q1355-01	RW1	Water	Calcium	100000		33.0	1000	ug/L
Q1355-01	RW1	Water	Chromium	41.8		0.66	5.00	ug/L
Q1355-01	RW1	Water	Cobalt	0.64	J	0.50	15.0	ug/L
Q1355-01	RW1	Water	Copper	38.9		7.07	10.0	ug/L
Q1355-01	RW1	Water	Iron	29600		18.5	50.0	ug/L
Q1355-01	RW1	Water	Lead	18.7		3.51	6.00	ug/L
Q1355-01	RW1	Water	Magnesium	12000		39.4	1000	ug/L
Q1355-01	RW1	Water	Manganese	333		1.46	10.0	ug/L
Q1355-01	RW1	Water	Mercury	2.57		0.081	0.20	ug/L
Q1355-01	RW1	Water	Nickel	6.90	J	0.85	20.0	ug/L
Q1355-01	RW1	Water	Potassium	16000		685	1000	ug/L
Q1355-01	RW1	Water	Sodium	81600		237	1000	ug/L
Q1355-01	RW1	Water	Vanadium	7.53	J	3.06	20.0	ug/L
Q1355-01	RW1	Water	Zinc	112		1.75	20.0	ug/L
Client ID : MW2								
Q1355-02	MW2	Water	Aluminum	39200		28.3	50.0	ug/L
Q1355-02	MW2	Water	Arsenic	42.0		3.48	10.0	ug/L
Q1355-02	MW2	Water	Barium	961		6.28	50.0	ug/L
Q1355-02	MW2	Water	Beryllium	2.83	J	0.13	3.00	ug/L
Q1355-02	MW2	Water	Cadmium	5.34		0.094	3.00	ug/L
Q1355-02	MW2	Water	Calcium	124000		33.0	1000	ug/L
Q1355-02	MW2	Water	Chromium	67.4		0.66	5.00	ug/L
Q1355-02	MW2	Water	Cobalt	43.0		0.50	15.0	ug/L
Q1355-02	MW2	Water	Copper	56.4		7.07	10.0	ug/L
Q1355-02	MW2	Water	Iron	60900		18.5	50.0	ug/L
Q1355-02	MW2	Water	Lead	70.1		3.51	6.00	ug/L
Q1355-02	MW2	Water	Magnesium	19900		39.4	1000	ug/L
Q1355-02	MW2	Water	Manganese	4380		1.46	10.0	ug/L
Q1355-02	MW2	Water	Mercury	0.81		0.081	0.20	ug/L
Q1355-02	MW2	Water	Nickel	60.1		0.85	20.0	ug/L
Q1355-02	MW2	Water	Potassium	16200		685	1000	ug/L

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Hit Summary Sheet
SW-846

SDG No.: Q1355 **Order ID:** Q1355

Client: G Environmental **Project ID:** Amsterdam

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1355-02	MW2	Water	Sodium	23800		237	1000	ug/L
Q1355-02	MW2	Water	Vanadium	114		3.06	20.0	ug/L
Q1355-02	MW2	Water	Zinc	211		1.75	20.0	ug/L

SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	RW1	SDG No.:	Q1355
Lab Sample ID:	Q1355-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	605	N*	1	28.3	50.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-36-0	Antimony	3.88	J	1	2.06	25.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-38-2	Arsenic	252		1	3.48	10.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-39-3	Barium	333		1	6.28	50.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-41-7	Beryllium	0.74	J	1	0.13	3.00	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-43-9	Cadmium	2.01	J	1	0.094	3.00	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-70-2	Calcium	100000		1	33.0	1000	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-47-3	Chromium	41.8		1	0.66	5.00	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-48-4	Cobalt	0.64	J	1	0.50	15.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-50-8	Copper	38.9		1	7.07	10.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7439-89-6	Iron	29600	N	1	18.5	50.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7439-92-1	Lead	18.7		1	3.51	6.00	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7439-95-4	Magnesium	12000		1	39.4	1000	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7439-96-5	Manganese	333		1	1.46	10.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7439-97-6	Mercury	2.57		1	0.081	0.20	ug/L	02/12/25 12:25	02/12/25 15:31	SW7470A	
7440-02-0	Nickel	6.90	J	1	0.85	20.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-09-7	Potassium	16000		1	685	1000	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-23-5	Sodium	81600		1	237	1000	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-62-2	Vanadium	7.53	J	1	3.06	20.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010
7440-66-6	Zinc	112		1	1.75	20.0	ug/L	02/12/25 09:30	02/13/25 14:01	SW6010	SW3010

Color Before:	Light yellow	Clarity Before:	Clear	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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

Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	MW2	SDG No.:	Q1355
Lab Sample ID:	Q1355-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	39200	N*	1	28.3	50.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-38-2	Arsenic	42.0		1	3.48	10.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-39-3	Barium	961		1	6.28	50.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-41-7	Beryllium	2.83	J	1	0.13	3.00	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-43-9	Cadmium	5.34		1	0.094	3.00	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-70-2	Calcium	124000		1	33.0	1000	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-47-3	Chromium	67.4		1	0.66	5.00	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-48-4	Cobalt	43.0		1	0.50	15.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-50-8	Copper	56.4		1	7.07	10.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7439-89-6	Iron	60900	N	1	18.5	50.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7439-92-1	Lead	70.1		1	3.51	6.00	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7439-95-4	Magnesium	19900		1	39.4	1000	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7439-96-5	Manganese	4380		1	1.46	10.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7439-97-6	Mercury	0.81		1	0.081	0.20	ug/L	02/12/25 12:25	02/12/25 15:33	SW7470A	
7440-02-0	Nickel	60.1		1	0.85	20.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-09-7	Potassium	16200		1	685	1000	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-23-5	Sodium	23800		1	237	1000	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-62-2	Vanadium	114		1	3.06	20.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010
7440-66-6	Zinc	211		1	1.75	20.0	ug/L	02/12/25 09:30	02/13/25 14:06	SW6010	SW3010

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	Yellow	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB02	Mercury	0.20	+/-0.20	U	0.20	CV	02/12/2025	14:06	LB134685

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB63	Mercury	0.20	+/-0.20	U	0.20	CV	02/12/2025	14:14	LB134685
CCB64	Mercury	0.20	+/-0.20	U	0.20	CV	02/12/2025	14:46	LB134685
CCB65	Mercury	0.20	+/-0.20	U	0.20	CV	02/12/2025	15:22	LB134685
CCB66	Mercury	0.20	+/-0.20	U	0.20	CV	02/12/2025	15:52	LB134685

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	100	+/-100	U	100	P	02/13/2025	12:50	LB134709
	Antimony	50.0	+/-50.0	U	50.0	P	02/13/2025	12:50	LB134709
	Arsenic	20.0	+/-20.0	U	20.0	P	02/13/2025	12:50	LB134709
	Barium	100	+/-100	U	100	P	02/13/2025	12:50	LB134709
	Beryllium	6.00	+/-6.00	U	6.00	P	02/13/2025	12:50	LB134709
	Cadmium	6.00	+/-6.00	U	6.00	P	02/13/2025	12:50	LB134709
	Calcium	2000	+/-2000	U	2000	P	02/13/2025	12:50	LB134709
	Chromium	10.0	+/-10.0	U	10.0	P	02/13/2025	12:50	LB134709
	Cobalt	30.0	+/-30.0	U	30.0	P	02/13/2025	12:50	LB134709
	Copper	20.0	+/-20.0	U	20.0	P	02/13/2025	12:50	LB134709
	Iron	100	+/-100	U	100	P	02/13/2025	12:50	LB134709
	Lead	12.0	+/-12.0	U	12.0	P	02/13/2025	12:50	LB134709
	Magnesium	2000	+/-2000	U	2000	P	02/13/2025	12:50	LB134709
	Manganese	20.0	+/-20.0	U	20.0	P	02/13/2025	12:50	LB134709
	Nickel	40.0	+/-40.0	U	40.0	P	02/13/2025	12:50	LB134709
	Potassium	2000	+/-2000	U	2000	P	02/13/2025	12:50	LB134709
	Selenium	20.0	+/-20.0	U	20.0	P	02/13/2025	12:50	LB134709
	Silver	10.0	+/-10.0	U	10.0	P	02/13/2025	12:50	LB134709
	Sodium	2000	+/-2000	U	2000	P	02/13/2025	12:50	LB134709
	Thallium	40.0	+/-40.0	U	40.0	P	02/13/2025	12:50	LB134709
	Vanadium	40.0	+/-40.0	U	40.0	P	02/13/2025	12:50	LB134709
	Zinc	40.0	+/-40.0	U	40.0	P	02/13/2025	12:50	LB134709

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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	100	+/-100	U	100	P	02/13/2025	13:27	LB134709
	Antimony	50.0	+/-50.0	U	50.0	P	02/13/2025	13:27	LB134709
	Arsenic	20.0	+/-20.0	U	20.0	P	02/13/2025	13:27	LB134709
	Barium	100	+/-100	U	100	P	02/13/2025	13:27	LB134709
	Beryllium	6.00	+/-6.00	U	6.00	P	02/13/2025	13:27	LB134709
	Cadmium	6.00	+/-6.00	U	6.00	P	02/13/2025	13:27	LB134709
	Calcium	2000	+/-2000	U	2000	P	02/13/2025	13:27	LB134709
	Chromium	10.0	+/-10.0	U	10.0	P	02/13/2025	13:27	LB134709
	Cobalt	30.0	+/-30.0	U	30.0	P	02/13/2025	13:27	LB134709
	Copper	20.0	+/-20.0	U	20.0	P	02/13/2025	13:27	LB134709
	Iron	100	+/-100	U	100	P	02/13/2025	13:27	LB134709
	Lead	12.0	+/-12.0	U	12.0	P	02/13/2025	13:27	LB134709
	Magnesium	2000	+/-2000	U	2000	P	02/13/2025	13:27	LB134709
	Manganese	20.0	+/-20.0	U	20.0	P	02/13/2025	13:27	LB134709
	Nickel	40.0	+/-40.0	U	40.0	P	02/13/2025	13:27	LB134709
	Potassium	2000	+/-2000	U	2000	P	02/13/2025	13:27	LB134709
	Selenium	20.0	+/-20.0	U	20.0	P	02/13/2025	13:27	LB134709
	Silver	10.0	+/-10.0	U	10.0	P	02/13/2025	13:27	LB134709
	Sodium	2000	+/-2000	U	2000	P	02/13/2025	13:27	LB134709
	Thallium	40.0	+/-40.0	U	40.0	P	02/13/2025	13:27	LB134709
	Vanadium	40.0	+/-40.0	U	40.0	P	02/13/2025	13:27	LB134709
	Zinc	40.0	+/-40.0	U	40.0	P	02/13/2025	13:27	LB134709
CCB02	Aluminum	100	+/-100	U	100	P	02/13/2025	14:29	LB134709
	Antimony	50.0	+/-50.0	U	50.0	P	02/13/2025	14:29	LB134709
	Arsenic	20.0	+/-20.0	U	20.0	P	02/13/2025	14:29	LB134709
	Barium	100	+/-100	U	100	P	02/13/2025	14:29	LB134709
	Beryllium	6.00	+/-6.00	U	6.00	P	02/13/2025	14:29	LB134709
	Cadmium	6.00	+/-6.00	U	6.00	P	02/13/2025	14:29	LB134709
	Calcium	2000	+/-2000	U	2000	P	02/13/2025	14:29	LB134709
	Chromium	10.0	+/-10.0	U	10.0	P	02/13/2025	14:29	LB134709
	Cobalt	30.0	+/-30.0	U	30.0	P	02/13/2025	14:29	LB134709
	Copper	20.0	+/-20.0	U	20.0	P	02/13/2025	14:29	LB134709
	Iron	100	+/-100	U	100	P	02/13/2025	14:29	LB134709
	Lead	12.0	+/-12.0	U	12.0	P	02/13/2025	14:29	LB134709
	Magnesium	2000	+/-2000	U	2000	P	02/13/2025	14:29	LB134709
	Manganese	20.0	+/-20.0	U	20.0	P	02/13/2025	14:29	LB134709
	Nickel	40.0	+/-40.0	U	40.0	P	02/13/2025	14:29	LB134709
	Potassium	2000	+/-2000	U	2000	P	02/13/2025	14:29	LB134709
	Selenium	20.0	+/-20.0	U	20.0	P	02/13/2025	14:29	LB134709

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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	10.0	+/-10.0	U	10.0	P	02/13/2025	14:29	LB134709
	Sodium	2000	+/-2000	U	2000	P	02/13/2025	14:29	LB134709
	Thallium	40.0	+/-40.0	U	40.0	P	02/13/2025	14:29	LB134709
	Vanadium	40.0	+/-40.0	U	40.0	P	02/13/2025	14:29	LB134709
	Zinc	40.0	+/-40.0	U	40.0	P	02/13/2025	14:29	LB134709
CCB03	Aluminum	100	+/-100	U	100	P	02/13/2025	14:51	LB134709
	Antimony	50.0	+/-50.0	U	50.0	P	02/13/2025	14:51	LB134709
	Arsenic	20.0	+/-20.0	U	20.0	P	02/13/2025	14:51	LB134709
	Barium	100	+/-100	U	100	P	02/13/2025	14:51	LB134709
	Beryllium	6.00	+/-6.00	U	6.00	P	02/13/2025	14:51	LB134709
	Cadmium	6.00	+/-6.00	U	6.00	P	02/13/2025	14:51	LB134709
	Calcium	2000	+/-2000	U	2000	P	02/13/2025	14:51	LB134709
	Chromium	10.0	+/-10.0	U	10.0	P	02/13/2025	14:51	LB134709
	Cobalt	30.0	+/-30.0	U	30.0	P	02/13/2025	14:51	LB134709
	Copper	20.0	+/-20.0	U	20.0	P	02/13/2025	14:51	LB134709
	Iron	100	+/-100	U	100	P	02/13/2025	14:51	LB134709
	Lead	12.0	+/-12.0	U	12.0	P	02/13/2025	14:51	LB134709
	Magnesium	2000	+/-2000	U	2000	P	02/13/2025	14:51	LB134709
	Manganese	20.0	+/-20.0	U	20.0	P	02/13/2025	14:51	LB134709
	Nickel	40.0	+/-40.0	U	40.0	P	02/13/2025	14:51	LB134709
	Potassium	2000	+/-2000	U	2000	P	02/13/2025	14:51	LB134709
	Selenium	20.0	+/-20.0	U	20.0	P	02/13/2025	14:51	LB134709
	Silver	10.0	+/-10.0	U	10.0	P	02/13/2025	14:51	LB134709
	Sodium	2000	+/-2000	U	2000	P	02/13/2025	14:51	LB134709
	Thallium	40.0	+/-40.0	U	40.0	P	02/13/2025	14:51	LB134709
	Vanadium	40.0	+/-40.0	U	40.0	P	02/13/2025	14:51	LB134709
	Zinc	40.0	+/-40.0	U	40.0	P	02/13/2025	14:51	LB134709

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Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number

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Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1355

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166706BL		**WATER**		**Batch Number:**	**PB166706**		**Prep Date:**	**02/12/2025**	
	Mercury	0.20	<0.20	U	0.20	CV	02/12/2025	15:02	LB134685

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Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1355

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB166694BL		**WATER**		**Batch Number:**	**PB166694**		**Prep Date:**	**02/12/2025**	
	Aluminum	50.0	<50.0	U	50.0	P	02/13/2025	14:20	LB134709
	Antimony	25.0	<25.0	U	25.0	P	02/13/2025	14:20	LB134709
	Arsenic	10.0	<10.0	U	10.0	P	02/13/2025	14:20	LB134709
	Barium	50.0	<50.0	U	50.0	P	02/13/2025	14:20	LB134709
	Beryllium	3.00	<3.00	U	3.00	P	02/13/2025	14:20	LB134709
	Cadmium	3.00	<3.00	U	3.00	P	02/13/2025	14:20	LB134709
	Calcium	1000	<1000	U	1000	P	02/13/2025	14:20	LB134709
	Chromium	5.00	<5.00	U	5.00	P	02/13/2025	14:20	LB134709
	Cobalt	15.0	<15.0	U	15.0	P	02/13/2025	14:20	LB134709
	Copper	10.0	<10.0	U	10.0	P	02/13/2025	14:20	LB134709
	Iron	50.0	<50.0	U	50.0	P	02/13/2025	14:20	LB134709
	Lead	6.00	<6.00	U	6.00	P	02/13/2025	14:20	LB134709
	Magnesium	1000	<1000	U	1000	P	02/13/2025	14:20	LB134709
	Manganese	3.24	<10.0	J	10.0	P	02/13/2025	14:20	LB134709
	Nickel	20.0	<20.0	U	20.0	P	02/13/2025	14:20	LB134709
	Potassium	1000	<1000	U	1000	P	02/13/2025	14:20	LB134709
	Selenium	10.0	<10.0	U	10.0	P	02/13/2025	14:20	LB134709
	Silver	5.00	<5.00	U	5.00	P	02/13/2025	14:20	LB134709
	Sodium	1000	<1000	U	1000	P	02/13/2025	14:20	LB134709
	Thallium	20.0	<20.0	U	20.0	P	02/13/2025	14:20	LB134709
	Vanadium	20.0	<20.0	U	20.0	P	02/13/2025	14:20	LB134709
	Zinc	20.0	<20.0	U	20.0	P	02/13/2025	14:20	LB134709

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV02	Mercury	3.65	4.0	91	90 - 110	CV	02/12/2025	14:04	LB134685

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV63	Mercury	4.96	5.0	99	90 - 110	CV	02/12/2025	14:11	LB134685
CCV64	Mercury	4.61	5.0	92	90 - 110	CV	02/12/2025	14:44	LB134685
CCV65	Mercury	5.24	5.0	105	90 - 110	CV	02/12/2025	15:19	LB134685
CCV66	Mercury	5.18	5.0	104	90 - 110	CV	02/12/2025	15:50	LB134685

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- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2360	2500	94	90 - 110	P	02/13/2025	12:17	LB134709
	Antimony	993	1000	99	90 - 110	P	02/13/2025	12:17	LB134709
	Arsenic	957	1000	96	90 - 110	P	02/13/2025	12:17	LB134709
	Barium	556	520	107	90 - 110	P	02/13/2025	12:17	LB134709
	Beryllium	488	510	96	90 - 110	P	02/13/2025	12:17	LB134709
	Cadmium	488	510	96	90 - 110	P	02/13/2025	12:17	LB134709
	Calcium	9460	10000	95	90 - 110	P	02/13/2025	12:17	LB134709
	Chromium	525	520	101	90 - 110	P	02/13/2025	12:17	LB134709
	Cobalt	495	520	95	90 - 110	P	02/13/2025	12:17	LB134709
	Copper	513	510	100	90 - 110	P	02/13/2025	12:17	LB134709
	Iron	10000	10000	100	90 - 110	P	02/13/2025	12:17	LB134709
	Lead	963	1000	96	90 - 110	P	02/13/2025	12:17	LB134709
	Magnesium	5600	6000	93	90 - 110	P	02/13/2025	12:17	LB134709
	Manganese	485	520	93	90 - 110	P	02/13/2025	12:17	LB134709
	Nickel	498	530	94	90 - 110	P	02/13/2025	12:17	LB134709
	Potassium	9690	9900	98	90 - 110	P	02/13/2025	12:17	LB134709
	Selenium	999	1000	100	90 - 110	P	02/13/2025	12:17	LB134709
	Silver	246	250	98	90 - 110	P	02/13/2025	12:17	LB134709
	Sodium	9310	10000	93	90 - 110	P	02/13/2025	12:17	LB134709
	Thallium	1010	1000	101	90 - 110	P	02/13/2025	12:17	LB134709
	Vanadium	478	500	96	90 - 110	P	02/13/2025	12:17	LB134709
	Zinc	1010	1000	101	90 - 110	P	02/13/2025	12:17	LB134709

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	100	100	100	80 - 120	P	02/13/2025	12:22	LB134709
	Antimony	51.1	50.0	102	80 - 120	P	02/13/2025	12:22	LB134709
	Arsenic	20.8	20.0	104	80 - 120	P	02/13/2025	12:22	LB134709
	Barium	83.2	100	83	80 - 120	P	02/13/2025	12:22	LB134709
	Beryllium	5.65	6.0	94	80 - 120	P	02/13/2025	12:22	LB134709
	Cadmium	5.68	6.0	95	80 - 120	P	02/13/2025	12:22	LB134709
	Calcium	1890	2000	94	80 - 120	P	02/13/2025	12:22	LB134709
	Chromium	10.2	10.0	102	80 - 120	P	02/13/2025	12:22	LB134709
	Cobalt	29.0	30.0	97	80 - 120	P	02/13/2025	12:22	LB134709
	Copper	21.8	20.0	109	80 - 120	P	02/13/2025	12:22	LB134709
	Iron	96.6	100	97	80 - 120	P	02/13/2025	12:22	LB134709
	Lead	11.2	12.0	93	80 - 120	P	02/13/2025	12:22	LB134709
	Magnesium	2000	2000	100	80 - 120	P	02/13/2025	12:22	LB134709
	Manganese	18.4	20.0	92	80 - 120	P	02/13/2025	12:22	LB134709
	Nickel	39.4	40.0	98	80 - 120	P	02/13/2025	12:22	LB134709
	Potassium	1910	2000	95	80 - 120	P	02/13/2025	12:22	LB134709
	Selenium	22.0	20.0	110	80 - 120	P	02/13/2025	12:22	LB134709
	Silver	10.2	10.0	102	80 - 120	P	02/13/2025	12:22	LB134709
	Sodium	1680	2000	84	80 - 120	P	02/13/2025	12:22	LB134709
	Thallium	37.6	40.0	94	80 - 120	P	02/13/2025	12:22	LB134709
	Vanadium	38.3	40.0	96	80 - 120	P	02/13/2025	12:22	LB134709
	Zinc	42.3	40.0	106	80 - 120	P	02/13/2025	12:22	LB134709

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Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9450	10000	94	90 - 110	P	02/13/2025	13:23	LB134709
	Antimony	4820	5000	96	90 - 110	P	02/13/2025	13:23	LB134709
	Arsenic	4840	5000	97	90 - 110	P	02/13/2025	13:23	LB134709
	Barium	9350	10000	94	90 - 110	P	02/13/2025	13:23	LB134709
	Beryllium	237	250	95	90 - 110	P	02/13/2025	13:23	LB134709
	Cadmium	2400	2500	96	90 - 110	P	02/13/2025	13:23	LB134709
	Calcium	23400	25000	94	90 - 110	P	02/13/2025	13:23	LB134709
	Chromium	979	1000	98	90 - 110	P	02/13/2025	13:23	LB134709
	Cobalt	2390	2500	96	90 - 110	P	02/13/2025	13:23	LB134709
	Copper	1220	1250	98	90 - 110	P	02/13/2025	13:23	LB134709
	Iron	4820	5000	96	90 - 110	P	02/13/2025	13:23	LB134709
	Lead	4800	5000	96	90 - 110	P	02/13/2025	13:23	LB134709
	Magnesium	23400	25000	94	90 - 110	P	02/13/2025	13:23	LB134709
	Manganese	2330	2500	93	90 - 110	P	02/13/2025	13:23	LB134709
	Nickel	2400	2500	96	90 - 110	P	02/13/2025	13:23	LB134709
	Potassium	23900	25000	96	90 - 110	P	02/13/2025	13:23	LB134709
	Selenium	4850	5000	97	90 - 110	P	02/13/2025	13:23	LB134709
	Silver	1220	1250	97	90 - 110	P	02/13/2025	13:23	LB134709
	Sodium	23800	25000	95	90 - 110	P	02/13/2025	13:23	LB134709
	Thallium	4800	5000	96	90 - 110	P	02/13/2025	13:23	LB134709
	Vanadium	2360	2500	94	90 - 110	P	02/13/2025	13:23	LB134709
	Zinc	2430	2500	97	90 - 110	P	02/13/2025	13:23	LB134709
CCV02	Aluminum	9750	10000	98	90 - 110	P	02/13/2025	14:24	LB134709
	Antimony	4970	5000	100	90 - 110	P	02/13/2025	14:24	LB134709
	Arsenic	4930	5000	99	90 - 110	P	02/13/2025	14:24	LB134709
	Barium	9740	10000	97	90 - 110	P	02/13/2025	14:24	LB134709
	Beryllium	244	250	98	90 - 110	P	02/13/2025	14:24	LB134709
	Cadmium	2460	2500	98	90 - 110	P	02/13/2025	14:24	LB134709
	Calcium	24300	25000	97	90 - 110	P	02/13/2025	14:24	LB134709
	Chromium	1010	1000	101	90 - 110	P	02/13/2025	14:24	LB134709
	Cobalt	2460	2500	98	90 - 110	P	02/13/2025	14:24	LB134709
	Copper	1250	1250	100	90 - 110	P	02/13/2025	14:24	LB134709
	Iron	4980	5000	100	90 - 110	P	02/13/2025	14:24	LB134709
	Lead	4920	5000	98	90 - 110	P	02/13/2025	14:24	LB134709

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24200	25000	97	90 - 110	P	02/13/2025	14:24	LB134709
	Manganese	2420	2500	97	90 - 110	P	02/13/2025	14:24	LB134709
	Nickel	2460	2500	99	90 - 110	P	02/13/2025	14:24	LB134709
	Potassium	25000	25000	100	90 - 110	P	02/13/2025	14:24	LB134709
	Selenium	4950	5000	99	90 - 110	P	02/13/2025	14:24	LB134709
	Silver	1260	1250	101	90 - 110	P	02/13/2025	14:24	LB134709
	Sodium	24500	25000	98	90 - 110	P	02/13/2025	14:24	LB134709
	Thallium	4960	5000	99	90 - 110	P	02/13/2025	14:24	LB134709
	Vanadium	2440	2500	98	90 - 110	P	02/13/2025	14:24	LB134709
	Zinc	2520	2500	101	90 - 110	P	02/13/2025	14:24	LB134709
CCV03	Aluminum	9760	10000	98	90 - 110	P	02/13/2025	14:47	LB134709
	Antimony	4940	5000	99	90 - 110	P	02/13/2025	14:47	LB134709
	Arsenic	4890	5000	98	90 - 110	P	02/13/2025	14:47	LB134709
	Barium	9670	10000	97	90 - 110	P	02/13/2025	14:47	LB134709
	Beryllium	239	250	96	90 - 110	P	02/13/2025	14:47	LB134709
	Cadmium	2420	2500	97	90 - 110	P	02/13/2025	14:47	LB134709
	Calcium	23900	25000	96	90 - 110	P	02/13/2025	14:47	LB134709
	Chromium	981	1000	98	90 - 110	P	02/13/2025	14:47	LB134709
	Cobalt	2420	2500	97	90 - 110	P	02/13/2025	14:47	LB134709
	Copper	1250	1250	100	90 - 110	P	02/13/2025	14:47	LB134709
	Iron	4930	5000	99	90 - 110	P	02/13/2025	14:47	LB134709
	Lead	4840	5000	97	90 - 110	P	02/13/2025	14:47	LB134709
	Magnesium	23600	25000	94	90 - 110	P	02/13/2025	14:47	LB134709
	Manganese	2380	2500	95	90 - 110	P	02/13/2025	14:47	LB134709
	Nickel	2420	2500	97	90 - 110	P	02/13/2025	14:47	LB134709
	Potassium	24900	25000	100	90 - 110	P	02/13/2025	14:47	LB134709
	Selenium	4910	5000	98	90 - 110	P	02/13/2025	14:47	LB134709
	Silver	1240	1250	99	90 - 110	P	02/13/2025	14:47	LB134709
	Sodium	24800	25000	99	90 - 110	P	02/13/2025	14:47	LB134709
	Thallium	4840	5000	97	90 - 110	P	02/13/2025	14:47	LB134709
	Vanadium	2410	2500	96	90 - 110	P	02/13/2025	14:47	LB134709
	Zinc	2430	2500	97	90 - 110	P	02/13/2025	14:47	LB134709

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.22	0.2	108	40 - 160	CV	02/12/2025	14:16	LB134685
CRI01	Aluminum	95.4	100	95	40 - 160	P	02/13/2025	12:54	LB134709
	Antimony	50.3	50.0	101	40 - 160	P	02/13/2025	12:54	LB134709
	Arsenic	21.2	20.0	106	40 - 160	P	02/13/2025	12:54	LB134709
	Barium	84.9	100	85	40 - 160	P	02/13/2025	12:54	LB134709
	Beryllium	5.67	6.0	94	40 - 160	P	02/13/2025	12:54	LB134709
	Cadmium	5.67	6.0	94	40 - 160	P	02/13/2025	12:54	LB134709
	Calcium	1890	2000	95	40 - 160	P	02/13/2025	12:54	LB134709
	Chromium	10.3	10.0	103	40 - 160	P	02/13/2025	12:54	LB134709
	Cobalt	28.7	30.0	96	40 - 160	P	02/13/2025	12:54	LB134709
	Copper	21.8	20.0	109	40 - 160	P	02/13/2025	12:54	LB134709
	Iron	96.7	100	97	40 - 160	P	02/13/2025	12:54	LB134709
	Lead	10.4	12.0	86	40 - 160	P	02/13/2025	12:54	LB134709
	Magnesium	2030	2000	102	40 - 160	P	02/13/2025	12:54	LB134709
	Manganese	18.3	20.0	92	40 - 160	P	02/13/2025	12:54	LB134709
	Nickel	38.5	40.0	96	40 - 160	P	02/13/2025	12:54	LB134709
	Potassium	2000	2000	100	40 - 160	P	02/13/2025	12:54	LB134709
	Selenium	21.0	20.0	105	40 - 160	P	02/13/2025	12:54	LB134709
	Silver	10.2	10.0	102	40 - 160	P	02/13/2025	12:54	LB134709
	Sodium	1740	2000	87	40 - 160	P	02/13/2025	12:54	LB134709
	Thallium	38.1	40.0	95	40 - 160	P	02/13/2025	12:54	LB134709
	Vanadium	37.1	40.0	93	40 - 160	P	02/13/2025	12:54	LB134709
	Zinc	42.0	40.0	105	40 - 160	P	02/13/2025	12:54	LB134709

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	239000	255000	94	216000	294000	02/13/2025	13:03	LB134709
	Antimony	0.47			-50	50	02/13/2025	13:03	LB134709
	Arsenic	4.70			-20	20	02/13/2025	13:03	LB134709
	Barium	0.98	6.0	16	-94	106	02/13/2025	13:03	LB134709
	Beryllium	3.33			-6	6	02/13/2025	13:03	LB134709
	Cadmium	-1.02	1.0	102	-5	7	02/13/2025	13:03	LB134709
	Calcium	227000	245000	93	208000	282000	02/13/2025	13:03	LB134709
	Chromium	59.8	52.0	115	42	62	02/13/2025	13:03	LB134709
	Cobalt	2.26			-30	30	02/13/2025	13:03	LB134709
	Copper	20.3	2.0	1015	-18	22	02/13/2025	13:03	LB134709
	Iron	103000	101000	102	85600	116500	02/13/2025	13:03	LB134709
	Lead	5.57			-12	12	02/13/2025	13:03	LB134709
	Magnesium	243000	255000	95	216000	294000	02/13/2025	13:03	LB134709
	Manganese	-4.94	7.0	71	-13	27	02/13/2025	13:03	LB134709
	Nickel	4.18	2.0	209	-38	42	02/13/2025	13:03	LB134709
	Potassium	45.5			0	0	02/13/2025	13:03	LB134709
	Selenium	-12.0			-20	20	02/13/2025	13:03	LB134709
	Silver	-2.24			-10	10	02/13/2025	13:03	LB134709
	Sodium	63.8			0	0	02/13/2025	13:03	LB134709
	Thallium	-4.95			-40	40	02/13/2025	13:03	LB134709
	Vanadium	3.77			-40	40	02/13/2025	13:03	LB134709
	Zinc	7.33			-40	40	02/13/2025	13:03	LB134709
ICSAB01	Aluminum	240000	247000	97	209000	285000	02/13/2025	13:19	LB134709
	Antimony	624	618	101	525	711	02/13/2025	13:19	LB134709
	Arsenic	105	104	101	88.4	120	02/13/2025	13:19	LB134709
	Barium	469	537	87	437	637	02/13/2025	13:19	LB134709
	Beryllium	489	495	99	420	570	02/13/2025	13:19	LB134709
	Cadmium	1010	972	104	826	1120	02/13/2025	13:19	LB134709
	Calcium	227000	235000	97	199000	271000	02/13/2025	13:19	LB134709
	Chromium	581	542	107	460	624	02/13/2025	13:19	LB134709
	Cobalt	510	476	107	404	548	02/13/2025	13:19	LB134709
	Copper	520	511	102	434	588	02/13/2025	13:19	LB134709
	Iron	102000	99300	103	84400	114500	02/13/2025	13:19	LB134709
	Lead	55.0	49.0	112	37	61	02/13/2025	13:19	LB134709
	Magnesium	244000	248000	98	210000	286000	02/13/2025	13:19	LB134709
	Manganese	459	507	90	430	584	02/13/2025	13:19	LB134709
	Nickel	1010	954	106	810	1100	02/13/2025	13:19	LB134709
	Potassium	56.7			0	0	02/13/2025	13:19	LB134709
	Selenium	30.7	46.0	67	26	66	02/13/2025	13:19	LB134709
	Silver	211	201	105	170	232	02/13/2025	13:19	LB134709
	Sodium	57.2			0	0	02/13/2025	13:19	LB134709
	Thallium	89.9	108	83	68	148	02/13/2025	13:19	LB134709

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Fax : 908 789 8922

Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	474	491	96	417	565	02/13/2025	13:19	LB134709
	Zinc	1070	952	112	809	1095	02/13/2025	13:19	LB134709

METAL QC DATA

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1355

contract: GENV01 **lab code:** CHEM **case no.:** Q1355 **sas no.:** Q1355

matrix: Water **sample id:** Q1348-01 **client id:** TWP-1-WCMS

Percent Solids for Sample: NA **Spiked ID:** Q1348-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	3330		2720		1000	61	N	P
Antimony	ug/L	75 - 125	373		25.0	U	400	93		P
Arsenic	ug/L	75 - 125	375		10.0	U	400	94		P
Barium	ug/L	75 - 125	159		70.1		100	89		P
Beryllium	ug/L	75 - 125	86.5		0.14	J	100	86		P
Cadmium	ug/L	75 - 125	92.2		0.34	J	100	92		P
Calcium	ug/L	75 - 125	65800		65400		500	90		P
Chromium	ug/L	75 - 125	199		8.37		200	95		P
Cobalt	ug/L	75 - 125	93.5		0.52	J	100	93		P
Copper	ug/L	75 - 125	143		10.0	U	150	95		P
Iron	ug/L	75 - 125	5060		4220		1500	56	N	P
Lead	ug/L	75 - 125	440		5.42	J	500	87		P
Magnesium	ug/L	75 - 125	11900		11100		1000	74		P
Manganese	ug/L	75 - 125	373		285		100	89		P
Nickel	ug/L	75 - 125	234		2.96	J	250	92		P
Potassium	ug/L	75 - 125	14900		10100		5000	95		P
Selenium	ug/L	75 - 125	903		10.0	U	1000	90		P
Silver	ug/L	75 - 125	29.1		5.00	U	37.5	78		P
Sodium	ug/L	75 - 125	148000		142000		1500	412		P
Thallium	ug/L	75 - 125	864		20.0	U	1000	86		P
Vanadium	ug/L	75 - 125	142		7.00	J	150	90		P
Zinc	ug/L	75 - 125	118		23.1		100	95		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1355

contract: GENV01 **lab code:** CHEM **case no.:** Q1355 **sas no.:** Q1355

matrix: Water **sample id:** Q1348-01 **client id:** TWP-1-WCMSD

Percent Solids for Sample: NA **Spiked ID:** Q1348-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	3660		2720		1000	94		P
Antimony	ug/L	75 - 125	377		25.0	U	400	94		P
Arsenic	ug/L	75 - 125	376		10.0	U	400	94		P
Barium	ug/L	75 - 125	158		70.1		100	88		P
Beryllium	ug/L	75 - 125	85.4		0.14	J	100	85		P
Cadmium	ug/L	75 - 125	92.2		0.34	J	100	92		P
Calcium	ug/L	75 - 125	65300		65400		500	-29		P
Chromium	ug/L	75 - 125	199		8.37		200	95		P
Cobalt	ug/L	75 - 125	93.8		0.52	J	100	93		P
Copper	ug/L	75 - 125	142		10.0	U	150	95		P
Iron	ug/L	75 - 125	5140		4220		1500	62	N	P
Lead	ug/L	75 - 125	441		5.42	J	500	87		P
Magnesium	ug/L	75 - 125	11800		11100		1000	69		P
Manganese	ug/L	75 - 125	368		285		100	83		P
Nickel	ug/L	75 - 125	234		2.96	J	250	93		P
Potassium	ug/L	75 - 125	15200		10100		5000	101		P
Selenium	ug/L	75 - 125	911		10.0	U	1000	91		P
Silver	ug/L	75 - 125	32.6		5.00	U	37.5	87		P
Sodium	ug/L	75 - 125	147000		142000		1500	357		P
Thallium	ug/L	75 - 125	861		20.0	U	1000	86		P
Vanadium	ug/L	75 - 125	142		7.00	J	150	90		P
Zinc	ug/L	75 - 125	118		23.1		100	95		P

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metals
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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1355

contract: GENV01 **lab code:** CHEM **case no.:** Q1355 **sas no.:** Q1355

matrix: Water **sample id:** Q1349-01 **client id:** TWP-1-PERMITMS

Percent Solids for Sample: NA **Spiked ID:** Q1349-01MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.24		0.77		4.0	87		CV

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1355

contract: GENV01 **lab code:** CHEM **case no.:** Q1355 **sas no.:** Q1355

matrix: Water **sample id:** Q1349-01 **client id:** TWP-1-PERMITMSD

Percent Solids for Sample: NA **Spiked ID:** Q1349-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.15		0.77		4.0	85		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Matrix: Water **Level:** LOW **Client ID:** TWP-1-WCA

Sample ID: Q1348-01 **Spiked ID:** Q1348-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	3810		2720		10000	11		P
Iron	ug/L	75 - 125	5180		4220		1500	64		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Matrix: Water **Sample ID:** Q1348-01 **Client ID:** TWP-1-WCDUP

Percent Solids for Sample: NA **Duplicate ID** Q1348-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	2720		3400		22	*	P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	70.1		76.8		9		P
Beryllium	ug/L	20	0.14	J	0.16	J	15		P
Cadmium	ug/L	20	0.34	J	0.38	J	11		P
Calcium	ug/L	20	65400		67200		3		P
Chromium	ug/L	20	8.37		9.09		8		P
Cobalt	ug/L	20	0.52	J	0.54	J	3		P
Copper	ug/L	20	10.0	U	10.0	U			P
Iron	ug/L	20	4220		4430		5		P
Lead	ug/L	20	5.42	J	5.65	J	4		P
Magnesium	ug/L	20	11100		11500		4		P
Manganese	ug/L	20	285		295		3		P
Nickel	ug/L	20	2.96	J	3.20	J	8		P
Potassium	ug/L	20	10100		10500		4		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	142000		153000		7		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	7.00	J	9.28	J	28		P
Zinc	ug/L	20	23.1		23.8		3		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Matrix: Water **Sample ID:** Q1348-01MS **Client ID:** TWP-1-WCMSD

Percent Solids for Sample: NA **Duplicate ID** Q1348-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	3330		3660		9		P
Antimony	ug/L	20	373		377		1		P
Arsenic	ug/L	20	375		376		0		P
Barium	ug/L	20	159		158		1		P
Beryllium	ug/L	20	86.5		85.4		1		P
Cadmium	ug/L	20	92.2		92.2		0		P
Calcium	ug/L	20	65800		65300		1		P
Chromium	ug/L	20	199		199		0		P
Cobalt	ug/L	20	93.5		93.8		0		P
Copper	ug/L	20	143		142		1		P
Iron	ug/L	20	5060		5140		2		P
Lead	ug/L	20	440		441		0		P
Magnesium	ug/L	20	11900		11800		1		P
Manganese	ug/L	20	373		368		1		P
Nickel	ug/L	20	234		234		0		P
Potassium	ug/L	20	14900		15200		2		P
Selenium	ug/L	20	903		911		1		P
Silver	ug/L	20	29.1		32.6		11		P
Sodium	ug/L	20	148000		147000		1		P
Thallium	ug/L	20	864		861		0		P
Vanadium	ug/L	20	142		142		0		P
Zinc	ug/L	20	118		118		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Matrix: Water **Sample ID:** Q1349-01 **Client ID:** TWP-1-PERMITDUP

Percent Solids for Sample: NA **Duplicate ID** Q1349-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.77		0.85		11		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Matrix: Water **Sample ID:** Q1349-01MS **Client ID:** TWP-1-PERMITMSD

Percent Solids for Sample: NA **Duplicate ID** Q1349-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.24		4.15		2		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166694BS							
Aluminum	ug/L	1000	888		89	80 - 120	P
Antimony	ug/L	400	369		92	80 - 120	P
Arsenic	ug/L	400	353		88	80 - 120	P
Barium	ug/L	100	81.3		81	80 - 120	P
Beryllium	ug/L	100	83.2		83	80 - 120	P
Cadmium	ug/L	100	85.7		86	80 - 120	P
Calcium	ug/L	500	462	J	92	80 - 120	P
Chromium	ug/L	200	195		98	80 - 120	P
Cobalt	ug/L	100	90.0		90	80 - 120	P
Copper	ug/L	150	143		95	80 - 120	P
Iron	ug/L	1500	1380		92	80 - 120	P
Lead	ug/L	500	425		85	80 - 120	P
Magnesium	ug/L	1000	870	J	87	80 - 120	P
Manganese	ug/L	100	88.1		88	80 - 120	P
Nickel	ug/L	250	224		90	80 - 120	P
Potassium	ug/L	5000	4530		91	80 - 120	P
Selenium	ug/L	1000	854		85	80 - 120	P
Silver	ug/L	37.5	34.9		93	80 - 120	P
Sodium	ug/L	1500	1230		82	80 - 120	P
Thallium	ug/L	1000	869		87	80 - 120	P
Vanadium	ug/L	150	133		89	80 - 120	P
Zinc	ug/L	100	93.5		94	80 - 120	P

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LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB166706BS							
Mercury	ug/L	4.0	3.87		97	80 - 120	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TWP-1-WCL

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb134709 **Lab Sample ID :** Q1348-01L **SDG No.:** Q1355

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	2720		3910		44		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	70.1		72.8	J	4		P
Beryllium	0.14	J	15.0	U	100.0		P
Cadmium	0.34	J	0.47	J	38		P
Calcium	65400		68300		4		P
Chromium	8.37		11.3	J	35		P
Cobalt	0.52	J	75.0	U	100.0		P
Copper	10.0	U	50.0	U			P
Iron	4220		4500		7		P
Lead	5.42	J	30.0	U	100.0		P
Magnesium	11100		11800		6		P
Manganese	285		302		6		P
Nickel	2.96	J	100	U	100.0		P
Potassium	10100		9890		2		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	142000		145000		2		P
Thallium	20.0	U	100	U			P
Vanadium	7.00	J	100	U	100.0		P
Zinc	23.1		23.9	J	4		P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TWP-1-PERMITL

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb134685 **Lab Sample ID :** Q1349-01L **SDG No.:** Q1355

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.77		1.02		33		CV

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1355 **Sas no.:** Q1355 **Sdg no.:** Q1355

Instrument id number: **Method:** **Run number:** LB134685

Start date: 02/12/2025 **End date:** 02/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1350	HG
S0.2	S0.2	1	1352	HG
S2.5	S2.5	1	1354	HG
S5	S5	1	1356	HG
S7.5	S7.5	1	1359	HG
S10	S10	1	1401	HG
ICV02	ICV02	1	1404	HG
ICB02	ICB02	1	1406	HG
CCV63	CCV63	1	1411	HG
CCB63	CCB63	1	1414	HG
CRA	CRA	1	1416	HG
CCV64	CCV64	1	1444	HG
CCB64	CCB64	1	1446	HG
PB166706BL	PB166706BL	1	1502	HG
PB166706BS	PB166706BS	1	1507	HG
CCV65	CCV65	1	1519	HG
CCB65	CCB65	1	1522	HG
Q1349-01DUP	TWP-1-PERMITDUP	1	1524	HG
Q1349-01MS	TWP-1-PERMITMS	1	1526	HG
Q1349-01MSD	TWP-1-PERMITMSD	1	1529	HG
Q1355-01	RW1	1	1531	HG
Q1355-02	MW2	1	1533	HG
Q1349-01L	TWP-1-PERMITL	5	1545	HG
CCV66	CCV66	1	1550	HG
CCB66	CCB66	1	1552	HG

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1355 **Sas no.:** Q1355 **Sdg no.:** Q1355

Instrument id number: **Method:** **Run number:** LB134709

Start date: 02/13/2025 **End date:** 02/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1140	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1144	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1149	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1153	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1157	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1201	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1222	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1303	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1319	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1323	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1327	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1348-01DUP	TWP-1-WCDUP	1	1336	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1348-01L	TWP-1-WCL	5	1340	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1348-01MS	TWP-1-WCMS	1	1344	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1348-01MSD	TWP-1-WCMSD	1	1349	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1348-01A	TWP-1-WCA	1	1353	Al,Fe
Q1355-01	RW1	1	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1355-02	MW2	1	1406	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166694BL	PB166694BL	1	1420	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1429	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB166694BS	PB166694BS	1	1433	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1451	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1355 **SAS No.:** Q1355

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q1355	**OrderDate:**	2/11/2025 1:38:32 PM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	N41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1355-01	**RW1**	**Water**			**02/11/25**			**02/11/25**
			Mercury	7470A		02/12/25	02/12/25	
			Metals ICP-TAL	6010D		02/12/25	02/13/25	
Q1355-02	**MW2**	**Water**			**02/11/25**			**02/11/25**
			Mercury	7470A		02/12/25	02/12/25	
			Metals ICP-TAL	6010D		02/12/25	02/13/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q1355 **SAS No.:** Q1355

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB166694**						
PB166694BL	PB166694BL	MB	WATER	02/12/2025	50.0	25.0	
PB166694BS	PB166694BS	LCS	WATER	02/12/2025	50.0	25.0	
Q1348-01DUP	TWP-1-WCDUP	DUP	WATER	02/12/2025	50.0	25.0	
Q1348-01MS	TWP-1-WCMS	MS	WATER	02/12/2025	50.0	25.0	
Q1348-01MSD	TWP-1-WCMSD	MSD	WATER	02/12/2025	50.0	25.0	
Q1355-01	RW1	SAM	WATER	02/12/2025	50.0	25.0	
Q1355-02	MW2	SAM	WATER	02/12/2025	50.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1355

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q1355 **SAS No.:** Q1355

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB166706**						
PB166706BL	PB166706BL	MB	WATER	02/12/2025	30.0	30.0	
PB166706BS	PB166706BS	LCS	WATER	02/12/2025	30.0	30.0	
Q1349-01DUP	TWP-1-PERMITDUP	DUP	WATER	02/12/2025	30.0	30.0	
Q1349-01MS	TWP-1-PERMITMS	MS	WATER	02/12/2025	30.0	30.0	
Q1349-01MSD	TWP-1-PERMITMSD	MSD	WATER	02/12/2025	30.0	30.0	
Q1355-01	RW1	SAM	WATER	02/12/2025	30.0	30.0	
Q1355-02	MW2	SAM	WATER	02/12/2025	30.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB134685

Review By	Mohan	Review On	2/18/2025 11:51:12 AM
Supervise By	kareem	Supervise On	2/18/2025 11:53:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP84450,MP84452,MP84453,MP84454,MP84456,MP84457
ICV Standard	MP84458
CCV Standard	MP84460
ICSA Standard	
CRI Standard	MP84462
LCS Standard	
Chk Standard	MP84459,MP84461,MP84463,MP84490

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	02/12/25 13:50		Mohan	OK
2	S0.2	S0.2	CAL2	02/12/25 13:52		Mohan	OK
3	S2.5	S2.5	CAL3	02/12/25 13:54		Mohan	OK
4	S5	S5	CAL4	02/12/25 13:56		Mohan	OK
5	S7.5	S7.5	CAL5	02/12/25 13:59		Mohan	OK
6	S10	S10	CAL6	02/12/25 14:01		Mohan	OK
7	ICV02	ICV02	ICV	02/12/25 14:04		Mohan	OK
8	ICB02	ICB02	ICB	02/12/25 14:06		Mohan	OK
9	CCV63	CCV63	CCV	02/12/25 14:11		Mohan	OK
10	CCB63	CCB63	CCB	02/12/25 14:14		Mohan	OK
11	CRA	CRA	CRDL	02/12/25 14:16		Mohan	OK
12	HighStd	HighStd	HIGH STD	02/12/25 14:18		Mohan	OK
13	ChkStd	ChkStd	SAM	02/12/25 14:20		Mohan	OK
14	PB166705BL	PB166705BL	MB	02/12/25 14:26		Mohan	OK
15	PB166705BS	PB166705BS	LCS	02/12/25 14:28		Mohan	OK
16	Q1343-04	WC-9	SAM	02/12/25 14:30		Mohan	OK
17	Q1343-08	WC-10	SAM	02/12/25 14:32		Mohan	OK
18	Q1343-12	WC-7	SAM	02/12/25 14:35		Mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB134685

Review By	Mohan	Review On	2/18/2025 11:51:12 AM
Supervise By	kareem	Supervise On	2/18/2025 11:53:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP84450,MP84452,MP84453,MP84454,MP84456,MP84457
ICV Standard	MP84458
CCV Standard	MP84460
ICSA Standard	
CRI Standard	MP84462
LCS Standard	
Chk Standard	MP84459,MP84461,MP84463,MP84490

19	Q1343-16	WC-13	SAM	02/12/25 14:37		Mohan	OK
20	Q1343-20	WC-14	SAM	02/12/25 14:39		Mohan	OK
21	CCV64	CCV64	CCV	02/12/25 14:44		Mohan	OK
22	CCB64	CCB64	CCB	02/12/25 14:46		Mohan	OK
23	Q1344-02	SOIL-1	SAM	02/12/25 14:49		Mohan	OK
24	Q1344-04	SOIL-2	SAM	02/12/25 14:51		Mohan	OK
25	Q1346-02	SOIL-COMP	SAM	02/12/25 14:53		Mohan	OK
26	Q1346-02DUP	SOIL-COMPDUP	DUP	02/12/25 14:55		Mohan	OK
27	Q1346-02MS	SOIL-COMPMS	MS	02/12/25 14:58		Mohan	OK
28	Q1346-02MSD	SOIL-COMPMSD	MSD	02/12/25 15:00		Mohan	OK
29	PB166706BL	PB166706BL	MB	02/12/25 15:02		Mohan	OK
30	PB166706BS	PB166706BS	LCS	02/12/25 15:07		Mohan	OK
31	Q1348-01	TWP-1-WC	SAM	02/12/25 15:10		Mohan	OK
32	Q1349-01	TWP-1-PERMIT	SAM	02/12/25 15:12		Mohan	OK
33	CCV65	CCV65	CCV	02/12/25 15:19		Mohan	OK
34	CCB65	CCB65	CCB	02/12/25 15:22		Mohan	OK
35	Q1349-01DUP	TWP-1-PERMITDUP	DUP	02/12/25 15:24		Mohan	OK
36	Q1349-01MS	TWP-1-PERMITMS	MS	02/12/25 15:26		Mohan	OK
37	Q1349-01MSD	TWP-1-PERMITMSD	MSD	02/12/25 15:29		Mohan	OK
38	Q1355-01	RW1	SAM	02/12/25 15:31		Mohan	OK

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB134685

Review By	Mohan	Review On	2/18/2025 11:51:12 AM
Supervise By	kareem	Supervise On	2/18/2025 11:53:42 AM

STD. NAME	STD REF.#
ICAL Standard	MP84450,MP84452,MP84453,MP84454,MP84456,MP84457
ICV Standard	MP84458
CCV Standard	MP84460
ICSA Standard	
CRI Standard	MP84462
LCS Standard	
Chk Standard	MP84459,MP84461,MP84463,MP84490

39	Q1355-02	MW2	SAM	02/12/25 15:33		Mohan	OK
40	PB166651TB	PB166651TB	MB	02/12/25 15:35		Mohan	OK
41	Q1346-02L	SOIL-COMPL	SD	02/12/25 15:38		Mohan	OK
42	Q1346-02A	SOIL-COMPA	PS	02/12/25 15:40		Mohan	OK
43	Q1349-01L	TWP-1-PERMITL	SD	02/12/25 15:45		Mohan	OK
44	Q1349-01A	TWP-1-PERMITA	PS	02/12/25 15:48		Mohan	OK
45	CCV66	CCV66	CCV	02/12/25 15:50		Mohan	OK
46	CCB66	CCB66	CCB	02/12/25 15:52		Mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB134709

Review By	kareem	Review On	2/14/2025 7:58:53 PM
Supervise By	JANVI	Supervise On	2/18/2025 12:11:21 PM

STD. NAME	STD REF.#
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228
ICV Standard	MP84446
CCV Standard	MP84232
ICSA Standard	MP84230,MP84231
CRI Standard	MP84228
LCS Standard	MP84387
Chk Standard	MP84218,MP84219

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	02/13/25 11:40		Kareem	OK
2	S1	S1	CAL2	02/13/25 11:44		Kareem	OK
3	S2	S2	CAL3	02/13/25 11:49		Kareem	OK
4	S3	S3	CAL4	02/13/25 11:53		Kareem	OK
5	S4	S4	CAL5	02/13/25 11:57		Kareem	OK
6	S5	S5	CAL6	02/13/25 12:01		Kareem	OK
7	ICV01	ICV01	ICV	02/13/25 12:17		Kareem	OK
8	LLICV01	LLICV01	LLICV	02/13/25 12:22		Kareem	OK
9	ICB01	ICB01	ICB	02/13/25 12:50		Kareem	OK
10	CRI01	CRI01	CRDL	02/13/25 12:54		Kareem	OK
11	ICSA01	ICSA01	ICSA	02/13/25 13:03		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	02/13/25 13:19		Kareem	OK
13	CCV01	CCV01	CCV	02/13/25 13:23		Kareem	OK
14	CCB01	CCB01	CCB	02/13/25 13:27		Kareem	OK
15	Q1348-01	TWP-1-WC	SAM	02/13/25 13:31		Kareem	OK
16	Q1348-01DUP	TWP-1-WCDUP	DUP	02/13/25 13:36		Kareem	OK
17	Q1348-01L	TWP-1-WCL	SD	02/13/25 13:40		Kareem	OK
18	Q1348-01MS	TWP-1-WCMS	MS	02/13/25 13:44	0.1 ML M6001 AND M6010 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB134709

Review By	kareem	Review On	2/14/2025 7:58:53 PM
Supervise By	JANVI	Supervise On	2/18/2025 12:11:21 PM

STD. NAME	STD REF.#
ICAL Standard	MP84204,MP84223,MP84224,MP84225,MP84226,MP84228
ICV Standard	MP84446
CCV Standard	MP84232
ICSA Standard	MP84230,MP84231
CRI Standard	MP84228
LCS Standard	MP84387
Chk Standard	MP84218,MP84219

19	Q1348-01MSD	TWP-1-WCMSD	MSD	02/13/25 13:49	0.1 ML M6001 AND M6010 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
20	Q1348-01A	TWP-1-WCA	PS	02/13/25 13:53	0.1 ML M6001 AND M6010 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
21	Q1349-01	TWP-1-PERMIT	SAM	02/13/25 13:57		Kareem	OK
22	Q1355-01	RW1	SAM	02/13/25 14:01		Kareem	OK
23	Q1355-02	MW2	SAM	02/13/25 14:06		Kareem	OK
24	PB166694BL	PB166694BL	MB	02/13/25 14:20		Kareem	OK
25	CCV02	CCV02	CCV	02/13/25 14:24		Kareem	OK
26	CCB02	CCB02	CCB	02/13/25 14:29		Kareem	OK
27	PB166694BS	PB166694BS	LCS	02/13/25 14:33	0.1 ML M6001 AND M6010 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
28	LR1	LR1	HIGH STD	02/13/25 14:38		Kareem	OK
29	LR2	LR2	HIGH STD	02/13/25 14:43		Kareem	OK
30	CCV03	CCV03	CCV	02/13/25 14:47		Kareem	OK
31	CCB03	CCB03	CCB	02/13/25 14:51		Kareem	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB166694

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 02/12/2025 **Time :** 09:30 **Temp :** 96 °C

End Digest Date: 02/12/2025 **Time :** 12:40 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. # 1

Dig Technician Signature: SK3.

Supervisor Signature: MS

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6002
LFS-2	0.25	M6011
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6126
1:1 HCL	5.00	MP84297
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1CELL #55 Temp: 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
02/12/25 13:40	SLS. met.dig.	MS Metal Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB166694

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB166694BL	PBW694	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB166694BS	LCS694	<2	50	25	Colorless	Colorless	Clear	Clear	M6002,M6011	2
Q1348-01MS	TWP-1-WCMS	<2	50	25	Colorless	Colorless	Clear	Clear	M6002,M6011	5
Q1348-01MSD	TWP-1-WCMSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6002,M6011	6
Q1348-01DUP	TWP-1-WCDUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q1348-01	TWP-1-WC	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q1349-01	TWP-1-PERMIT	<2	50	25	Gray	Yellow	Clear	Clear	N/A	7
Q1355-01	RW1	<2	50	25	Light yellow	Yellow	Clear	Clear	N/A	8
Q1355-02	MW2	<2	50	25	Brown	Yellow	Clear	Clear	N/A	9

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB166706

SOP ID : M7470A-Mercury-19

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 02/12/2025 **Time :** 12:25 **Temp :** 94 °C

End Digest Date: 02/12/2025 **Time :** 14:25 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: [signature]

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84458
CCV	30mL	MP84460
CRA	30mL	MP84462
Blank Spike	0.48mL	MP84449
Matrix Spike	0.48mL	MP84449

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP83691
KMnO4 (5%)	4.5mL	MP83692
K2S2O8 (5%)	2.5mL	MP83693
Hydroxylamine HCL (12%)	2.0mL	MP83694
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP84450
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP84452
2.5 ppb	S2.5	30mL	MP84453
5.0 ppb	S5.0	30mL	MP84454
7.5 ppb	S7.5	30mL	MP84456
10.0 ppb	S10.0	30mL	MP84457
ICV	ICV	30mL	MP84458
ICB	ICB	30mL	MP84459
CCV	CCV	30mL	MP84460
CCB	CCB	30mL	MP84461
CRI	CRI	30mL	MP84462
CHK STD	CHK STD	30mL	MP84463

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
2/12/25 @ 14:40	MB - Dig. Lab	MB - Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB166706

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB166706BL	PBW706	30	30	<2	N/A	3-19
PB166706BS	LCS706	30	30	<2	MP84449	20
Q1348-01	TWP-1-WC	30	30	<2	N/A	21
Q1349-01	TWP-1-PERMIT	30	30	<2	N/A	22
Q1349-01DUP	TWP-1-PERMITDUP	30	30	<2	N/A	23
Q1349-01MS	TWP-1-PERMITMS	30	30	<2	MP84449	24
Q1349-01MSD	TWP-1-PERMITMSD	30	30	<2	MP84449	25
Q1355-01	RW1	30	30	<2	N/A	26
Q1355-02	MW2	30	30	<2	N/A	27

SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25 12:25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	RW1	SDG No.:	Q1355
Lab Sample ID:	Q1355-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	103	OR	1	0.032	3.00	mg/L		02/11/25 14:49	9056A

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	G Environmental	Date Collected:	02/11/25 12:25
Project:	Amsterdam	Date Received:	02/11/25
Client Sample ID:	RW1DL	SDG No.:	Q1355
Lab Sample ID:	Q1355-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Sulfate	91.9	D	5	0.16	15.0	mg/L		02/11/25 15:54	9056A

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

QC RESULT SUMMARY

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

Initial and Continuing Calibration Verification

Client: G Environmental **SDG No.:** Q1355

Project: Amsterdam **RunNo.:** LB134705

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Bromide	mg/L	10.3	10	103	90-110	01/20/2025
Chloride	mg/L	3.1	3	103	90-110	01/20/2025
Fluoride	mg/L	2.1	2	105	90-110	01/20/2025
Nitrite	mg/L	3.1	3	103	90-110	01/20/2025
Nitrate	mg/L	2.6	2.5	104	90-110	01/20/2025
Sulfate	mg/L	15.4	15	103	90-110	01/20/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	01/20/2025
Sample ID: **CCV1**						
Bromide	mg/L	10.1	10	101	90-110	02/11/2025
Chloride	mg/L	3	3	100	90-110	02/11/2025
Fluoride	mg/L	2	2	100	90-110	02/11/2025
Nitrite	mg/L	3	3	100	90-110	02/11/2025
Nitrate	mg/L	2.5	2.5	100	90-110	02/11/2025
Sulfate	mg/L	15	15	100	90-110	02/11/2025
Orthophosphate as P	mg/L	5	5	100	90-110	02/11/2025
Sample ID: **CCV2**						
Bromide	mg/L	10.2	10	102	90-110	02/11/2025
Chloride	mg/L	3.1	3	103	90-110	02/11/2025
Fluoride	mg/L	2	2	100	90-110	02/11/2025
Nitrite	mg/L	3.1	3	103	90-110	02/11/2025
Nitrate	mg/L	2.6	2.5	104	90-110	02/11/2025
Sulfate	mg/L	15.1	15	101	90-110	02/11/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	02/11/2025

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Initial and Continuing Calibration Verification

Client:	G Environmental	**SDG No.:**	Q1355
Project:	Amsterdam	**RunNo.:**	LB134705

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Initial and Continuing Calibration Blank Summary

Client: G Environmental **SDG No.:** Q1355

Project: Amsterdam **RunNo.:** LB134705

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	01/20/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	01/20/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	01/20/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	01/20/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	01/20/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	01/20/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	01/20/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	02/11/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	02/11/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	02/11/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	02/11/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	02/11/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	02/11/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	02/11/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	02/11/2025
Chloride	mg/L	0.065	0.3000	J	0.011	0.6	02/11/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	02/11/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	02/11/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	02/11/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	02/11/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	02/11/2025

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Initial and Continuing Calibration Blank Summary

Client:	G Environmental	**SDG No.:**	Q1355
Project:	Amsterdam	**RunNo.:**	LB134705

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date

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

Client: G Environmental **SDG No.:** Q1355

Project: Amsterdam

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB134705BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	02/11/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	02/11/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	02/11/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	02/11/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	02/11/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	02/11/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	02/11/2025

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Matrix Spike Summary

Client: G Environmental
Project: Amsterdam
Client ID: RW1MS
SDG No.: Q1355
Sample ID: Q1355-01
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.0		0.56	J	10	1	94		02/11/2025
Chloride	mg/L	80-120	323	OR	336	OR	3	1	-433	*	02/11/2025
Fluoride	mg/L	80-120	1.10		0.29	J	2	1	41	*	02/11/2025
Nitrite	mg/L	80-120	2.90		0.011	U	3	1	97		02/11/2025
Nitrate	mg/L	80-120	2.40		0.0034	U	2.5	1	96		02/11/2025
Sulfate	mg/L	80-120	115	OR	103	OR	15	1	80		02/11/2025
Orthophosphate as P	mg/L	80-120	0.57	J	0.079	U	5	1	11	*	02/11/2025

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Matrix Spike Summary

Client: G Environmental
Project: Amsterdam
Client ID: RW1MSD

SDG No.: Q1355
Sample ID: Q1355-01
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	9.80		0.56	J	10	1	92		02/11/2025
Chloride	mg/L	80-120	323	OR	336	OR	3	1	-433	*	02/11/2025
Fluoride	mg/L	80-120	2.20		0.29	J	2	1	96		02/11/2025
Nitrite	mg/L	80-120	2.80		0.011	U	3	1	93		02/11/2025
Nitrate	mg/L	80-120	2.40		0.0034	U	2.5	1	96		02/11/2025
Sulfate	mg/L	80-120	115	OR	103	OR	15	1	80		02/11/2025
Orthophosphate as P	mg/L	80-120	2.70		0.079	U	5	1	54	*	02/11/2025

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Duplicate Sample Summary

Client: G Environmental
Project: Amsterdam
Client ID: RW1MSD

SDG No.: Q1355
Sample ID: Q1355-01
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Nitrate	mg/L	+/-15	2.40		2.40		1	0		02/11/2025
Chloride	mg/L	+/-15	323	OR	323	OR	1	0		02/11/2025
Sulfate	mg/L	+/-15	115	OR	115	OR	1	0		02/11/2025
Bromide	mg/L	+/-15	10.0		9.80		1	2		02/11/2025
Nitrite	mg/L	+/-15	2.90		2.80		1	4		02/11/2025
Orthophosphate as P	mg/L	+/-15	0.57	J	2.70		1	130	*	02/11/2025
Fluoride	mg/L	+/-15	1.10		2.20		1	67	*	02/11/2025

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Laboratory Control Sample Summary

Client: G Environmental **SDG No.:** Q1355

Project: Amsterdam **Run No.:** LB134705

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB134705BSW								
Bromide	mg/L	10	10.2		102	1	90-110	02/11/2025
Chloride	mg/L	3	3.10		103	1	90-110	02/11/2025
Fluoride	mg/L	2	2.00		100	1	90-110	02/11/2025
Nitrite	mg/L	3	3.10		103	1	90-110	02/11/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	02/11/2025
Sulfate	mg/L	15	15.1		101	1	90-110	02/11/2025
Orthophosphate as P	mg/L	5	5.00		100	1	90-110	02/11/2025

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Instrument ID: IC-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB134705

Review By	Niha	Review On	2/14/2025 9:39:38 AM
Supervise By	Iwona	Supervise On	2/14/2025 1:05:32 PM
SubDirectory	LB134705	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP111484,WP111485,WP111486,WP111487,WP111488,WP111489,WP111490
ICV Standard	WP111491
CCV Standard	WP111887
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP111888
Chk Standard	WP111492,WP111493

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	01/20/25 11:14	All standards, samples, and	NF/IZ	OK
2	STD2	STD2	CAL2	01/20/25 11:36	QC are filtered through	NF/IZ	OK
3	STD3	STD3	CAL3	01/20/25 11:57	0.45um, filter lot W3160	NF/IZ	OK
4	STD4	STD4	CAL4	01/20/25 12:18		NF/IZ	OK
5	STD5	STD5	CAL5	01/20/25 12:40		NF/IZ	OK
6	STD6	STD6	CAL6	01/20/25 13:01		NF/IZ	OK
7	STD7	STD7	CAL7	01/20/25 13:23		NF/IZ	OK
8	ICV1	ICV1	ICV	01/20/25 13:44		NF/IZ	OK
9	ICB1	ICB1	ICB	01/20/25 14:06		NF/IZ	OK
10	CCV1	CCV1	CCV	02/11/25 11:07		NF/IZ	OK
11	CCB1	CCB1	CCB	02/11/25 11:29		NF/IZ	OK
12	LB134705BLW	LB134705BLW	MB	02/11/25 11:50		NF/IZ	OK
13	LB134705BSW	LB134705BSW	LCS	02/11/25 12:12		NF/IZ	OK
14	Q1355-01	RW1	SAM	02/11/25 14:49	So4 high	NF/IZ	Dilution
15	Q1355-01MS	RW1MS	MS	02/11/25 15:10	Water - 9.5ml of sample, 0.5mL W3092	NF/IZ	OK
16	Q1355-01MSD	RW1MSD	MSD	02/11/25 15:32	Water - 9.5ml of sample, 0.5mL W3092	NF/IZ	OK
17	Q1355-01DL	RW1DL	SAM	02/11/25 15:54	5X for So4	NF/IZ	Confirms
18	CCV2	CCV2	CCV	02/11/25 16:15		NF/IZ	OK

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Fax : 908 789 8922

Instrument ID: IC-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB134705

Review By	Niha	Review On	2/14/2025 9:39:38 AM
Supervise By	Iwona	Supervise On	2/14/2025 1:05:32 PM
SubDirectory	LB134705	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP111484,WP111485,WP111486,WP111487,WP111488,WP111489,WP111490
ICV Standard	WP111491
CCV Standard	WP111887
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP111888
Chk Standard	WP111492,WP111493

19	CCB2	CCB2	CCB	02/11/25 16:37		NF/IZ	OK

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LAB CHRONICLE

OrderID:	Q1355	**OrderDate:**	2/11/2025 1:38:32 PM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	N41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1355-01	**RW1**	**WATER**			**02/11/25 12:25**			**02/11/25**
			Anions Group1	9056A			02/11/25 14:49	
Q1355-01DL	**RW1DL**	**WATER**			**02/11/25 12:25**			**02/11/25**
			Anions Group1	9056A			02/11/25 15:54	

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.: Q1355
COC Number: 2046130

8
8.1

CLIENT INFORMATION — REPORT TO BE SENT TO:
COMPANY: GeCP INC
ADDRESS: 8 CARRIAGE
CITY: Succasunna STATE: NJ ZIP: 07876
ATTENTION: GARY L
PHONE: FAX:

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

CLIENT BILLING INFORMATION
BILL TO: GEnVironmental PO#:
ADDRESS: 8 CARRIAGE
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: hazsite edd pdf excel

ANALYSIS
1: TCL VOC+15
2: TAL Metals
3: Sulfate
4, 5, 6, 7, 8, 9

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1 (A)	2 (B)	3 (E)	4	5	6	7	8	9	COMMENTS
1.	RW1	GW		X	2/11/25	1225		X	X	X							
2.	MW2	GW		X	2/11/25	1245		X	X								
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	2-11-25 1335	1. [signature] 1335 2-11-25
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ❑ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 4.6 °C
Comments:

Page ____ of ____

CLIENT: ❑ Hand Delivered ❑ Other

Shipment Complete ❑ YES ❑ NO

Q1355

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1355 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 2/11/2025 1:38:32 PM
Project Name : Amsterdam
Receive DateTime : 2/11/2025 1:35:00 PM
Purchase Order :

Project Mgr : Yazmeen
Report Type : NJ Reduced
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff : 2/11/2025 2:31:16 PM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1355-01	RW1	Water	02/11/2025	12:25					
					VOCMS Group1		8260-Low		10 Bus. Days
Q1355-02	MW2	Water	02/11/2025	12:45					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 2/11/25 1440

Received By :
Date / Time : 2/11/25 - 14:40

Storage Area : VOA Refridgerator Room