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

DATA PACKAGE

VOLATILE ORGANICS
METALS

PROJECT NAME : AVE L

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1576

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1576

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Cover Page

Order ID : Q1576

Project ID : Ave L

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1576-01	MW14

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 8:59 am, Mar 28, 2025

Date: 3/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number : - Ave L

Laboratory Sample ID(s) : Q1576 Sampling Date(s) : 03/12/2025

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

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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CASE NARRATIVE

G Environmental
Project Name: Ave L
Project # N/A
Chemtech Project # Q1576
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
1 Water sample was received on 03/14/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

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 VOC-TCLVOA-10 was based on method 8260D.

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

The Continuous Calibration File ID VX045312.D met the requirements except for Carbon Disulfide which is our target compound but failing marginally low, therefore no corrective action taken.
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.
Trip Blank was not provided with this set of samples.

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

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

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Signature_____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 8:59 am, Mar 28, 2025

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CASE NARRATIVE

G Environmental
Project Name: Ave L
Project # N/A
Chemtech Project # Q1576
Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:
1 Water sample was received on 03/14/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL and VOC-TCLVOA-10. 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.
Sample MW14 was diluted due to high concentrations for Arsenic,Mercury.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike (FRAC-TANK-FMI120MS) analysis met criteria for all samples except for Mercury due to matrix interference.
The Matrix Spike (MW14MS) analysis met criteria for all samples except for Barium, Copper, Lead, Silver due to matrix interference.
The Matrix Spike Duplicate (FRAC-TANK-FMI120MSD) analysis met criteria for all samples except for Mercury due to matrix interference.
The Matrix Spike Duplicate (MW14MSD) analysis met criteria for all samples except for Silver due to matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met criteria for all samples.

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 8:59 am, Mar 28, 2025

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Tel. 908-789-8900 Fax: 908-789-8922

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 #: Q1576

	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: MOHAMMAD AHMED **Date:** 03/28/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1576

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW14**								
Q1576-01	MW14	Water	Acetone		3.80	J	1.50	5.00	ug/L
Q1576-01	MW14	Water	1,1-Dichloroethane		0.79	J	0.23	1.00	ug/L
Q1576-01	MW14	Water	Trichloroethene		0.92	J	0.090	1.00	ug/L
			Total Voc :		5.51				
Q1576-01	MW14	Water	Diethyl Ether	*	1.50	J	0.31	1.00	ug/L
			Total Tics :		1.50				
			Total Concentration:		7.01				

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	MW14	SDG No.:	Q1576
Lab Sample ID:	Q1576-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045334.D	1		03/18/25 18:43	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	3.80	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.79	J	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.92	J	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	MW14	SDG No.:	Q1576
Lab Sample ID:	Q1576-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045334.D	1		03/18/25 18:43	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.2		70 (74) - 130 (125)	114%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.7		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	70000	5.544			
540-36-3	1,4-Difluorobenzene	138000	6.757			
3114-55-4	Chlorobenzene-d5	128000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	54200	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	MW14	SDG No.:	Q1576
Lab Sample ID:	Q1576-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045334.D	1		03/18/25 18:43	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
60-29-7	Diethyl Ether	1.50	J		2.13	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

QC SUMMARY

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

SDG No.: Q1576

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1576-01	MW14	1,2-Dichloroethane-d4	50	57.2	114	70 (74)	130 (125)
		Dibromofluoromethane	50	51.8	104	70 (75)	130 (124)
		Toluene-d8	50	51.5	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.7	111	70 (77)	130 (121)
VX0318WBL01	VX0318WBL01	1,2-Dichloroethane-d4	50	56.3	113	70 (74)	130 (125)
		Dibromofluoromethane	50	54.0	108	70 (75)	130 (124)
		Toluene-d8	50	52.3	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.2	104	70 (77)	130 (121)
VX0318WBS01	VX0318WBS01	1,2-Dichloroethane-d4	50	53.2	106	70 (74)	130 (125)
		Dibromofluoromethane	50	52.9	106	70 (75)	130 (124)
		Toluene-d8	50	51.2	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.1	108	70 (77)	130 (121)
VX0318WBSD0	VX0318WBSD01	1,2-Dichloroethane-d4	50	54.3	109	70 (74)	130 (125)
		Dibromofluoromethane	50	52.5	105	70 (75)	130 (124)
		Toluene-d8	50	51.0	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.4	109	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1576

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045315.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0318WBS01	Dichlorodifluoromethane	20	18.6	ug/L	93			40 (69)	160 (116)	
	Chloromethane	20	16.7	ug/L	84			40 (65)	160 (116)	
	Vinyl chloride	20	15.9	ug/L	79			70 (65)	130 (117)	
	Bromomethane	20	18.2	ug/L	91			40 (58)	160 (125)	
	Chloroethane	20	20.3	ug/L	102			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.6	ug/L	93			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/L	104			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.5	ug/L	93			70 (74)	130 (110)	
	Acetone	100	99.4	ug/L	99			40 (60)	160 (125)	
	Carbon disulfide	20	14.6	ug/L	73			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.8	ug/L	99			70 (78)	130 (114)	
	Methyl Acetate	20	24.5	ug/L	123			70 (67)	130 (125)	
	Methylene Chloride	20	18.8	ug/L	94			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.7	ug/L	94			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.7	ug/L	99			70 (78)	130 (112)	
	Cyclohexane	20	18.6	ug/L	93			70 (75)	130 (110)	
	2-Butanone	100	100	ug/L	100			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.7	ug/L	99			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.6	ug/L	98			70 (77)	130 (110)	
	Bromochloromethane	20	21.8	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	20.5	ug/L	103			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			70 (80)	130 (108)	
	Methylcyclohexane	20	19.8	ug/L	99			70 (72)	130 (115)	
	Benzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.3	ug/L	106			70 (80)	130 (115)	
	Trichloroethene	20	18.9	ug/L	95			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.8	ug/L	99			70 (83)	130 (111)	
	Bromodichloromethane	20	20.6	ug/L	103			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.5	ug/L	103			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.4	ug/L	102			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	21.2	ug/L	106			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.5	ug/L	103			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	20.3	ug/L	102			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.4	ug/L	102			70 (81)	130 (110)	
	Tetrachloroethene	20	20.0	ug/L	100			70 (67)	130 (123)	
	Chlorobenzene	20	19.9	ug/L	100			70 (82)	130 (109)	
	Ethyl Benzene	20	20.3	ug/L	102			70 (83)	130 (109)	
	m/p-Xylenes	40	41.2	ug/L	103			70 (82)	130 (110)	
	o-Xylene	20	20.1	ug/L	101			70 (83)	130 (109)	
	Styrene	20	20.9	ug/L	104			70 (80)	130 (111)	
	Bromoform	20	20.0	ug/L	100			70 (79)	130 (109)	
	Isopropylbenzene	20	21.0	ug/L	105			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.2	ug/L	101			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.2	ug/L	101			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.9	ug/L	100			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	20.5	ug/L	103			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1576

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045315.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0318WBS01	1,2-Dibromo-3-Chloropropane	20	20.1	ug/L	101			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.7	ug/L	99			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.7	ug/L	99			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1576

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045316.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0318WBSD01	Dichlorodifluoromethane	20	18.7	ug/L	94	1		40 (69)	160 (116)	20 (20)
	Chloromethane	20	16.8	ug/L	84	0		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	15.8	ug/L	79	0		70 (65)	130 (117)	20 (20)
	Bromomethane	20	18.4	ug/L	92	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.8	ug/L	99	3		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	17.9	ug/L	90	3		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	21.2	ug/L	106	2		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	18.4	ug/L	92	1		70 (74)	130 (110)	20 (20)
	Acetone	100	100	ug/L	100	1		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	14.8	ug/L	74	1		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.5	ug/L	103	4		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	25.7	ug/L	129	5		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.1	ug/L	96	2		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.4	ug/L	92	2		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	19.7	ug/L	99	0		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.7	ug/L	94	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	110	ug/L	110	10		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.7	ug/L	99	0		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.5	ug/L	98	0		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	22.4	ug/L	112	3		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.1	ug/L	101	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.8	ug/L	99	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	20.5	ug/L	103	4		70 (72)	130 (115)	20 (20)
	Benzene	20	19.7	ug/L	99	0		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	21.6	ug/L	108	2		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.0	ug/L	95	0		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	20.5	ug/L	103	4		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	20.4	ug/L	102	1		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (20)
	Toluene	20	20.4	ug/L	102	1		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	20.5	ug/L	103	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.6	ug/L	108	2		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.3	ug/L	106	3		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	21.4	ug/L	107	5		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	21.3	ug/L	106	4		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	19.6	ug/L	98	2		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.0	ug/L	100	0		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	20.2	ug/L	101	1		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	41.3	ug/L	103	0		70 (82)	130 (110)	20 (20)
	o-Xylene	20	20.3	ug/L	102	1		70 (83)	130 (109)	20 (20)
	Styrene	20	21.2	ug/L	106	2		70 (80)	130 (111)	20 (20)
	Bromoform	20	20.4	ug/L	102	2		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.7	ug/L	104	1		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	20.8	ug/L	104	3		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.8	ug/L	104	3		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.3	ug/L	102	2		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	20.9	ug/L	104	1		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1576

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045316.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0318WBSD01	1,2-Dibromo-3-Chloropropane	20	21.1	ug/L	106	5		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	20.1	ug/L	101	2		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	20.1	ug/L	101	2		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0318WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

Lab File ID: VX045314.D Lab Sample ID: VX0318WBL01

Date Analyzed: 03/18/2025 Time Analyzed: 10:53

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
VX0318WBS01	VX0318WBS01	VX045315.D	03/18/2025
VX0318WBSD01	VX0318WBSD01	VX045316.D	03/18/2025
MW14	Q1576-01	VX045334.D	03/18/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

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

Instrument ID: MSVOA_X BFB Injection Time: 01:03

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.7
75	30.0 - 60.0% of mass 95	53.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	73.8
175	5.0 - 9.0% of mass 174	5.8 (7.9) 1
176	95.0 - 101.0% of mass 174	70.6 (95.6) 1
177	5.0 - 9.0% of mass 176	4.3 (6.2) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX045068.D	02/28/2025	01:27
VSTDICC005	VSTDICC005	VX045069.D	02/28/2025	02:13
VSTDICC020	VSTDICC020	VX045070.D	02/28/2025	02:37
VSTDICCC050	VSTDICCC050	VX045071.D	02/28/2025	03:00
VSTDICC100	VSTDICC100	VX045072.D	02/28/2025	03:23
VSTDICC150	VSTDICC150	VX045073.D	02/28/2025	03:47

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

Lab File ID: VX045311.D BFB Injection Date: 03/18/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:33

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.5
75	30.0 - 60.0% of mass 95	54.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	70.3
175	5.0 - 9.0% of mass 174	5.5 (7.9) 1
176	95.0 - 101.0% of mass 174	67.9 (96.5) 1
177	5.0 - 9.0% of mass 176	4.4 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045312.D	03/18/2025	10:02
VX0318WBL01	VX0318WBL01	VX045314.D	03/18/2025	10:53
VX0318WBS01	VX0318WBS01	VX045315.D	03/18/2025	11:16
VX0318WBSD01	VX0318WBSD01	VX045316.D	03/18/2025	11:43
MW14	Q1576-01	VX045334.D	03/18/2025	18:43

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

Lab File ID: VX045312.D Date Analyzed: 03/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

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	99818	5.54	175808	6.76	151375	10.05
UPPER LIMIT	199636	6.044	351616	7.257	302750	10.549
LOWER LIMIT	49909	5.044	87904	6.257	75687.5	9.549
EPA SAMPLE NO.						
MW14	70033	5.54	137531	6.76	128480	10.05
VX0318WBL01	66984	5.54	130552	6.76	117786	10.05
VX0318WBS01	101216	5.55	179978	6.76	159085	10.05
VX0318WBSD01	94187	5.54	168890	6.76	150181	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.: Q1576 SAS No.: Q1576 SDG NO.: Q1576

Lab File ID: VX045312.D Date Analyzed: 03/18/2025

Instrument ID: MSVOA_X Time Analyzed: 10:02

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

	IS4 AREA #	RT #				
12 HOUR STD	71356	12.018				
UPPER LIMIT	142712	12.518				
LOWER LIMIT	35678	11.518				
EPA SAMPLE NO.						
MW14	54246	12.02				
VX0318WBL01	46358	12.02				
VX0318WBS01	70581	12.02				
VX0318WBSD01	66832	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:	Ave L	Date Received:	
Client Sample ID:	VX0318WBL01	SDG No.:	Q1576
Lab Sample ID:	VX0318WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045314.D	1		03/18/25 10:53	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	VX0318WBL01	SDG No.:	Q1576
Lab Sample ID:	VX0318WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045314.D	1		03/18/25 10:53	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.3		70 (74) - 130 (125)	113%	SPK: 50
1868-53-7	Dibromofluoromethane	54.0		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	52.3		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	67000	5.544			
540-36-3	1,4-Difluorobenzene	131000	6.757			
3114-55-4	Chlorobenzene-d5	118000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	46400	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	VX0318WBL01	SDG No.:	Q1576
Lab Sample ID:	VX0318WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045314.D	1		03/18/25 10:53	VX031825

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:	Ave L	Date Received:	
Client Sample ID:	VX0318WBS01	SDG No.:	Q1576
Lab Sample ID:	VX0318WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045315.D	1		03/18/25 11:16	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.6		0.22	1.00	ug/L
74-87-3	Chloromethane	16.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	15.9		0.26	1.00	ug/L
74-83-9	Bromomethane	18.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.6		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
67-64-1	Acetone	99.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	14.6		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	24.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.7		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.6		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.8		0.22	1.00	ug/L
67-66-3	Chloroform	20.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.8		0.16	1.00	ug/L
71-43-2	Benzene	19.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.8		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.5		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	VX0318WBS01	SDG No.:	Q1576
Lab Sample ID:	VX0318WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045315.D	1		03/18/25 11:16	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.2		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.4		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	41.2		0.24	2.00	ug/L
95-47-6	o-Xylene	20.1		0.12	1.00	ug/L
100-42-5	Styrene	20.9		0.15	1.00	ug/L
75-25-2	Bromoform	20.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.0		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.2		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		70 (77) - 130 (121)	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	101000	5.55			
540-36-3	1,4-Difluorobenzene	180000	6.757			
3114-55-4	Chlorobenzene-d5	159000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	70600	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	VX0318WBS01	SDG No.:	Q1576
Lab Sample ID:	VX0318WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045315.D	1		03/18/25 11:16	VX031825

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:	Ave L	Date Received:	
Client Sample ID:	VX0318WBSD01	SDG No.:	Q1576
Lab Sample ID:	VX0318WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045316.D	1		03/18/25 11:43	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	16.8		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	15.8		0.26	1.00	ug/L
74-83-9	Bromomethane	18.4		1.40	5.00	ug/L
75-00-3	Chloroethane	19.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	17.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.2		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	14.8		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	25.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.7		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.7		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.4		0.22	1.00	ug/L
67-66-3	Chloroform	20.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.5		0.16	1.00	ug/L
71-43-2	Benzene	19.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.0		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.5		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.4		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.4		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	VX0318WBSD01	SDG No.:	Q1576
Lab Sample ID:	VX0318WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045316.D	1		03/18/25 11:43	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	20.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.6		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.4		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.6		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	41.3		0.24	2.00	ug/L
95-47-6	o-Xylene	20.3		0.12	1.00	ug/L
100-42-5	Styrene	21.2		0.15	1.00	ug/L
75-25-2	Bromoform	20.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.8		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.3		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	21.1		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.5		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94200	5.544			
540-36-3	1,4-Difluorobenzene	169000	6.757			
3114-55-4	Chlorobenzene-d5	150000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	66800	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave L	Date Received:	
Client Sample ID:	VX0318WBSD01	SDG No.:	Q1576
Lab Sample ID:	VX0318WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045316.D	1		03/18/25 11:43	VX031825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG No.: Q1576

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

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

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

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

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.624	0.646	0.646	0.627	0.626	0.607	0.629	2.4
Chloromethane	0.755	0.821	0.828	0.753	0.721	0.744	0.770	5.7
Vinyl Chloride	0.773	0.755	0.774	0.761	0.765	0.758	0.764	1
Bromomethane		0.337	0.298	0.292	0.284	0.291	0.300	7
Chloroethane	0.373	0.421	0.366	0.373	0.297	0.286	0.352	14.5
Trichlorofluoromethane	0.978	1.061	1.050	1.050	0.982	0.948	1.012	4.7
1,1,2-Trichlorotrifluoroethane	0.526	0.613	0.595	0.594	0.596	0.563	0.581	5.4
1,1-Dichloroethene	0.609	0.620	0.612	0.623	0.620	0.603	0.614	1.3
Acetone	0.414	0.363	0.384	0.351	0.345	0.356	0.369	7
Carbon Disulfide	1.584	1.582	1.587	1.660	1.708	1.698	1.636	3.6
Methyl tert-butyl Ether	1.955	1.913	2.127	2.083	2.132	2.158	2.061	5
Methyl Acetate	0.954	0.835	0.903	0.867	0.869	0.899	0.888	4.6
Methylene Chloride	0.806	0.730	0.752	0.698	0.694	0.706	0.731	5.8
trans-1,2-Dichloroethene	0.540	0.619	0.603	0.631	0.634	0.616	0.607	5.7
1,1-Dichloroethane	1.200	1.223	1.280	1.242	1.270	1.264	1.247	2.5
Cyclohexane		1.021	1.087	1.108	1.142	1.052	1.082	4.3
2-Butanone	0.476	0.545	0.610	0.579	0.553	0.570	0.555	8.1
Carbon Tetrachloride	0.463	0.463	0.447	0.468	0.489	0.463	0.465	3
cis-1,2-Dichloroethene	0.687	0.746	0.765	0.762	0.767	0.769	0.749	4.2
Bromochloromethane	0.557	0.633	0.613	0.603	0.563	0.596	0.594	5
Chloroform	1.206	1.247	1.278	1.246	1.230	1.225	1.239	2
1,1,1-Trichloroethane	0.908	0.992	1.009	1.024	1.044	1.025	1.000	4.8
Methylcyclohexane	0.464	0.530	0.560	0.585	0.607	0.550	0.549	9.1
Benzene	1.321	1.459	1.491	1.496	1.497	1.424	1.448	4.7
1,2-Dichloroethane	0.487	0.525	0.545	0.528	0.524	0.520	0.521	3.6
Trichloroethene	0.319	0.351	0.339	0.341	0.354	0.336	0.340	3.7
1,2-Dichloropropane	0.354	0.378	0.382	0.371	0.376	0.373	0.372	2.7
Bromodichloromethane	0.478	0.503	0.536	0.524	0.528	0.528	0.516	4.2
4-Methyl-2-Pentanone	0.535	0.570	0.647	0.610	0.579	0.579	0.587	6.5
Toluene	0.716	0.872	0.892	0.898	0.874	0.845	0.849	8

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

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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG No.: Q1576

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

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

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

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

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.304	0.389	0.436	0.469	0.490	0.502	0.431	17.3
cis-1,3-Dichloropropene	0.404	0.463	0.509	0.535	0.555	0.553	0.503	11.8
1,1,2-Trichloroethane	0.346	0.348	0.371	0.356	0.341	0.336	0.350	3.6
2-Hexanone	0.349	0.412	0.476	0.448	0.431	0.436	0.425	10.1
Dibromochloromethane	0.305	0.349	0.390	0.384	0.385	0.380	0.366	9
1,2-Dibromoethane	0.311	0.352	0.371	0.356	0.355	0.350	0.349	5.7
Tetrachloroethene	0.315	0.326	0.319	0.324	0.329	0.309	0.320	2.3
Chlorobenzene	0.968	1.054	1.090	1.092	1.100	1.045	1.058	4.7
Ethyl Benzene	1.566	1.794	1.889	1.952	1.972	1.888	1.843	8.1
m/p-Xylenes	0.555	0.672	0.711	0.724	0.715	0.673	0.675	9.3
o-Xylene	0.609	0.689	0.702	0.706	0.707	0.670	0.681	5.5
Styrene	0.879	1.060	1.170	1.181	1.183	1.134	1.101	10.7
Bromoform	0.209	0.234	0.276	0.276	0.300	0.300	0.266	13.9
Isopropylbenzene	3.397	4.034	3.999	4.135	4.006	3.845	3.903	6.8
1,1,2,2-Tetrachloroethane	1.395	1.479	1.513	1.419	1.391	1.396	1.432	3.6
1,3-Dichlorobenzene	1.502	1.652	1.710	1.668	1.675	1.649	1.643	4.4
1,4-Dichlorobenzene	1.605	1.702	1.665	1.687	1.669	1.643	1.662	2.1
1,2-Dichlorobenzene	1.479	1.695	1.735	1.668	1.687	1.622	1.648	5.5
1,2-Dibromo-3-Chloropropane	0.237	0.243	0.285	0.289	0.300	0.320	0.279	11.6
1,2,4-Trichlorobenzene	0.668	0.821	0.978	1.009	1.074	1.080	0.938	17.3
1,2,3-Trichlorobenzene	0.747	0.897	1.032	1.059	1.107	1.096	0.990	14.2
1,2-Dichloroethane-d4		0.836	0.784	0.757	0.783	0.817	0.795	3.9
Dibromofluoromethane		0.329	0.335	0.329	0.340	0.338	0.334	1.5
Toluene-d8		1.237	1.191	1.210	1.219	1.203	1.212	1.4
4-Bromofluorobenzene		0.383	0.393	0.402	0.410	0.421	0.402	3.7

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

Alliance TECHNICAL GROUP
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1576 SAS No.: Q1576 SDG No.: Q1576

Instrument ID: MSVOA_X Calibration Date/Time: 03/18/2025 10:02

Lab File ID: VX045312.D Init. Calib. Date(s): 02/28/2025 02/28/2025

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

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.629	0.603		-4.13	20
Chloromethane	0.770	0.700	0.1	-9.09	20
Vinyl Chloride	0.764	0.630		-17.54	20
Bromomethane	0.300	0.274		-8.67	20
Chloroethane	0.352	0.317		-9.94	20
Trichlorofluoromethane	1.012	0.936		-7.51	20
1,1,2-Trichlorotrifluoroethane	0.581	0.621		6.89	20
1,1-Dichloroethene	0.614	0.582		-5.21	20
Acetone	0.369	0.341		-7.59	20
Carbon Disulfide	1.636	1.304		-20.29	20
Methyl tert-butyl Ether	2.061	2.048		-0.63	20
Methyl Acetate	0.888	1.047		17.91	20
Methylene Chloride	0.731	0.679		-7.11	20
trans-1,2-Dichloroethene	0.607	0.576		-5.11	20
1,1-Dichloroethane	1.247	1.218	0.1	-2.33	20
Cyclohexane	1.082	1.015		-6.19	20
2-Butanone	0.555	0.537		-3.24	20
Carbon Tetrachloride	0.465	0.471		1.29	20
cis-1,2-Dichloroethene	0.749	0.729		-2.67	20
Bromochloromethane	0.594	0.601		1.18	20
Chloroform	1.239	1.221		-1.45	20
1,1,1-Trichloroethane	1.000	0.996		-0.4	20
Methylcyclohexane	0.549	0.568		3.46	20
Benzene	1.448	1.413		-2.42	20
1,2-Dichloroethane	0.521	0.545		4.61	20
Trichloroethene	0.340	0.329		-3.23	20
1,2-Dichloropropane	0.372	0.365		-1.88	20
Bromodichloromethane	0.516	0.537		4.07	20
4-Methyl-2-Pentanone	0.587	0.609		3.75	20
Toluene	0.849	0.858		1.06	20
t-1,3-Dichloropropene	0.431	0.479		11.14	20
cis-1,3-Dichloropropene	0.503	0.545		8.35	20
1,1,2-Trichloroethane	0.350	0.352		0.57	20
2-Hexanone	0.425	0.449		5.65	20
Dibromochloromethane	0.366	0.388		6.01	20
1,2-Dibromoethane	0.349	0.352		0.86	20
Tetrachloroethene	0.320	0.327		2.19	20
Chlorobenzene	1.058	1.075	0.3	1.61	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.: Q1576 SAS No.: Q1576 SDG No.: Q1576

Instrument ID: MSVOA_X Calibration Date/Time: 03/18/2025 10:02

Lab File ID: VX045312.D Init. Calib. Date(s): 02/28/2025 02/28/2025

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

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.843	1.908		3.53	20
m/p-Xylenes	0.675	0.703		4.15	20
o-Xylene	0.681	0.698		2.5	20
Styrene	1.101	1.193		8.36	20
Bromoform	0.266	0.287	0.1	7.89	20
Isopropylbenzene	3.903	3.904		0.03	20
1,1,2,2-Tetrachloroethane	1.432	1.398	0.3	-2.37	20
1,3-Dichlorobenzene	1.643	1.686		2.62	20
1,4-Dichlorobenzene	1.662	1.658		-0.24	20
1,2-Dichlorobenzene	1.648	1.675		1.64	20
1,2-Dibromo-3-Chloropropane	0.279	0.294		5.38	20
1,2,4-Trichlorobenzene	0.938	1.026		9.38	20
1,2,3-Trichlorobenzene	0.990	1.049		5.96	20
1,2-Dichloroethane-d4	0.795	0.819		3.02	20
Dibromofluoromethane	0.334	0.351		5.09	20
Toluene-d8	1.212	1.212		0	20
4-Bromofluorobenzene	0.402	0.438		8.95	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\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14

Quant Time: Mar 19 01:49:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

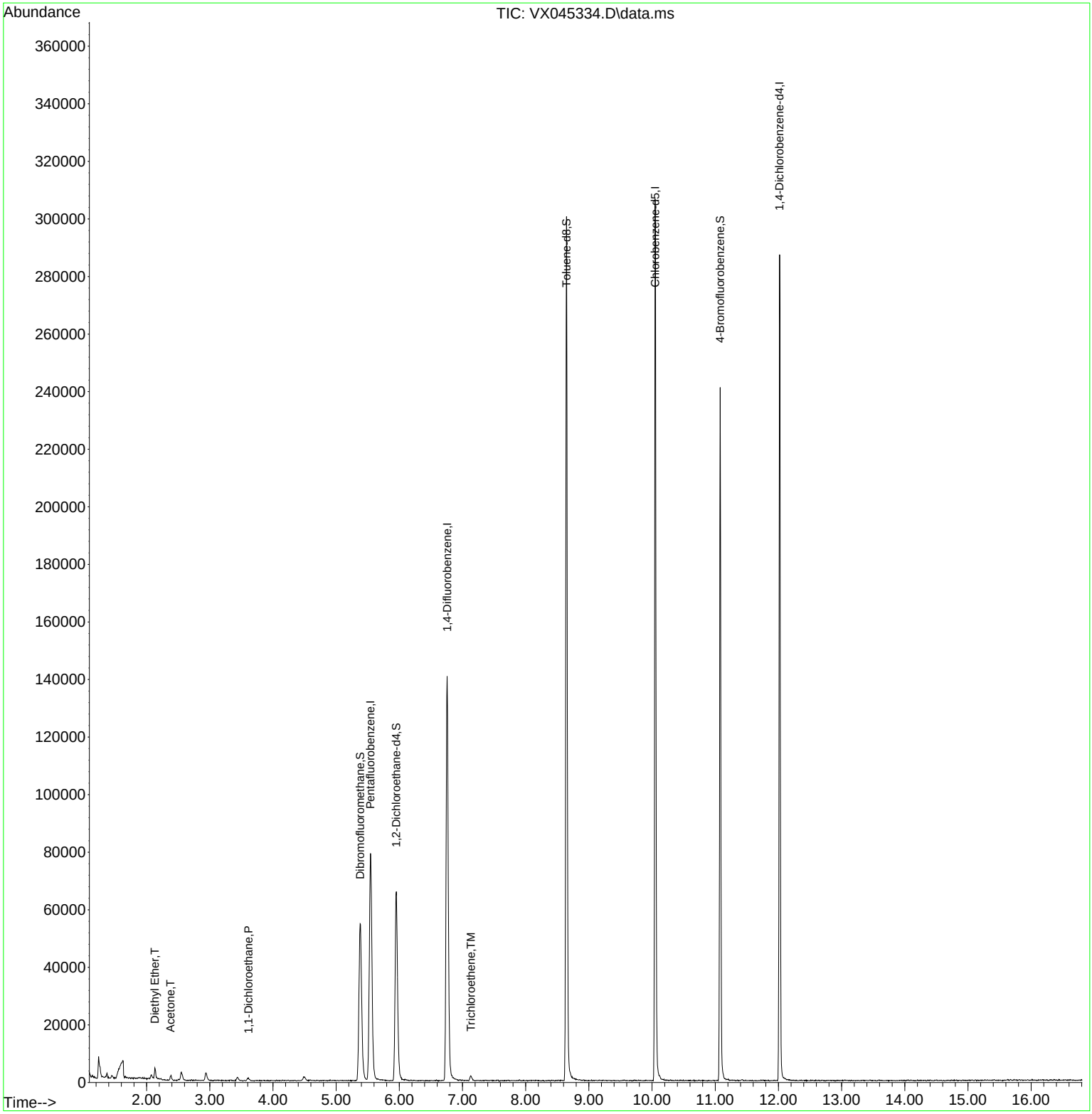
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	70033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	137531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	128480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63738	57.217	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.440%			
35) Dibromofluoromethane	5.379	113	47622	51.784	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.560%			
50) Toluene-d8	8.647	98	171547	51.454	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.900%			
62) 4-Bromofluorobenzene	11.079	95	61548	55.710	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.420%			
Target Compounds						Qvalue
8) Diethyl Ether	2.130	74	818	1.476	ug/l	50
16) Acetone	2.379	43	1951	3.775	ug/l	96
24) 1,1-Dichloroethane	3.611	63	1375	0.788	ug/l #	83
44) Trichloroethene	7.135	130	860	0.920	ug/l	98

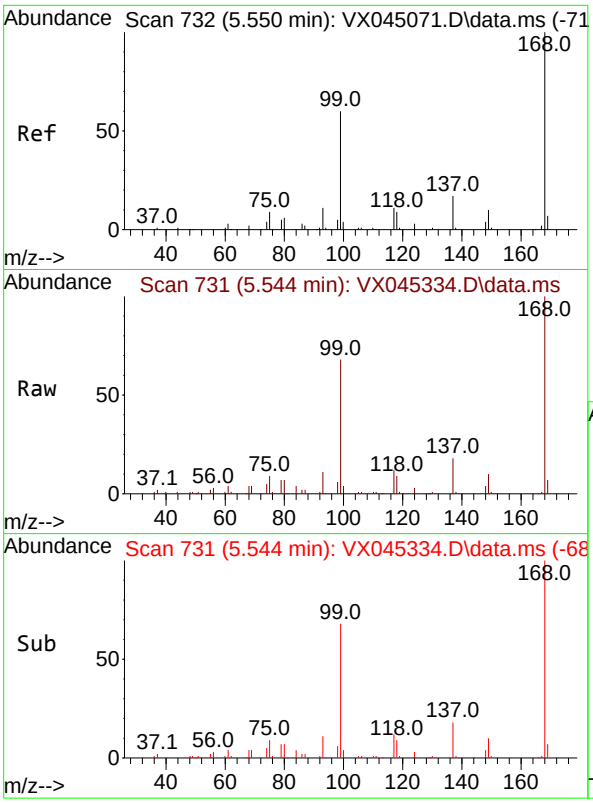
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14

Quant Time: Mar 19 01:49:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



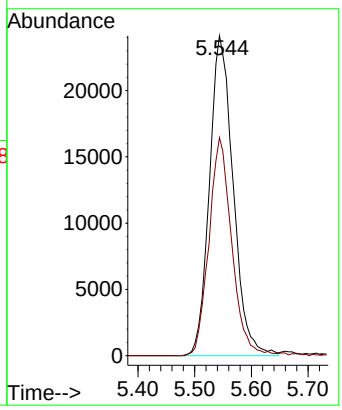


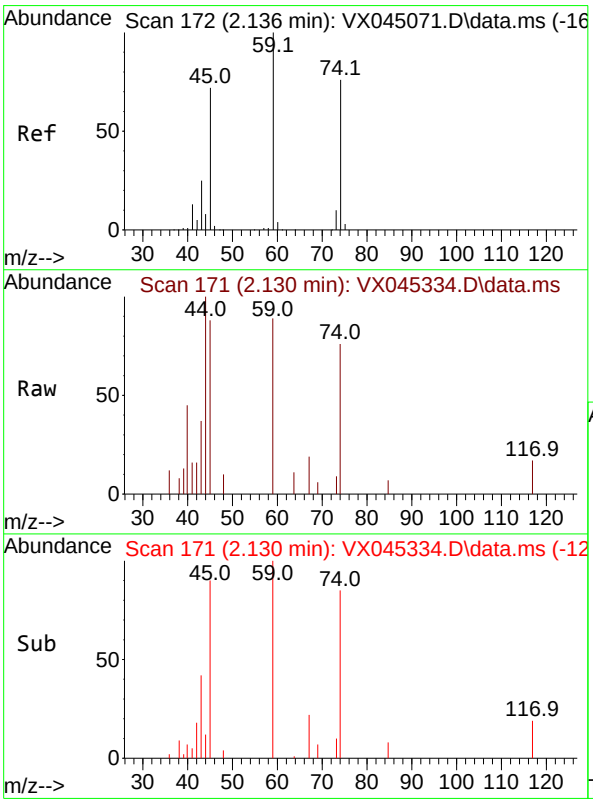
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:168 Resp: 70033

Ion	Ratio	Lower	Upper
168	100		
99	68.2	48.2	72.4

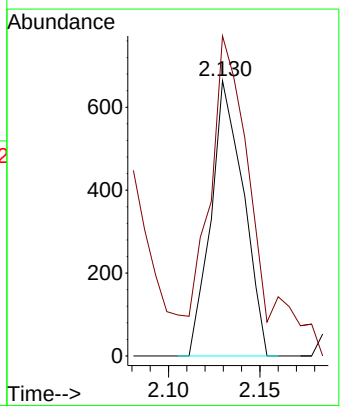


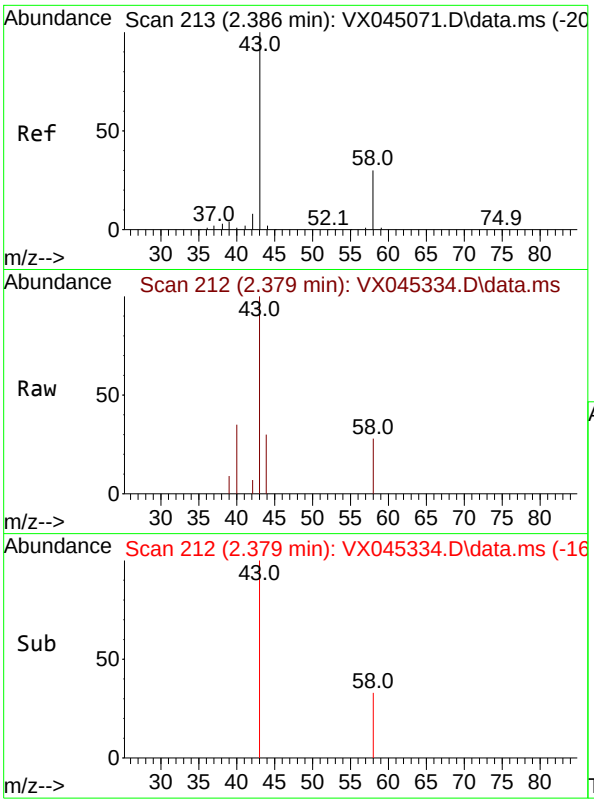


#8
Diethyl Ether
Concen: 1.476 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 74 Resp: 818

Ion	Ratio	Lower	Upper
74	100		
45	153.4	51.5	154.5



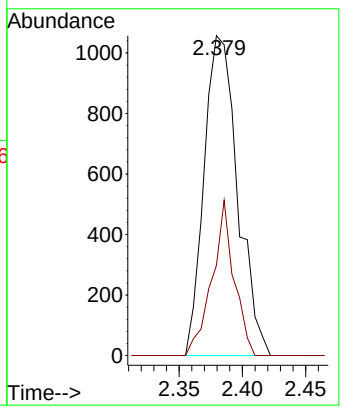


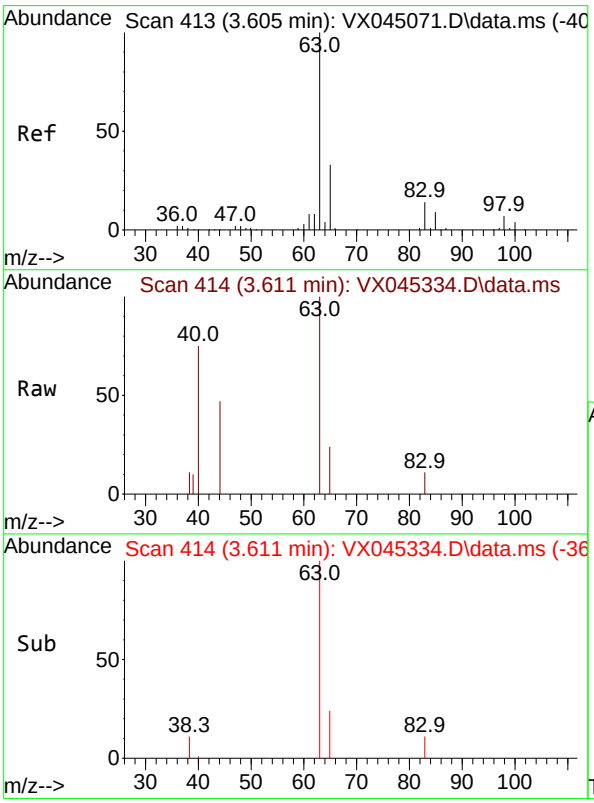
#16
Acetone
Concen: 3.775 ug/l
RT: 2.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 43 Resp: 1951

Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.2	36.4

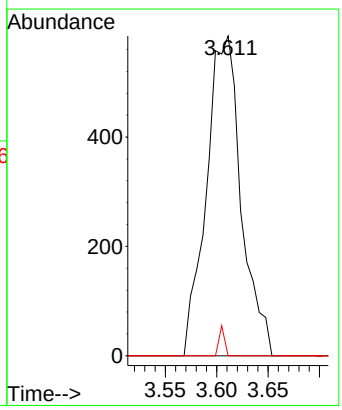


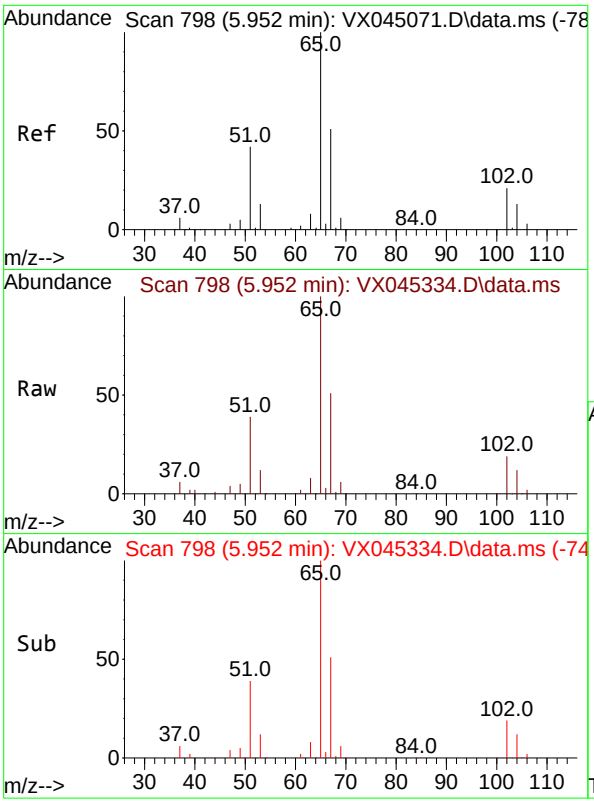


#24
1,1-Dichloroethane
Concen: 0.788 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 63 Resp: 1375

Ion	Ratio	Lower	Upper
63	100		
98	0.0	3.4	10.2#
100	0.0	2.1	6.5#



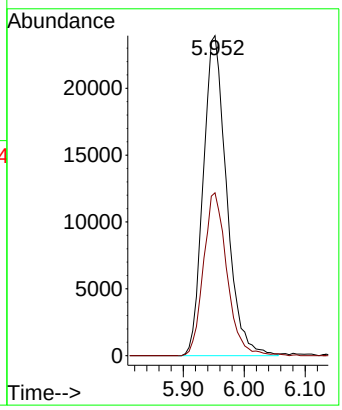


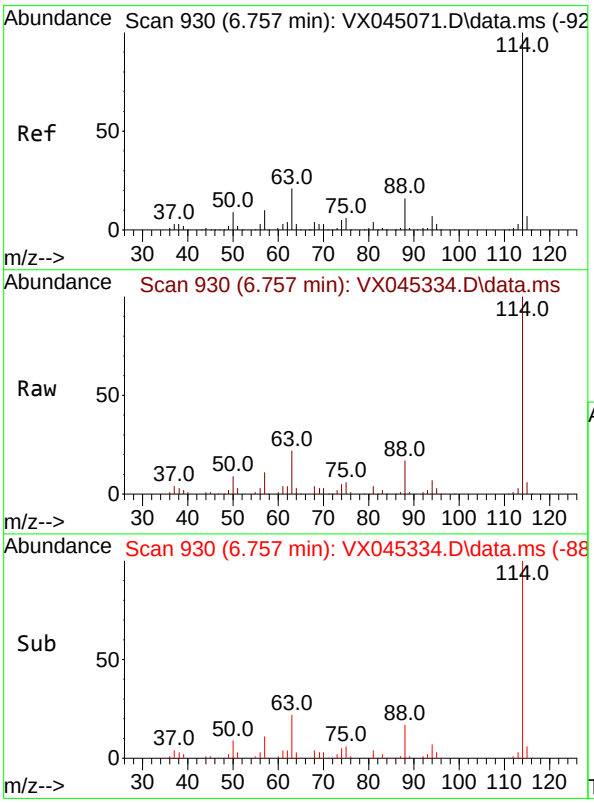
#33
1,2-Dichloroethane-d4
Concen: 57.217 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 65 Resp: 63738

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	106.2

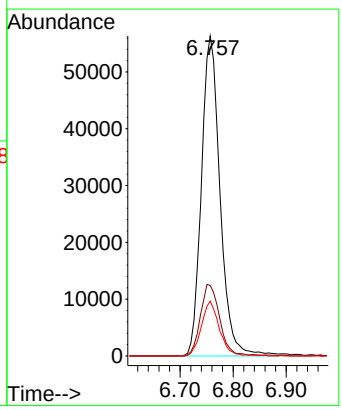


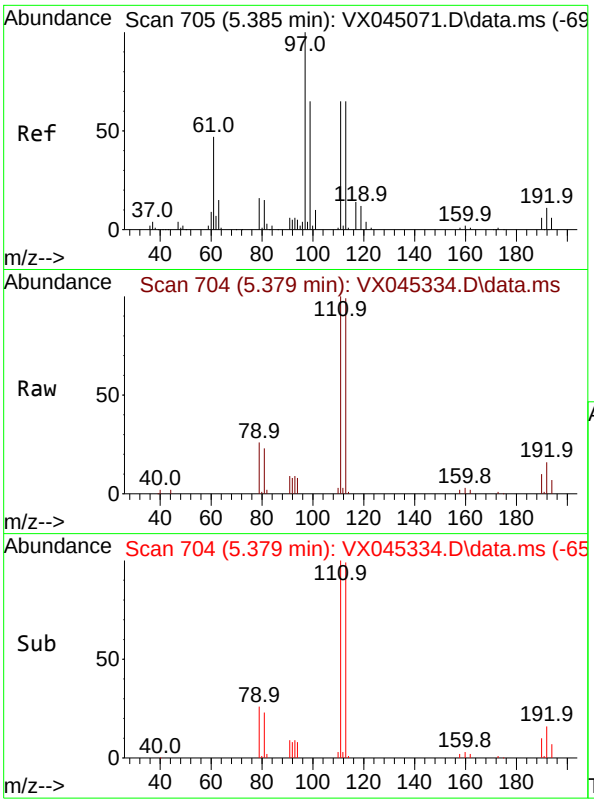


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:114 Resp: 137531

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	41.8
88	17.2	0.0	32.8



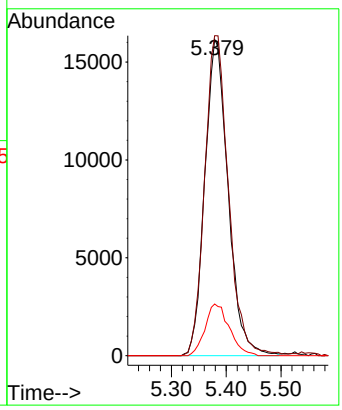


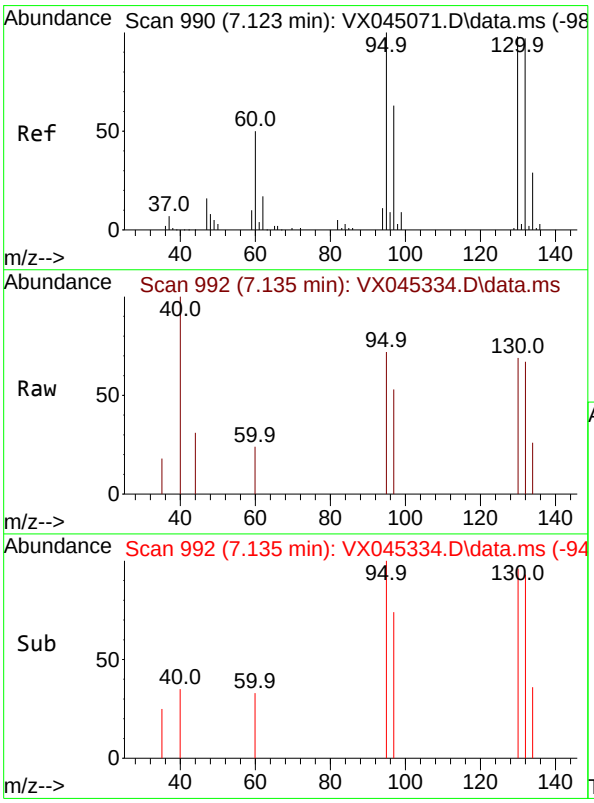
#35
Dibromofluoromethane
Concen: 51.784 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:113 Resp: 47622

Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	17.0	14.3	21.5

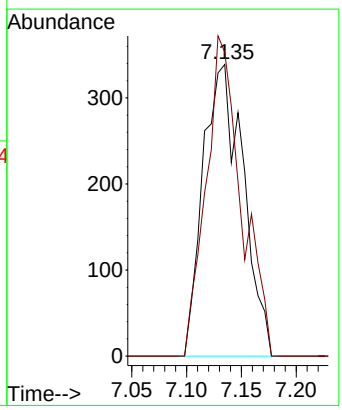


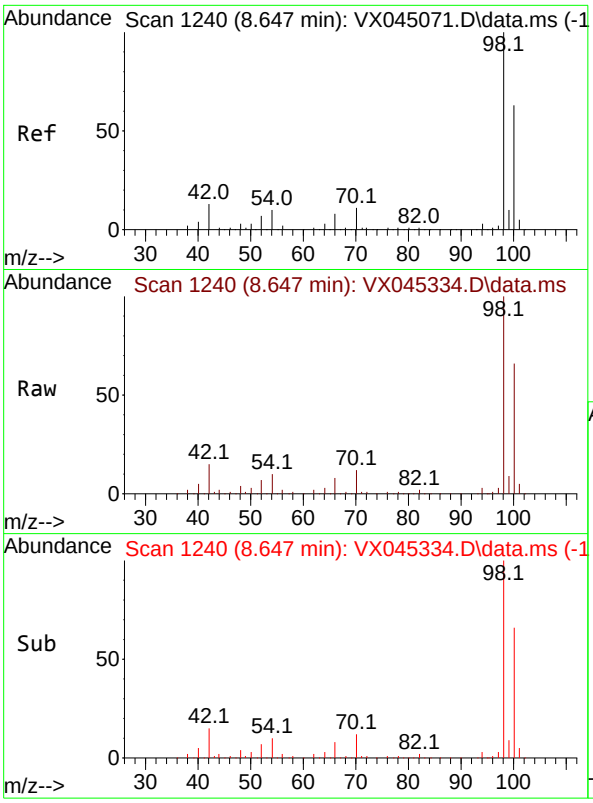


#44
Trichloroethene
Concen: 0.920 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:130 Resp: 860

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	205.0



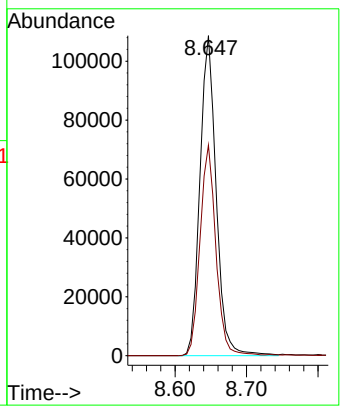


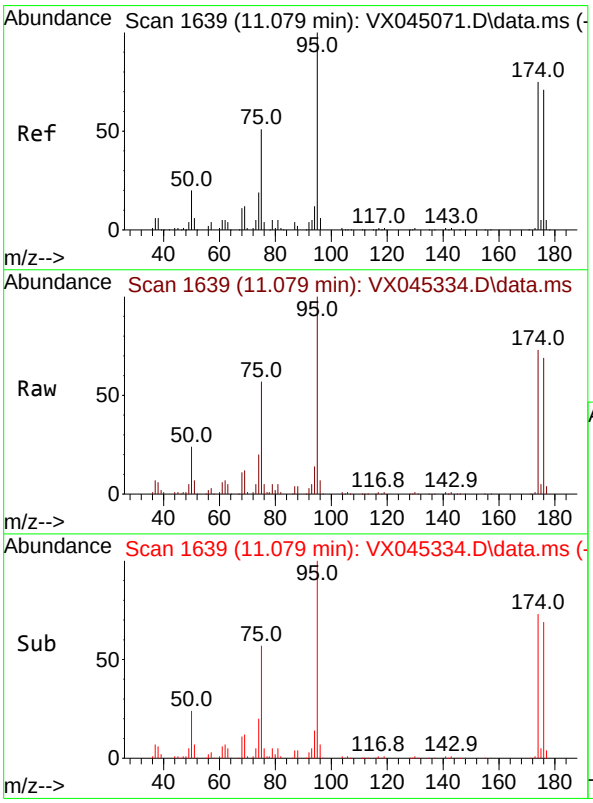
#50
Toluene-d8
Concen: 51.454 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 98 Resp: 171547

Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0

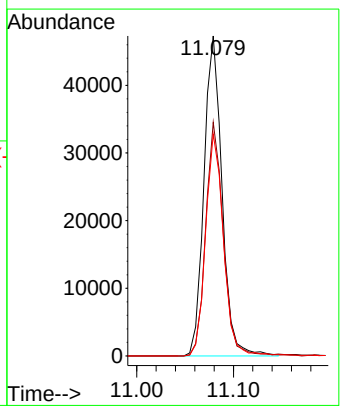


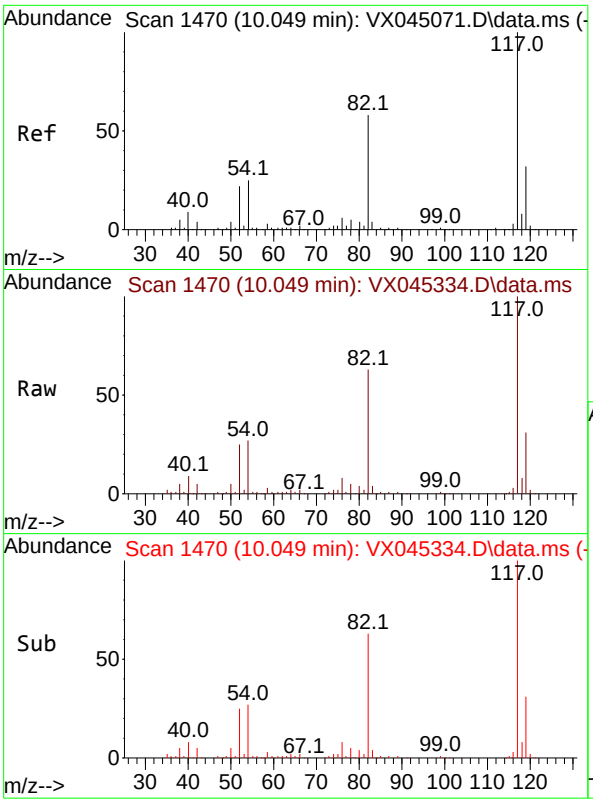


#62
4-Bromofluorobenzene
Concen: 55.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion: 95 Resp: 61548

Ion	Ratio	Lower	Upper
95	100		
174	71.3	0.0	148.2
176	69.2	0.0	141.4



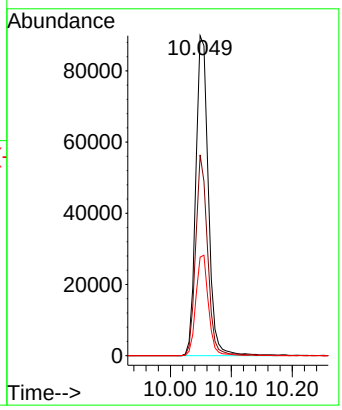


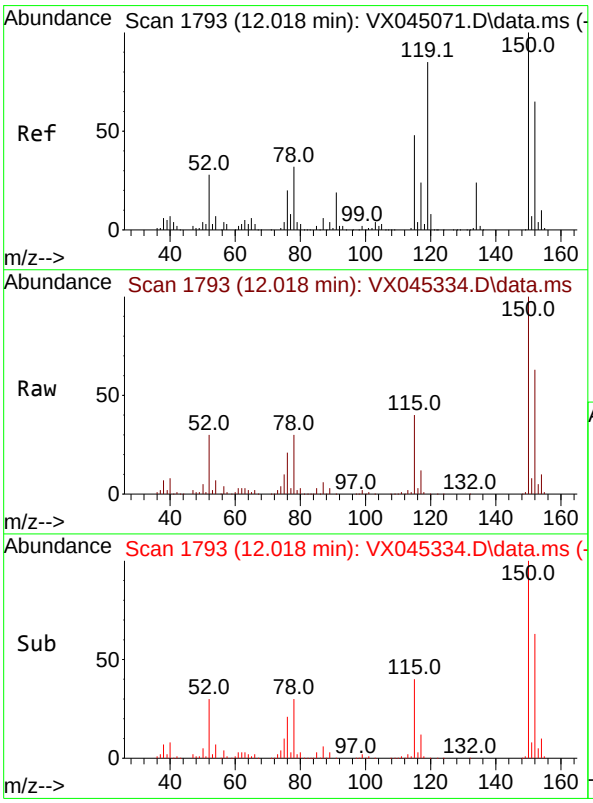
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:117 Resp: 128480

Ion	Ratio	Lower	Upper
117	100		
82	62.8	46.3	69.5
119	30.8	25.7	38.5

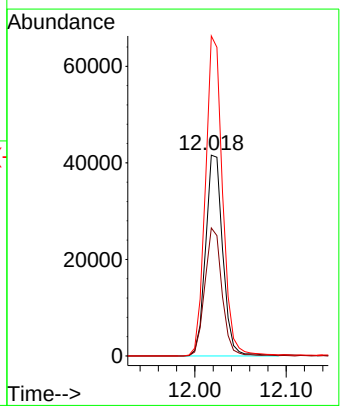




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045334.D
Acq: 18 Mar 2025 18:43

Tgt Ion:152 Resp: 54246

Ion	Ratio	Lower	Upper
152	100		
115	63.6	44.2	132.6
150	159.6	0.0	349.0



Sample Results: **VX045334.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14

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\82X022825W.M
Title : SW846 8260

Signal : TIC: VX045334.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.239	21	25	33	rBV2	7673	14286	3.00%	0.566%
2	1.556	70	77	78	rBV5	3322	5732	1.20%	0.227%
3	1.605	78	85	86	rVV4	2277	5097	1.07%	0.202%
4	2.130	168	171	181	rVB3	3819	5864	1.23%	0.232%
5	2.550	235	240	248	rVB2	2746	5530	1.16%	0.219%
6	2.940	297	304	311	rBV2	2680	5907	1.24%	0.234%
7	5.379	694	704	721	rBV2	54456	162483	34.09%	6.433%
8	5.544	721	731	748	rVV	78590	223753	46.95%	8.858%
9	5.952	789	798	812	rBV	65645	175500	36.82%	6.948%
10	6.757	921	930	945	rBV	140420	339350	71.20%	13.434%
11	8.647	1234	1240	1255	rBV	300132	476597	100.00%	18.868%
12	10.049	1465	1470	1488	rBV	306379	429227	90.06%	16.993%
13	11.079	1634	1639	1650	rBV	240854	310100	65.07%	12.276%
14	12.018	1788	1793	1806	rBV	287016	366543	76.91%	14.511%

Sum of corrected areas: 2525969

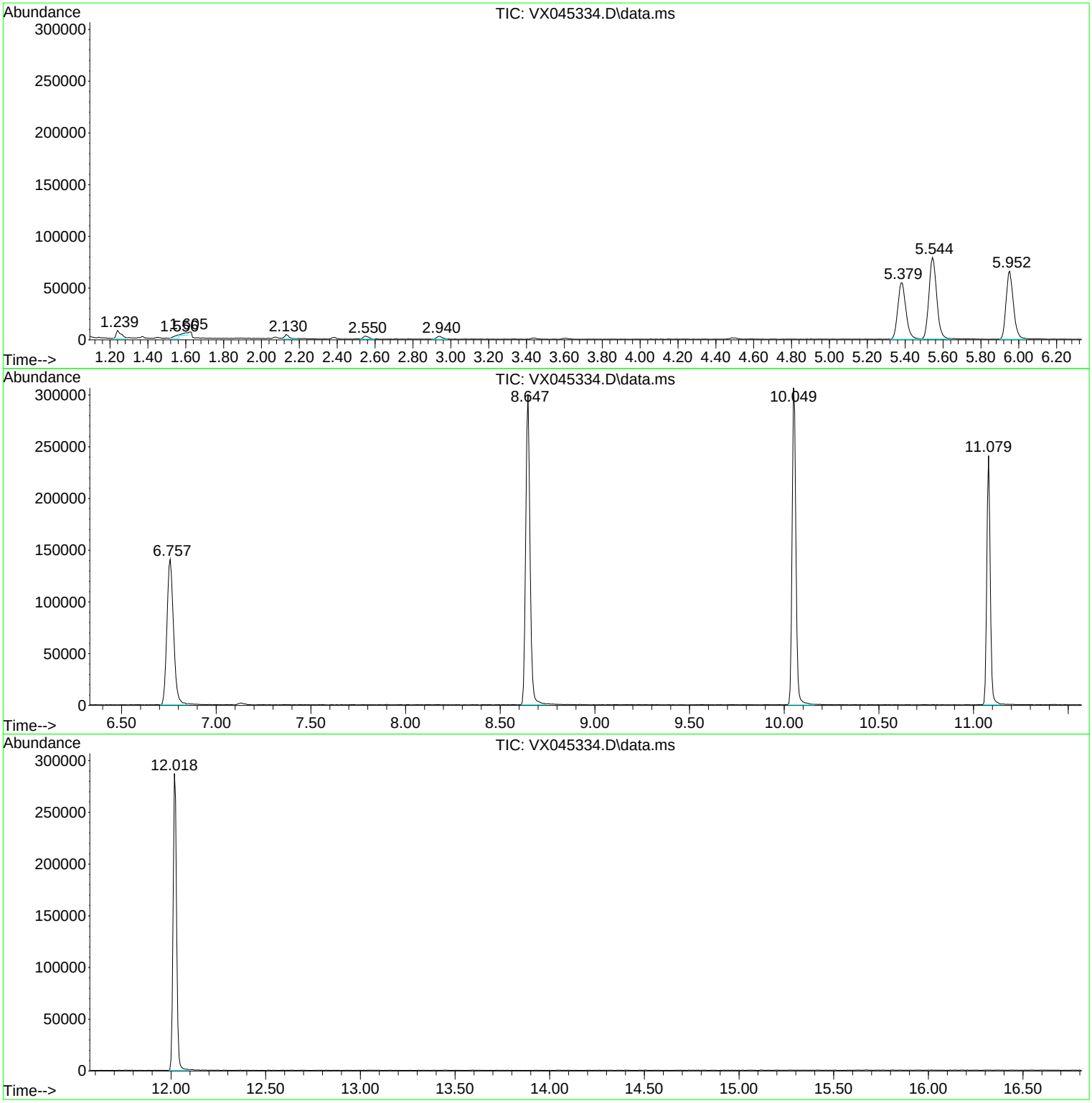
Sample Results: **VX045334.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.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\VX031825\
Data File : VX045334.D
Acq On : 18 Mar 2025 18:43
Operator : JC/MD
Sample : Q1576-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Quant Time: Mar 19 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	66984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	130552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59994	56.307	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.620%			
35) Dibromofluoromethane	5.379	113	47101	53.955	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.920%			
50) Toluene-d8	8.647	98	165615	52.330	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%			
62) 4-Bromofluorobenzene	11.079	95	54760	52.216	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.440%			

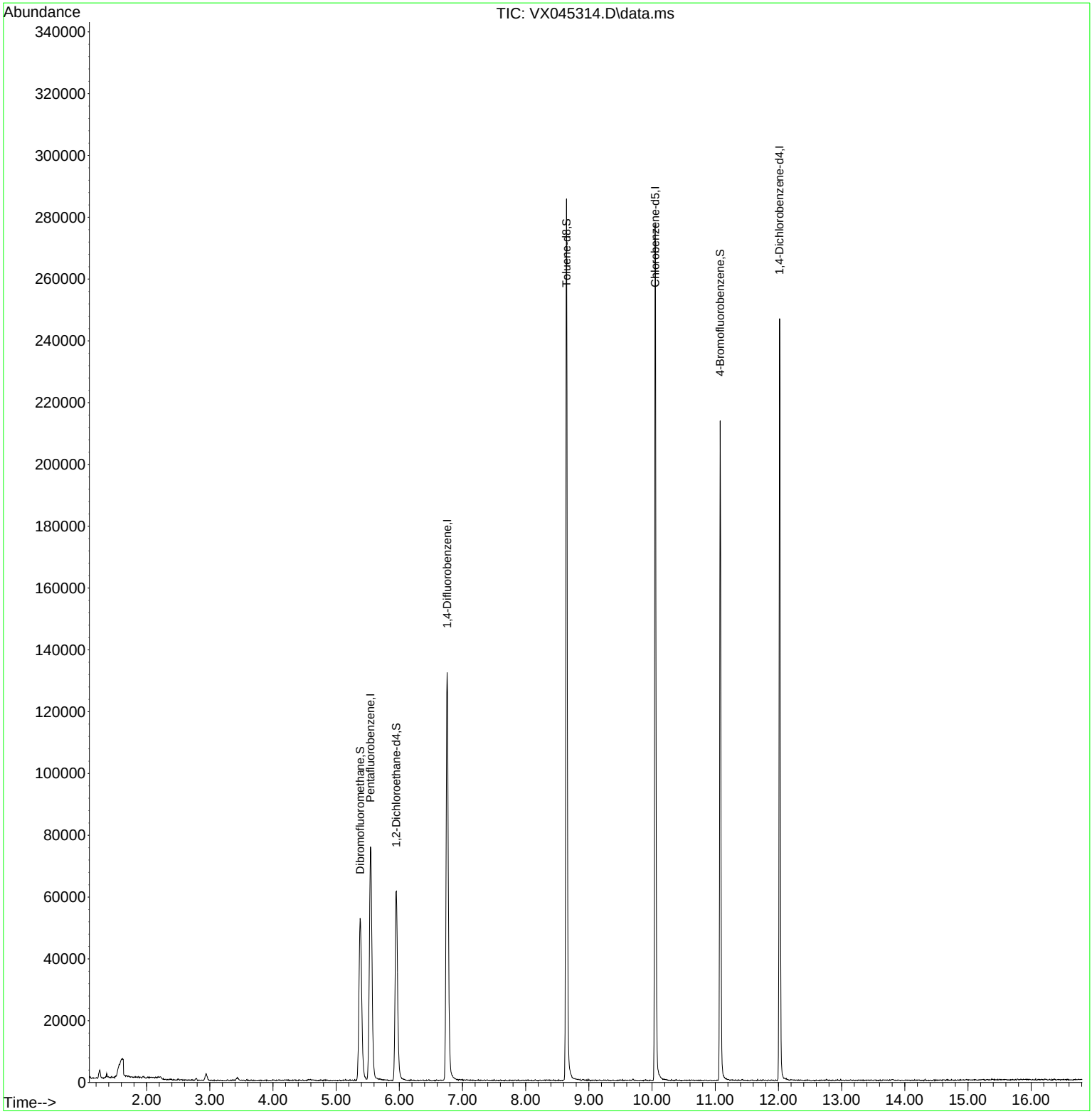
Target Compounds Qvalue

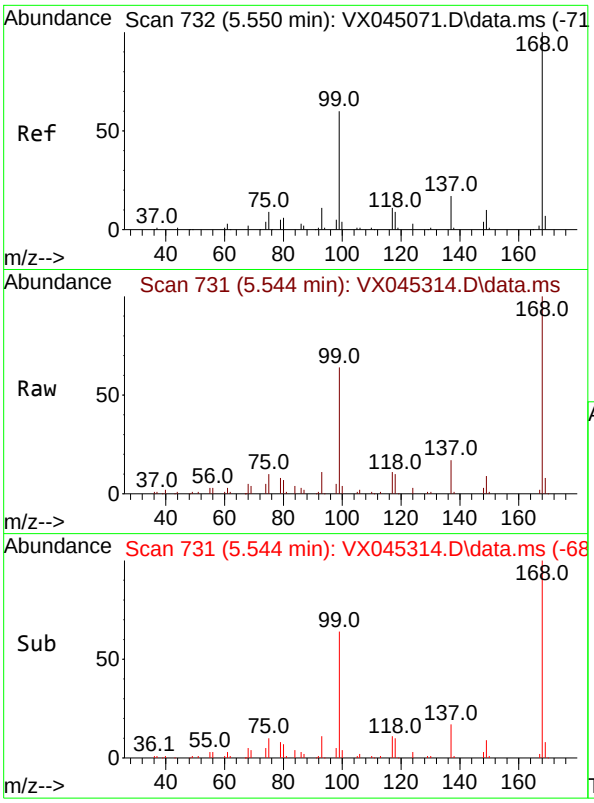
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Quant Time: Mar 19 01:39:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration



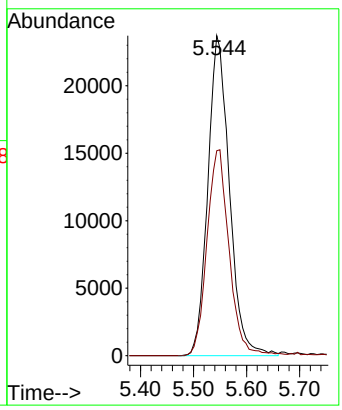


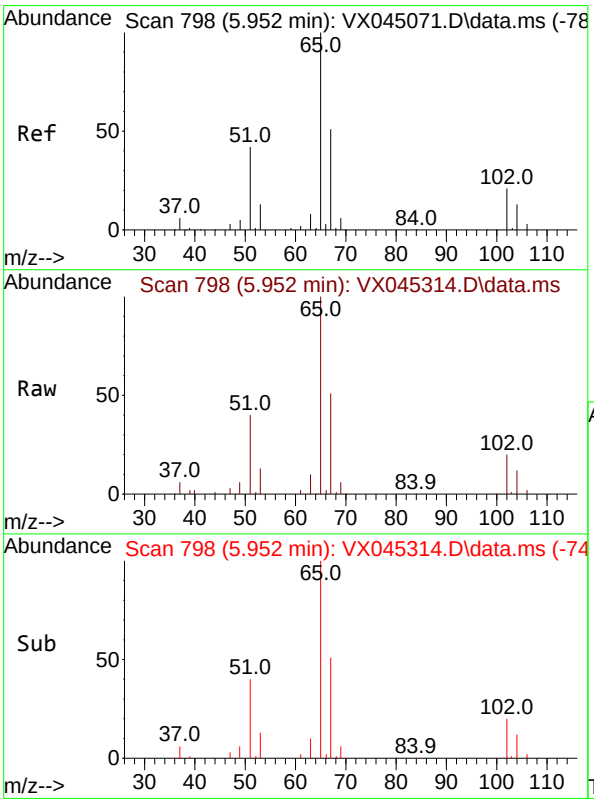
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion:168 Resp: 66984

Ion	Ratio	Lower	Upper
168	100		
99	64.0	48.2	72.4

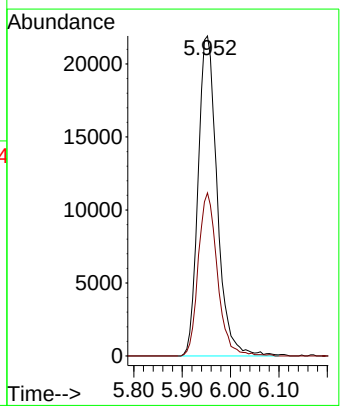


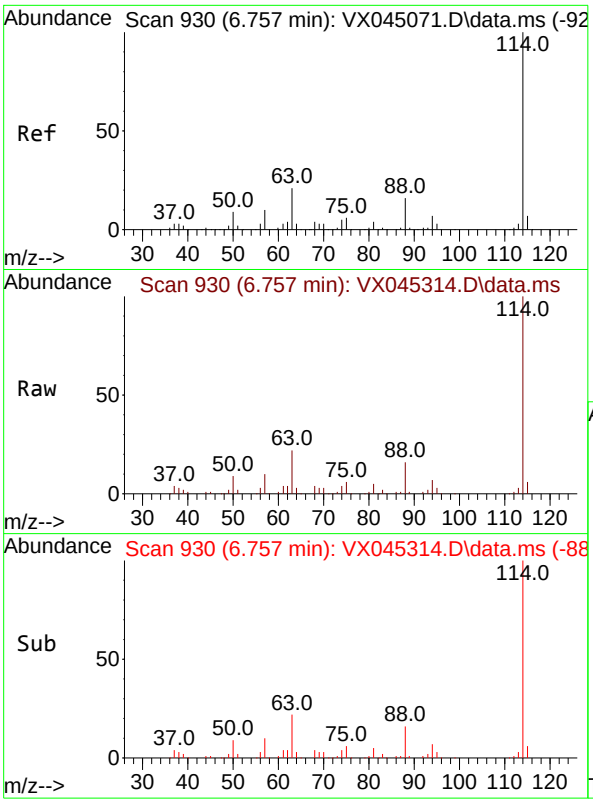


#33
1,2-Dichloroethane-d4
Concen: 56.307 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 65 Resp: 59994

Ion	Ratio	Lower	Upper
65	100		
67	51.1	0.0	106.2



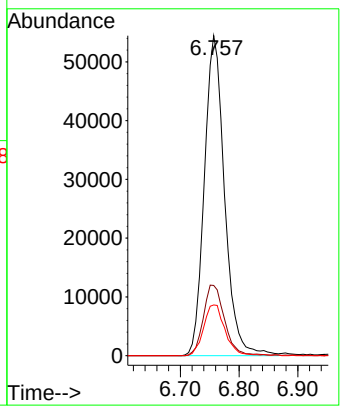


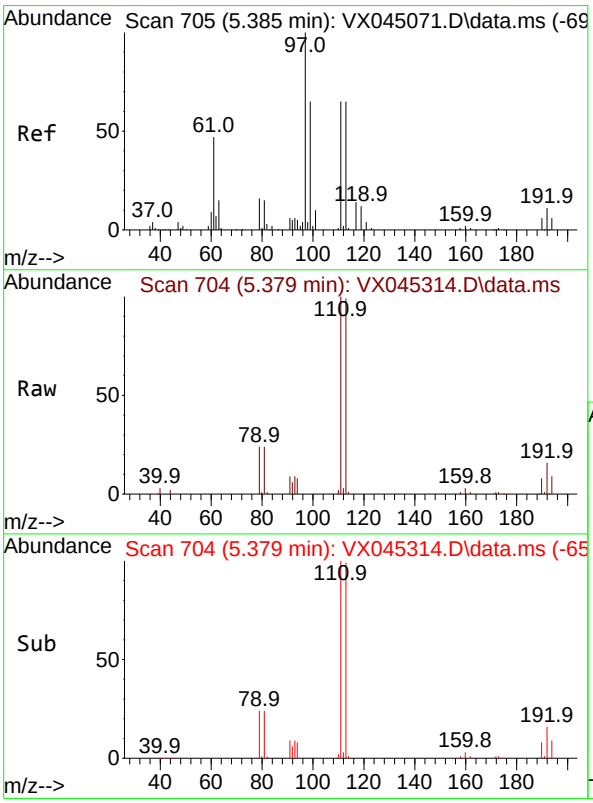
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion:114 Resp: 130552

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	41.8
88	15.9	0.0	32.8

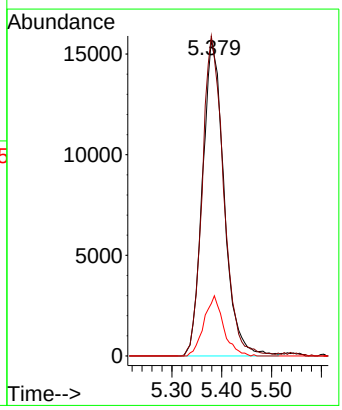


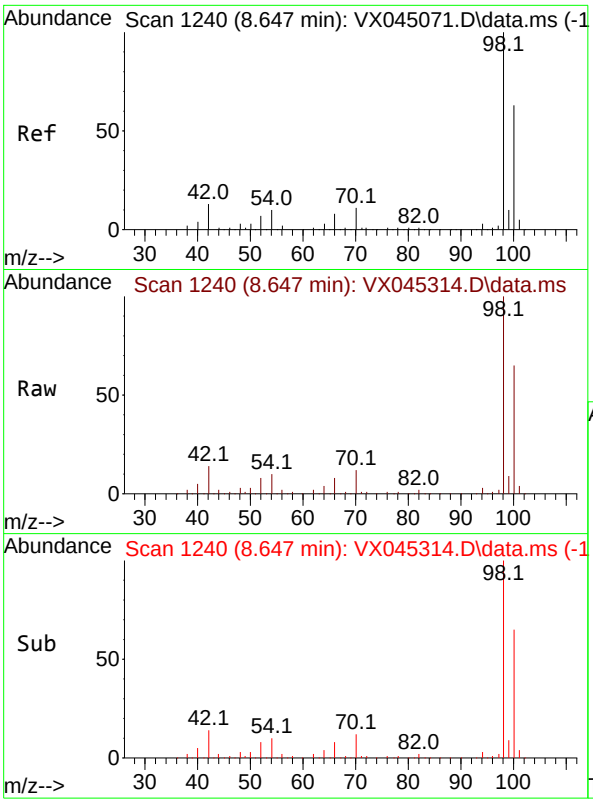


#35
Dibromofluoromethane
Concen: 53.955 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion:113 Resp: 47101

Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.8	122.6
192	17.3	14.3	21.5



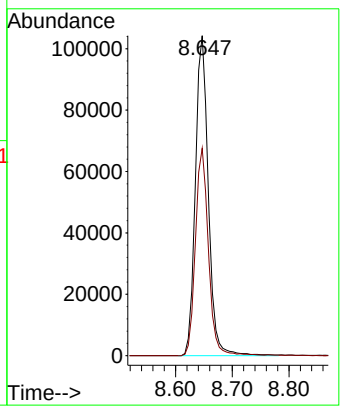


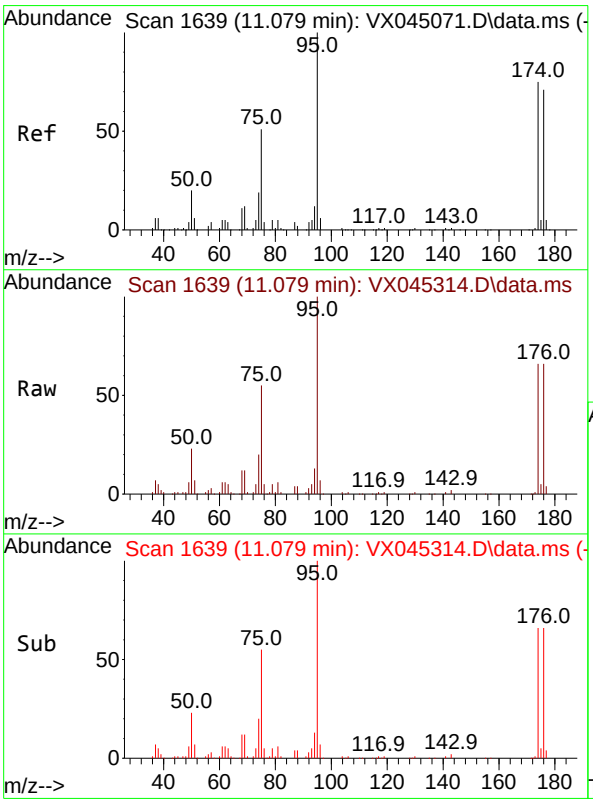
#50
Toluene-d8
Concen: 52.330 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion: 98 Resp: 165615

Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0

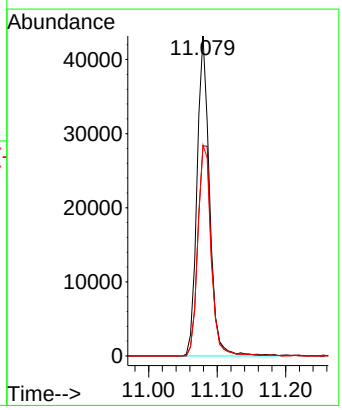


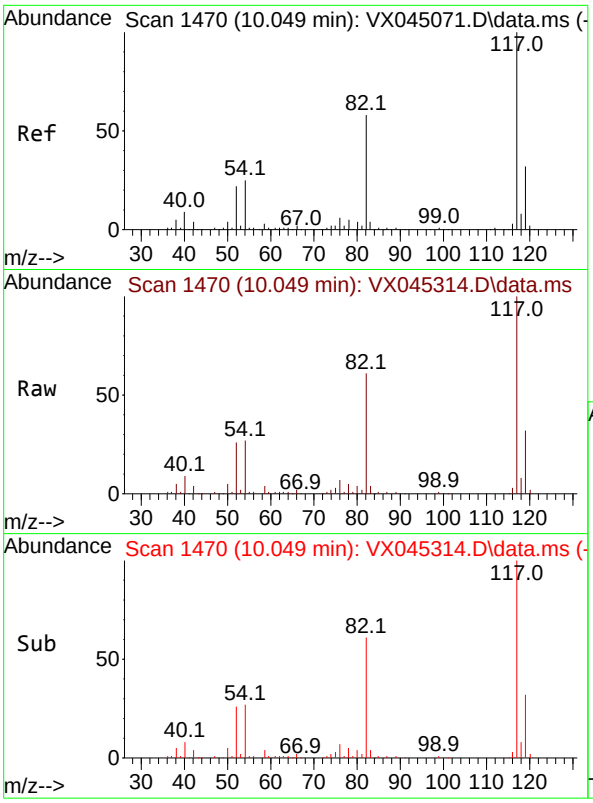


#62
4-Bromofluorobenzene
Concen: 52.216 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion: 95 Resp: 54760

Ion	Ratio	Lower	Upper
95	100		
174	71.8	0.0	148.2
176	70.1	0.0	141.4



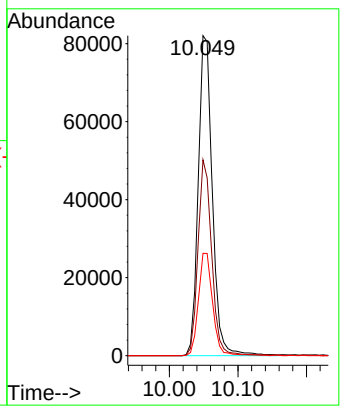


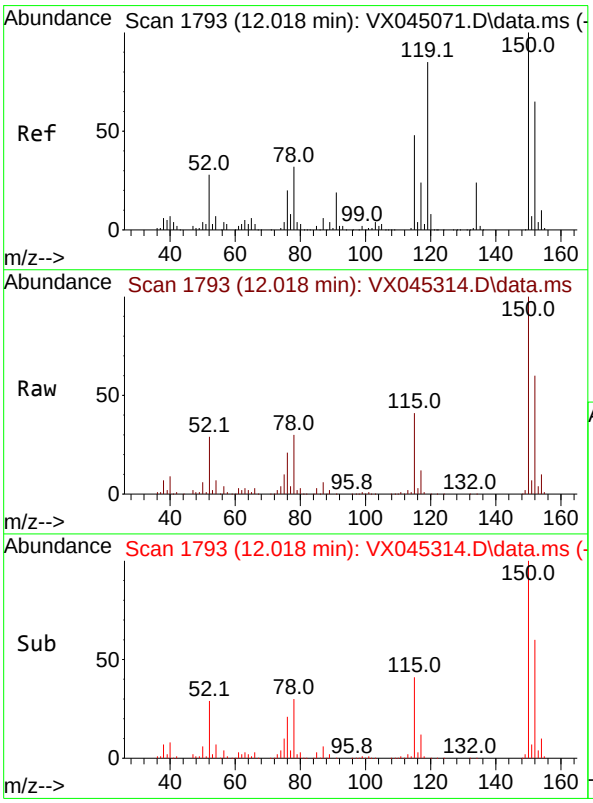
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Tgt Ion:117 Resp: 117786

Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.3	69.5
119	32.0	25.7	38.5

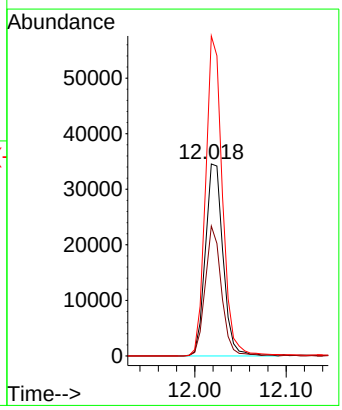




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045314.D
Acq: 18 Mar 2025 10:53

Tgt Ion:152 Resp: 46358

Ion	Ratio	Lower	Upper
152	100		
115	62.3	44.2	132.6
150	158.8	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

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\82X022825W.M
Title : SW846 8260

Signal : TIC: VX045314.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	22	28	32	rBV5	2740	4836	1.06%	0.209%
2	1.569	67	79	80	rBV3	4398	10840	2.38%	0.468%
3	1.618	80	87	88	rVV5	2057	5268	1.16%	0.227%
4	2.940	298	304	310	rBV2	2209	4757	1.04%	0.205%
5	5.379	695	704	717	rBV3	52515	156784	34.44%	6.769%
6	5.544	721	731	746	rVV	75232	212616	46.70%	9.180%
7	5.952	789	798	815	rBV	61172	165575	36.37%	7.149%
8	6.757	920	930	943	rBV	131923	322435	70.82%	13.922%
9	8.647	1234	1240	1257	rBV	285040	455264	100.00%	19.657%
10	10.049	1465	1470	1490	rBV	277018	393133	86.35%	16.974%
11	11.079	1634	1639	1653	rBV	213455	275384	60.49%	11.890%
12	12.018	1788	1793	1804	rBV	246419	309148	67.91%	13.348%

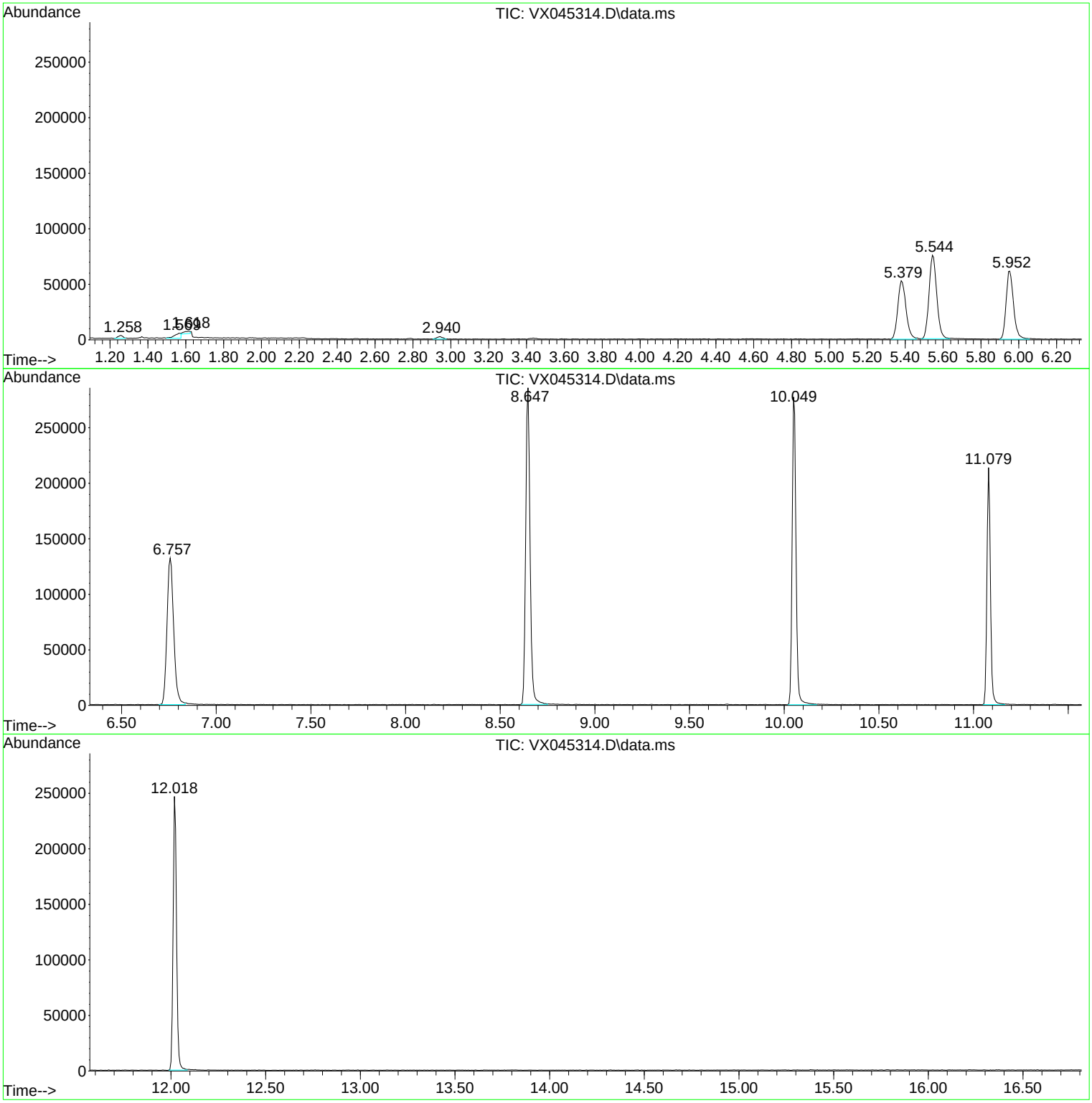
Sum of corrected areas: 2316040

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.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\VX031825\
Data File : VX045314.D
Acq On : 18 Mar 2025 10:53
Operator : JC/MD
Sample : VX0318WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.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\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85669	53.211	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.420%			
35) Dibromofluoromethane	5.379	113	63666	52.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.800%			
50) Toluene-d8	8.647	98	223393	51.202	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	78279	54.144	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23648	18.561	ug/l	96
3) Chloromethane	1.307	50	26060	16.714	ug/l	96
4) Vinyl Chloride	1.374	62	24585	15.895	ug/l	99
5) Bromomethane	1.593	94	11086	18.232	ug/l	97
6) Chloroethane	1.666	64	14472	20.285	ug/l	97
7) Trichlorofluoromethane	1.874	101	38112	18.613	ug/l	98
8) Diethyl Ether	2.136	74	13147	16.415	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	24411	20.751	ug/l	98
10) Methyl Iodide	2.441	142	27544	18.736	ug/l	97
11) Tert butyl alcohol	2.977	59	23962	78.575	ug/l	97
12) 1,1-Dichloroethene	2.307	96	22967	18.466	ug/l	93
13) Acrolein	2.233	56	18007	51.080	ug/l	100
14) Allyl chloride	2.654	41	43853	19.808	ug/l	97
15) Acrylonitrile	3.062	53	81578	99.811	ug/l	99
16) Acetone	2.386	43	74275	99.433	ug/l	100
17) Carbon Disulfide	2.502	76	48265	14.570	ug/l	100
18) Methyl Acetate	2.703	43	44014	24.493	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	82507	19.773	ug/l	97
20) Methylene Chloride	2.782	84	27791	18.782	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	23029	18.742	ug/l	91
22) Diisopropyl ether	3.757	45	91341	20.287	ug/l #	79
23) Vinyl Acetate	3.721	43	368514	98.077	ug/l	100
24) 1,1-Dichloroethane	3.605	63	49698	19.695	ug/l	97
25) 2-Butanone	4.556	43	115779	102.970	ug/l	97
26) 2,2-Dichloropropane	4.477	77	33045	27.919	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	29728	19.599	ug/l	96
28) Bromochloromethane	4.898	49	26265	21.837	ug/l	100
29) Tetrahydrofuran	5.007	42	72963	96.628	ug/l	99
30) Chloroform	5.087	83	51341	20.477	ug/l	98
31) Cyclohexane	5.465	56	40755	18.606	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	40576	20.038	ug/l	99
36) 1,1-Dichloropropene	5.690	75	32750	19.843	ug/l	98
37) Ethyl Acetate	4.721	43	41898	19.701	ug/l	99
38) Carbon Tetrachloride	5.672	117	32994	19.691	ug/l	97
39) Methylcyclohexane	7.373	83	39221	19.833	ug/l	96
40) Benzene	6.031	78	102609	19.688	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	23090	20.079	ug/l		94
42) 1,2-Dichloroethane	6.086	62	39956	21.290	ug/l		98
43) Isopropyl Acetate	6.342	43	63959	20.338	ug/l		99
44) Trichloroethene	7.117	130	23097	18.874	ug/l		97
45) 1,2-Dichloropropane	7.428	63	26591	19.844	ug/l		98
46) Dibromomethane	7.580	93	19209	20.282	ug/l		99
47) Bromodichloromethane	7.818	83	38279	20.605	ug/l		97
48) Methyl methacrylate	7.690	41	32572	20.645	ug/l		96
49) 1,4-Dioxane	7.665	88	12054	362.201	ug/l		93
51) 4-Methyl-2-Pentanone	8.574	43	230272	109.054	ug/l		98
52) Toluene	8.714	92	62616	20.477	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	31720	20.424	ug/l		96
54) cis-1,3-Dichloropropene	8.360	75	38346	21.174	ug/l		93
55) 1,1,2-Trichloroethane	9.153	97	25793	20.490	ug/l		98
56) Ethyl methacrylate	9.116	69	39605	20.698	ug/l		94
57) 1,3-Dichloropropane	9.305	76	44804	20.567	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	88727	95.056	ug/l		99
59) 2-Hexanone	9.427	43	167637	109.574	ug/l		98
60) Dibromochloromethane	9.519	129	26686	20.275	ug/l		99
61) 1,2-Dibromoethane	9.610	107	25665	20.423	ug/l		99
64) Tetrachloroethene	9.269	164	20403	20.025	ug/l		96
65) Chlorobenzene	10.080	112	66830	19.853	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.159	131	22645	20.200	ug/l		97
67) Ethyl Benzene	10.189	91	119008	20.290	ug/l		99
68) m/p-Xylenes	10.299	106	88510	41.222	ug/l		98
69) o-Xylene	10.640	106	43529	20.101	ug/l		96
70) Styrene	10.653	104	73075	20.855	ug/l		98
71) Bromoform	10.799	173	16873	19.960	ug/l	#	96
73) Isopropylbenzene	10.957	105	115722	21.006	ug/l		99
74) N-amyl acetate	10.842	43	52935	20.478	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	40904	20.233	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	33063m	20.126	ug/l		
77) Bromobenzene	11.195	156	26393	20.305	ug/l		98
78) n-propylbenzene	11.299	91	133799	21.500	ug/l		98
79) 2-Chlorotoluene	11.360	91	81371	20.531	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	93706	21.036	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9303	19.380	ug/l	#	83
82) 4-Chlorotoluene	11.451	91	90708	21.000	ug/l		100
83) tert-Butylbenzene	11.713	119	94270	20.597	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	95258	21.253	ug/l		99
85) sec-Butylbenzene	11.890	105	118093	21.540	ug/l		99
86) p-Isopropyltoluene	12.006	119	93774	21.165	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	46929	20.238	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	46719	19.915	ug/l		98
89) n-Butylbenzene	12.329	91	81793	21.434	ug/l		99
90) Hexachloroethane	12.536	117	15561	19.417	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	47575	20.453	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7898	20.053	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	26039	19.660	ug/l		99
94) Hexachlorobutadiene	13.725	225	11193	20.613	ug/l		99
95) Naphthalene	13.774	128	99469	19.547	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	27553	19.719	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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

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

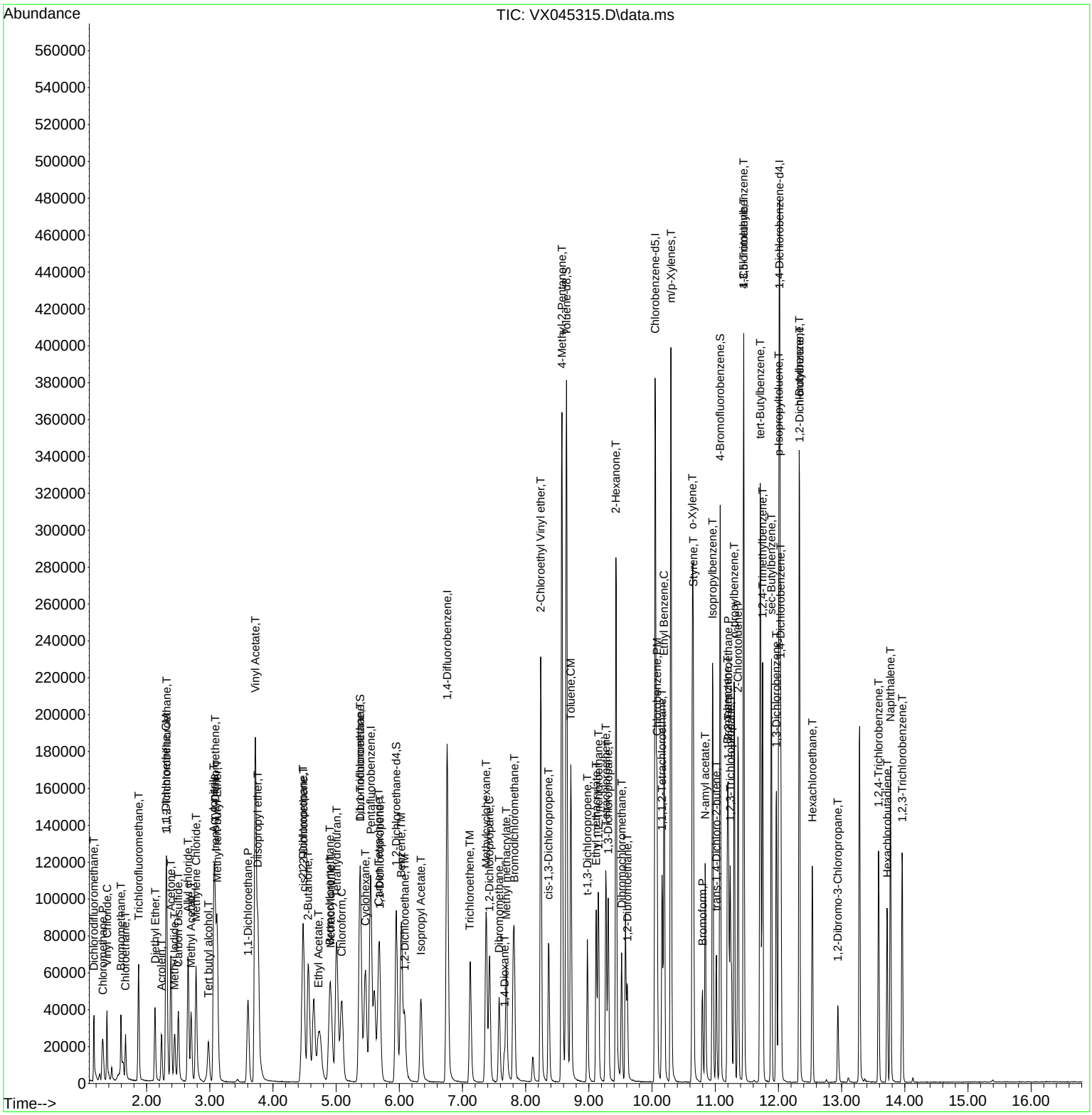
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045315.D
Acq On : 18 Mar 2025 11:16
Operator : JC/MD
Sample : VX0318WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 19 01:40:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045316.D
Acq On : 18 Mar 2025 11:43
Operator : JC/MD
Sample : VX0318WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 01:41:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	94187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	150181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81345	54.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.600%			
35) Dibromofluoromethane	5.379	113	59251	52.466	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.940%			
50) Toluene-d8	8.647	98	208939	51.033	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.060%			
62) 4-Bromofluorobenzene	11.079	95	73800	54.397	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	22132	18.667	ug/l	98
3) Chloromethane	1.307	50	24334	16.772	ug/l	98
4) Vinyl Chloride	1.368	62	22741	15.800	ug/l	97
5) Bromomethane	1.593	94	10409	18.396	ug/l	91
6) Chloroethane	1.666	64	13145	19.800	ug/l	99
7) Trichlorofluoromethane	1.874	101	34041	17.866	ug/l	98
8) Diethyl Ether	2.130	74	12697	17.037	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.313	101	23216	21.208	ug/l	99
10) Methyl Iodide	2.441	142	25842	18.890	ug/l	97
11) Tert butyl alcohol	2.977	59	25328	89.252	ug/l	100
12) 1,1-Dichloroethene	2.306	96	21337	18.436	ug/l	99
13) Acrolein	2.233	56	17483	53.295	ug/l	99
14) Allyl chloride	2.654	41	41829	20.304	ug/l	98
15) Acrylonitrile	3.062	53	78894	103.731	ug/l	99
16) Acetone	2.386	43	70913	102.017	ug/l	99
17) Carbon Disulfide	2.502	76	45656	14.811	ug/l	97
18) Methyl Acetate	2.703	43	42913	25.662	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	79562	20.490	ug/l	98
20) Methylene Chloride	2.782	84	26357	19.142	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	21084	18.440	ug/l	95
22) Diisopropyl ether	3.764	45	85197	20.334	ug/l	93
23) Vinyl Acetate	3.715	43	351902	100.645	ug/l	98
24) 1,1-Dichloroethane	3.605	63	46155	19.656	ug/l	98
25) 2-Butanone	4.556	43	111349	106.420	ug/l	97
26) 2,2-Dichloropropane	4.465	77	30901	28.056	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	27512	19.492	ug/l	94
28) Bromochloromethane	4.885	49	25092	22.419	ug/l	99
29) Tetrahydrofuran	5.007	42	71884	102.304	ug/l	99
30) Chloroform	5.086	83	46961	20.128	ug/l	100
31) Cyclohexane	5.464	56	38035	18.660	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	37299	19.794	ug/l	98
36) 1,1-Dichloropropene	5.684	75	29283	18.907	ug/l	99
37) Ethyl Acetate	4.715	43	40485	20.286	ug/l	99
38) Carbon Tetrachloride	5.666	117	31045	19.744	ug/l	97
39) Methylcyclohexane	7.373	83	38119	20.541	ug/l	97
40) Benzene	6.031	78	96177	19.666	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045316.D
Acq On : 18 Mar 2025 11:43
Operator : JC/MD
Sample : VX0318WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 01:41:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22596	20.940	ug/l		94
42) 1,2-Dichloroethane	6.080	62	38026	21.592	ug/l		98
43) Isopropyl Acetate	6.336	43	62490	21.176	ug/l		99
44) Trichloroethene	7.123	130	21822	19.003	ug/l		94
45) 1,2-Dichloropropane	7.427	63	25816	20.531	ug/l		94
46) Dibromomethane	7.574	93	18760	21.108	ug/l		97
47) Bromodichloromethane	7.818	83	35623	20.434	ug/l		97
48) Methyl methacrylate	7.690	41	31848	21.512	ug/l		96
49) 1,4-Dioxane	7.659	88	11556	370.034	ug/l		93
51) 4-Methyl-2-Pentanone	8.574	43	222705	112.395	ug/l		99
52) Toluene	8.714	92	58577	20.414	ug/l		97
53) t-1,3-Dichloropropene	8.976	75	29819	20.460	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	36677	21.582	ug/l		96
55) 1,1,2-Trichloroethane	9.147	97	25123	21.268	ug/l		97
56) Ethyl methacrylate	9.116	69	39272	21.871	ug/l		96
57) 1,3-Dichloropropane	9.305	76	43040	21.054	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	86100	98.298	ug/l		99
59) 2-Hexanone	9.427	43	159687	111.230	ug/l		99
60) Dibromochloromethane	9.519	129	26487	21.445	ug/l		100
61) 1,2-Dibromoethane	9.610	107	25153	21.330	ug/l		98
64) Tetrachloroethene	9.275	164	18822	19.569	ug/l		95
65) Chlorobenzene	10.079	112	63629	20.023	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21107	19.945	ug/l		97
67) Ethyl Benzene	10.189	91	112021	20.231	ug/l		100
68) m/p-Xylenes	10.299	106	83669	41.277	ug/l		99
69) o-Xylene	10.640	106	41442	20.271	ug/l		99
70) Styrene	10.653	104	70171	21.213	ug/l		99
71) Bromoform	10.799	173	16250	20.363	ug/l	#	99
73) Isopropylbenzene	10.957	105	108230	20.748	ug/l		98
74) N-amyl acetate	10.842	43	51327	20.969	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	39864	20.825	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	32413m	20.837	ug/l		
77) Bromobenzene	11.195	156	25277	20.537	ug/l		98
78) n-propylbenzene	11.299	91	125607	21.316	ug/l		98
79) 2-Chlorotoluene	11.360	91	77573	20.671	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	89825	21.296	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	9250	20.350	ug/l		88
82) 4-Chlorotoluene	11.451	91	86122	21.056	ug/l		100
83) tert-Butylbenzene	11.713	119	88195	20.351	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	90117	21.234	ug/l		100
85) sec-Butylbenzene	11.890	105	111586	21.495	ug/l		99
86) p-Isopropyltoluene	12.006	119	90468	21.564	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	45671	20.801	ug/l		98
88) 1,4-Dichlorobenzene	12.043	146	45020	20.267	ug/l		97
89) n-Butylbenzene	12.329	91	78785	21.804	ug/l		99
90) Hexachloroethane	12.536	117	14375	18.944	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	46115	20.937	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7852	21.055	ug/l		92
93) 1,2,4-Trichlorobenzene	13.585	180	25188	20.084	ug/l		99
94) Hexachlorobutadiene	13.725	225	11003	21.399	ug/l		98
95) Naphthalene	13.774	128	98470	20.436	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	26632	20.129	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045316.D
Acq On : 18 Mar 2025 11:43
Operator : JC/MD
Sample : VX0318WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 01:41:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025

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

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

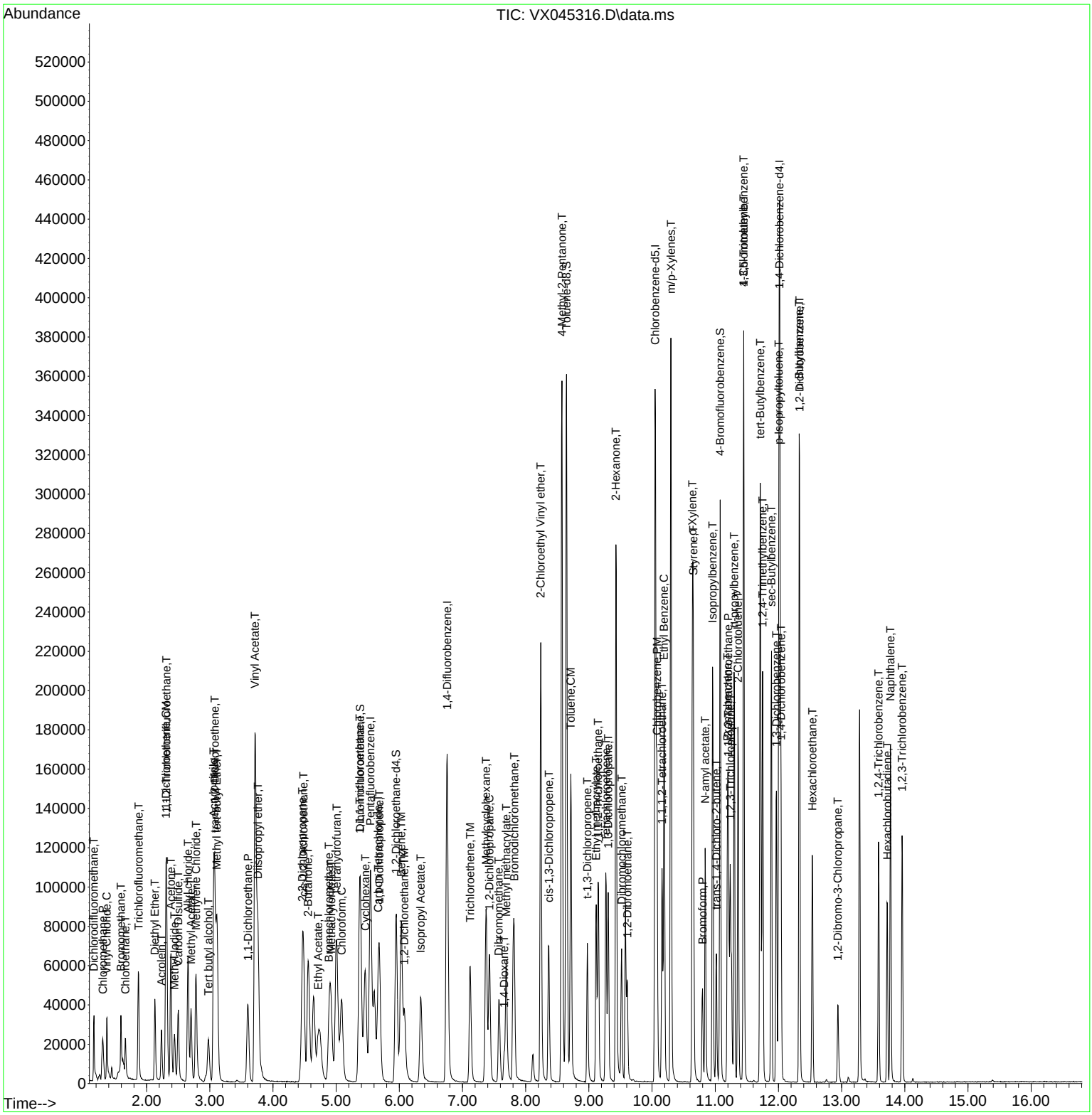
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031825\
Data File : VX045316.D
Acq On : 18 Mar 2025 11:43
Operator : JC/MD
Sample : VX0318WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 19 01:41:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0318WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/19/2025
Supervised By :Mahesh Dadoda 03/19/2025



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

Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

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

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Manual Integration Report

Sequence:	VX022825	Instrument	MSVOA_x

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

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Manual Integration Report

Sequence:	vx031825	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045312.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:50:30 AM	MMDadoda	3/19/2025 2:22:25 PM	Peak Integrated by Software
VX0318WBS01	VX045315.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:50:36 AM	MMDadoda	3/19/2025 2:22:25 PM	Peak Integrated by Software
VX0318WBSD01	VX045316.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:50:41 AM	MMDadoda	3/19/2025 2:22:27 PM	Peak Integrated by Software
VSTDCCC050	VX045338.D	1,2,3-Trichloropropane	JOHN	3/19/2025 9:51:19 AM	MMDadoda	3/19/2025 2:22:32 PM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

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

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

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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

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

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

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

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

Review By	John Carlone	Review On	3/19/2025 10:07:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:41 PM		
SubDirectory	VX031825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133349
Initial Calibration Stds	
CCC	VP133350,VP133351
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045311.D	18 Mar 2025 09:33	JC/MD	Ok
2	VSTDCCC050	VX045312.D	18 Mar 2025 10:02	JC/MD	Ok,M
3	VX0318MBL01	VX045313.D	18 Mar 2025 10:30	JC/MD	Ok
4	VX0318WBL01	VX045314.D	18 Mar 2025 10:53	JC/MD	Ok
5	VX0318WBS01	VX045315.D	18 Mar 2025 11:16	JC/MD	Ok,M
6	VX0318WBSD01	VX045316.D	18 Mar 2025 11:43	JC/MD	Ok,M
7	Q1559-07DL	VX045317.D	18 Mar 2025 12:07	JC/MD	Ok
8	Q1559-01DL	VX045318.D	18 Mar 2025 12:30	JC/MD	Ok
9	Q1559-05DL	VX045319.D	18 Mar 2025 12:54	JC/MD	Ok
10	Q1559-16DL	VX045320.D	18 Mar 2025 13:17	JC/MD	Ok
11	Q1559-04DL	VX045321.D	18 Mar 2025 13:41	JC/MD	Ok
12	Q1559-03	VX045322.D	18 Mar 2025 14:04	JC/MD	Ok
13	Q1559-06	VX045323.D	18 Mar 2025 14:27	JC/MD	Ok
14	Q1557-01	VX045324.D	18 Mar 2025 14:51	JC/MD	Ok
15	Q1557-02	VX045325.D	18 Mar 2025 15:14	JC/MD	Ok
16	Q1557-06	VX045326.D	18 Mar 2025 15:38	JC/MD	Ok
17	Q1557-07	VX045327.D	18 Mar 2025 16:01	JC/MD	Ok
18	Q1557-08	VX045328.D	18 Mar 2025 16:24	JC/MD	Ok
19	Q1559-21	VX045329.D	18 Mar 2025 16:47	JC/MD	Dilution
20	Q1559-22	VX045330.D	18 Mar 2025 17:10	JC/MD	Dilution
21	Q1559-08	VX045331.D	18 Mar 2025 17:34	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

Review By	John Carlone	Review On	3/19/2025 10:07:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:41 PM		
SubDirectory	VX031825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133349
Initial Calibration Stds	
CCC	VP133350,VP133351
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1559-09	VX045332.D	18 Mar 2025 17:57	JC/MD	Dilution
23	Q1559-19	VX045333.D	18 Mar 2025 18:20	JC/MD	Ok
24	Q1576-01	VX045334.D	18 Mar 2025 18:43	JC/MD	Ok
25	Q1557-03	VX045335.D	18 Mar 2025 19:07	JC/MD	Ok
26	Q1557-04MS	VX045336.D	18 Mar 2025 19:30	JC/MD	Ok,M
27	Q1557-05MSD	VX045337.D	18 Mar 2025 19:53	JC/MD	Ok,M
28	VSTDCCC050	VX045338.D	18 Mar 2025 20:16	JC/MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

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

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

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

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX022825

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

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

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

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

Review By	John Carlone	Review On	3/19/2025 10:07:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:41 PM		
SubDirectory	VX031825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133349
Initial Calibration Stds	
CCC	VP133350,VP133351
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	VX045311.D	18 Mar 2025 09:33		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045312.D	18 Mar 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
3	VX0318MBL01	VX0318MBL01	VX045313.D	18 Mar 2025 10:30		JC/MD	Ok
4	VX0318WBL01	VX0318WBL01	VX045314.D	18 Mar 2025 10:53		JC/MD	Ok
5	VX0318WBS01	VX0318WBS01	VX045315.D	18 Mar 2025 11:16		JC/MD	Ok,M
6	VX0318WBSD01	VX0318WBSD01	VX045316.D	18 Mar 2025 11:43		JC/MD	Ok,M
7	Q1559-07DL	RE125D3-20250310DL	VX045317.D	18 Mar 2025 12:07	vial B pH<2	JC/MD	Ok
8	Q1559-01DL	RE115D1-20250310DL	VX045318.D	18 Mar 2025 12:30	vial B pH<2	JC/MD	Ok
9	Q1559-05DL	RE134D4-20250310DL	VX045319.D	18 Mar 2025 12:54	vial B pH<2	JC/MD	Ok
10	Q1559-16DL	RW4-RE137-20250311	VX045320.D	18 Mar 2025 13:17	vial B pH<2	JC/MD	Ok
11	Q1559-04DL	RE134D3-20250310DL	VX045321.D	18 Mar 2025 13:41	vial B pH<2	JC/MD	Ok
12	Q1559-03	RE134D1-20250310	VX045322.D	18 Mar 2025 14:04	vial B pH<2	JC/MD	Ok
13	Q1559-06	TT149S1-20250310	VX045323.D	18 Mar 2025 14:27	vial B pH<2	JC/MD	Ok
14	Q1557-01	BPOW6-7-20250312	VX045324.D	18 Mar 2025 14:51	vial A pH<2	JC/MD	Ok
15	Q1557-02	BPOW6-8-20250312	VX045325.D	18 Mar 2025 15:14	vial A pH<2	JC/MD	Ok
16	Q1557-06	BPOW6-10-20250312	VX045326.D	18 Mar 2025 15:38	vial A pH<2	JC/MD	Ok
17	Q1557-07	BPOW6-11-20250312	VX045327.D	18 Mar 2025 16:01	vial A pH<2	JC/MD	Ok
18	Q1557-08	DUP04-20250312	VX045328.D	18 Mar 2025 16:24	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031825

Review By	John Carlone	Review On	3/19/2025 10:07:00 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/19/2025 2:22:41 PM		
SubDirectory	VX031825	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133349
Initial Calibration Stds	
CCC	VP133350,VP133351
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1559-21	RE120D3-20250312	VX045329.D	18 Mar 2025 16:47	vial A pH<2 Need 20X	JC/MD	Dilution
20	Q1559-22	RE120D2-20250312	VX045330.D	18 Mar 2025 17:10	vial A pH<2 Need 10X	JC/MD	Dilution
21	Q1559-08	DUP02-20250310	VX045331.D	18 Mar 2025 17:34	vial A pH<2 E flag of previous sample	JC/MD	ReRun
22	Q1559-09	DUP03-20250310	VX045332.D	18 Mar 2025 17:57	vial A pH<2 Need 10X	JC/MD	Dilution
23	Q1559-19	DUP05-20250312	VX045333.D	18 Mar 2025 18:20	vial A pH<2	JC/MD	Ok
24	Q1576-01	MW14	VX045334.D	18 Mar 2025 18:43	vial B pH<2	JC/MD	Ok
25	Q1557-03	BPOW6-9-20250312	VX045335.D	18 Mar 2025 19:07	vial A pH<2	JC/MD	Ok
26	Q1557-04MS	BPOW6-9-20250312MS	VX045336.D	18 Mar 2025 19:30	vial A pH<2	JC/MD	Ok,M
27	Q1557-05MSD	BPOW6-9-20250312MS	VX045337.D	18 Mar 2025 19:53	vial A pH<2	JC/MD	Ok,M
28	VSTDCCC050	VSTDCCC050EC	VX045338.D	18 Mar 2025 20:16		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1576	**OrderDate:**	3/14/2025 11:28:00 AM
Client:	G Environmental	**Project:**	Ave L
Contact:	Gary Landis	**Location:**	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1576-01	**MW14**	**Water**			**03/12/25**			**03/14/25**
			VOC-TCLVOA-10	8260-Low			03/18/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1576 **Order ID:** Q1576

Client: G Environmental **Project ID:** Ave L

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW14								
Q1576-01	MW14	Water	Aluminum	14200		28.3	50.0	ug/L
Q1576-01	MW14	Water	Antimony	2.18	J	2.06	25.0	ug/L
Q1576-01	MW14	Water	Arsenic	28300	D	34.8	100	ug/L
Q1576-01	MW14	Water	Barium	377		6.28	50.0	ug/L
Q1576-01	MW14	Water	Beryllium	1.76	J	0.13	3.00	ug/L
Q1576-01	MW14	Water	Cadmium	22.1		0.094	3.00	ug/L
Q1576-01	MW14	Water	Calcium	151000		33.0	1000	ug/L
Q1576-01	MW14	Water	Chromium	137		0.66	5.00	ug/L
Q1576-01	MW14	Water	Cobalt	10.3	J	0.50	15.0	ug/L
Q1576-01	MW14	Water	Copper	512		7.07	10.0	ug/L
Q1576-01	MW14	Water	Iron	192000		18.5	50.0	ug/L
Q1576-01	MW14	Water	Lead	1010		3.51	6.00	ug/L
Q1576-01	MW14	Water	Magnesium	17500		39.4	1000	ug/L
Q1576-01	MW14	Water	Manganese	1100		1.46	10.0	ug/L
Q1576-01	MW14	Water	Mercury	10.3	D	0.15	0.40	ug/L
Q1576-01	MW14	Water	Nickel	31.0		0.85	20.0	ug/L
Q1576-01	MW14	Water	Potassium	17700		685	1000	ug/L
Q1576-01	MW14	Water	Sodium	127000		237	1000	ug/L
Q1576-01	MW14	Water	Thallium	13.9	J	2.32	20.0	ug/L
Q1576-01	MW14	Water	Vanadium	42.5		3.06	20.0	ug/L
Q1576-01	MW14	Water	Zinc	2390		1.75	20.0	ug/L

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	MW14	SDG No.:	Q1576
Lab Sample ID:	Q1576-01	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	14200		1	28.3	50.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-36-0	Antimony	2.18	J	1	2.06	25.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-38-2	Arsenic	28300	D	10	34.8	100	ug/L	03/18/25 10:05	03/24/25 16:15	SW6010	SW3010
7440-39-3	Barium	377	N	1	6.28	50.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-41-7	Beryllium	1.76	J	1	0.13	3.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-43-9	Cadmium	22.1		1	0.094	3.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-70-2	Calcium	151000		1	33.0	1000	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-47-3	Chromium	137		1	0.66	5.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-48-4	Cobalt	10.3	J	1	0.50	15.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-50-8	Copper	512	N	1	7.07	10.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-89-6	Iron	192000		1	18.5	50.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-92-1	Lead	1010	N	1	3.51	6.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-95-4	Magnesium	17500		1	39.4	1000	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-96-5	Manganese	1100		1	1.46	10.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7439-97-6	Mercury	10.3	DN	2	0.15	0.40	ug/L	03/18/25 08:35	03/18/25 14:49	SW7470A	
7440-02-0	Nickel	31.0		1	0.85	20.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-09-7	Potassium	17700		1	685	1000	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-22-4	Silver	0.58	UN	1	0.58	5.00	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-23-5	Sodium	127000		1	237	1000	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-28-0	Thallium	13.9	J	1	2.32	20.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-62-2	Vanadium	42.5		1	3.06	20.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010
7440-66-6	Zinc	2390		1	1.75	20.0	ug/L	03/18/25 10:05	03/24/25 12:27	SW6010	SW3010

Color Before:	Brown	Clarity Before:	Cloudy	Texture:	
Color After:	ligh Btrown	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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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB47	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	13:44	LB135071

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB23	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	13:49	LB135071
CCB24	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	14:19	LB135071
CCB25	Mercury	0.20	+/-0.20	U	0.20	CV	03/18/2025	14:56	LB135071

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	03/21/2025	10:11	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	10:11	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	10:11	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	10:11	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	10:11	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	10:11	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	10:11	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	10:11	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	10:11	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	10:11	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	10:11	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	10:11	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	10:11	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	10:11	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	10:11	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	10:11	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	10:11	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	10:11	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	10:11	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	10:11	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	10:11	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	10:11	LB135126

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	03/21/2025	10:46	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	10:46	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	10:46	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	10:46	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	10:46	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	10:46	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	10:46	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	10:46	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	10:46	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	10:46	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	10:46	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	10:46	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	10:46	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	10:46	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	10:46	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	10:46	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	10:46	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	10:46	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	10:46	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	10:46	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	10:46	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	10:46	LB135126
CCB02	Aluminum	100	+/-100	U	100	P	03/21/2025	11:37	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	11:37	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	11:37	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	11:37	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	11:37	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	11:37	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	11:37	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	11:37	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	11:37	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	11:37	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	11:37	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	11:37	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	11:37	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	11:37	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	11:37	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	11:37	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	11:37	LB135126

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	03/21/2025	11:37	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	11:37	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	11:37	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	11:37	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	11:37	LB135126
CCB03	Aluminum	100	+/-100	U	100	P	03/21/2025	12:31	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	12:31	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	12:31	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	12:31	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	12:31	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	12:31	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	12:31	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	12:31	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	12:31	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	12:31	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	12:31	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	12:31	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	12:31	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	12:31	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	12:31	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	12:31	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	12:31	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	12:31	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	12:31	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	12:31	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	12:31	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	12:31	LB135126
CCB04	Aluminum	100	+/-100	U	100	P	03/21/2025	13:21	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	13:21	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	13:21	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	13:21	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	13:21	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	13:21	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	13:21	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	13:21	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	13:21	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	13:21	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	13:21	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	13:21	LB135126

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	13:21	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	13:21	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	13:21	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	13:21	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	13:21	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	13:21	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	13:21	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	13:21	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	13:21	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	13:21	LB135126
CCB05	Aluminum	100	+/-100	U	100	P	03/21/2025	14:11	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	14:11	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	14:11	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	14:11	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	14:11	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	14:11	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	14:11	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	14:11	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	14:11	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	14:11	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	14:11	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	14:11	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	14:11	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	14:11	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	14:11	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	14:11	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	14:11	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	14:11	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	14:11	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	14:11	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	14:11	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	14:11	LB135126
CCB06	Aluminum	100	+/-100	U	100	P	03/21/2025	15:02	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	15:02	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	15:02	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	15:02	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	15:02	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	15:02	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	15:02	LB135126

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	15:02	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	15:02	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	15:02	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	15:02	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	15:02	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	15:02	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	15:02	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	15:02	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	15:02	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	15:02	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	15:02	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	15:02	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	15:02	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	15:02	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	15:02	LB135126
CCB07	Aluminum	100	+/-100	U	100	P	03/21/2025	15:54	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	15:54	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	15:54	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	15:54	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	15:54	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	15:54	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	15:54	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	15:54	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	15:54	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	15:54	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	15:54	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	15:54	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	15:54	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	15:54	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	15:54	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	15:54	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	15:54	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	15:54	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	15:54	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	15:54	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	15:54	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	15:54	LB135126
CCB08	Aluminum	100	+/-100	U	100	P	03/21/2025	16:48	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	16:48	LB135126

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	16:48	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	16:48	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	16:48	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	16:48	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	16:48	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	16:48	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	16:48	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	16:48	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	16:48	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	16:48	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	16:48	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	16:48	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	16:48	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	16:48	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	16:48	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	16:48	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	16:48	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	16:48	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	16:48	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	16:48	LB135126
CCB09	Aluminum	100	+/-100	U	100	P	03/21/2025	17:30	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	17:30	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	17:30	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	17:30	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	17:30	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	17:30	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	17:30	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	17:30	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	17:30	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	17:30	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	17:30	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	17:30	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	17:30	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	17:30	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	17:30	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	17:30	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	17:30	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	17:30	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	17:30	LB135126

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	17:30	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	17:30	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	17:30	LB135126
CCB10	Aluminum	100	+/-100	U	100	P	03/21/2025	17:45	LB135126
	Antimony	50.0	+/-50.0	U	50.0	P	03/21/2025	17:45	LB135126
	Arsenic	20.0	+/-20.0	U	20.0	P	03/21/2025	17:45	LB135126
	Barium	100	+/-100	U	100	P	03/21/2025	17:45	LB135126
	Beryllium	6.00	+/-6.00	U	6.00	P	03/21/2025	17:45	LB135126
	Cadmium	6.00	+/-6.00	U	6.00	P	03/21/2025	17:45	LB135126
	Calcium	2000	+/-2000	U	2000	P	03/21/2025	17:45	LB135126
	Chromium	10.0	+/-10.0	U	10.0	P	03/21/2025	17:45	LB135126
	Cobalt	30.0	+/-30.0	U	30.0	P	03/21/2025	17:45	LB135126
	Copper	20.0	+/-20.0	U	20.0	P	03/21/2025	17:45	LB135126
	Iron	100	+/-100	U	100	P	03/21/2025	17:45	LB135126
	Lead	12.0	+/-12.0	U	12.0	P	03/21/2025	17:45	LB135126
	Magnesium	2000	+/-2000	U	2000	P	03/21/2025	17:45	LB135126
	Manganese	20.0	+/-20.0	U	20.0	P	03/21/2025	17:45	LB135126
	Nickel	40.0	+/-40.0	U	40.0	P	03/21/2025	17:45	LB135126
	Potassium	2000	+/-2000	U	2000	P	03/21/2025	17:45	LB135126
	Selenium	20.0	+/-20.0	U	20.0	P	03/21/2025	17:45	LB135126
	Silver	10.0	+/-10.0	U	10.0	P	03/21/2025	17:45	LB135126
	Sodium	2000	+/-2000	U	2000	P	03/21/2025	17:45	LB135126
	Thallium	40.0	+/-40.0	U	40.0	P	03/21/2025	17:45	LB135126
	Vanadium	40.0	+/-40.0	U	40.0	P	03/21/2025	17:45	LB135126
	Zinc	40.0	+/-40.0	U	40.0	P	03/21/2025	17:45	LB135126

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	03/24/2025	10:49	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	10:49	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	10:49	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	10:49	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	10:49	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	10:49	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	10:49	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	10:49	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	10:49	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	10:49	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	10:49	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	10:49	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	10:49	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	10:49	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	10:49	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	10:49	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	10:49	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	10:49	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	10:49	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	10:49	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	10:49	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	10:49	LB135158

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	03/24/2025	11:26	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	11:26	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	11:26	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	11:26	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	11:26	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	11:26	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	11:26	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	11:26	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	11:26	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	11:26	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	11:26	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	11:26	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	11:26	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	11:26	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	11:26	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	11:26	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	11:26	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	11:26	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	11:26	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	11:26	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	11:26	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	11:26	LB135158
CCB02	Aluminum	100	+/-100	U	100	P	03/24/2025	12:17	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	12:17	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	12:17	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	12:17	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	12:17	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	12:17	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	12:17	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	12:17	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	12:17	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	12:17	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	12:17	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	12:17	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	12:17	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	12:17	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	12:17	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	12:17	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	12:17	LB135158

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	03/24/2025	12:17	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	12:17	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	12:17	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	12:17	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	12:17	LB135158
CCB03	Aluminum	100	+/-100	U	100	P	03/24/2025	13:11	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	13:11	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	13:11	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	13:11	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	13:11	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	13:11	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	13:11	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	13:11	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	13:11	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	13:11	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	13:11	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	13:11	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	13:11	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	13:11	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	13:11	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	13:11	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	13:11	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	13:11	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	13:11	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	13:11	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	13:11	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	13:11	LB135158
CCB04	Aluminum	100	+/-100	U	100	P	03/24/2025	14:11	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	14:11	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	14:11	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	14:11	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	14:11	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	14:11	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	14:11	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	14:11	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	14:11	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	14:11	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	14:11	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	14:11	LB135158

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	14:11	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	14:11	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	14:11	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	14:11	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	14:11	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	14:11	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	14:11	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	14:11	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	14:11	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	14:11	LB135158
CCB05	Aluminum	100	+/-100	U	100	P	03/24/2025	15:34	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	15:34	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	15:34	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	15:34	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	15:34	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	15:34	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	15:34	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	15:34	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	15:34	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	15:34	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	15:34	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	15:34	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	15:34	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	15:34	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	15:34	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	15:34	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	15:34	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	15:34	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	15:34	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	15:34	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	15:34	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	15:34	LB135158
CCB06	Aluminum	100	+/-100	U	100	P	03/24/2025	16:43	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	16:43	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	16:43	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	16:43	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	16:43	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	16:43	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	16:43	LB135158

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	16:43	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	16:43	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	16:43	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	16:43	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	16:43	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	16:43	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	16:43	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	16:43	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	16:43	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	16:43	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	16:43	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	16:43	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	16:43	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	16:43	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	16:43	LB135158
CCB07	Aluminum	100	+/-100	U	100	P	03/24/2025	17:33	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	17:33	LB135158
	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	17:33	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	17:33	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	17:33	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	17:33	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	17:33	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	17:33	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	17:33	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	17:33	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	17:33	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	17:33	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	17:33	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	17:33	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	17:33	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	17:33	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	17:33	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	17:33	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	17:33	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	17:33	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	17:33	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	17:33	LB135158
CCB08	Aluminum	100	+/-100	U	100	P	03/24/2025	18:08	LB135158
	Antimony	50.0	+/-50.0	U	50.0	P	03/24/2025	18:08	LB135158

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	20.0	+/-20.0	U	20.0	P	03/24/2025	18:08	LB135158
	Barium	100	+/-100	U	100	P	03/24/2025	18:08	LB135158
	Beryllium	6.00	+/-6.00	U	6.00	P	03/24/2025	18:08	LB135158
	Cadmium	6.00	+/-6.00	U	6.00	P	03/24/2025	18:08	LB135158
	Calcium	2000	+/-2000	U	2000	P	03/24/2025	18:08	LB135158
	Chromium	10.0	+/-10.0	U	10.0	P	03/24/2025	18:08	LB135158
	Cobalt	30.0	+/-30.0	U	30.0	P	03/24/2025	18:08	LB135158
	Copper	20.0	+/-20.0	U	20.0	P	03/24/2025	18:08	LB135158
	Iron	100	+/-100	U	100	P	03/24/2025	18:08	LB135158
	Lead	12.0	+/-12.0	U	12.0	P	03/24/2025	18:08	LB135158
	Magnesium	2000	+/-2000	U	2000	P	03/24/2025	18:08	LB135158
	Manganese	20.0	+/-20.0	U	20.0	P	03/24/2025	18:08	LB135158
	Nickel	40.0	+/-40.0	U	40.0	P	03/24/2025	18:08	LB135158
	Potassium	2000	+/-2000	U	2000	P	03/24/2025	18:08	LB135158
	Selenium	20.0	+/-20.0	U	20.0	P	03/24/2025	18:08	LB135158
	Silver	10.0	+/-10.0	U	10.0	P	03/24/2025	18:08	LB135158
	Sodium	2000	+/-2000	U	2000	P	03/24/2025	18:08	LB135158
	Thallium	40.0	+/-40.0	U	40.0	P	03/24/2025	18:08	LB135158
	Vanadium	40.0	+/-40.0	U	40.0	P	03/24/2025	18:08	LB135158
	Zinc	40.0	+/-40.0	U	40.0	P	03/24/2025	18:08	LB135158

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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

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Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167196BL		**WATER**		**Batch Number:**	**PB167196**		**Prep Date:**	**03/18/2025**	
	Mercury	0.20	<0.20	U	0.20	CV	03/18/2025	14:01	LB135071

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1576

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167177BL		**WATER**		**Batch Number:**	**PB167177**		**Prep Date:**	**03/18/2025**	
	Aluminum	50.0	<50.0	U	50.0	P	03/21/2025	14:50	LB135126
	Antimony	25.0	<25.0	U	25.0	P	03/21/2025	14:50	LB135126
	Arsenic	10.0	<10.0	U	10.0	P	03/21/2025	14:50	LB135126
	Barium	50.0	<50.0	U	50.0	P	03/21/2025	14:50	LB135126
	Beryllium	3.00	<3.00	U	3.00	P	03/21/2025	14:50	LB135126
	Cadmium	3.00	<3.00	U	3.00	P	03/21/2025	14:50	LB135126
	Calcium	1000	<1000	U	1000	P	03/21/2025	14:50	LB135126
	Chromium	5.00	<5.00	U	5.00	P	03/21/2025	14:50	LB135126
	Cobalt	15.0	<15.0	U	15.0	P	03/21/2025	14:50	LB135126
	Copper	10.0	<10.0	U	10.0	P	03/21/2025	14:50	LB135126
	Iron	50.0	<50.0	U	50.0	P	03/21/2025	14:50	LB135126
	Lead	6.00	<6.00	U	6.00	P	03/21/2025	14:50	LB135126
	Magnesium	1000	<1000	U	1000	P	03/21/2025	14:50	LB135126
	Manganese	10.0	<10.0	U	10.0	P	03/21/2025	14:50	LB135126
	Nickel	20.0	<20.0	U	20.0	P	03/21/2025	14:50	LB135126
	Potassium	1000	<1000	U	1000	P	03/21/2025	14:50	LB135126
	Selenium	10.0	<10.0	U	10.0	P	03/21/2025	14:50	LB135126
	Silver	5.00	<5.00	U	5.00	P	03/21/2025	14:50	LB135126
	Sodium	1000	<1000	U	1000	P	03/21/2025	14:50	LB135126
	Thallium	20.0	<20.0	U	20.0	P	03/21/2025	14:50	LB135126
	Vanadium	20.0	<20.0	U	20.0	P	03/21/2025	14:50	LB135126
	Zinc	20.0	<20.0	U	20.0	P	03/21/2025	14:50	LB135126

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
ICV47	Mercury	4.20	4.0	105	90 - 110	CV	03/18/2025	13:42	LB135071

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV23	Mercury	5.18	5.0	104	90 - 110	CV	03/18/2025	13:47	LB135071
CCV24	Mercury	4.71	5.0	94	90 - 110	CV	03/18/2025	14:17	LB135071
CCV25	Mercury	4.79	5.0	96	90 - 110	CV	03/18/2025	14:54	LB135071

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	2480	2500	99	90 - 110	P	03/21/2025	10:02	LB135126
	Antimony	1040	1000	104	90 - 110	P	03/21/2025	10:02	LB135126
	Arsenic	1030	1000	103	90 - 110	P	03/21/2025	10:02	LB135126
	Barium	482	520	93	90 - 110	P	03/21/2025	10:02	LB135126
	Beryllium	485	510	95	90 - 110	P	03/21/2025	10:02	LB135126
	Cadmium	504	510	99	90 - 110	P	03/21/2025	10:02	LB135126
	Calcium	9710	10000	97	90 - 110	P	03/21/2025	10:02	LB135126
	Chromium	531	520	102	90 - 110	P	03/21/2025	10:02	LB135126
	Cobalt	511	520	98	90 - 110	P	03/21/2025	10:02	LB135126
	Copper	540	510	106	90 - 110	P	03/21/2025	10:02	LB135126
	Iron	9940	10000	99	90 - 110	P	03/21/2025	10:02	LB135126
	Lead	999	1000	100	90 - 110	P	03/21/2025	10:02	LB135126
	Magnesium	5770	6000	96	90 - 110	P	03/21/2025	10:02	LB135126
	Manganese	486	520	94	90 - 110	P	03/21/2025	10:02	LB135126
	Nickel	514	530	97	90 - 110	P	03/21/2025	10:02	LB135126
	Potassium	9780	9900	99	90 - 110	P	03/21/2025	10:02	LB135126
	Selenium	1070	1000	106	90 - 110	P	03/21/2025	10:02	LB135126
	Silver	257	250	103	90 - 110	P	03/21/2025	10:02	LB135126
	Sodium	9340	10000	93	90 - 110	P	03/21/2025	10:02	LB135126
	Thallium	1050	1000	105	90 - 110	P	03/21/2025	10:02	LB135126
	Vanadium	482	500	96	90 - 110	P	03/21/2025	10:02	LB135126
	Zinc	1040	1000	104	90 - 110	P	03/21/2025	10:02	LB135126

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	95.1	100	95	80 - 120	P	03/21/2025	10:07	LB135126
	Antimony	53.2	50.0	106	80 - 120	P	03/21/2025	10:07	LB135126
	Arsenic	20.9	20.0	104	80 - 120	P	03/21/2025	10:07	LB135126
	Barium	92.1	100	92	80 - 120	P	03/21/2025	10:07	LB135126
	Beryllium	5.86	6.0	98	80 - 120	P	03/21/2025	10:07	LB135126
	Cadmium	5.83	6.0	97	80 - 120	P	03/21/2025	10:07	LB135126
	Calcium	1950	2000	97	80 - 120	P	03/21/2025	10:07	LB135126
	Chromium	9.83	10.0	98	80 - 120	P	03/21/2025	10:07	LB135126
	Cobalt	29.3	30.0	98	80 - 120	P	03/21/2025	10:07	LB135126
	Copper	21.9	20.0	109	80 - 120	P	03/21/2025	10:07	LB135126
	Iron	94.9	100	95	80 - 120	P	03/21/2025	10:07	LB135126
	Lead	11.9	12.0	99	80 - 120	P	03/21/2025	10:07	LB135126
	Magnesium	2080	2000	104	80 - 120	P	03/21/2025	10:07	LB135126
	Manganese	18.2	20.0	91	80 - 120	P	03/21/2025	10:07	LB135126
	Nickel	38.7	40.0	97	80 - 120	P	03/21/2025	10:07	LB135126
	Potassium	1950	2000	98	80 - 120	P	03/21/2025	10:07	LB135126
	Selenium	18.8	20.0	94	80 - 120	P	03/21/2025	10:07	LB135126
	Silver	10.7	10.0	107	80 - 120	P	03/21/2025	10:07	LB135126
	Sodium	1820	2000	91	80 - 120	P	03/21/2025	10:07	LB135126
	Thallium	41.4	40.0	104	80 - 120	P	03/21/2025	10:07	LB135126
	Vanadium	38.5	40.0	96	80 - 120	P	03/21/2025	10:07	LB135126
	Zinc	40.4	40.0	101	80 - 120	P	03/21/2025	10:07	LB135126

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

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	9800	10000	98	90 - 110	P	03/21/2025	10:42	LB135126
	Antimony	5150	5000	103	90 - 110	P	03/21/2025	10:42	LB135126
	Arsenic	5120	5000	102	90 - 110	P	03/21/2025	10:42	LB135126
	Barium	9450	10000	94	90 - 110	P	03/21/2025	10:42	LB135126
	Beryllium	240	250	96	90 - 110	P	03/21/2025	10:42	LB135126
	Cadmium	2460	2500	98	90 - 110	P	03/21/2025	10:42	LB135126
	Calcium	23900	25000	96	90 - 110	P	03/21/2025	10:42	LB135126
	Chromium	1010	1000	101	90 - 110	P	03/21/2025	10:42	LB135126
	Cobalt	2450	2500	98	90 - 110	P	03/21/2025	10:42	LB135126
	Copper	1280	1250	102	90 - 110	P	03/21/2025	10:42	LB135126
	Iron	4900	5000	98	90 - 110	P	03/21/2025	10:42	LB135126
	Lead	4960	5000	99	90 - 110	P	03/21/2025	10:42	LB135126
	Magnesium	24100	25000	96	90 - 110	P	03/21/2025	10:42	LB135126
	Manganese	2320	2500	93	90 - 110	P	03/21/2025	10:42	LB135126
	Nickel	2450	2500	98	90 - 110	P	03/21/2025	10:42	LB135126
	Potassium	25000	25000	100	90 - 110	P	03/21/2025	10:42	LB135126
	Selenium	5080	5000	102	90 - 110	P	03/21/2025	10:42	LB135126
	Silver	1250	1250	100	90 - 110	P	03/21/2025	10:42	LB135126
	Sodium	24300	25000	97	90 - 110	P	03/21/2025	10:42	LB135126
	Thallium	4940	5000	99	90 - 110	P	03/21/2025	10:42	LB135126
	Vanadium	2420	2500	97	90 - 110	P	03/21/2025	10:42	LB135126
	Zinc	2530	2500	101	90 - 110	P	03/21/2025	10:42	LB135126
CCV02	Aluminum	9890	10000	99	90 - 110	P	03/21/2025	11:33	LB135126
	Antimony	5210	5000	104	90 - 110	P	03/21/2025	11:33	LB135126
	Arsenic	5200	5000	104	90 - 110	P	03/21/2025	11:33	LB135126
	Barium	9440	10000	94	90 - 110	P	03/21/2025	11:33	LB135126
	Beryllium	241	250	96	90 - 110	P	03/21/2025	11:33	LB135126
	Cadmium	2440	2500	98	90 - 110	P	03/21/2025	11:33	LB135126
	Calcium	23900	25000	96	90 - 110	P	03/21/2025	11:33	LB135126
	Chromium	1020	1000	102	90 - 110	P	03/21/2025	11:33	LB135126
	Cobalt	2440	2500	97	90 - 110	P	03/21/2025	11:33	LB135126
	Copper	1290	1250	103	90 - 110	P	03/21/2025	11:33	LB135126
	Iron	4960	5000	99	90 - 110	P	03/21/2025	11:33	LB135126
	Lead	4940	5000	99	90 - 110	P	03/21/2025	11:33	LB135126

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	24400	25000	98	90 - 110	P	03/21/2025	11:33	LB135126
	Manganese	2320	2500	93	90 - 110	P	03/21/2025	11:33	LB135126
	Nickel	2430	2500	97	90 - 110	P	03/21/2025	11:33	LB135126
	Potassium	25100	25000	100	90 - 110	P	03/21/2025	11:33	LB135126
	Selenium	5140	5000	103	90 - 110	P	03/21/2025	11:33	LB135126
	Silver	1260	1250	101	90 - 110	P	03/21/2025	11:33	LB135126
	Sodium	24300	25000	97	90 - 110	P	03/21/2025	11:33	LB135126
	Thallium	4930	5000	99	90 - 110	P	03/21/2025	11:33	LB135126
	Vanadium	2450	2500	98	90 - 110	P	03/21/2025	11:33	LB135126
	Zinc	2540	2500	102	90 - 110	P	03/21/2025	11:33	LB135126
CCV03	Aluminum	9780	10000	98	90 - 110	P	03/21/2025	12:27	LB135126
	Antimony	5130	5000	103	90 - 110	P	03/21/2025	12:27	LB135126
	Arsenic	5140	5000	103	90 - 110	P	03/21/2025	12:27	LB135126
	Barium	9360	10000	94	90 - 110	P	03/21/2025	12:27	LB135126
	Beryllium	243	250	97	90 - 110	P	03/21/2025	12:27	LB135126
	Cadmium	2440	2500	98	90 - 110	P	03/21/2025	12:27	LB135126
	Calcium	23800	25000	95	90 - 110	P	03/21/2025	12:27	LB135126
	Chromium	1020	1000	102	90 - 110	P	03/21/2025	12:27	LB135126
	Cobalt	2430	2500	97	90 - 110	P	03/21/2025	12:27	LB135126
	Copper	1260	1250	100	90 - 110	P	03/21/2025	12:27	LB135126
	Iron	4870	5000	98	90 - 110	P	03/21/2025	12:27	LB135126
	Lead	4930	5000	99	90 - 110	P	03/21/2025	12:27	LB135126
	Magnesium	24400	25000	98	90 - 110	P	03/21/2025	12:27	LB135126
	Manganese	2300	2500	92	90 - 110	P	03/21/2025	12:27	LB135126
	Nickel	2430	2500	97	90 - 110	P	03/21/2025	12:27	LB135126
	Potassium	24400	25000	98	90 - 110	P	03/21/2025	12:27	LB135126
	Selenium	5070	5000	101	90 - 110	P	03/21/2025	12:27	LB135126
	Silver	1250	1250	100	90 - 110	P	03/21/2025	12:27	LB135126
	Sodium	23600	25000	94	90 - 110	P	03/21/2025	12:27	LB135126
	Thallium	4980	5000	100	90 - 110	P	03/21/2025	12:27	LB135126
	Vanadium	2420	2500	97	90 - 110	P	03/21/2025	12:27	LB135126
	Zinc	2490	2500	100	90 - 110	P	03/21/2025	12:27	LB135126
CCV04	Aluminum	9880	10000	99	90 - 110	P	03/21/2025	13:17	LB135126
	Antimony	5190	5000	104	90 - 110	P	03/21/2025	13:17	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV04	Arsenic	5210	5000	104	90 - 110	P	03/21/2025	13:17	LB135126
	Barium	9610	10000	96	90 - 110	P	03/21/2025	13:17	LB135126
	Beryllium	241	250	96	90 - 110	P	03/21/2025	13:17	LB135126
	Cadmium	2450	2500	98	90 - 110	P	03/21/2025	13:17	LB135126
	Calcium	24000	25000	96	90 - 110	P	03/21/2025	13:17	LB135126
	Chromium	1030	1000	102	90 - 110	P	03/21/2025	13:17	LB135126
	Cobalt	2440	2500	98	90 - 110	P	03/21/2025	13:17	LB135126
	Copper	1290	1250	103	90 - 110	P	03/21/2025	13:17	LB135126
	Iron	4900	5000	98	90 - 110	P	03/21/2025	13:17	LB135126
	Lead	4950	5000	99	90 - 110	P	03/21/2025	13:17	LB135126
	Magnesium	24500	25000	98	90 - 110	P	03/21/2025	13:17	LB135126
	Manganese	2310	2500	92	90 - 110	P	03/21/2025	13:17	LB135126
	Nickel	2430	2500	97	90 - 110	P	03/21/2025	13:17	LB135126
	Potassium	24900	25000	100	90 - 110	P	03/21/2025	13:17	LB135126
	Selenium	5130	5000	102	90 - 110	P	03/21/2025	13:17	LB135126
	Silver	1260	1250	100	90 - 110	P	03/21/2025	13:17	LB135126
	Sodium	24000	25000	96	90 - 110	P	03/21/2025	13:17	LB135126
	Thallium	4940	5000	99	90 - 110	P	03/21/2025	13:17	LB135126
	Vanadium	2440	2500	98	90 - 110	P	03/21/2025	13:17	LB135126
	Zinc	2510	2500	100	90 - 110	P	03/21/2025	13:17	LB135126
CCV05	Aluminum	9780	10000	98	90 - 110	P	03/21/2025	14:07	LB135126
	Antimony	5040	5000	101	90 - 110	P	03/21/2025	14:07	LB135126
	Arsenic	5040	5000	101	90 - 110	P	03/21/2025	14:07	LB135126
	Barium	9380	10000	94	90 - 110	P	03/21/2025	14:07	LB135126
	Beryllium	242	250	97	90 - 110	P	03/21/2025	14:07	LB135126
	Cadmium	2430	2500	97	90 - 110	P	03/21/2025	14:07	LB135126
	Calcium	23800	25000	95	90 - 110	P	03/21/2025	14:07	LB135126
	Chromium	1010	1000	101	90 - 110	P	03/21/2025	14:07	LB135126
	Cobalt	2420	2500	97	90 - 110	P	03/21/2025	14:07	LB135126
	Copper	1260	1250	101	90 - 110	P	03/21/2025	14:07	LB135126
	Iron	4750	5000	95	90 - 110	P	03/21/2025	14:07	LB135126
	Lead	4900	5000	98	90 - 110	P	03/21/2025	14:07	LB135126
	Magnesium	24400	25000	98	90 - 110	P	03/21/2025	14:07	LB135126
	Manganese	2320	2500	93	90 - 110	P	03/21/2025	14:07	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV05	Nickel	2420	2500	97	90 - 110	P	03/21/2025	14:07	LB135126
	Potassium	23600	25000	94	90 - 110	P	03/21/2025	14:07	LB135126
	Selenium	4980	5000	100	90 - 110	P	03/21/2025	14:07	LB135126
	Silver	1230	1250	98	90 - 110	P	03/21/2025	14:07	LB135126
	Sodium	23000	25000	92	90 - 110	P	03/21/2025	14:07	LB135126
	Thallium	4940	5000	99	90 - 110	P	03/21/2025	14:07	LB135126
	Vanadium	2420	2500	97	90 - 110	P	03/21/2025	14:07	LB135126
	Zinc	2460	2500	98	90 - 110	P	03/21/2025	14:07	LB135126
CCV06	Aluminum	9780	10000	98	90 - 110	P	03/21/2025	14:58	LB135126
	Antimony	5080	5000	102	90 - 110	P	03/21/2025	14:58	LB135126
	Arsenic	5100	5000	102	90 - 110	P	03/21/2025	14:58	LB135126
	Barium	9420	10000	94	90 - 110	P	03/21/2025	14:58	LB135126
	Beryllium	243	250	97	90 - 110	P	03/21/2025	14:58	LB135126
	Cadmium	2460	2500	98	90 - 110	P	03/21/2025	14:58	LB135126
	Calcium	24000	25000	96	90 - 110	P	03/21/2025	14:58	LB135126
	Chromium	1020	1000	102	90 - 110	P	03/21/2025	14:58	LB135126
	Cobalt	2450	2500	98	90 - 110	P	03/21/2025	14:58	LB135126
	Copper	1270	1250	102	90 - 110	P	03/21/2025	14:58	LB135126
	Iron	4890	5000	98	90 - 110	P	03/21/2025	14:58	LB135126
	Lead	4950	5000	99	90 - 110	P	03/21/2025	14:58	LB135126
	Magnesium	24300	25000	97	90 - 110	P	03/21/2025	14:58	LB135126
	Manganese	2320	2500	93	90 - 110	P	03/21/2025	14:58	LB135126
	Nickel	2450	2500	98	90 - 110	P	03/21/2025	14:58	LB135126
	Potassium	24500	25000	98	90 - 110	P	03/21/2025	14:58	LB135126
	Selenium	5040	5000	101	90 - 110	P	03/21/2025	14:58	LB135126
	Silver	1250	1250	100	90 - 110	P	03/21/2025	14:58	LB135126
	Sodium	23800	25000	95	90 - 110	P	03/21/2025	14:58	LB135126
	Thallium	4980	5000	100	90 - 110	P	03/21/2025	14:58	LB135126
	Vanadium	2430	2500	97	90 - 110	P	03/21/2025	14:58	LB135126
	Zinc	2510	2500	100	90 - 110	P	03/21/2025	14:58	LB135126
CCV07	Aluminum	9720	10000	97	90 - 110	P	03/21/2025	15:50	LB135126
	Antimony	5130	5000	103	90 - 110	P	03/21/2025	15:50	LB135126
	Arsenic	5130	5000	103	90 - 110	P	03/21/2025	15:50	LB135126
	Barium	9310	10000	93	90 - 110	P	03/21/2025	15:50	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV07	Beryllium	236	250	94	90 - 110	P	03/21/2025	15:50	LB135126
	Cadmium	2430	2500	97	90 - 110	P	03/21/2025	15:50	LB135126
	Calcium	23600	25000	94	90 - 110	P	03/21/2025	15:50	LB135126
	Chromium	1010	1000	101	90 - 110	P	03/21/2025	15:50	LB135126
	Cobalt	2420	2500	97	90 - 110	P	03/21/2025	15:50	LB135126
	Copper	1270	1250	102	90 - 110	P	03/21/2025	15:50	LB135126
	Iron	4850	5000	97	90 - 110	P	03/21/2025	15:50	LB135126
	Lead	4890	5000	98	90 - 110	P	03/21/2025	15:50	LB135126
	Magnesium	24100	25000	96	90 - 110	P	03/21/2025	15:50	LB135126
	Manganese	2270	2500	91	90 - 110	P	03/21/2025	15:50	LB135126
	Nickel	2410	2500	97	90 - 110	P	03/21/2025	15:50	LB135126
	Potassium	24600	25000	98	90 - 110	P	03/21/2025	15:50	LB135126
	Selenium	5080	5000	102	90 - 110	P	03/21/2025	15:50	LB135126
	Silver	1240	1250	99	90 - 110	P	03/21/2025	15:50	LB135126
	Sodium	23700	25000	95	90 - 110	P	03/21/2025	15:50	LB135126
	Thallium	4950	5000	99	90 - 110	P	03/21/2025	15:50	LB135126
	Vanadium	2400	2500	96	90 - 110	P	03/21/2025	15:50	LB135126
	Zinc	2490	2500	100	90 - 110	P	03/21/2025	15:50	LB135126
CCV08	Aluminum	9750	10000	98	90 - 110	P	03/21/2025	16:44	LB135126
	Antimony	5100	5000	102	90 - 110	P	03/21/2025	16:44	LB135126
	Arsenic	5060	5000	101	90 - 110	P	03/21/2025	16:44	LB135126
	Barium	9550	10000	96	90 - 110	P	03/21/2025	16:44	LB135126
	Beryllium	241	250	96	90 - 110	P	03/21/2025	16:44	LB135126
	Cadmium	2410	2500	96	90 - 110	P	03/21/2025	16:44	LB135126
	Calcium	23700	25000	95	90 - 110	P	03/21/2025	16:44	LB135126
	Chromium	997	1000	100	90 - 110	P	03/21/2025	16:44	LB135126
	Cobalt	2410	2500	96	90 - 110	P	03/21/2025	16:44	LB135126
	Copper	1260	1250	101	90 - 110	P	03/21/2025	16:44	LB135126
	Iron	4700	5000	94	90 - 110	P	03/21/2025	16:44	LB135126
	Lead	4860	5000	97	90 - 110	P	03/21/2025	16:44	LB135126
	Magnesium	24200	25000	97	90 - 110	P	03/21/2025	16:44	LB135126
	Manganese	2300	2500	92	90 - 110	P	03/21/2025	16:44	LB135126
	Nickel	2400	2500	96	90 - 110	P	03/21/2025	16:44	LB135126
	Potassium	23400	25000	94	90 - 110	P	03/21/2025	16:44	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV08	Selenium	5000	5000	100	90 - 110	P	03/21/2025	16:44	LB135126
	Silver	1220	1250	98	90 - 110	P	03/21/2025	16:44	LB135126
	Sodium	22900	25000	92	90 - 110	P	03/21/2025	16:44	LB135126
	Thallium	4850	5000	97	90 - 110	P	03/21/2025	16:44	LB135126
	Vanadium	2410	2500	96	90 - 110	P	03/21/2025	16:44	LB135126
	Zinc	2440	2500	98	90 - 110	P	03/21/2025	16:44	LB135126
CCV09	Aluminum	9600	10000	96	90 - 110	P	03/21/2025	17:25	LB135126
	Antimony	5130	5000	103	90 - 110	P	03/21/2025	17:25	LB135126
	Arsenic	5100	5000	102	90 - 110	P	03/21/2025	17:25	LB135126
	Barium	9380	10000	94	90 - 110	P	03/21/2025	17:25	LB135126
	Beryllium	238	250	95	90 - 110	P	03/21/2025	17:25	LB135126
	Cadmium	2390	2500	96	90 - 110	P	03/21/2025	17:25	LB135126
	Calcium	23300	25000	93	90 - 110	P	03/21/2025	17:25	LB135126
	Chromium	1000	1000	100	90 - 110	P	03/21/2025	17:25	LB135126
	Cobalt	2380	2500	95	90 - 110	P	03/21/2025	17:25	LB135126
	Copper	1270	1250	102	90 - 110	P	03/21/2025	17:25	LB135126
	Iron	4810	5000	96	90 - 110	P	03/21/2025	17:25	LB135126
	Lead	4830	5000	97	90 - 110	P	03/21/2025	17:25	LB135126
	Magnesium	23800	25000	95	90 - 110	P	03/21/2025	17:25	LB135126
	Manganese	2260	2500	90	90 - 110	P	03/21/2025	17:25	LB135126
	Nickel	2380	2500	95	90 - 110	P	03/21/2025	17:25	LB135126
	Potassium	24000	25000	96	90 - 110	P	03/21/2025	17:25	LB135126
	Selenium	5040	5000	101	90 - 110	P	03/21/2025	17:25	LB135126
	Silver	1240	1250	99	90 - 110	P	03/21/2025	17:25	LB135126
	Sodium	23300	25000	93	90 - 110	P	03/21/2025	17:25	LB135126
	Thallium	4830	5000	97	90 - 110	P	03/21/2025	17:25	LB135126
	Vanadium	2370	2500	95	90 - 110	P	03/21/2025	17:25	LB135126
	Zinc	2470	2500	99	90 - 110	P	03/21/2025	17:25	LB135126
CCV10	Aluminum	9690	10000	97	90 - 110	P	03/21/2025	17:41	LB135126
	Antimony	5080	5000	102	90 - 110	P	03/21/2025	17:41	LB135126
	Arsenic	5070	5000	102	90 - 110	P	03/21/2025	17:41	LB135126
	Barium	9520	10000	95	90 - 110	P	03/21/2025	17:41	LB135126
	Beryllium	240	250	96	90 - 110	P	03/21/2025	17:41	LB135126
	Cadmium	2380	2500	95	90 - 110	P	03/21/2025	17:41	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV10	Calcium	23500	25000	94	90 - 110	P	03/21/2025	17:41	LB135126
	Chromium	1000	1000	100	90 - 110	P	03/21/2025	17:41	LB135126
	Cobalt	2390	2500	96	90 - 110	P	03/21/2025	17:41	LB135126
	Copper	1270	1250	101	90 - 110	P	03/21/2025	17:41	LB135126
	Iron	4940	5000	99	90 - 110	P	03/21/2025	17:41	LB135126
	Lead	4820	5000	96	90 - 110	P	03/21/2025	17:41	LB135126
	Magnesium	23800	25000	95	90 - 110	P	03/21/2025	17:41	LB135126
	Manganese	2300	2500	92	90 - 110	P	03/21/2025	17:41	LB135126
	Nickel	2390	2500	95	90 - 110	P	03/21/2025	17:41	LB135126
	Potassium	24500	25000	98	90 - 110	P	03/21/2025	17:41	LB135126
	Selenium	5100	5000	102	90 - 110	P	03/21/2025	17:41	LB135126
	Silver	1240	1250	100	90 - 110	P	03/21/2025	17:41	LB135126
	Sodium	23900	25000	96	90 - 110	P	03/21/2025	17:41	LB135126
	Thallium	4830	5000	97	90 - 110	P	03/21/2025	17:41	LB135126
	Vanadium	2390	2500	96	90 - 110	P	03/21/2025	17:41	LB135126
	Zinc	2460	2500	98	90 - 110	P	03/21/2025	17:41	LB135126

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	2500	2500	100	90 - 110	P	03/24/2025	10:33	LB135158
	Antimony	1020	1000	102	90 - 110	P	03/24/2025	10:33	LB135158
	Arsenic	999	1000	100	90 - 110	P	03/24/2025	10:33	LB135158
	Barium	482	520	93	90 - 110	P	03/24/2025	10:33	LB135158
	Beryllium	490	510	96	90 - 110	P	03/24/2025	10:33	LB135158
	Cadmium	494	510	97	90 - 110	P	03/24/2025	10:33	LB135158
	Calcium	9750	10000	98	90 - 110	P	03/24/2025	10:33	LB135158
	Chromium	529	520	102	90 - 110	P	03/24/2025	10:33	LB135158
	Cobalt	504	520	97	90 - 110	P	03/24/2025	10:33	LB135158
	Copper	532	510	104	90 - 110	P	03/24/2025	10:33	LB135158
	Iron	9820	10000	98	90 - 110	P	03/24/2025	10:33	LB135158
	Lead	982	1000	98	90 - 110	P	03/24/2025	10:33	LB135158
	Magnesium	5830	6000	97	90 - 110	P	03/24/2025	10:33	LB135158
	Manganese	495	520	95	90 - 110	P	03/24/2025	10:33	LB135158
	Nickel	506	530	95	90 - 110	P	03/24/2025	10:33	LB135158
	Potassium	9610	9900	97	90 - 110	P	03/24/2025	10:33	LB135158
	Selenium	1030	1000	103	90 - 110	P	03/24/2025	10:33	LB135158
	Silver	258	250	103	90 - 110	P	03/24/2025	10:33	LB135158
	Sodium	9230	10000	92	90 - 110	P	03/24/2025	10:33	LB135158
	Thallium	1010	1000	101	90 - 110	P	03/24/2025	10:33	LB135158
	Vanadium	483	500	97	90 - 110	P	03/24/2025	10:33	LB135158
	Zinc	1040	1000	104	90 - 110	P	03/24/2025	10:33	LB135158

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	03/24/2025	10:45	LB135158
	Antimony	50.4	50.0	101	80 - 120	P	03/24/2025	10:45	LB135158
	Arsenic	18.2	20.0	91	80 - 120	P	03/24/2025	10:45	LB135158
	Barium	89.4	100	89	80 - 120	P	03/24/2025	10:45	LB135158
	Beryllium	5.84	6.0	97	80 - 120	P	03/24/2025	10:45	LB135158
	Cadmium	5.64	6.0	94	80 - 120	P	03/24/2025	10:45	LB135158
	Calcium	1940	2000	97	80 - 120	P	03/24/2025	10:45	LB135158
	Chromium	9.80	10.0	98	80 - 120	P	03/24/2025	10:45	LB135158
	Cobalt	28.8	30.0	96	80 - 120	P	03/24/2025	10:45	LB135158
	Copper	22.5	20.0	112	80 - 120	P	03/24/2025	10:45	LB135158
	Iron	95.8	100	96	80 - 120	P	03/24/2025	10:45	LB135158
	Lead	11.7	12.0	97	80 - 120	P	03/24/2025	10:45	LB135158
	Magnesium	2070	2000	104	80 - 120	P	03/24/2025	10:45	LB135158
	Manganese	18.3	20.0	92	80 - 120	P	03/24/2025	10:45	LB135158
	Nickel	38.5	40.0	96	80 - 120	P	03/24/2025	10:45	LB135158
	Potassium	1870	2000	94	80 - 120	P	03/24/2025	10:45	LB135158
	Selenium	18.3	20.0	92	80 - 120	P	03/24/2025	10:45	LB135158
	Silver	10.6	10.0	106	80 - 120	P	03/24/2025	10:45	LB135158
	Sodium	1730	2000	87	80 - 120	P	03/24/2025	10:45	LB135158
	Thallium	39.8	40.0	99	80 - 120	P	03/24/2025	10:45	LB135158
	Vanadium	39.1	40.0	98	80 - 120	P	03/24/2025	10:45	LB135158
	Zinc	41.9	40.0	105	80 - 120	P	03/24/2025	10:45	LB135158

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	9950	10000	100	90 - 110	P	03/24/2025	11:21	LB135158
	Antimony	5220	5000	104	90 - 110	P	03/24/2025	11:21	LB135158
	Arsenic	5100	5000	102	90 - 110	P	03/24/2025	11:21	LB135158
	Barium	9430	10000	94	90 - 110	P	03/24/2025	11:21	LB135158
	Beryllium	238	250	95	90 - 110	P	03/24/2025	11:21	LB135158
	Cadmium	2440	2500	98	90 - 110	P	03/24/2025	11:21	LB135158
	Calcium	24000	25000	96	90 - 110	P	03/24/2025	11:21	LB135158
	Chromium	1020	1000	102	90 - 110	P	03/24/2025	11:21	LB135158
	Cobalt	2440	2500	98	90 - 110	P	03/24/2025	11:21	LB135158
	Copper	1270	1250	102	90 - 110	P	03/24/2025	11:21	LB135158
	Iron	4870	5000	98	90 - 110	P	03/24/2025	11:21	LB135158
	Lead	4920	5000	98	90 - 110	P	03/24/2025	11:21	LB135158
	Magnesium	24100	25000	96	90 - 110	P	03/24/2025	11:21	LB135158
	Manganese	2330	2500	93	90 - 110	P	03/24/2025	11:21	LB135158
	Nickel	2440	2500	98	90 - 110	P	03/24/2025	11:21	LB135158
	Potassium	25000	25000	100	90 - 110	P	03/24/2025	11:21	LB135158
	Selenium	5080	5000	102	90 - 110	P	03/24/2025	11:21	LB135158
	Silver	1260	1250	101	90 - 110	P	03/24/2025	11:21	LB135158
	Sodium	24100	25000	96	90 - 110	P	03/24/2025	11:21	LB135158
	Thallium	4840	5000	97	90 - 110	P	03/24/2025	11:21	LB135158
	Vanadium	2430	2500	97	90 - 110	P	03/24/2025	11:21	LB135158
	Zinc	2540	2500	102	90 - 110	P	03/24/2025	11:21	LB135158
CCV02	Aluminum	9800	10000	98	90 - 110	P	03/24/2025	12:12	LB135158
	Antimony	5150	5000	103	90 - 110	P	03/24/2025	12:12	LB135158
	Arsenic	5010	5000	100	90 - 110	P	03/24/2025	12:12	LB135158
	Barium	9560	10000	96	90 - 110	P	03/24/2025	12:12	LB135158
	Beryllium	237	250	95	90 - 110	P	03/24/2025	12:12	LB135158
	Cadmium	2400	2500	96	90 - 110	P	03/24/2025	12:12	LB135158
	Calcium	23500	25000	94	90 - 110	P	03/24/2025	12:12	LB135158
	Chromium	982	1000	98	90 - 110	P	03/24/2025	12:12	LB135158
	Cobalt	2410	2500	96	90 - 110	P	03/24/2025	12:12	LB135158
	Copper	1260	1250	101	90 - 110	P	03/24/2025	12:12	LB135158
	Iron	4710	5000	94	90 - 110	P	03/24/2025	12:12	LB135158
	Lead	4830	5000	97	90 - 110	P	03/24/2025	12:12	LB135158

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	23500	25000	94	90 - 110	P	03/24/2025	12:12	LB135158
	Manganese	2300	2500	92	90 - 110	P	03/24/2025	12:12	LB135158
	Nickel	2420	2500	97	90 - 110	P	03/24/2025	12:12	LB135158
	Potassium	24300	25000	97	90 - 110	P	03/24/2025	12:12	LB135158
	Selenium	5070	5000	101	90 - 110	P	03/24/2025	12:12	LB135158
	Silver	1230	1250	98	90 - 110	P	03/24/2025	12:12	LB135158
	Sodium	23700	25000	95	90 - 110	P	03/24/2025	12:12	LB135158
	Thallium	4870	5000	97	90 - 110	P	03/24/2025	12:12	LB135158
	Vanadium	2390	2500	96	90 - 110	P	03/24/2025	12:12	LB135158
	Zinc	2490	2500	100	90 - 110	P	03/24/2025	12:12	LB135158
CCV03	Aluminum	9810	10000	98	90 - 110	P	03/24/2025	13:07	LB135158
	Antimony	5130	5000	103	90 - 110	P	03/24/2025	13:07	LB135158
	Arsenic	4970	5000	99	90 - 110	P	03/24/2025	13:07	LB135158
	Barium	9510	10000	95	90 - 110	P	03/24/2025	13:07	LB135158
	Beryllium	231	250	92	90 - 110	P	03/24/2025	13:07	LB135158
	Cadmium	2380	2500	95	90 - 110	P	03/24/2025	13:07	LB135158
	Calcium	23800	25000	95	90 - 110	P	03/24/2025	13:07	LB135158
	Chromium	980	1000	98	90 - 110	P	03/24/2025	13:07	LB135158
	Cobalt	2390	2500	96	90 - 110	P	03/24/2025	13:07	LB135158
	Copper	1250	1250	100	90 - 110	P	03/24/2025	13:07	LB135158
	Iron	4840	5000	97	90 - 110	P	03/24/2025	13:07	LB135158
	Lead	4800	5000	96	90 - 110	P	03/24/2025	13:07	LB135158
	Magnesium	23600	25000	94	90 - 110	P	03/24/2025	13:07	LB135158
	Manganese	2330	2500	93	90 - 110	P	03/24/2025	13:07	LB135158
	Nickel	2390	2500	95	90 - 110	P	03/24/2025	13:07	LB135158
	Potassium	24700	25000	99	90 - 110	P	03/24/2025	13:07	LB135158
	Selenium	4990	5000	100	90 - 110	P	03/24/2025	13:07	LB135158
	Silver	1220	1250	98	90 - 110	P	03/24/2025	13:07	LB135158
	Sodium	24100	25000	96	90 - 110	P	03/24/2025	13:07	LB135158
	Thallium	4880	5000	98	90 - 110	P	03/24/2025	13:07	LB135158
	Vanadium	2410	2500	96	90 - 110	P	03/24/2025	13:07	LB135158
	Zinc	2470	2500	99	90 - 110	P	03/24/2025	13:07	LB135158
CCV04	Aluminum	9500	10000	95	90 - 110	P	03/24/2025	14:06	LB135158
	Antimony	4930	5000	99	90 - 110	P	03/24/2025	14:06	LB135158

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV04	Arsenic	4830	5000	96	90 - 110	P	03/24/2025	14:06	LB135158
	Barium	9200	10000	92	90 - 110	P	03/24/2025	14:06	LB135158
	Beryllium	229	250	92	90 - 110	P	03/24/2025	14:06	LB135158
	Cadmium	2330	2500	93	90 - 110	P	03/24/2025	14:06	LB135158
	Calcium	22800	25000	91	90 - 110	P	03/24/2025	14:06	LB135158
	Chromium	951	1000	95	90 - 110	P	03/24/2025	14:06	LB135158
	Cobalt	2350	2500	94	90 - 110	P	03/24/2025	14:06	LB135158
	Copper	1230	1250	98	90 - 110	P	03/24/2025	14:06	LB135158
	Iron	4610	5000	92	90 - 110	P	03/24/2025	14:06	LB135158
	Lead	4680	5000	94	90 - 110	P	03/24/2025	14:06	LB135158
	Magnesium	22800	25000	91	90 - 110	P	03/24/2025	14:06	LB135158
	Manganese	2260	2500	90	90 - 110	P	03/24/2025	14:06	LB135158
	Nickel	2360	2500	94	90 - 110	P	03/24/2025	14:06	LB135158
	Potassium	23700	25000	95	90 - 110	P	03/24/2025	14:06	LB135158
	Selenium	4930	5000	99	90 - 110	P	03/24/2025	14:06	LB135158
	Silver	1190	1250	95	90 - 110	P	03/24/2025	14:06	LB135158
	Sodium	23100	25000	93	90 - 110	P	03/24/2025	14:06	LB135158
	Thallium	4850	5000	97	90 - 110	P	03/24/2025	14:06	LB135158
	Vanadium	2340	2500	94	90 - 110	P	03/24/2025	14:06	LB135158
	Zinc	2430	2500	97	90 - 110	P	03/24/2025	14:06	LB135158
CCV05	Aluminum	9480	10000	95	90 - 110	P	03/24/2025	15:30	LB135158
	Antimony	5000	5000	100	90 - 110	P	03/24/2025	15:30	LB135158
	Arsenic	4860	5000	97	90 - 110	P	03/24/2025	15:30	LB135158
	Barium	9350	10000	94	90 - 110	P	03/24/2025	15:30	LB135158
	Beryllium	252	250	101	90 - 110	P	03/24/2025	15:30	LB135158
	Cadmium	2310	2500	92	90 - 110	P	03/24/2025	15:30	LB135158
	Calcium	22500	25000	90	90 - 110	P	03/24/2025	15:30	LB135158
	Chromium	940	1000	94	90 - 110	P	03/24/2025	15:30	LB135158
	Cobalt	2330	2500	93	90 - 110	P	03/24/2025	15:30	LB135158
	Copper	1220	1250	98	90 - 110	P	03/24/2025	15:30	LB135158
	Iron	4640	5000	93	90 - 110	P	03/24/2025	15:30	LB135158
	Lead	4640	5000	93	90 - 110	P	03/24/2025	15:30	LB135158
	Magnesium	26200	25000	105	90 - 110	P	03/24/2025	15:30	LB135158
	Manganese	2580	2500	103	90 - 110	P	03/24/2025	15:30	LB135158

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV05	Nickel	2330	2500	93	90 - 110	P	03/24/2025	15:30	LB135158
	Potassium	24200	25000	97	90 - 110	P	03/24/2025	15:30	LB135158
	Selenium	4950	5000	99	90 - 110	P	03/24/2025	15:30	LB135158
	Silver	1180	1250	94	90 - 110	P	03/24/2025	15:30	LB135158
	Sodium	23600	25000	94	90 - 110	P	03/24/2025	15:30	LB135158
	Thallium	4770	5000	95	90 - 110	P	03/24/2025	15:30	LB135158
	Vanadium	2310	2500	92	90 - 110	P	03/24/2025	15:30	LB135158
	Zinc	2400	2500	96	90 - 110	P	03/24/2025	15:30	LB135158
CCV06	Aluminum	9270	10000	93	90 - 110	P	03/24/2025	16:39	LB135158
	Antimony	4870	5000	97	90 - 110	P	03/24/2025	16:39	LB135158
	Arsenic	4700	5000	94	90 - 110	P	03/24/2025	16:39	LB135158
	Barium	9200	10000	92	90 - 110	P	03/24/2025	16:39	LB135158
	Beryllium	253	250	101	90 - 110	P	03/24/2025	16:39	LB135158
	Cadmium	2340	2500	94	90 - 110	P	03/24/2025	16:39	LB135158
	Calcium	26500	25000	106	90 - 110	P	03/24/2025	16:39	LB135158
	Chromium	920	1000	92	90 - 110	P	03/24/2025	16:39	LB135158
	Cobalt	2260	2500	90	90 - 110	P	03/24/2025	16:39	LB135158
	Copper	1190	1250	95	90 - 110	P	03/24/2025	16:39	LB135158
	Iron	4580	5000	92	90 - 110	P	03/24/2025	16:39	LB135158
	Lead	4510	5000	90	90 - 110	P	03/24/2025	16:39	LB135158
	Magnesium	25600	25000	102	90 - 110	P	03/24/2025	16:39	LB135158
	Manganese	2490	2500	99	90 - 110	P	03/24/2025	16:39	LB135158
	Nickel	2260	2500	90	90 - 110	P	03/24/2025	16:39	LB135158
	Potassium	23700	25000	95	90 - 110	P	03/24/2025	16:39	LB135158
	Selenium	4790	5000	96	90 - 110	P	03/24/2025	16:39	LB135158
	Silver	1170	1250	93	90 - 110	P	03/24/2025	16:39	LB135158
	Sodium	23300	25000	93	90 - 110	P	03/24/2025	16:39	LB135158
	Thallium	4650	5000	93	90 - 110	P	03/24/2025	16:39	LB135158
	Vanadium	2260	2500	91	90 - 110	P	03/24/2025	16:39	LB135158
	Zinc	2370	2500	95	90 - 110	P	03/24/2025	16:39	LB135158
CCV07	Aluminum	9240	10000	92	90 - 110	P	03/24/2025	17:29	LB135158
	Antimony	4890	5000	98	90 - 110	P	03/24/2025	17:29	LB135158
	Arsenic	4740	5000	95	90 - 110	P	03/24/2025	17:29	LB135158
	Barium	9010	10000	90	90 - 110	P	03/24/2025	17:29	LB135158

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV07	Beryllium	253	250	101	90 - 110	P	03/24/2025	17:29	LB135158
	Cadmium	2260	2500	90	90 - 110	P	03/24/2025	17:29	LB135158
	Calcium	26600	25000	106	90 - 110	P	03/24/2025	17:29	LB135158
	Chromium	938	1000	94	90 - 110	P	03/24/2025	17:29	LB135158
	Cobalt	2280	2500	91	90 - 110	P	03/24/2025	17:29	LB135158
	Copper	1190	1250	96	90 - 110	P	03/24/2025	17:29	LB135158
	Iron	4630	5000	93	90 - 110	P	03/24/2025	17:29	LB135158
	Lead	4550	5000	91	90 - 110	P	03/24/2025	17:29	LB135158
	Magnesium	25800	25000	103	90 - 110	P	03/24/2025	17:29	LB135158
	Manganese	2520	2500	101	90 - 110	P	03/24/2025	17:29	LB135158
	Nickel	2280	2500	91	90 - 110	P	03/24/2025	17:29	LB135158
	Potassium	24000	25000	96	90 - 110	P	03/24/2025	17:29	LB135158
	Selenium	4830	5000	97	90 - 110	P	03/24/2025	17:29	LB135158
	Silver	1180	1250	94	90 - 110	P	03/24/2025	17:29	LB135158
	Sodium	23400	25000	94	90 - 110	P	03/24/2025	17:29	LB135158
	Thallium	4710	5000	94	90 - 110	P	03/24/2025	17:29	LB135158
	Vanadium	2260	2500	91	90 - 110	P	03/24/2025	17:29	LB135158
	Zinc	2400	2500	96	90 - 110	P	03/24/2025	17:29	LB135158
CCV08	Aluminum	9330	10000	93	90 - 110	P	03/24/2025	18:01	LB135158
	Antimony	4930	5000	99	90 - 110	P	03/24/2025	18:01	LB135158
	Arsenic	4760	5000	95	90 - 110	P	03/24/2025	18:01	LB135158
	Barium	9090	10000	91	90 - 110	P	03/24/2025	18:01	LB135158
	Beryllium	258	250	103	90 - 110	P	03/24/2025	18:01	LB135158
	Cadmium	2250	2500	90	90 - 110	P	03/24/2025	18:01	LB135158
	Calcium	26600	25000	107	90 - 110	P	03/24/2025	18:01	LB135158
	Chromium	931	1000	93	90 - 110	P	03/24/2025	18:01	LB135158
	Cobalt	2270	2500	91	90 - 110	P	03/24/2025	18:01	LB135158
	Copper	1200	1250	96	90 - 110	P	03/24/2025	18:01	LB135158
	Iron	4530	5000	91	90 - 110	P	03/24/2025	18:01	LB135158
	Lead	4550	5000	91	90 - 110	P	03/24/2025	18:01	LB135158
	Magnesium	25700	25000	103	90 - 110	P	03/24/2025	18:01	LB135158
	Manganese	2520	2500	101	90 - 110	P	03/24/2025	18:01	LB135158
	Nickel	2270	2500	91	90 - 110	P	03/24/2025	18:01	LB135158
	Potassium	23400	25000	94	90 - 110	P	03/24/2025	18:01	LB135158

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CCV08	Selenium	4850	5000	97	90 - 110	P	03/24/2025	18:01	LB135158
	Silver	1170	1250	94	90 - 110	P	03/24/2025	18:01	LB135158
	Sodium	22900	25000	92	90 - 110	P	03/24/2025	18:01	LB135158
	Thallium	4700	5000	94	90 - 110	P	03/24/2025	18:01	LB135158
	Vanadium	2270	2500	91	90 - 110	P	03/24/2025	18:01	LB135158
	Zinc	2340	2500	94	90 - 110	P	03/24/2025	18:01	LB135158

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	0.19	0.2	97	40 - 160	CV	03/18/2025	13:51	LB135071
CRI01	Aluminum	97.3	100	97	40 - 160	P	03/21/2025	10:20	LB135126
	Antimony	52.4	50.0	105	40 - 160	P	03/21/2025	10:20	LB135126
	Arsenic	20.7	20.0	104	40 - 160	P	03/21/2025	10:20	LB135126
	Barium	90.7	100	91	40 - 160	P	03/21/2025	10:20	LB135126
	Beryllium	5.72	6.0	95	40 - 160	P	03/21/2025	10:20	LB135126
	Cadmium	5.69	6.0	95	40 - 160	P	03/21/2025	10:20	LB135126
	Calcium	1920	2000	96	40 - 160	P	03/21/2025	10:20	LB135126
	Chromium	9.95	10.0	100	40 - 160	P	03/21/2025	10:20	LB135126
	Cobalt	28.7	30.0	96	40 - 160	P	03/21/2025	10:20	LB135126
	Copper	21.5	20.0	107	40 - 160	P	03/21/2025	10:20	LB135126
	Iron	89.9	100	90	40 - 160	P	03/21/2025	10:20	LB135126
	Lead	12.3	12.0	102	40 - 160	P	03/21/2025	10:20	LB135126
	Magnesium	2060	2000	103	40 - 160	P	03/21/2025	10:20	LB135126
	Manganese	18.3	20.0	92	40 - 160	P	03/21/2025	10:20	LB135126
	Nickel	38.5	40.0	96	40 - 160	P	03/21/2025	10:20	LB135126
	Potassium	1920	2000	96	40 - 160	P	03/21/2025	10:20	LB135126
	Selenium	20.0	20.0	100	40 - 160	P	03/21/2025	10:20	LB135126
	Silver	10.8	10.0	108	40 - 160	P	03/21/2025	10:20	LB135126
	Sodium	1790	2000	89	40 - 160	P	03/21/2025	10:20	LB135126
	Thallium	40.6	40.0	101	40 - 160	P	03/21/2025	10:20	LB135126
	Vanadium	37.7	40.0	94	40 - 160	P	03/21/2025	10:20	LB135126
	Zinc	41.3	40.0	103	40 - 160	P	03/21/2025	10:20	LB135126
CRI01	Aluminum	104	100	104	40 - 160	P	03/24/2025	10:54	LB135158
	Antimony	50.6	50.0	101	40 - 160	P	03/24/2025	10:54	LB135158
	Arsenic	18.6	20.0	93	40 - 160	P	03/24/2025	10:54	LB135158
	Barium	86.7	100	87	40 - 160	P	03/24/2025	10:54	LB135158
	Beryllium	5.92	6.0	99	40 - 160	P	03/24/2025	10:54	LB135158
	Cadmium	5.57	6.0	93	40 - 160	P	03/24/2025	10:54	LB135158
	Calcium	1920	2000	96	40 - 160	P	03/24/2025	10:54	LB135158
	Chromium	9.94	10.0	99	40 - 160	P	03/24/2025	10:54	LB135158
	Cobalt	28.6	30.0	95	40 - 160	P	03/24/2025	10:54	LB135158
	Copper	22.5	20.0	113	40 - 160	P	03/24/2025	10:54	LB135158
	Iron	95.4	100	95	40 - 160	P	03/24/2025	10:54	LB135158
	Lead	12.7	12.0	106	40 - 160	P	03/24/2025	10:54	LB135158

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
CRI01	Magnesium	2080	2000	104	40 - 160	P	03/24/2025	10:54	LB135158
	Manganese	18.2	20.0	91	40 - 160	P	03/24/2025	10:54	LB135158
	Nickel	38.1	40.0	95	40 - 160	P	03/24/2025	10:54	LB135158
	Potassium	1750	2000	88	40 - 160	P	03/24/2025	10:54	LB135158
	Selenium	19.2	20.0	96	40 - 160	P	03/24/2025	10:54	LB135158
	Silver	10.6	10.0	106	40 - 160	P	03/24/2025	10:54	LB135158
	Sodium	1630	2000	81	40 - 160	P	03/24/2025	10:54	LB135158
	Thallium	38.2	40.0	95	40 - 160	P	03/24/2025	10:54	LB135158
	Vanadium	39.4	40.0	98	40 - 160	P	03/24/2025	10:54	LB135158
	Zinc	41.8	40.0	104	40 - 160	P	03/24/2025	10:54	LB135158

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	246000	255000	96	216000	294000	03/21/2025	10:25	LB135126
	Antimony	-3.37			-50	50	03/21/2025	10:25	LB135126
	Arsenic	7.15			-20	20	03/21/2025	10:25	LB135126
	Barium	0.77	6.0	13	-94	106	03/21/2025	10:25	LB135126
	Beryllium	0.99			-6	6	03/21/2025	10:25	LB135126
	Cadmium	-3.85	1.0	385	-5	7	03/21/2025	10:25	LB135126
	Calcium	231000	245000	94	208000	282000	03/21/2025	10:25	LB135126
	Chromium	58.2	52.0	112	42	62	03/21/2025	10:25	LB135126
	Cobalt	1.85			-30	30	03/21/2025	10:25	LB135126
	Copper	16.9	2.0	845	-18	22	03/21/2025	10:25	LB135126
	Iron	101000	101000	100	85600	116500	03/21/2025	10:25	LB135126
	Lead	4.50			-12	12	03/21/2025	10:25	LB135126
	Magnesium	253000	255000	99	216000	294000	03/21/2025	10:25	LB135126
	Manganese	6.60	7.0	94	-13	27	03/21/2025	10:25	LB135126
	Nickel	1.77	2.0	88	-38	42	03/21/2025	10:25	LB135126
	Potassium	-33.1			0	0	03/21/2025	10:25	LB135126
	Selenium	-0.88			-20	20	03/21/2025	10:25	LB135126
	Silver	-1.93			-10	10	03/21/2025	10:25	LB135126
	Sodium	6.46			0	0	03/21/2025	10:25	LB135126
	Thallium	10.1			-40	40	03/21/2025	10:25	LB135126
	Vanadium	2.83			-40	40	03/21/2025	10:25	LB135126
	Zinc	2.90			-40	40	03/21/2025	10:25	LB135126
ICSAB01	Aluminum	244000	247000	99	209000	285000	03/21/2025	10:29	LB135126
	Antimony	647	618	105	525	711	03/21/2025	10:29	LB135126
	Arsenic	115	104	111	88.4	120	03/21/2025	10:29	LB135126
	Barium	478	537	89	437	637	03/21/2025	10:29	LB135126
	Beryllium	482	495	97	420	570	03/21/2025	10:29	LB135126
	Cadmium	1010	972	104	826	1120	03/21/2025	10:29	LB135126
	Calcium	227000	235000	97	199000	271000	03/21/2025	10:29	LB135126
	Chromium	577	542	106	460	624	03/21/2025	10:29	LB135126
	Cobalt	512	476	108	404	548	03/21/2025	10:29	LB135126
	Copper	532	511	104	434	588	03/21/2025	10:29	LB135126
	Iron	100000	99300	101	84400	114500	03/21/2025	10:29	LB135126
	Lead	54.5	49.0	111	37	61	03/21/2025	10:29	LB135126
	Magnesium	247000	248000	100	210000	286000	03/21/2025	10:29	LB135126
	Manganese	470	507	93	430	584	03/21/2025	10:29	LB135126
	Nickel	1010	954	106	810	1100	03/21/2025	10:29	LB135126
	Potassium	-25.5			0	0	03/21/2025	10:29	LB135126
	Selenium	54.2	46.0	118	26	66	03/21/2025	10:29	LB135126
	Silver	206	201	102	170	232	03/21/2025	10:29	LB135126
	Sodium	3.78			0	0	03/21/2025	10:29	LB135126
	Thallium	110	108	102	68	148	03/21/2025	10:29	LB135126

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	475	491	97	417	565	03/21/2025	10:29	LB135126
	Zinc	1090	952	114	809	1095	03/21/2025	10:29	LB135126
ICSA01	Aluminum	246000	255000	96	216000	294000	03/24/2025	10:58	LB135158
	Antimony	-4.31			-50	50	03/24/2025	10:58	LB135158
	Arsenic	3.48			-20	20	03/24/2025	10:58	LB135158
	Barium	-0.68	6.0	11	-94	106	03/24/2025	10:58	LB135158
	Beryllium	0.90			-6	6	03/24/2025	10:58	LB135158
	Cadmium	-3.41	1.0	341	-5	7	03/24/2025	10:58	LB135158
	Calcium	226000	245000	92	208000	282000	03/24/2025	10:58	LB135158
	Chromium	57.6	52.0	111	42	62	03/24/2025	10:58	LB135158
	Cobalt	1.75			-30	30	03/24/2025	10:58	LB135158
	Copper	13.0	2.0	650	-18	22	03/24/2025	10:58	LB135158
	Iron	97400	101000	96	85600	116500	03/24/2025	10:58	LB135158
	Lead	5.40			-12	12	03/24/2025	10:58	LB135158
	Magnesium	245000	255000	96	216000	294000	03/24/2025	10:58	LB135158
	Manganese	1.85	7.0	26	-13	27	03/24/2025	10:58	LB135158
	Nickel	1.79	2.0	90	-38	42	03/24/2025	10:58	LB135158
	Potassium	-99.0			0	0	03/24/2025	10:58	LB135158
	Selenium	3.83			-20	20	03/24/2025	10:58	LB135158
	Silver	-1.12			-10	10	03/24/2025	10:58	LB135158
	Sodium	-20.6			0	0	03/24/2025	10:58	LB135158
	Thallium	6.68			-40	40	03/24/2025	10:58	LB135158
	Vanadium	4.51			-40	40	03/24/2025	10:58	LB135158
	Zinc	5.17			-40	40	03/24/2025	10:58	LB135158
ICSAB01	Aluminum	244000	247000	99	209000	285000	03/24/2025	11:02	LB135158
	Antimony	646	618	104	525	711	03/24/2025	11:02	LB135158
	Arsenic	112	104	108	88.4	120	03/24/2025	11:02	LB135158
	Barium	474	537	88	437	637	03/24/2025	11:02	LB135158
	Beryllium	472	495	95	420	570	03/24/2025	11:02	LB135158
	Cadmium	995	972	102	826	1120	03/24/2025	11:02	LB135158
	Calcium	227000	235000	97	199000	271000	03/24/2025	11:02	LB135158
	Chromium	573	542	106	460	624	03/24/2025	11:02	LB135158
	Cobalt	507	476	106	404	548	03/24/2025	11:02	LB135158
	Copper	520	511	102	434	588	03/24/2025	11:02	LB135158
	Iron	98300	99300	99	84400	114500	03/24/2025	11:02	LB135158
	Lead	54.7	49.0	112	37	61	03/24/2025	11:02	LB135158
	Magnesium	244000	248000	98	210000	286000	03/24/2025	11:02	LB135158
	Manganese	464	507	92	430	584	03/24/2025	11:02	LB135158
	Nickel	999	954	105	810	1100	03/24/2025	11:02	LB135158
	Potassium	-116			0	0	03/24/2025	11:02	LB135158
	Selenium	52.9	46.0	115	26	66	03/24/2025	11:02	LB135158
	Silver	206	201	102	170	232	03/24/2025	11:02	LB135158

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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	Sodium	-27.7			0	0	03/24/2025	11:02	LB135158
	Thallium	108	108	100	68	148	03/24/2025	11:02	LB135158
	Vanadium	473	491	96	417	565	03/24/2025	11:02	LB135158
	Zinc	1090	952	114	809	1095	03/24/2025	11:02	LB135158

METAL QC DATA

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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1576

contract: GENV01 **lab code:** CHEM **case no.:** Q1576 **sas no.:** Q1576

matrix: Water **sample id:** Q1553-03 **client id:** FRAC-TANK-FMI120MS

Percent Solids for Sample: NA **Spiked ID:** Q1553-03MS **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	82 - 119	2.78		0.28		4.0	63	N	CV

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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1576

contract: GENV01 **lab code:** CHEM **case no.:** Q1576 **sas no.:** Q1576

matrix: Water **sample id:** Q1553-03 **client id:** FRAC-TANK-FMI120MSD

Percent Solids for Sample: NA **Spiked ID:** Q1553-03MSD **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	82 - 119	2.87		0.28		4.0	65	N	CV

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MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1576

contract: GENV01 **lab code:** CHEM **case no.:** Q1576 **sas no.:** Q1576

matrix: Water **sample id:** Q1576-01 **client id:** MW14MS

Percent Solids for Sample: NA **Spiked ID:** Q1576-01MS **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	14900		14200		1000	69		P
Antimony	ug/L	75 - 125	357		2.18	J	400	89		P
Arsenic	ug/L	75 - 125	24400	D	28300	D	400	-960		P
Barium	ug/L	75 - 125	436		377		100	59	N	P
Beryllium	ug/L	75 - 125	83.2		1.76	J	100	81		P
Cadmium	ug/L	75 - 125	107		22.1		100	85		P
Calcium	ug/L	75 - 125	144000		151000		500	-1402		P
Chromium	ug/L	75 - 125	305		137		200	84		P
Cobalt	ug/L	75 - 125	99.2		10.3	J	100	89		P
Copper	ug/L	75 - 125	600		512		150	58	N	P
Iron	ug/L	75 - 125	180000		192000		1500	-797		P
Lead	ug/L	75 - 125	1320		1010		500	62	N	P
Magnesium	ug/L	75 - 125	17500		17500		1000	1		P
Manganese	ug/L	75 - 125	1120		1100		100	13		P
Nickel	ug/L	75 - 125	249		31.0		250	87		P
Potassium	ug/L	75 - 125	22400		17700		5000	95		P
Selenium	ug/L	75 - 125	939		10.0	U	1000	94		P
Silver	ug/L	75 - 125	11.6		5.00	U	37.5	31	N	P
Sodium	ug/L	75 - 125	124000		127000		1500	-195		P
Thallium	ug/L	75 - 125	825		13.9	J	1000	81		P
Vanadium	ug/L	75 - 125	170		42.5		150	85		P
Zinc	ug/L	75 - 125	2380		2390		100	-12		P

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metals
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MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1576

contract: GENV01 **lab code:** CHEM **case no.:** Q1576 **sas no.:** Q1576

matrix: Water **sample id:** Q1576-01 **client id:** MW14MSD

Percent Solids for Sample: NA **Spiked ID:** Q1576-01MSD **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	15800		14200		1000	158		P
Antimony	ug/L	75 - 125	375		2.18	J	400	93		P
Arsenic	ug/L	75 - 125	24700	D	28300	D	400	-879		P
Barium	ug/L	75 - 125	457		377		100	80		P
Beryllium	ug/L	75 - 125	91.4		1.76	J	100	90		P
Cadmium	ug/L	75 - 125	115		22.1		100	93		P
Calcium	ug/L	75 - 125	152000		151000		500	324		P
Chromium	ug/L	75 - 125	320		137		200	92		P
Cobalt	ug/L	75 - 125	106		10.3	J	100	96		P
Copper	ug/L	75 - 125	639		512		150	85		P
Iron	ug/L	75 - 125	184000		192000		1500	-522		P
Lead	ug/L	75 - 125	1400		1010		500	79		P
Magnesium	ug/L	75 - 125	18700		17500		1000	118		P
Manganese	ug/L	75 - 125	1190		1100		100	84		P
Nickel	ug/L	75 - 125	265		31.0		250	94		P
Potassium	ug/L	75 - 125	23200		17700		5000	110		P
Selenium	ug/L	75 - 125	995		10.0	U	1000	100		P
Silver	ug/L	75 - 125	11.3		5.00	U	37.5	30	N	P
Sodium	ug/L	75 - 125	128000		127000		1500	56		P
Thallium	ug/L	75 - 125	886		13.9	J	1000	87		P
Vanadium	ug/L	75 - 125	181		42.5		150	92		P
Zinc	ug/L	75 - 125	2520		2390		100	127		P

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Matrix: Water **Level:** LOW **Client ID:** FRAC-TANK-FMI120A

Sample ID: Q1553-03 **Spiked ID:** Q1553-03A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	82 - 119	3.87		0.28		4.00	90		CV

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Metals
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POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Matrix: Water **Level:** LOW **Client ID:** MW14A

Sample ID: Q1576-01 **Spiked ID:** Q1576-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Barium	ug/L	75 - 125	452		377		100	76		P
Copper	ug/L	75 - 125	614		512		150	68		P
Lead	ug/L	75 - 125	1350		1010		500	69		P
Silver	ug/L	75 - 125	23.9		5.00	U	37.5	64		P

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Matrix: Water **Sample ID:** Q1553-03 **Client ID:** FRAC-TANK-FMI120DUP

Percent Solids for Sample: NA **Duplicate ID** Q1553-03DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.28		0.25		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.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Matrix: Water **Sample ID:** Q1553-03MS **Client ID:** FRAC-TANK-FMI120MSD

Percent Solids for Sample: NA **Duplicate ID** Q1553-03MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	2.78		2.87		3		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.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Matrix: Water **Sample ID:** Q1576-01 **Client ID:** MW14DUP

Percent Solids for Sample: NA **Duplicate ID** Q1576-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14200		14200		0		P
Antimony	ug/L	20	2.18	J	25.0	U	200.0		P
Arsenic	ug/L	20	28300	D	27800	D	2		P
Barium	ug/L	20	377		379		1		P
Beryllium	ug/L	20	1.76	J	1.75	J	1		P
Cadmium	ug/L	20	22.1		22.1		0		P
Calcium	ug/L	20	151000		151000		0		P
Chromium	ug/L	20	137		136		1		P
Cobalt	ug/L	20	10.3	J	10.7	J	4		P
Copper	ug/L	20	512		512		0		P
Iron	ug/L	20	192000		191000		1		P
Lead	ug/L	20	1010		1000		1		P
Magnesium	ug/L	20	17500		17500		0		P
Manganese	ug/L	20	1100		1110		1		P
Nickel	ug/L	20	31.0		30.9		0		P
Potassium	ug/L	20	17700		17500		1		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	127000		128000		1		P
Thallium	ug/L	20	13.9	J	14.2	J	2		P
Vanadium	ug/L	20	42.5		41.9		1		P
Zinc	ug/L	20	2390		2380		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.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Matrix: Water **Sample ID:** Q1576-01MS **Client ID:** MW14MSD

Percent Solids for Sample: NA **Duplicate ID** Q1576-01MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	14900		15800		6		P
Antimony	ug/L	20	357		375		5		P
Arsenic	ug/L	20	24400	D	24700	D	1		P
Barium	ug/L	20	436		457		5		P
Beryllium	ug/L	20	83.2		91.4		9		P
Cadmium	ug/L	20	107		115		7		P
Calcium	ug/L	20	144000		152000		5		P
Chromium	ug/L	20	305		320		5		P
Cobalt	ug/L	20	99.2		106		7		P
Copper	ug/L	20	600		639		6		P
Iron	ug/L	20	180000		184000		2		P
Lead	ug/L	20	1320		1400		6		P
Magnesium	ug/L	20	17500		18700		7		P
Manganese	ug/L	20	1120		1190		6		P
Nickel	ug/L	20	249		265		6		P
Potassium	ug/L	20	22400		23200		4		P
Selenium	ug/L	20	939		995		6		P
Silver	ug/L	20	11.6		11.3		3		P
Sodium	ug/L	20	124000		128000		3		P
Thallium	ug/L	20	825		886		7		P
Vanadium	ug/L	20	170		181		6		P
Zinc	ug/L	20	2380		2520		6		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

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167177BS							
Aluminum	ug/L	1000	938		94	80 - 120	P
Antimony	ug/L	400	410		102	80 - 120	P
Arsenic	ug/L	400	401		100	80 - 120	P
Barium	ug/L	100	86.1		86	80 - 120	P
Beryllium	ug/L	100	92.5		92	80 - 120	P
Cadmium	ug/L	100	93.5		94	80 - 120	P
Calcium	ug/L	500	464	J	93	80 - 120	P
Chromium	ug/L	200	202		101	80 - 120	P
Cobalt	ug/L	100	94.5		94	80 - 120	P
Copper	ug/L	150	156		104	80 - 120	P
Iron	ug/L	1500	1430		95	80 - 120	P
Lead	ug/L	500	467		93	80 - 120	P
Magnesium	ug/L	1000	926	J	93	80 - 120	P
Manganese	ug/L	100	87.3		87	80 - 120	P
Nickel	ug/L	250	237		95	80 - 120	P
Potassium	ug/L	5000	4650		93	80 - 120	P
Selenium	ug/L	1000	995		100	80 - 120	P
Silver	ug/L	37.5	37.5		100	80 - 120	P
Sodium	ug/L	1500	1300		87	80 - 120	P
Thallium	ug/L	1000	967		97	80 - 120	P
Vanadium	ug/L	150	139		93	80 - 120	P
Zinc	ug/L	100	100		100	80 - 120	P

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167196BS							
Mercury	ug/L	4.0	3.88		97	82 - 119	CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

FRAC-TANK-FMI120L

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

Lab Code: CHEM **Lb No.:** lb135071 **Lab Sample ID :** Q1553-03L **SDG No.:** Q1576

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	0.28		0.40	J	44		CV

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW14L

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

Lab Code: CHEM **Lb No.:** lb135158 **Lab Sample ID :** Q1576-01L **SDG No.:** Q1576

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	14200		14400		1		P
Antimony	2.18	J	125	U	100.0		P
Arsenic	28300	D	27000	D	5		P
Barium	377		360		4		P
Beryllium	1.76	J	1.86	J	6		P
Cadmium	22.1		19.8		11		P
Calcium	151000		156000		4		P
Chromium	137		144		5		P
Cobalt	10.3	J	10.4	J	0		P
Copper	512		551		7		P
Iron	192000		197000		3		P
Lead	1010		1070		6		P
Magnesium	17500		18400		5		P
Manganese	1100		1150		5		P
Nickel	31.0		31.8	J	3		P
Potassium	17700		16200		8		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	127000		121000		5		P
Thallium	13.9	J	100	U	100.0		P
Vanadium	42.5		43.0	J	1		P
Zinc	2390		2510		5		P

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1576 **Sas no.:** Q1576 **Sdg no.:** Q1576

Instrument id number: **Method:** **Run number:** LB135071

Start date: 03/18/2025 **End date:** 03/18/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1317	HG
S0.2	S0.2	1	1319	HG
S2.5	S2.5	1	1322	HG
S5	S5	1	1332	HG
S7.5	S7.5	1	1334	HG
S10	S10	1	1339	HG
ICV47	ICV47	1	1342	HG
ICB47	ICB47	1	1344	HG
CCV23	CCV23	1	1347	HG
CCB23	CCB23	1	1349	HG
CRA	CRA	1	1351	HG
PB167196BL	PB167196BL	1	1401	HG
PB167196BS	PB167196BS	1	1403	HG
Q1553-03DUP	FRAC-TANK-FMI120DUP	1	1407	HG
Q1553-03MS	FRAC-TANK-FMI120MS	1	1410	HG
Q1553-03MSD	FRAC-TANK-FMI120MSD	1	1412	HG
CCV24	CCV24	1	1417	HG
CCB24	CCB24	1	1419	HG
Q1553-03L	FRAC-TANK-FMI120L	5	1444	HG
Q1553-03A	FRAC-TANK-FMI120A	1	1447	HG
Q1576-01	MW14	2	1449	HG
CCV25	CCV25	1	1454	HG
CCB25	CCB25	1	1456	HG

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1576 **Sas no.:** Q1576 **Sdg no.:** Q1576

Instrument id number: **Method:** **Run number:** LB135126

Start date: 03/21/2025 **End date:** 03/21/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0937	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	0941	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	0945	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	0950	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	0954	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	0958	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	1002	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	1007	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	1011	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	1020	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	1025	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	1029	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	1042	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	1046	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	1133	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	1137	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	1227	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	1231	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1317	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1321	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1407	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167177BL	PB167177BL	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB167177BS	PB167177BS	1	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1458	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1502	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1550	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1554	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1644	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1648	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	1725	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	1730	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	1741	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	1745	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1576 **Sas no.:** Q1576 **Sdg no.:** Q1576

Instrument id number: **Method:** **Run number:** LB135158

Start date: 03/24/2025 **End date:** 03/24/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1001	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	1005	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	1010	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	1014	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	1018	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	1022	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	1033	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	1045	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	1049	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	1054	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	1058	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	1102	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	1121	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	1126	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	1212	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	1217	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01	MW14	1	1227	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01DUP	MW14DUP	1	1232	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01L	MW14L	5	1236	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01MS	MW14MS	1	1240	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01MSD	MW14MSD	1	1245	Ag,Al,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01A	MW14A	1	1249	Ag,Ba,Cu,Pb
CCV03	CCV03	1	1307	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	1311	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1406	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1530	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1534	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01	MW14	10	1615	As
Q1576-01DUP	MW14DUP	10	1619	As
Q1576-01L	MW14L	50	1623	As
Q1576-01MS	MW14MS	10	1628	As
CCV06	CCV06	1	1639	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1643	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q1576-01MSD	MW14MSD	10	1647	As
CCV07	CCV07	1	1729	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1733	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	1801	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1808	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
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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.:** Q1576

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1576 **SAS No.:** Q1576

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:	Q1576	**OrderDate:**	3/14/2025 11:28:00 AM
Client:	G Environmental	**Project:**	Ave L
Contact:	Gary Landis	**Location:**	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1576-01	**MW14**	**Water**			**03/12/25**			**03/14/25**
			Mercury	7470A		03/18/25	03/18/25	
			Metals ICP-TAL	6010D		03/18/25	03/24/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1576

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

Case No.: Q1576 **SAS No.:** Q1576

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167177**						
PB167177BL	PB167177BL	MB	WATER	03/18/2025	50.0	25.0	
PB167177BS	PB167177BS	LCS	WATER	03/18/2025	50.0	25.0	
Q1576-01	MW14	SAM	WATER	03/18/2025	50.0	25.0	
Q1576-01DUP	MW14DUP	DUP	WATER	03/18/2025	50.0	25.0	
Q1576-01MS	MW14MS	MS	WATER	03/18/2025	50.0	25.0	
Q1576-01MSD	MW14MSD	MSD	WATER	03/18/2025	50.0	25.0	

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1576

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

Case No.: Q1576 **SAS No.:** Q1576

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167196**						
PB167196BL	PB167196BL	MB	WATER	03/18/2025	30.0	30.0	
PB167196BS	PB167196BS	LCS	WATER	03/18/2025	30.0	30.0	
Q1553-03DUP	FRAC-TANK-FMI120DUP	DUP	WATER	03/18/2025	30.0	30.0	
Q1553-03MS	FRAC-TANK-FMI120MS	MS	WATER	03/18/2025	30.0	30.0	
Q1553-03MSD	FRAC-TANK-FMI120MSD	MSD	WATER	03/18/2025	30.0	30.0	
Q1576-01	MW14	SAM	WATER	03/18/2025	30.0	30.0	

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Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135071

Review By	Mohan	Review On	3/20/2025 11:18:38 AM
Supervise By	jaswal	Supervise On	3/20/2025 1:26:45 PM

STD. NAME	STD REF.#
ICAL Standard	MP84901,MP84902,MP84903,MP84904,MP84905,MP84906
ICV Standard	MP84907
CCV Standard	MP84909
ICSA Standard	
CRI Standard	MP84911
LCS Standard	
Chk Standard	MP84908,MP84910,MP84912,MP84898

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/18/25 13:17		Mohan	OK
2	S0.2	S0.2	CAL2	03/18/25 13:19		Mohan	OK
3	S2.5	S2.5	CAL3	03/18/25 13:22		Mohan	OK
4	S5	S5	CAL4	03/18/25 13:32		Mohan	OK
5	S7.5	S7.5	CAL5	03/18/25 13:34		Mohan	OK
6	S10	S10	CAL6	03/18/25 13:39		Mohan	OK
7	ICV47	ICV47	ICV	03/18/25 13:42		Mohan	OK
8	ICB47	ICB47	ICB	03/18/25 13:44		Mohan	OK
9	CCV23	CCV23	CCV	03/18/25 13:47		Mohan	OK
10	CCB23	CCB23	CCB	03/18/25 13:49		Mohan	OK
11	CRA	CRA	CRDL	03/18/25 13:51		Mohan	OK
12	HighStd	HighStd	HIGH STD	03/18/25 13:53		Mohan	OK
13	ChkStd	ChkStd	SAM	03/18/25 13:58		Mohan	OK
14	PB167196BL	PB167196BL	MB	03/18/25 14:01		Mohan	OK
15	PB167196BS	PB167196BS	LCS	03/18/25 14:03		Mohan	OK
16	Q1553-03	FRAC-TANK-FMI120	SAM	03/18/25 14:05		Mohan	OK
17	Q1553-03DUP	FRAC-TANK-FMI120[	DUP	03/18/25 14:07		Mohan	OK
18	Q1553-03MS	FRAC-TANK-FMI120M	MS	03/18/25 14:10		Mohan	OK

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Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB135071

Review By	Mohan	Review On	3/20/2025 11:18:38 AM
Supervise By	jaswal	Supervise On	3/20/2025 1:26:45 PM

STD. NAME	STD REF.#
ICAL Standard	MP84901,MP84902,MP84903,MP84904,MP84905,MP84906
ICV Standard	MP84907
CCV Standard	MP84909
ICSA Standard	
CRI Standard	MP84911
LCS Standard	
Chk Standard	MP84908,MP84910,MP84912,MP84898

19	Q1553-03MSD	FRAC-TANK-FMI120M	MSD	03/18/25 14:12		Mohan	OK
20	Q1563-01	437	SAM	03/18/25 14:14		Mohan	OK
21	CCV24	CCV24	CCV	03/18/25 14:17		Mohan	OK
22	CCB24	CCB24	CCB	03/18/25 14:19		Mohan	OK
23	Q1563-02	FERNOT-WATER	SAM	03/18/25 14:21		Mohan	OK
24	Q1576-01	MW14	SAM	03/18/25 14:23	High	Mohan	Dilution
25	Q1577-03	MOO-25-0072	SAM	03/18/25 14:26		Mohan	OK
26	Q1588-01	TAPFTA-MW01D-031	SAM	03/18/25 14:28		Mohan	OK
27	Q1590-04	3799	SAM	03/18/25 14:30		Mohan	OK
28	Q1553-03L	FRAC-TANK-FMI120L	SD	03/18/25 14:44		Mohan	OK
29	Q1553-03A	FRAC-TANK-FMI120A	PS	03/18/25 14:47		Mohan	OK
30	Q1576-01DL	MW14DL	SAM	03/18/25 14:49	Report 2X	Mohan	Confirms
31	CCV25	CCV25	CCV	03/18/25 14:54		Mohan	OK
32	CCB25	CCB25	CCB	03/18/25 14:56		Mohan	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135126

Review By	kareem	Review On	3/24/2025 10:22:51 AM
Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/21/25 09:37		Kareem	OK
2	S1	S1	CAL2	03/21/25 09:41		Kareem	OK
3	S2	S2	CAL3	03/21/25 09:45		Kareem	OK
4	S3	S3	CAL4	03/21/25 09:50		Kareem	OK
5	S4	S4	CAL5	03/21/25 09:54		Kareem	OK
6	S5	S5	CAL6	03/21/25 09:58		Kareem	OK
7	ICV01	ICV01	ICV	03/21/25 10:02	Ba,Cu,Mn,Se,Na,Tl Fail (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/21/25 10:07		Kareem	OK
9	ICB01	ICB01	ICB	03/21/25 10:11		Kareem	OK
10	CRI01	CRI01	CRDL	03/21/25 10:20		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/21/25 10:25		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/21/25 10:29		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/21/25 10:33		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/21/25 10:37		Kareem	OK
15	CCV01	CCV01	CCV	03/21/25 10:42		Kareem	OK
16	CCB01	CCB01	CCB	03/21/25 10:46		Kareem	OK
17	PB167133TB	PB167133TB	MB	03/21/25 10:50		Kareem	OK
18	Q1507-04	50-MIDDLESEX-AVE	SAM	03/21/25 10:55		Kareem	OK

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Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

19	Q1507-04DUP	50-MIDDLESEX-AVE	DUP	03/21/25 10:59		Kareem	OK
20	Q1507-04L	50-MIDDLESEX-AVE	SD	03/21/25 11:03		Kareem	OK
21	Q1507-04MS	50-MIDDLESEX-AVE	MS	03/21/25 11:08	0.1 ML OF M6013 AND M6004	Kareem	OK
22	Q1507-04MSD	50-MIDDLESEX-AVE	MSD	03/21/25 11:12	0.1 ML OF M6013 AND M6004	Kareem	OK
23	Q1507-04A	50-MIDDLESEX-AVE	PS	03/21/25 11:16	0.1 ML OF M6013 AND M6004	Kareem	OK
24	PB167240BL	PB167240BL	MB	03/21/25 11:20		Kareem	OK
25	PB167240BS	PB167240BS	LCS	03/21/25 11:25	0.1 ML OF M6013 AND M6004	Kareem	OK
26	Q1583-02	EFF-WASTE WATER	SAM	03/21/25 11:29	Not use	Kareem	Not Ok
27	CCV02	CCV02	CCV	03/21/25 11:33		Kareem	OK
28	CCB02	CCB02	CCB	03/21/25 11:37		Kareem	OK
29	Q1583-02DUP	EFF-WASTE WATER	DUP	03/21/25 11:41	Not use	Kareem	Not Ok
30	Q1583-02L	EFF-WASTE WATER	SD	03/21/25 11:46	Not use	Kareem	Not Ok
31	Q1583-02MS	EFF-WASTE WATER	MS	03/21/25 11:50	Not use	Kareem	Not Ok
32	ZN 25 PPM	ZN 25 PPM	SAM	03/21/25 11:58		Kareem	OK
33	Q1583-02MSD	EFF-WASTE WATER	MSD	03/21/25 12:02	Not use	Kareem	Not Ok
34	Q1583-02A	EFF-WASTE WATER	PS	03/21/25 12:06	Not use	Kareem	Not Ok
35	PB167178BL	PB167178BL	MB	03/21/25 12:10	Not use	Kareem	Not Ok
36	PB167178BS	PB167178BS	LCS	03/21/25 12:15	Not use	Kareem	Not Ok
37	Q1598-01	ETGI-354	SAM	03/21/25 12:19	Cr High	Kareem	Dilution

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Daily Analysis Runlog For Sequence/QCBatch ID # LB135126

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Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

38	Q1598-03DUP	72-11944DUP	DUP	03/21/25 12:23	Cr High	Kareem	Dilution
39	CCV03	CCV03	CCV	03/21/25 12:27		Kareem	OK
40	CCB03	CCB03	CCB	03/21/25 12:31		Kareem	OK
41	Q1598-03L	72-11944L	SD	03/21/25 12:35		Kareem	OK
42	Q1598-03A	72-11944A	PS	03/21/25 12:48	0.1 ML OF M6013 AND M6004	Kareem	OK
43	Q1605-01	DRUM-SOIL-CUTTIN	SAM	03/21/25 12:52		Kareem	OK
44	PB167211BL	PB167211BL	MB	03/21/25 12:56		Kareem	OK
45	PB167211BS	PB167211BS	LCS	03/21/25 13:00	0.1 ML OF M6013 AND M6004	Kareem	OK
46	Q1604-02	FRAC-TANK-N45878	SAM	03/21/25 13:04		Kareem	OK
47	Q1598-03	72-11944	SAM	03/21/25 13:09	Cr High	Kareem	Dilution
48	Q1598-03MS	72-11944MS	MS	03/21/25 13:13	Cr High	Kareem	Dilution
49	CCV04	CCV04	CCV	03/21/25 13:17		Kareem	OK
50	CCB04	CCB04	CCB	03/21/25 13:21		Kareem	OK
51	Q1598-03MSD	72-11944MSD	MSD	03/21/25 13:26	Cr High	Kareem	Dilution
52	Q1598-01DL	ETGI-354DL	SAM	03/21/25 13:30	5X Cr High	Kareem	Confirms
53	Q1598-03DL	72-11944DL	SAM	03/21/25 13:34	5X Cr High	Kareem	Confirms
54	Q1598-03DUPDL	72-11944DUPDL	DUP	03/21/25 13:38	5X Cr High	Kareem	Confirms
55	Q1598-03LDL	72-11944LDL	SD	03/21/25 13:42	Not Use	Kareem	Not Ok
56	Q1598-03MSDL	72-11944MSDL	MS	03/21/25 13:46	5X Cr High	Kareem	Confirms

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Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM

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ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

57	Q1598-03MSDDL	72-11944MSDDL	MSD	03/21/25 13:50	5X Cr High	Kareem	Confirms
58	Q1598-03ADL	72-11944ADL	PS	03/21/25 13:55	Not Use	Kareem	Not Ok
59	Q1604-02DUP	FRAC-TANK-N45878[	DUP	03/21/25 13:59		Kareem	OK
60	Q1604-02L	FRAC-TANK-N45878[	SD	03/21/25 14:03		Kareem	OK
61	CCV05	CCV05	CCV	03/21/25 14:07		Kareem	OK
62	CCB05	CCB05	CCB	03/21/25 14:11		Kareem	OK
63	Q1604-02MS	FRAC-TANK-N45878[	MS	03/21/25 14:16	0.1 ML OF M6013 AND M6004	Kareem	OK
64	Q1604-02MSD	FRAC-TANK-N45878[	MSD	03/21/25 14:20	0.1 ML OF M6013 AND M6004	Kareem	OK
65	Q1604-02A	FRAC-TANK-N45878/	PS	03/21/25 14:24	0.1 ML OF M6013 AND M6004	Kareem	OK
66	Q1606-11	N48965	SAM	03/21/25 14:28		Kareem	OK
67	PB167225BL	PB167225BL	MB	03/21/25 14:33		Kareem	OK
68	PB167225BS	PB167225BS	LCS	03/21/25 14:37	0.1 ML OF M6013 AND M6004	Kareem	OK
69	PB167224BL	PB167224BL	MB	03/21/25 14:41		Kareem	OK
70	PB167224BS	PB167224BS	LCS	03/21/25 14:46	0.1 ML OF M6013 AND M6004	Kareem	OK
71	PB167177BL	PB167177BL	MB	03/21/25 14:50		Kareem	OK
72	PB167177BS	PB167177BS	LCS	03/21/25 14:54	0.1 ML OF M6013 AND M6004	Kareem	OK
73	CCV06	CCV06	CCV	03/21/25 14:58		Kareem	OK
74	CCB06	CCB06	CCB	03/21/25 15:02		Kareem	OK

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Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM

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ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

75	PB167193TB	PB167193TB	MB	03/21/25 15:06		Kareem	OK
76	Q1590-01	3794	SAM	03/21/25 15:11		Kareem	OK
77	Q1592-02	OILY-DEBRIS-COMP	SAM	03/21/25 15:15		Kareem	OK
78	Q1597-02	1-CONCRETE-SLAB	SAM	03/21/25 15:20		Kareem	OK
79	Q1597-04	2-CONCRETE-SLAB	SAM	03/21/25 15:24		Kareem	OK
80	Q1597-06	3-CONCRETE-SLAB	SAM	03/21/25 15:29		Kareem	OK
81	Q1597-06DUP	3-CONCRETE-SLABD	DUP	03/21/25 15:33		Kareem	OK
82	Q1597-06L	3-CONCRETE-SLABL	SD	03/21/25 15:37		Kareem	OK
83	Q1597-06MS	3-CONCRETE-SLABM	MS	03/21/25 15:42	0.1 ML OF M6013 AND M6004	Kareem	OK
84	Q1597-06MSD	3-CONCRETE-SLABM	MSD	03/21/25 15:46	0.1 ML OF M6013 AND M6004	Kareem	OK
85	CCV07	CCV07	CCV	03/21/25 15:50		Kareem	OK
86	CCB07	CCB07	CCB	03/21/25 15:54		Kareem	OK
87	Q1597-06A	3-CONCRETE-SLABA	PS	03/21/25 15:58	0.1 ML OF M6013 AND M6004	Kareem	OK
88	PB167210BL	PB167210BL	MB	03/21/25 16:03		Kareem	OK
89	PB167210BS	PB167210BS	LCS	03/21/25 16:07	0.1 ML OF M6013 AND M6004	Kareem	OK
90	LR1	LR1	HIGH STD	03/21/25 16:15		Kareem	OK
91	LR2	LR2	HIGH STD	03/21/25 16:19		Kareem	OK
92	Q1606-01	CHRT24743	SAM	03/21/25 16:24		Kareem	OK
93	Q1606-01DUP	CHRT24743DUP	DUP	03/21/25 16:28		Kareem	OK

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Review By	kareem	Review On	3/24/2025 10:22:51 AM
Supervise By	Janvi	Supervise On	3/24/2025 10:34:04 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

94	Q1606-01L	CHRT24743L	SD	03/21/25 16:32		Kareem	OK
95	Q1606-01MS	CHRT24743MS	MS	03/21/25 16:36	0.1 ML OF M6013 AND M6004	Kareem	OK
96	Q1606-01MSD	CHRT24743MSD	MSD	03/21/25 16:40	0.1 ML OF M6013 AND M6004	Kareem	OK
97	CCV08	CCV08	CCV	03/21/25 16:44		Kareem	OK
98	CCB08	CCB08	CCB	03/21/25 16:48		Kareem	OK
99	Q1606-01A	CHRT24743A	PS	03/21/25 16:52	0.1 ML OF M6013 AND M6004	Kareem	OK
100	Q1606-03	RBR251346	SAM	03/21/25 16:56		Kareem	OK
101	Q1606-05	RT4534	SAM	03/21/25 17:01		Kareem	OK
102	Q1606-07	RT3025	SAM	03/21/25 17:05		Kareem	OK
103	Q1607-09	Q1607-09	SAM	03/21/25 17:09	Not On login page	Kareem	Not Ok
104	Q1607-01	OR-03-031925	SAM	03/21/25 17:13		Kareem	OK
105	Q1592-03	257952	SAM	03/21/25 17:17		Kareem	OK
106	Q1594-01DL	GAS-CAM-40615DL	SAM	03/21/25 17:21	10X for Na,Fe,Ag High	Kareem	Confirms
107	CCV09	CCV09	CCV	03/21/25 17:25		Kareem	OK
108	CCB09	CCB09	CCB	03/21/25 17:30		Kareem	OK
109	Q1594-01	GAS-CAM-40615	SAM	03/21/25 17:34	Ag oversaturated, Na,Fe High	Kareem	Dilution
110	CCV10	CCV10	CCV	03/21/25 17:41		Kareem	OK
111	CCB10	CCB10	CCB	03/21/25 17:45		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/24/25 10:01		Kareem	OK
2	S1	S1	CAL2	03/24/25 10:05		Kareem	OK
3	S2	S2	CAL3	03/24/25 10:10		Kareem	OK
4	S3	S3	CAL4	03/24/25 10:14		Kareem	OK
5	S4	S4	CAL5	03/24/25 10:18		Kareem	OK
6	S5	S5	CAL6	03/24/25 10:22		Kareem	OK
7	ICV01	ICV01	ICV	03/24/25 10:33	ICV fail for Ba,Na (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/24/25 10:45		Kareem	OK
9	ICB01	ICB01	ICB	03/24/25 10:49		Kareem	OK
10	CRI01	CRI01	CRDL	03/24/25 10:54		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/24/25 10:58		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/24/25 11:02		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/24/25 11:13		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/24/25 11:17		Kareem	OK
15	CCV01	CCV01	CCV	03/24/25 11:21		Kareem	OK
16	CCB01	CCB01	CCB	03/24/25 11:26		Kareem	OK
17	Q1628-01	001-WILLETS-PT-BL	SAM	03/24/25 11:30		Kareem	OK
18	Q1628-02	002-35TH-AVE(MAR)	SAM	03/24/25 11:35		Kareem	OK

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Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM

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ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

19	Q1605-02	DRUM-SOIL-CUTTIN	SAM	03/24/25 11:39		Kareem	OK
20	Q1583-02	EFF-WASTE WATER	SAM	03/24/25 11:43		Kareem	OK
21	Q1583-02DUP	EFF-WASTE WATERI	DUP	03/24/25 11:48		Kareem	OK
22	Q1583-02L	EFF-WASTE WATERI	SD	03/24/25 11:52		Kareem	OK
23	Q1583-02MS	EFF-WASTE WATERI	MS	03/24/25 11:56	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
24	Q1583-02MSD	EFF-WASTE WATERI	MSD	03/24/25 12:00	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
25	Q1583-02A	EFF-WASTE WATERA	PS	03/24/25 12:04	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
26	PB167178BL	PB167178BL	MB	03/24/25 12:08		Kareem	OK
27	CCV02	CCV02	CCV	03/24/25 12:12		Kareem	OK
28	CCB02	CCB02	CCB	03/24/25 12:17		Kareem	OK
29	PB167178BS	PB167178BS	LCS	03/24/25 12:21	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
30	Q1576-01	MW14	SAM	03/24/25 12:27	As high	Kareem	Dilution
31	Q1576-01DUP	MW14DUP	DUP	03/24/25 12:32	As high	Kareem	Dilution
32	Q1576-01L	MW14L	SD	03/24/25 12:36	As high	Kareem	Dilution
33	Q1576-01MS	MW14MS	MS	03/24/25 12:40	As high	Kareem	Dilution
34	Q1576-01MSD	MW14MSD	MSD	03/24/25 12:45	As high	Kareem	Dilution

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Daily Analysis Runlog For Sequence/QCBatch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

35	Q1576-01A	MW14A	PS	03/24/25 12:49	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
36	Q1595-02	SPRING-2025	SAM	03/24/25 12:53		Kareem	OK
37	Q1595-02DUP	SPRING-2025DUP	DUP	03/24/25 12:58		Kareem	OK
38	Q1595-02L	SPRING-2025L	SD	03/24/25 13:02		Kareem	OK
39	CCV03	CCV03	CCV	03/24/25 13:07		Kareem	OK
40	CCB03	CCB03	CCB	03/24/25 13:11		Kareem	OK
41	Q1595-02MS	SPRING-2025MS	MS	03/24/25 13:15	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
42	Q1595-02MSD	SPRING-2025MSD	MSD	03/24/25 13:20	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
43	Q1595-02A	SPRING-2025A	PS	03/24/25 13:24	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
44	PB167266BL	PB167266BL	MB	03/24/25 13:28		Kareem	OK
45	PB167266BS	PB167266BS	LCS	03/24/25 13:32	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
46	Q1618-01	TP20250320-01	SAM	03/24/25 13:36		Kareem	OK
47	Q1618-01DUP	TP20250320-01DUP	DUP	03/24/25 13:41		Kareem	OK
48	Q1618-01L	TP20250320-01L	SD	03/24/25 13:45		Kareem	OK
49	Q1618-01MS	TP20250320-01MS	MS	03/24/25 13:49	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

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

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

50	Q1618-01MSD	TP20250320-01MSD	MSD	03/24/25 13:54	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
51	CCV04	CCV04	CCV	03/24/25 14:06		Kareem	OK
52	CCB04	CCB04	CCB	03/24/25 14:11		Kareem	OK
53	Q1618-01A	TP20250320-01A	PS	03/24/25 14:16	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
54	Q1618-02	TP20250320-02	SAM	03/24/25 14:20		Kareem	OK
55	PB167258BL	PB167258BL	MB	03/24/25 14:24		Kareem	OK
56	PB167258BS	PB167258BS	LCS	03/24/25 14:29	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
57	PB167233TB	PB167233TB	MB	03/24/25 14:33		Kareem	OK
58	Q1606-02	CHRT24743	SAM	03/24/25 14:37		Kareem	OK
59	Q1606-04	RBR251346	SAM	03/24/25 14:41		Kareem	OK
60	Q1606-06	RT4534	SAM	03/24/25 14:46		Kareem	OK
61	Q1606-08	RT3025	SAM	03/24/25 14:50		Kareem	OK
62	Q1606-10	CHRT28607	SAM	03/24/25 14:55		Kareem	OK
63	CCV05	CCV05	CCV	03/24/25 15:30		Kareem	OK
64	CCB05	CCB05	CCB	03/24/25 15:34		Kareem	OK
65	Q1610-03	SOIL-PILE	SAM	03/24/25 15:43		Kareem	OK
66	Q1609-03	WC-SCRN-01-C	SAM	03/24/25 15:53		Kareem	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB135158

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Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

67	Q1619-02	CONCRETE-1	SAM	03/24/25 15:57		Kareem	OK
68	Q1619-04	CONCRETE-2	SAM	03/24/25 16:02		Kareem	OK
69	Q1619-06	TP-1	SAM	03/24/25 16:06		Kareem	OK
70	Q1619-08	TP-2	SAM	03/24/25 16:11		Kareem	OK
71	Q1576-01DL	MW14DL	SAM	03/24/25 16:15	10x for As	Kareem	Confirms
72	Q1576-01DUPDL	MW14DUPDL	DUP	03/24/25 16:19	10x for As	Kareem	Confirms
73	Q1576-01LDL	MW14LDL	SD	03/24/25 16:23	50x for As	Kareem	Confirms
74	Q1576-01MSDL	MW14MSDL	MS	03/24/25 16:28	10x for As	Kareem	Confirms
75	CCV06	CCV06	CCV	03/24/25 16:39		Kareem	OK
76	CCB06	CCB06	CCB	03/24/25 16:43		Kareem	OK
77	Q1576-01MSDDL	MW14MSDDL	MSD	03/24/25 16:47	10x for As	Kareem	Confirms
78	Q1576-01ADL	MW14ADL	PS	03/24/25 16:52	Not Required	Kareem	Not Ok
79	Q1611-01	RBR200030	SAM	03/24/25 16:56		Kareem	OK
80	Q1614-01	TR-04-032025	SAM	03/24/25 17:00		Kareem	OK
81	Q1614-01DUP	TR-04-032025DUP	DUP	03/24/25 17:04		Kareem	OK
82	Q1614-01L	TR-04-032025L	SD	03/24/25 17:08		Kareem	OK
83	Q1614-01MS	TR-04-032025MS	MS	03/24/25 17:13	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
84	Q1614-01MSD	TR-04-032025MSD	MSD	03/24/25 17:17	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135158

Review By	kareem	Review On	3/25/2025 10:56:33 AM
Supervise By	JANVI	Supervise On	3/26/2025 10:13:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP84636,MP84637,MP84638,MP84639,MP84640,MP84846
ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84846
LCS Standard	
Chk Standard	MP84649,MP84650

85	Q1614-01A	TR-04-032025A	PS	03/24/25 17:21	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
86	Q1619-10	TP-3	SAM	03/24/25 17:25		Kareem	OK
87	CCV07	CCV07	CCV	03/24/25 17:29		Kareem	OK
88	CCB07	CCB07	CCB	03/24/25 17:33		Kareem	OK
89	LR1	LR1	HIGH STD	03/24/25 17:38		Kareem	OK
90	LR2	LR2	HIGH STD	03/24/25 17:52		Kareem	OK
91	CCV08	CCV08	CCV	03/24/25 18:01		Kareem	OK
92	CCB08	CCB08	CCB	03/24/25 18:08		Kareem	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167177

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: 03/18/2025 **Time :** 10:05 **Temp :** 96 °C

End Digest Date: 03/18/2025 **Time :** 13:10 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SKG.

Supervisor Signature:

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6003
LFS-1	0.25	M6012
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	M6158
1:1 HCL	5.00	MP84720
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 # 1 CELL 55 Temp :96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
03/18/25 14:10	SKG. Metals	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167177

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB167177BL	PBW177	<2	50	50	Brown	Colorless	Clear	Clear	N/A	8
PB167177BS	LCS177	<2	50	50	Brown	Colorless	Clear	Clear	M6003,M6012	9
Q1576-01	MW14	<2	50	50	Brown	ligh Btrown	Cloudy	Clear	N/A	10
Q1576-01MS	MW14MS	<2	50	50	Brown	ligh Btrown	Cloudy	Clear	M6003,M6012	12
Q1576-01MSD	MW14MSD	<2	50	50	Brown	ligh Btrown	Cloudy	Clear	M6003,M6012	13
Q1576-01DUP	MW14DUP	<2	50	50	Brown	ligh Btrown	Cloudy	Clear	N/A	11
Q1592-03	257952	<2	50	50	Brown	ligh Btrown	Cloudy	Clear	N/A	14
Q1593-01	258829	<2	50	50	Brown	ligh Btrown	Cloudy	Clear	N/A	15
Q1594-01	GAS-CAM-40615	<2	50	50	Brown	Brown	Cloudy	Clear	N/A	16

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB167196

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: 03/18/2025 **Time :** 08:35 **Temp :** 94 °C

End Digest Date: 03/18/2025 **Time :** 10:35 **Temp :** 94 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature:

Supervisor Signature:

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP84907
CCV	30mL	MP84909
CRA	30mL	MP84911
Blank Spike	0.48mL	MP84900
Matrix Spike	0.48mL	MP84900

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.5mL	MP84563
KMnO4 (5%)	4.5mL	MP84564
K2S2O8 (5%)	2.5mL	MP84565
Hydroxylamine HCL (12%)	2.0mL	MP84566
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	MP84901
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP84902
2.5 ppb	S2.5	30mL	MP84903
5.0 ppb	S5.0	30mL	MP84904
7.5 ppb	S7.5	30mL	MP84905
10.0 ppb	S10.0	30mL	MP84906
ICV	ICV	30mL	MP84907
ICB	ICB	30mL	MP84908
CCV	CCV	30mL	MP84909
CCB	CCB	30mL	MP84910
CRI	CRI	30mL	MP84911
CHK STD	CHK STD	30mL	MP84912

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
3/18/25 @ 11:05		
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB167196

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB167196BL	PBW196	30	30	<2	N/A	3-1
PB167196BS	LCS196	30	30	<2	MP84900	2
Q1553-03DUP	FRAC-TANK-FMI120DUP	30	30	<2	N/A	4
Q1553-03MS	FRAC-TANK-FMI120MS	30	30	<2	MP84900	5
Q1553-03MSD	FRAC-TANK-FMI120MSD	30	30	<2	MP84900	6
Q1553-03	FRAC-TANK-FMI120	30	30	<2	N/A	3
Q1563-01	437	30	30	<2	N/A	7
Q1563-02	FERNOT-WATER	30	30	<2	N/A	8
Q1576-01	MW14	30	30	<2	N/A	9
Q1577-03	MOO-25-0072	30	30	<2	N/A	10
Q1588-01	TAPFTA-MW01D-031425-00-T1	30	30	<2	N/A	11
Q1590-04	3799	30	30	<2	N/A	12

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. Q1576
COC Number 2046135

7
7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GECP
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE: NJ ZIP: 07876
ATTENTION: GARY L
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Ave L
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC 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 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- X EDD FORMAT Waste edd excel
- ☐ Level 4 (QC + Full Raw Data)
- X NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other

ANALYSIS

TCL VOCs
TAL Metals

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1 (HCl)	PRESERVATIVES 2 (HN03)	PRESERVATIVES 3	PRESERVATIVES 4	PRESERVATIVES 5	PRESERVATIVES 6	PRESERVATIVES 7	PRESERVATIVES 8	PRESERVATIVES 9	COMMENTS
1.	MW14	GW		X	3/12/25	1300	4	X	X								
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	3/14/25 1110	1.
2.		2.
3.		3.

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

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete
☐ YES ☐ NO

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1576 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 3/14/2025 11:28:00 AM
Project Name : Ave L
Receive DateTime : 3/14/2025 11:10:00 AM
Purchase Order :

Project Mgr : nj reduce
Report Type : ~~Level 1~~ Results only
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1576-01	MW14	Water	03/12/2025	13:00					
					VOC-TCLVOA-10		8260-Low		10 Bus. Days

Relinguished By :
Date / Time : 3/14/25 1150

Received By :
Date / Time : 3/14/25 11:50

Storage Area : VOA Refridgerator Room