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

DATA PACKAGE

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS

PROJECT NAME : DPW

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q1525

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q1525

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Cover Page

Order ID : Q1525

Project ID : DPW

Client : G Environmental

Lab Sample Number	Client Sample Number
Q1525-01	MW10

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

Signature : _____

Date: 3/19/2025

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 :

Laboratory Sample ID(s) : Q1525 Sampling Date(s) : 03/06/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **300.0,6010D,8260-Low,SM2320 B,SOP**

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

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

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CASE NARRATIVE

G Environmental
Project Name: DPW
Project # N/A
Chemtech Project # Q1525
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 03/07/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Alkalinity, Anions Group1, Metals Group3, Nitrate, Sulfate and VOCMS Group1. This data package contains results for VOCMS Group1.

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

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 VX045211.D met the requirements except for Tert butyl alcohol failing for Low side but There is no more vials for re-analysis. also No hit of compound #11 in associate sample. 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.

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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 <15% 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 > 15% for the Initial Calibration curve for SW-846 analysis.

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

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

Signature_____

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CASE NARRATIVE

G Environmental
Project Name: DPW
Project # N/A
Chemtech Project # Q1525
Test Name: Metals Group3

A. Number of Samples and Date of Receipt:
1 Water sample was received on 03/07/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity, Anions Group1, Metals Group3, Nitrate, Sulfate and VOCMS Group1. This data package contains results for Metals Group3.

C. Analytical Techniques:
The analysis of Metals Group3 was based on method 6010D and digestion based on method 3010 (waters).

D. QA/ QC Samples:
The Holding Times were met for all analysis.
Sample MW10 was diluted due to high concentrations for Manganese.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

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

Signature_____

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CASE NARRATIVE

G Environmental
Project Name: DPW
Project # N/A
Chemtech Project # Q1525
Test Name: Alkalinity,Anions Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 03/07/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity, Anions Group1, Metals Group3, Nitrate, Sulfate and VOCMS Group1. This data package contains results for Alkalinity,Anions Group1.

C. Analytical Techniques:
The analysis of Anions Group1 was based on method 300.0 and The analysis of Alkalinity was based on method SM2320 B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike (TW-WTS-04MS) analysis met criteria for all samples except for Sulfate due to matrix interference.
The Matrix Spike Duplicate (TW-WTS-04MSD) analysis met criteria for all samples except for due to matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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

Signature_____

284 Sheffield Street, Mountainside NJ 07092
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 #: Q1525

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 03/19/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1525

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**MW10**								
Q1525-01	MW10	Water	Acetone		5.10		1.40	5.00	ug/L
Q1525-01	MW10	Water	Benzene		1.40		0.16	1.00	ug/L
Q1525-01	MW10	Water	Trichloroethene		3.20		0.32	1.00	ug/L
Q1525-01	MW10	Water	Chlorobenzene		2.70		0.13	1.00	ug/L
Q1525-01	MW10	Water	Ethyl Benzene		32.9		0.16	1.00	ug/L
Q1525-01	MW10	Water	m/p-Xylenes		18.1		0.31	2.00	ug/L
Q1525-01	MW10	Water	o-Xylene		1.50		0.14	1.00	ug/L
			Total Voc :		64.9				
Q1525-01	MW10	Water	Butane, 2-methyl-	*	74.7	J	0	0	ug/L
Q1525-01	MW10	Water	Butane, 2,3-dimethyl-	*	70.1	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 3-methyl-	*	96.3	J	0	0	ug/L
Q1525-01	MW10	Water	Cyclopentane, methyl-	*	81.3	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2-methyl-	*	90.9	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2,2,4-trimethyl-	*	58.3	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2,3,3-trimethyl-	*	32.1	J	0	0	ug/L
Q1525-01	MW10	Water	Pentane, 2,3-dimethyl-	*	75.8	J	0	0	ug/L
Q1525-01	MW10	Water	Hexane, 3-methyl-	*	33.7	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 1-ethyl-2-methyl-	*	41.2	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 1-propenyl-	*	77.7	J	0	0	ug/L
Q1525-01	MW10	Water	Indan, 1-methyl-	*	77.8	J	0	0	ug/L
Q1525-01	MW10	Water	1H-Indene, 2,3-dihydro-4-meth	*	85.5	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 2-ethenyl-1,4-dimeth	*	33.9	J	0	0	ug/L
Q1525-01	MW10	Water	Benzene, 2-ethyl-1,3-dimethyl-	*	35.0	J	0	0	ug/L
Q1525-01	MW10	Water	Cyclohexane	*	17.5	J	1.60	5.00	ug/L
Q1525-01	MW10	Water	Methylcyclohexane	*	19.0	J	0.19	1.00	ug/L
Q1525-01	MW10	Water	Isopropylbenzene	*	13.2	J	0.13	1.00	ug/L
Q1525-01	MW10	Water	n-propylbenzene	*	21.6	J	0.14	1.00	ug/L
Q1525-01	MW10	Water	1,3,5-Trimethylbenzene	*	2.40	J	0.18	1.00	ug/L
Q1525-01	MW10	Water	tert-Butylbenzene	*	2.30	J	0.17	1.00	ug/L
Q1525-01	MW10	Water	1,2,4-Trimethylbenzene	*	35.8	J	0.18	1.00	ug/L
Q1525-01	MW10	Water	sec-Butylbenzene	*	3.40	J	0.17	1.00	ug/L
Q1525-01	MW10	Water	n-Butylbenzene	*	1.90	J	0.22	1.00	ug/L
Q1525-01	MW10	Water	Naphthalene	*	7.90	J	0.59	1.00	ug/L
			Total Tics :		1090				
			Total Concentration:		1150				

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Hit Summary Sheet
SW-846

SDG No.: Q1525

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	03/06/25
Project:	DPW	Date Received:	03/07/25
Client Sample ID:	MW10	SDG No.:	Q1525
Lab Sample ID:	Q1525-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	5.10		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	1.40		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	3.20		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L

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Report of Analysis

Client:	G Environmental		Date Collected:	03/06/25	
Project:	DPW		Date Received:	03/07/25	
Client Sample ID:	MW10		SDG No.:	Q1525	
Lab Sample ID:	Q1525-01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5 Units:	mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	DB-624UI ID :	0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	2.70		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	32.9		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	18.1		0.31	2.00	ug/L
95-47-6	o-Xylene	1.50		0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	52.8		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69400	5.55			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	124000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55500	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						
000078-78-4	Butane, 2-methyl-	74.7	J		1.74	ug/L
000079-29-8	Butane, 2,3-dimethyl-	70.1	J		2.78	ug/L
000107-83-5	Pentane, 2-methyl-	90.9	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	96.3	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	81.3	J		4.29	ug/L
110-82-7	Cyclohexane	17.5	J		5.47	ug/L
000565-59-3	Pentane, 2,3-dimethyl-	75.8	J		5.61	ug/L
000589-34-4	Hexane, 3-methyl-	33.7	J		5.82	ug/L
000540-84-1	Pentane, 2,2,4-trimethyl-	58.3	J		6.25	ug/L
108-87-2	Methylcyclohexane	19.0	J		7.37	ug/L
000560-21-4	Pentane, 2,3,3-trimethyl-	32.1	J		8.10	ug/L
98-82-8	Isopropylbenzene	13.2	J		11.0	ug/L
103-65-1	n-propylbenzene	21.6	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	2.40	J		11.5	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	03/06/25
Project:	DPW	Date Received:	03/07/25
Client Sample ID:	MW10	SDG No.:	Q1525
Lab Sample ID:	Q1525-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045235.D	1		03/11/25 19:25	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000611-14-3	Benzene, 1-ethyl-2-methyl-	41.2	J		11.6	ug/L
98-06-6	tert-Butylbenzene	2.30	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	35.8	J		11.8	ug/L
135-98-8	sec-Butylbenzene	3.40	J		11.9	ug/L
000637-50-3	Benzene, 1-propenyl-	77.7	J		12.2	ug/L
104-51-8	n-Butylbenzene	1.90	J		12.3	ug/L
002870-04-4	Benzene, 2-ethyl-1,3-dimethyl-	35.0	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	77.8	J		12.7	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	33.9	J		13.2	ug/L
000824-22-6	1H-Indene, 2,3-dihydro-4-methyl-	85.5	J		13.3	ug/L
91-20-3	Naphthalene	7.90	J		13.8	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.: Q1525

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1525-01	MW10	1,2-Dichloroethane-d4	50	52.2	104	70 (74)	130 (125)
		Dibromofluoromethane	50	52.8	106	70 (75)	130 (124)
		Toluene-d8	50	51.5	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.0	112	70 (77)	130 (121)
VX0311WBL01	VX0311WBL01	1,2-Dichloroethane-d4	50	53.3	107	70 (74)	130 (125)
		Dibromofluoromethane	50	50.6	101	70 (75)	130 (124)
		Toluene-d8	50	50.6	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.4	103	70 (77)	130 (121)
VX0311WBS01	VX0311WBS01	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	51.9	104	70 (75)	130 (124)
		Toluene-d8	50	51.2	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.9	106	70 (77)	130 (121)
VX0311WBSD0	VX0311WBSD01	1,2-Dichloroethane-d4	50	51.1	102	70 (74)	130 (125)
		Dibromofluoromethane	50	51.0	102	70 (75)	130 (124)
		Toluene-d8	50	50.7	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.4	109	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1525

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045214.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0311WBS01	Chloromethane	20	18.8	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	17.5	ug/L	88			70 (65)	130 (117)	
	Bromomethane	20	18.9	ug/L	95			40 (58)	160 (125)	
	Chloroethane	20	21.4	ug/L	107			40 (56)	160 (128)	
	Tert butyl alcohol	100	83.4	ug/L	83			70 (73)	130 (124)	
	1,1-Dichloroethene	20	18.8	ug/L	94			70 (74)	130 (110)	
	Acetone	100	97.2	ug/L	97			40 (60)	160 (125)	
	Carbon disulfide	20	16.9	ug/L	85			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.5	ug/L	98			70 (78)	130 (114)	
	Methylene Chloride	20	18.6	ug/L	93			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.4	ug/L	97			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.6	ug/L	98			70 (78)	130 (112)	
	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	19.2	ug/L	96			70 (77)	130 (110)	
	Chloroform	20	19.9	ug/L	100			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.0	ug/L	100			70 (80)	130 (108)	
	Benzene	20	19.4	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.8	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	18.9	ug/L	95			70 (77)	130 (113)	
	1,2-Dichloropropane	20	18.9	ug/L	95			70 (83)	130 (111)	
	Bromodichloromethane	20	19.6	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.0	ug/L	100			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	20.0	ug/L	100			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.6	ug/L	103			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.5	ug/L	98			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	19.5	ug/L	98			70 (82)	130 (110)	
	Tetrachloroethene	20	19.5	ug/L	98			70 (67)	130 (123)	
	Chlorobenzene	20	19.7	ug/L	99			70 (82)	130 (109)	
	Ethyl Benzene	20	19.8	ug/L	99			70 (83)	130 (109)	
	m/p-Xylenes	40	40.1	ug/L	100			70 (82)	130 (110)	
	o-Xylene	20	19.4	ug/L	97			70 (83)	130 (109)	
	Styrene	20	20.3	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	20.0	ug/L	100			70 (79)	130 (109)	
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98			70 (76)	130 (118)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1525

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX045215.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0311WBSD01	Chloromethane	20	17.9	ug/L	90	4		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	16.9	ug/L	85	3		70 (65)	130 (117)	20 (20)
	Bromomethane	20	19.1	ug/L	96	1		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.7	ug/L	99	8		40 (56)	160 (128)	20 (20)
	Tert butyl alcohol	100	84.1	ug/L	84	1		70 (73)	130 (124)	20 (20)
	1,1-Dichloroethene	20	18.4	ug/L	92	2		70 (74)	130 (110)	20 (20)
	Acetone	100	96.0	ug/L	96	1		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	16.4	ug/L	82	4		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.3	ug/L	97	1		70 (78)	130 (114)	20 (20)
	Methylene Chloride	20	19.2	ug/L	96	3		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.2	ug/L	96	1		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	19.2	ug/L	96	2		70 (78)	130 (112)	20 (20)
	2-Butanone	100	100	ug/L	100	0		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.4	ug/L	97	2		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.2	ug/L	96	0		70 (77)	130 (110)	20 (20)
	Chloroform	20	19.5	ug/L	98	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.2	ug/L	96	4		70 (80)	130 (108)	20 (20)
	Benzene	20	19.2	ug/L	96	1		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	19.9	ug/L	100	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.0	ug/L	95	0		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	19.1	ug/L	96	1		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	19.8	ug/L	99	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	19.8	ug/L	99	1		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	20.1	ug/L	101	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.1	ug/L	101	2		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	20.0	ug/L	100	2		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	19.9	ug/L	100	2		70 (82)	130 (110)	20 (20)
	Tetrachloroethene	20	19.3	ug/L	97	1		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	19.6	ug/L	98	1		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.7	ug/L	99	0		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	39.9	ug/L	100	0		70 (82)	130 (110)	20 (20)
	o-Xylene	20	20.2	ug/L	101	4		70 (83)	130 (109)	20 (20)
	Styrene	20	20.5	ug/L	103	1		70 (80)	130 (111)	20 (20)
	Bromoform	20	20.3	ug/L	102	2		70 (79)	130 (109)	20 (20)
	1,1,2,2-Tetrachloroethane	20	19.7	ug/L	99	1		70 (76)	130 (118)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0311WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045213.D Lab Sample ID: VX0311WBL01

Date Analyzed: 03/11/2025 Time Analyzed: 10:51

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
VX0311WBS01	VX0311WBS01	VX045214.D	03/11/2025
VX0311WBSD01	VX0311WBSD01	VX045215.D	03/11/2025
MW10	Q1525-01	VX045235.D	03/11/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

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.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045210.D BFB Injection Date: 03/11/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:30

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	20.8
75	30.0 - 60.0% of mass 95	54.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	76.6
175	5.0 - 9.0% of mass 174	5.8 (7.6) 1
176	95.0 - 101.0% of mass 174	73.2 (95.6) 1
177	5.0 - 9.0% of mass 176	4.8 (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	VX045211.D	03/11/2025	09:59
VX0311WBL01	VX0311WBL01	VX045213.D	03/11/2025	10:51
VX0311WBS01	VX0311WBS01	VX045214.D	03/11/2025	11:14
VX0311WBSD01	VX0311WBSD01	VX045215.D	03/11/2025	11:40
MW10	Q1525-01	VX045235.D	03/11/2025	19:25

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045211.D Date Analyzed: 03/11/2025

Instrument ID: MSVOA_X Time Analyzed: 09:59

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	101357	5.54	176548	6.75	153652	10.05
UPPER LIMIT	202714	6.044	353096	7.251	307304	10.549
LOWER LIMIT	50678.5	5.044	88274	6.251	76826	9.549
EPA SAMPLE NO.						
MW10	69449	5.55	133868	6.76	123702	10.05
VX0311WBL01	69956	5.54	139206	6.76	126312	10.06
VX0311WBS01	94786	5.54	172566	6.76	151770	10.06
VX0311WBSD01	92082	5.54	166231	6.76	148942	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.: Q1525 SAS No.: Q1525 SDG NO.: Q1525

Lab File ID: VX045211.D Date Analyzed: 03/11/2025

Instrument ID: MSVOA_X Time Analyzed: 09:59

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

	IS4 AREA #	RT #				
12 HOUR STD	70136	12.018				
UPPER LIMIT	140272	12.518				
LOWER LIMIT	35068	11.518				
EPA SAMPLE NO.						
MW10	55461	12.02				
VX0311WBL01	50068	12.02				
VX0311WBS01	71836	12.02				
VX0311WBSD01	68861	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBL01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045213.D	1		03/11/25 10:51	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	0.35	U	0.35	1.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	5.60	U	5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	1.00	ug/L
67-64-1	Acetone	1.40	U	1.40	5.00	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	1.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	1.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	1.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	5.00	ug/L
108-88-3	Toluene	0.18	U	0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	1.00	ug/L

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

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBL01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045213.D	1		03/11/25 10:51	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	0.13	U	0.13	1.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	2.00	ug/L
95-47-6	o-Xylene	0.14	U	0.14	1.00	ug/L
100-42-5	Styrene	0.16	U	0.16	1.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.3		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	70000	5.544			
540-36-3	1,4-Difluorobenzene	139000	6.757			
3114-55-4	Chlorobenzene-d5	126000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	50100	12.024			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBS01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045214.D	1		03/11/25 11:14	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	18.8		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	17.5		0.34	1.00	ug/L
74-83-9	Bromomethane	18.9		1.40	5.00	ug/L
75-00-3	Chloroethane	21.4		0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	83.4		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.26	1.00	ug/L
67-64-1	Acetone	97.2		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.9		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.5		0.16	1.00	ug/L
75-09-2	Methylene Chloride	18.6		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.4		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
78-93-3	2-Butanone	100		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.7		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
67-66-3	Chloroform	19.9		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.0		0.19	1.00	ug/L
71-43-2	Benzene	19.4		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.24	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.9		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	20.0		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.0		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.6		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.5		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.5		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.5		0.25	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBS01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045214.D	1		03/11/25 11:14	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.7		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.8		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	40.1		0.31	2.00	ug/L
95-47-6	o-Xylene	19.4		0.14	1.00	ug/L
100-42-5	Styrene	20.3		0.16	1.00	ug/L
75-25-2	Bromoform	20.0		0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94800	5.544			
540-36-3	1,4-Difluorobenzene	173000	6.757			
3114-55-4	Chlorobenzene-d5	152000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	71800	12.018			

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBSD01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045215.D	1		03/11/25 11:40	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
74-87-3	Chloromethane	17.9		0.35	1.00	ug/L
75-01-4	Vinyl Chloride	16.9		0.34	1.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
75-00-3	Chloroethane	19.7		0.56	1.00	ug/L
75-65-0	Tert butyl alcohol	84.1		5.60	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.26	1.00	ug/L
67-64-1	Acetone	96.0		1.40	5.00	ug/L
75-15-0	Carbon Disulfide	16.4		0.32	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
75-09-2	Methylene Chloride	19.2		0.32	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.2		0.23	1.00	ug/L
78-93-3	2-Butanone	100		1.30	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.2		0.25	1.00	ug/L
67-66-3	Chloroform	19.5		0.26	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.2		0.19	1.00	ug/L
71-43-2	Benzene	19.2		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.9		0.24	1.00	ug/L
79-01-6	Trichloroethene	19.0		0.32	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.1		0.19	1.00	ug/L
75-27-4	Bromodichloromethane	19.8		0.24	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.75	5.00	ug/L
108-88-3	Toluene	19.8		0.18	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.1		0.21	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.18	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		1.10	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.25	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	DPW	Date Received:	
Client Sample ID:	VX0311WBSD01	SDG No.:	Q1525
Lab Sample ID:	VX0311WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045215.D	1		03/11/25 11:40	VX031125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-90-7	Chlorobenzene	19.6		0.13	1.00	ug/L
100-41-4	Ethyl Benzene	19.7		0.16	1.00	ug/L
179601-23-1	m/p-Xylenes	39.9		0.31	2.00	ug/L
95-47-6	o-Xylene	20.2		0.14	1.00	ug/L
100-42-5	Styrene	20.5		0.16	1.00	ug/L
75-25-2	Bromoform	20.3		0.21	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.27	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.1		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.4		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	92100	5.544			
540-36-3	1,4-Difluorobenzene	166000	6.757			
3114-55-4	Chlorobenzene-d5	149000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	68900	12.018			

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG No.: Q1525

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

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

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

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

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

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

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG No.: Q1525

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

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

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

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

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

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG No.: Q1525

Instrument ID: MSVOA_X Calibration Date/Time: 03/11/2025 09:59

Lab File ID: VX045211.D Init. Calib. Date(s): 02/28/2025 02/28/2025

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

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chloromethane	0.770	0.731	0.1	-5.07	20
Vinyl Chloride	0.764	0.723		-5.37	20
Bromomethane	0.300	0.303		1	20
Chloroethane	0.352	0.386		9.66	20
Tert butyl alcohol	0.151	0.117		-22.52	20
1,1-Dichloroethene	0.614	0.615		0.16	20
Acetone	0.369	0.381		3.25	20
Carbon Disulfide	1.636	1.547		-5.44	20
Methyl tert-butyl Ether	2.061	2.061		0	20
Methylene Chloride	0.731	0.714		-2.33	20
trans-1,2-Dichloroethene	0.607	0.616		1.48	20
1,1-Dichloroethane	1.247	1.245	0.1	-0.16	20
2-Butanone	0.555	0.581		4.68	20
Carbon Tetrachloride	0.465	0.493		6.02	20
cis-1,2-Dichloroethene	0.749	0.755		0.8	20
Chloroform	1.239	1.234		-0.4	20
1,1,1-Trichloroethane	1.000	1.017		1.7	20
Benzene	1.448	1.486		2.62	20
1,2-Dichloroethane	0.521	0.546		4.8	20
Trichloroethene	0.340	0.354		4.12	20
1,2-Dichloropropane	0.372	0.380		2.15	20
Bromodichloromethane	0.516	0.557		7.95	20
4-Methyl-2-Pentanone	0.587	0.636		8.35	20
Toluene	0.849	0.900		6.01	20
t-1,3-Dichloropropene	0.431	0.514		19.26	20
cis-1,3-Dichloropropene	0.503	0.580		15.31	20
1,1,2-Trichloroethane	0.350	0.361		3.14	20
2-Hexanone	0.425	0.458		7.76	20
Dibromochloromethane	0.366	0.404		10.38	20
Tetrachloroethene	0.320	0.336		5	20
Chlorobenzene	1.058	1.120	0.3	5.86	20
Ethyl Benzene	1.843	1.996		8.3	20
m/p-Xylenes	0.675	0.738		9.33	20
o-Xylene	0.681	0.724		6.31	20
Styrene	1.101	1.222		10.99	20
Bromoform	0.266	0.306	0.1	15.04	20
1,1,2,2-Tetrachloroethane	1.432	1.392	0.3	-2.79	20
1,2-Dichloroethane-d4	0.795	0.792		-0.38	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1525 SAS No.: Q1525 SDG No.: Q1525

Instrument ID: MSVOA_X Calibration Date/Time: 03/11/2025 09:59

Lab File ID: VX045211.D Init. Calib. Date(s): 02/28/2025 02/28/2025

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

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dibromofluoromethane	0.334	0.355		6.29	20
Toluene-d8	1.212	1.251		3.22	20
4-Bromofluorobenzene	0.402	0.446		10.94	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\VX031125\
Data File : VX045235.D
Acq On : 11 Mar 2025 19:25
Operator : JC/MD
Sample : Q1525-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 12 01:55:06 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 :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	69449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57680	52.214	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.420%			
35) Dibromofluoromethane	5.379	113	47222	52.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	8.647	98	167094	51.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%			
62) 4-Bromofluorobenzene	11.079	95	60209	55.990	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.980%			
Target Compounds						Qvalue
16) Acetone	2.380	43	2593	5.059	ug/l	99
31) Cyclohexane	5.471	56	26237	17.457	ug/l #	92
39) Methylcyclohexane	7.373	83	28019	19.048	ug/l #	82
40) Benzene	6.038	78	5613	1.448	ug/l #	88
44) Trichloroethene	7.123	130	2874	3.157	ug/l	94
65) Chlorobenzene	10.080	112	7137	2.727	ug/l	95
67) Ethyl Benzene	10.189	91	150136	32.918	ug/l	98
68) m/p-Xylenes	10.299	106	30248	18.117	ug/l	99
69) o-Xylene	10.640	106	2499	1.484	ug/l	90
73) Isopropylbenzene	10.957	105	57321	13.241	ug/l	100
78) n-propylbenzene	11.305	91	105706	21.616	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	8317	2.376	ug/l	98
83) tert-Butylbenzene	11.713	119	8149	2.266	ug/l	85
84) 1,2,4-Trimethylbenzene	11.750	105	126160	35.821	ug/l	98
85) sec-Butylbenzene	11.890	105	14656	3.402	ug/l	95
89) n-Butylbenzene	12.329	91	5677m	1.893	ug/l	
95) Naphthalene	13.774	128	31539	7.887	ug/l	96

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045235.D
Acq On : 11 Mar 2025 19:25
Operator : JC/MD
Sample : Q1525-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Mar 12 01:55:06 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 :
MW10

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
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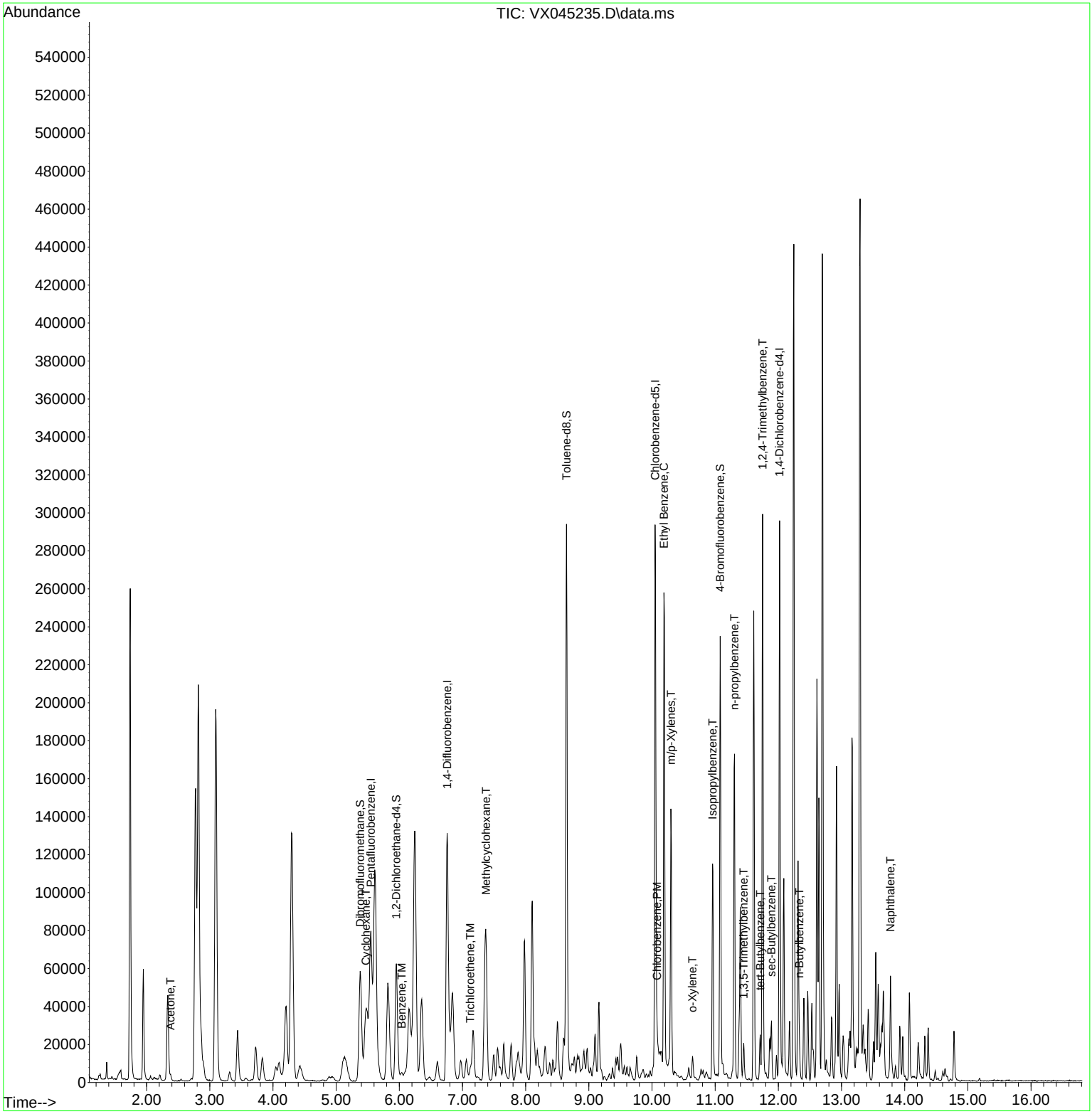

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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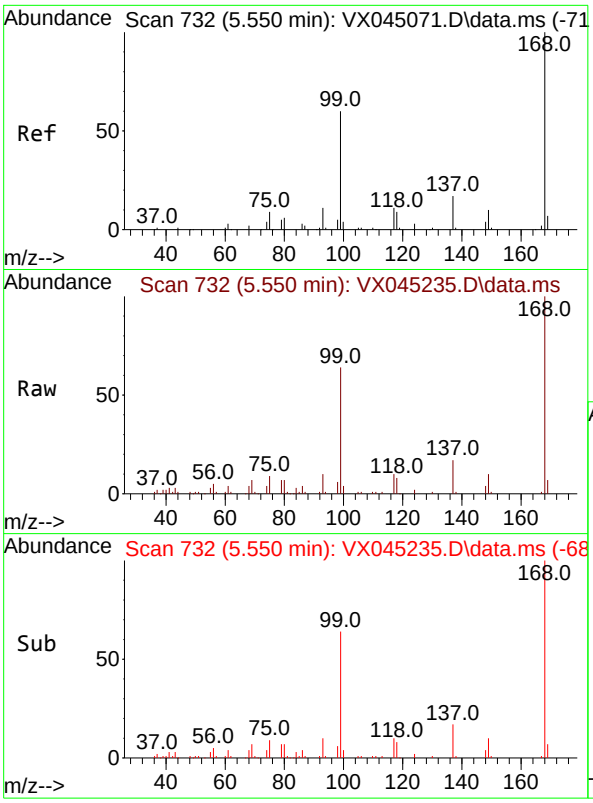
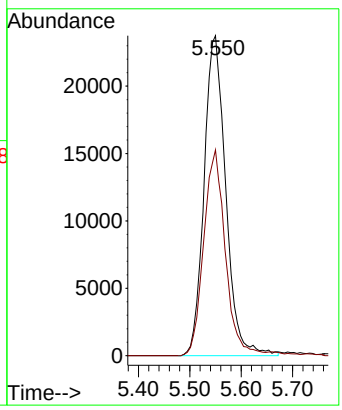
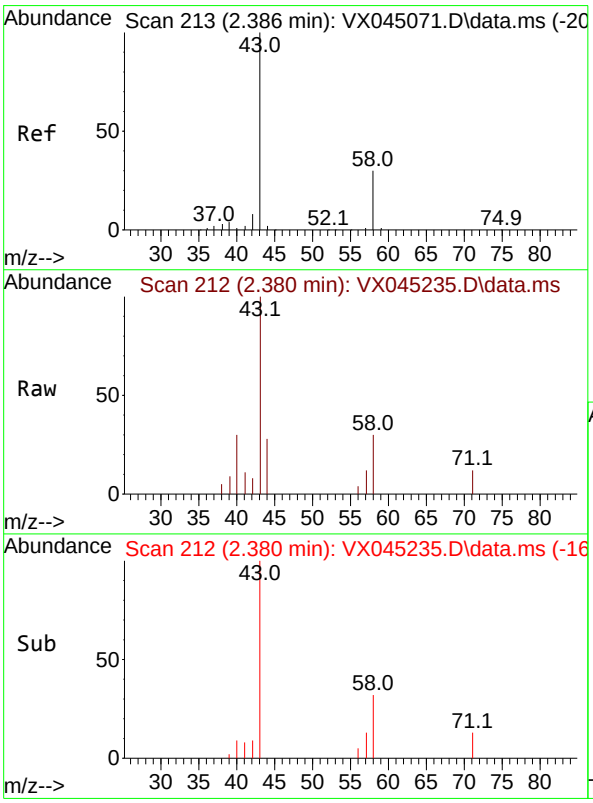


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:168 Resp: 6944

Ion	Ratio	Lower	Upper
168	100		
99	64.3	48.2	72.4

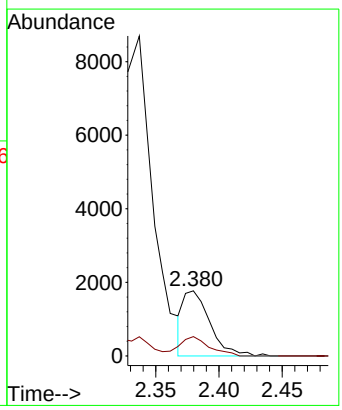




#16
Acetone
Concen: 5.059 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 43 Resp: 2593

Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.2	36.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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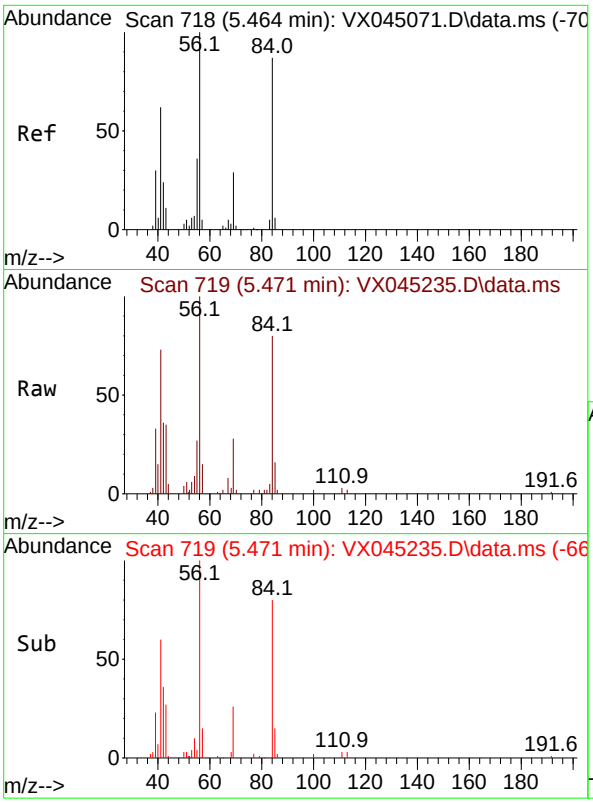
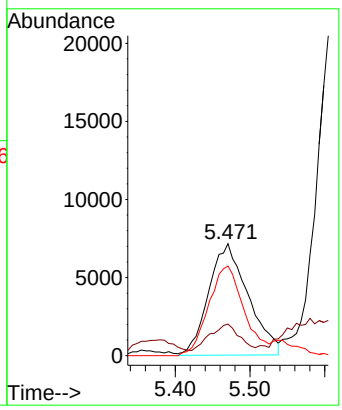
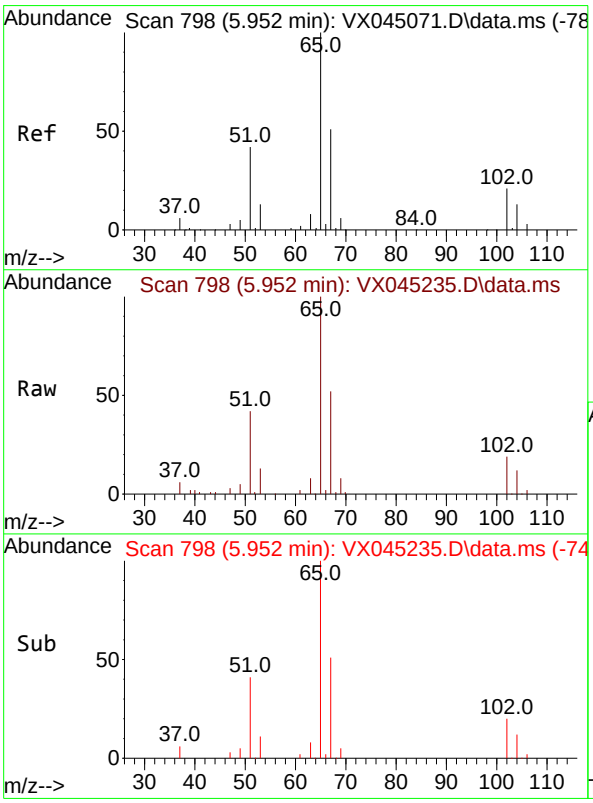


#31
Cyclohexane
Concen: 17.457 ug/l
RT: 5.471 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 56 Resp: 2623

Ion	Ratio	Lower	Upper
56	100		
69	21.2	23.4	35.2
84	81.5	69.4	104.2

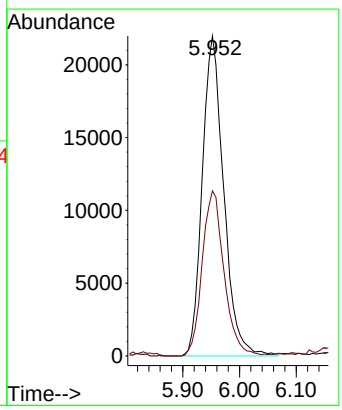


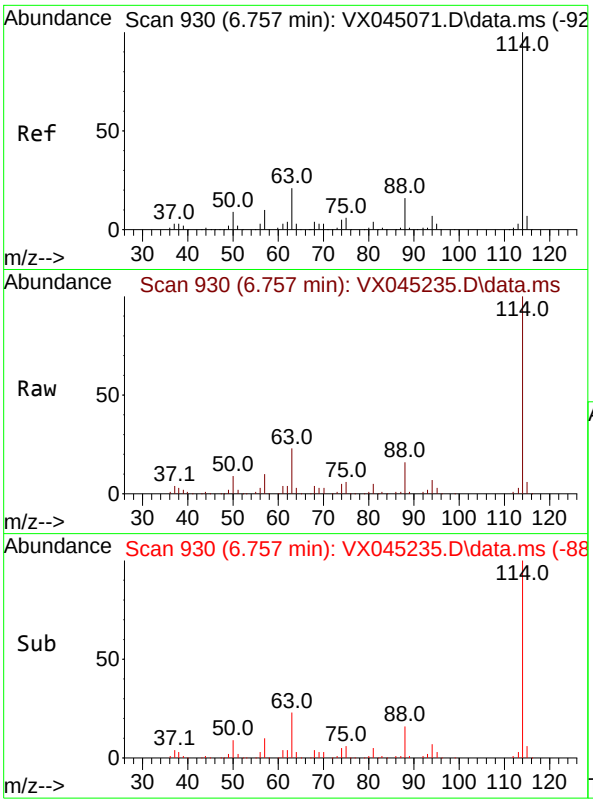


#33
1,2-Dichloroethane-d4
Concen: 52.214 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 65 Resp: 57680

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	106.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:114 Resp: 13386

Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	41.8
88	16.2	0.0	32.8

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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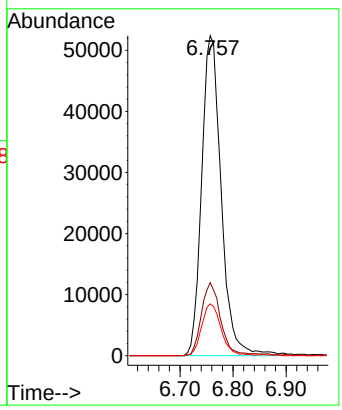
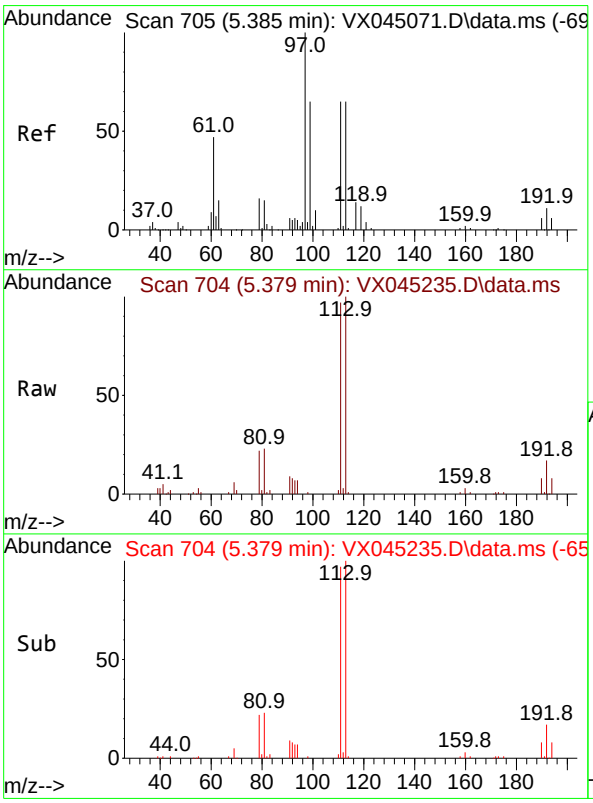
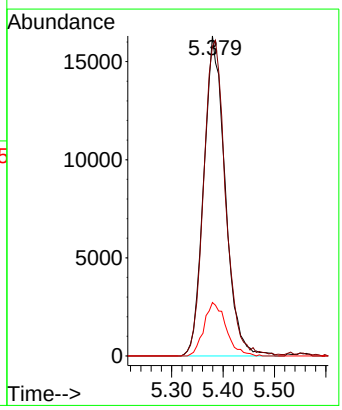


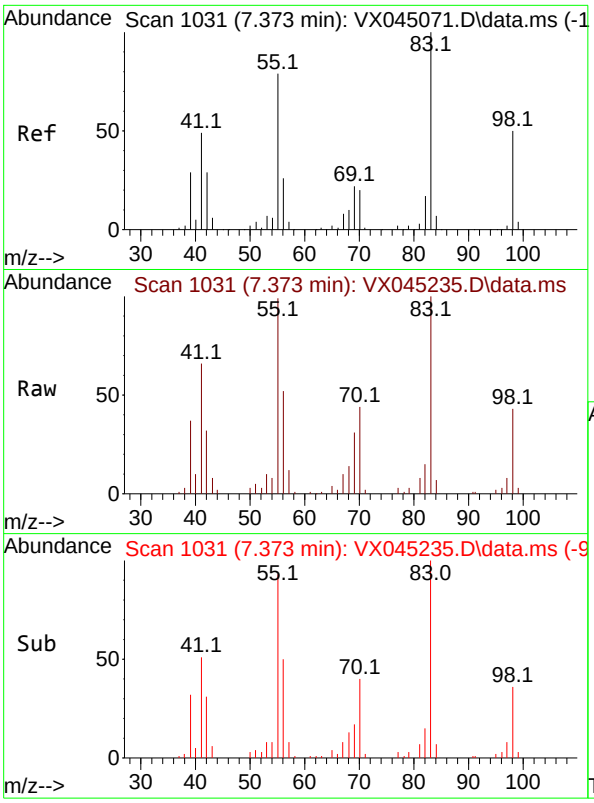


#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:113 Resp: 47222

Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.6
192	17.3	14.3	21.5





#39
Methylcyclohexane
Concen: 19.048 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 83 Resp: 2801

Ion	Ratio	Lower	Upper
83	100		
55	98.8	63.0	94.4#
98	42.7	39.7	59.5

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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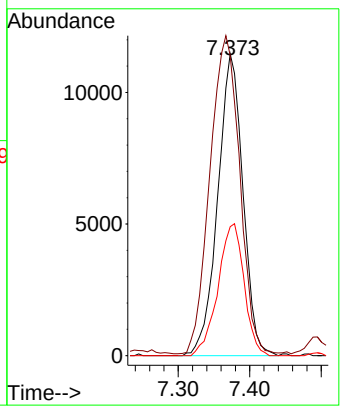
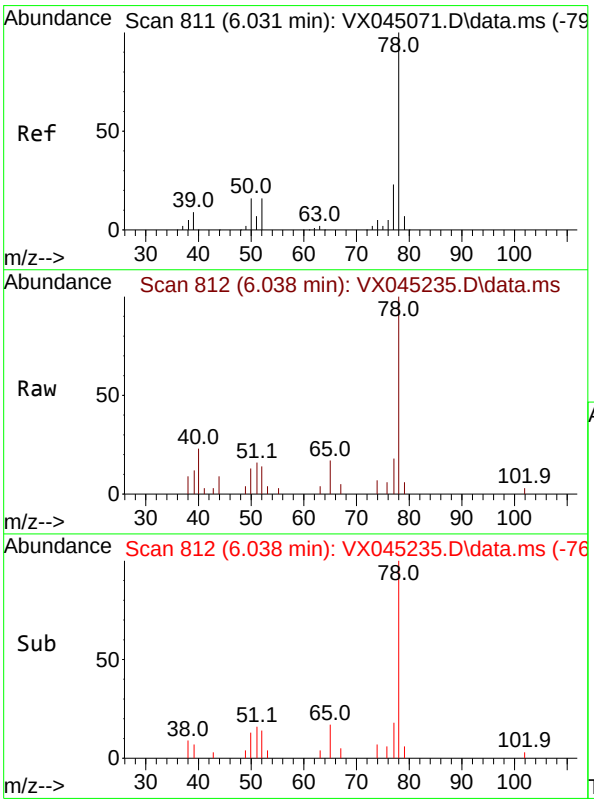
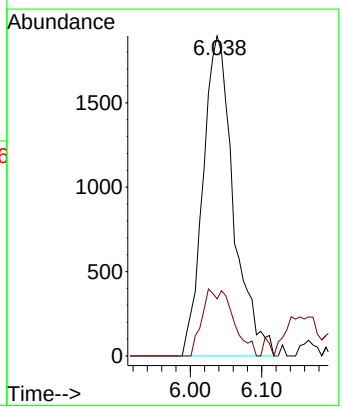


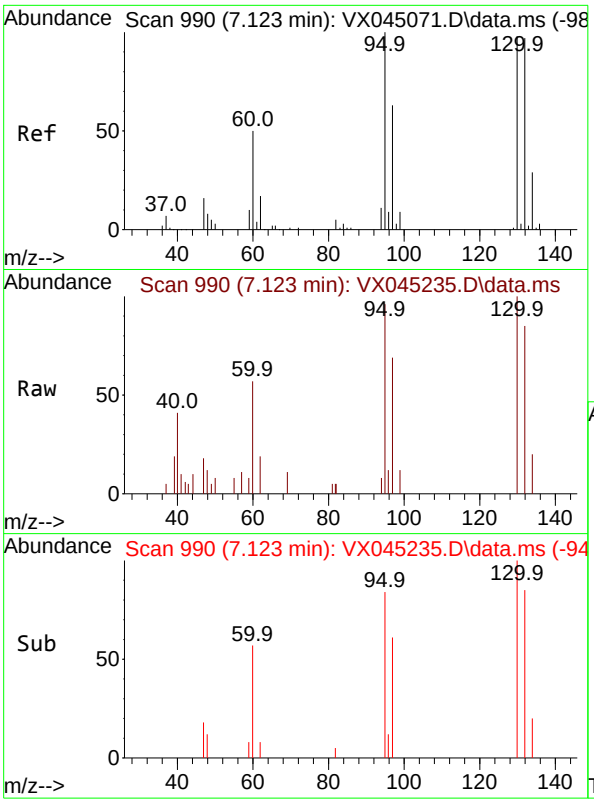


#40
Benzene
Concen: 1.448 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 78 Resp: 5613

Ion	Ratio	Lower	Upper
78	100		
77	17.8	18.8	28.2#

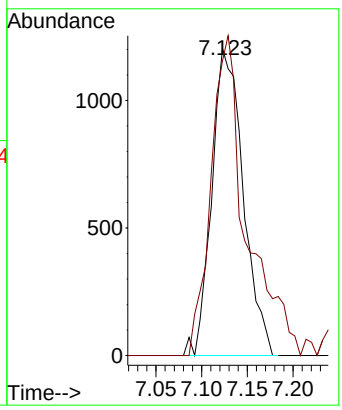




#44
Trichloroethene
Concen: 3.157 ug/l
RT: 7.123 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:130 Resp: 287

Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	205.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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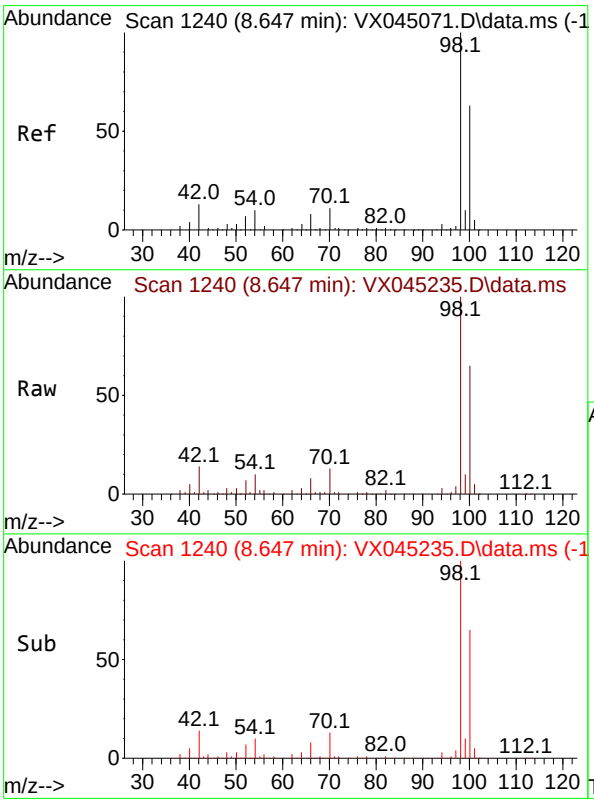
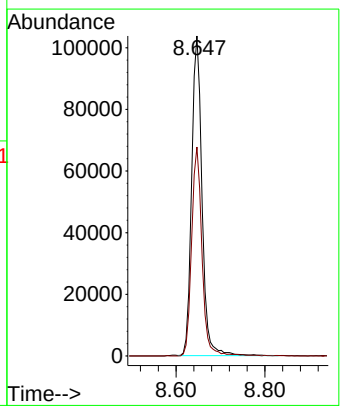
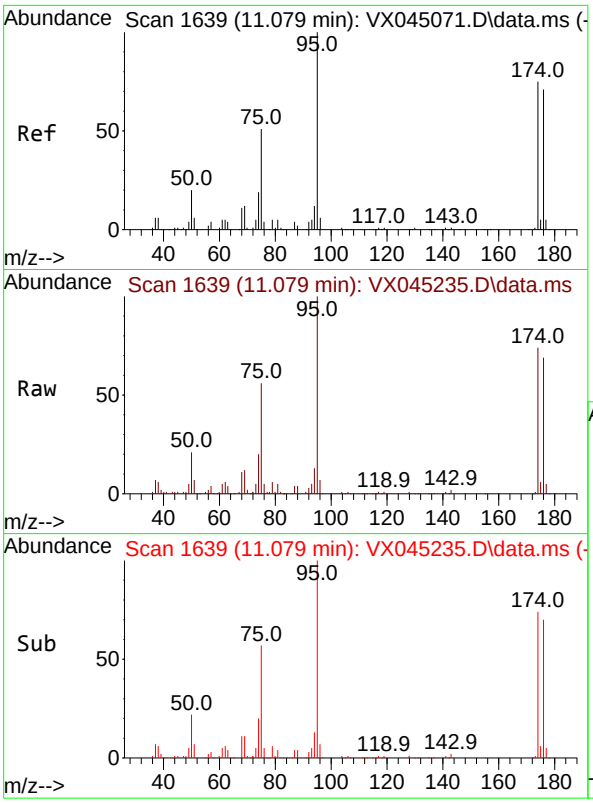


#50
Toluene-d8
Concen: 51.490 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 98 Resp: 167094

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0

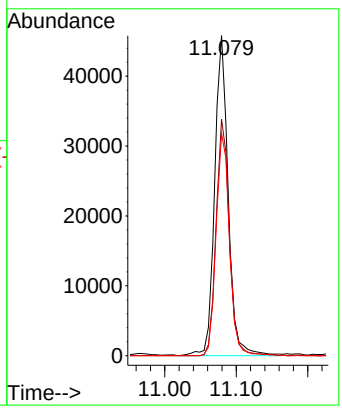




#62
4-Bromofluorobenzene
Concen: 55.990 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 95 Resp: 6020

Ion	Ratio	Lower	Upper
95	100		
174	72.2	0.0	148.2
176	68.5	0.0	141.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

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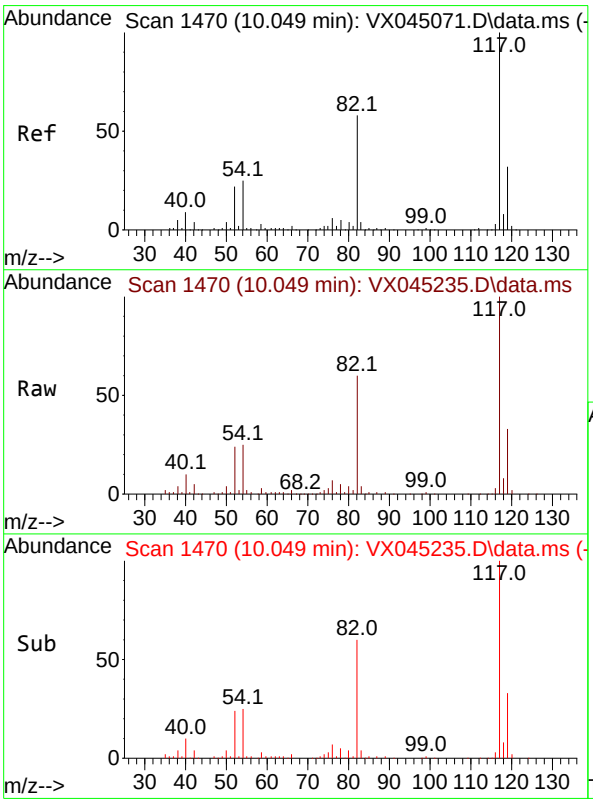
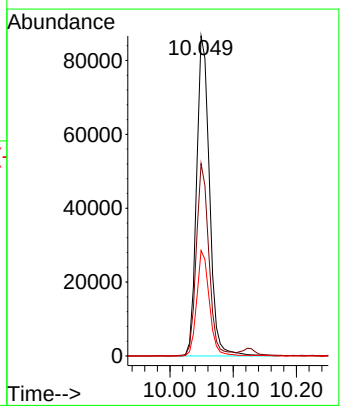
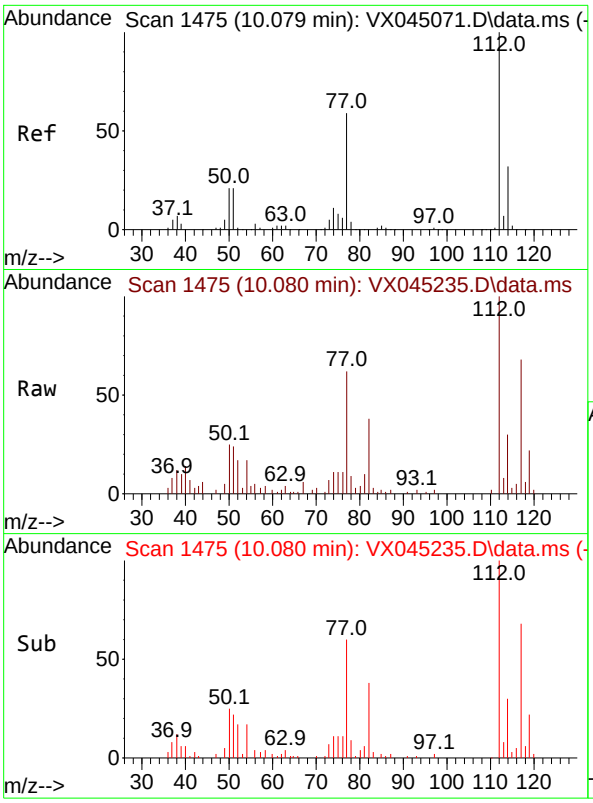


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:117 Resp: 123702

Ion	Ratio	Lower	Upper
117	100		
82	59.9	46.3	69.5
119	33.0	25.7	38.5





#65
Chlorobenzene
Concen: 2.727 ug/l
RT: 10.080 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:112 Resp: 713

Ion	Ratio	Lower	Upper
112	100		
114	29.9	26.0	39.0

Instrument :
MSVOA_X
ClientSampleId :
MW10

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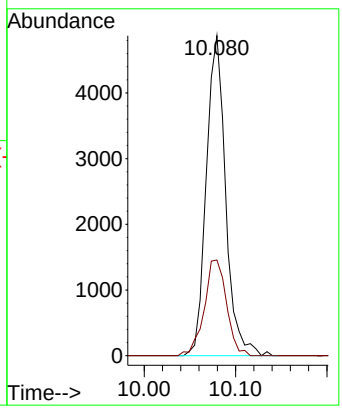
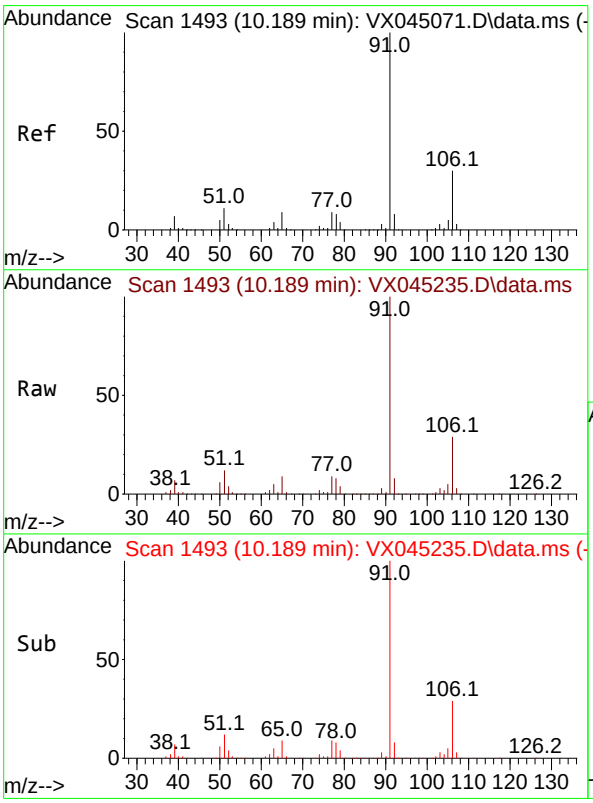
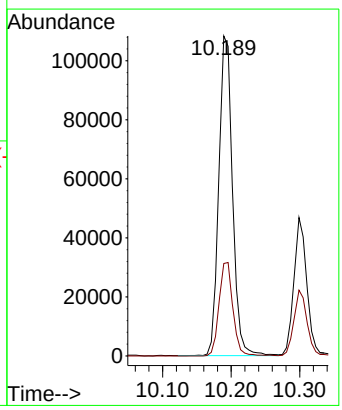


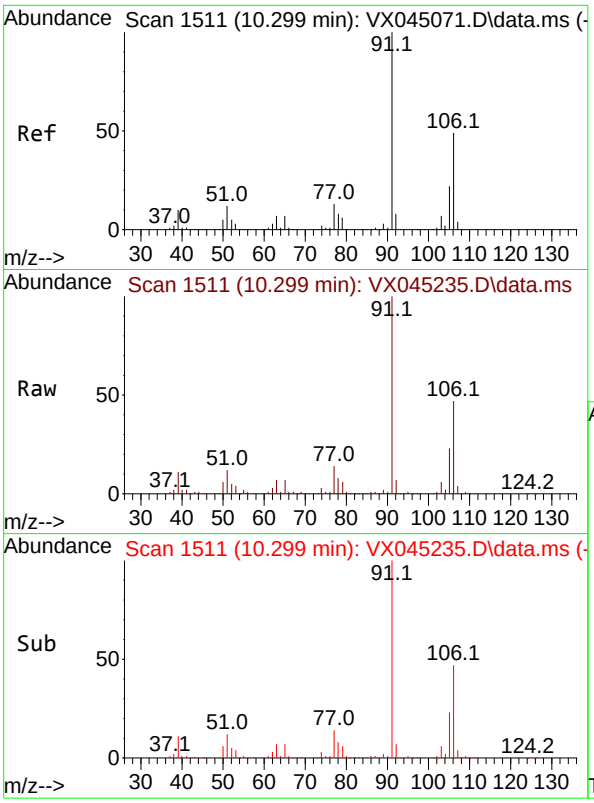


#67
Ethyl Benzene
Concen: 32.918 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 91 Resp: 150136

Ion	Ratio	Lower	Upper
91	100		
106	28.9	23.9	35.9

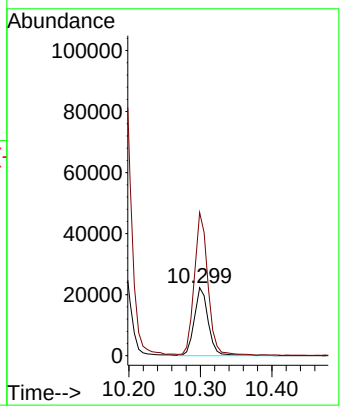




#68
m/p-Xylenes
Concen: 18.117 ug/l
RT: 10.299 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:106 Resp: 3024

Ion	Ratio	Lower	Upper
106	100		
91	204.8	165.4	248.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

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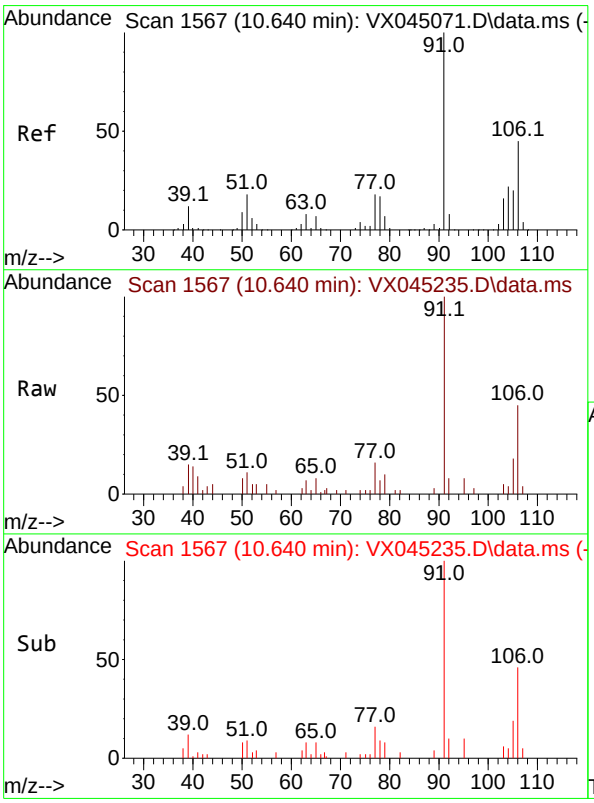
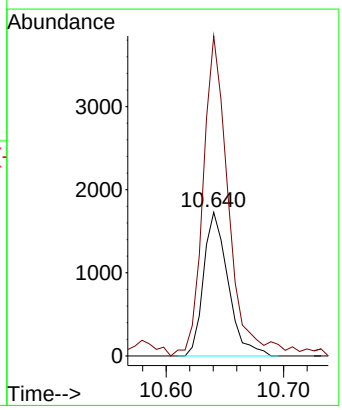
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

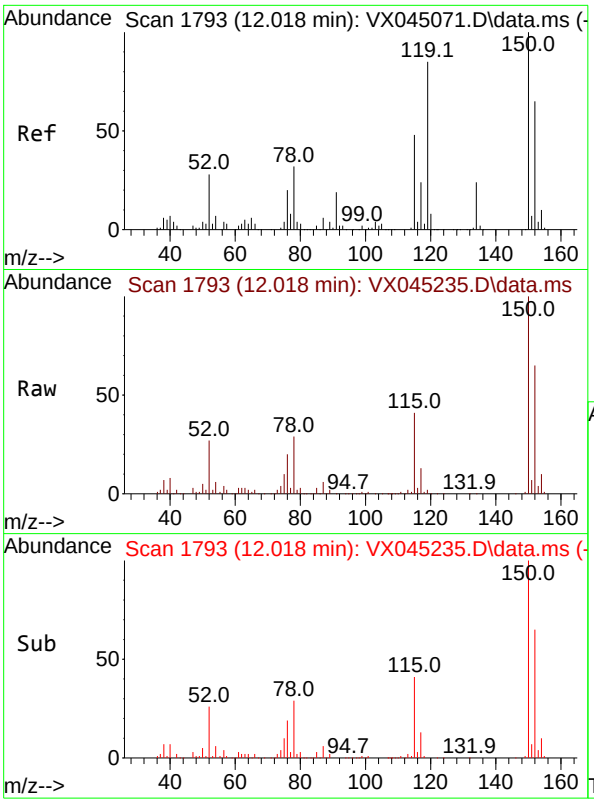


#69
o-Xylene
Concen: 1.484 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:106 Resp: 2499

Ion	Ratio	Lower	Upper
106	100		
91	235.5	109.9	329.6

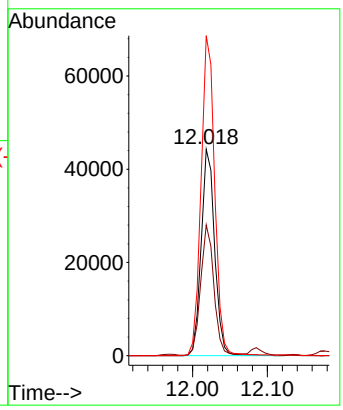




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:152 Resp: 5546

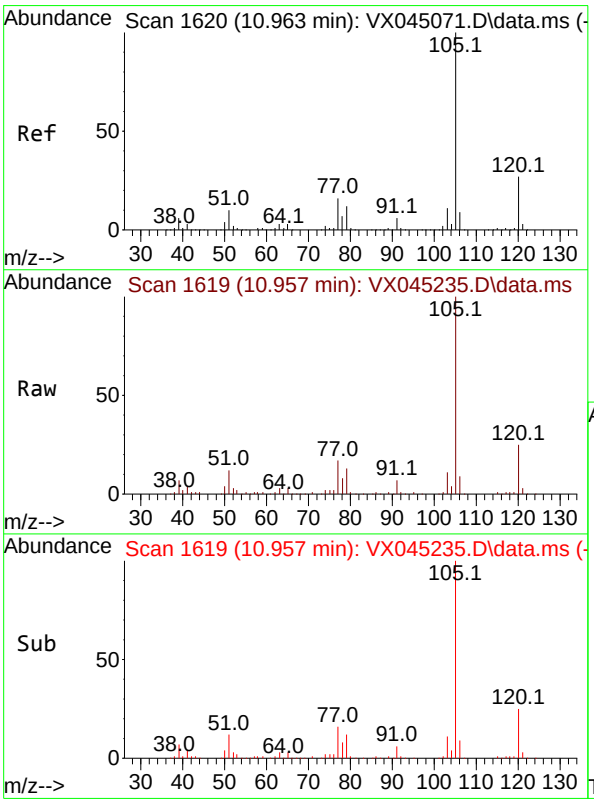
Ion	Ratio	Lower	Upper
152	100		
115	61.5	44.2	132.6
150	157.2	0.0	349.0



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

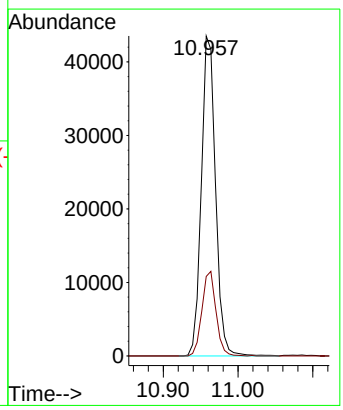
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

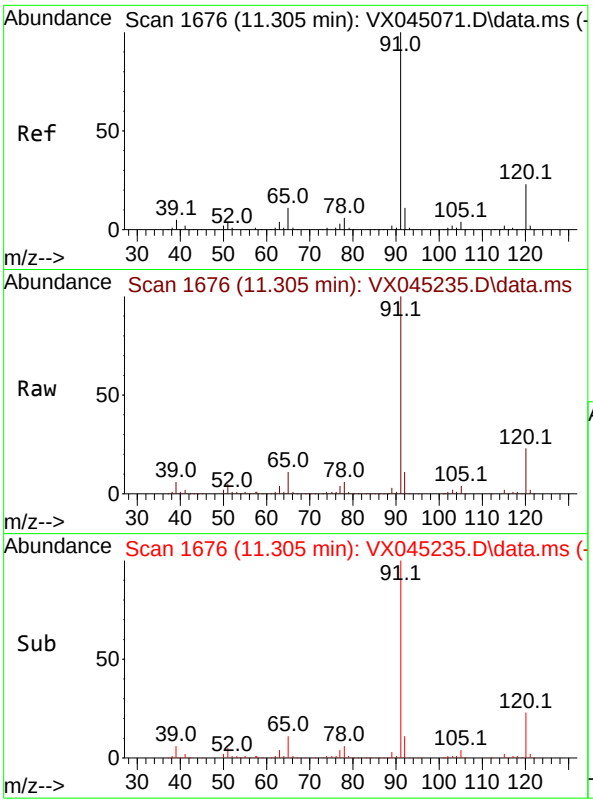


#73
Isopropylbenzene
Concen: 13.241 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:105 Resp: 57321

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.5

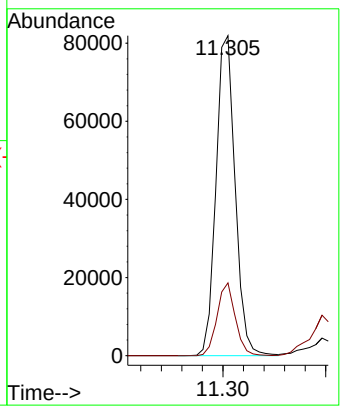




#78
n-propylbenzene
Concen: 21.616 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 91 Resp: 10570

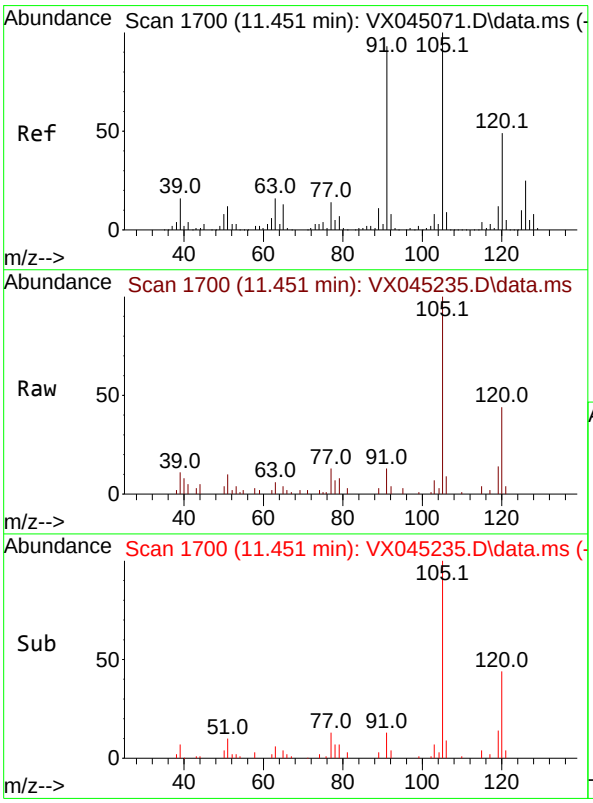
Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.2	33.6



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

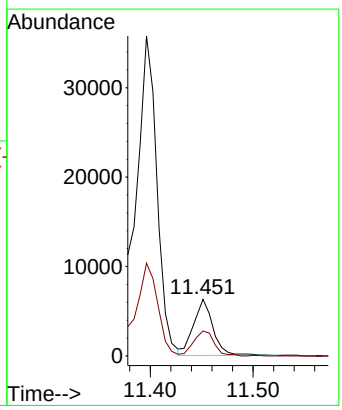
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

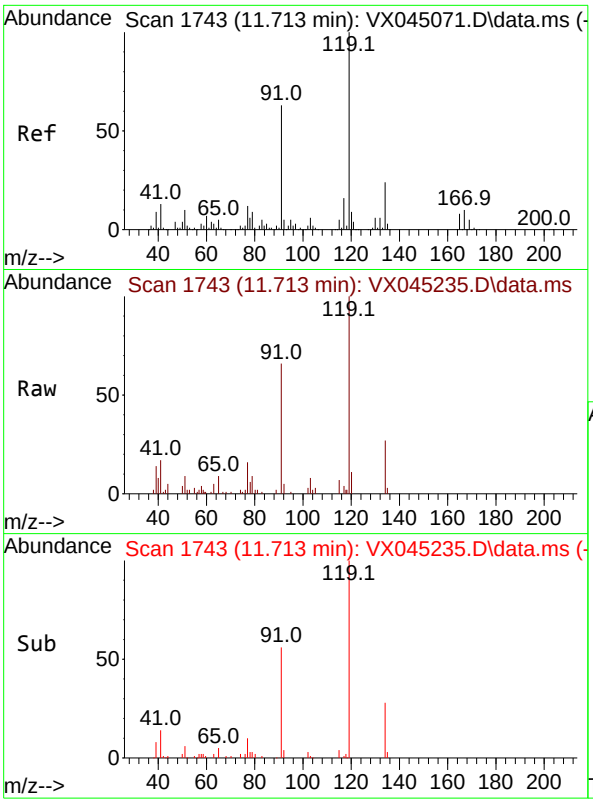


#80
1,3,5-Trimethylbenzene
Concen: 2.376 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:105 Resp: 8317

Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.1	72.2





#83
tert-Butylbenzene
Concen: 2.266 ug/l
RT: 11.713 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

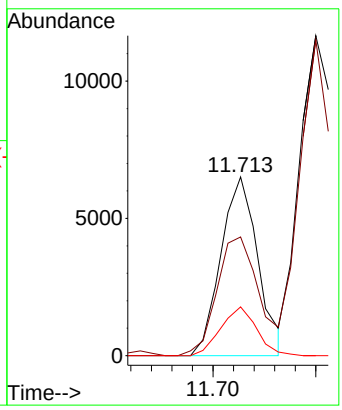
Tgt Ion:119 Resp: 814

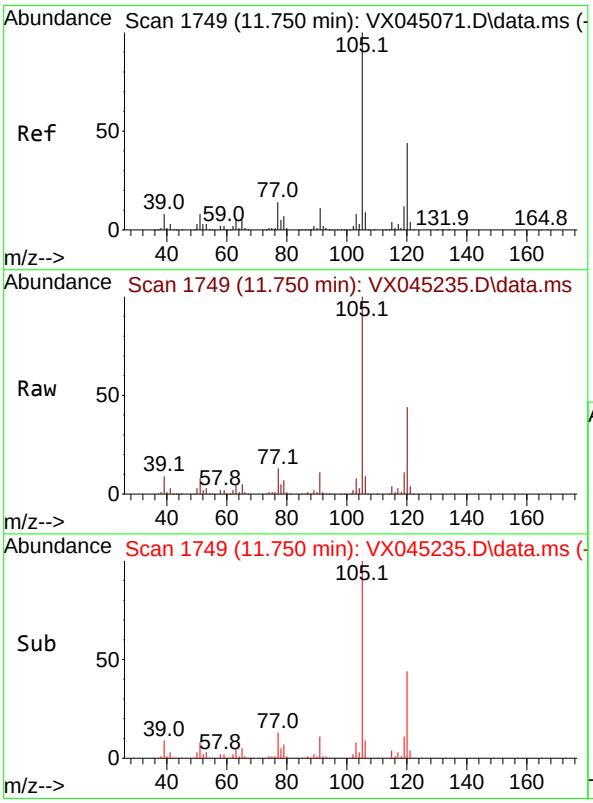
Ion	Ratio	Lower	Upper
119	100		
91	75.8	30.7	92.1
134	26.5	11.7	35.0

Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

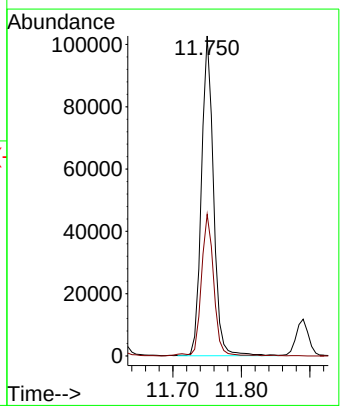


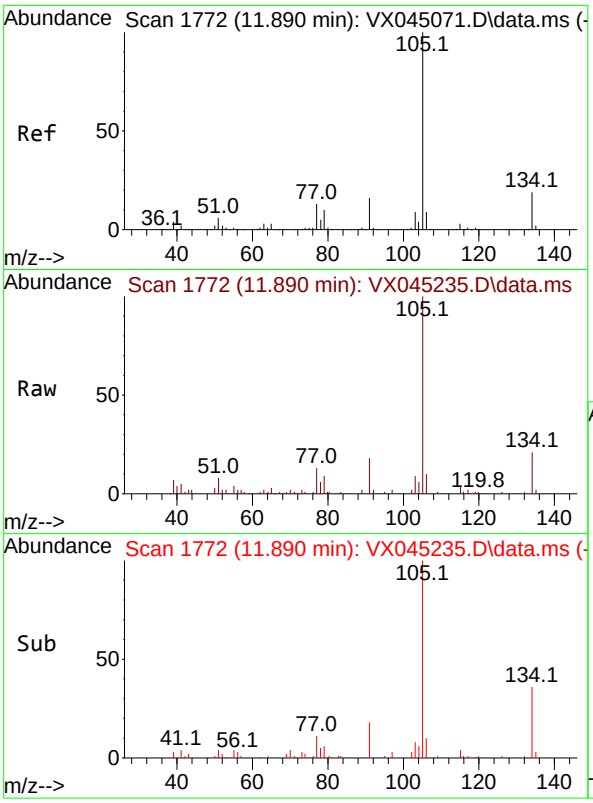


#84
1,2,4-Trimethylbenzene
Concen: 35.821 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:105 Resp: 126160

Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.1	66.1

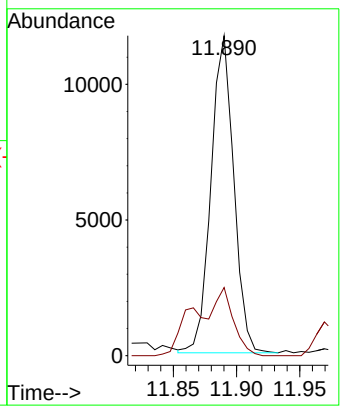




#85
sec-Butylbenzene
Concen: 3.402 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:105 Resp: 1465

Ion	Ratio	Lower	Upper
105	100		
134	17.4	9.8	29.4



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
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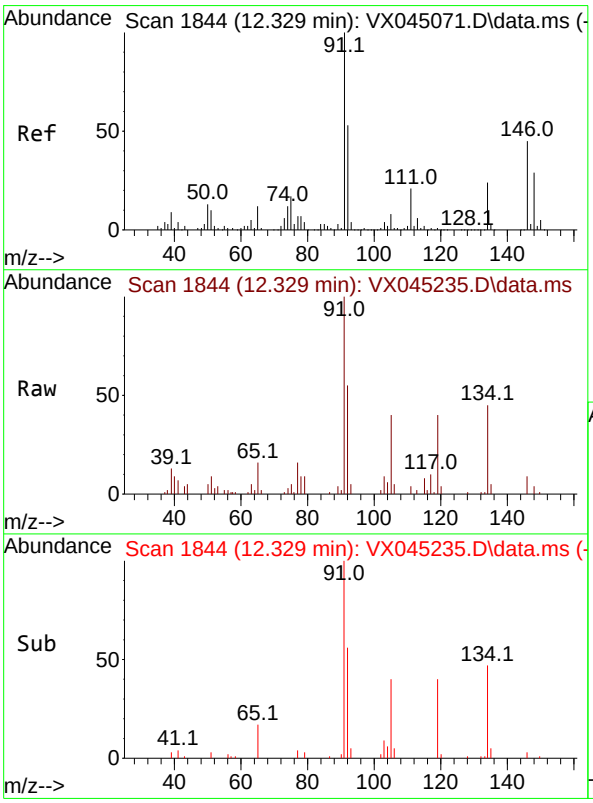
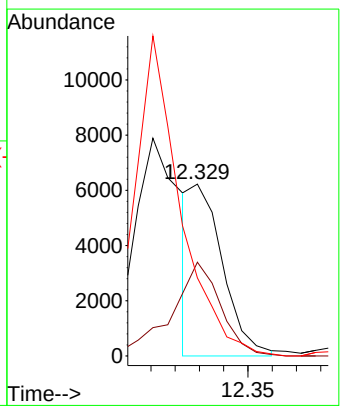
Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

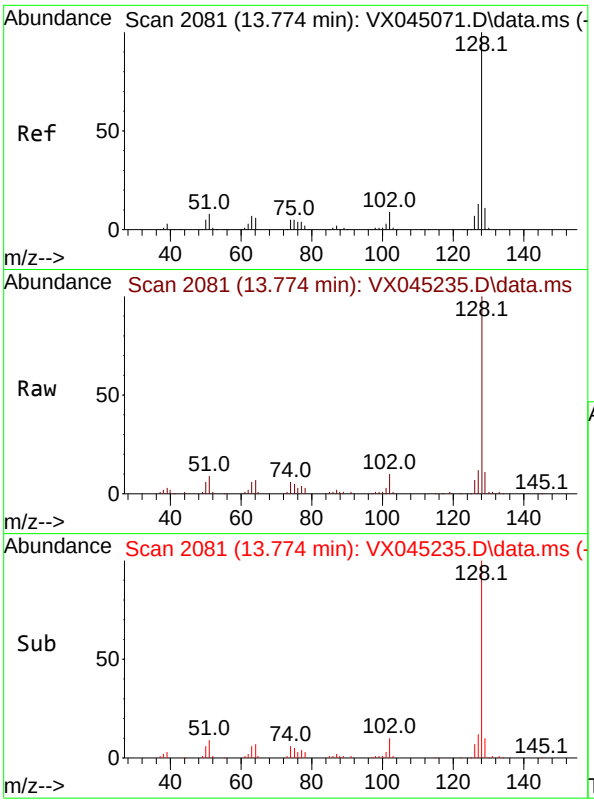


#89
n-Butylbenzene
Concen: 1.893 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion: 91 Resp: 5677

Ion	Ratio	Lower	Upper
91	100		
92	84.7	26.7	80.0#
134	261.7	12.2	36.6#

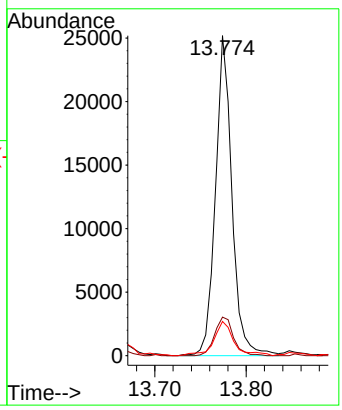




#95
Naphthalene
Concen: 7.887 ug/l
RT: 13.774 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX045235.D
Acq: 11 Mar 2025 19:25

Tgt Ion:128 Resp: 3153

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.3	15.5
129	13.1	8.7	13.1



Instrument :
MSVOA_X
ClientSampleId :
MW10

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045213.D
Acq On : 11 Mar 2025 10:51
Operator : JC/MD
Sample : VX0311WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Quant Time: Mar 12 01:43:18 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	69956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	139206	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126312	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59358	53.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.680%			
35) Dibromofluoromethane	5.385	113	47150	50.653	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.300%			
50) Toluene-d8	8.647	98	170914	50.647	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.300%			
62) 4-Bromofluorobenzene	11.079	95	57517	51.435	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.880%			

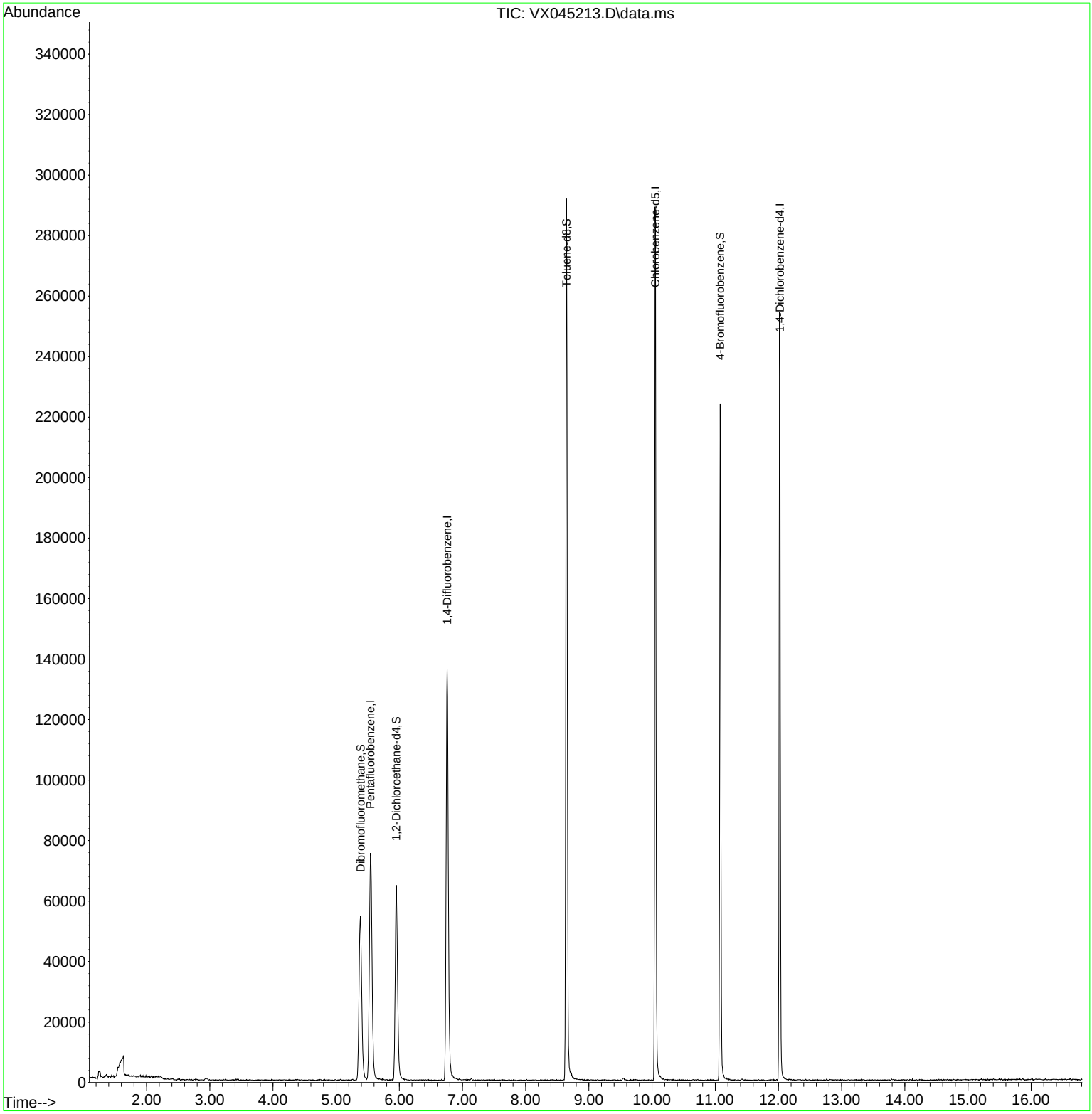
Target Compounds Qvalue

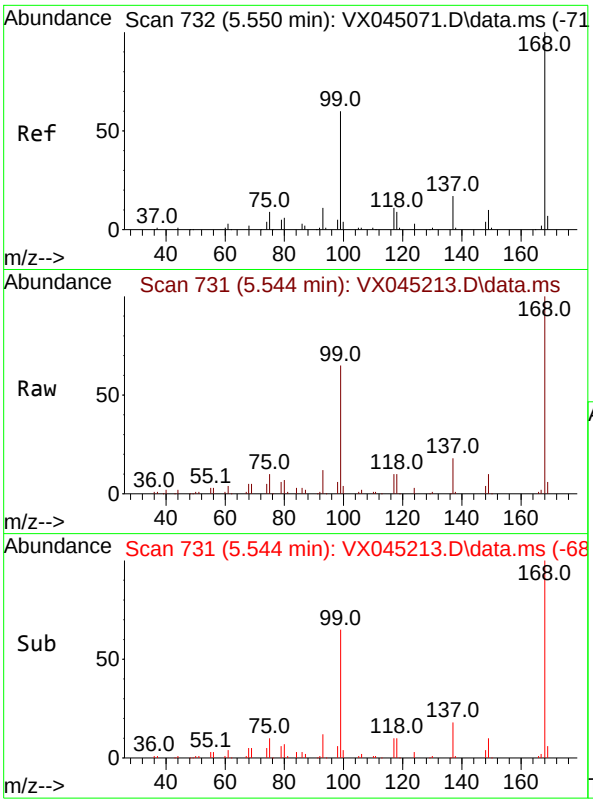
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045213.D
Acq On : 11 Mar 2025 10:51
Operator : JC/MD
Sample : VX0311WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Quant Time: Mar 12 01:43:18 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



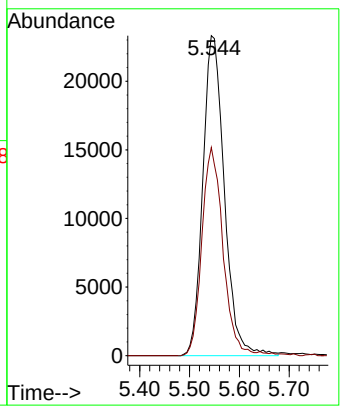


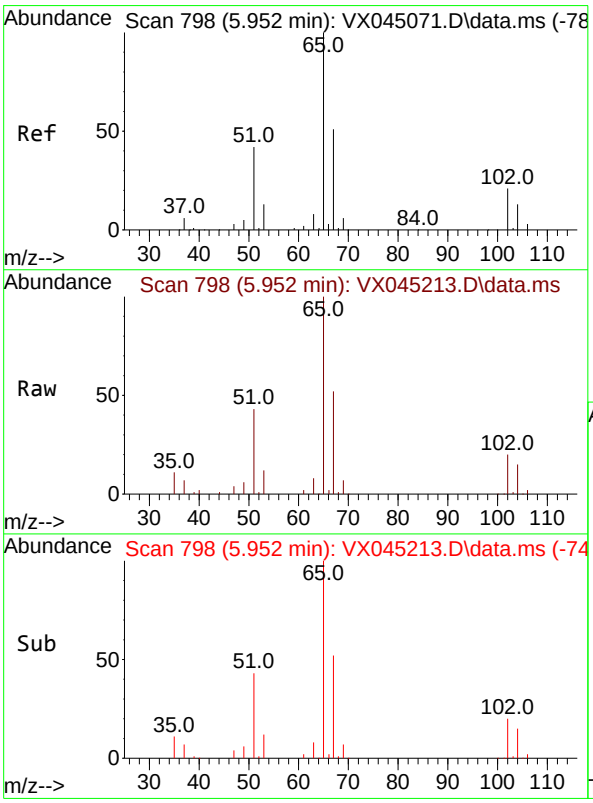
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Tgt Ion:168 Resp: 69956

Ion	Ratio	Lower	Upper
168	100		
99	65.0	48.2	72.4

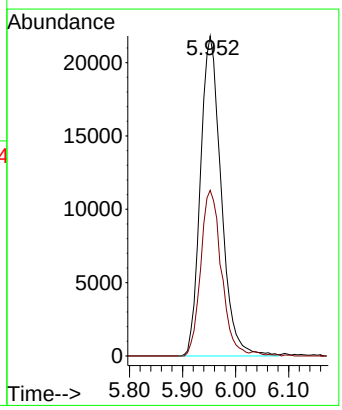


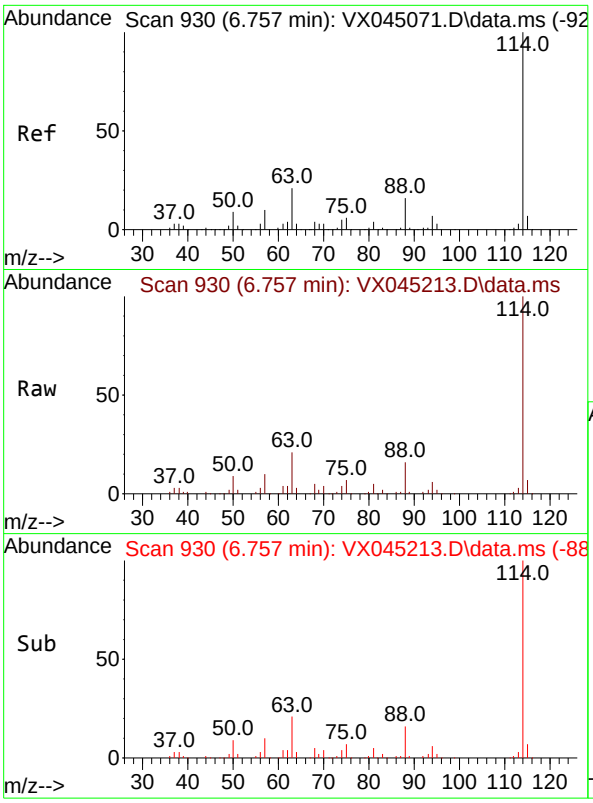


#33
1,2-Dichloroethane-d4
Concen: 53.343 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 65 Resp: 59358

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	106.2



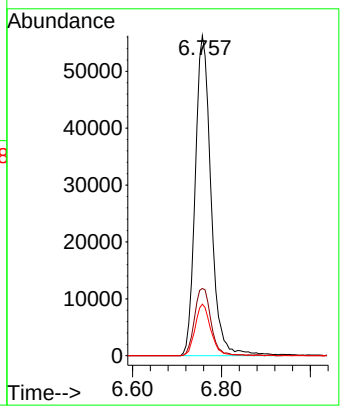


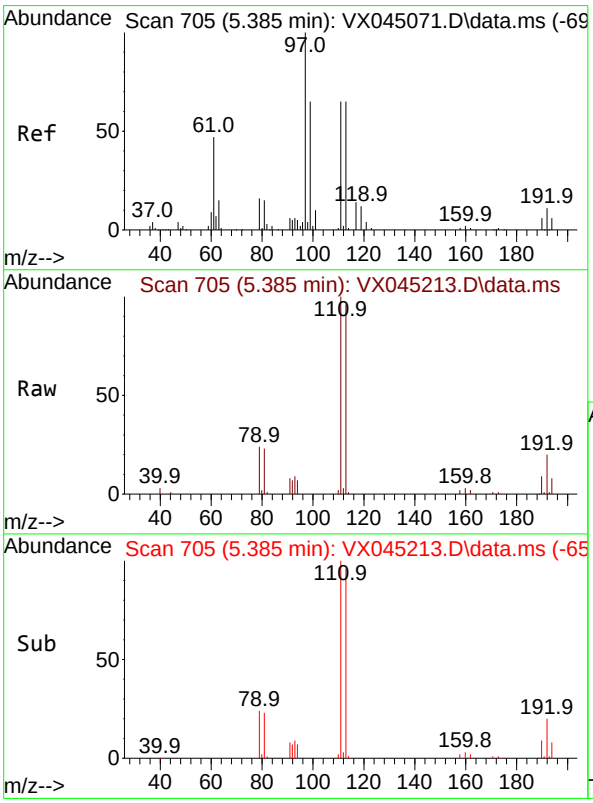
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Tgt Ion:114 Resp: 139206

Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.8
88	16.1	0.0	32.8

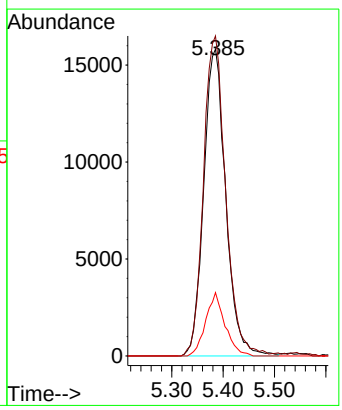


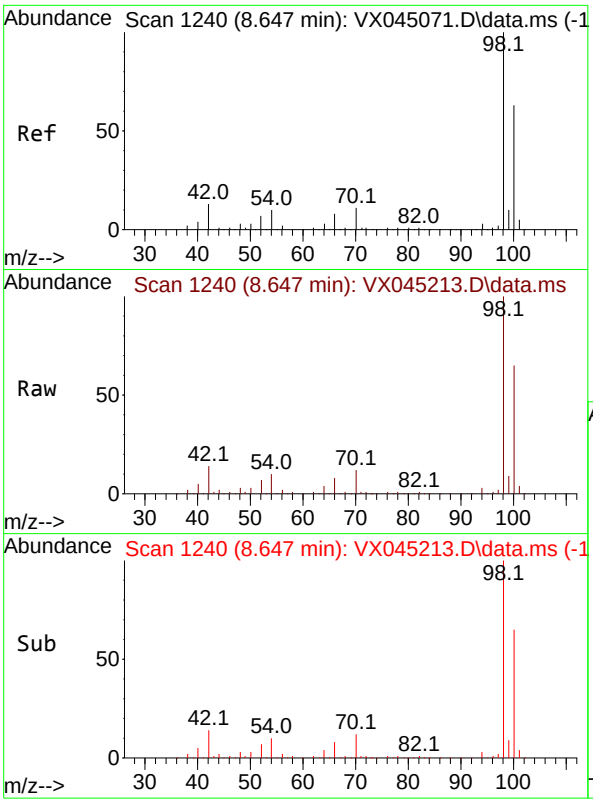


#35
Dibromofluoromethane
Concen: 50.653 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion:113 Resp: 47150

Ion	Ratio	Lower	Upper
113	100		
111	104.8	81.8	122.6
192	18.1	14.3	21.5



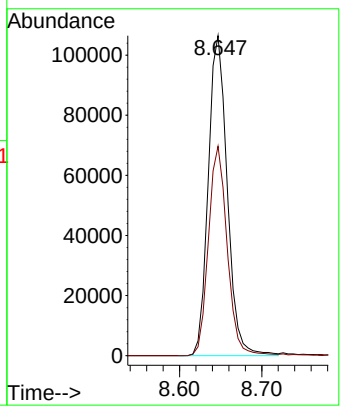


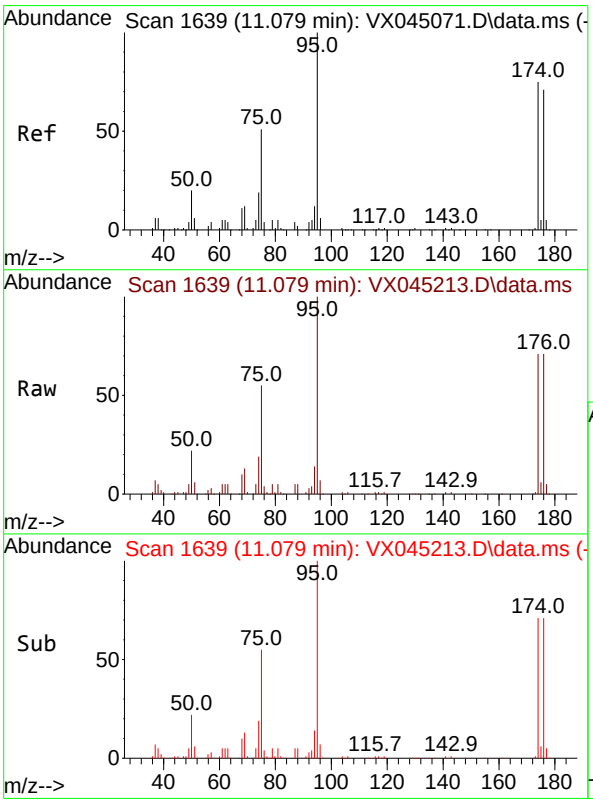
#50
Toluene-d8
Concen: 50.647 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Tgt Ion: 98 Resp: 170914

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.0	78.0

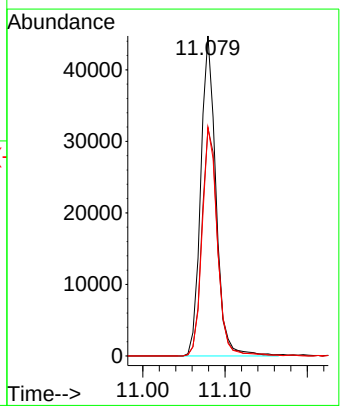




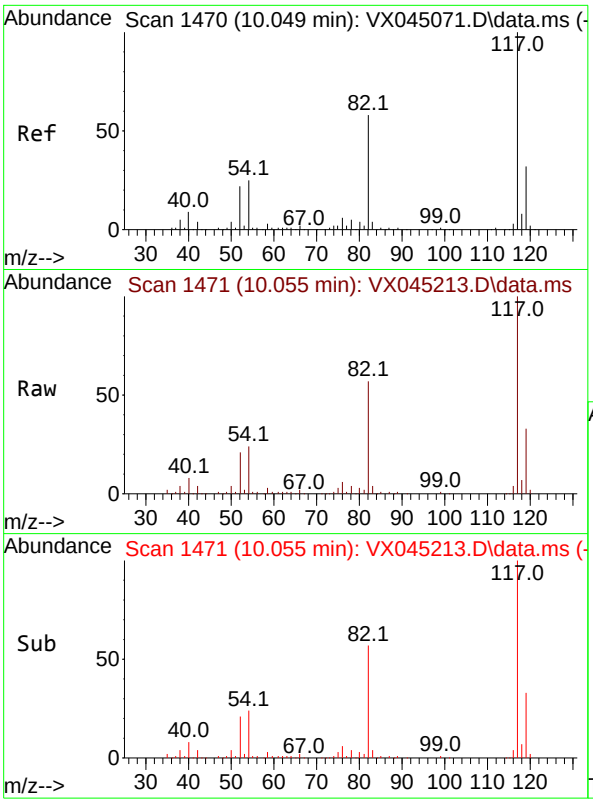
#62
4-Bromofluorobenzene
Concen: 51.435 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion: 95 Resp: 57517

Ion	Ratio	Lower	Upper
95	100		
174	73.1	0.0	148.2
176	71.2	0.0	141.4



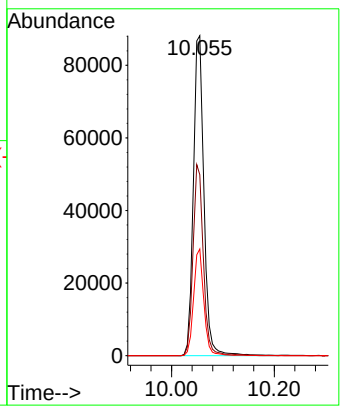
Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

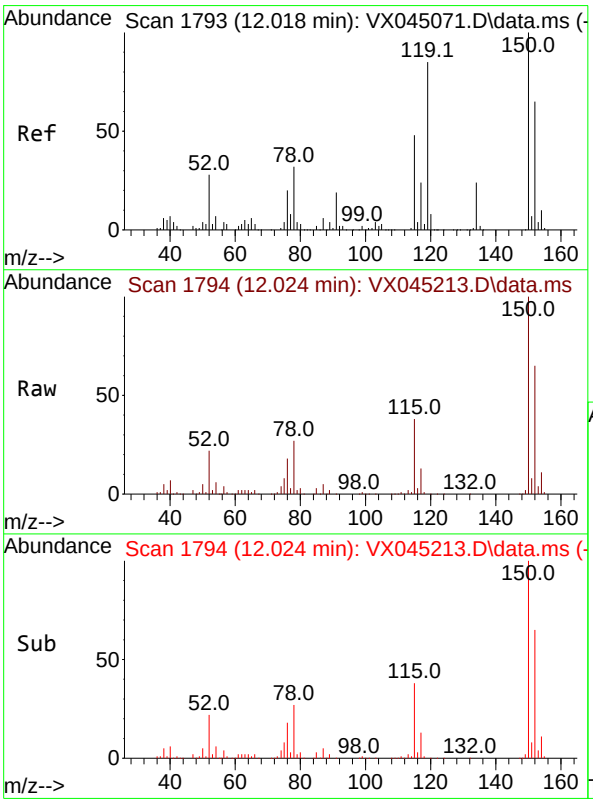


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion:117 Resp: 126312

Ion	Ratio	Lower	Upper
117	100		
82	56.6	46.3	69.5
119	33.4	25.7	38.5

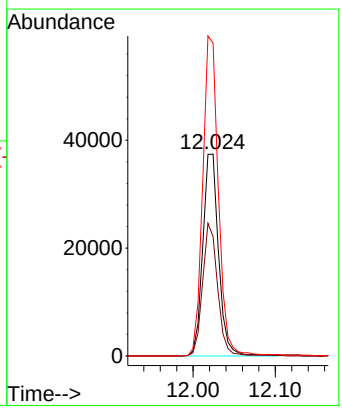




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045213.D
Acq: 11 Mar 2025 10:51

Tgt Ion:152 Resp: 50068

Ion	Ratio	Lower	Upper
152	100		
115	62.2	44.2	132.6
150	156.6	0.0	349.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045214.D
Acq On : 11 Mar 2025 11:14
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 01:43:44 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 :
VX0311WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	94786	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78434	52.022	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.040%			
35) Dibromofluoromethane	5.385	113	59827	51.847	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.700%			
50) Toluene-d8	8.647	98	214187	51.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.079	95	73373	52.930	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	23221	19.462	ug/l	93
3) Chloromethane	1.307	50	27497	18.832	ug/l	98
4) Vinyl Chloride	1.374	62	25371	17.516	ug/l	100
5) Bromomethane	1.593	94	10762	18.900	ug/l	99
6) Chloroethane	1.666	64	14288	21.385	ug/l	99
7) Trichlorofluoromethane	1.873	101	36662	19.119	ug/l	98
8) Diethyl Ether	2.130	74	13336	17.781	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	22963	20.844	ug/l	98
10) Methyl Iodide	2.440	142	26241	19.060	ug/l	98
11) Tert butyl alcohol	2.977	59	23827	83.432	ug/l	99
12) 1,1-Dichloroethene	2.306	96	21892	18.796	ug/l	96
13) Acrolein	2.233	56	27498	83.295	ug/l	98
14) Allyl chloride	2.654	41	42402	20.452	ug/l	97
15) Acrylonitrile	3.062	53	76815	100.359	ug/l	98
16) Acetone	2.379	43	68022	97.239	ug/l	100
17) Carbon Disulfide	2.501	76	52443	16.905	ug/l	99
18) Methyl Acetate	2.703	43	38406	22.822	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	76028	19.456	ug/l	97
20) Methylene Chloride	2.782	84	25706	18.551	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	22379	19.449	ug/l	96
22) Diisopropyl ether	3.763	45	82227	19.501	ug/l	92
23) Vinyl Acetate	3.721	43	347170	98.664	ug/l	100
24) 1,1-Dichloroethane	3.605	63	46401	19.636	ug/l	100
25) 2-Butanone	4.556	43	108494	103.036	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31745	28.640	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	27319	19.233	ug/l	93
28) Bromochloromethane	4.891	49	23024	20.441	ug/l	98
29) Tetrahydrofuran	5.007	42	69813	98.728	ug/l	99
30) Chloroform	5.092	83	46678	19.880	ug/l	96
31) Cyclohexane	5.458	56	40348	19.670	ug/l	92
32) 1,1,1-Trichloroethane	5.373	97	37908	19.990	ug/l	98
36) 1,1-Dichloropropene	5.684	75	29907	18.899	ug/l	99
37) Ethyl Acetate	4.714	43	38853	19.054	ug/l	100
38) Carbon Tetrachloride	5.665	117	31723	19.746	ug/l	94
39) Methylcyclohexane	7.372	83	37800	19.935	ug/l	96
40) Benzene	6.031	78	96762	19.364	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045214.D
Acq On : 11 Mar 2025 11:14
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 01:43:44 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 :
VX0311WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	22316	20.240	ug/l		96
42) 1,2-Dichloroethane	6.086	62	35693	19.836	ug/l		100
43) Isopropyl Acetate	6.342	43	60338	20.011	ug/l		98
44) Trichloroethene	7.123	130	22228	18.944	ug/l		100
45) 1,2-Dichloropropane	7.421	63	24329	18.936	ug/l		92
46) Dibromomethane	7.580	93	18282	20.132	ug/l		97
47) Bromodichloromethane	7.818	83	34860	19.571	ug/l		100
48) Methyl methacrylate	7.696	41	30110	19.905	ug/l		96
49) 1,4-Dioxane	7.665	88	12029	376.974	ug/l		92
51) 4-Methyl-2-Pentanone	8.573	43	214467	105.932	ug/l		99
52) Toluene	8.714	92	58726	20.030	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	29814	20.021	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	35732	20.578	ug/l		97
55) 1,1,2-Trichloroethane	9.153	97	23516	19.483	ug/l		98
56) Ethyl methacrylate	9.116	69	35989	19.616	ug/l		95
57) 1,3-Dichloropropane	9.305	76	42034	20.124	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.238	63	86098	96.201	ug/l		98
59) 2-Hexanone	9.427	43	159240	108.556	ug/l		100
60) Dibromochloromethane	9.518	129	24640	19.524	ug/l		99
61) 1,2-Dibromoethane	9.610	107	23673	19.647	ug/l		98
64) Tetrachloroethene	9.268	164	18990	19.537	ug/l		94
65) Chlorobenzene	10.079	112	63389	19.739	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	21025	19.659	ug/l		97
67) Ethyl Benzene	10.189	91	110625	19.770	ug/l		97
68) m/p-Xylenes	10.299	106	82080	40.069	ug/l		100
69) o-Xylene	10.640	106	40108	19.413	ug/l		99
70) Styrene	10.652	104	67728	20.260	ug/l		100
71) Bromoform	10.799	173	16153	20.029	ug/l	#	96
73) Isopropylbenzene	10.963	105	107006	19.084	ug/l		99
74) N-amyl acetate	10.841	43	50165	19.067	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	40119	19.498	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	32153m	19.230	ug/l		
77) Bromobenzene	11.195	156	24515	18.531	ug/l		99
78) n-propylbenzene	11.305	91	121782	19.227	ug/l		99
79) 2-Chlorotoluene	11.360	91	74331	18.427	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	87665	19.336	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	8908	18.233	ug/l		92
82) 4-Chlorotoluene	11.451	91	84393	19.196	ug/l		99
83) tert-Butylbenzene	11.713	119	87407	18.764	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	87408	19.161	ug/l		99
85) sec-Butylbenzene	11.890	105	109340	19.595	ug/l		100
86) p-Isopropyltoluene	12.006	119	89213	19.784	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	45456	19.261	ug/l		97
88) 1,4-Dichlorobenzene	12.042	146	44731	18.734	ug/l		99
89) n-Butylbenzene	12.329	91	77043	19.837	ug/l		99
90) Hexachloroethane	12.536	117	14295	17.526	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	45966	19.416	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7663	19.117	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	25441	18.873	ug/l		99
94) Hexachlorobutadiene	13.725	225	11095	20.075	ug/l		96
95) Naphthalene	13.774	128	97611	18.846	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	26572	18.685	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045214.D
Acq On : 11 Mar 2025 11:14
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 01:43:44 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 :
VX0311WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

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

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

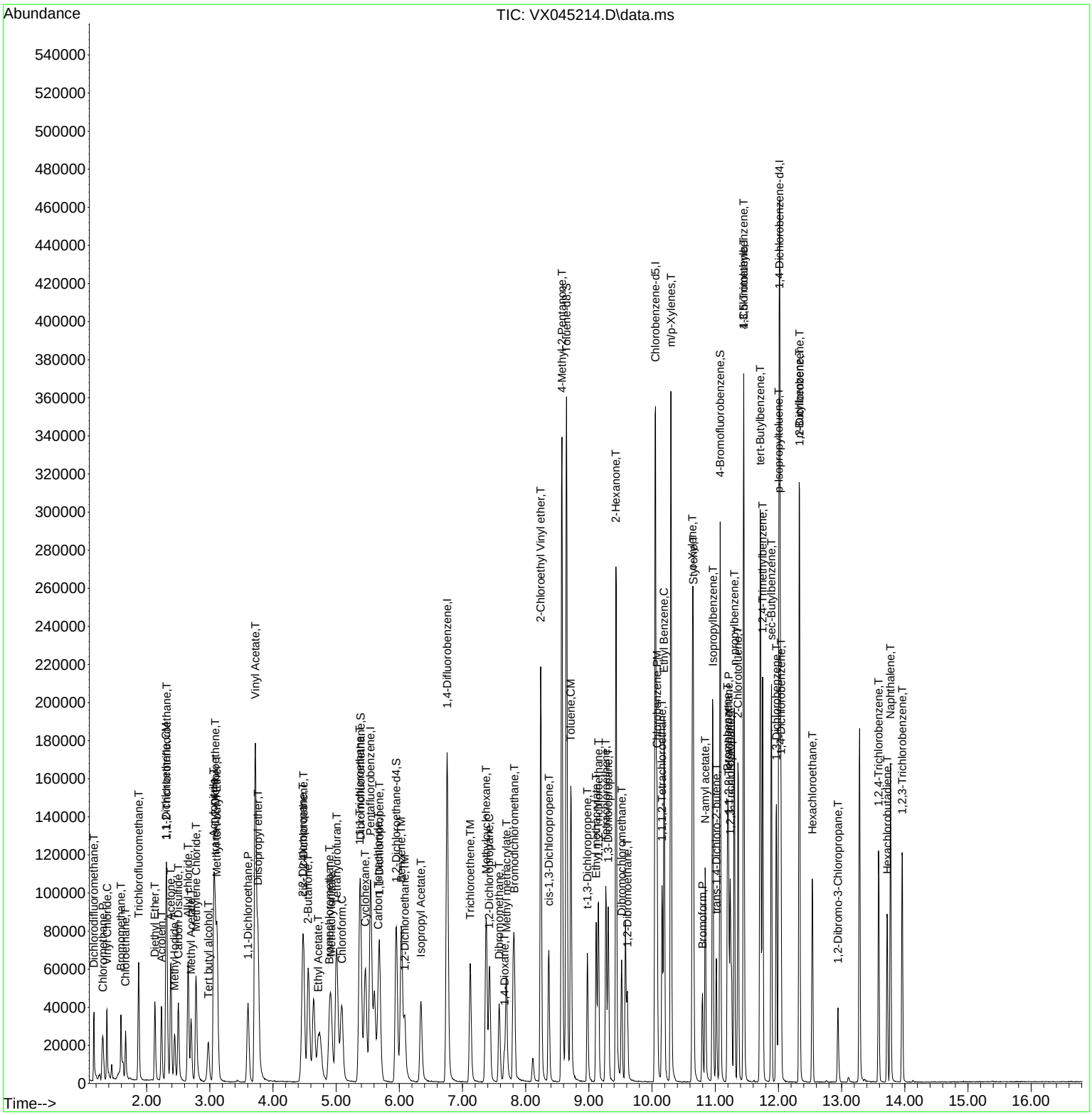
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045214.D
Acq On : 11 Mar 2025 11:14
Operator : JC/MD
Sample : VX0311WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 12 01:43:44 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 :
VX0311WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 01:44:49 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 :
VX0311WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	92082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	148942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74856	51.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.220%			
35) Dibromofluoromethane	5.379	113	56645	50.961	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.920%			
50) Toluene-d8	8.647	98	204141	50.659	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	72695	54.440	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	22434	19.355	ug/l	93
3) Chloromethane	1.307	50	25404	17.909	ug/l	98
4) Vinyl Chloride	1.374	62	23820	16.928	ug/l	95
5) Bromomethane	1.593	94	10572	19.112	ug/l	100
6) Chloroethane	1.666	64	12761	19.661	ug/l	88
7) Trichlorofluoromethane	1.867	101	34778	18.670	ug/l	96
8) Diethyl Ether	2.130	74	12910	17.718	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.312	101	22149	20.696	ug/l	99
10) Methyl Iodide	2.440	142	25294	18.912	ug/l	96
11) Tert butyl alcohol	2.977	59	23337	84.116	ug/l	100
12) 1,1-Dichloroethene	2.306	96	20823	18.403	ug/l	98
13) Acrolein	2.233	56	25369	79.103	ug/l	99
14) Allyl chloride	2.654	41	39210	19.468	ug/l	98
15) Acrylonitrile	3.062	53	75766	101.896	ug/l	100
16) Acetone	2.386	43	65266	96.039	ug/l	98
17) Carbon Disulfide	2.501	76	49556	16.444	ug/l	99
18) Methyl Acetate	2.703	43	37547	22.967	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	73152	19.270	ug/l	100
20) Methylene Chloride	2.782	84	25802	19.167	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	21427	19.168	ug/l	93
22) Diisopropyl ether	3.757	45	79872	19.499	ug/l #	81
23) Vinyl Acetate	3.721	43	341251	99.830	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43990	19.162	ug/l	97
25) 2-Butanone	4.556	43	105263	102.904	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29182	27.101	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	26511	19.212	ug/l	96
28) Bromochloromethane	4.897	49	21801	19.924	ug/l	98
29) Tetrahydrofuran	5.007	42	67355	98.050	ug/l	99
30) Chloroform	5.086	83	44426	19.477	ug/l	98
31) Cyclohexane	5.458	56	37985	19.062	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	35413	19.223	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28849	18.925	ug/l	99
37) Ethyl Acetate	4.714	43	36207	18.433	ug/l	98
38) Carbon Tetrachloride	5.672	117	29989	19.378	ug/l	94
39) Methylcyclohexane	7.373	83	36647	20.064	ug/l	97
40) Benzene	6.031	78	92458	19.208	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 01:44:49 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 :
VX0311WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	21766	20.493	ug/l		98
42) 1,2-Dichloroethane	6.086	62	34432	19.864	ug/l		100
43) Isopropyl Acetate	6.342	43	57873	19.925	ug/l		100
44) Trichloroethene	7.123	130	21499	19.021	ug/l		100
45) 1,2-Dichloropropane	7.427	63	23603	19.071	ug/l		93
46) Dibromomethane	7.580	93	17341	19.824	ug/l		99
47) Bromodichloromethane	7.818	83	33921	19.769	ug/l		99
48) Methyl methacrylate	7.696	41	29960	20.560	ug/l		98
49) 1,4-Dioxane	7.665	88	11450	372.504	ug/l		97
51) 4-Methyl-2-Pentanone	8.574	43	212449	108.934	ug/l		99
52) Toluene	8.714	92	56008	19.831	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	28894	20.143	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	33564	20.066	ug/l		95
55) 1,1,2-Trichloroethane	9.153	97	23281	20.024	ug/l		99
56) Ethyl methacrylate	9.116	69	37256	21.080	ug/l		98
57) 1,3-Dichloropropane	9.305	76	41547	20.649	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	84737	98.289	ug/l		99
59) 2-Hexanone	9.427	43	154662	109.453	ug/l		99
60) Dibromochloromethane	9.518	129	24209	19.914	ug/l		99
61) 1,2-Dibromoethane	9.610	107	23982	20.662	ug/l		98
64) Tetrachloroethene	9.269	164	18450	19.341	ug/l		94
65) Chlorobenzene	10.079	112	61875	19.633	ug/l		96
66) 1,1,1,2-Tetrachloroethane	10.159	131	19978	19.035	ug/l		97
67) Ethyl Benzene	10.189	91	108234	19.710	ug/l		98
68) m/p-Xylenes	10.299	106	80292	39.941	ug/l		97
69) o-Xylene	10.640	106	40924	20.185	ug/l		98
70) Styrene	10.652	104	67151	20.469	ug/l		99
71) Bromoform	10.799	173	16098	20.340	ug/l	#	99
73) Isopropylbenzene	10.957	105	104215	19.390	ug/l		99
74) N-amyl acetate	10.841	43	49701	19.707	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	38763	19.653	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	30828m	19.234	ug/l		
77) Bromobenzene	11.195	156	24637	19.428	ug/l		97
78) n-propylbenzene	11.305	91	121031	19.934	ug/l		99
79) 2-Chlorotoluene	11.360	91	74800	19.344	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	87336	20.096	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8951	19.112	ug/l		92
82) 4-Chlorotoluene	11.451	91	84411	20.030	ug/l		100
83) tert-Butylbenzene	11.713	119	86368	19.342	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	87556	20.023	ug/l		100
85) sec-Butylbenzene	11.890	105	109529	20.477	ug/l		99
86) p-Isopropyltoluene	12.006	119	88543	20.483	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	44375	19.615	ug/l		99
88) 1,4-Dichlorobenzene	12.042	146	43983	19.217	ug/l		98
89) n-Butylbenzene	12.329	91	76829	20.636	ug/l		99
90) Hexachloroethane	12.536	117	14287	18.273	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	44841	19.759	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7436	19.352	ug/l		98
93) 1,2,4-Trichlorobenzene	13.591	180	25138	19.453	ug/l		97
94) Hexachlorobutadiene	13.725	225	10532	19.880	ug/l		98
95) Naphthalene	13.774	128	95200	19.175	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	26292	19.287	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 01:44:49 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 :
VX0311WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025

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

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

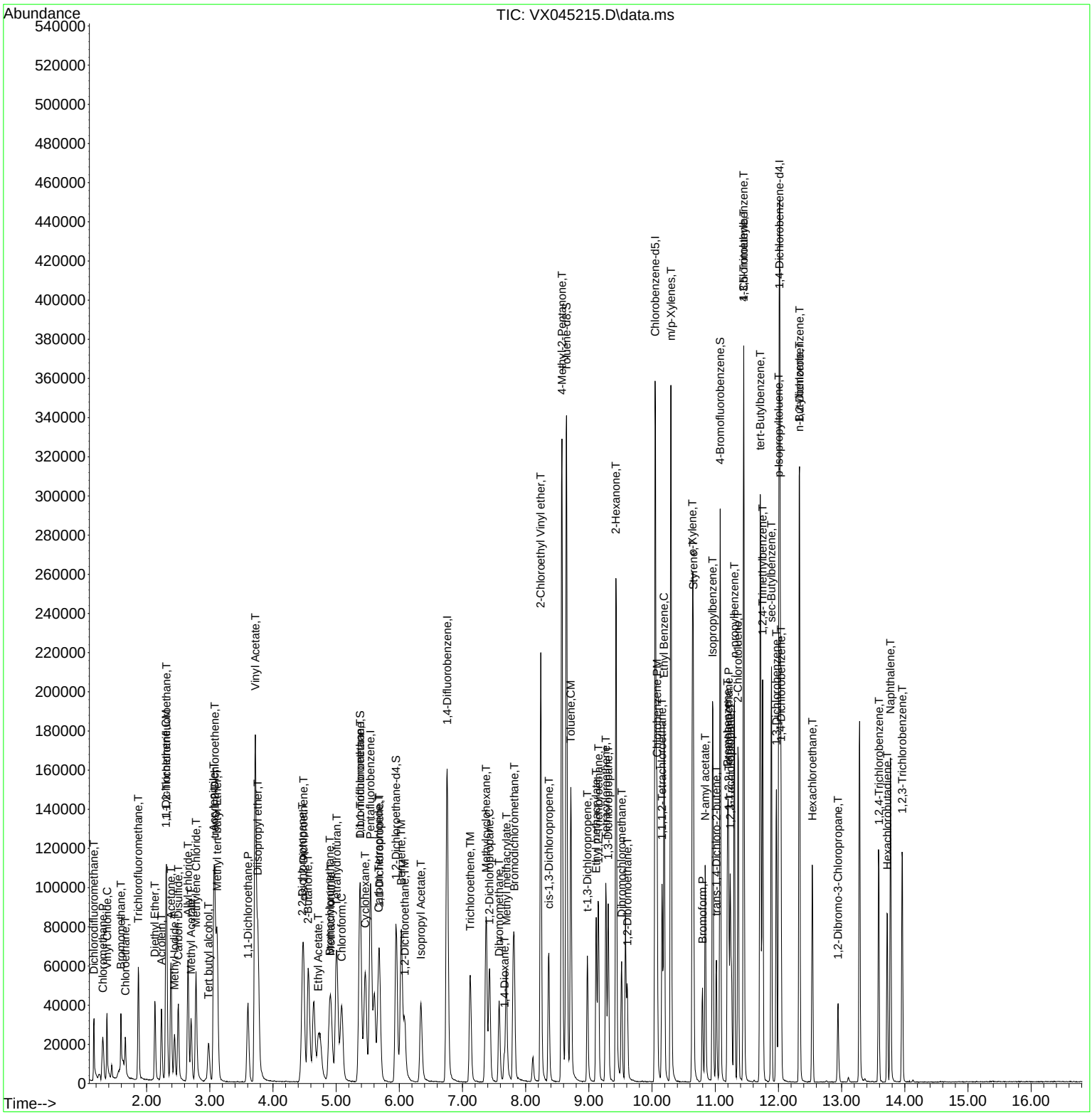
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031125\
Data File : VX045215.D
Acq On : 11 Mar 2025 11:40
Operator : JC/MD
Sample : VX0311WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 12 01:44:49 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 :
VX0311WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 03/12/2025
Supervised By :Mahesh Dadoda 03/12/2025



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:	VX031125	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045211.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:52:29 AM	MMDadoda	3/12/2025 3:17:16 PM	Peak Integrated by Software
VX0311WBS01	VX045214.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:52:33 AM	MMDadoda	3/12/2025 3:17:16 PM	Peak Integrated by Software
VX0311WBSD01	VX045215.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:52:37 AM	MMDadoda	3/12/2025 3:17:18 PM	Peak Integrated by Software
Q1525-01	VX045235.D	n-Butylbenzene	JOHN	3/12/2025 9:52:55 AM	MMDadoda	3/12/2025 3:17:19 PM	Peak Integrated by Software
VSTDCCC050	VX045236.D	1,2,3-Trichloropropane	JOHN	3/12/2025 9:53:00 AM	MMDadoda	3/12/2025 3:17:20 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

Alliance TECHNICAL GROUP
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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/12/2025 3:17:22 PM		
SubDirectory	VX031125	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133244
Initial Calibration Stds	
CCC	VP133245,VP133246
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045210.D	11 Mar 2025 09:30	JC/MD	Ok
2	VSTDCCC050	VX045211.D	11 Mar 2025 09:59	JC/MD	Ok,M
3	VX0311MBL01	VX045212.D	11 Mar 2025 10:27	JC/MD	Ok
4	VX0311WBL01	VX045213.D	11 Mar 2025 10:51	JC/MD	Ok
5	VX0311WBS01	VX045214.D	11 Mar 2025 11:14	JC/MD	Ok,M
6	VX0311WBSD01	VX045215.D	11 Mar 2025 11:40	JC/MD	Ok,M
7	Q1502-01	VX045216.D	11 Mar 2025 12:03	JC/MD	Ok
8	IBLK	VX045217.D	11 Mar 2025 12:27	JC/MD	Ok
9	Q1500-07DL	VX045218.D	11 Mar 2025 12:50	JC/MD	Ok
10	Q1531-16DL	VX045219.D	11 Mar 2025 13:13	JC/MD	Ok
11	Q1500-04DL	VX045220.D	11 Mar 2025 13:36	JC/MD	Ok
12	Q1531-03DL	VX045221.D	11 Mar 2025 14:00	JC/MD	Ok
13	Q1531-05DL	VX045222.D	11 Mar 2025 14:23	JC/MD	Ok
14	Q1531-11DL	VX045223.D	11 Mar 2025 14:46	JC/MD	Ok
15	Q1531-17DL	VX045224.D	11 Mar 2025 15:09	JC/MD	Ok
16	Q1531-07DL	VX045225.D	11 Mar 2025 15:33	JC/MD	Ok
17	Q1531-18	VX045226.D	11 Mar 2025 15:56	JC/MD	Ok
18	Q1531-21	VX045227.D	11 Mar 2025 16:19	JC/MD	Ok
19	Q1531-02	VX045228.D	11 Mar 2025 16:43	JC/MD	Ok
20	Q1541-01	VX045229.D	11 Mar 2025 17:06	JC/MD	Ok
21	Q1531-19	VX045230.D	11 Mar 2025 17:29	JC/MD	Dilution

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/12/2025 3:17:22 PM		
SubDirectory	VX031125	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133244
Initial Calibration Stds	
CCC	VP133245,VP133246
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q1531-20	VX045231.D	11 Mar 2025 17:52	JC/MD	ReRun
23	Q1531-12	VX045232.D	11 Mar 2025 18:16	JC/MD	Dilution
24	Q1531-15	VX045233.D	11 Mar 2025 18:39	JC/MD	Dilution
25	Q1531-06	VX045234.D	11 Mar 2025 19:02	JC/MD	Not Ok
26	Q1525-01	VX045235.D	11 Mar 2025 19:25	JC/MD	Ok,M
27	VSTDCCC050	VX045236.D	11 Mar 2025 19:49	JC/MD	Ok,M

M : Manual Integration

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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 # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/12/2025 3:17:22 PM		
SubDirectory	VX031125	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133244
Initial Calibration Stds	
CCC	VP133245,VP133246
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	VX045210.D	11 Mar 2025 09:30		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045211.D	11 Mar 2025 09:59	CCAL failed low for comp. #11	JC/MD	Ok,M
3	VX0311MBL01	VX0311MBL01	VX045212.D	11 Mar 2025 10:27		JC/MD	Ok
4	VX0311WBL01	VX0311WBL01	VX045213.D	11 Mar 2025 10:51		JC/MD	Ok
5	VX0311WBS01	VX0311WBS01	VX045214.D	11 Mar 2025 11:14		JC/MD	Ok,M
6	VX0311WBSD01	VX0311WBSD01	VX045215.D	11 Mar 2025 11:40		JC/MD	Ok,M
7	Q1502-01	PT-VOA-WP	VX045216.D	11 Mar 2025 12:03	PT-VOA-WP (8260)	JC/MD	Ok
8	IBLK	IBLK	VX045217.D	11 Mar 2025 12:27		JC/MD	Ok
9	Q1500-07DL	MW179D-20250305DL	VX045218.D	11 Mar 2025 12:50	vial B pH<2	JC/MD	Ok
10	Q1531-16DL	RE125D1-20250307DL	VX045219.D	11 Mar 2025 13:13	vial B pH<2	JC/MD	Ok
11	Q1500-04DL	MW178I1-20250305DL	VX045220.D	11 Mar 2025 13:36	vial B pH<2	JC/MD	Ok
12	Q1531-03DL	RE122D1-20250305DL	VX045221.D	11 Mar 2025 14:00	vial B pH<2	JC/MD	Ok
13	Q1531-05DL	RE126D2-20250306DL	VX045222.D	11 Mar 2025 14:23	vial B pH<2	JC/MD	Ok
14	Q1531-11DL	RE103D2-20250306DL	VX045223.D	11 Mar 2025 14:46	vial B pH<2	JC/MD	Ok
15	Q1531-17DL	RE125D2-20250307DL	VX045224.D	11 Mar 2025 15:09	vial B pH<2	JC/MD	Ok
16	Q1531-07DL	RE103D1-20250306DL	VX045225.D	11 Mar 2025 15:33	vial B pH<2	JC/MD	Ok
17	Q1531-18	FB01	VX045226.D	11 Mar 2025 15:56	vial A pH<2 FB	JC/MD	Ok
18	Q1531-21	TB	VX045227.D	11 Mar 2025 16:19	vial A pH<2 TB	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX031125

Review By	John Carlone	Review On	3/12/2025 10:04:41 AM		
Supervise By	Mahesh Dadoda	Supervise On	3/12/2025 3:17:22 PM		
SubDirectory	VX031125	HP Acquire Method		HP Processing Method	82X022825W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133244
Initial Calibration Stds	
CCC	VP133245,VP133246
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1531-02	RE122D3-20250305	VX045228.D	11 Mar 2025 16:43	vial B pH<2	JC/MD	Ok
20	Q1541-01	205703	VX045229.D	11 Mar 2025 17:06	vial A pH<2	JC/MD	Ok
21	Q1531-19	RE104D2-20250307	VX045230.D	11 Mar 2025 17:29	vial A pH<2 Need 10X	JC/MD	Dilution
22	Q1531-20	RE104D3-20250307	VX045231.D	11 Mar 2025 17:52	vial A pH<2 E flage in previous sample	JC/MD	ReRun
23	Q1531-12	RE108D2-20250306	VX045232.D	11 Mar 2025 18:16	vial A pH<2 Need 40X	JC/MD	Dilution
24	Q1531-15	RE105D2-20250306	VX045233.D	11 Mar 2025 18:39	vial A pH<2 Need 40X	JC/MD	Dilution
25	Q1531-06	DUP01-20250306	VX045234.D	11 Mar 2025 19:02	run straight	JC/MD	Not Ok
26	Q1525-01	MW10	VX045235.D	11 Mar 2025 19:25	vial B pH<2	JC/MD	Ok,M
27	VSTDCCC050	VSTDCCC050EC	VX045236.D	11 Mar 2025 19:49		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q1525	**OrderDate:**	3/7/2025 11:17:00 AM
Client:	G Environmental	**Project:**	DPW
Contact:	Gary Landis	**Location:**	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1525-01	**MW10**	**Water**			**03/06/25**			**03/07/25**
			VOCMS Group1	8260-Low			03/11/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1525 **Order ID:** Q1525

Client: G Environmental **Project ID:** DPW

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW10								
Q1525-01	MW10	Water	Iron	98200		18.5	50.0	ug/L
Q1525-01	MW10	Water	Manganese	24800	D	7.30	50.0	ug/L
Q1525-01	MW10	Water	Sodium	993000		237	1000	ug/L

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	03/06/25
Project:	DPW	Date Received:	03/07/25
Client Sample ID:	MW10	SDG No.:	Q1525
Lab Sample ID:	Q1525-01	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.
7439-89-6	Iron	98200		1	18.5	50.0	ug/L	03/10/25 08:55	03/13/25 16:08	SW6010	SW3010
7439-96-5	Manganese	24800	D	5	7.30	50.0	ug/L	03/10/25 08:55	03/13/25 17:59	SW6010	SW3010
7440-23-5	Sodium	993000		1	237	1000	ug/L	03/10/25 08:55	03/13/25 16:08	SW6010	SW3010

Color Before:	Light Brown	Clarity Before:	Cloudy	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group3				

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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Iron	100	+/-100	U	100	P	03/12/2025	11:01	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	11:01	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	11:01	LB135011

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Iron	100	+/-100	U	100	P	03/12/2025	11:34	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	11:34	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	11:34	LB135011
CCB02	Iron	100	+/-100	U	100	P	03/12/2025	12:24	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	12:24	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	12:24	LB135011
CCB03	Iron	100	+/-100	U	100	P	03/12/2025	13:14	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	13:14	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	13:14	LB135011
CCB04	Iron	100	+/-100	U	100	P	03/12/2025	14:28	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	14:28	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	14:28	LB135011
CCB05	Iron	100	+/-100	U	100	P	03/12/2025	15:29	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	15:29	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	15:29	LB135011
CCB06	Iron	100	+/-100	U	100	P	03/12/2025	16:30	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	16:30	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	16:30	LB135011
CCB07	Iron	100	+/-100	U	100	P	03/12/2025	17:30	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	17:30	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	17:30	LB135011
CCB08	Iron	100	+/-100	U	100	P	03/12/2025	18:27	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	18:27	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	18:27	LB135011
CCB09	Iron	100	+/-100	U	100	P	03/12/2025	18:53	LB135011
	Manganese	20.0	+/-20.0	U	20.0	P	03/12/2025	18:53	LB135011
	Sodium	2000	+/-2000	U	2000	P	03/12/2025	18:53	LB135011

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Iron	100	+/-100	U	100	P	03/13/2025	12:17	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	12:17	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	12:17	LB135035

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Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Iron	100	+/-100	U	100	P	03/13/2025	12:58	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	12:58	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	12:58	LB135035
CCB02	Iron	100	+/-100	U	100	P	03/13/2025	13:54	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	13:54	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	13:54	LB135035
CCB03	Iron	100	+/-100	U	100	P	03/13/2025	14:48	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	14:48	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	14:48	LB135035
CCB04	Iron	100	+/-100	U	100	P	03/13/2025	15:42	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	15:42	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	15:42	LB135035
CCB05	Iron	100	+/-100	U	100	P	03/13/2025	16:32	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	16:32	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	16:32	LB135035
CCB06	Iron	100	+/-100	U	100	P	03/13/2025	17:25	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	17:25	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	17:25	LB135035
CCB07	Iron	45.6	+/-100	J	100	P	03/13/2025	18:35	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	18:35	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	18:35	LB135035
CCB08	Iron	100	+/-100	U	100	P	03/13/2025	19:03	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	19:03	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	19:03	LB135035
CCB09	Iron	100	+/-100	U	100	P	03/13/2025	19:21	LB135035
	Manganese	20.0	+/-20.0	U	20.0	P	03/13/2025	19:21	LB135035
	Sodium	2000	+/-2000	U	2000	P	03/13/2025	19:21	LB135035

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Metals
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PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q1525

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB167038BL		**WATER**		**Batch Number:**	**PB167038**		**Prep Date:**	**03/10/2025**	
	Iron	50.0	<50.0	U	50.0	P	03/12/2025	11:55	LB135011
	Manganese	10.0	<10.0	U	10.0	P	03/12/2025	11:55	LB135011
	Sodium	1000	<1000	U	1000	P	03/12/2025	11:55	LB135011

METAL CALIBRATION DATA

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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	Iron	10400	10000	104	90 - 110	P	03/12/2025	10:52	LB135011
	Manganese	508	520	98	90 - 110	P	03/12/2025	10:52	LB135011
	Sodium	10300	10000	103	90 - 110	P	03/12/2025	10:52	LB135011

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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	Iron	114	100	114	80 - 120	P	03/12/2025	10:56	LB135011
	Manganese	19.5	20.0	98	80 - 120	P	03/12/2025	10:56	LB135011
	Sodium	2050	2000	102	80 - 120	P	03/12/2025	10:56	LB135011

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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	Iron	4790	5000	96	90 - 110	P	03/12/2025	11:29	LB135011
	Manganese	2350	2500	94	90 - 110	P	03/12/2025	11:29	LB135011
	Sodium	26200	25000	105	90 - 110	P	03/12/2025	11:29	LB135011
CCV02	Iron	4890	5000	98	90 - 110	P	03/12/2025	12:20	LB135011
	Manganese	2320	2500	93	90 - 110	P	03/12/2025	12:20	LB135011
	Sodium	26900	25000	107	90 - 110	P	03/12/2025	12:20	LB135011
CCV03	Iron	4740	5000	95	90 - 110	P	03/12/2025	13:10	LB135011
	Manganese	2340	2500	94	90 - 110	P	03/12/2025	13:10	LB135011
	Sodium	26200	25000	105	90 - 110	P	03/12/2025	13:10	LB135011
CCV04	Iron	4970	5000	100	90 - 110	P	03/12/2025	14:24	LB135011
	Manganese	2310	2500	92	90 - 110	P	03/12/2025	14:24	LB135011
	Sodium	26700	25000	107	90 - 110	P	03/12/2025	14:24	LB135011
CCV05	Iron	4840	5000	97	90 - 110	P	03/12/2025	15:25	LB135011
	Manganese	2270	2500	91	90 - 110	P	03/12/2025	15:25	LB135011
	Sodium	26000	25000	104	90 - 110	P	03/12/2025	15:25	LB135011
CCV06	Iron	4770	5000	96	90 - 110	P	03/12/2025	16:25	LB135011
	Manganese	2360	2500	94	90 - 110	P	03/12/2025	16:25	LB135011
	Sodium	25700	25000	103	90 - 110	P	03/12/2025	16:25	LB135011
CCV07	Iron	4870	5000	97	90 - 110	P	03/12/2025	17:25	LB135011
	Manganese	2250	2500	90	90 - 110	P	03/12/2025	17:25	LB135011
	Sodium	26900	25000	108	90 - 110	P	03/12/2025	17:25	LB135011
CCV08	Iron	4810	5000	96	90 - 110	P	03/12/2025	18:23	LB135011
	Manganese	2270	2500	91	90 - 110	P	03/12/2025	18:23	LB135011
	Sodium	25600	25000	102	90 - 110	P	03/12/2025	18:23	LB135011
CCV09	Iron	4960	5000	99	90 - 110	P	03/12/2025	18:49	LB135011
	Manganese	2270	2500	91	90 - 110	P	03/12/2025	18:49	LB135011
	Sodium	26300	25000	105	90 - 110	P	03/12/2025	18:49	LB135011

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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	Iron	9860	10000	99	90 - 110	P	03/13/2025	12:07	LB135035
	Manganese	542	520	104	90 - 110	P	03/13/2025	12:07	LB135035
	Sodium	10200	10000	102	90 - 110	P	03/13/2025	12:07	LB135035

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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	Iron	101	100	101	80 - 120	P	03/13/2025	12:13	LB135035
	Manganese	19.6	20.0	98	80 - 120	P	03/13/2025	12:13	LB135035
	Sodium	1740	2000	87	80 - 120	P	03/13/2025	12:13	LB135035

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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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	Iron	4890	5000	98	90 - 110	P	03/13/2025	12:53	LB135035
	Manganese	2530	2500	101	90 - 110	P	03/13/2025	12:53	LB135035
	Sodium	24000	25000	96	90 - 110	P	03/13/2025	12:53	LB135035
CCV02	Iron	5130	5000	103	90 - 110	P	03/13/2025	13:49	LB135035
	Manganese	2580	2500	103	90 - 110	P	03/13/2025	13:49	LB135035
	Sodium	25600	25000	102	90 - 110	P	03/13/2025	13:49	LB135035
CCV03	Iron	4990	5000	100	90 - 110	P	03/13/2025	14:40	LB135035
	Manganese	2490	2500	100	90 - 110	P	03/13/2025	14:40	LB135035
	Sodium	24700	25000	99	90 - 110	P	03/13/2025	14:40	LB135035
CCV04	Iron	4780	5000	96	90 - 110	P	03/13/2025	15:38	LB135035
	Manganese	2440	2500	98	90 - 110	P	03/13/2025	15:38	LB135035
	Sodium	22900	25000	92	90 - 110	P	03/13/2025	15:38	LB135035
CCV05	Iron	5120	5000	102	90 - 110	P	03/13/2025	16:28	LB135035
	Manganese	2530	2500	101	90 - 110	P	03/13/2025	16:28	LB135035
	Sodium	24700	25000	99	90 - 110	P	03/13/2025	16:28	LB135035
CCV06	Iron	5040	5000	101	90 - 110	P	03/13/2025	17:21	LB135035
	Manganese	2510	2500	100	90 - 110	P	03/13/2025	17:21	LB135035
	Sodium	24100	25000	96	90 - 110	P	03/13/2025	17:21	LB135035
CCV07	Iron	5150	5000	103	90 - 110	P	03/13/2025	18:12	LB135035
	Manganese	2540	2500	102	90 - 110	P	03/13/2025	18:12	LB135035
	Sodium	24700	25000	99	90 - 110	P	03/13/2025	18:12	LB135035
CCV08	Iron	4880	5000	98	90 - 110	P	03/13/2025	18:53	LB135035
	Manganese	2440	2500	98	90 - 110	P	03/13/2025	18:53	LB135035
	Sodium	23400	25000	94	90 - 110	P	03/13/2025	18:53	LB135035
CCV09	Iron	5230	5000	105	90 - 110	P	03/13/2025	19:12	LB135035
	Manganese	2450	2500	98	90 - 110	P	03/13/2025	19:12	LB135035
	Sodium	23500	25000	94	90 - 110	P	03/13/2025	19:12	LB135035

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Metals

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CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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	Iron	98.7	100	99	40 - 160	P	03/12/2025	11:05	LB135011
	Manganese	19.2	20.0	96	40 - 160	P	03/12/2025	11:05	LB135011
	Sodium	2100	2000	105	40 - 160	P	03/12/2025	11:05	LB135011
CRI01	Iron	110	100	110	40 - 160	P	03/13/2025	12:21	LB135035
	Manganese	20.6	20.0	103	40 - 160	P	03/13/2025	12:21	LB135035
	Sodium	1830	2000	91	40 - 160	P	03/13/2025	12:21	LB135035

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Metals
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INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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	Iron	104000	101000	103	85600	116500	03/12/2025	11:09	LB135011
	Manganese	2.80	7.0	40	-13	27	03/12/2025	11:09	LB135011
	Sodium	41.4			0	0	03/12/2025	11:09	LB135011
ICSAB01	Iron	102000	99300	103	84400	114500	03/12/2025	11:14	LB135011
	Manganese	451	507	89	430	584	03/12/2025	11:14	LB135011
	Sodium	43.6			0	0	03/12/2025	11:14	LB135011
ICSA01	Iron	103000	101000	102	85600	116500	03/13/2025	12:25	LB135035
	Manganese	3.77	7.0	54	-13	27	03/13/2025	12:25	LB135035
	Sodium	81.3			0	0	03/13/2025	12:25	LB135035
ICSAB01	Iron	100000	99300	101	84400	114500	03/13/2025	12:30	LB135035
	Manganese	476	507	94	430	584	03/13/2025	12:30	LB135035
	Sodium	93.6			0	0	03/13/2025	12:30	LB135035

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1525

contract: GENV01 **lab code:** CHEM **case no.:** Q1525 **sas no.:** Q1525

matrix: Water **sample id:** Q1522-02 **client id:** TW-WTS-04MS

Percent Solids for Sample: NA **Spiked ID:** Q1522-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	1510		120		1500	93		P
Manganese	ug/L	75 - 125	160		54.9		100	105		P
Sodium	ug/L	75 - 125	72800		76300		1500	-232		P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q1525

contract: GENV01 **lab code:** CHEM **case no.:** Q1525 **sas no.:** Q1525

matrix: Water **sample id:** Q1522-02 **client id:** TW-WTS-04MSD

Percent Solids for Sample: NA **Spiked ID:** Q1522-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	1570		120		1500	97		P
Manganese	ug/L	75 - 125	158		54.9		100	103		P
Sodium	ug/L	75 - 125	77600		76300		1500	87		P

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Metals
- 5b -

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

Matrix: **Level:** LOW **Client ID:**

Sample ID: **Spiked ID:**

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M

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Metals

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DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

Matrix: Water **Sample ID:** Q1522-02 **Client ID:** TW-WTS-04DUP

Percent Solids for Sample: NA **Duplicate ID** Q1522-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	120		135		12		P
Manganese	ug/L	20	54.9		54.4		1		P
Sodium	ug/L	20	76300		76900		1		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.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

Matrix: Water **Sample ID:** Q1522-02MS **Client ID:** TW-WTS-04MSD

Percent Solids for Sample: NA **Duplicate ID** Q1522-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	1510		1570		4		P
Manganese	ug/L	20	160		158		1		P
Sodium	ug/L	20	72800		77600		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.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB167038BS							
Iron	ug/L	1500	1450		97	80 - 120	P
Manganese	ug/L	100	92.4		92	80 - 120	P
Sodium	ug/L	1500	1520		101	80 - 120	P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

TW-WTS-04L

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

Lab Code: CHEM **Lb No.:** lb135011 **Lab Sample ID :** Q1522-02L **SDG No.:** Q1525

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
Iron	120		126	J	5		P
Manganese	54.9		57.9		5		P
Sodium	76300		70700		7		P

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1525 **Sas no.:** Q1525 **Sdg no.:** Q1525

Instrument id number: **Method:** **Run number:** LB135011

Start date: 03/12/2025 **End date:** 03/12/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1027	Fe,Mn,Na
S1	S1	1	1031	Fe,Mn,Na
S2	S2	1	1035	Fe,Mn,Na
S3	S3	1	1039	Fe,Mn,Na
S4	S4	1	1044	Fe,Mn,Na
S5	S5	1	1048	Fe,Mn,Na
ICV01	ICV01	1	1052	Fe,Mn,Na
LLICV01	LLICV01	1	1056	Fe,Mn,Na
ICB01	ICB01	1	1101	Fe,Mn,Na
CRI01	CRI01	1	1105	Fe,Mn,Na
ICSA01	ICSA01	1	1109	Fe,Mn,Na
ICSAB01	ICSAB01	1	1114	Fe,Mn,Na
CCV01	CCV01	1	1129	Fe,Mn,Na
CCB01	CCB01	1	1134	Fe,Mn,Na
PB167038BL	PB167038BL	1	1155	Fe,Mn,Na
PB167038BS	PB167038BS	1	1159	Fe,Mn,Na
CCV02	CCV02	1	1220	Fe,Mn,Na
CCB02	CCB02	1	1224	Fe,Mn,Na
CCV03	CCV03	1	1310	Fe,Mn,Na
CCB03	CCB03	1	1314	Fe,Mn,Na
CCV04	CCV04	1	1424	Fe,Mn,Na
CCB04	CCB04	1	1428	Fe,Mn,Na
CCV05	CCV05	1	1525	Fe,Mn,Na
CCB05	CCB05	1	1529	Fe,Mn,Na
CCV06	CCV06	1	1625	Fe,Mn,Na
CCB06	CCB06	1	1630	Fe,Mn,Na
Q1522-02DUP	TW-WTS-04DUP	1	1711	Fe,Mn,Na
Q1522-02L	TW-WTS-04L	5	1716	Fe,Mn,Na
CCV07	CCV07	1	1725	Fe,Mn,Na
CCB07	CCB07	1	1730	Fe,Mn,Na
Q1522-02MS	TW-WTS-04MS	1	1735	Fe,Mn,Na
Q1522-02MSD	TW-WTS-04MSD	1	1739	Fe,Mn,Na
CCV08	CCV08	1	1823	Fe,Mn,Na
CCB08	CCB08	1	1827	Fe,Mn,Na
CCV09	CCV09	1	1849	Fe,Mn,Na
CCB09	CCB09	1	1853	Fe,Mn,Na

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metals
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ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q1525 **Sas no.:** Q1525 **Sdg no.:** Q1525

Instrument id number: **Method:** **Run number:** LB135035

Start date: 03/13/2025 **End date:** 03/13/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1142	Fe,Mn,Na
S1	S1	1	1146	Fe,Mn,Na
S2	S2	1	1150	Fe,Mn,Na
S3	S3	1	1154	Fe,Mn,Na
S4	S4	1	1159	Fe,Mn,Na
S5	S5	1	1203	Fe,Mn,Na
ICV01	ICV01	1	1207	Fe,Mn,Na
LLICV01	LLICV01	1	1213	Fe,Mn,Na
ICB01	ICB01	1	1217	Fe,Mn,Na
CRI01	CRI01	1	1221	Fe,Mn,Na
ICSA01	ICSA01	1	1225	Fe,Mn,Na
ICSAB01	ICSAB01	1	1230	Fe,Mn,Na
CCV01	CCV01	1	1253	Fe,Mn,Na
CCB01	CCB01	1	1258	Fe,Mn,Na
CCV02	CCV02	1	1349	Fe,Mn,Na
CCB02	CCB02	1	1354	Fe,Mn,Na
CCV03	CCV03	1	1440	Fe,Mn,Na
CCB03	CCB03	1	1448	Fe,Mn,Na
CCV04	CCV04	1	1538	Fe,Mn,Na
CCB04	CCB04	1	1542	Fe,Mn,Na
Q1525-01	MW10	1	1608	Fe,Na
CCV05	CCV05	1	1628	Fe,Mn,Na
CCB05	CCB05	1	1632	Fe,Mn,Na
CCV06	CCV06	1	1721	Fe,Mn,Na
CCB06	CCB06	1	1725	Fe,Mn,Na
Q1525-01	MW10	5	1759	Mn
CCV07	CCV07	1	1812	Fe,Mn,Na
CCB07	CCB07	1	1835	Fe,Mn,Na
CCV08	CCV08	1	1853	Fe,Mn,Na
CCB08	CCB08	1	1903	Fe,Mn,Na
CCV09	CCV09	1	1912	Fe,Mn,Na
CCB09	CCB09	1	1921	Fe,Mn,Na

METAL PREPARATION & INSTRUMENT DATA

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Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	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.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	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.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	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.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q1525

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q1525 **SAS No.:** Q1525

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
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

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LAB CHRONICLE

OrderID:	Q1525	**OrderDate:**	3/7/2025 11:17:00 AM
Client:	G Environmental	**Project:**	DPW
Contact:	Gary Landis	**Location:**	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1525-01	**MW10**	**Water**			**03/06/25**			**03/07/25**
			Metals Group3	6010D		03/10/25	03/13/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q1525

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

Case No.: Q1525 **SAS No.:** Q1525

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB167038**						
PB167038BL	PB167038BL	MB	WATER	03/10/2025	50.0	25.0	
PB167038BS	PB167038BS	LCS	WATER	03/10/2025	50.0	25.0	
Q1522-02DUP	TW-WTS-04DUP	DUP	WATER	03/10/2025	50.0	25.0	
Q1522-02MS	TW-WTS-04MS	MS	WATER	03/10/2025	50.0	25.0	
Q1522-02MSD	TW-WTS-04MSD	MSD	WATER	03/10/2025	50.0	25.0	
Q1525-01	MW10	SAM	WATER	03/10/2025	50.0	25.0	

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM

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	03/12/25 10:27		Kareem	OK
2	S1	S1	CAL2	03/12/25 10:31		Kareem	OK
3	S2	S2	CAL3	03/12/25 10:35		Kareem	OK
4	S3	S3	CAL4	03/12/25 10:39		Kareem	OK
5	S4	S4	CAL5	03/12/25 10:44		Kareem	OK
6	S5	S5	CAL6	03/12/25 10:48		Kareem	OK
7	ICV01	ICV01	ICV	03/12/25 10:52	ICV As,Be,Tl,Zn (200.7)	Kareem	OK
8	LLICV01	LLICV01	LLICV	03/12/25 10:56		Kareem	OK
9	ICB01	ICB01	ICB	03/12/25 11:01		Kareem	OK
10	CRI01	CRI01	CRDL	03/12/25 11:05		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/12/25 11:09		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/12/25 11:14		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/12/25 11:21		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/12/25 11:25		Kareem	OK
15	CCV01	CCV01	CCV	03/12/25 11:29		Kareem	OK
16	CCB01	CCB01	CCB	03/12/25 11:34		Kareem	OK
17	PB167037BL	PB167037BL	MB	03/12/25 11:38		Kareem	OK
18	PB167037BS	PB167037BS	LCS	03/12/25 11:42	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK

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Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM

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	PB166981BL	PB166981BL	MB	03/12/25 11:46		Kareem	OK
20	PB166981BS	PB166981BS	LCS	03/12/25 11:51	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
21	PB167038BL	PB167038BL	MB	03/12/25 11:55		Kareem	OK
22	PB167038BS	PB167038BS	LCS	03/12/25 11:59	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
23	PB167024BL	PB167024BL	MB	03/12/25 12:03		Kareem	OK
24	PB167024BS	PB167024BS	LCS	03/12/25 12:07	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
25	PB167100BL	PB167100BL	MB	03/12/25 12:11		Kareem	OK
26	PB167100BS	PB167100BS	LCS	03/12/25 12:16	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
27	CCV02	CCV02	CCV	03/12/25 12:20		Kareem	OK
28	CCB02	CCB02	CCB	03/12/25 12:24		Kareem	OK
29	PB166977BL	PB166977BL	MB	03/12/25 12:28		Kareem	OK
30	PB166977BS	PB166977BS	LCS	03/12/25 12:33	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
31	PB166963BL	PB166963BL	MB	03/12/25 12:37	Ba fail LCS	Kareem	Not Ok
32	PB166963BS	PB166963BS	LCS	03/12/25 12:41	Ba fail LCS	Kareem	Not Ok
33	Q1466-05	CITY WATER	SAM	03/12/25 12:49		Kareem	OK
34	Q1466-05DUP	CITY WATERDUP	DUP	03/12/25 12:53		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM

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	Q1466-05L	CITY WATERL	SD	03/12/25 12:58		Kareem	OK
36	Q1466-05MS	CITY WATERMS	MS	03/12/25 13:02	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
37	Q1466-05MSD	CITY WATERMSD	MSD	03/12/25 13:06	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
38	CCV03	CCV03	CCV	03/12/25 13:10		Kareem	OK
39	CCB03	CCB03	CCB	03/12/25 13:14		Kareem	OK
40	Q1466-05A	CITY WATERA	PS	03/12/25 13:18	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
41	Q1507-01	50-MIDDLESEX-AVE	SAM	03/12/25 13:22		Kareem	OK
42	Q1508-01	RBR251372	SAM	03/12/25 13:27		Kareem	OK
43	Q1510-01	FMC-25-0001-0005	SAM	03/12/25 13:31		Kareem	OK
44	PB167098BL	PB167098BL	MB	03/12/25 13:59		Kareem	OK
45	PB167098BS	PB167098BS	LCS	03/12/25 14:03	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
46	PB167099BL	PB167099BL	MB	03/12/25 14:07		Kareem	OK
47	PB167099BS	PB167099BS	LCS	03/12/25 14:12	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
48	Q1515-01	AU-06-030625	SAM	03/12/25 14:16		Kareem	OK
49	Q1515-01DUP	AU-06-030625DUP	DUP	03/12/25 14:20		Kareem	OK
50	CCV04	CCV04	CCV	03/12/25 14:24		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM

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

51	CCB04	CCB04	CCB	03/12/25 14:28		Kareem	OK
52	Q1540-01	OU4-CF-15R-031025	SAM	03/12/25 14:32		Kareem	OK
53	Q1540-01DUP	OU4-CF-15R-031025	DUP	03/12/25 14:37		Kareem	OK
54	Q1540-01L	OU4-CF-15R-031025	SD	03/12/25 14:41		Kareem	OK
55	Q1540-01A	OU4-CF-15R-031025	PS	03/12/25 14:58	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
56	PB167088TB	PB167088TB	MB	03/12/25 15:02		Kareem	OK
57	Q1545-01	BU-02-031125	SAM	03/12/25 15:06		Kareem	OK
58	Q1545-01DUP	BU-02-031125DUP	DUP	03/12/25 15:11		Kareem	OK
59	Q1545-01L	BU-02-031125L	SD	03/12/25 15:15		Kareem	OK
60	CCV05	CCV05	CCV	03/12/25 15:25		Kareem	OK
61	CCB05	CCB05	CCB	03/12/25 15:29		Kareem	OK
62	Q1545-01MS	BU-02-031125MS	MS	03/12/25 15:33	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
63	Q1545-01MSD	BU-02-031125MSD	MSD	03/12/25 15:37	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
64	Q1545-01A	BU-02-031125A	PS	03/12/25 15:41	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
65	Q1547-01	OR-620-JB-COMP-01	SAM	03/12/25 15:45		Kareem	OK
66	Q1547-06	OR-620-JB-COMP-02	SAM	03/12/25 15:49		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 # LB135011

Review By	kareem	Review On	3/13/2025 10:36:08 AM
Supervise By	jaswal	Supervise On	3/14/2025 1:32:25 PM

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	Q1549-01	72-11978	SAM	03/12/25 15:54		Kareem	OK
68	Q1515-01L	AU-06-030625L	SD	03/12/25 15:58		Kareem	OK
69	Q1515-01MS	AU-06-030625MS	MS	03/12/25 16:02	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
70	Q1515-01MSD	AU-06-030625MSD	MSD	03/12/25 16:06	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
71	Q1515-01A	AU-06-030625A	PS	03/12/25 16:10	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
72	CCV06	CCV06	CCV	03/12/25 16:25		Kareem	OK
73	CCB06	CCB06	CCB	03/12/25 16:30		Kareem	OK
74	Q1540-01MS	OU4-CF-15R-031025I	MS	03/12/25 16:34	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
75	Q1540-01MSD	OU4-CF-15R-031025I	MSD	03/12/25 16:38	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
76	Q1516-03	GAS-AUD-25-0026	SAM	03/12/25 16:42		Kareem	OK
77	Q1519-01	WATER TREATMENT	SAM	03/12/25 16:47		Kareem	OK
78	LR1	LR1	HIGH STD	03/12/25 16:53		Kareem	OK
79	LR2	LR2	HIGH STD	03/12/25 16:58		Kareem	OK
80	Q1517-01DL	MOO-25-0062DL	SAM	03/12/25 17:02		Kareem	OK
81	Q1522-02	TW-WTS-04	SAM	03/12/25 17:07		Kareem	OK
82	Q1522-02DUP	TW-WTS-04DUP	DUP	03/12/25 17:11		Kareem	OK

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

83	Q1522-02L	TW-WTS-04L	SD	03/12/25 17:16		Kareem	OK
84	CCV07	CCV07	CCV	03/12/25 17:25		Kareem	OK
85	CCB07	CCB07	CCB	03/12/25 17:30		Kareem	OK
86	Q1522-02MS	TW-WTS-04MS	MS	03/12/25 17:35	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
87	Q1522-02MSD	TW-WTS-04MSD	MSD	03/12/25 17:39	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
88	Q1522-02A	TW-WTS-04A	PS	03/12/25 17:43	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
89	Q1478-07	IDW-AQ-IW-03-COMP	SAM	03/12/25 17:47		Kareem	OK
90	Q1478-07DUP	IDW-AQ-IW-03-COMP	DUP	03/12/25 17:52		Kareem	OK
91	Q1478-07L	IDW-AQ-IW-03-COMP	SD	03/12/25 17:56		Kareem	OK
92	Q1478-07MS	IDW-AQ-IW-03-COMP	MS	03/12/25 18:00	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
93	Q1478-07MSD	IDW-AQ-IW-03-COMP	MSD	03/12/25 18:05	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
94	Q1478-07A	IDW-AQ-IW-03-COMP	PS	03/12/25 18:09	0.1 ML OF M6004 AND M6013 WERE ADDED TO 10 ML OF SAMPLE	Kareem	OK
95	Q1478-01	IDW-AQ-MW-19B-CO	SAM	03/12/25 18:13		Kareem	OK
96	CCV08	CCV08	CCV	03/12/25 18:23		Kareem	OK
97	CCB08	CCB08	CCB	03/12/25 18:27		Kareem	OK

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

98	Q1478-03	IDW-AQ-IW-01-COMP	SAM	03/12/25 18:31		Kareem	OK
99	Q1478-05	IDW-AQ-IW-02-COMP	SAM	03/12/25 18:36		Kareem	OK
100	Q1477-01	RW7-SP100-2025022	SAM	03/12/25 18:40		Kareem	OK
101	Q1477-04	RW7-SP303-2025022	SAM	03/12/25 18:44		Kareem	OK
102	CCV09	CCV09	CCV	03/12/25 18:49		Kareem	OK
103	CCB09	CCB09	CCB	03/12/25 18:53		Kareem	OK

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Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB135035

Review By	jaswal	Review On	3/14/2025 1:24:23 PM
Supervise By	Mohan	Supervise On	3/14/2025 1:33:41 PM

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

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	03/13/25 11:42		Kareem	OK
2	S1	S1	CAL2	03/13/25 11:46		Kareem	OK
3	S2	S2	CAL3	03/13/25 11:50		Kareem	OK
4	S3	S3	CAL4	03/13/25 11:54		Kareem	OK
5	S4	S4	CAL5	03/13/25 11:59		Kareem	OK
6	S5	S5	CAL6	03/13/25 12:03		Kareem	OK
7	ICV01	ICV01	ICV	03/13/25 12:07		Kareem	OK
8	LLICV01	LLICV01	LLICV	03/13/25 12:13		Kareem	OK
9	ICB01	ICB01	ICB	03/13/25 12:17		Kareem	OK
10	CRI01	CRI01	CRDL	03/13/25 12:21		Kareem	OK
11	ICSA01	ICSA01	ICSA	03/13/25 12:25		Kareem	OK
12	ICSAB01	ICSAB01	ICSAB	03/13/25 12:30		Kareem	OK
13	ICSADL	ICSADL	ICSA	03/13/25 12:34		Kareem	OK
14	ICSABDL	ICSABDL	ICSAB	03/13/25 12:38		Kareem	OK
15	CCV01	CCV01	CCV	03/13/25 12:53		Kareem	OK
16	CCB01	CCB01	CCB	03/13/25 12:58		Kareem	OK
17	PB166963BL	PB166963BL	MB	03/13/25 13:02		Kareem	OK
18	PB166963BS	PB166963BS	LCS	03/13/25 13:06		Kareem	OK

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Supervise By	Mohan	Supervise On	3/14/2025 1:33:41 PM

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

19	PB167116BL	PB167116BL	MB	03/13/25 13:10		Kareem	OK
20	PB167116BS	PB167116BS	LCS	03/13/25 13:15		Kareem	OK
21	Q1485-01	DN-B-41	SAM	03/13/25 13:19		Kareem	OK
22	Q1486-01	DN-B-40	SAM	03/13/25 13:23		Kareem	OK
23	Q1487-01	DN-B-42	SAM	03/13/25 13:27		Kareem	OK
24	Q1488-04	ENV-101-SB02	SAM	03/13/25 13:31		Kareem	OK
25	Q1488-06	ENV-102-SB01	SAM	03/13/25 13:35		Kareem	OK
26	Q1488-08	ENV-102-SB02	SAM	03/13/25 13:40		Kareem	OK
27	CCV02	CCV02	CCV	03/13/25 13:49		Kareem	OK
28	CCB02	CCB02	CCB	03/13/25 13:54		Kareem	OK
29	Q1488-10	ENV-104-SB01	SAM	03/13/25 13:58		Kareem	OK
30	Q1488-12	ENV-104-SB02	SAM	03/13/25 14:02		Kareem	OK
31	Q1488-14	ENV-104-GW01	SAM	03/13/25 14:07		Kareem	OK
32	Q1488-01	ENV-101-SB01	SAM	03/13/25 14:11		Kareem	OK
33	Q1488-03	ENV-101-SB02	SAM	03/13/25 14:15		Kareem	OK
34	Q1488-05	ENV-102-SB01	SAM	03/13/25 14:19		Kareem	OK
35	Q1488-07	ENV-102-SB02	SAM	03/13/25 14:23		Kareem	OK
36	Q1488-09	ENV-104-SB01	SAM	03/13/25 14:27		Kareem	OK
37	Q1488-11	ENV-104-SB02	SAM	03/13/25 14:31		Kareem	OK
38	Q1491-02	COMP	SAM	03/13/25 14:35		Kareem	OK

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ICV Standard	MP84643
CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84640
LCS Standard	
Chk Standard	MP84649,MP84650

39	CCV03	CCV03	CCV	03/13/25 14:40		Kareem	OK
40	CCB03	CCB03	CCB	03/13/25 14:48		Kareem	OK
41	Q1495-01	001-WILLETS-PT-BL	SAM	03/13/25 14:53		Kareem	OK
42	Q1495-02	002-35TH-AVE(MAR)	SAM	03/13/25 14:57		Kareem	OK
43	Q1514-02	ENV-105-SB01	SAM	03/13/25 15:01		Kareem	OK
44	Q1514-04	ENV-105-SB02	SAM	03/13/25 15:06		Kareem	OK
45	Q1514-06	ENV-103-SB01	SAM	03/13/25 15:10		Kareem	OK
46	Q1514-06DUP	ENV-103-SB01DUP	DUP	03/13/25 15:15		Kareem	OK
47	Q1514-06L	ENV-103-SB01L	SD	03/13/25 15:19		Kareem	OK
48	Q1514-06MS	ENV-103-SB01MS	MS	03/13/25 15:23		Kareem	OK
49	Q1514-06MSD	ENV-103-SB01MSD	MSD	03/13/25 15:28		Kareem	OK
50	Q1514-06A	ENV-103-SB01A	PS	03/13/25 15:34		Kareem	OK
51	CCV04	CCV04	CCV	03/13/25 15:38		Kareem	OK
52	CCB04	CCB04	CCB	03/13/25 15:42		Kareem	OK
53	Q1514-08	ENV-103-GW01	SAM	03/13/25 15:46		Kareem	OK
54	Q1514-09	FB03062025	SAM	03/13/25 15:51		Kareem	OK
55	Q1514-01	ENV-105-SB01	SAM	03/13/25 15:55		Kareem	OK
56	Q1514-03	ENV-105-SB02	SAM	03/13/25 15:59		Kareem	OK
57	Q1514-05	ENV-103-SB01	SAM	03/13/25 16:03		Kareem	OK
58	Q1525-01	MW10	SAM	03/13/25 16:08	Mn high	Kareem	Dilution

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CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84640
LCS Standard	
Chk Standard	MP84649,MP84650

59	Q1552-01	NB-418-JB-COMP-01	SAM	03/13/25 16:12		Kareem	OK
60	Q1553-01	RT2321	SAM	03/13/25 16:16		Kareem	OK
61	Q1556-01	OR-02-031225	SAM	03/13/25 16:20	MS,MSD fail for many parameters	Kareem	Not Ok
62	Q1556-01DUP	OR-02-031225DUP	DUP	03/13/25 16:24	MS,MSD fail for many parameters	Kareem	Not Ok
63	CCV05	CCV05	CCV	03/13/25 16:28		Kareem	OK
64	CCB05	CCB05	CCB	03/13/25 16:32		Kareem	OK
65	Q1556-01L	OR-02-031225L	SD	03/13/25 16:37	MS,MSD fail for many parameters	Kareem	Not Ok
66	Q1556-01MS	OR-02-031225MS	MS	03/13/25 16:41	Fail for many parameters	Kareem	Not Ok
67	Q1556-01MSD	OR-02-031225MSD	MSD	03/13/25 16:45	Fail for many parameters	Kareem	Not Ok
68	Q1556-01A	OR-02-031225A	PS	03/13/25 16:49	MS,MSD fail for many parameters	Kareem	Not Ok
69	LR1	LR1	HIGH STD	03/13/25 16:53		Kareem	OK
70	LR2	LR2	HIGH STD	03/13/25 16:58		Kareem	OK
71	PB167103TB	PB167103TB	MB	03/13/25 17:04		Kareem	OK
72	Q1547-05	OR-620-JB-COMP-01	SAM	03/13/25 17:08		Kareem	OK
73	Q1547-05DUP	OR-620-JB-COMP-01	DUP	03/13/25 17:13		Kareem	OK
74	Q1547-05L	OR-620-JB-COMP-01	SD	03/13/25 17:17		Kareem	OK
75	CCV06	CCV06	CCV	03/13/25 17:21		Kareem	OK
76	CCB06	CCB06	CCB	03/13/25 17:25		Kareem	OK
77	Q1547-05MS	OR-620-JB-COMP-01	MS	03/13/25 17:30		Kareem	OK

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CCV Standard	MP84646
ICSA Standard	MP84644,MP84721
CRI Standard	MP84640
LCS Standard	
Chk Standard	MP84649,MP84650

78	Q1547-05MSD	OR-620-JB-COMP-01	MSD	03/13/25 17:34		Kareem	OK
79	Q1547-05A	OR-620-JB-COMP-01	PS	03/13/25 17:38		Kareem	OK
80	Q1547-10	OR-620-JB-COMP-02	SAM	03/13/25 17:42		Kareem	OK
81	Q1552-05	NB-418-JB-COMP-01	SAM	03/13/25 17:47		Kareem	OK
82	PB167117BL	PB167117BL	MB	03/13/25 17:51		Kareem	OK
83	PB167117BS	PB167117BS	LCS	03/13/25 17:55		Kareem	OK
84	Q1525-01DL	MW10DL	SAM	03/13/25 17:59	5X for Mn	Kareem	Confirms
85	Q1488-13DL	ENV-102-GW01DL	SAM	03/13/25 18:04	10X for Ag	Kareem	Confirms
86	Q1514-07DL	ENV-105-GW01DL	SAM	03/13/25 18:08	10X for Ca,Ag,Fe	Kareem	Confirms
87	CCV07	CCV07	CCV	03/13/25 18:12		Kareem	OK
88	CCB07	CCB07	CCB	03/13/25 18:35		Kareem	OK
89	Q1488-13	ENV-102-GW01	SAM	03/13/25 18:39	Ag oversaturated	Kareem	Dilution
90	Q1514-07	ENV-105-GW01	SAM	03/13/25 18:44	Ag oversaturated,Ca,Fe high	Kareem	Dilution
91	Q1488-13REDL	ENV-102-GW01RE	SAM	03/13/25 18:49	Not used	Kareem	Not Ok
92	CCV08	CCV08	CCV	03/13/25 18:53		Kareem	OK
93	CCB08	CCB08	CCB	03/13/25 19:03		Kareem	OK
94	Q1528-02	22725	SAM	03/13/25 19:07		Kareem	OK
95	CCV09	CCV09	CCV	03/13/25 19:12		Kareem	OK
96	CCB09	CCB09	CCB	03/13/25 19:21		Kareem	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167038

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: 03/10/2025 **Time :** 08:55 **Temp :** 96 °C

End Digest Date: 03/10/2025 **Time :** 12:05 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature:

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	M6011
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6126
1:1 HCL	5.00	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
03/10/25 13:05	SPD. met-dig.	
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB167038

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB167038BL	PBW038	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB167038BS	LCS038	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6011	2
Q1514-07	ENV-105-GW01	<2	50	25	Brown	Brown	Cloudy	Clear	N/A	3
Q1514-08	ENV-103-GW01	<2	50	25	Brown	Brown	Cloudy	Clear	N/A	4
Q1514-09	FB03062025	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q1516-03	GAS-AUD-25-0026	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q1517-01	MOO-25-0062	<2	50	25	Pink	Pink	Clear	Clear	N/A	7
Q1519-01	WATER TREATMENT DISCHARGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	8
Q1522-02	TW-WTS-04	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	9
Q1522-02MS	TW-WTS-04MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6011	11
Q1522-02MSD	TW-WTS-04MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6003,M6011	12
Q1522-02DUP	TW-WTS-04DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	10
Q1525-01	MW10	<2	50	25	Light Brown	Colorless	Cloudy	Clear	N/A	13

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	03/06/25 12:25
Project:	DPW	Date Received:	03/07/25
Client Sample ID:	MW10	SDG No.:	Q1525
Lab Sample ID:	Q1525-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	154		1	1.00	2.00	mg/L		03/18/25 09:45	SM 2320 B-11
Nitrate	0.095	J	1	0.0034	0.50	mg/L		03/07/25 12:16	300.0
Sulfate	7.10		1	0.032	3.00	mg/L		03/07/25 12:16	300.0

Comments: The alkalinity to pH 4.46=154 mg CaCO3/L

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

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

QC RESULT SUMMARY

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

Client: G Environmental **SDG No.:** Q1525

Project: DPW **RunNo.:** LB134959

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: **ICV1**						
Bromide	mg/L	10.2	10	102	90-110	02/21/2025
Chloride	mg/L	3	3	100	90-110	02/21/2025
Fluoride	mg/L	2	2	100	90-110	02/21/2025
Nitrite	mg/L	3	3	100	90-110	02/21/2025
Nitrate	mg/L	2.5	2.5	100	90-110	02/21/2025
Sulfate	mg/L	15.1	15	101	90-110	02/21/2025
Orthophosphate as P	mg/L	5.1	5	102	90-110	02/21/2025
Sample ID: **CCV1**						
Bromide	mg/L	10.3	10	103	90-110	03/07/2025
Chloride	mg/L	3	3	100	90-110	03/07/2025
Fluoride	mg/L	2	2	100	90-110	03/07/2025
Nitrite	mg/L	3	3	100	90-110	03/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	03/07/2025
Sulfate	mg/L	15.2	15	101	90-110	03/07/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	03/07/2025
Sample ID: **CCV2**						
Bromide	mg/L	10.3	10	103	90-110	03/07/2025
Chloride	mg/L	3.1	3	103	90-110	03/07/2025
Fluoride	mg/L	2	2	100	90-110	03/07/2025
Nitrite	mg/L	3.1	3	103	90-110	03/07/2025
Nitrate	mg/L	2.6	2.5	104	90-110	03/07/2025
Sulfate	mg/L	15.1	15	101	90-110	03/07/2025
Orthophosphate as P	mg/L	5	5	100	90-110	03/07/2025

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Initial and Continuing Calibration Verification

Client:	G Environmental	**SDG No.:**	Q1525
Project:	DPW	**RunNo.:**	LB134959

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

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Initial and Continuing Calibration Blank Summary

Client: G Environmental **SDG No.:** Q1525

Project: DPW **RunNo.:** LB134959

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	02/21/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	02/21/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	02/21/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	02/21/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	02/21/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	02/21/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	02/21/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	03/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	03/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	03/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	03/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	03/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	03/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	03/07/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	03/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	03/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	03/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	03/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	03/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	03/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	03/07/2025

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Initial and Continuing Calibration Blank Summary

Client:	G Environmental	**SDG No.:**	Q1525
Project:	DPW	**RunNo.:**	LB134959

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date

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Preparation Blank Summary

Client: G Environmental **SDG No.:** Q1525

Project: DPW

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB134959BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.034	2	03/07/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.011	0.6	03/07/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.057	0.4	03/07/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.011	0.6	03/07/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.0034	0.5	03/07/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.032	3	03/07/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.079	1	03/07/2025
Sample ID: LB135065BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	03/18/2025

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Matrix Spike Summary

Client: G Environmental
SDG No.: Q1525
Project: DPW
Sample ID: Q1522-02
Client ID: TW-WTS-04MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.2		0.60	J	10	1	96		03/07/2025
Chloride	mg/L	80-120	82.7	OR	83.1	OR	3	1	-13	*	03/07/2025
Fluoride	mg/L	80-120	3.20		1.30		2	1	95		03/07/2025
Nitrite	mg/L	80-120	11.2	OR	8.50	OR	3	1	90		03/07/2025
Nitrate	mg/L	80-120	14.6	OR	12.3	OR	2.5	1	92		03/07/2025
Sulfate	mg/L	80-120	375	OR	374	OR	15	1	7	*	03/07/2025
Orthophosphate as P	mg/L	80-120	5.20		0.079	U	5	1	104		03/07/2025

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Matrix Spike Summary

Client: G Environmental
Project: DPW
Client ID: TW-WTS-04MSD

SDG No.: Q1525
Sample ID: Q1522-02
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.8		0.60	J	10	1	102		03/07/2025
Chloride	mg/L	80-120	82.7	OR	83.1	OR	3	1	-13	*	03/07/2025
Fluoride	mg/L	80-120	3.30		1.30		2	1	100		03/07/2025
Nitrite	mg/L	80-120	11.4	OR	8.50	OR	3	1	97		03/07/2025
Nitrate	mg/L	80-120	14.7	OR	12.3	OR	2.5	1	96		03/07/2025
Sulfate	mg/L	80-120	375	OR	374	OR	15	1	7	*	03/07/2025
Orthophosphate as P	mg/L	80-120	5.20		0.079	U	5	1	104		03/07/2025

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Duplicate Sample Summary

Client: G Environmental
Project: DPW
Client ID: TW-WTS-04MSD

SDG No.: Q1525
Sample ID: Q1522-02
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Orthophosphate as P	mg/L	+/-20	5.20		5.20		1	0		03/07/2025
Chloride	mg/L	+/-20	82.7	OR	82.7	OR	1	0		03/07/2025
Sulfate	mg/L	+/-20	375	OR	375	OR	1	0		03/07/2025
Nitrate	mg/L	+/-20	14.6	OR	14.7	OR	1	1		03/07/2025
Nitrite	mg/L	+/-20	11.2	OR	11.4	OR	1	2		03/07/2025
Fluoride	mg/L	+/-20	3.20		3.30		1	3		03/07/2025
Bromide	mg/L	+/-20	10.2		10.8		1	6		03/07/2025

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Duplicate Sample Summary

Client: G Environmental
Project: DPW
Client ID: MW10DUP

SDG No.: Q1525
Sample ID: Q1525-01
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Alkalinity	mg/L	+/-20	154		154		1	0		03/18/2025

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Laboratory Control Sample Summary

Client: G Environmental **SDG No.:** Q1525

Project: DPW **Run No.:** LB134959

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB134959BSW								
Bromide	mg/L	10	10.6		106	1	90-110	03/07/2025
Chloride	mg/L	3	3.10		103	1	90-110	03/07/2025
Fluoride	mg/L	2	2.10		105	1	90-110	03/07/2025
Nitrite	mg/L	3	3.10		103	1	90-110	03/07/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	03/07/2025
Sulfate	mg/L	15	15.6		104	1	90-110	03/07/2025
Orthophosphate as P	mg/L	5	5.20		104	1	90-110	03/07/2025

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Laboratory Control Sample Summary

Client:	G Environmental	**SDG No.:**	Q1525
Project:	DPW	**Run No.:**	LB135065

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **LB135065BSW**								
Alkalinity	mg/L	50	45.0		90	1	80-120	03/18/2025

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Instrument ID: IC-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB134959

Review By	Niha	Review On	3/11/2025 9:15:10 AM
Supervise By	Iwona	Supervise On	3/11/2025 4:16:22 PM
SubDirectory	LB134959	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP112016,WP112017,WP112018,WP112019,WP112020,WP112021,WP112022
ICV Standard	WP112023
CCV Standard	WP112231
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112232
Chk Standard	WP112024,WP112025

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	02/21/25 11:05	All standards, samples, and	NF/IZ	OK
2	STD2	STD2	CAL2	02/21/25 11:26	QC are filtered through	NF/IZ	OK
3	STD3	STD3	CAL3	02/21/25 11:48	0.45um, filter lot W3160	NF/IZ	OK
4	STD4	STD4	CAL4	02/21/25 12:09		NF/IZ	OK
5	STD5	STD5	CAL5	02/21/25 12:31		NF/IZ	OK
6	STD6	STD6	CAL6	02/21/25 12:52		NF/IZ	OK
7	STD7	STD7	CAL7	02/21/25 13:13		NF/IZ	OK
8	ICV1	ICV1	ICV	02/21/25 13:35		NF/IZ	OK
9	ICB1	ICB1	ICB	02/21/25 13:56		NF/IZ	OK
10	CCV1	CCV1	CCV	03/07/25 10:50		NF/IZ	OK
11	CCB1	CCB1	CCB	03/07/25 11:11		NF/IZ	OK
12	LB134959BLW	LB134959BLW	MB	03/07/25 11:33		NF/IZ	OK
13	LB134959BSW	LB134959BSW	LCS	03/07/25 11:54		NF/IZ	OK
14	Q1525-01	MW10	SAM	03/07/25 12:16	Cl high	NF/IZ	Dilution
15	Q1522-02	TW-WTS-04	SAM	03/07/25 12:37		NF/IZ	OK
16	Q1522-02MS	TW-WTS-04MS	MS	03/07/25 12:59	9.5ml of sample, 0.5mL W3092	NF/IZ	OK
17	Q1522-02MSD	TW-WTS-04MSD	MSD	03/07/25 13:21	9.5ml of sample, 0.5mL W3092	NF/IZ	OK
18	Q1522-02DL	TW-WTS-04DL	SAM	03/07/25 13:42	5X for Cl, but still high	NF/IZ	Dilution

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Instrument ID: IC-2

Daily Analysis Runlog For Sequence/QCBatch ID # LB134959

Review By	Niha	Review On	3/11/2025 9:15:10 AM
Supervise By	Iwona	Supervise On	3/11/2025 4:16:22 PM
SubDirectory	LB134959	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP112016,WP112017,WP112018,WP112019,WP112020,WP112021,WP112022
ICV Standard	WP112023
CCV Standard	WP112231
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112232
Chk Standard	WP112024,WP112025

19	Q1522-02DL2	TW-WTS-04DL2	SAM	03/07/25 14:04	20X for Cl	NF/IZ	Confirms
20	CCV2	CCV2	CCV	03/07/25 14:25		NF/IZ	OK
21	CCB2	CCB2	CCB	03/07/25 14:47		NF/IZ	OK

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Instrument ID: TITRATOR

Daily Analysis Runlog For Sequence/QCBatch ID # LB135065

Review By	Niha	Review On	3/19/2025 9:01:06 AM
Supervise By	Iwona	Supervise On	3/19/2025 9:31:24 AM
SubDirectory	LB135065	Test	Alkalinity

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP112337
Chk Standard	W3150,W3071,W3107

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB135065BLW	LB135065BLW	MB	03/18/25 09:30	pH=3.87	Niha	OK
2	LB135065BSW	LB135065BSW	LCS	03/18/25 09:35	pH=4.40	Niha	OK
3	Q1505-05	PT-MIN1-WP	SAM	03/18/25 09:40	pH=4.46	Niha	OK
4	Q1525-01	MW10	SAM	03/18/25 09:45	pH=4.46	Niha	OK
5	Q1525-01DUP	MW10DUP	DUP	03/18/25 09:50	pH=4.45	Niha	OK

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LAB CHRONICLE

OrderID:	Q1525	**OrderDate:**	3/7/2025 11:17:00 AM
Client:	G Environmental	**Project:**	DPW
Contact:	Gary Landis	**Location:**	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1525-01	**MW10**	**WATER**			**03/06/25 12:25**			**03/07/25**
			Alkalinity	SM2320 B			03/18/25 09:45	
			Anions Group1	300.0			03/07/25 12:16	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

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

ALLIANCE PROJECT NO. Q1525
QUOTE NO.
COC Number 2046136

CLIENT INFORMATION	CLIENT PROJECT INFORMATION	CLIENT BILLING INFORMATION
REPORT TO BE SENT TO: COMPANY: G Environmental	PROJECT NAME: DPW	BILL TO: GEnvironmental PO#:
ADDRESS: 8 Carriage	PROJECT NO.: LOCATION: NJ	ADDRESS: 8 Carriage
CITY STATE: NJ ZIP: 07876	PROJECT MANAGER: GL	CITY STATE: NJ ZIP: 07876
ATTENTION: Gary	e-mail:	ATTENTION: PHONE:
PHONE: FAX:	PHONE: FAX:	

DATA TURNAROUND INFORMATION	DATA DELIVERABLE INFORMATION
FAX (RUSH) ____ DAYS*	☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
HARDCOPY (DATA PACKAGE): Standard DAYS*	☐ Level 2 (Results + QC) ☒ NJ Reduced ☐ US EPA CLP
EDD: ____ DAYS*	☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
*TO BE APPROVED BY CHEMTECH	☐ Other NJDEP Excel
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS	☒ EDD FORMAT Hazsite

ANALYSIS: 1. TCL VOCs + MTBE, 2. Fe, Mn, Na, 3. Sulfate, 4. Nitrate, 5. Alkalinity, 6., 7., 8., 9.

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	COMP	GRAB	DATE	TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
1.	MW10	GW		X	3/6/25	1225		X	X	X	X	X					pH 1.0 HNO3 H2SO4
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

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

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

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

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

Laboratory Certification

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1525 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 3/7/2025 11:17:00 AM
Project Name : DPW
Receive DateTime : 3/7/2025 8:35:00 AM
Purchase Order :

Project Mgr :
Report Type : ~~Level 1~~ NJ Reduced
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
Q1525-01	MW10	Water	03/06/2025	12:25					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By : CR
Date / Time : 3-7-25 1155

Received By :
Date / Time : 3725 11:55

Storage Area : VOA Refridgerator Room