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

Hit Summary Sheet
SW-846

SDG No.: Q2073

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**GDW1**							
Q2073-01	GDW1	Water	Acetone	6.80		1.50	5.00	ug/L
Q2073-01	GDW1	Water	Methyl Acetate	3.50		0.27	1.00	ug/L
			Total Voc :	10.3				
			Total Concentration:	10.3				
Client ID:	**GDW2**							
Q2073-02	GDW2	Water	Chloromethane	1.10		0.32	1.00	ug/L
Q2073-02	GDW2	Water	Acetone	5.20		1.50	5.00	ug/L
Q2073-02	GDW2	Water	Methyl Acetate	1.40		0.27	1.00	ug/L
			Total Voc :	7.70				
			Total Concentration:	7.70				

SAMPLE DATA

Raw Data: **VX046280.D**

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:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW1	SDG No.:	Q2073
Lab Sample ID:	Q2073-01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046280.D	1		05/19/25 20:06	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	6.80		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	3.50		0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX046280.D**

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:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW1	SDG No.:	Q2073
Lab Sample ID:	Q2073-01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046280.D	1		05/19/25 20:06	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	51.2		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	62000	5.544			
540-36-3	1,4-Difluorobenzene	123000	6.757			
3114-55-4	Chlorobenzene-d5	116000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	49700	12.018			

Raw Data: **VX046280.D**

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:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW1	SDG No.:	Q2073
Lab Sample ID:	Q2073-01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046280.D	1		05/19/25 20:06	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046281.D**

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:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	8260D	% 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
VX046281.D	1		05/19/25 20:29	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	1.10		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	5.20		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	1.40		0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L

Raw Data: **VX046281.D**

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:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	8260D	% 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
VX046281.D	1		05/19/25 20:29	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.3		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		70 (77) - 130 (121)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61700	5.544			
540-36-3	1,4-Difluorobenzene	125000	6.757			
3114-55-4	Chlorobenzene-d5	114000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	45900	12.018			

Raw Data: **VX046281.D**

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:	05/16/25
Project:	Nelson	Date Received:	05/16/25
Client Sample ID:	GDW2	SDG No.:	Q2073
Lab Sample ID:	Q2073-02	Matrix:	Water
Analytical Method:	8260D	% 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
VX046281.D	1		05/19/25 20:29	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2073-01	GDW1	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	50.8	102	70 (75)	130 (124)
		Toluene-d8	50	51.2	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.5	101	70 (77)	130 (121)
Q2073-02	GDW2	1,2-Dichloroethane-d4	50	54.3	109	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	49.8	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.8	97	70 (77)	130 (121)
VX0519WBL01	VX0519WBL01	1,2-Dichloroethane-d4	50	54.1	108	70 (74)	130 (125)
		Dibromofluoromethane	50	51.4	103	70 (75)	130 (124)
		Toluene-d8	50	50.4	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.6	99	70 (77)	130 (121)
VX0519WBS01	VX0519WBS01	1,2-Dichloroethane-d4	50	51.6	103	70 (74)	130 (125)
		Dibromofluoromethane	50	53.1	106	70 (75)	130 (124)
		Toluene-d8	50	51.6	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.4	103	70 (77)	130 (121)
VX0519WBSD0	VX0519WBSD01	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	52.9	106	70 (75)	130 (124)
		Toluene-d8	50	51.4	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.5	103	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046258.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0519WBS01	Dichlorodifluoromethane	20	18.7	ug/L	94			40 (69)	160 (116)	
	Chloromethane	20	17.7	ug/L	89			40 (65)	160 (116)	
	Vinyl chloride	20	17.2	ug/L	86			70 (65)	130 (117)	
	Bromomethane	20	18.6	ug/L	93			40 (58)	160 (125)	
	Chloroethane	20	19.3	ug/L	97			40 (56)	160 (128)	
	Trichlorofluoromethane	20	18.8	ug/L	94			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.0	ug/L	95			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	Acetone	100	95.5	ug/L	96			40 (60)	160 (125)	
	Carbon disulfide	20	15.7	ug/L	79			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.0	ug/L	95			70 (78)	130 (114)	
	Methyl Acetate	20	22.6	ug/L	113			70 (67)	130 (125)	
	Methylene Chloride	20	18.1	ug/L	91			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.2	ug/L	91			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.3	ug/L	97			70 (78)	130 (112)	
	Cyclohexane	20	17.8	ug/L	89			70 (75)	130 (110)	
	2-Butanone	100	98.6	ug/L	99			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.1	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.4	ug/L	92			70 (77)	130 (110)	
	Bromochloromethane	20	21.4	ug/L	107			70 (70)	130 (124)	
	Chloroform	20	19.7	ug/L	99			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.1	ug/L	96			70 (80)	130 (108)	
	Methylcyclohexane	20	17.6	ug/L	88			70 (72)	130 (115)	
	Benzene	20	19.0	ug/L	95			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.8	ug/L	99			70 (80)	130 (115)	
	Trichloroethene	20	18.2	ug/L	91			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	20.0	ug/L	100			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	99.9	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.5	ug/L	93			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.0	ug/L	95			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	19.9	ug/L	100			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.6	ug/L	98			70 (81)	130 (110)	
	Tetrachloroethene	20	17.9	ug/L	90			70 (67)	130 (123)	
	Chlorobenzene	20	18.5	ug/L	93			70 (82)	130 (109)	
	Ethyl Benzene	20	18.9	ug/L	95			70 (83)	130 (109)	
	m/p-Xylenes	40	37.1	ug/L	93			70 (82)	130 (110)	
	o-Xylene	20	19.0	ug/L	95			70 (83)	130 (109)	
	Styrene	20	19.7	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	19.0	ug/L	95			70 (79)	130 (109)	
	Isopropylbenzene	20	19.5	ug/L	98			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.3	ug/L	97			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.8	ug/L	94			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.2	ug/L	91			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (109)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046258.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0519WBS01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/L	95			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.1	ug/L	91			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046259.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0519WBSD01	Dichlorodifluoromethane	20	18.0	ug/L	90	4		40 (69)	160 (116)	20 (20)
	Chloromethane	20	17.3	ug/L	86	3		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	16.7	ug/L	84	2		70 (65)	130 (117)	20 (20)
	Bromomethane	20	17.2	ug/L	86	8		40 (58)	160 (125)	20 (20)
	Chloroethane	20	17.8	ug/L	89	9		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	18.4	ug/L	92	2		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	18.5	ug/L	93	2		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	17.9	ug/L	90	2		70 (74)	130 (110)	20 (20)
	Acetone	100	98.7	ug/L	99	3		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	15.1	ug/L	76	4		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.5	ug/L	98	3		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	23.4	ug/L	117	3		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	17.8	ug/L	89	2		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.0	ug/L	90	1		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	19.0	ug/L	95	2		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	17.6	ug/L	88	1		70 (75)	130 (110)	20 (20)
	2-Butanone	100	100	ug/L	100	1		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	18.8	ug/L	94	2		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.0	ug/L	95	3		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	20.9	ug/L	104	3		70 (70)	130 (124)	20 (20)
	Chloroform	20	19.9	ug/L	100	1		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	19.2	ug/L	96	0		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	17.2	ug/L	86	2		70 (72)	130 (115)	20 (20)
	Benzene	20	19.1	ug/L	96	1		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	20.3	ug/L	102	3		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	18.6	ug/L	93	2		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	18.7	ug/L	94	6		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	19.9	ug/L	100	0		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	100	ug/L	100	0		40 (74)	160 (118)	20 (20)
	Toluene	20	19.1	ug/L	96	2		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	18.8	ug/L	94	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.3	ug/L	97	2		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	20.3	ug/L	102	0		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	19.7	ug/L	99	1		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.2	ug/L	101	3		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.2	ug/L	91	1		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	18.7	ug/L	94	1		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.0	ug/L	95	0		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	38.2	ug/L	96	3		70 (82)	130 (110)	20 (20)
	o-Xylene	20	19.1	ug/L	96	1		70 (83)	130 (109)	20 (20)
	Styrene	20	19.8	ug/L	99	0		70 (80)	130 (111)	20 (20)
	Bromoform	20	19.2	ug/L	96	1		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.2	ug/L	96	2		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98	1		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	18.8	ug/L	94	0		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	18.8	ug/L	94	3		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	19.8	ug/L	99	2		70 (82)	130 (109)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2073

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046259.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0519WBSD01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/L	100	5		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.6	ug/L	93	4		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	19.4	ug/L	97	6		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0519WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: VX046257.D Lab Sample ID: VX0519WBL01

Date Analyzed: 05/19/2025 Time Analyzed: 11:02

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
VX0519WBS01	VX0519WBS01	VX046258.D	05/19/2025
VX0519WBSD01	VX0519WBSD01	VX046259.D	05/19/2025
GDW1	Q2073-01	VX046280.D	05/19/2025
GDW2	Q2073-02	VX046281.D	05/19/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: VX046038.D BFB Injection Date: 05/05/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:37

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	68.8
175	5.0 - 9.0% of mass 174	5 (7.3) 1
176	95.0 - 101.0% of mass 174	66.7 (97) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC020	VSTDICC020	VX046041.D	05/05/2025	11:35
VSTDICCC050	VSTDICCC050	VX046042.D	05/05/2025	11:58
VSTDICC100	VSTDICC100	VX046043.D	05/05/2025	12:21
VSTDICC150	VSTDICC150	VX046044.D	05/05/2025	12:45
VSTDICC005	VSTDICC005	VX046046.D	05/05/2025	16:04
VSTDICC001	VSTDICC001	VX046047.D	05/05/2025	16:27

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: VX046254.D BFB Injection Date: 05/19/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:33

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

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	58.5
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) 1
174	50.0 - 100.0% of mass 95	67.9
175	5.0 - 9.0% of mass 174	5.5 (8.1) 1
176	95.0 - 101.0% of mass 174	67.3 (99.1) 1
177	5.0 - 9.0% of mass 176	4.7 (6.9) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046255.D	05/19/2025	10:05
VX0519WBL01	VX0519WBL01	VX046257.D	05/19/2025	11:02
VX0519WBS01	VX0519WBS01	VX046258.D	05/19/2025	11:25
VX0519WBSD01	VX0519WBSD01	VX046259.D	05/19/2025	11:53
GDW1	Q2073-01	VX046280.D	05/19/2025	20:06
GDW2	Q2073-02	VX046281.D	05/19/2025	20:29

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: VX046255.D Date Analyzed: 05/19/2025

Instrument ID: MSVOA_X Time Analyzed: 10:05

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	97192	5.54	163845	6.76	142712	10.05
UPPER LIMIT	194384	6.038	327690	7.257	285424	10.549
LOWER LIMIT	48596	5.038	81922.5	6.257	71356	9.549
EPA SAMPLE NO.						
GDW1	62035	5.54	123496	6.76	115828	10.05
GDW2	61746	5.54	125249	6.76	113628	10.05
VX0519WBL01	62503	5.54	124684	6.76	117918	10.05
VX0519WBS01	91585	5.54	158835	6.76	142753	10.05
VX0519WBSD01	87263	5.54	150978	6.76	132315	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.: Q2073 SAS No.: Q2073 SDG NO.: Q2073

Lab File ID: VX046255.D Date Analyzed: 05/19/2025

Instrument ID: MSVOA_X Time Analyzed: 10:05

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

	IS4 AREA #	RT #				
12 HOUR STD	70270	12.018				
UPPER LIMIT	140540	12.518				
LOWER LIMIT	35135	11.518				
EPA SAMPLE NO.						
GDW1	49714	12.02				
GDW2	45883	12.02				
VX0519WBL01	48295	12.02				
VX0519WBS01	66879	12.02				
VX0519WBSD01	63585	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
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	VX0519WBL01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBL01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046257.D	1		05/19/25 11:02	VX051925

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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Nelson		Date Received:		
Client Sample ID:	VX0519WBL01		SDG No.:	Q2073	
Lab Sample ID:	VX0519WBL01		Matrix:	Water	
Analytical Method:	8260D		% 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
VX046257.D	1		05/19/25 11:02	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.4		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.6		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	62500	5.544			
540-36-3	1,4-Difluorobenzene	125000	6.757			
3114-55-4	Chlorobenzene-d5	118000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	48300	12.018			

Raw Data: **VX046257.D**

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBL01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBL01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046257.D	1		05/19/25 11:02	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046258.D**

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBS01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBS01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046258.D	1		05/19/25 11:25	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	17.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.2		0.26	1.00	ug/L
74-83-9	Bromomethane	18.6		1.40	5.00	ug/L
75-00-3	Chloroethane	19.3		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.0		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	95.5		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.8		1.50	5.00	ug/L
78-93-3	2-Butanone	98.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.4		0.22	1.00	ug/L
67-66-3	Chloroform	19.7		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.1		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.6		0.16	1.00	ug/L
71-43-2	Benzene	19.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	99.9		0.68	5.00	ug/L
108-88-3	Toluene	19.5		0.14	1.00	ug/L

Raw Data: **VX046258.D**

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBS01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBS01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046258.D	1		05/19/25 11:25	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.0		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	17.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.5		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	37.1		0.24	2.00	ug/L
95-47-6	o-Xylene	19.0		0.12	1.00	ug/L
100-42-5	Styrene	19.7		0.15	1.00	ug/L
75-25-2	Bromoform	19.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.3		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.6		70 (74) - 130 (125)	103%	SPK: 50
1868-53-7	Dibromofluoromethane	53.1		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.6		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	91600	5.544			
540-36-3	1,4-Difluorobenzene	159000	6.757			
3114-55-4	Chlorobenzene-d5	143000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	66900	12.018			

Raw Data: **VX046258.D**

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBS01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBS01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046258.D	1		05/19/25 11:25	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046259.D**

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBSD01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBSD01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046259.D	1		05/19/25 11:53	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.0		0.22	1.00	ug/L
74-87-3	Chloromethane	17.3		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	16.7		0.26	1.00	ug/L
74-83-9	Bromomethane	17.2		1.40	5.00	ug/L
75-00-3	Chloroethane	17.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.4		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.5		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	17.9		0.23	1.00	ug/L
67-64-1	Acetone	98.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	23.4		0.27	1.00	ug/L
75-09-2	Methylene Chloride	17.8		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.6		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.8		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	20.9		0.22	1.00	ug/L
67-66-3	Chloroform	19.9		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	17.2		0.16	1.00	ug/L
71-43-2	Benzene	19.1		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.6		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.7		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.9		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.1		0.14	1.00	ug/L

Raw Data: **VX046259.D**

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:	Nelson		Date Received:		
Client Sample ID:	VX0519WBSD01		SDG No.:	Q2073	
Lab Sample ID:	VX0519WBSD01		Matrix:	Water	
Analytical Method:	8260D		% 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
VX046259.D	1		05/19/25 11:53	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.3		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.7		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.2		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.7		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.2		0.24	2.00	ug/L
95-47-6	o-Xylene	19.1		0.12	1.00	ug/L
100-42-5	Styrene	19.8		0.15	1.00	ug/L
75-25-2	Bromoform	19.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.6		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.4		0.20	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	52.9		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.4		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87300	5.544			
540-36-3	1,4-Difluorobenzene	151000	6.757			
3114-55-4	Chlorobenzene-d5	132000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	63600	12.018			

Raw Data: **VX046259.D**

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:	Nelson	Date Received:	
Client Sample ID:	VX0519WBSD01	SDG No.:	Q2073
Lab Sample ID:	VX0519WBSD01	Matrix:	Water
Analytical Method:	8260D	% 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
VX046259.D	1		05/19/25 11:53	VX051925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

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

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.697	0.864	0.859	0.875	0.639	0.658	0.765	14.6
Chloromethane	0.727	0.775	0.787	0.791	0.679	0.694	0.742	6.6
Vinyl Chloride	0.660	0.710	0.727	0.755	0.619	0.673	0.691	7.2
Bromomethane	0.296	0.326	0.340	0.334	0.305		0.320	5.8
Chloroethane	0.354	0.378	0.329	0.317	0.368	0.467	0.369	14.4
Trichlorofluoromethane	1.035	1.068	0.983	0.985	0.990	1.064	1.021	3.9
1,1,2-Trichlorotrifluoroethane	0.628	0.641	0.629	0.648	0.610	0.633	0.632	2.1
1,1-Dichloroethene	0.565	0.601	0.607	0.625	0.567	0.594	0.593	3.9
Acetone	0.361	0.362	0.361	0.370	0.408	0.380	0.374	4.9
Carbon Disulfide	1.295	1.455	1.522	1.597	1.141	1.423	1.406	11.7
Methyl tert-butyl Ether	2.044	2.160	2.172	2.239	1.908	1.949	2.079	6.4
Methyl Acetate	0.814	0.848	0.845	0.875	0.816	1.006	0.867	8.3
Methylene Chloride	0.689	0.684	0.691	0.691	0.689	0.853	0.716	9.4
trans-1,2-Dichloroethene	0.573	0.610	0.612	0.622	0.557	0.604	0.596	4.3
1,1-Dichloroethane	1.233	1.263	1.263	1.286	1.154	1.116	1.219	5.6
Cyclohexane	1.090	1.128	1.128	1.150	1.059		1.111	3.3
2-Butanone	0.540	0.555	0.558	0.569	0.539	0.495	0.543	4.8
Carbon Tetrachloride	0.528	0.558	0.552	0.577	0.505	0.541	0.544	4.6
cis-1,2-Dichloroethene	0.716	0.737	0.738	0.755	0.642	0.719	0.718	5.5
Bromochloromethane	0.628	0.578	0.595	0.590	0.553	0.576	0.587	4.3
Chloroform	1.287	1.296	1.277	1.300	1.199	1.265	1.271	3
1,1,1-Trichloroethane	1.106	1.131	1.155	1.188	1.013	1.015	1.101	6.6
Methylcyclohexane	0.596	0.641	0.627	0.658	0.587	0.627	0.623	4.3
Benzene	1.426	1.474	1.441	1.477	1.337	1.348	1.417	4.3
1,2-Dichloroethane	0.632	0.627	0.611	0.625	0.594	0.579	0.612	3.5
Trichloroethene	0.344	0.355	0.345	0.362	0.315	0.324	0.341	5.3
1,2-Dichloropropane	0.356	0.371	0.368	0.378	0.324	0.317	0.352	7.4
Bromodichloromethane	0.557	0.577	0.573	0.594	0.498	0.485	0.547	8.2
4-Methyl-2-Pentanone	0.620	0.634	0.630	0.631	0.555	0.561	0.605	6
Toluene	0.884	0.898	0.885	0.904	0.838	0.803	0.869	4.5

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

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

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

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.468	0.528	0.555	0.591	0.406	0.371	0.487	17.9
cis-1,3-Dichloropropene	0.531	0.578	0.602	0.623	0.469	0.423	0.538	14.6
1,1,2-Trichloroethane	0.349	0.354	0.351	0.356	0.337	0.308	0.343	5.3
2-Hexanone	0.466	0.473	0.477	0.473	0.414	0.385	0.448	8.7
Dibromochloromethane	0.378	0.400	0.415	0.431	0.326	0.306	0.376	13.3
1,2-Dibromoethane	0.359	0.373	0.368	0.381	0.333	0.322	0.356	6.5
Tetrachloroethene	0.390	0.375	0.345	0.344	0.323	0.347	0.354	6.8
Chlorobenzene	1.093	1.098	1.085	1.114	1.046	1.131	1.094	2.7
Ethyl Benzene	1.919	2.022	1.979	2.036	1.816	1.803	1.929	5.2
m/p-Xylenes	0.706	0.740	0.721	0.740	0.678	0.648	0.706	5.2
o-Xylene	0.688	0.727	0.706	0.726	0.639	0.642	0.688	5.7
Styrene	1.135	1.219	1.214	1.230	1.012	0.951	1.127	10.6
Bromoform	0.270	0.304	0.312	0.327	0.236	0.234	0.281	14.2
Isopropylbenzene	3.843	4.130	3.876	4.156	3.562	3.789	3.893	5.7
1,1,2,2-Tetrachloroethane	1.315	1.338	1.284	1.345	1.350	1.552	1.364	7
1,3-Dichlorobenzene	1.633	1.701	1.656	1.730	1.558	1.619	1.649	3.7
1,4-Dichlorobenzene	1.629	1.693	1.639	1.722	1.606	1.817	1.684	4.6
1,2-Dichlorobenzene	1.613	1.696	1.634	1.702	1.577	1.710	1.655	3.3
1,2-Dibromo-3-Chloropropane	0.299	0.322	0.329	0.356	0.248	0.259	0.302	13.9
1,2,4-Trichlorobenzene	0.861	0.981	1.035	1.123	0.842	0.862	0.951	12
1,2,3-Trichlorobenzene	0.921	1.019	1.051	1.107	0.846	0.941	0.981	9.7
1,2-Dichloroethane-d4	0.953	0.910	0.930	0.932	0.935		0.932	1.6
Dibromofluoromethane	0.359	0.355	0.364	0.368	0.354		0.360	1.7
Toluene-d8	1.246	1.223	1.266	1.275	1.221		1.246	2
4-Bromofluorobenzene	0.455	0.470	0.500	0.500	0.464		0.478	4.4

* 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.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: MSVOA_X Calibration Date/Time: 05/19/2025 10:05

Lab File ID: VX046255.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.765	0.801		4.71	20
Chloromethane	0.742	0.743	0.1	0.14	20
Vinyl Chloride	0.691	0.673		-2.61	20
Bromomethane	0.320	0.297		-7.19	20
Chloroethane	0.369	0.377		2.17	20
Trichlorofluoromethane	1.021	1.050		2.84	20
1,1,2-Trichlorotrifluoroethane	0.632	0.646		2.21	20
1,1-Dichloroethene	0.593	0.573		-3.37	20
Acetone	0.374	0.373		-0.27	20
Carbon Disulfide	1.406	1.339		-4.76	20
Methyl tert-butyl Ether	2.079	2.149		3.37	20
Methyl Acetate	0.867	0.995		14.76	20
Methylene Chloride	0.716	0.670		-6.43	20
trans-1,2-Dichloroethene	0.596	0.585		-1.85	20
1,1-Dichloroethane	1.219	1.233	0.1	1.15	20
Cyclohexane	1.111	1.043		-6.12	20
2-Butanone	0.543	0.550		1.29	20
Carbon Tetrachloride	0.544	0.577		6.07	20
cis-1,2-Dichloroethene	0.718	0.699		-2.65	20
Bromochloromethane	0.587	0.572		-2.56	20
Chloroform	1.271	1.295		1.89	20
1,1,1-Trichloroethane	1.101	1.133		2.91	20
Methylcyclohexane	0.623	0.602		-3.37	20
Benzene	1.417	1.454		2.61	20
1,2-Dichloroethane	0.612	0.624		1.96	20
Trichloroethene	0.341	0.349		2.35	20
1,2-Dichloropropane	0.352	0.380		7.95	20
Bromodichloromethane	0.547	0.604		10.42	20
4-Methyl-2-Pentanone	0.605	0.650		7.44	20
Toluene	0.869	0.887		2.07	20
t-1,3-Dichloropropene	0.487	0.537		10.27	20
cis-1,3-Dichloropropene	0.538	0.589		9.48	20
1,1,2-Trichloroethane	0.343	0.363		5.83	20
2-Hexanone	0.448	0.480		7.14	20
Dibromochloromethane	0.376	0.429		14.1	20
1,2-Dibromoethane	0.356	0.374		5.06	20
Tetrachloroethene	0.354	0.357		0.85	20
Chlorobenzene	1.094	1.113	0.3	1.74	20

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

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2073 SAS No.: Q2073 SDG No.: Q2073

Instrument ID: MSVOA_X Calibration Date/Time: 05/19/2025 10:05

Lab File ID: VX046255.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	2.022		4.82	20
m/p-Xylenes	0.706	0.743		5.24	20
o-Xylene	0.688	0.721		4.8	20
Styrene	1.127	1.265		12.24	20
Bromoform	0.281	0.322	0.1	14.59	20
Isopropylbenzene	3.893	4.008		2.95	20
1,1,2,2-Tetrachloroethane	1.364	1.325	0.3	-2.86	20
1,3-Dichlorobenzene	1.649	1.676		1.64	20
1,4-Dichlorobenzene	1.684	1.694		0.59	20
1,2-Dichlorobenzene	1.655	1.683		1.69	20
1,2-Dibromo-3-Chloropropane	0.302	0.319		5.63	20
1,2,4-Trichlorobenzene	0.951	0.986		3.68	20
1,2,3-Trichlorobenzene	0.981	0.997		1.63	20
1,2-Dichloroethane-d4	0.932	0.903		-3.11	20
Dibromofluoromethane	0.360	0.383		6.39	20
Toluene-d8	1.246	1.254		0.64	20
4-Bromofluorobenzene	0.478	0.493		3.14	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\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Quant Time: May 19 23:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

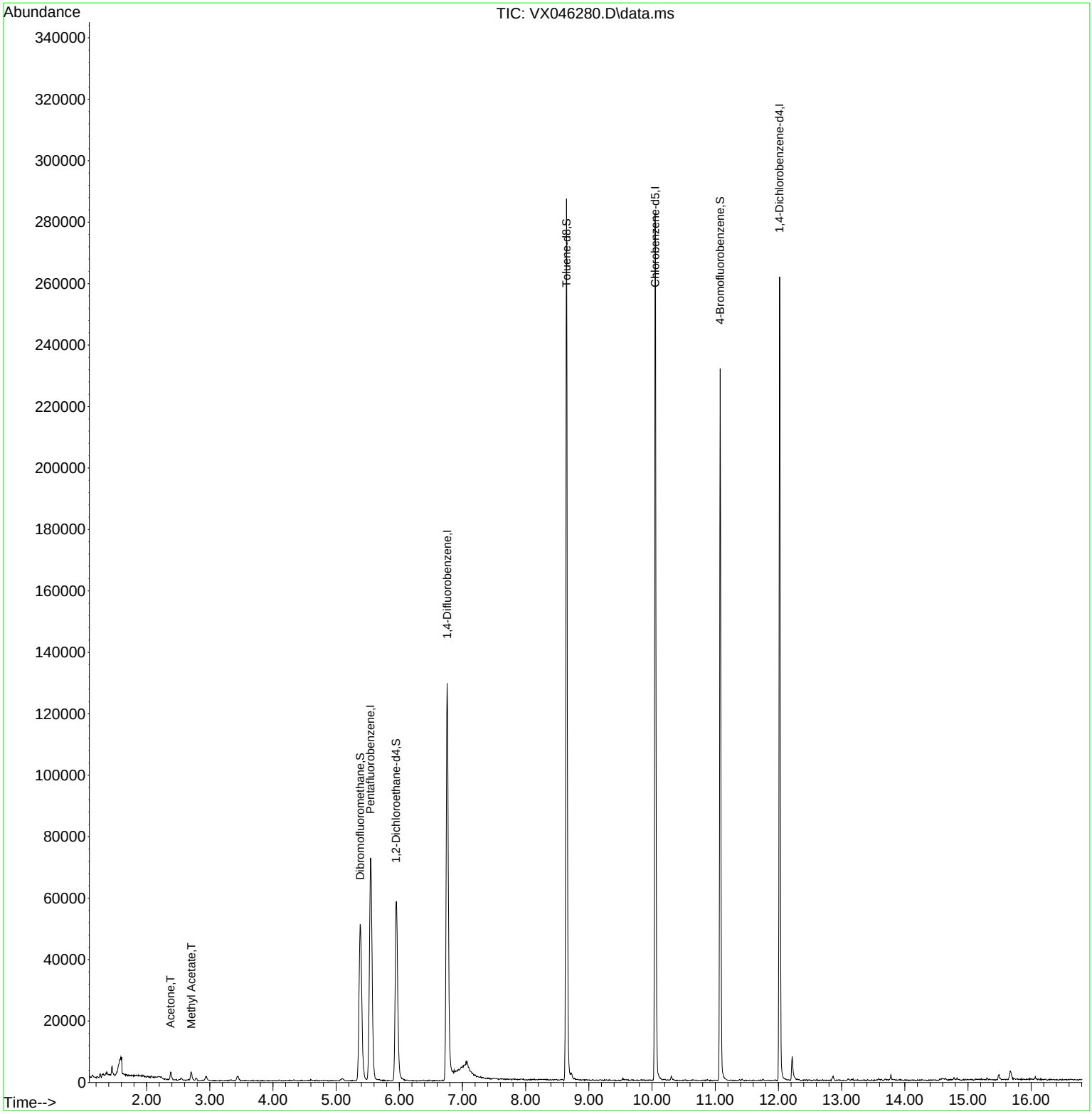
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	62035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123496	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	61896	53.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.040%			
35) Dibromofluoromethane	5.379	113	45187	50.812	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.620%			
50) Toluene-d8	8.647	98	157467	51.159	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%			
62) 4-Bromofluorobenzene	11.079	95	59592	50.473	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.940%			
Target Compounds						Qvalue
16) Acetone	2.380	43	3138	6.767	ug/l	95
18) Methyl Acetate	2.709	43	3775	3.508	ug/l	100

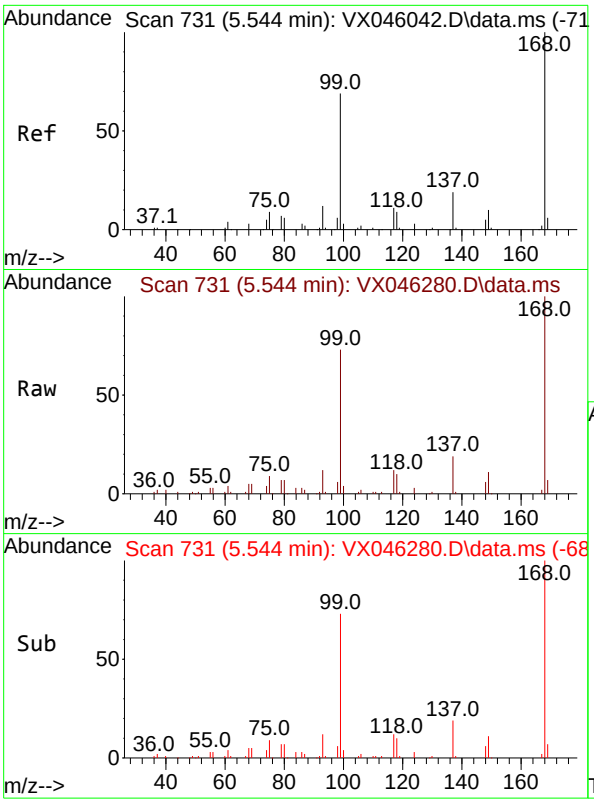
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Quant Time: May 19 23:18:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



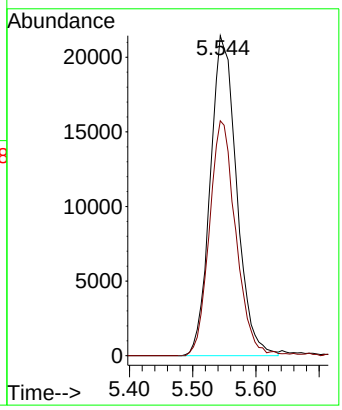


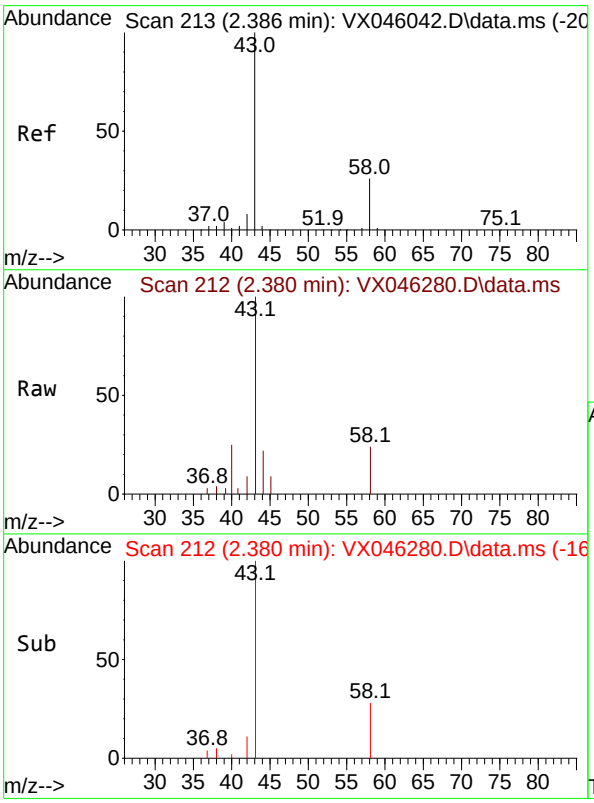
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion:168 Resp: 62035

Ion	Ratio	Lower	Upper
168	100		
99	73.4	54.9	82.3

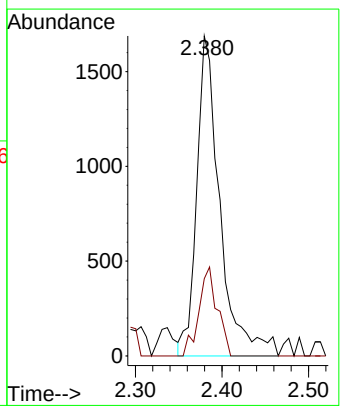


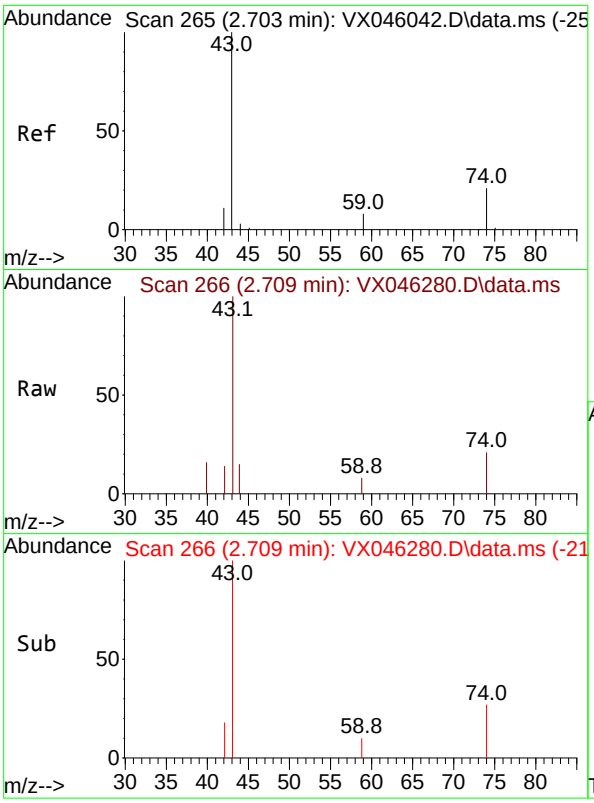


#16
Acetone
Concen: 6.767 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 43 Resp: 3138

Ion	Ratio	Lower	Upper
43	100		
58	24.1	21.2	31.8



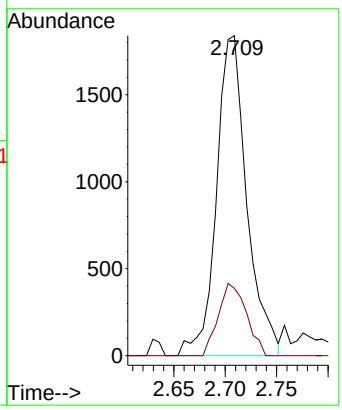


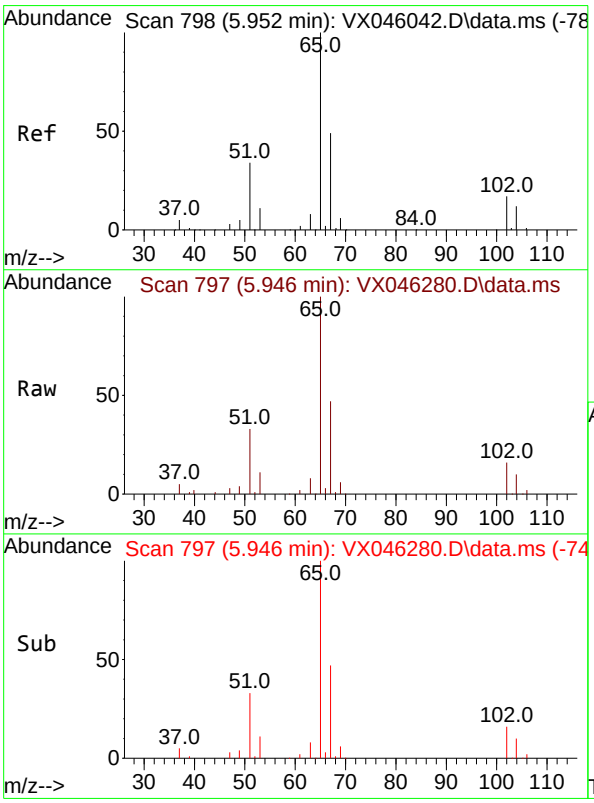
#18
Methyl Acetate
Concen: 3.508 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion: 43 Resp: 3775

Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.7	25.1

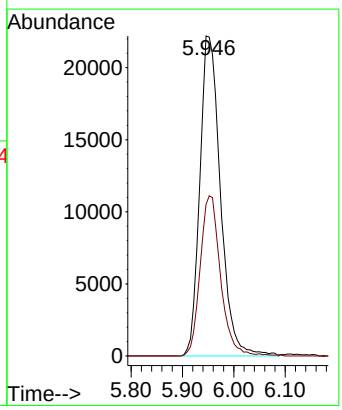


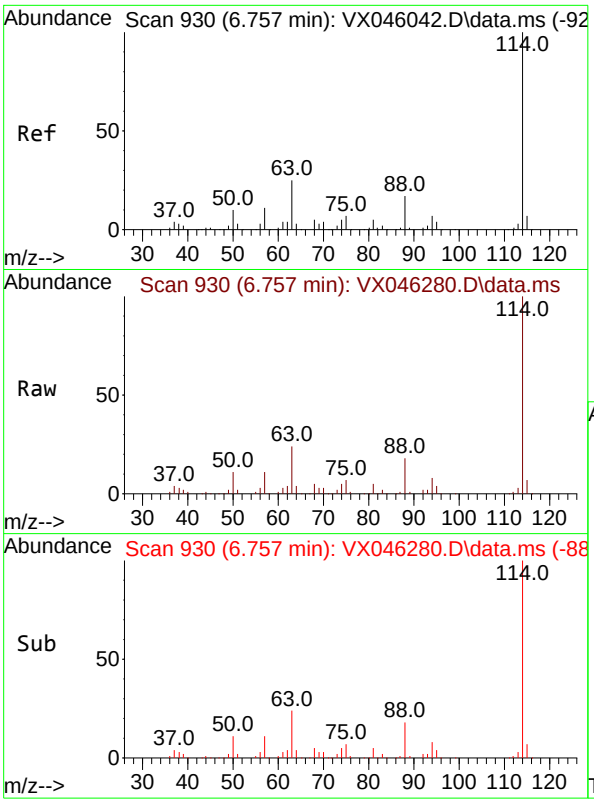


#33
1,2-Dichloroethane-d4
Concen: 53.519 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 65 Resp: 61896

Ion	Ratio	Lower	Upper
65	100		
67	49.1	0.0	99.0



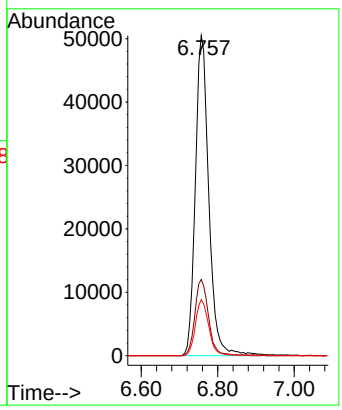


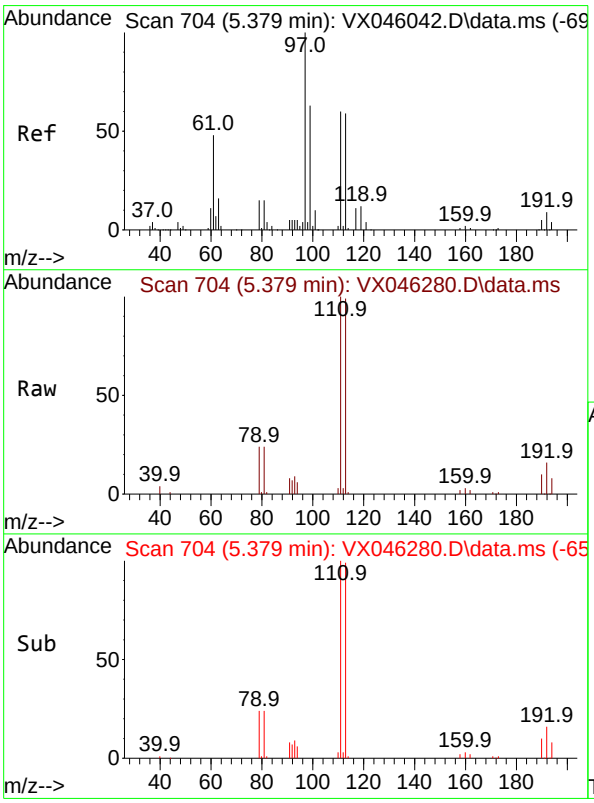
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion:114 Resp: 123496

Ion	Ratio	Lower	Upper
114	100		
63	23.8	0.0	49.2
88	17.5	0.0	33.6

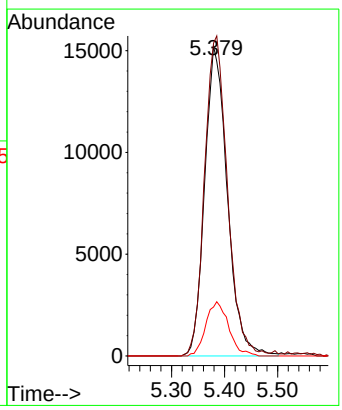


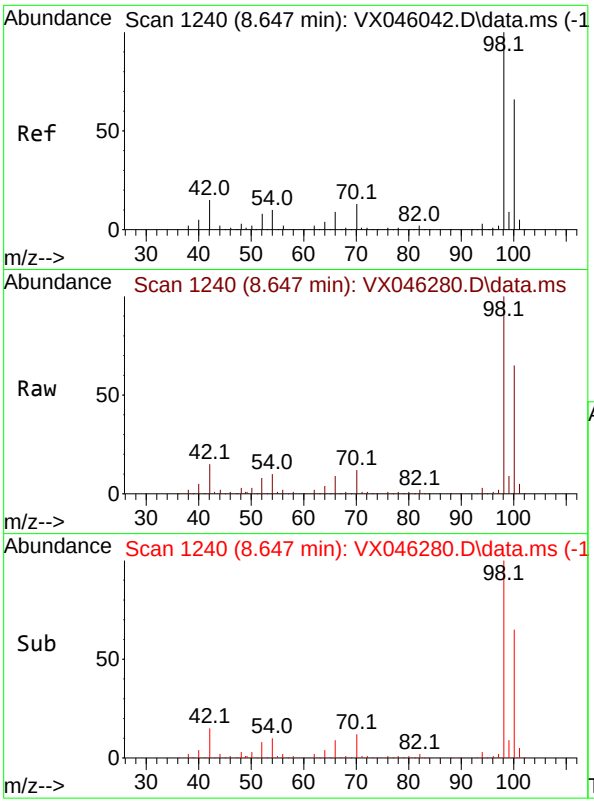


#35
Dibromofluoromethane
Concen: 50.812 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion:113 Resp: 45187

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.1	124.7
192	17.6	13.3	19.9



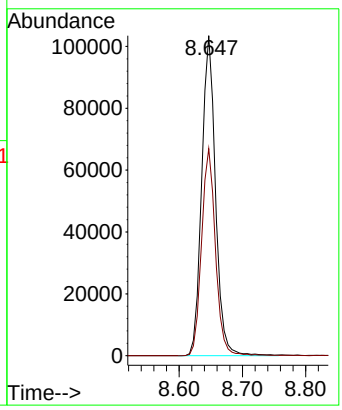


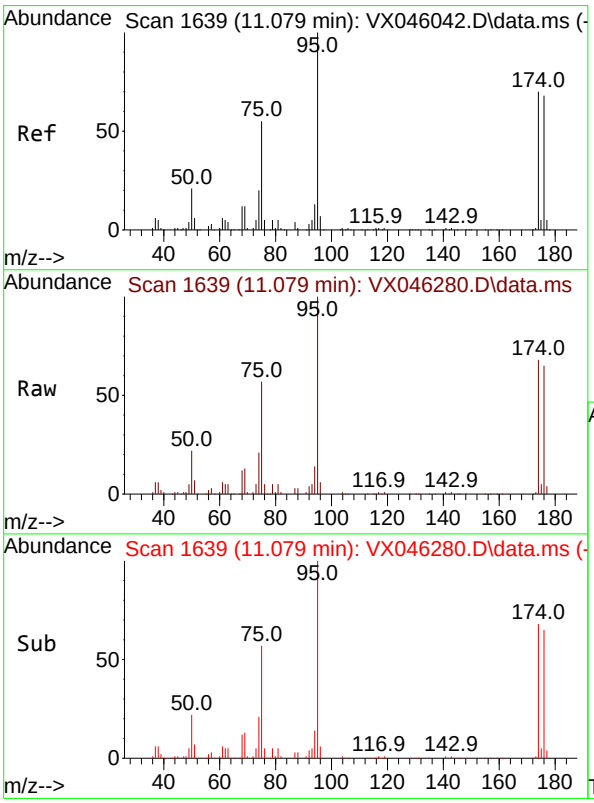
#50
Toluene-d8
Concen: 51.159 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion: 98 Resp: 157467

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.5	80.3

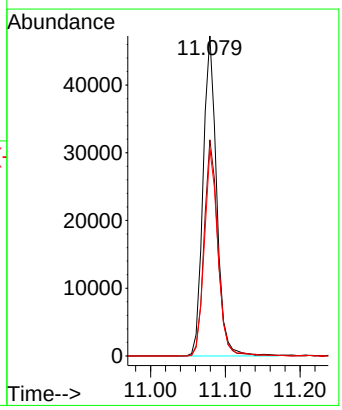


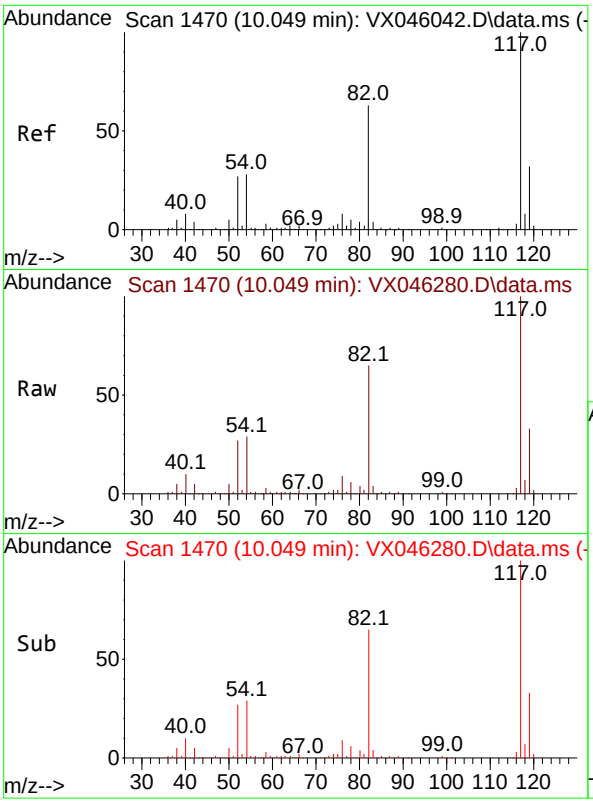


#62
4-Bromofluorobenzene
Concen: 50.473 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion: 95 Resp: 59592

Ion	Ratio	Lower	Upper
95	100		
174	67.8	0.0	135.8
176	65.1	0.0	131.4



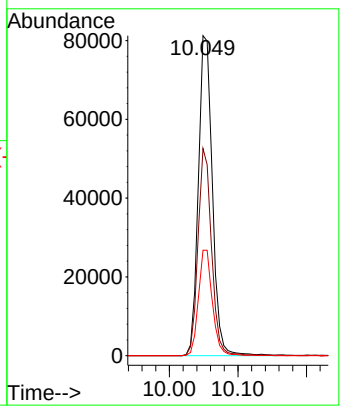


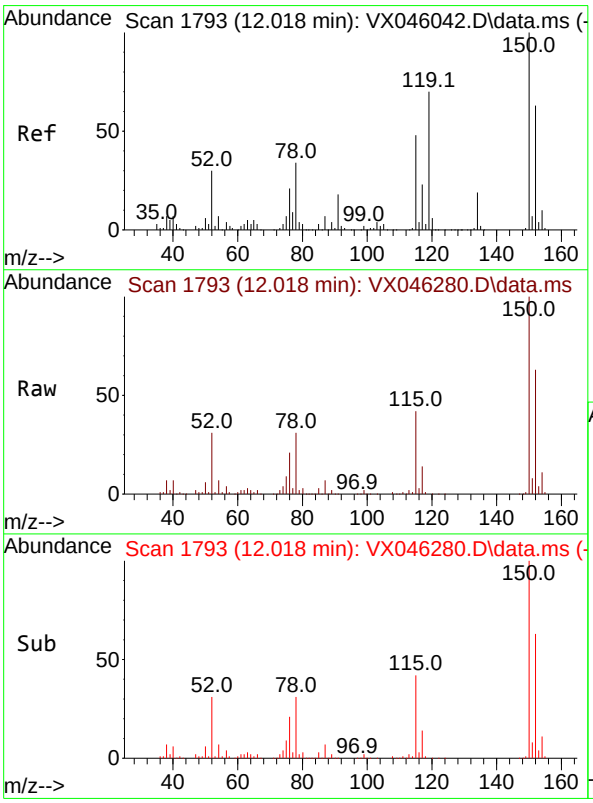
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Tgt Ion:117 Resp: 115828

Ion	Ratio	Lower	Upper
117	100		
82	64.7	50.6	76.0
119	33.0	25.8	38.6

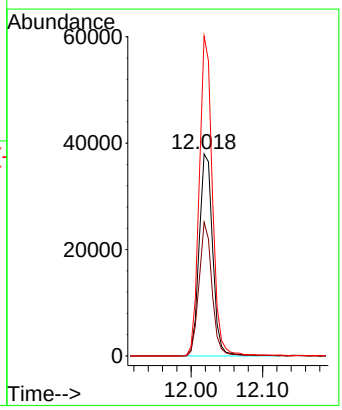




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046280.D
Acq: 19 May 2025 20:06

Tgt Ion:152 Resp: 49714

Ion	Ratio	Lower	Upper
152	100		
115	63.9	46.9	140.7
150	154.3	0.0	351.0



Sample Results: **VX046280.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046280.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.575	70	80	81	rBV6	4766	9881	2.23%	0.421%
2	2.703	260	265	274	rVB	2720	4952	1.12%	0.211%
3	5.379	693	704	721	rBV	50865	153795	34.73%	6.556%
4	5.544	721	731	745	rVV	72177	208011	46.98%	8.867%
5	5.952	789	798	813	rBV	58306	160630	36.28%	6.847%
6	6.757	921	930	944	rBV	129296	316511	71.48%	13.491%
7	7.068	977	981	989	rVB4	3277	8214	1.85%	0.350%
8	8.647	1233	1240	1251	rBV	287005	442805	100.00%	18.875%
9	10.049	1465	1470	1483	rBV	282161	396414	89.52%	16.897%
10	11.079	1634	1639	1659	rBV	231665	293628	66.31%	12.516%
11	12.018	1788	1793	1807	rBV	261653	331270	74.81%	14.121%
12	12.219	1822	1826	1836	rBV3	7716	13591	3.07%	0.579%
13	15.670	2386	2392	2400	rBV5	2815	6306	1.42%	0.269%

Sum of corrected areas: 2346008

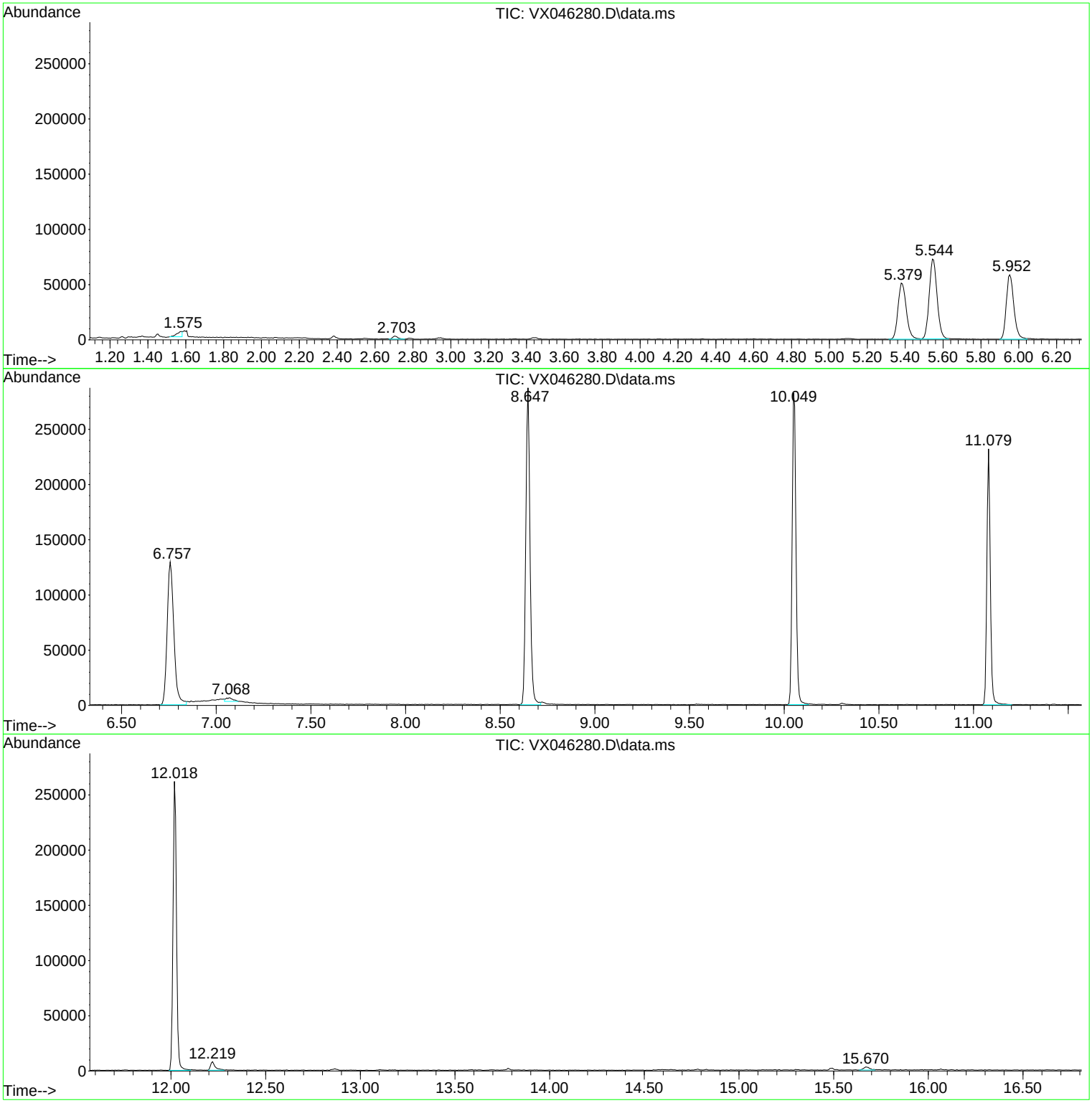
Sample Results: **VX046280.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX046280.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046280.D
Acq On : 19 May 2025 20:06
Operator : JC/MD
Sample : Q2073-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Quant Time: May 19 23:19:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

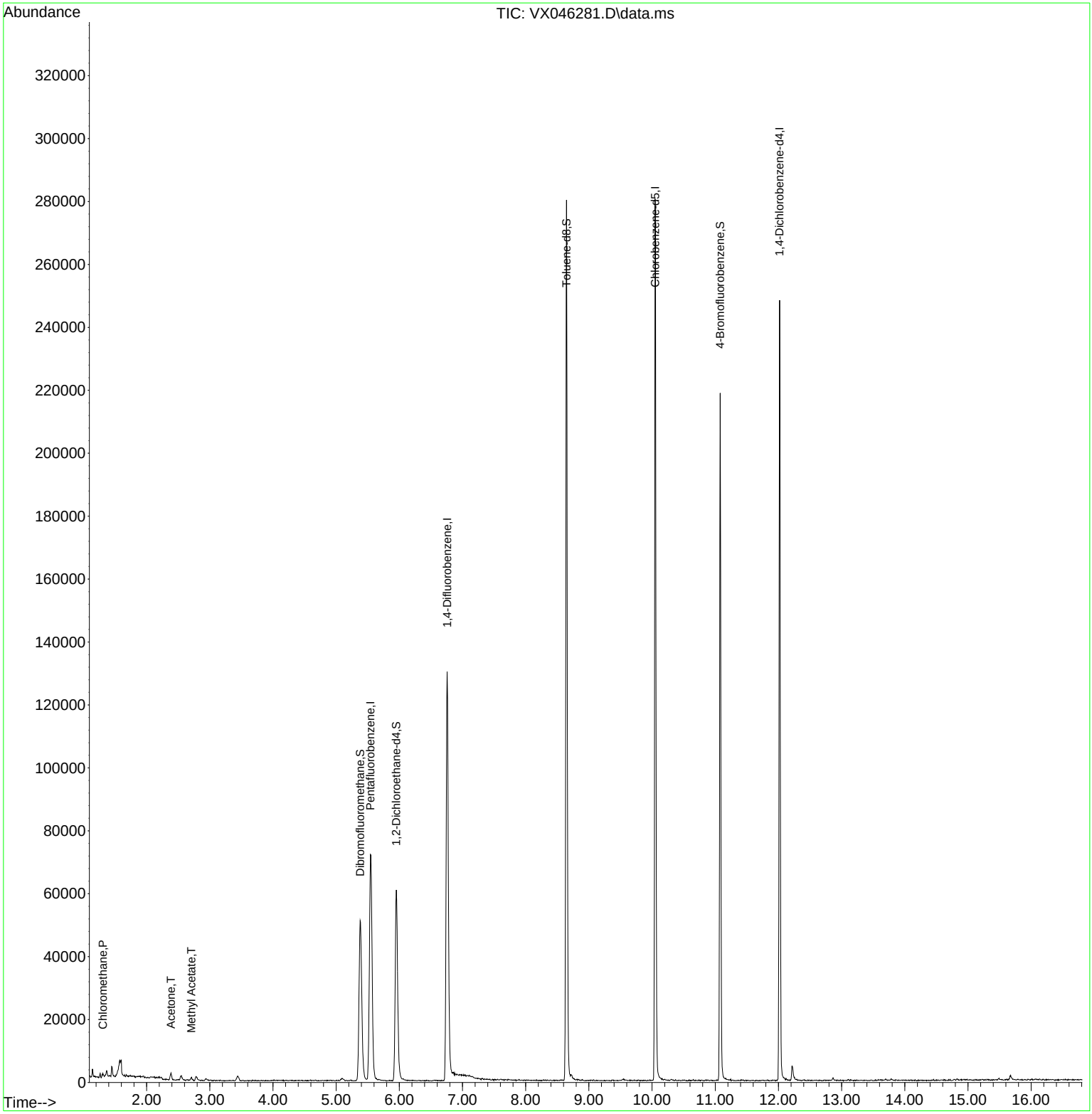
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	61746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	125249	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	113628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	45883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62475	54.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.540%			
35) Dibromofluoromethane	5.379	113	45215	50.132	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.260%			
50) Toluene-d8	8.647	98	155594	49.843	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.680%			
62) 4-Bromofluorobenzene	11.079	95	58373	48.748	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.500%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	1006	1.098	ug/l	95
16) Acetone	2.386	43	2378	5.152	ug/l	94
18) Methyl Acetate	2.709	43	1455	1.358	ug/l #	80

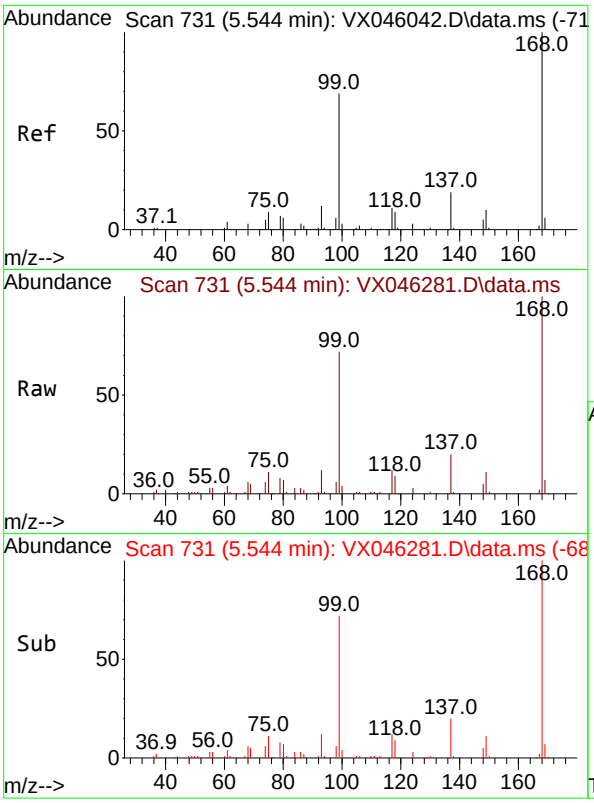
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Quant Time: May 19 23:19:05 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



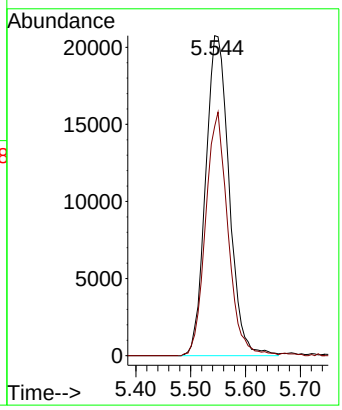


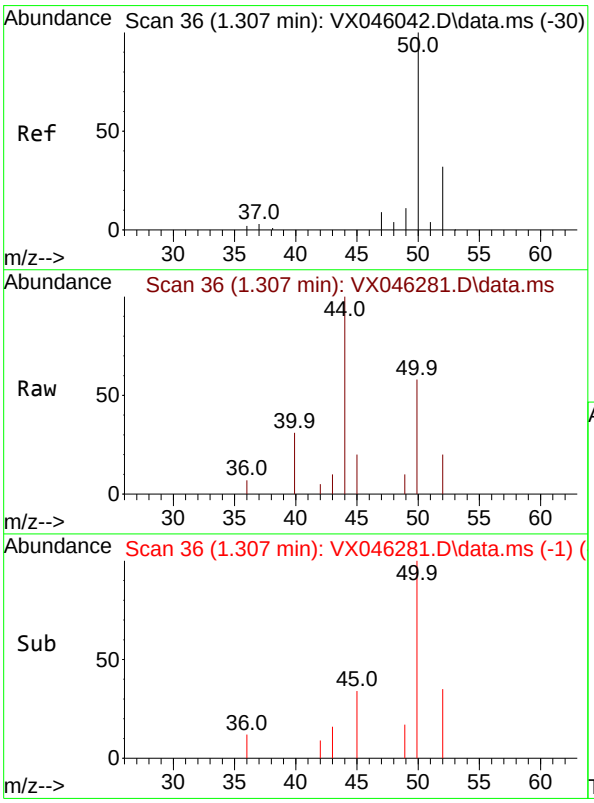
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion:168 Resp: 61746

Ion	Ratio	Lower	Upper
168	100		
99	71.6	54.9	82.3

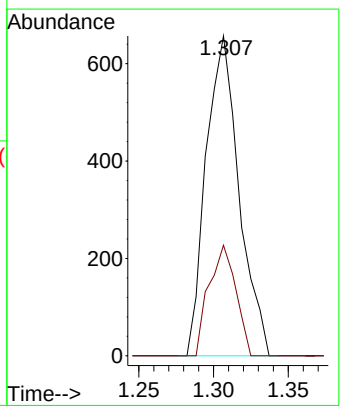


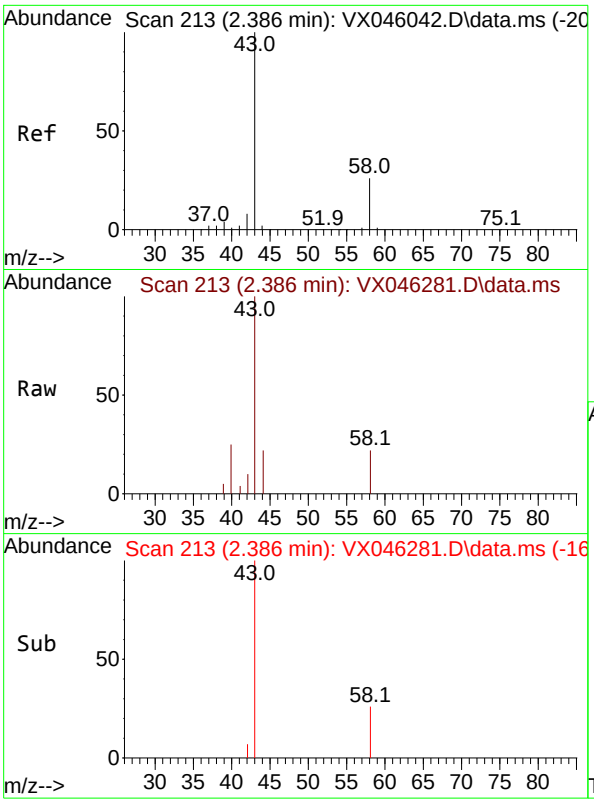


#3
Chloromethane
Concen: 1.098 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion: 50 Resp: 1006

Ion	Ratio	Lower	Upper
50	100		
52	34.6	25.4	38.2



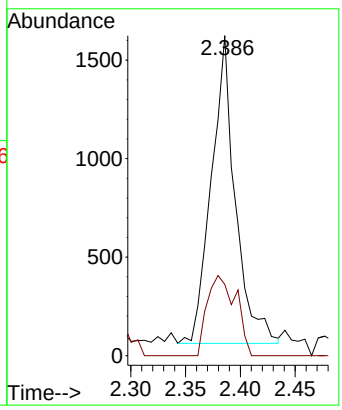


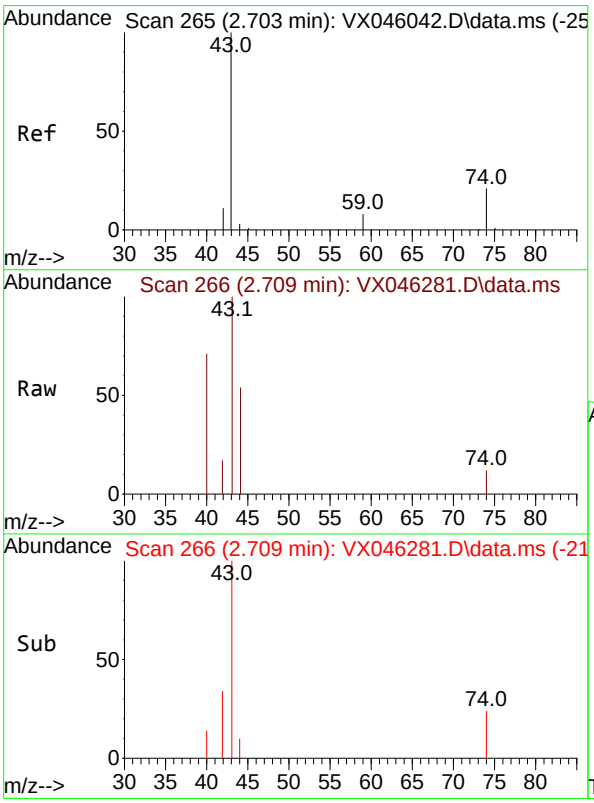
#16
Acetone
Concen: 5.152 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion: 43 Resp: 2378

Ion	Ratio	Lower	Upper
43	100		
58	23.2	21.2	31.8

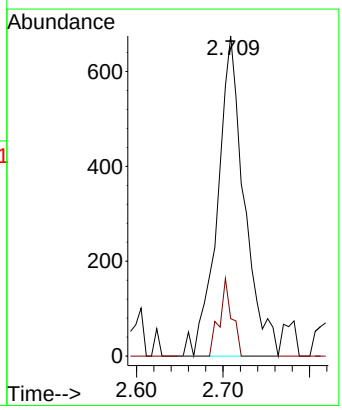


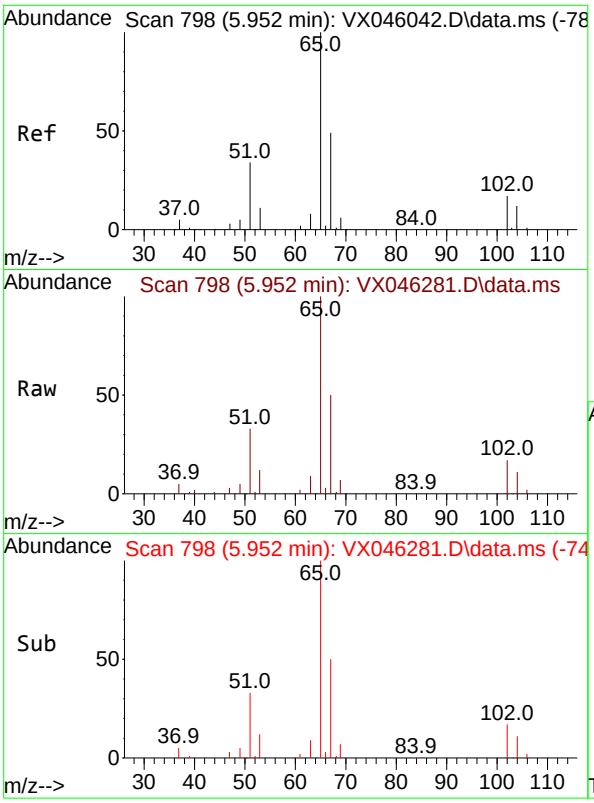


#18
Methyl Acetate
Concen: 1.358 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion: 43 Resp: 1455

Ion	Ratio	Lower	Upper
43	100		
74	11.3	16.7	25.1#



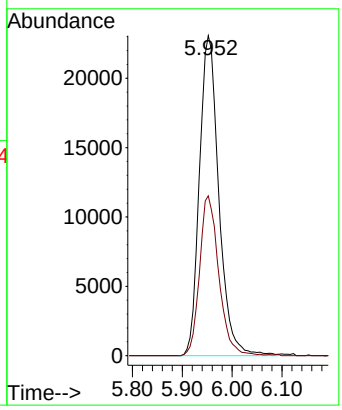


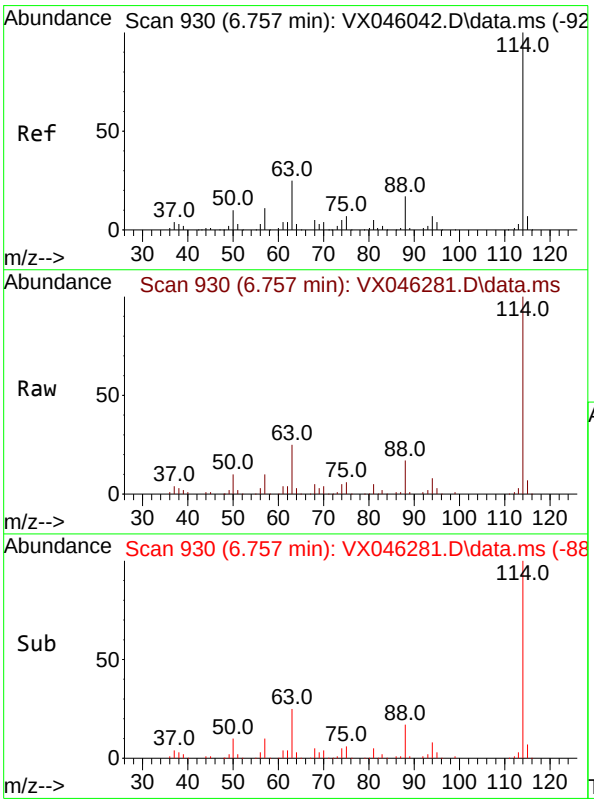
#33
1,2-Dichloroethane-d4
Concen: 54.272 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion: 65 Resp: 62475

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.0

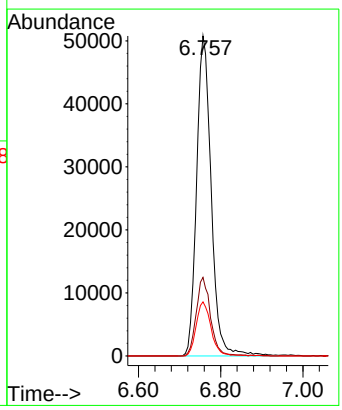


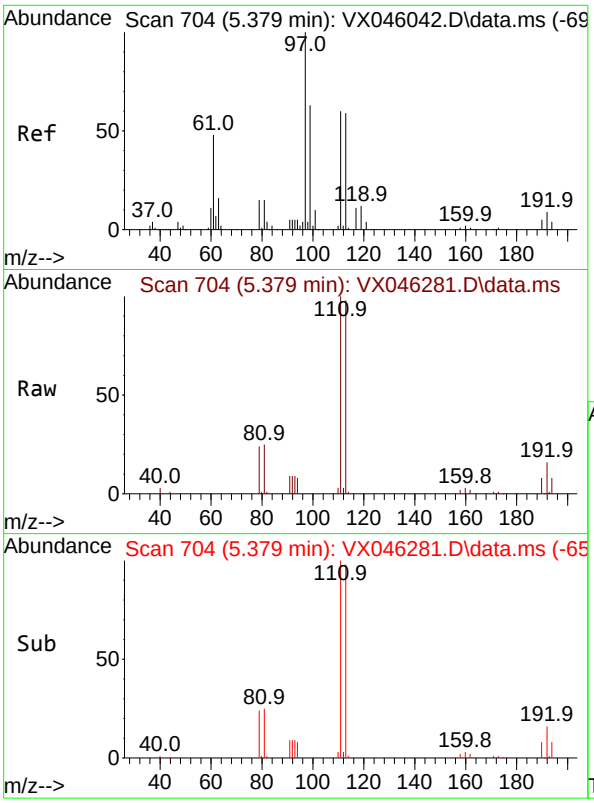


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion:114 Resp: 125249

Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	49.2
88	16.9	0.0	33.6



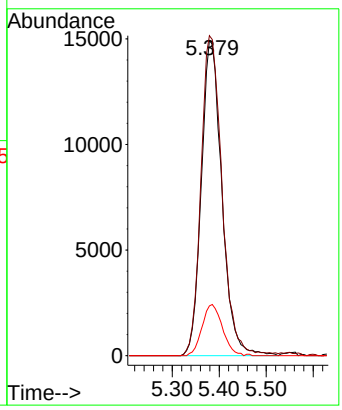


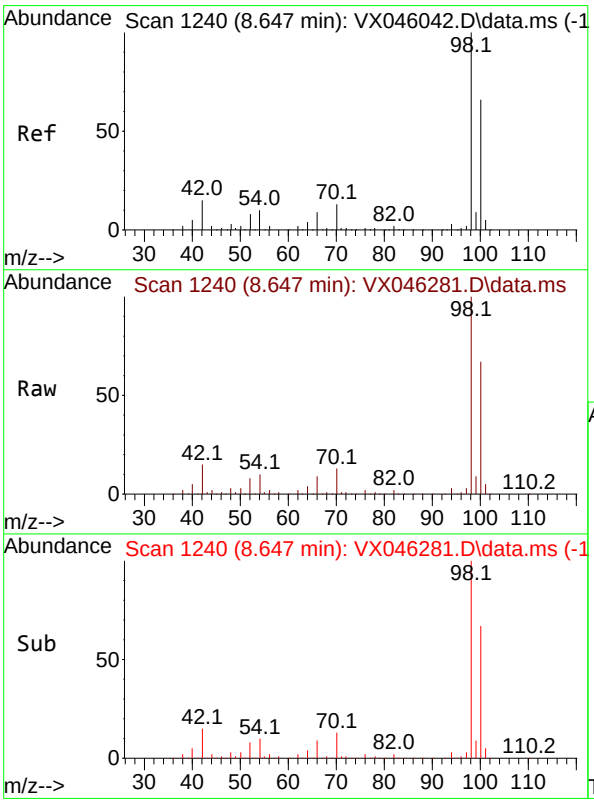
#35
Dibromofluoromethane
Concen: 50.132 ug/l
RT: 5.379 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion:113 Resp: 45215

Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.1	124.7
192	16.1	13.3	19.9

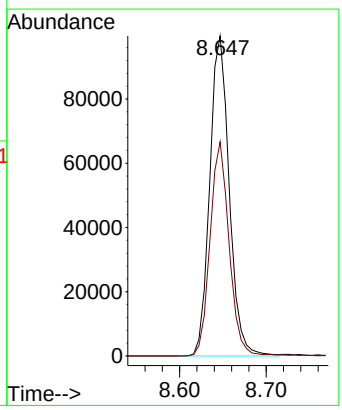


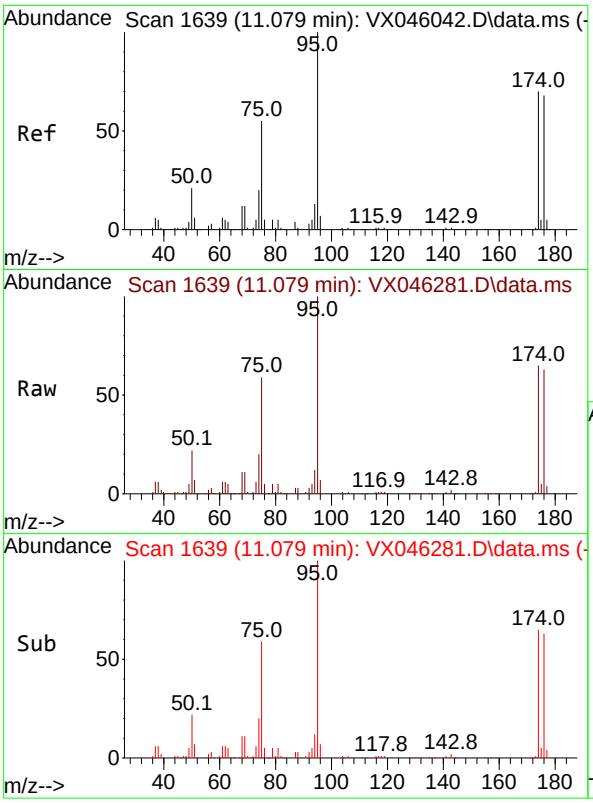


#50
Toluene-d8
Concen: 49.843 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion: 98 Resp: 155594

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.5	80.3



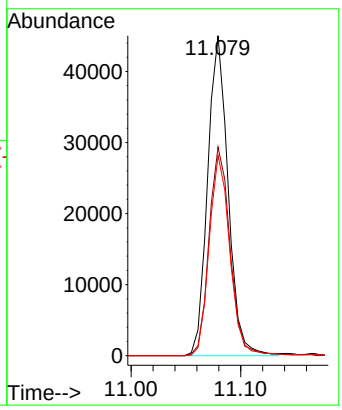


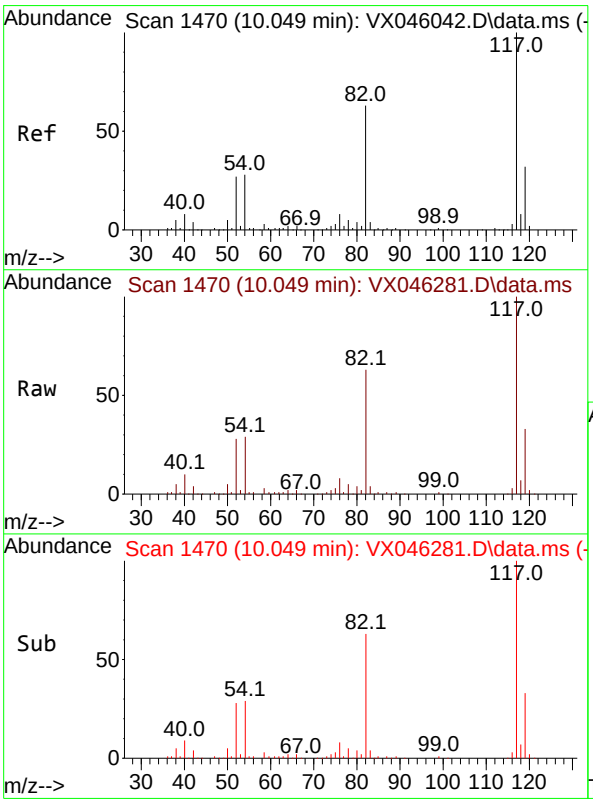
#62
4-Bromofluorobenzene
Concen: 48.748 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion: 95 Resp: 58373

Ion	Ratio	Lower	Upper
95	100		
174	67.0	0.0	135.8
176	63.2	0.0	131.4

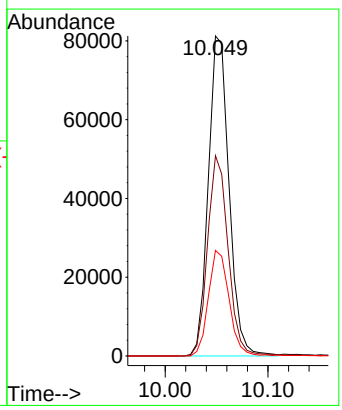


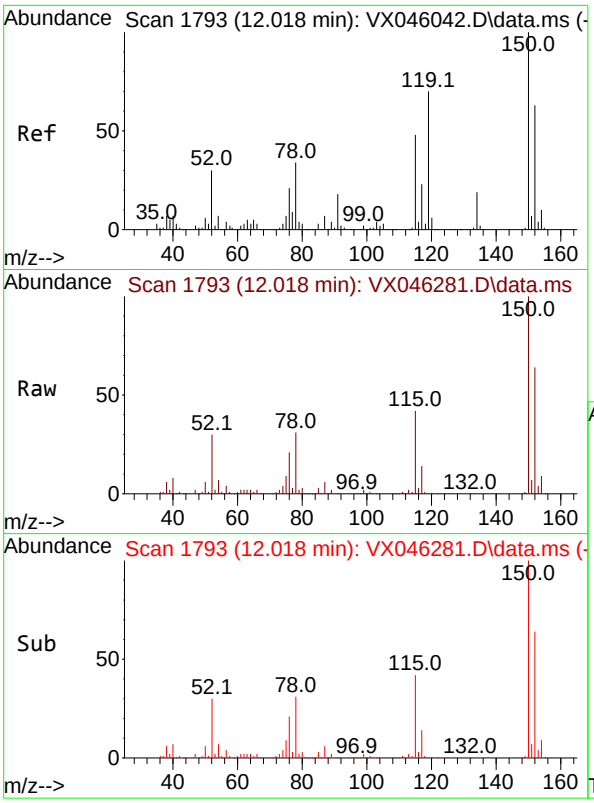


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Tgt Ion:117 Resp: 113628

Ion	Ratio	Lower	Upper
117	100		
82	62.6	50.6	76.0
119	33.0	25.8	38.6



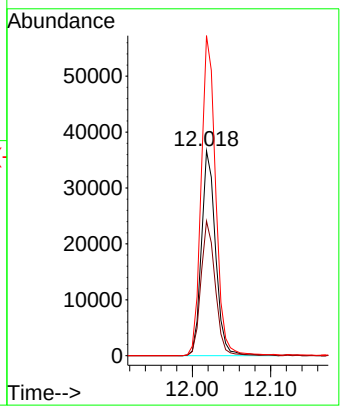


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046281.D
Acq: 19 May 2025 20:29

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Tgt Ion:152 Resp: 45883

Ion	Ratio	Lower	Upper
152	100		
115	66.3	46.9	140.7
150	159.9	0.0	351.0



Sample Results: **VX046281.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046281.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.575	69	80	81	rBV5	5212	10979	2.51%	0.480%
2	5.379	693	704	720	rBV	50868	153216	34.99%	6.694%
3	5.544	722	731	745	rVV2	71389	205979	47.04%	8.999%
4	5.952	788	798	814	rBV	60732	162871	37.20%	7.116%
5	6.757	921	930	943	rBV	130019	318648	72.77%	13.922%
6	8.647	1232	1240	1250	rBV	279893	437863	100.00%	19.130%
7	10.049	1465	1470	1487	rBV	280096	390775	89.25%	17.073%
8	11.079	1634	1639	1652	rBV	218484	284311	64.93%	12.422%
9	12.018	1788	1793	1806	rBV	247776	314680	71.87%	13.748%
10	12.219	1820	1826	1835	rBV3	4650	9540	2.18%	0.417%

Sum of corrected areas: 2288862

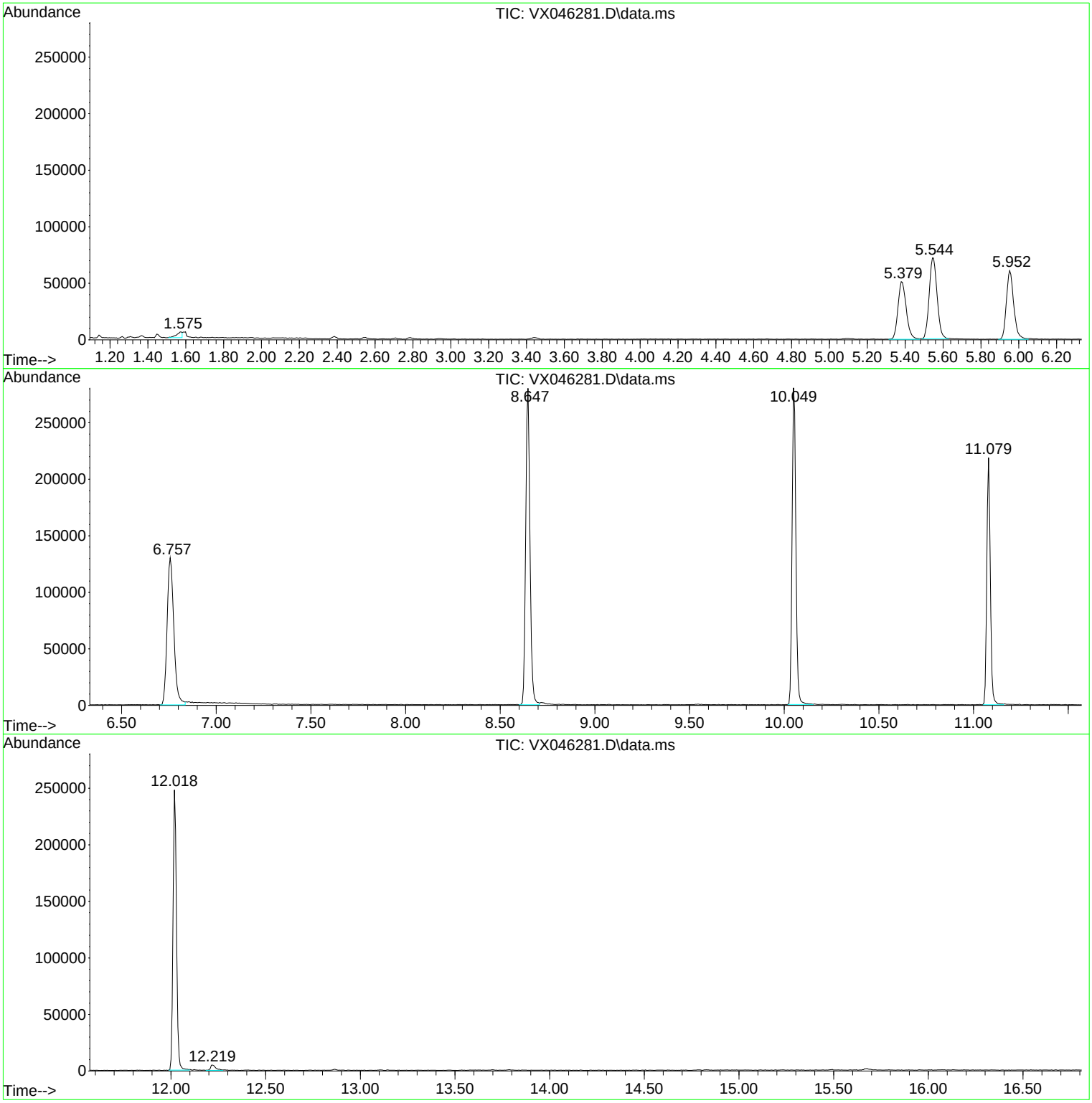
Sample Results: **VX046281.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX046281.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046281.D
Acq On : 19 May 2025 20:29
Operator : JC/MD
Sample : Q2073-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDW2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Quant Time: May 19 23:06:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	62503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	117918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63090	54.143	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.280%			
35) Dibromofluoromethane	5.385	113	46152	51.402	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	8.647	98	156579	50.386	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.780%			
62) 4-Bromofluorobenzene	11.079	95	59083	49.565	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.120%			

Target Compounds Qvalue

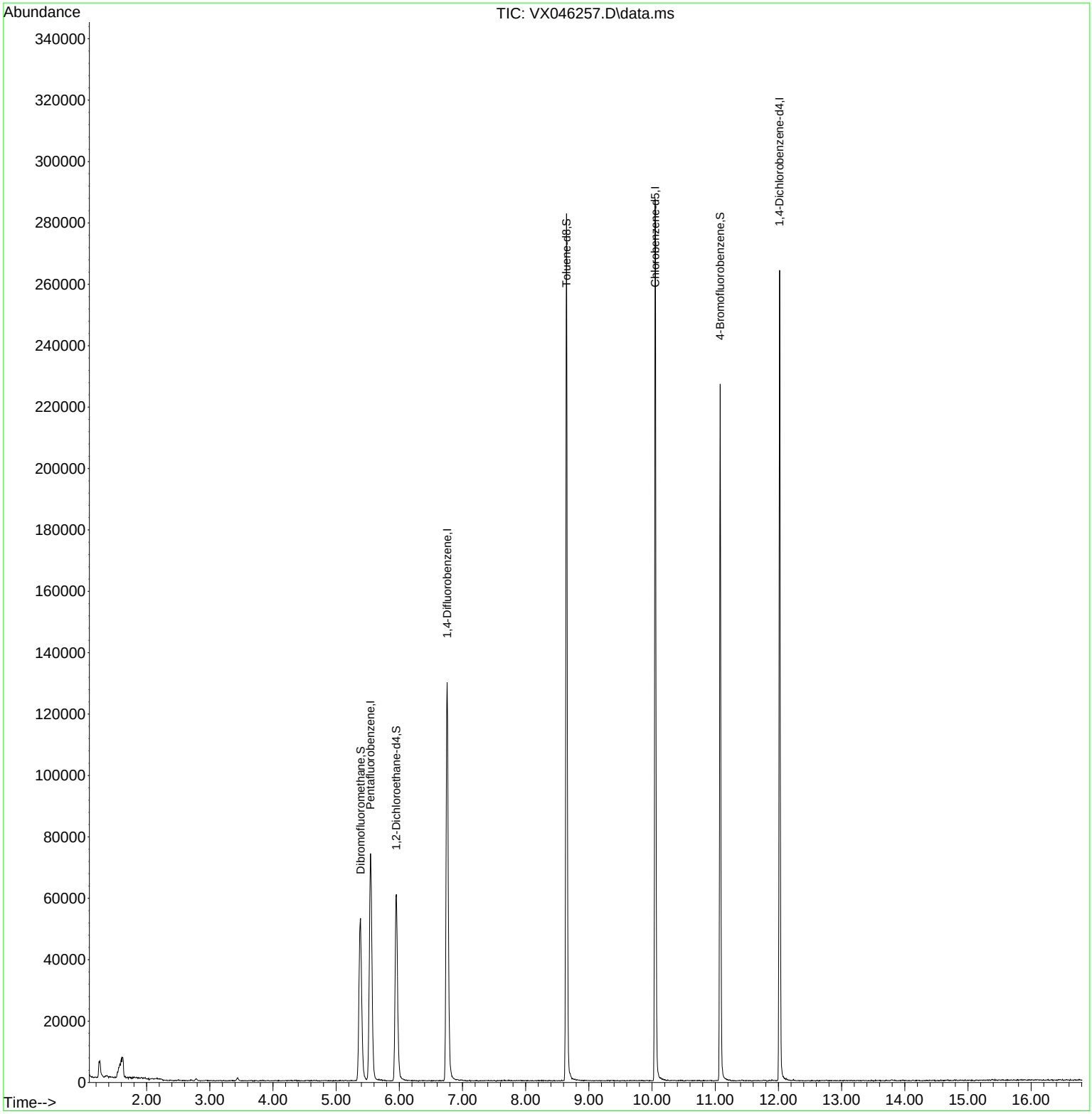
(#) = qualifier out of range (m) = manual integration (+) = signals summed

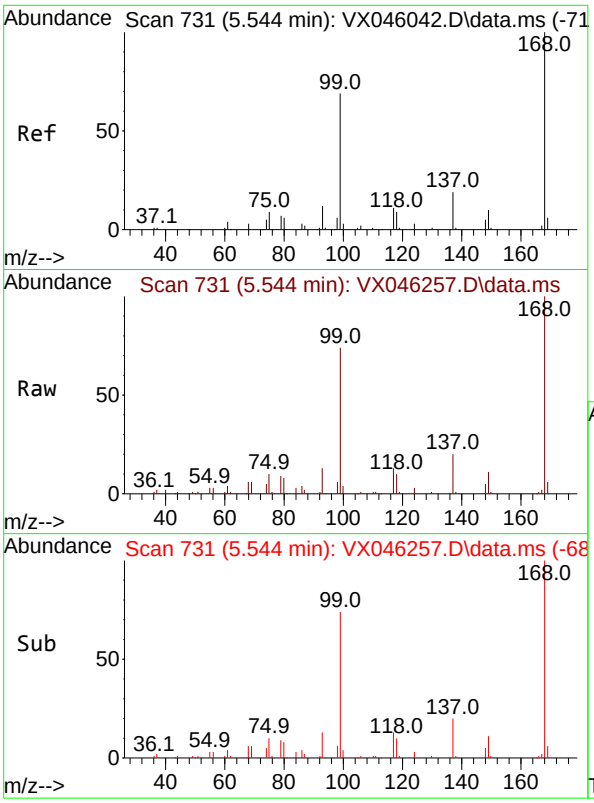
Sample Results: **VX046257.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Quant Time: May 19 23:06:34 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



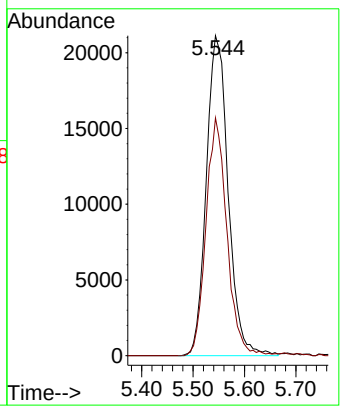


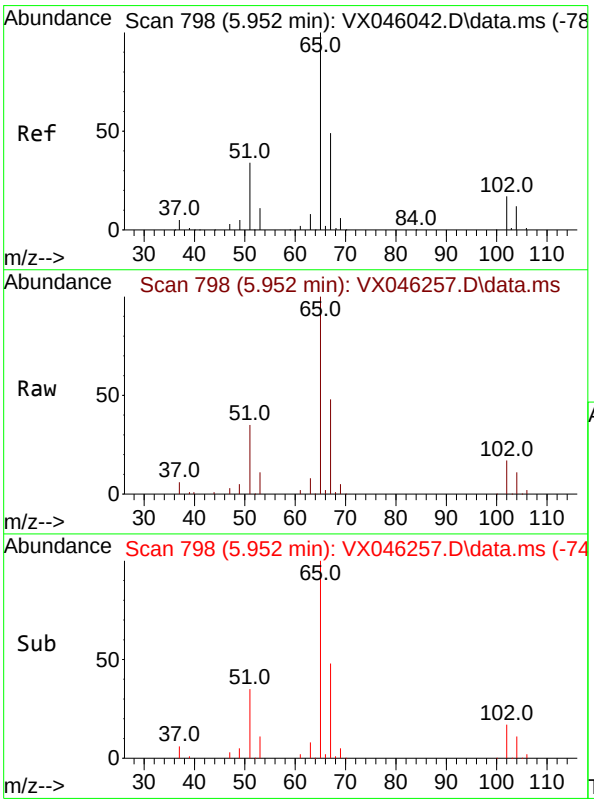
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Tgt Ion:168 Resp: 62503

Ion	Ratio	Lower	Upper
168	100		
99	74.3	54.9	82.3

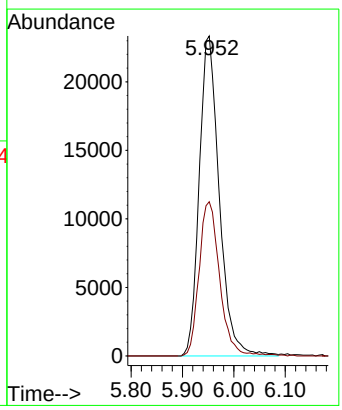


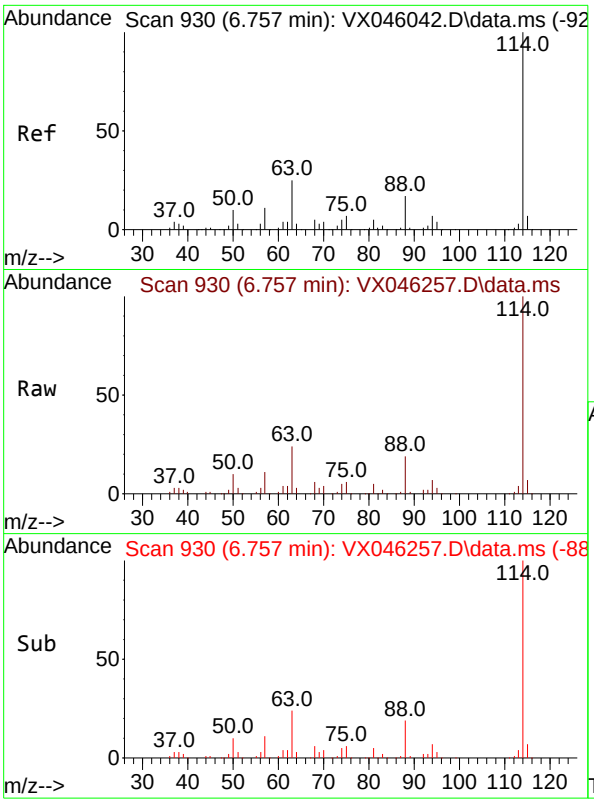


#33
1,2-Dichloroethane-d4
Concen: 54.143 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Tgt Ion: 65 Resp: 63090

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0



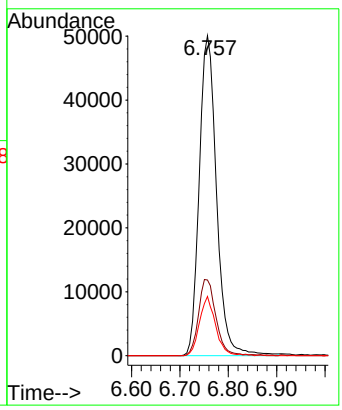


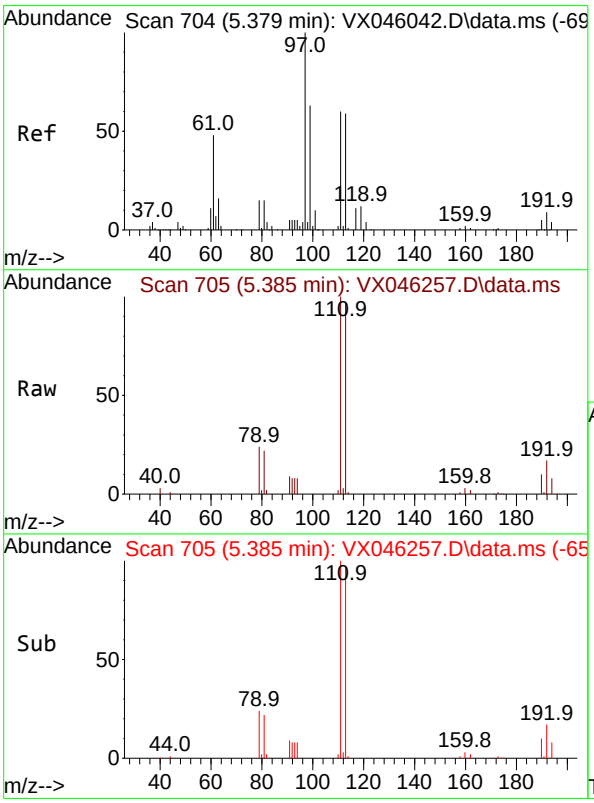
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Tgt Ion:114 Resp: 124684

Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	49.2
88	18.5	0.0	33.6

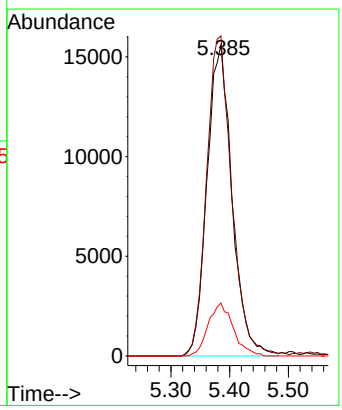


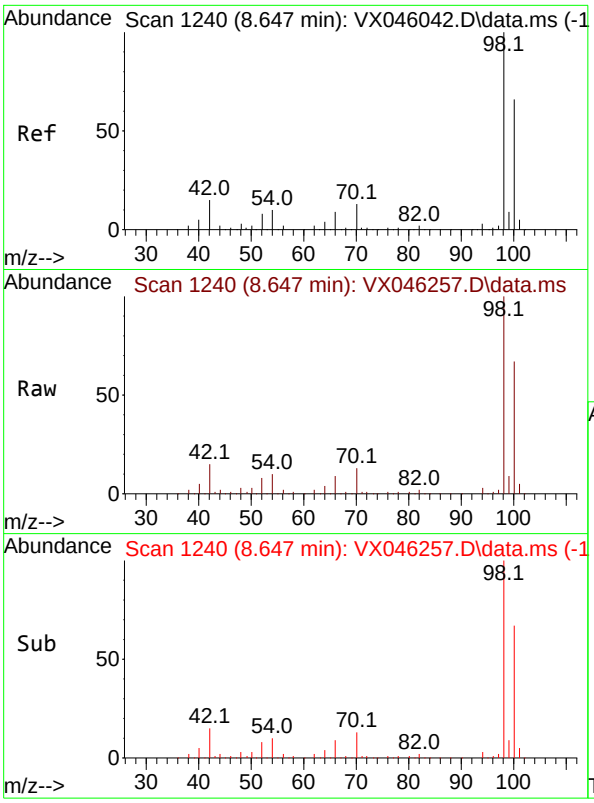


#35
Dibromofluoromethane
Concen: 51.402 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Tgt Ion:113 Resp: 46152

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	17.0	13.3	19.9



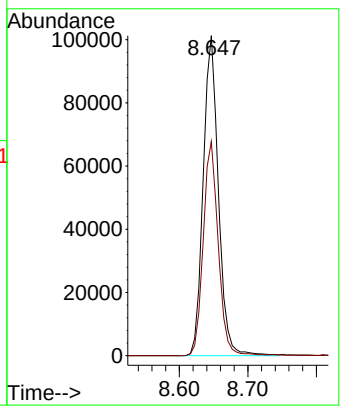


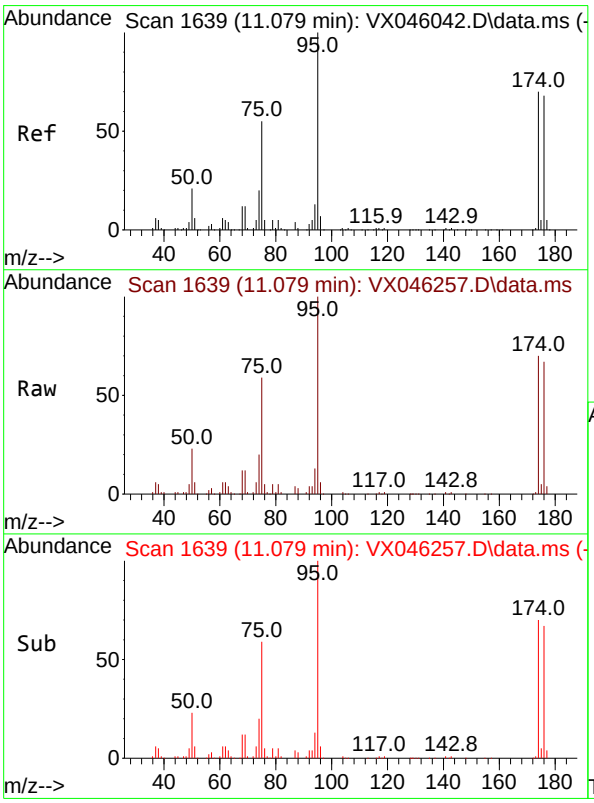
#50
Toluene-d8
Concen: 50.386 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Tgt Ion: 98 Resp: 156579

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.5	80.3

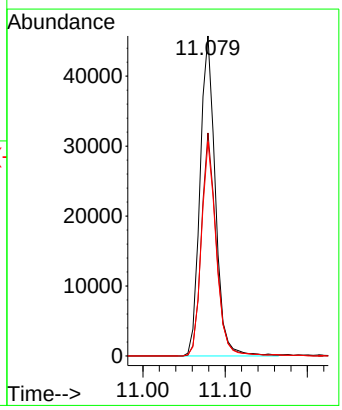


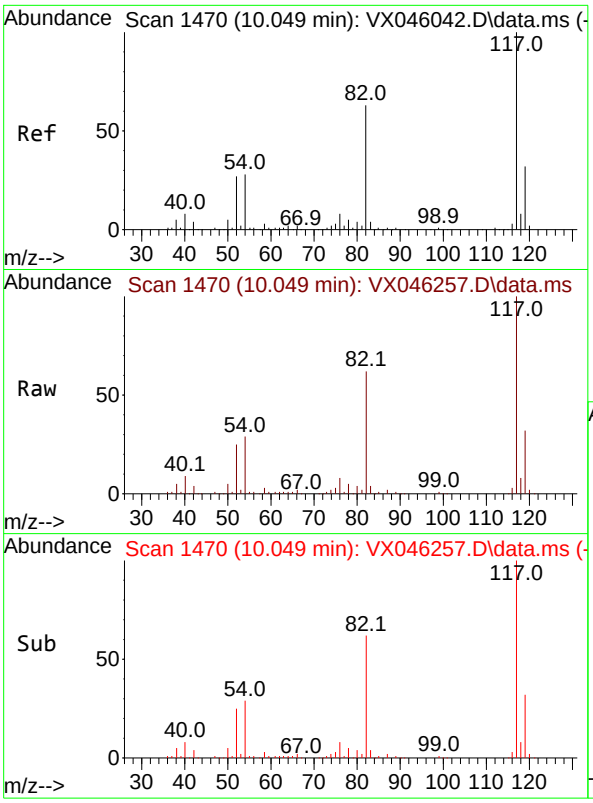


#62
4-Bromofluorobenzene
Concen: 49.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Tgt Ion: 95 Resp: 59083

Ion	Ratio	Lower	Upper
95	100		
174	67.5	0.0	135.8
176	64.9	0.0	131.4



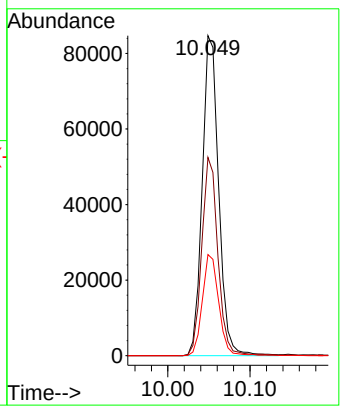


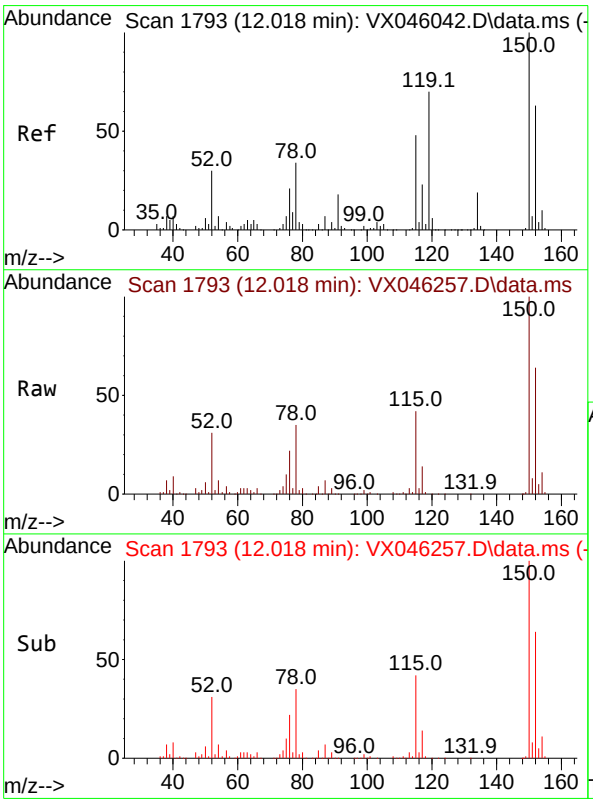
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Tgt Ion:117 Resp: 117918

Ion	Ratio	Lower	Upper
117	100		
82	62.0	50.6	76.0
119	31.6	25.8	38.6

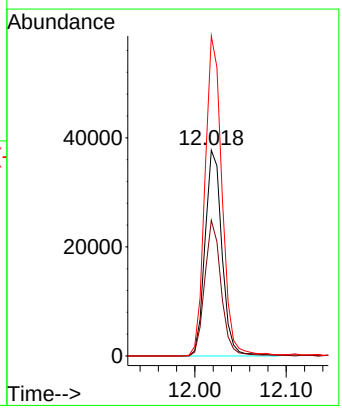




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046257.D
Acq: 19 May 2025 11:02

Tgt Ion:152 Resp: 48295

Ion	Ratio	Lower	Upper
152	100		
115	64.3	46.9	140.7
150	156.2	0.0	351.0



Sample Results: **VX046257.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

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

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

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Title : SW846 8260

Signal : TIC: VX046257.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	23	28	38	rBV2	5281	11818	2.69%	0.506%
2	1.575	71	80	81	rBV2	4413	9560	2.18%	0.410%
3	1.611	85	86	93	rVB4	6517	10154	2.31%	0.435%
4	5.385	693	705	721	rBV	52968	157953	35.98%	6.768%
5	5.544	721	731	751	rVB	73875	210790	48.02%	9.031%
6	5.952	788	798	814	rBV	60739	165458	37.69%	7.089%
7	6.757	921	930	945	rBV	129851	316599	72.12%	13.565%
8	8.647	1233	1240	1254	rBV	282503	438960	100.00%	18.807%
9	10.049	1465	1470	1485	rBV	287220	396808	90.40%	17.001%
10	11.079	1634	1639	1652	rBV	226830	288494	65.72%	12.361%
11	12.018	1788	1793	1806	rBV	263994	327397	74.58%	14.027%

Sum of corrected areas: 2333991

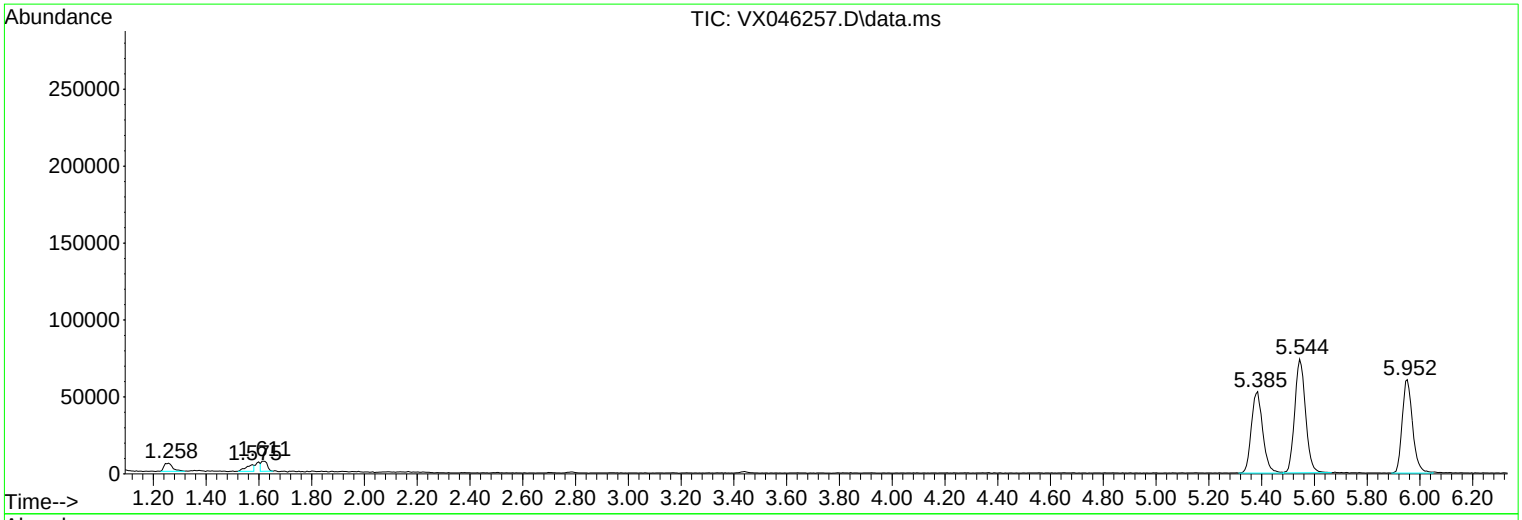
Sample Results: **VX046257.D**

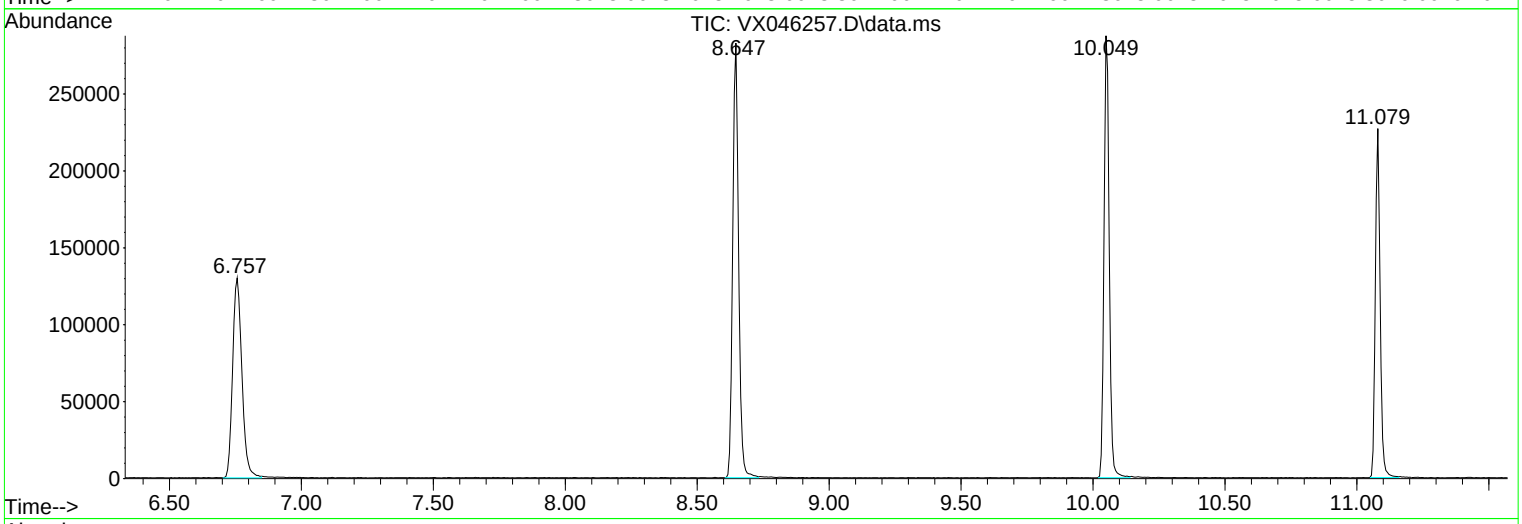
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

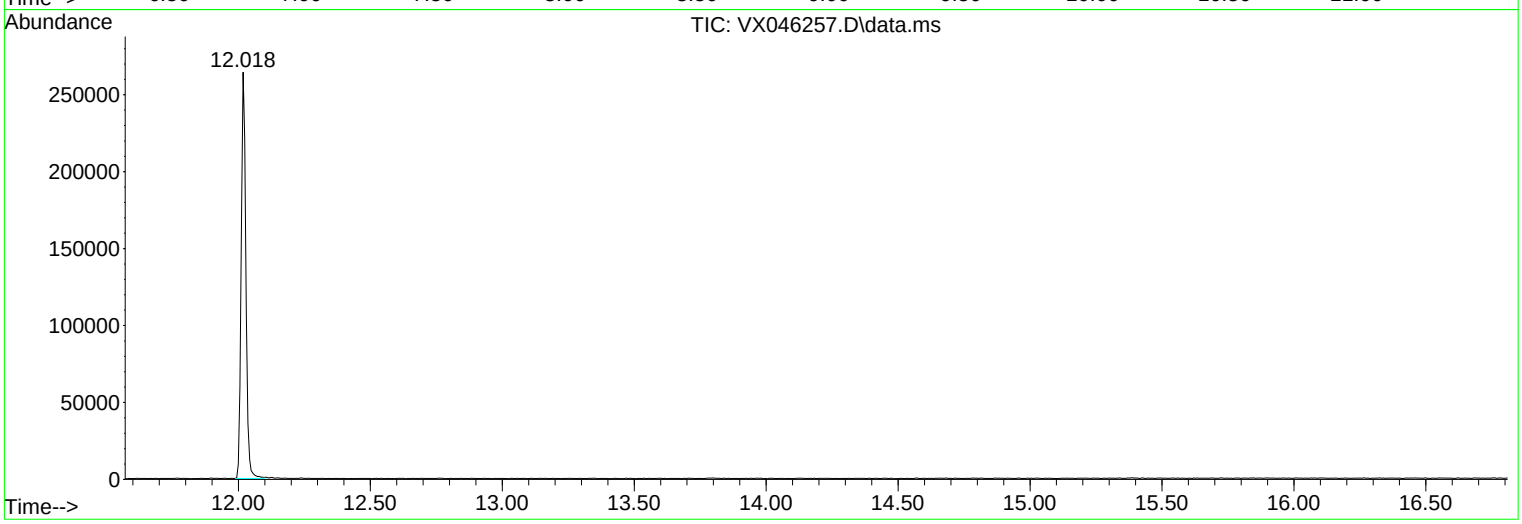
Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX046257.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046257.D
Acq On : 19 May 2025 11:02
Operator : JC/MD
Sample : VX0519WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046258.D
Acq On : 19 May 2025 11:25
Operator : JC/MD
Sample : VX0519WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 23:06:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	91585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	158835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66879	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88116	51.607	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.220%			
35) Dibromofluoromethane	5.385	113	60766	53.127	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.260%			
50) Toluene-d8	8.647	98	204172	51.575	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.140%			
62) 4-Bromofluorobenzene	11.079	95	78102	51.433	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26163	18.664	ug/l	97
3) Chloromethane	1.307	50	24022	17.672	ug/l	99
4) Vinyl Chloride	1.374	62	21728	17.174	ug/l	99
5) Bromomethane	1.599	94	10888	18.555	ug/l	99
6) Chloroethane	1.672	64	13012	19.266	ug/l	99
7) Trichlorofluoromethane	1.880	101	35167	18.808	ug/l	96
8) Diethyl Ether	2.136	74	11436	17.967	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	21986	19.001	ug/l	98
10) Methyl Iodide	2.447	142	22257	16.256	ug/l	99
11) Tert butyl alcohol	2.971	59	23079	96.294	ug/l	100
12) 1,1-Dichloroethene	2.312	96	19928	18.350	ug/l	99
13) Acrolein	2.239	56	21625	79.227	ug/l	99
14) Allyl chloride	2.660	41	39571	19.066	ug/l	97
15) Acrylonitrile	3.062	53	68193	99.504	ug/l	99
16) Acetone	2.386	43	65401	95.531	ug/l	100
17) Carbon Disulfide	2.508	76	40417	15.698	ug/l	98
18) Methyl Acetate	2.703	43	35904	22.601	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	72372	19.009	ug/l	98
20) Methylene Chloride	2.782	84	23718	18.079	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	19873	18.197	ug/l	99
22) Diisopropyl ether	3.757	45	77609	19.358	ug/l	89
23) Vinyl Acetate	3.721	43	330626	93.764	ug/l	99
24) 1,1-Dichloroethane	3.605	63	43022	19.267	ug/l	98
25) 2-Butanone	4.556	43	98037	98.639	ug/l	98
26) 2,2-Dichloropropane	4.471	77	32249	18.451	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	24145	18.365	ug/l	98
28) Bromochloromethane	4.897	49	23030	21.426	ug/l	96
29) Tetrahydrofuran	5.007	42	61341	98.492	ug/l	99
30) Chloroform	5.086	83	45790	19.674	ug/l	97
31) Cyclohexane	5.458	56	36164	17.773	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	38499	19.082	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27229	17.718	ug/l	97
37) Ethyl Acetate	4.714	43	35800	18.855	ug/l	99
38) Carbon Tetrachloride	5.672	117	32935	19.074	ug/l	96
39) Methylcyclohexane	7.372	83	34876	17.628	ug/l	96
40) Benzene	6.031	78	85691	19.037	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046258.D
Acq On : 19 May 2025 11:25
Operator : JC/MD
Sample : VX0519WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 23:06:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	19793	19.928	ug/l		97
42) 1,2-Dichloroethane	6.080	62	38460	19.797	ug/l		100
43) Isopropyl Acetate	6.342	43	56874	19.635	ug/l		98
44) Trichloroethene	7.123	130	19711	18.194	ug/l		90
45) 1,2-Dichloropropane	7.427	63	22322	19.943	ug/l		98
46) Dibromomethane	7.580	93	17167	19.446	ug/l		98
47) Bromodichloromethane	7.818	83	34706	19.960	ug/l		96
48) Methyl methacrylate	7.690	41	29632	20.031	ug/l		98
49) 1,4-Dioxane	7.659	88	11445	407.470	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	192103	99.913	ug/l		99
52) Toluene	8.714	92	53924	19.536	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	28589	18.499	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	32448	18.996	ug/l		94
55) 1,1,2-Trichloroethane	9.147	97	22179	20.379	ug/l		96
56) Ethyl methacrylate	9.116	69	33552	19.343	ug/l		98
57) 1,3-Dichloropropane	9.305	76	38236	19.562	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	82645	93.456	ug/l		100
59) 2-Hexanone	9.427	43	143585	100.940	ug/l		99
60) Dibromochloromethane	9.518	129	23814	19.924	ug/l		100
61) 1,2-Dibromoethane	9.610	107	22227	19.649	ug/l		98
64) Tetrachloroethene	9.268	164	18066	17.886	ug/l		96
65) Chlorobenzene	10.073	112	57845	18.513	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20506	19.220	ug/l		100
67) Ethyl Benzene	10.189	91	104062	18.894	ug/l		99
68) m/p-Xylenes	10.299	106	74816	37.141	ug/l		96
69) o-Xylene	10.640	106	37343	19.015	ug/l		97
70) Styrene	10.652	104	63479	19.732	ug/l		99
71) Bromoform	10.799	173	15204	18.981	ug/l	#	97
73) Isopropylbenzene	10.957	105	101409	19.477	ug/l		100
74) N-amyl acetate	10.841	43	48129	18.706	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35171	19.276	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	30324m	18.837	ug/l		
77) Bromobenzene	11.195	156	22145	18.320	ug/l		95
78) n-propylbenzene	11.299	91	113110	18.683	ug/l		100
79) 2-Chlorotoluene	11.360	91	72633	18.600	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	84589	19.446	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8340	16.867	ug/l		93
82) 4-Chlorotoluene	11.451	91	82807	19.122	ug/l		100
83) tert-Butylbenzene	11.713	119	85062	19.414	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	85052	19.308	ug/l		100
85) sec-Butylbenzene	11.890	105	102527	19.058	ug/l		99
86) p-Isopropyltoluene	12.006	119	84578	19.046	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	41388	18.761	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	40939	18.171	ug/l		96
89) n-Butylbenzene	12.329	91	70827	18.183	ug/l		99
90) Hexachloroethane	12.536	117	14388	18.391	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	42690	19.283	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7673	18.983	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	22616	17.786	ug/l		96
94) Hexachlorobutadiene	13.725	225	10164	18.303	ug/l		97
95) Naphthalene	13.774	128	79390	17.024	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	23795	18.136	ug/l		95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046258.D
Acq On : 19 May 2025 11:25
Operator : JC/MD
Sample : VX0519WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 23:06:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

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

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

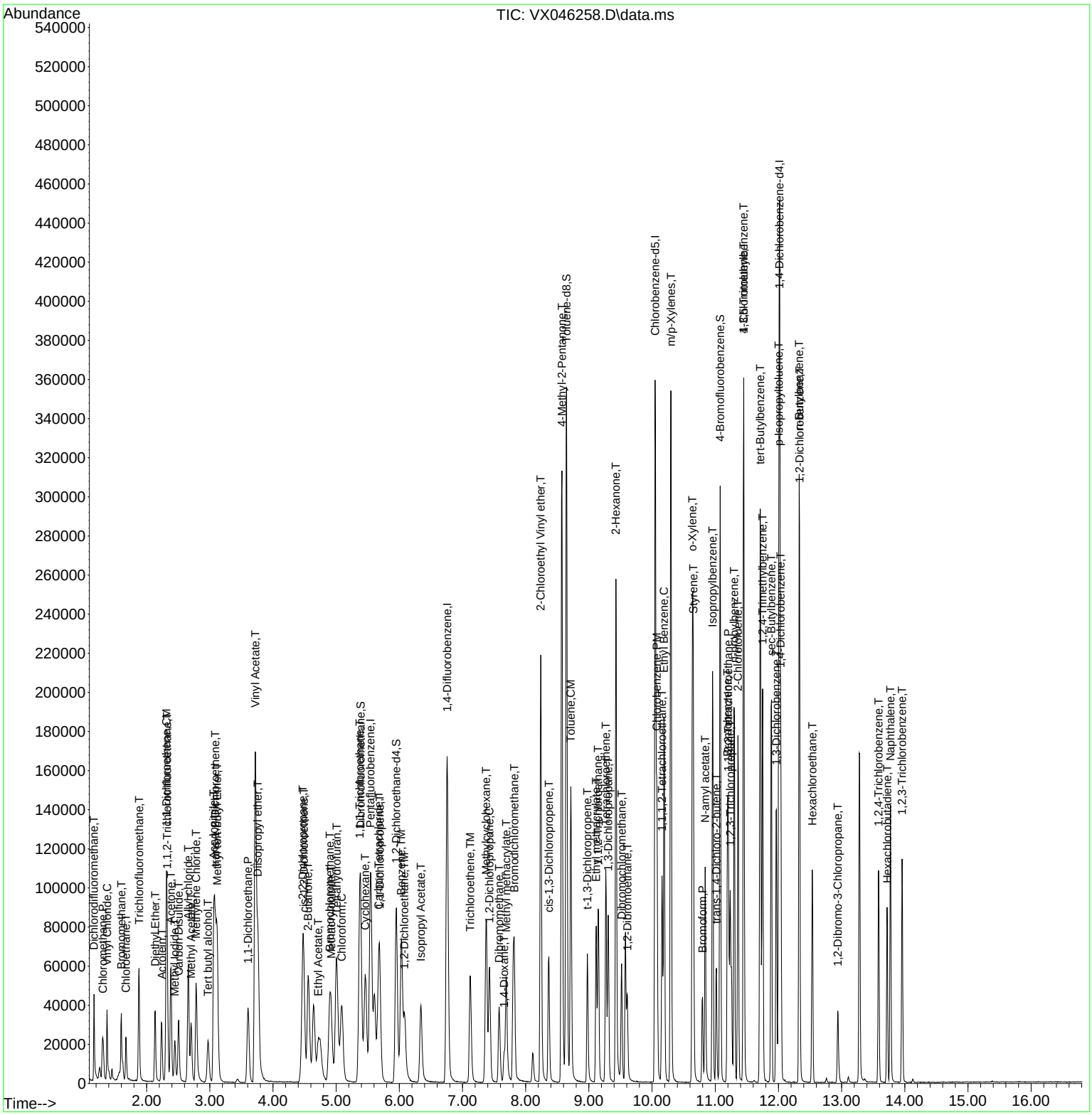
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046258.D
Acq On : 19 May 2025 11:25
Operator : JC/MD
Sample : VX0519WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 19 23:06:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046259.D
Acq On : 19 May 2025 11:53
Operator : JC/MD
Sample : VX0519WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 19 23:07:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	87263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	150978	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	84643	52.028	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.060%			
35) Dibromofluoromethane	5.379	113	57543	52.928	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.860%			
50) Toluene-d8	8.647	98	193249	51.356	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.720%			
62) 4-Bromofluorobenzene	11.079	95	74331	51.497	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	24053	18.009	ug/l	96
3) Chloromethane	1.307	50	22394	17.290	ug/l	99
4) Vinyl Chloride	1.374	62	20162	16.726	ug/l	96
5) Bromomethane	1.593	94	9591	17.154	ug/l	100
6) Chloroethane	1.673	64	11432	17.765	ug/l	100
7) Trichlorofluoromethane	1.880	101	32823	18.424	ug/l	99
8) Diethyl Ether	2.136	74	11155	18.393	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	20365	18.472	ug/l	99
10) Methyl Iodide	2.447	142	21735	16.661	ug/l	99
11) Tert butyl alcohol	2.971	59	23837	104.382	ug/l	97
12) 1,1-Dichloroethene	2.313	96	18561	17.938	ug/l	99
13) Acrolein	2.233	56	20993	80.721	ug/l	100
14) Allyl chloride	2.654	41	37096	18.759	ug/l	97
15) Acrylonitrile	3.063	53	66231	101.428	ug/l	99
16) Acetone	2.380	43	64397	98.724	ug/l	99
17) Carbon Disulfide	2.502	76	36970	15.071	ug/l	97
18) Methyl Acetate	2.703	43	35356	23.358	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	70635	19.471	ug/l	95
20) Methylene Chloride	2.782	84	22283	17.826	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	18725	17.995	ug/l	95
22) Diisopropyl ether	3.758	45	75925	19.876	ug/l	93
23) Vinyl Acetate	3.721	43	324003	96.437	ug/l	99
24) 1,1-Dichloroethane	3.599	63	40455	19.014	ug/l	98
25) 2-Butanone	4.556	43	96498	101.899	ug/l	98
26) 2,2-Dichloropropane	4.465	77	29528	17.731	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	23862	19.049	ug/l	97
28) Bromochloromethane	4.891	49	21443	20.938	ug/l	99
29) Tetrahydrofuran	5.001	42	61012	102.816	ug/l	98
30) Chloroform	5.087	83	44217	19.939	ug/l	100
31) Cyclohexane	5.465	56	34187	17.633	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	36865	19.177	ug/l	99
36) 1,1-Dichloropropene	5.684	75	25897	17.728	ug/l	98
37) Ethyl Acetate	4.715	43	34382	19.051	ug/l	99
38) Carbon Tetrachloride	5.672	117	30875	18.811	ug/l	99
39) Methylcyclohexane	7.373	83	32313	17.182	ug/l	96
40) Benzene	6.032	78	81819	19.122	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046259.D
Acq On : 19 May 2025 11:53
Operator : JC/MD
Sample : VX0519WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 19 23:07:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	20373	21.579	ug/l		99
42) 1,2-Dichloroethane	6.080	62	37427	20.267	ug/l		99
43) Isopropyl Acetate	6.336	43	54907	19.942	ug/l		100
44) Trichloroethene	7.123	130	19111	18.558	ug/l		97
45) 1,2-Dichloropropane	7.428	63	19869	18.675	ug/l		98
46) Dibromomethane	7.580	93	16651	19.843	ug/l		100
47) Bromodichloromethane	7.818	83	32824	19.861	ug/l		99
48) Methyl methacrylate	7.690	41	29191	20.760	ug/l		95
49) 1,4-Dioxane	7.659	88	11265	421.933	ug/l		97
51) 4-Methyl-2-Pentanone	8.568	43	190473	104.221	ug/l		100
52) Toluene	8.714	92	50238	19.148	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	27640	18.815	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	31384	19.329	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	21003	20.302	ug/l		97
56) Ethyl methacrylate	9.116	69	32978	20.001	ug/l		98
57) 1,3-Dichloropropane	9.305	76	37223	20.035	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	81477	96.930	ug/l		98
59) 2-Hexanone	9.427	43	143472	106.109	ug/l		100
60) Dibromochloromethane	9.519	129	22336	19.660	ug/l		98
61) 1,2-Dibromoethane	9.604	107	21729	20.209	ug/l		98
64) Tetrachloroethene	9.269	164	17073	18.237	ug/l		90
65) Chlorobenzene	10.073	112	54256	18.735	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.159	131	19365	19.582	ug/l		99
67) Ethyl Benzene	10.189	91	96865	18.975	ug/l		99
68) m/p-Xylenes	10.299	106	71386	38.234	ug/l		97
69) o-Xylene	10.640	106	34722	19.075	ug/l		95
70) Styrene	10.653	104	59040	19.800	ug/l		99
71) Bromoform	10.799	173	14287	19.243	ug/l	#	96
73) Isopropylbenzene	10.957	105	94808	19.152	ug/l		100
74) N-amyl acetate	10.842	43	47522	19.427	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.207	83	33849	19.512	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	29880m	19.523	ug/l		
77) Bromobenzene	11.195	156	22274	19.381	ug/l		97
78) n-propylbenzene	11.299	91	110079	19.125	ug/l		99
79) 2-Chlorotoluene	11.360	91	69282	18.661	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	79492	19.221	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	7819	16.632	ug/l		88
82) 4-Chlorotoluene	11.451	91	79386	19.282	ug/l		100
83) tert-Butylbenzene	11.713	119	78714	18.896	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	81650	19.496	ug/l		98
85) sec-Butylbenzene	11.890	105	98747	19.306	ug/l		100
86) p-Isopropyltoluene	12.006	119	81895	19.398	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	39428	18.798	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	40234	18.783	ug/l		98
89) n-Butylbenzene	12.329	91	69047	18.645	ug/l		99
90) Hexachloroethane	12.536	117	14001	18.824	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	41580	19.755	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7677	19.976	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	22494	18.607	ug/l		97
94) Hexachlorobutadiene	13.719	225	10367	19.635	ug/l		98
95) Naphthalene	13.774	128	81954	18.484	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	24173	19.379	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046259.D
Acq On : 19 May 2025 11:53
Operator : JC/MD
Sample : VX0519WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 19 23:07:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

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

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

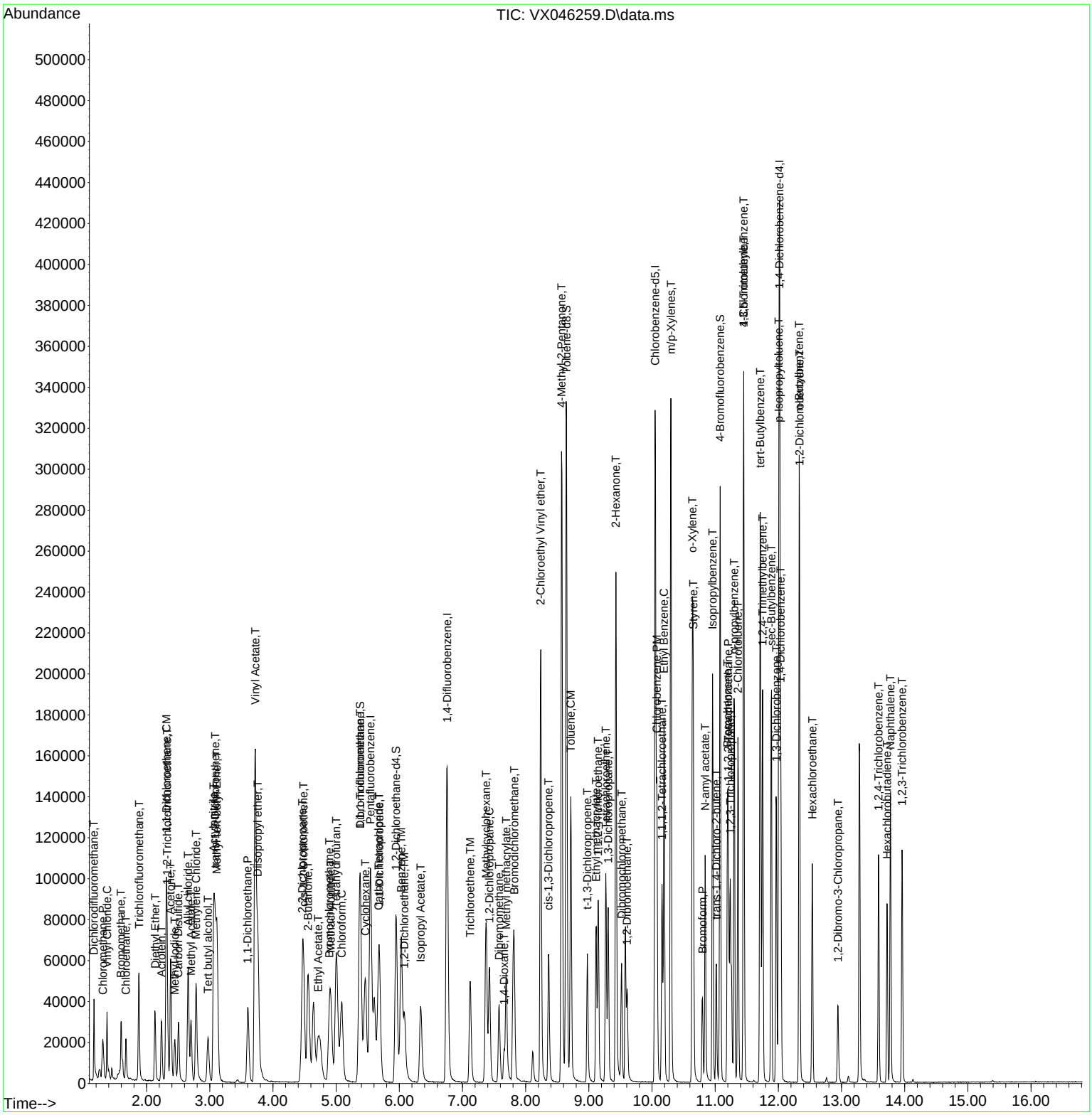
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
Data File : VX046259.D
Acq On : 19 May 2025 11:53
Operator : JC/MD
Sample : VX0519WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 19 23:07:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



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

Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC020	VX046041.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:13 AM	MMDadoda	5/6/2025 12:42:46 PM	Peak Integrated by Software
VSTDICCC050	VX046042.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:18 AM	MMDadoda	5/6/2025 12:42:48 PM	Peak Integrated by Software
VSTDICC100	VX046043.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:22 AM	MMDadoda	5/6/2025 12:42:50 PM	Peak Integrated by Software
VSTDICC150	VX046044.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:27 AM	MMDadoda	5/6/2025 12:42:53 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC005	VX046046.D	Ethyl Acetate	JOHN	5/6/2025 9:53:32 AM	MMDadoda	5/6/2025 12:42:56 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	1,4-Dichlorobenzene	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Bromochloromethane	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Ethyl Acetate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICC001	VX046047.D	Methyl methacrylate	JOHN	5/6/2025 9:53:38 AM	MMDadoda	5/6/2025 12:41:35 PM	Peak Integrated by Software
VSTDICV050	VX046048.D	1,2,3-Trichloropropane	JOHN	5/6/2025 9:53:45 AM	MMDadoda	5/6/2025 12:41:37 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	VX050525	Instrument	MSVOA_x

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

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

Manual Integration Report

Sequence:	vx051925	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046255.D	1,2,3-Trichloropropane	JOHN	5/21/2025 9:53:07 AM	MMDadoda	5/21/2025 3:45:24 PM	Peak Integrated by Software
VX0519WBS01	VX046258.D	1,2,3-Trichloropropane	JOHN	5/21/2025 9:53:11 AM	MMDadoda	5/21/2025 3:45:27 PM	Peak Integrated by Software
VX0519WBSD01	VX046259.D	1,2,3-Trichloropropane	JOHN	5/21/2025 9:53:16 AM	MMDadoda	5/21/2025 3:45:32 PM	Peak Integrated by Software
VSTDCCC050	VX046282.D	1,2,3-Trichloropropane	JOHN	5/21/2025 9:54:11 AM	MMDadoda	5/21/2025 3:46:14 PM	Peak Integrated by Software

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046038.D	05 May 2025 09:37	JC/MD	Ok
2	VSTDICC001	VX046039.D	05 May 2025 10:49	JC/MD	Not Ok
3	VSTDICC005	VX046040.D	05 May 2025 11:12	JC/MD	Not Ok
4	VSTDICC020	VX046041.D	05 May 2025 11:35	JC/MD	Ok,M
5	VSTDICCC050	VX046042.D	05 May 2025 11:58	JC/MD	Ok,M
6	VSTDICC100	VX046043.D	05 May 2025 12:21	JC/MD	Ok,M
7	VSTDICC150	VX046044.D	05 May 2025 12:45	JC/MD	Ok,M
8	IBLK	VX046045.D	05 May 2025 13:08	JC/MD	Ok
9	VSTDICC005	VX046046.D	05 May 2025 16:04	JC/MD	Ok,M
10	VSTDICC001	VX046047.D	05 May 2025 16:27	JC/MD	Ok,M
11	VSTDICV050	VX046048.D	05 May 2025 16:50	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051925

Review By	John Carlone	Review On	5/21/2025 9:57:32 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/21/2025 3:46:34 PM		
SubDirectory	VX051925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133957
Initial Calibration Stds	
CCC	VP133958,VP133959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046254.D	19 May 2025 09:33	JC/MD	Ok
2	VSTDCCC050	VX046255.D	19 May 2025 10:05	JC/MD	Ok,M
3	VX0519MBL01	VX046256.D	19 May 2025 10:39	JC/MD	Ok
4	VX0519WBL01	VX046257.D	19 May 2025 11:02	JC/MD	Ok
5	VX0519WBS01	VX046258.D	19 May 2025 11:25	JC/MD	Ok,M
6	VX0519WBSD01	VX046259.D	19 May 2025 11:53	JC/MD	Ok,M
7	Q2053-11	VX046260.D	19 May 2025 12:17	JC/MD	Not Ok
8	Q2052-04	VX046261.D	19 May 2025 12:40	JC/MD	Ok
9	Q2057-04	VX046262.D	19 May 2025 13:03	JC/MD	Ok
10	Q2062-04	VX046263.D	19 May 2025 13:27	JC/MD	Ok
11	Q2062-08	VX046264.D	19 May 2025 13:50	JC/MD	Ok
12	Q2062-12	VX046265.D	19 May 2025 14:14	JC/MD	Ok
13	Q2062-16	VX046266.D	19 May 2025 14:37	JC/MD	Ok
14	Q2062-20	VX046267.D	19 May 2025 15:00	JC/MD	Ok
15	Q2062-24	VX046268.D	19 May 2025 15:24	JC/MD	Ok
16	Q2053-11	VX046269.D	19 May 2025 15:47	JC/MD	Ok,M
17	Q2053-01	VX046270.D	19 May 2025 16:11	JC/MD	Ok,M
18	Q2053-02	VX046271.D	19 May 2025 16:34	JC/MD	Ok,M
19	Q2053-03	VX046272.D	19 May 2025 16:58	JC/MD	Ok
20	Q2053-04	VX046273.D	19 May 2025 17:21	JC/MD	Ok
21	Q2053-05	VX046274.D	19 May 2025 17:45	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051925

Review By	John Carlone	Review On	5/21/2025 9:57:32 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/21/2025 3:46:34 PM		
SubDirectory	VX051925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133957
Initial Calibration Stds	
CCC	VP133958,VP133959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2053-06	VX046275.D	19 May 2025 18:08	JC/MD	Ok,M
23	Q2053-07	VX046276.D	19 May 2025 18:32	JC/MD	Ok,M
24	Q2053-08	VX046277.D	19 May 2025 18:55	JC/MD	Ok,M
25	Q2053-09	VX046278.D	19 May 2025 19:19	JC/MD	Ok,M
26	Q2053-10	VX046279.D	19 May 2025 19:42	JC/MD	Ok,M
27	Q2073-01	VX046280.D	19 May 2025 20:06	JC/MD	Ok
28	Q2073-02	VX046281.D	19 May 2025 20:29	JC/MD	Ok
29	VSTDCCC050	VX046282.D	19 May 2025 20:52	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050525

Review By	John Carlone	Review On	5/6/2025 9:53:58 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/6/2025 12:43:00 PM		
SubDirectory	VX050525	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133811
Initial Calibration Stds	VP133832,VP133833,VP133834,VP133835,VP133836,VP133837
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP133838
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046038.D	05 May 2025 09:37		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046039.D	05 May 2025 10:49	Not used	JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046040.D	05 May 2025 11:12	Not used	JC/MD	Not Ok
4	VSTDICC020	VSTDICC020	VX046041.D	05 May 2025 11:35		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046042.D	05 May 2025 11:58		JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046043.D	05 May 2025 12:21		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046044.D	05 May 2025 12:45		JC/MD	Ok,M
8	IBLK	IBLK	VX046045.D	05 May 2025 13:08		JC/MD	Ok
9	VSTDICC005	VSTDICC005	VX046046.D	05 May 2025 16:04		JC/MD	Ok,M
10	VSTDICC001	VSTDICC001	VX046047.D	05 May 2025 16:27		JC/MD	Ok,M
11	VSTDICV050	ICVVX050525	VX046048.D	05 May 2025 16:50		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051925

Review By	John Carlone	Review On	5/21/2025 9:57:32 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/21/2025 3:46:34 PM		
SubDirectory	VX051925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133957
Initial Calibration Stds	
CCC	VP133958,VP133959
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	VX046254.D	19 May 2025 09:33		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046255.D	19 May 2025 10:05	pH#Lot#V12668	JC/MD	Ok,M
3	VX0519MBL01	VX0519MBL01	VX046256.D	19 May 2025 10:39		JC/MD	Ok
4	VX0519WBL01	VX0519WBL01	VX046257.D	19 May 2025 11:02		JC/MD	Ok
5	VX0519WBS01	VX0519WBS01	VX046258.D	19 May 2025 11:25		JC/MD	Ok,M
6	VX0519WBSD01	VX0519WBSD01	VX046259.D	19 May 2025 11:53		JC/MD	Ok,M
7	Q2053-11	SB-11	VX046260.D	19 May 2025 12:17	Need Straight Run	JC/MD	Not Ok
8	Q2052-04	TP-B	VX046261.D	19 May 2025 12:40	vial A pH#5.0	JC/MD	Ok
9	Q2057-04	MH-L	VX046262.D	19 May 2025 13:03	vial A pH#5.0	JC/MD	Ok
10	Q2062-04	L1-WC-1	VX046263.D	19 May 2025 13:27	vial A pH#5.0	JC/MD	Ok
11	Q2062-08	L1-WC-2	VX046264.D	19 May 2025 13:50	vial A pH#5.0	JC/MD	Ok
12	Q2062-12	L1-WC-3	VX046265.D	19 May 2025 14:14	vial A pH#5.0	JC/MD	Ok
13	Q2062-16	L1-WC-4	VX046266.D	19 May 2025 14:37	vial A pH#5.0	JC/MD	Ok
14	Q2062-20	L1-WC-5	VX046267.D	19 May 2025 15:00	vial A pH#5.0	JC/MD	Ok
15	Q2062-24	L1-WC-6	VX046268.D	19 May 2025 15:24	vial A pH#5.0	JC/MD	Ok
16	Q2053-11	SB-11	VX046269.D	19 May 2025 15:47	vial A pH#5.0	JC/MD	Ok,M
17	Q2053-01	SB-1	VX046270.D	19 May 2025 16:11	vial A pH#5.0	JC/MD	Ok,M
18	Q2053-02	SB-2	VX046271.D	19 May 2025 16:34	vial A pH#5.0	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX051925

Review By	John Carlone	Review On	5/21/2025 9:57:32 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/21/2025 3:46:34 PM		
SubDirectory	VX051925	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133957
Initial Calibration Stds	
CCC	VP133958,VP133959
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2053-03	SB-3	VX046272.D	19 May 2025 16:58	vial A pH#5.0	JC/MD	Ok
20	Q2053-04	SB-4	VX046273.D	19 May 2025 17:21	vial A pH#5.0	JC/MD	Ok
21	Q2053-05	SB-5	VX046274.D	19 May 2025 17:45	vial A pH#5.0	JC/MD	Ok
22	Q2053-06	SB-6	VX046275.D	19 May 2025 18:08	vial A pH#5.0	JC/MD	Ok,M
23	Q2053-07	SB-7	VX046276.D	19 May 2025 18:32	vial A pH#5.0	JC/MD	Ok,M
24	Q2053-08	SB-8	VX046277.D	19 May 2025 18:55	vial A pH#5.0	JC/MD	Ok,M
25	Q2053-09	SB-9	VX046278.D	19 May 2025 19:19	vial A pH#5.0	JC/MD	Ok,M
26	Q2053-10	SB-10	VX046279.D	19 May 2025 19:42	vial A pH#5.0	JC/MD	Ok,M
27	Q2073-01	GDW1	VX046280.D	19 May 2025 20:06	vial A pH<2	JC/MD	Ok
28	Q2073-02	GDW2	VX046281.D	19 May 2025 20:29	vial A pH<2	JC/MD	Ok
29	VSTDCCC050	VSTDCCC050EC	VX046282.D	19 May 2025 20:52		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2073	**OrderDate:**	5/16/2025 2:51:00 PM
Client:	G Environmental	**Project:**	Nelson
Contact:	Gary Landis	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2073-01	**GDW1**	**Water**			**05/16/25**			**05/16/25**
			VOCMS Group1	8260-Low			05/19/25	
Q2073-02	**GDW2**	**Water**			**05/16/25**			**05/16/25**
			VOCMS Group1	8260-Low			05/19/25	