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

Hit Summary Sheet
SW-846

SDG No.: Q2114

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GAW1**								
Q2114-01	GAW1	Water	Chloromethane		0.70	J	0.32	1.00	ug/L
Q2114-01	GAW1	Water	Acetone		3.10	J	1.50	5.00	ug/L
Q2114-01	GAW1	Water	Isopropylbenzene		0.42	J	0.12	1.00	ug/L
Q2114-01	GAW1	Water	1,2,4-Trimethylbenzene		1.20		0.14	1.00	ug/L
			Total Voc :		5.42				
Q2114-01	GAW1	Water	Naphthalene, 1-methyl-	*	9.80	J	0	0	ug/L
Q2114-01	GAW1	Water	Naphthalene, 1,7-dimethyl-	*	5.90	J	0	0	ug/L
Q2114-01	GAW1	Water	Naphthalene, 1,6-dimethyl-	*	5.80	J	0	0	ug/L
Q2114-01	GAW1	Water	Benzene, (1,2-dimethyl-1-prop(	*	5.50	J	0	0	ug/L
Q2114-01	GAW1	Water	1-Phenyl-1-butene	*	7.50	J	0	0	ug/L
Q2114-01	GAW1	Water	1H-Indene, 1-ethylidene-	*	5.50	J	0	0	ug/L
Q2114-01	GAW1	Water	2,2-Dimethylindene, 2,3-dihydı	*	8.90	J	0	0	ug/L
Q2114-01	GAW1	Water	n-propylbenzene	*	0.34	J	0.13	1.00	ug/L
Q2114-01	GAW1	Water	sec-Butylbenzene	*	0.49	J	0.13	1.00	ug/L
			Total Tics :		49.7				
			Total Concentration:		55.1				

SAMPLE DATA

Raw Data: **VX046351.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:	05/22/25
Project:	Mt. Holly	Date Received:	05/22/25
Client Sample ID:	GAW1	SDG No.:	Q2114
Lab Sample ID:	Q2114-01	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
VX046351.D	1		05/23/25 17:36	VX052325

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	0.70	J	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	3.10	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	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: **VX046351.D**

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

Client:	G Environmental	Date Collected:	05/22/25
Project:	Mt. Holly	Date Received:	05/22/25
Client Sample ID:	GAW1	SDG No.:	Q2114
Lab Sample ID:	Q2114-01	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
VX046351.D	1		05/23/25 17:36	VX052325

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	0.42	J	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.20		0.14	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	54.5		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.2		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	50.9		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		70 (77) - 130 (121)	103%	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	51000	12.018			

Raw Data: **VX046351.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:	05/22/25
Project:	Mt. Holly	Date Received:	05/22/25
Client Sample ID:	GAW1	SDG No.:	Q2114
Lab Sample ID:	Q2114-01	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
VX046351.D	1		05/23/25 17:36	VX052325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
103-65-1	n-propylbenzene	0.34	J		11.3	ug/L
135-98-8	sec-Butylbenzene	0.49	J		11.9	ug/L
000824-90-8	1-Phenyl-1-butene	7.50	J		13.3	ug/L
020836-11-7	2,2-Dimethylindene, 2,3-dihydro-	8.90	J		13.7	ug/L
000769-57-3	Benzene, (1,2-dimethyl-1-propenyl)	5.50	J		14.2	ug/L
000090-12-0	Naphthalene, 1-methyl-	9.80	J		14.6	ug/L
002471-83-2	1H-Indene, 1-ethylidene-	5.50	J		14.8	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	5.80	J		15.5	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	5.90	J		15.6	ug/L

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

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

Raw Data: **VX046349.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:	05/22/25
Project:	Mt. Holly	Date Received:	05/22/25
Client Sample ID:	FB	SDG No.:	Q2114
Lab Sample ID:	Q2114-02	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
VX046349.D	1		05/23/25 16:49	VX052325

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

Raw Data: **VX046349.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:	05/22/25
Project:	Mt. Holly	Date Received:	05/22/25
Client Sample ID:	FB	SDG No.:	Q2114
Lab Sample ID:	Q2114-02	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
VX046349.D	1		05/23/25 16:49	VX052325

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
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	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	53.9		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		70 (77) - 130 (121)	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	61900	5.55			
540-36-3	1,4-Difluorobenzene	123000	6.757			
3114-55-4	Chlorobenzene-d5	116000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	49600	12.018			

Raw Data: **VX046349.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:	05/22/25
Project:	Mt. Holly			Date Received:	05/22/25
Client Sample ID:	FB			SDG No.:	Q2114
Lab Sample ID:	Q2114-02			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
VX046349.D	1		05/23/25 16:49	VX052325

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.: Q2114

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2114-01	GAW1	1,2-Dichloroethane-d4	50	54.5	109	70 (74)	130 (125)
		Dibromofluoromethane	50	52.2	104	70 (75)	130 (124)
		Toluene-d8	50	50.9	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.3	103	70 (77)	130 (121)
Q2114-02	FB	1,2-Dichloroethane-d4	50	53.9	108	70 (74)	130 (125)
		Dibromofluoromethane	50	51.2	102	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.7	101	70 (77)	130 (121)
VX0523WBL01	VX0523WBL01	1,2-Dichloroethane-d4	50	53.2	106	70 (74)	130 (125)
		Dibromofluoromethane	50	52.0	104	70 (75)	130 (124)
		Toluene-d8	50	51.1	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.9	104	70 (77)	130 (121)
VX0523WBS01	VX0523WBS01	1,2-Dichloroethane-d4	50	50.5	101	70 (74)	130 (125)
		Dibromofluoromethane	50	52.4	105	70 (75)	130 (124)
		Toluene-d8	50	50.7	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.4	103	70 (77)	130 (121)
VX0523WBSD0	VX0523WBSD01	1,2-Dichloroethane-d4	50	50.2	100	70 (74)	130 (125)
		Dibromofluoromethane	50	51.1	102	70 (75)	130 (124)
		Toluene-d8	50	50.3	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.8	104	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

( ) = LABORATORY INHOUSE LIMIT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2114

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046334.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0523WBS01	Dichlorodifluoromethane	20	19.8	ug/L	99			40 (69)	160 (116)	
	Chloromethane	20	18.7	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	17.8	ug/L	89			70 (65)	130 (117)	
	Bromomethane	20	18.3	ug/L	92			40 (58)	160 (125)	
	Chloroethane	20	19.2	ug/L	96			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.9	ug/L	100			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.1	ug/L	101			70 (80)	130 (112)	
	1,1-Dichloroethene	20	19.3	ug/L	97			70 (74)	130 (110)	
	Acetone	100	100	ug/L	100			40 (60)	160 (125)	
	Carbon disulfide	20	15.4	ug/L	77			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	20.7	ug/L	104			70 (78)	130 (114)	
	Methyl Acetate	20	24.6	ug/L	123			70 (67)	130 (125)	
	Methylene Chloride	20	18.6	ug/L	93			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.0	ug/L	95			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.3	ug/L	102			70 (78)	130 (112)	
	Cyclohexane	20	18.8	ug/L	94			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	20.4	ug/L	102			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.4	ug/L	102			70 (77)	130 (110)	
	Bromochloromethane	20	22.1	ug/L	111			70 (70)	130 (124)	
	Chloroform	20	21.0	ug/L	105			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	20.4	ug/L	102			70 (80)	130 (108)	
	Methylcyclohexane	20	18.4	ug/L	92			70 (72)	130 (115)	
	Benzene	20	20.3	ug/L	102			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.7	ug/L	104			70 (80)	130 (115)	
	Trichloroethene	20	19.8	ug/L	99			70 (77)	130 (113)	
	1,2-Dichloropropane	20	21.1	ug/L	106			70 (83)	130 (111)	
	Bromodichloromethane	20	20.8	ug/L	104			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.4	ug/L	102			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.5	ug/L	98			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.7	ug/L	104			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.8	ug/L	109			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	21.0	ug/L	105			70 (82)	130 (110)	
	1,2-Dibromoethane	20	20.7	ug/L	104			70 (81)	130 (110)	
	Tetrachloroethene	20	20.9	ug/L	104			70 (67)	130 (123)	
	Chlorobenzene	20	20.1	ug/L	101			70 (82)	130 (109)	
	Ethyl Benzene	20	20.3	ug/L	102			70 (83)	130 (109)	
	m/p-Xylenes	40	40.6	ug/L	102			70 (82)	130 (110)	
	o-Xylene	20	20.5	ug/L	103			70 (83)	130 (109)	
	Styrene	20	21.0	ug/L	105			70 (80)	130 (111)	
	Bromoform	20	19.4	ug/L	97			70 (79)	130 (109)	
	Isopropylbenzene	20	20.2	ug/L	101			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.2	ug/L	101			70 (76)	130 (118)	
	1,2,4-Trimethylbenzene	20	20.6	ug/L	103			70 (85)	130 (111)	
	1,3-Dichlorobenzene	20	20.0	ug/L	100			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2114

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046334.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0523WBS01	1,2-Dichlorobenzene	20	20.6	ug/L	103			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	20.2	ug/L	101			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.4	ug/L	97			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.4	ug/L	97			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2114

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046337.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0523WBSD01	Dichlorodifluoromethane	20	18.7	ug/L	94	5		40 (69)	160 (116)	20 (20)
	Chloromethane	20	18.5	ug/L	93	1		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	17.4	ug/L	87	2		70 (65)	130 (117)	20 (20)
	Bromomethane	20	17.6	ug/L	88	4		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.9	ug/L	100	4		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.6	ug/L	98	2		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98	3		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	18.5	ug/L	93	4		70 (74)	130 (110)	20 (20)
	Acetone	100	100	ug/L	100	0		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	14.1	ug/L	71	8		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.8	ug/L	104	0		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	24.7	ug/L	124	1		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	18.6	ug/L	93	0		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	2		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	20.5	ug/L	103	1		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	19.1	ug/L	96	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	110	ug/L	110	0		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.1	ug/L	96	6		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	20.2	ug/L	101	1		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	21.5	ug/L	108	3		70 (70)	130 (124)	20 (20)
	Chloroform	20	21.0	ug/L	105	0		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.4	ug/L	102	0		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.6	ug/L	93	1		70 (72)	130 (115)	20 (20)
	Benzene	20	20.4	ug/L	102	0		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	20.7	ug/L	104	0		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.8	ug/L	99	0		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	21.3	ug/L	106	0		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	20.3	ug/L	102	2		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	0		40 (74)	160 (118)	20 (20)
	Toluene	20	20.7	ug/L	104	2		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	19.3	ug/L	97	1		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.0	ug/L	100	4		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.7	ug/L	109	0		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	0		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	20.3	ug/L	102	3		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	21.1	ug/L	106	2		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	20.2	ug/L	101	3		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.0	ug/L	100	1		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	20.7	ug/L	104	2		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	41.1	ug/L	103	1		70 (82)	130 (110)	20 (20)
	o-Xylene	20	21.0	ug/L	105	2		70 (83)	130 (109)	20 (20)
	Styrene	20	21.5	ug/L	108	3		70 (80)	130 (111)	20 (20)
	Bromoform	20	18.5	ug/L	93	4		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	21.5	ug/L	108	7		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	21.2	ug/L	106	5		70 (76)	130 (118)	20 (20)
	1,2,4-Trimethylbenzene	20	21.7	ug/L	109	6		70 (85)	130 (111)	20 (20)
	1,3-Dichlorobenzene	20	20.6	ug/L	103	3		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.6	ug/L	103	4		70 (82)	130 (107)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2114

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046337.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0523WBSD01	1,2-Dichlorobenzene	20	21.9	ug/L	110	7		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	20.5	ug/L	103	2		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	21.2	ug/L	106	9		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	21.2	ug/L	106	9		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0523WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2114 SAS No.: Q2114 SDG NO.: Q2114

Lab File ID: VX046333.D Lab Sample ID: VX0523WBL01

Date Analyzed: 05/23/2025 Time Analyzed: 10:16

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
VX0523WBS01	VX0523WBS01	VX046334.D	05/23/2025
VX0523WBSD01	VX0523WBSD01	VX046337.D	05/23/2025
FB	Q2114-02	VX046349.D	05/23/2025
GAW1	Q2114-01	VX046351.D	05/23/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2114 SAS No.: Q2114 SDG NO.: Q2114

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.: Q2114 SAS No.: Q2114 SDG NO.: Q2114

Lab File ID: VX046330.D BFB Injection Date: 05/23/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:25

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
75	30.0 - 60.0% of mass 95	56.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	4.6 (6.9) 1
176	95.0 - 101.0% of mass 174	64 (95.9) 1
177	5.0 - 9.0% of mass 176	4.1 (6.4) 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	VX046331.D	05/23/2025	09:24
VX0523WBL01	VX0523WBL01	VX046333.D	05/23/2025	10:16
VX0523WBS01	VX0523WBS01	VX046334.D	05/23/2025	10:57
VX0523WBSD01	VX0523WBSD01	VX046337.D	05/23/2025	12:10
FB	Q2114-02	VX046349.D	05/23/2025	16:49
GAW1	Q2114-01	VX046351.D	05/23/2025	17:36

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2114 SAS No.: Q2114 SDG NO.: Q2114

Lab File ID: VX046331.D Date Analyzed: 05/23/2025

Instrument ID: MSVOA_X Time Analyzed: 09:24

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	89943	5.54	154938	6.76	137123	10.05
UPPER LIMIT	179886	6.044	309876	7.257	274246	10.549
LOWER LIMIT	44971.5	5.044	77469	6.257	68561.5	9.549
EPA SAMPLE NO.						
GAW1	62014	5.54	123132	6.76	116379	10.05
FB	61866	5.55	123278	6.76	116230	10.06
VX0523WBL01	69169	5.55	136383	6.76	129888	10.05
VX0523WBS01	88801	5.54	154286	6.75	135355	10.05
VX0523WBSD01	88781	5.55	156018	6.76	138561	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.: Q2114 SAS No.: Q2114 SDG NO.: Q2114

Lab File ID: VX046331.D Date Analyzed: 05/23/2025

Instrument ID: MSVOA_X Time Analyzed: 09:24

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

	IS4 AREA #	RT #				
12 HOUR STD	66629	12.018				
UPPER LIMIT	133258	12.518				
LOWER LIMIT	33314.5	11.518				
EPA SAMPLE NO.						
GAW1	51005	12.02				
FB	49600	12.02				
VX0523WBL01	57102	12.02				
VX0523WBS01	65596	12.02				
VX0523WBSD01	64515	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

Raw Data: **VX046333.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Mt. Holly	Date Received:	
Client Sample ID:	VX0523WBL01	SDG No.:	Q2114
Lab Sample ID:	VX0523WBL01	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
VX046333.D	1		05/23/25 10:16	VX052325

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

Raw Data: **VX046333.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Mt. Holly	Date Received:	
Client Sample ID:	VX0523WBL01	SDG No.:	Q2114
Lab Sample ID:	VX0523WBL01	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
VX046333.D	1		05/23/25 10:16	VX052325

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
95-63-6	1,2,4-Trimethylbenzene	0.14	U	0.14	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	53.2		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 (75) - 130 (124)	104%	SPK: 50
2037-26-5	Toluene-d8	51.1		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69200	5.55			
540-36-3	1,4-Difluorobenzene	136000	6.757			
3114-55-4	Chlorobenzene-d5	130000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	57100	12.018			

Raw Data: **VX046333.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Mt. Holly			Date Received:	
Client Sample ID:	VX0523WBL01			SDG No.:	Q2114
Lab Sample ID:	VX0523WBL01			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
VX046333.D	1		05/23/25 10:16	VX052325

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: **VX046334.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:	Mt. Holly	Date Received:	
Client Sample ID:	VX0523WBS01	SDG No.:	Q2114
Lab Sample ID:	VX0523WBS01	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
VX046334.D	1		05/23/25 10:57	VX052325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.8		0.22	1.00	ug/L
74-87-3	Chloromethane	18.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.8		0.26	1.00	ug/L
74-83-9	Bromomethane	18.3		1.40	5.00	ug/L
75-00-3	Chloroethane	19.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.9		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.1		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.3		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	15.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.7		0.16	1.00	ug/L
79-20-9	Methyl Acetate	24.6		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.0		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.8		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.4		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.4		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.1		0.22	1.00	ug/L
67-66-3	Chloroform	21.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.4		0.16	1.00	ug/L
71-43-2	Benzene	20.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.1		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.4		0.14	1.00	ug/L

Raw Data: **VX046334.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:	Mt. Holly	Date Received:	
Client Sample ID:	VX0523WBS01	SDG No.:	Q2114
Lab Sample ID:	VX0523WBS01	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
VX046334.D	1		05/23/25 10:57	VX052325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.5		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.8		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.1		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.6		0.24	2.00	ug/L
95-47-6	o-Xylene	20.5		0.12	1.00	ug/L
100-42-5	Styrene	21.0		0.15	1.00	ug/L
75-25-2	Bromoform	19.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.2		0.26	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	20.6		0.14	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.0		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.4		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	50.5		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	52.4		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.4		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	88800	5.544			
540-36-3	1,4-Difluorobenzene	154000	6.751			
3114-55-4	Chlorobenzene-d5	135000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	65600	12.018			

Raw Data: **VX046334.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:	Mt. Holly	Date Received:	
Client Sample ID:	VX0523WBS01	SDG No.:	Q2114
Lab Sample ID:	VX0523WBS01	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
VX046334.D	1		05/23/25 10:57	VX052325

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: **VX046337.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:	Mt. Holly	Date Received:	
Client Sample ID:	VX0523WBSD01	SDG No.:	Q2114
Lab Sample ID:	VX0523WBSD01	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
VX046337.D	1		05/23/25 12:10	VX052325

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	18.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.4		0.26	1.00	ug/L
74-83-9	Bromomethane	17.6		1.40	5.00	ug/L
75-00-3	Chloroethane	19.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.6		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.5		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	14.1		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.8		0.16	1.00	ug/L
79-20-9	Methyl Acetate	24.7		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.6		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.5		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.1		1.50	5.00	ug/L
78-93-3	2-Butanone	110		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	20.2		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.5		0.22	1.00	ug/L
67-66-3	Chloroform	21.0		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	1.00	ug/L
71-43-2	Benzene	20.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.7		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.8		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	21.3		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.3		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.7		0.14	1.00	ug/L

Raw Data: **VX046337.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:	Mt. Holly	Date Received:	
Client Sample ID:	VX0523WBSD01	SDG No.:	Q2114
Lab Sample ID:	VX0523WBSD01	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
VX046337.D	1		05/23/25 12:10	VX052325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.0		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.3		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	21.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	41.1		0.24	2.00	ug/L
95-47-6	o-Xylene	21.0		0.12	1.00	ug/L
100-42-5	Styrene	21.5		0.15	1.00	ug/L
75-25-2	Bromoform	18.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	21.5		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.2		0.26	1.00	ug/L
95-63-6	1,2,4-Trimethylbenzene	21.7		0.14	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.6		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.6		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.9		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	21.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	21.2		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.2		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.8		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	88800	5.55			
540-36-3	1,4-Difluorobenzene	156000	6.757			
3114-55-4	Chlorobenzene-d5	139000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	64500	12.018			

Raw Data: **VX046337.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:	Mt. Holly	Date Received:	
Client Sample ID:	VX0523WBSD01	SDG No.:	Q2114
Lab Sample ID:	VX0523WBSD01	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
VX046337.D	1		05/23/25 12:10	VX052325

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.: Q2114 SAS No.: Q2114 SDG No.: Q2114

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.: Q2114 SAS No.: Q2114 SDG No.: Q2114

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
1,2,4-Trimethylbenzene	3.274	3.522	3.335	3.444	3.034	3.150	3.293	5.5
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.: Q2114 SAS No.: Q2114 SDG No.: Q2114

Instrument ID: MSVOA_X Calibration Date/Time: 05/23/2025 09:24

Lab File ID: VX046331.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	0.718		-6.14	20
Chloromethane	0.742	0.654	0.1	-11.86	20
Vinyl Chloride	0.691	0.592		-14.33	20
Bromomethane	0.320	0.288		-10	20
Chloroethane	0.369	0.378		2.44	20
Trichlorofluoromethane	1.021	0.993		-2.74	20
1,1,2-Trichlorotrifluoroethane	0.632	0.618		-2.21	20
1,1-Dichloroethene	0.593	0.550		-7.25	20
Acetone	0.374	0.393		5.08	20
Carbon Disulfide	1.406	1.170		-16.78	20
Methyl tert-butyl Ether	2.079	2.197		5.68	20
Methyl Acetate	0.867	1.100		26.87	20
Methylene Chloride	0.716	0.663		-7.4	20
trans-1,2-Dichloroethene	0.596	0.560		-6.04	20
1,1-Dichloroethane	1.219	1.239	0.1	1.64	20
Cyclohexane	1.111	1.026		-7.65	20
2-Butanone	0.543	0.592		9.02	20
Carbon Tetrachloride	0.544	0.551		1.29	20
cis-1,2-Dichloroethene	0.718	0.706		-1.67	20
Bromochloromethane	0.587	0.602		2.56	20
Chloroform	1.271	1.286		1.18	20
1,1,1-Trichloroethane	1.101	1.128		2.45	20
Methylcyclohexane	0.623	0.597		-4.17	20
Benzene	1.417	1.421		0.28	20
1,2-Dichloroethane	0.612	0.628		2.61	20
Trichloroethene	0.341	0.343		0.59	20
1,2-Dichloropropane	0.352	0.374		6.25	20
Bromodichloromethane	0.547	0.595		8.77	20
4-Methyl-2-Pentanone	0.605	0.677		11.9	20
Toluene	0.869	0.878		1.04	20
t-1,3-Dichloropropene	0.487	0.542		11.29	20
cis-1,3-Dichloropropene	0.538	0.591		9.85	20
1,1,2-Trichloroethane	0.343	0.366		6.71	20
2-Hexanone	0.448	0.511		14.06	20
Dibromochloromethane	0.376	0.417		10.9	20
1,2-Dibromoethane	0.356	0.377		5.9	20
Tetrachloroethene	0.354	0.357		0.85	20
Chlorobenzene	1.094	1.084	0.3	-0.91	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.: Q2114 SAS No.: Q2114 SDG No.: Q2114

Instrument ID: MSVOA_X Calibration Date/Time: 05/23/2025 09:24

Lab File ID: VX046331.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	1.985		2.9	20
m/p-Xylenes	0.706	0.719		1.84	20
o-Xylene	0.688	0.714		3.78	20
Styrene	1.127	1.208		7.19	20
Bromoform	0.281	0.310	0.1	10.32	20
Isopropylbenzene	3.893	3.986		2.39	20
1,1,2,2-Tetrachloroethane	1.364	1.366	0.3	0.15	20
1,2,4-Trimethylbenzene	3.293	3.388		2.88	20
1,3-Dichlorobenzene	1.649	1.650		0.06	20
1,4-Dichlorobenzene	1.684	1.672		-0.71	20
1,2-Dichlorobenzene	1.655	1.688		1.99	20
1,2-Dibromo-3-Chloropropane	0.302	0.333		10.27	20
1,2,4-Trichlorobenzene	0.951	0.994		4.52	20
1,2,3-Trichlorobenzene	0.981	1.006		2.55	20
1,2-Dichloroethane-d4	0.932	0.966		3.65	20
Dibromofluoromethane	0.360	0.384		6.67	20
Toluene-d8	1.246	1.307		4.9	20
4-Bromofluorobenzene	0.478	0.514		7.53	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\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Quant Time: May 23 23:05:38 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

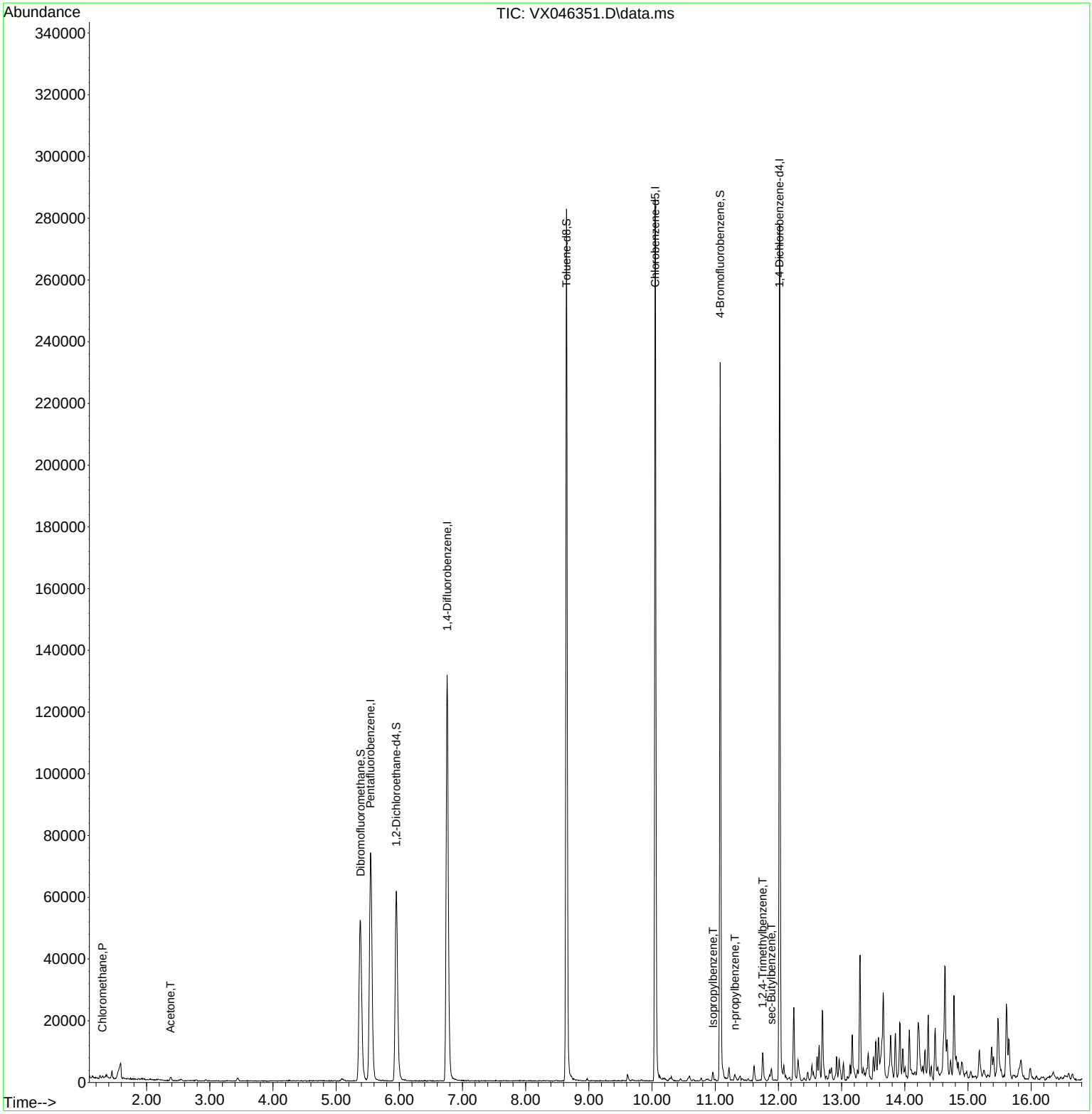
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	62014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62990	54.483	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.960%			
35) Dibromofluoromethane	5.385	113	46311	52.230	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.460%			
50) Toluene-d8	8.647	98	156324	50.938	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.880%			
62) 4-Bromofluorobenzene	11.079	95	60431	51.335	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.660%			
Target Compounds						Qvalue
3) Chloromethane	1.300	50	642	0.697	ug/l	97
16) Acetone	2.380	43	1447	3.122	ug/l #	84
73) Isopropylbenzene	10.963	105	1672	0.421	ug/l	99
78) n-propylbenzene	11.311	91	1556	0.337	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	3941	1.173	ug/l	94
85) sec-Butylbenzene	11.890	105	2024	0.493	ug/l #	78

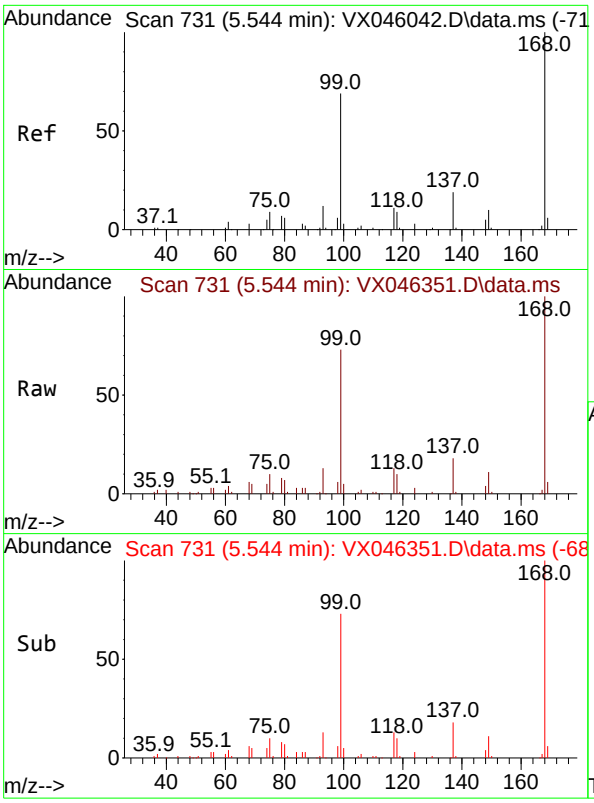
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Quant Time: May 23 23:05:38 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



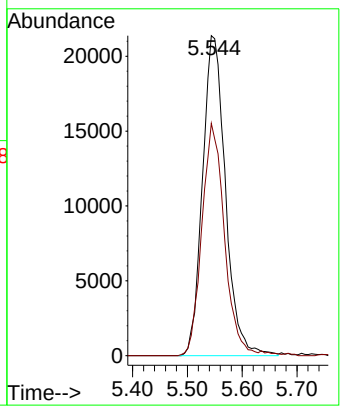


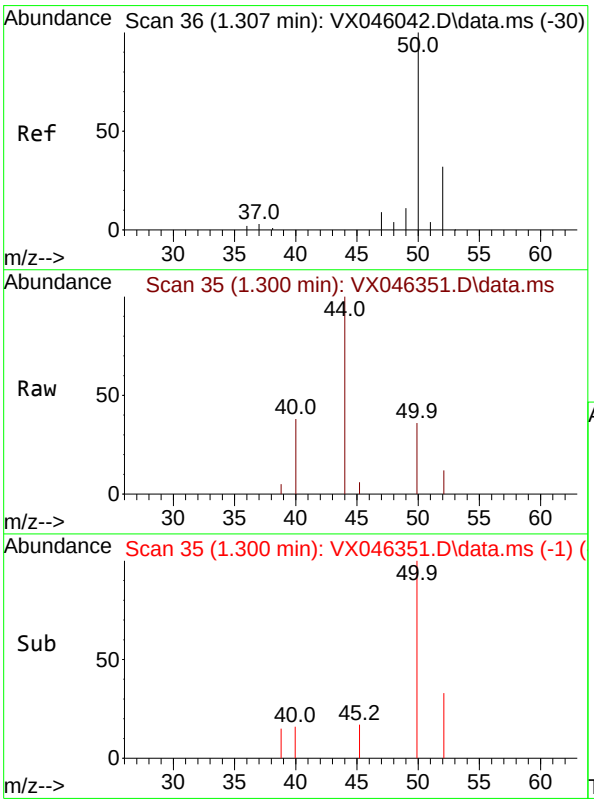
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Tgt Ion:168 Resp: 62014

Ion	Ratio	Lower	Upper
168	100		
99	72.6	54.9	82.3

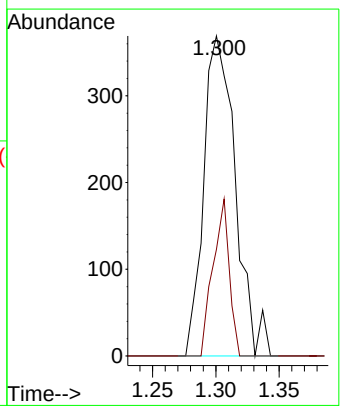


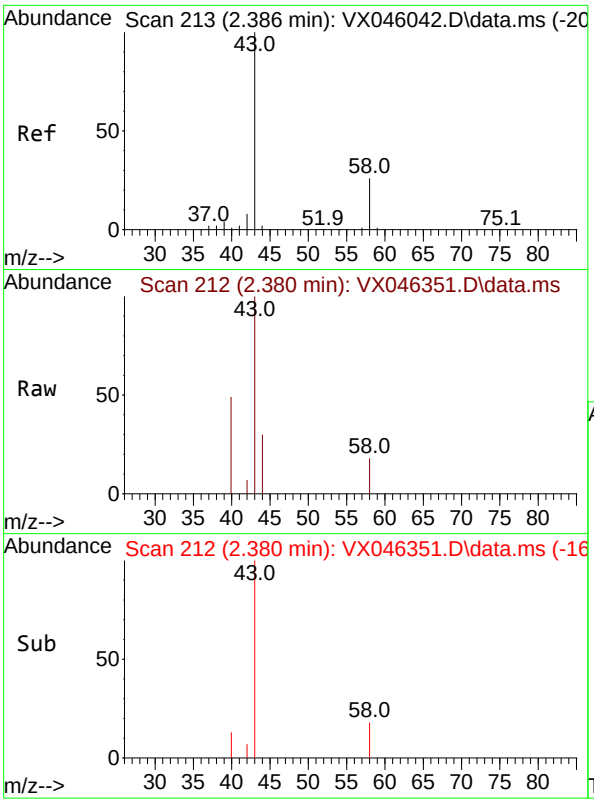


#3
Chloromethane
Concen: 0.697 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion: 50 Resp: 642

Ion	Ratio	Lower	Upper
50	100		
52	33.3	25.4	38.2



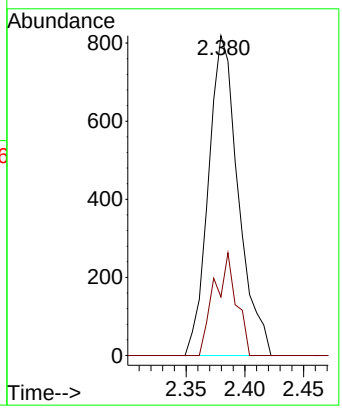


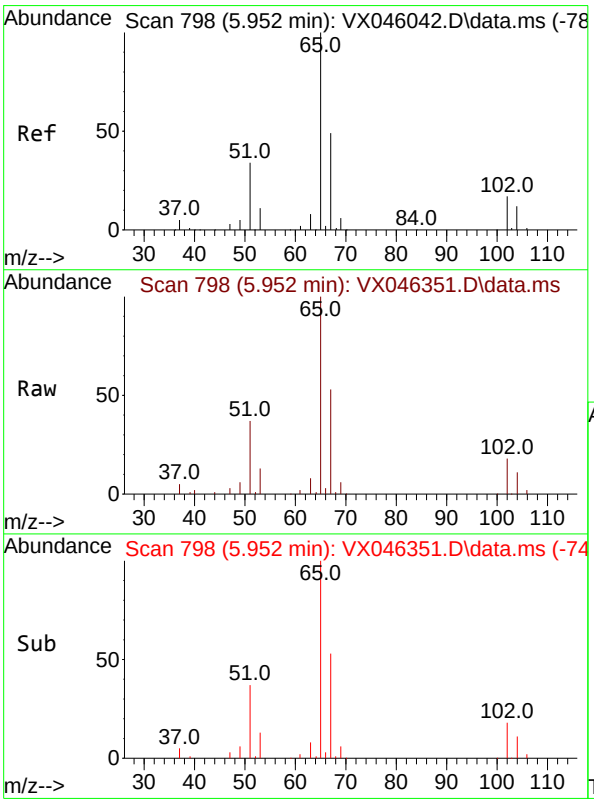
#16
Acetone
Concen: 3.122 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Tgt Ion: 43 Resp: 1447

Ion	Ratio	Lower	Upper
43	100		
58	18.3	21.2	31.8#

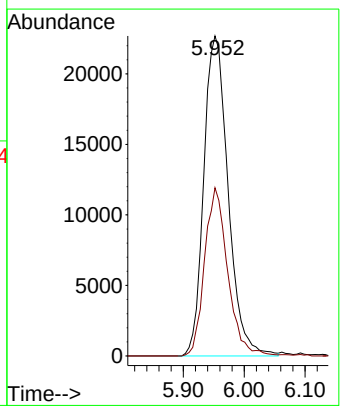


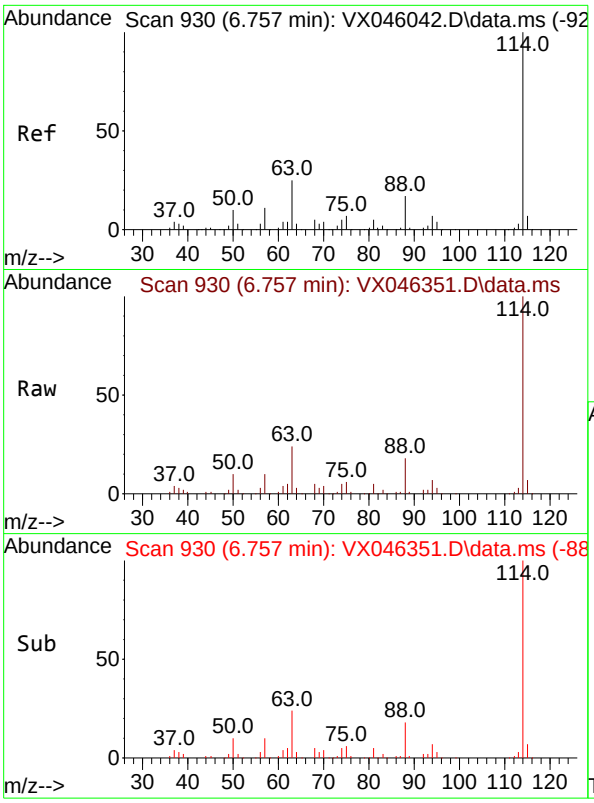


#33
1,2-Dichloroethane-d4
Concen: 54.483 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion: 65 Resp: 62990

Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	99.0



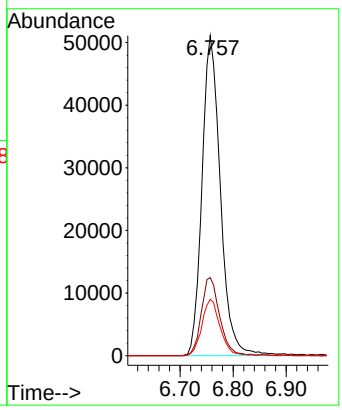


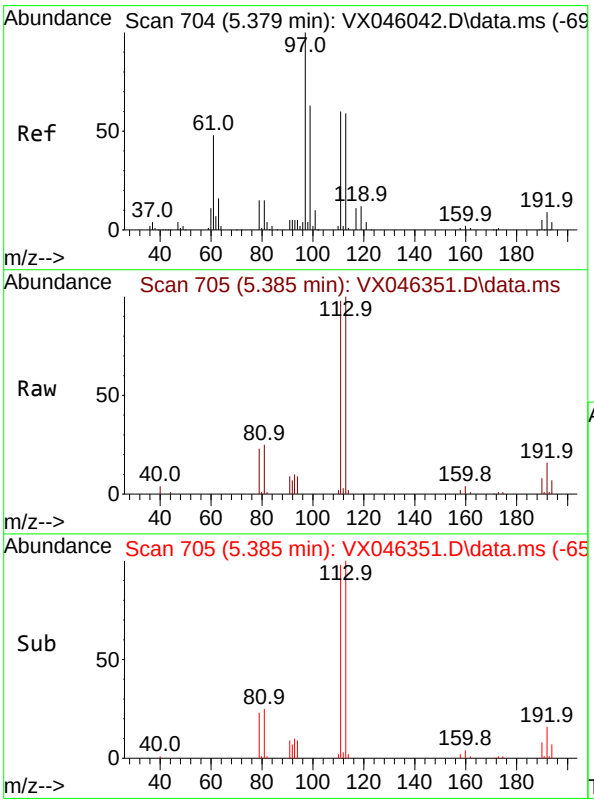
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Tgt Ion:114 Resp: 123132

Ion	Ratio	Lower	Upper
114	100		
63	24.4	0.0	49.2
88	17.6	0.0	33.6

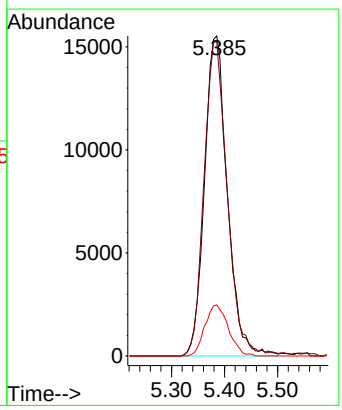


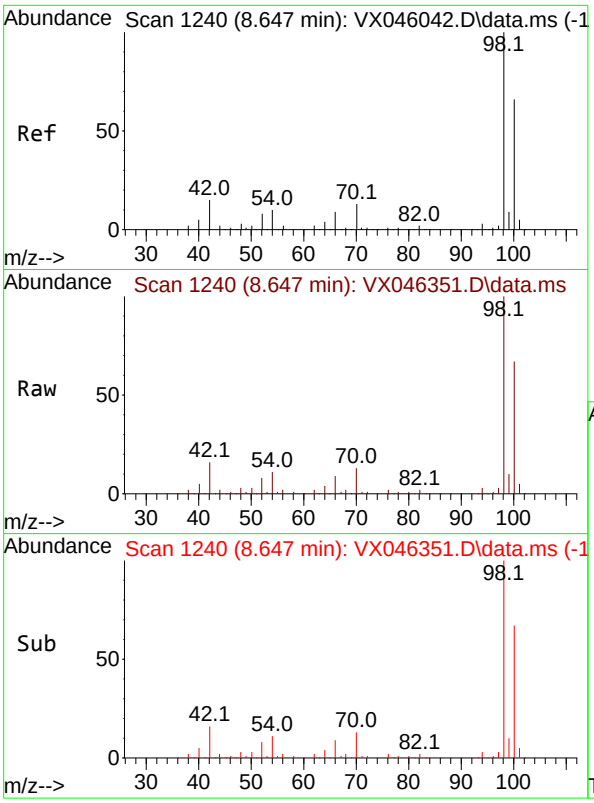


#35
Dibromofluoromethane
Concen: 52.230 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion:113 Resp: 46311

Ion	Ratio	Lower	Upper
113	100		
111	99.9	83.1	124.7
192	16.4	13.3	19.9



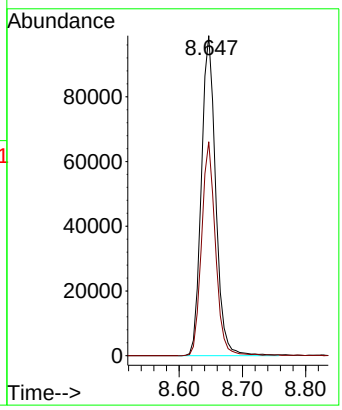


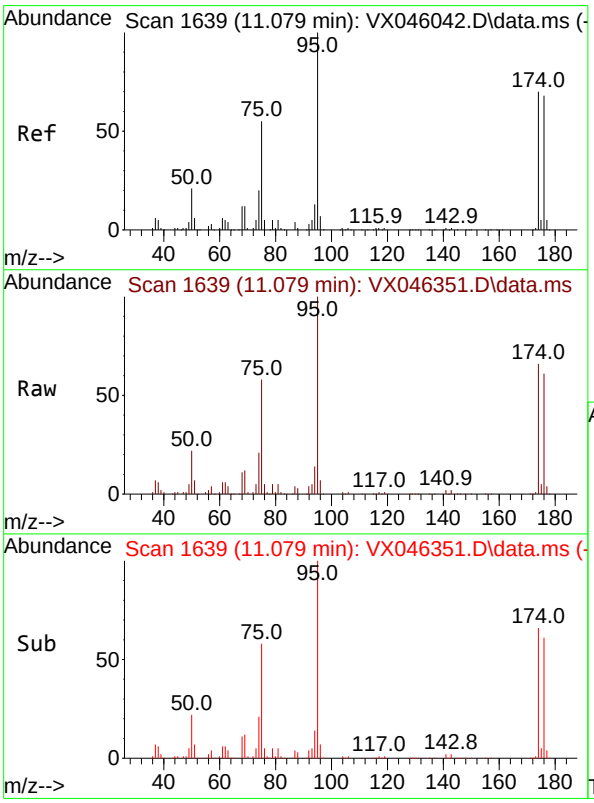
#50
Toluene-d8
Concen: 50.938 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Tgt Ion: 98 Resp: 156324

Ion	Ratio	Lower	Upper
98	100		
100	64.5	53.5	80.3

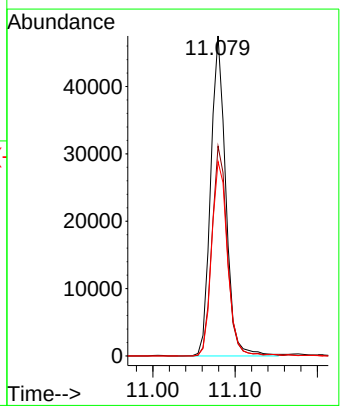


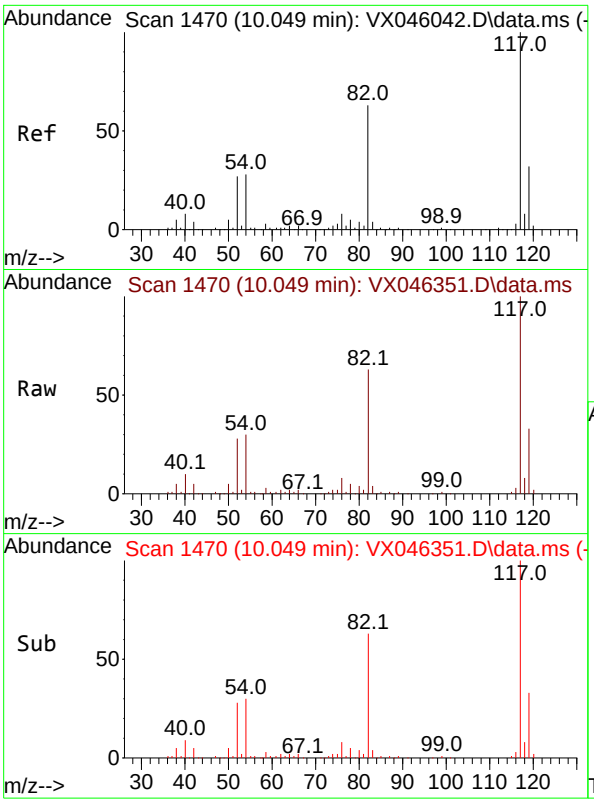


#62
4-Bromofluorobenzene
Concen: 51.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion: 95 Resp: 60431

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	135.8
176	63.6	0.0	131.4



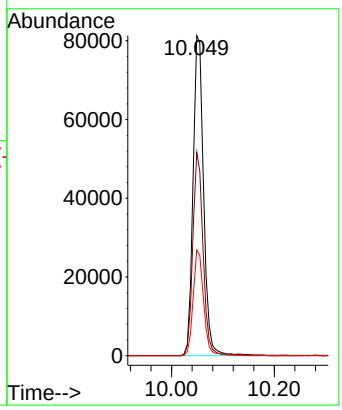


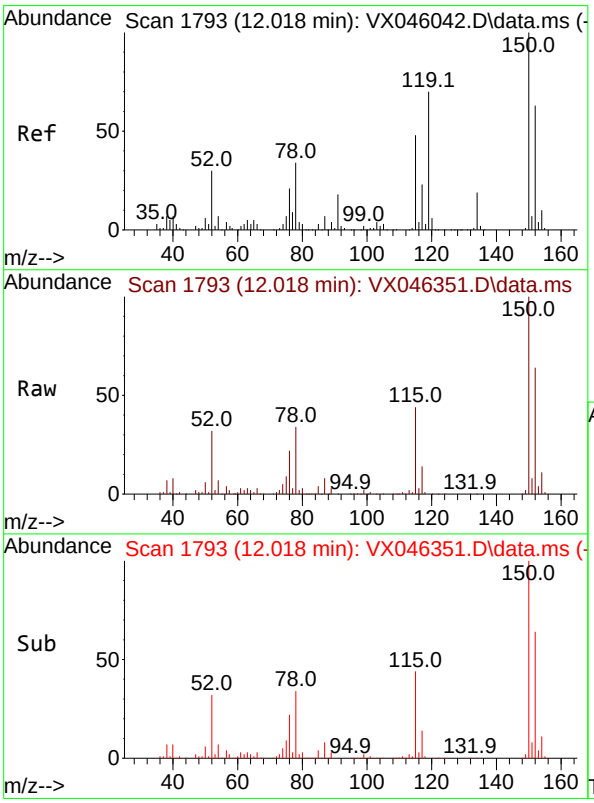
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Tgt Ion:117 Resp: 116379

Ion	Ratio	Lower	Upper
117	100		
82	63.5	50.6	76.0
119	33.0	25.8	38.6

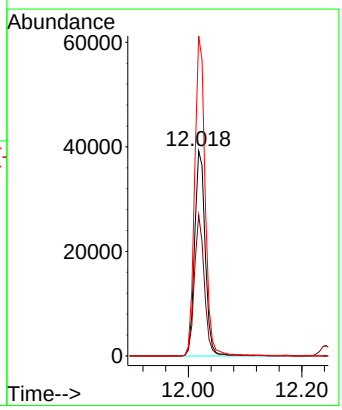


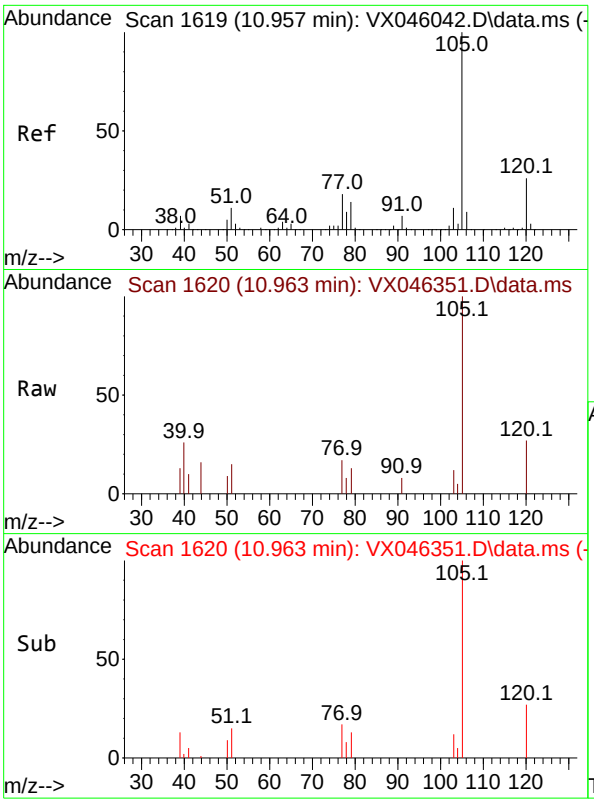


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion:152 Resp: 51005

Ion	Ratio	Lower	Upper
152	100		
115	65.1	46.9	140.7
150	154.9	0.0	351.0



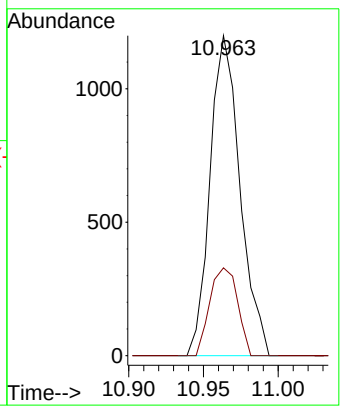


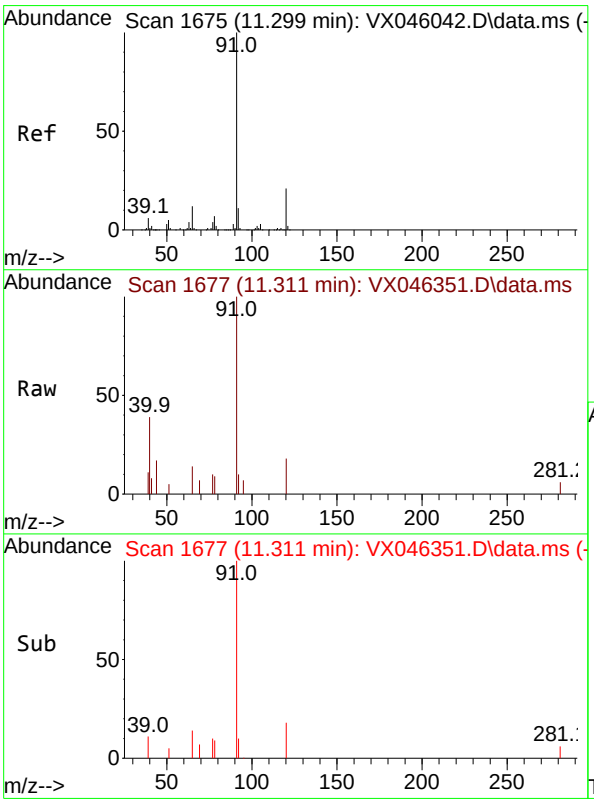
#73
Isopropylbenzene
Concen: 0.421 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Tgt Ion:105 Resp: 1672

Ion	Ratio	Lower	Upper
105	100		
120	25.3	12.8	38.4

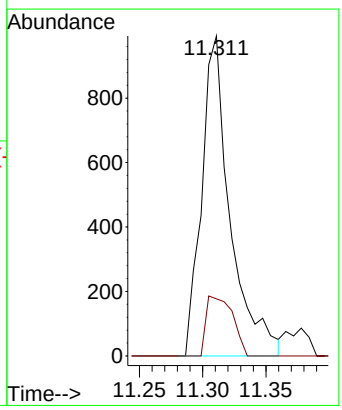


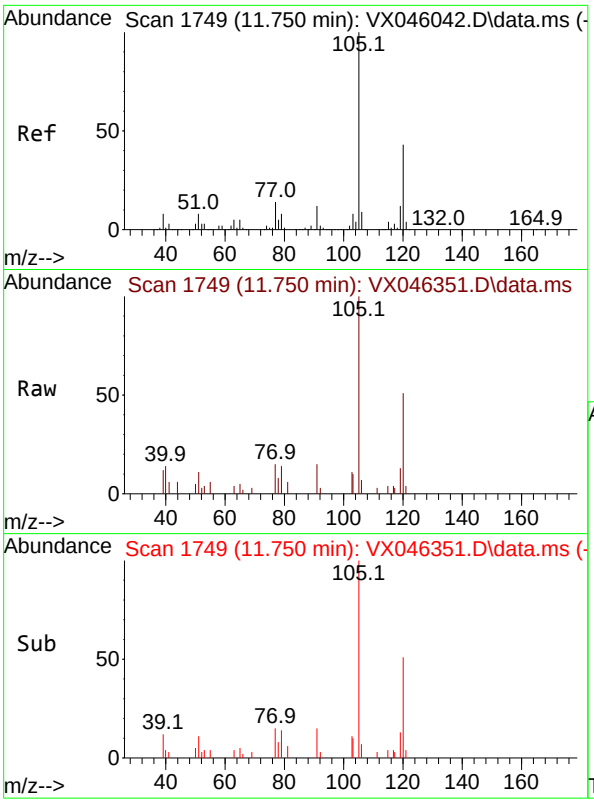


#78
n-propylbenzene
Concen: 0.337 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion: 91 Resp: 1556

Ion	Ratio	Lower	Upper
91	100		
120	17.2	10.8	32.4



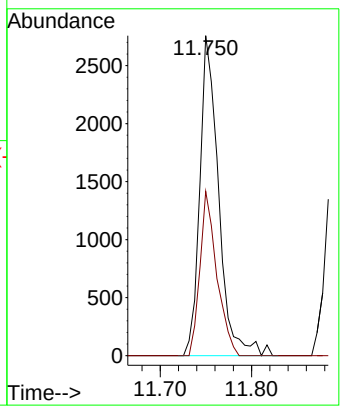


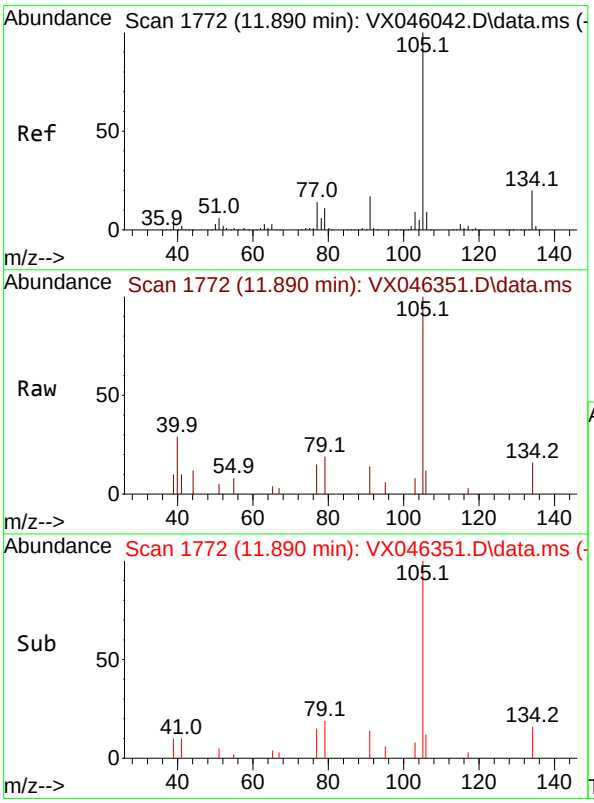
#84
1,2,4-Trimethylbenzene
Concen: 1.173 ug/l
RT: 11.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Tgt Ion:105 Resp: 3941

Ion	Ratio	Lower	Upper
105	100		
120	45.9	21.2	63.6

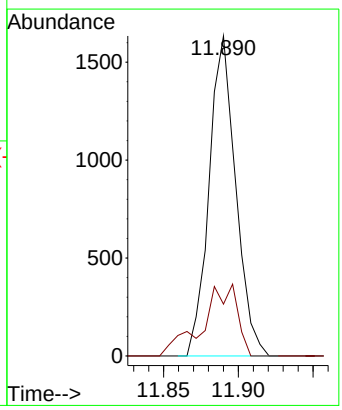




#85
sec-Butylbenzene
Concen: 0.493 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion:105 Resp: 2024

Ion	Ratio	Lower	Upper
105	100		
134	29.2	9.7	29.1#



Sample Results: **VX046351.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

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: VX046351.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.587	69	82	85	rBV3	5067	13834	3.13%	0.425%
2	5.379	694	704	718	rBV2	51978	154712	34.95%	4.755%
3	5.544	720	731	748	rVV2	73677	208596	47.12%	6.412%
4	5.952	787	798	815	rBV	61565	166201	37.55%	5.109%
5	6.757	921	930	944	rBV	131567	316309	71.46%	9.723%
6	8.647	1233	1240	1257	rBV	282567	442653	100.00%	13.606%
7	10.049	1465	1470	1480	rBV	285774	398162	89.95%	12.239%
8	11.079	1634	1639	1654	rBV	232671	301918	68.21%	9.280%
9	11.219	1657	1662	1667	rVB4	3923	5589	1.26%	0.172%
10	11.616	1722	1727	1734	rBV3	4854	7518	1.70%	0.231%
11	11.750	1745	1749	1760	rVB	9169	14071	3.18%	0.433%
12	11.890	1768	1772	1776	rVB2	3718	5169	1.17%	0.159%
13	12.018	1788	1793	1802	rBV	277257	347167	78.43%	10.671%
14	12.085	1802	1804	1813	rVB3	4639	7189	1.62%	0.221%
15	12.244	1824	1830	1837	rBV2	23585	34285	7.75%	1.054%
16	12.311	1837	1841	1850	rVB6	6714	12615	2.85%	0.388%
17	12.530	1871	1877	1880	rBV2	4873	7117	1.61%	0.219%
18	12.609	1886	1890	1893	rBV	7082	9622	2.17%	0.296%
19	12.646	1893	1896	1900	rVV	10900	14260	3.22%	0.438%
20	12.695	1900	1904	1912	rVB	22035	33004	7.46%	1.014%
21	12.811	1917	1923	1925	rVV5	3154	4529	1.02%	0.139%
22	12.841	1925	1928	1933	rVB4	3801	5303	1.20%	0.163%
23	12.920	1933	1941	1944	rBV2	7556	10247	2.31%	0.315%
24	12.963	1944	1948	1954	rVV2	6755	11891	2.69%	0.366%
25	13.030	1954	1959	1964	rVB3	5697	7581	1.71%	0.233%
26	13.134	1971	1976	1978	rBV4	4280	5042	1.14%	0.155%
27	13.170	1978	1982	1985	rBV	12583	14943	3.38%	0.459%
28	13.292	1997	2002	2008	rVV2	38740	52312	11.82%	1.608%
29	13.420	2021	2023	2030	rVB3	8284	11021	2.49%	0.339%
30	13.506	2033	2037	2039	rBV3	7182	9831	2.22%	0.302%
31	13.542	2039	2043	2046	rVV2	10584	14044	3.17%	0.432%
32	13.585	2046	2050	2053	rVV4	11834	18122	4.09%	0.557%
33	13.658	2053	2062	2072	rVB2	27610	61435	13.88%	1.888%
34	13.774	2072	2081	2089	rBV2	13871	28134	6.36%	0.865%
35	13.853	2089	2094	2099	rVB	14226	19949	4.51%	0.613%
36	13.920	2099	2105	2110	rBV2	17717	26215	5.92%	0.806%

Sample Results: **VX046351.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

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

37	13.969	2110	2113	2116	rBV3	8248	9661	2.18%	0.297%
38	14.073	2125	2130	2134	rBV2	15710	21983	4.97%	0.676%
39	14.213	2147	2153	2162	rBV3	17035	37858	8.55%	1.164%
40	14.323	2167	2171	2175	rVB4	7454	9016	2.04%	0.277%
41	14.371	2175	2179	2184	rVB	19725	24780	5.60%	0.762%
42	14.420	2184	2187	2192	rVB4	4325	6034	1.36%	0.185%
43	14.481	2192	2197	2201	rBV2	16793	26048	5.88%	0.801%
44	14.633	2209	2222	2226	rBV2	35412	68061	15.38%	2.092%
45	14.670	2226	2228	2233	rVB	11172	13228	2.99%	0.407%
46	14.725	2233	2237	2241	rVB6	4621	6076	1.37%	0.187%
47	14.780	2241	2246	2250	rBV2	25704	37987	8.58%	1.168%
48	14.841	2255	2256	2261	rVV5	4515	5647	1.28%	0.174%
49	14.902	2261	2266	2273	rVB10	4574	9593	2.17%	0.295%
50	15.182	2304	2312	2319	rBV3	9026	17851	4.03%	0.549%
51	15.255	2319	2324	2330	rVB5	2421	5089	1.15%	0.156%
52	15.377	2338	2344	2346	rBV2	9587	14522	3.28%	0.446%
53	15.402	2346	2348	2353	rVV2	6600	9461	2.14%	0.291%
54	15.475	2353	2360	2373	rVV2	19242	40566	9.16%	1.247%
55	15.609	2377	2382	2386	rVV3	24173	41035	9.27%	1.261%
56	15.645	2386	2388	2397	rVB3	12820	20314	4.59%	0.624%
57	15.841	2407	2420	2425	rBV6	5508	15306	3.46%	0.470%
58	15.987	2439	2444	2449	rBV2	3559	6751	1.53%	0.208%
59	16.353	2495	2504	2512	rVB2	2161	5889	1.33%	0.181%

Sum of corrected areas: 3253346

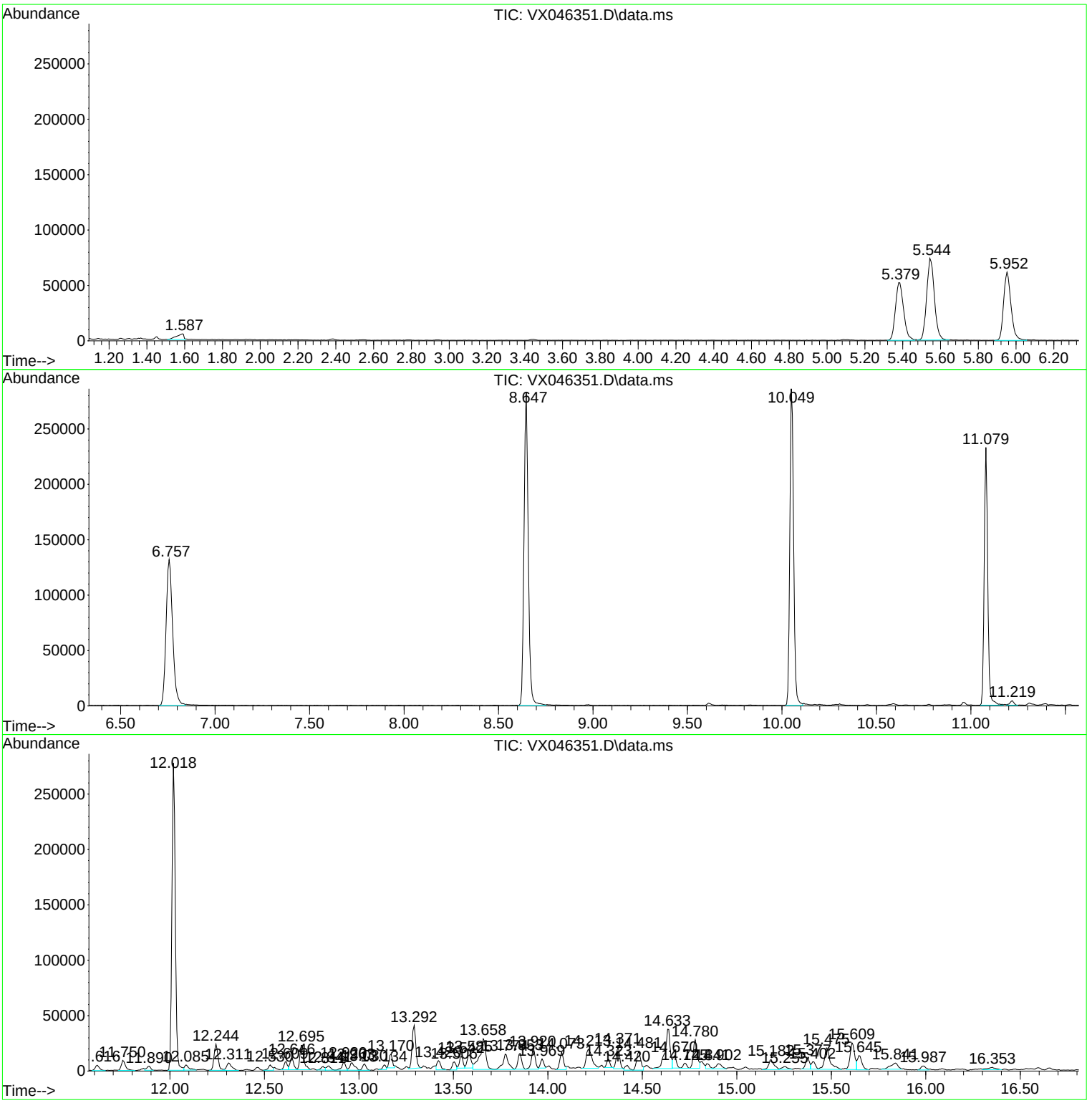
Sample Results: **VX046351.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

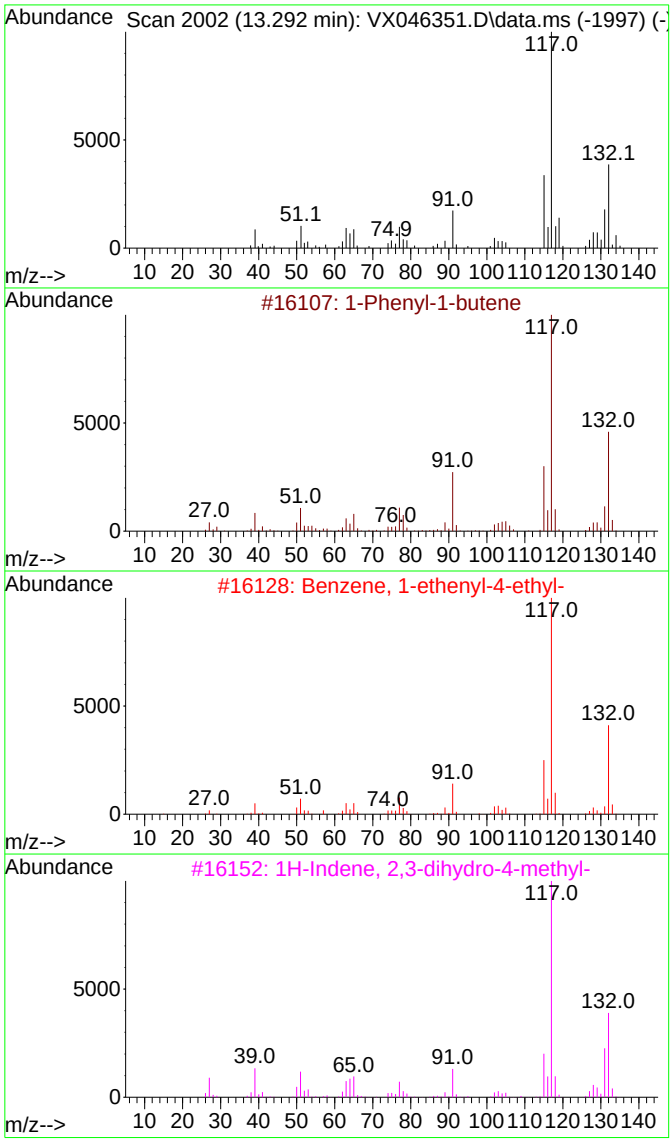
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

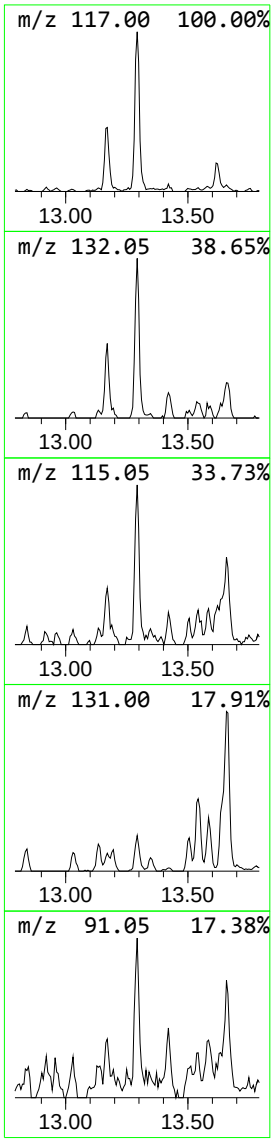
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenyl-1-butene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	7.53 ug/l	52312	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	83
5	Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

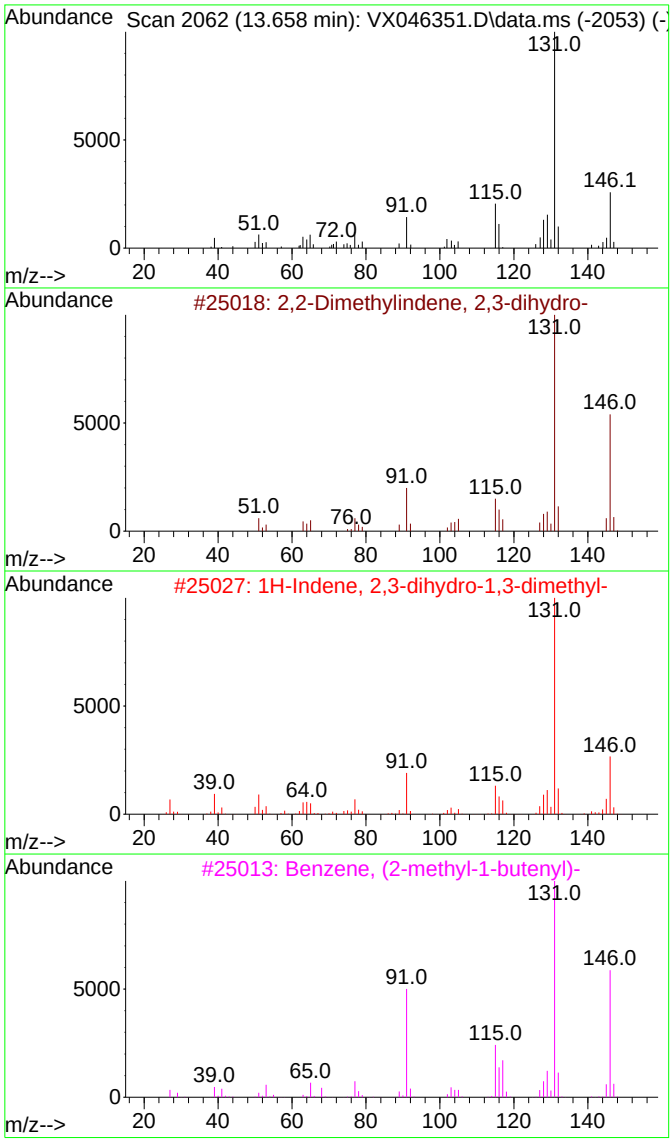
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

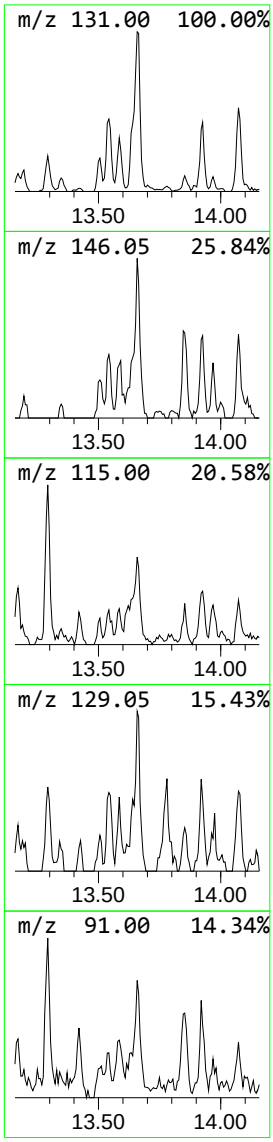
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,2-Dimethylindene, 2,3-dih... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.658	8.85 ug/l	61435	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	93
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

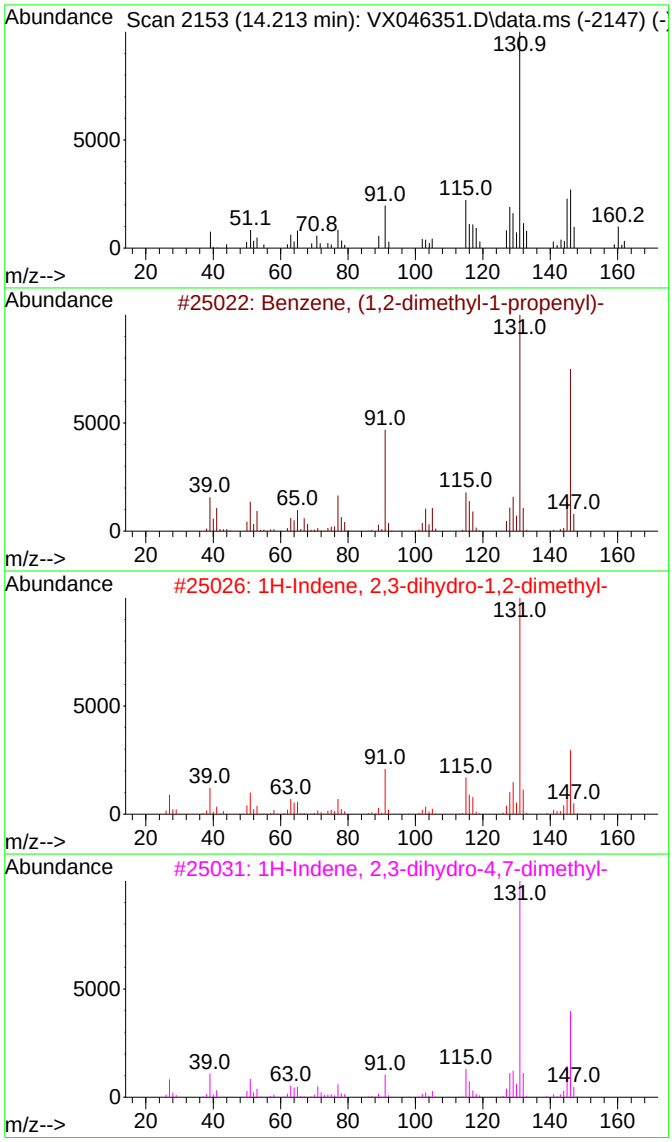
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

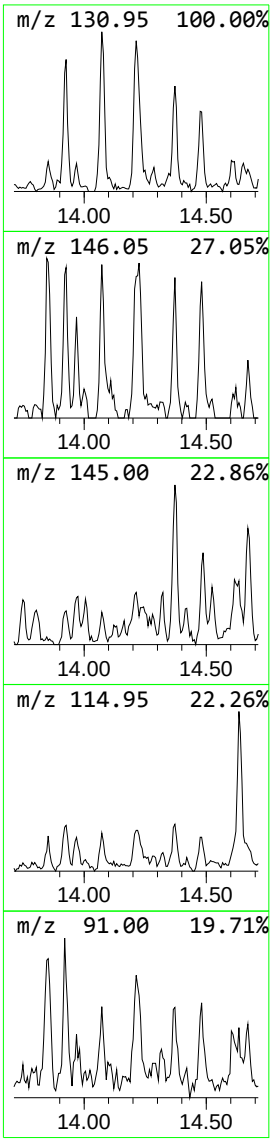
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.213	5.45 ug/l	37858	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	70
2	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	68
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	62
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	62
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	62





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

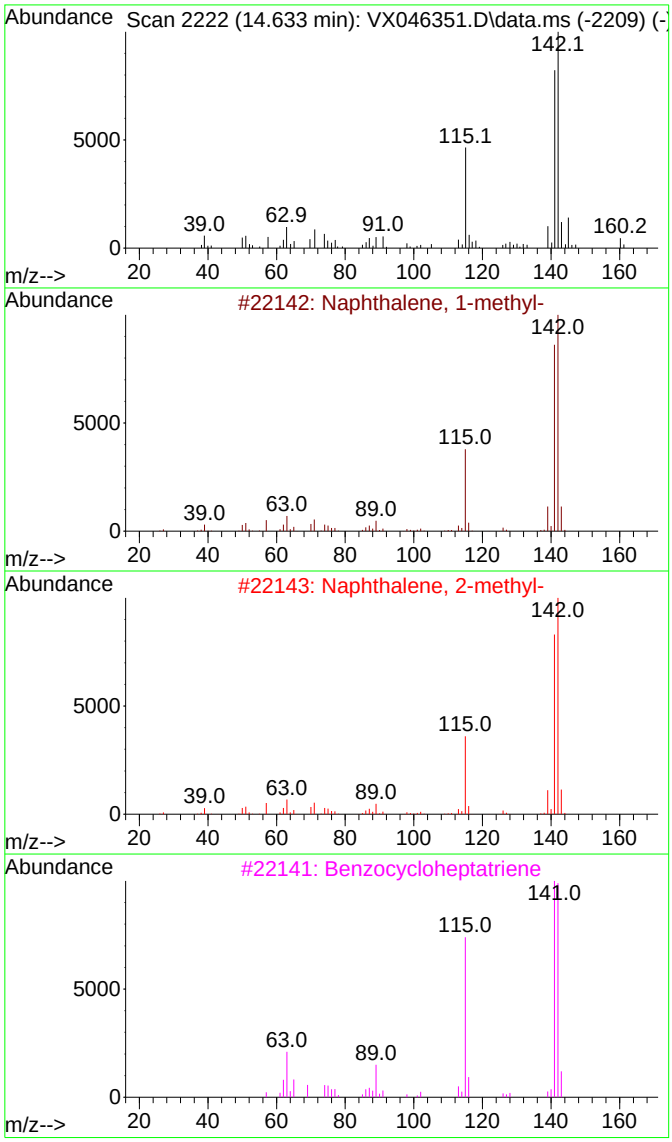
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

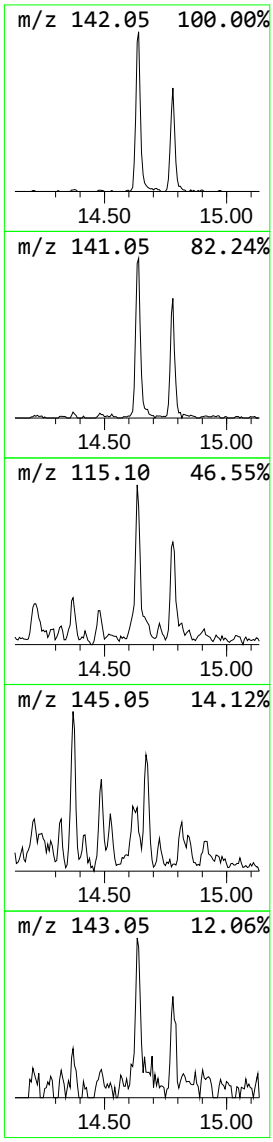
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	9.80 ug/l	68061	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Benzocycloheptatriene	142	C11H10	000264-09-5	83
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	74
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

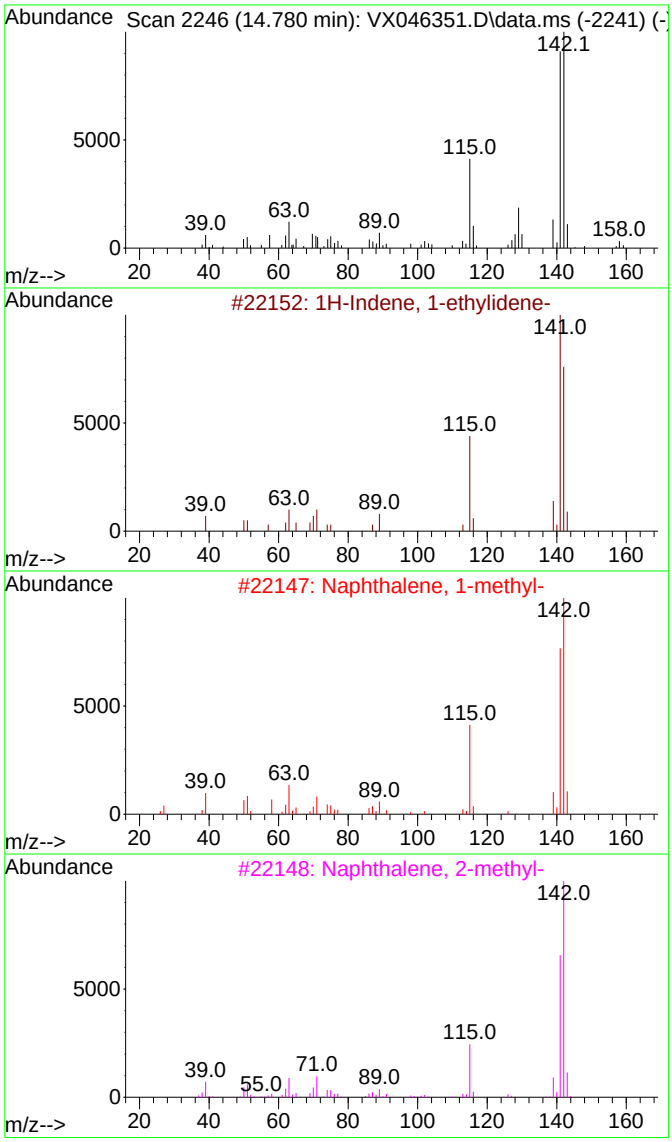
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

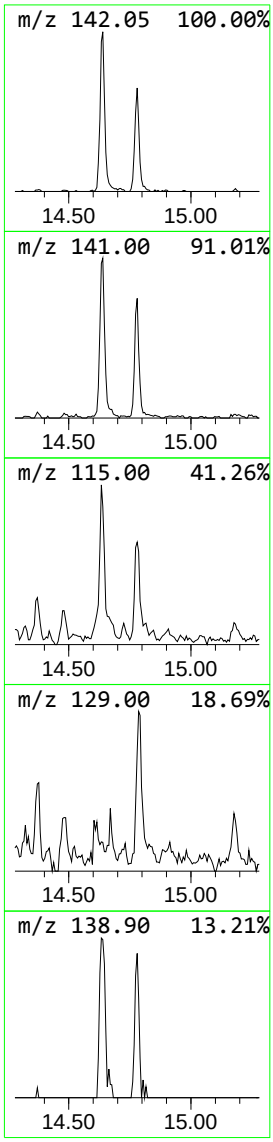
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 1-ethylidene- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.780	5.47 ug/l	37987	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

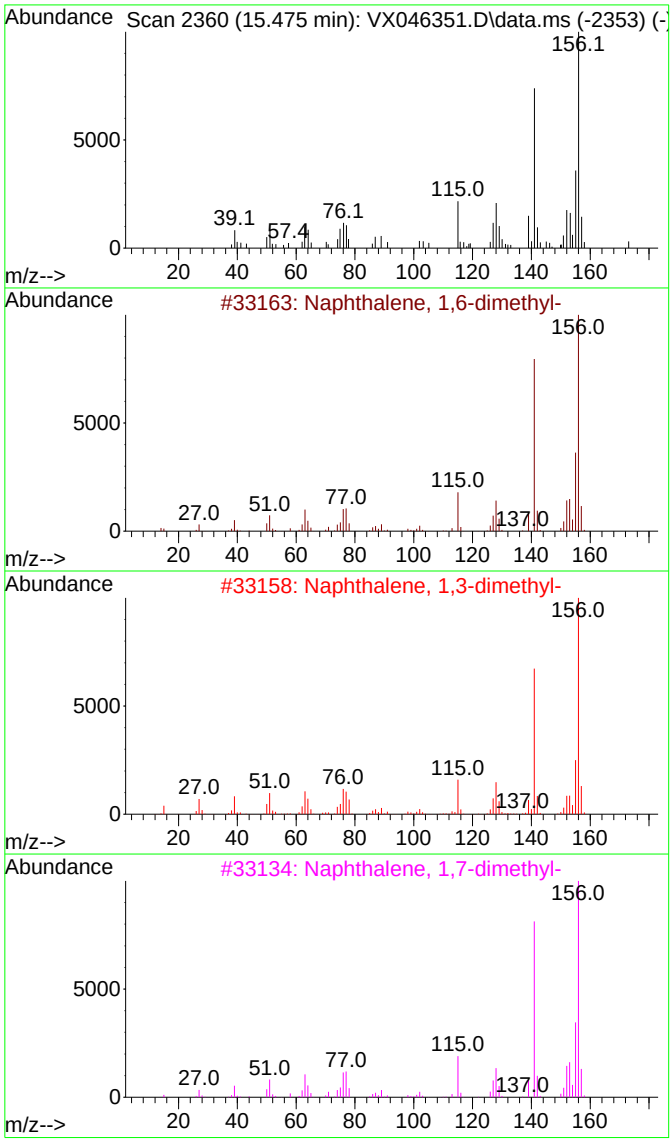
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

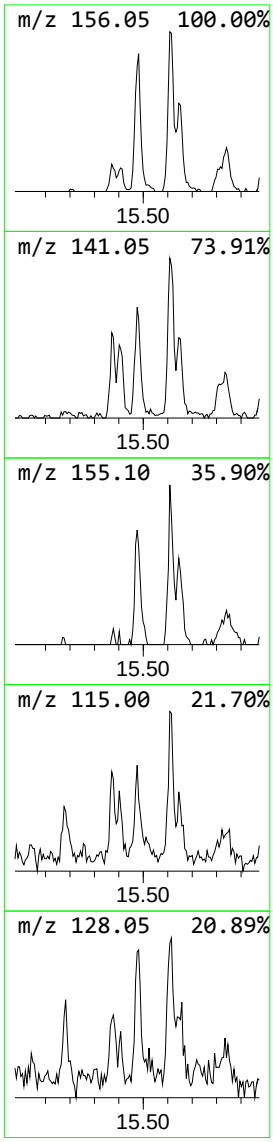
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.475	5.84 ug/l	40566	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

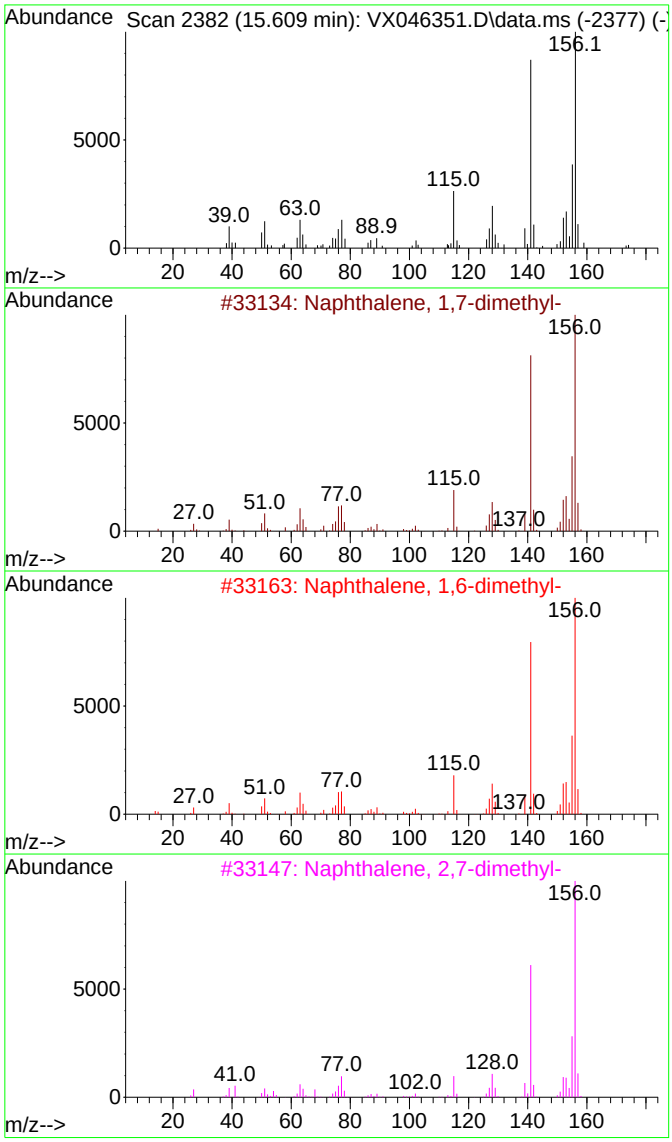
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

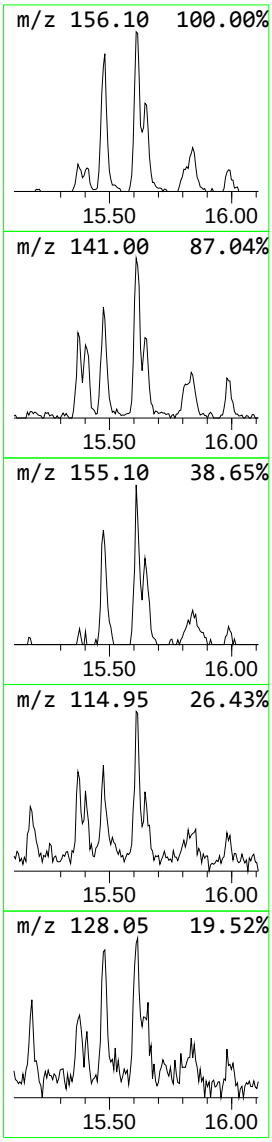
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	5.91 ug/l	41035	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046351.D
Acq On : 23 May 2025 17:36
Operator : JC/MD
Sample : Q2114-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GAW1

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
1-Phenyl-1-butene	13.292	7.5	ug/l	52312	4	12.018	347167	50.0
2,2-Dimethylind...	13.658	8.8	ug/l	61435	4	12.018	347167	50.0
Benzene, (1,2-d...	14.213	5.5	ug/l	37858	4	12.018	347167	50.0
Naphthalene, 1-...	14.633	9.8	ug/l	68061	4	12.018	347167	50.0
1H-Indene, 1-et...	14.780	5.5	ug/l	37987	4	12.018	347167	50.0
Naphthalene, 1,...	15.475	5.8	ug/l	40566	4	12.018	347167	50.0
Naphthalene, 1,...	15.609	5.9	ug/l	41035	4	12.018	347167	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046349.D
Acq On : 23 May 2025 16:49
Operator : JC/MD
Sample : Q2114-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Time: May 23 23:04:45 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	5.550	168	61866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62190	53.920	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.840%			
35) Dibromofluoromethane	5.379	113	45440	51.187	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.380%			
50) Toluene-d8	8.647	98	155329	50.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.100%			
62) 4-Bromofluorobenzene	11.079	95	59792	50.732	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.460%			

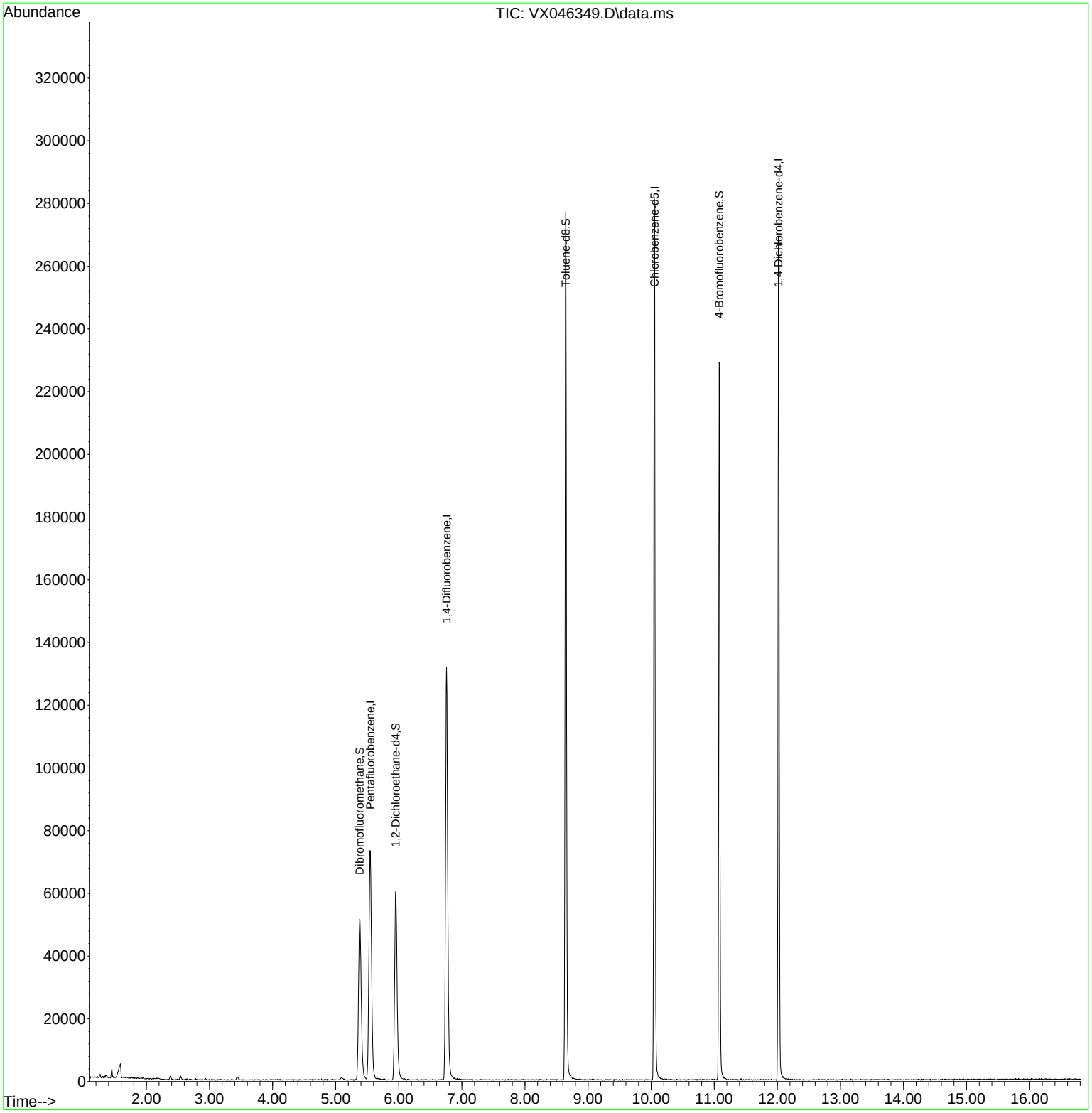
Target Compounds Qvalue

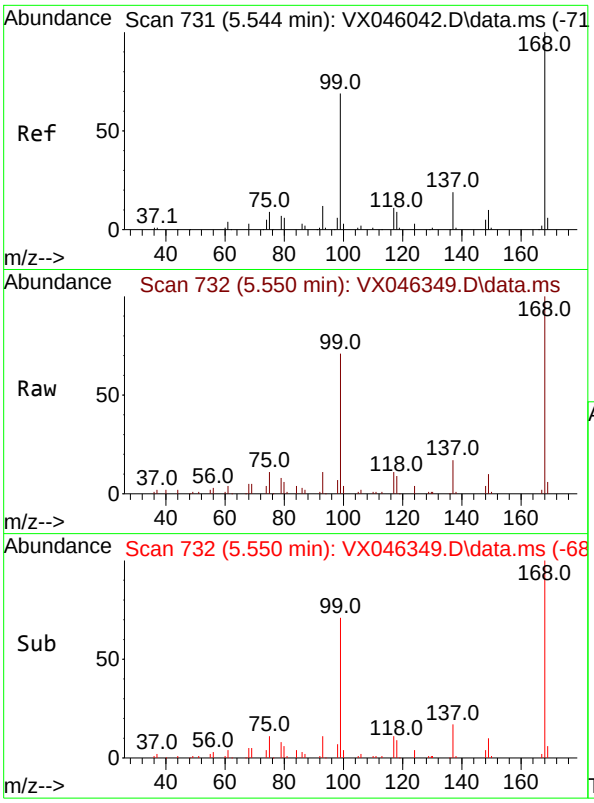
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046349.D
Acq On : 23 May 2025 16:49
Operator : JC/MD
Sample : Q2114-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

Quant Time: May 23 23:04:45 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



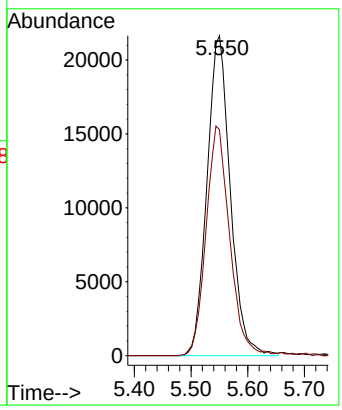


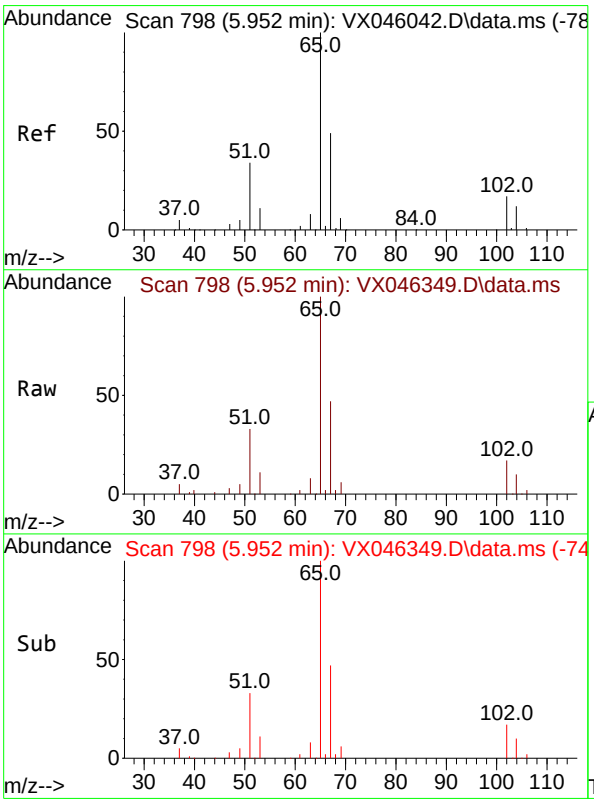
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:168 Resp: 61866

Ion	Ratio	Lower	Upper
168	100		
99	70.7	54.9	82.3

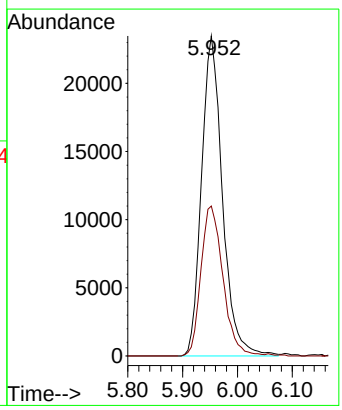


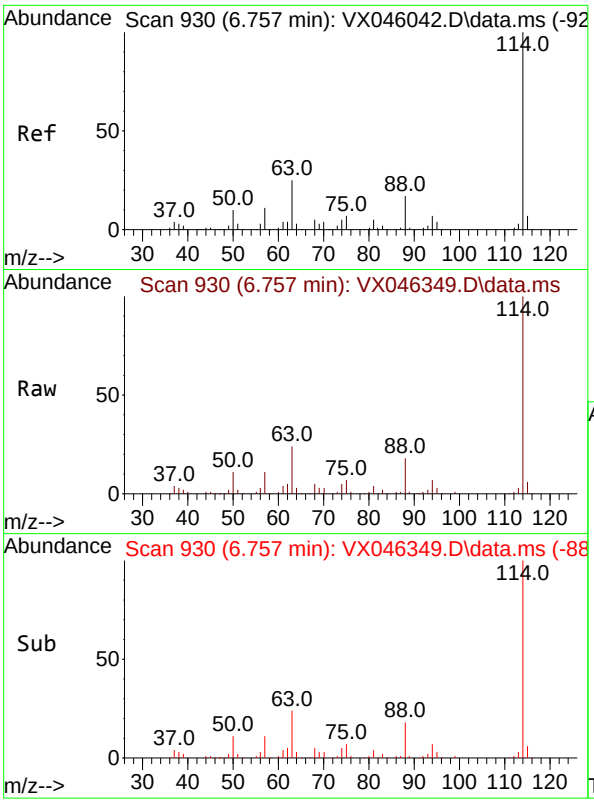


#33
1,2-Dichloroethane-d4
Concen: 53.920 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 65 Resp: 62190

Ion	Ratio	Lower	Upper
65	100		
67	49.2	0.0	99.0



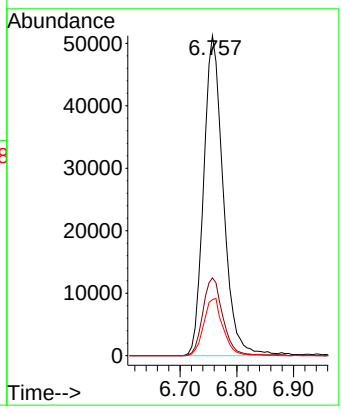


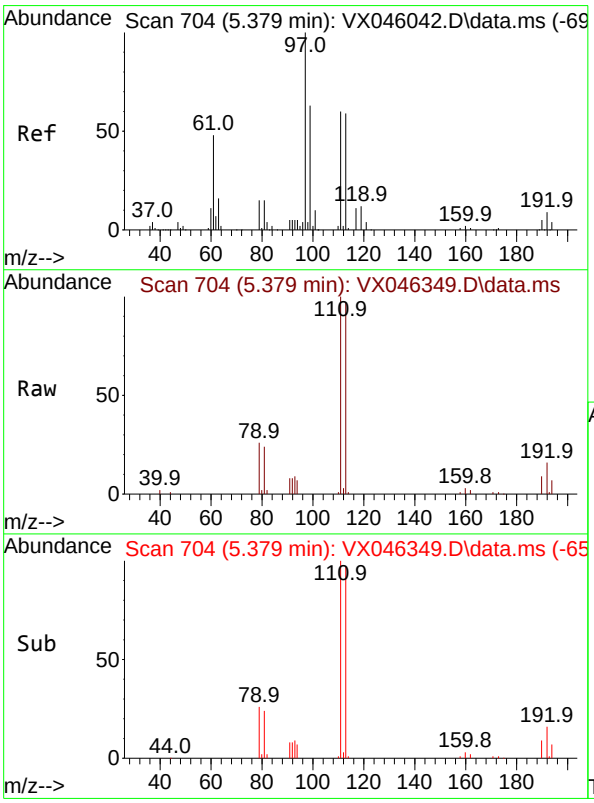
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:114 Resp: 123278

Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	49.2
88	17.5	0.0	33.6

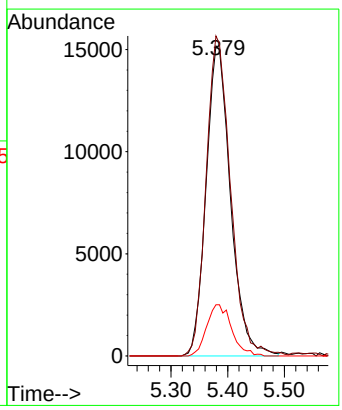


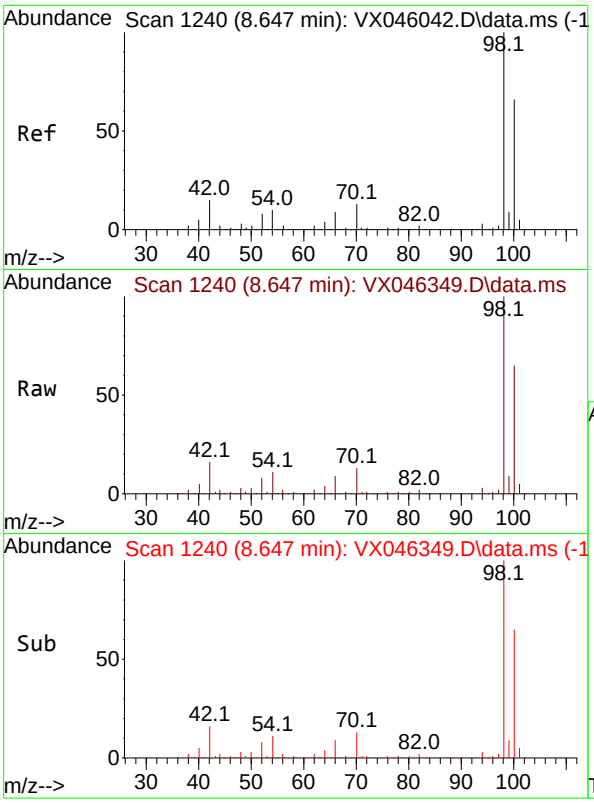


#35
Dibromofluoromethane
Concen: 51.187 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion:113 Resp: 45440

Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.1	124.7
192	16.9	13.3	19.9



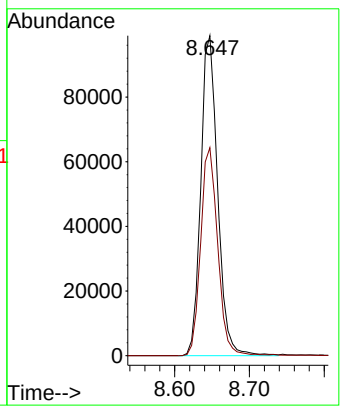


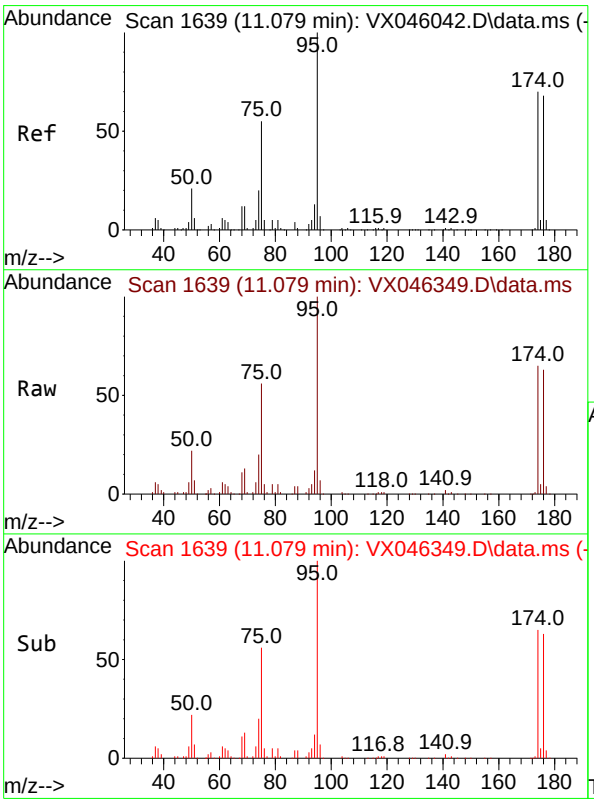
#50
Toluene-d8
Concen: 50.554 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion: 98 Resp: 155329

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3

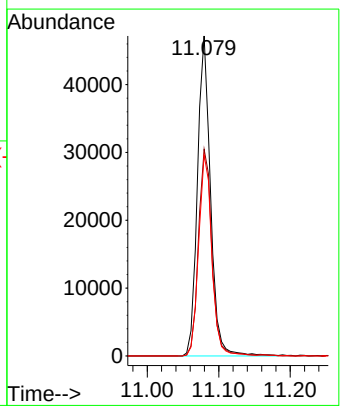


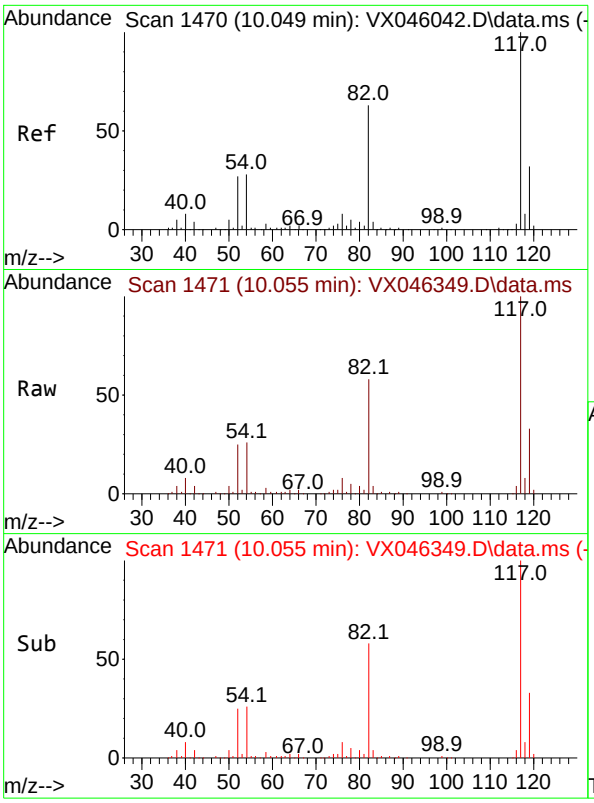


#62
4-Bromofluorobenzene
Concen: 50.732 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion: 95 Resp: 59792

Ion	Ratio	Lower	Upper
95	100		
174	66.9	0.0	135.8
176	63.4	0.0	131.4



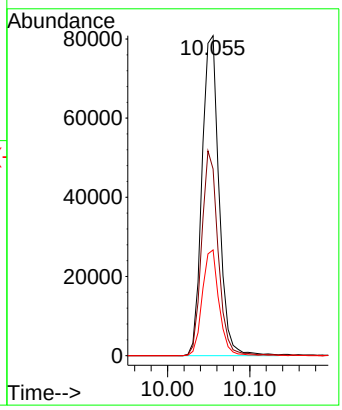


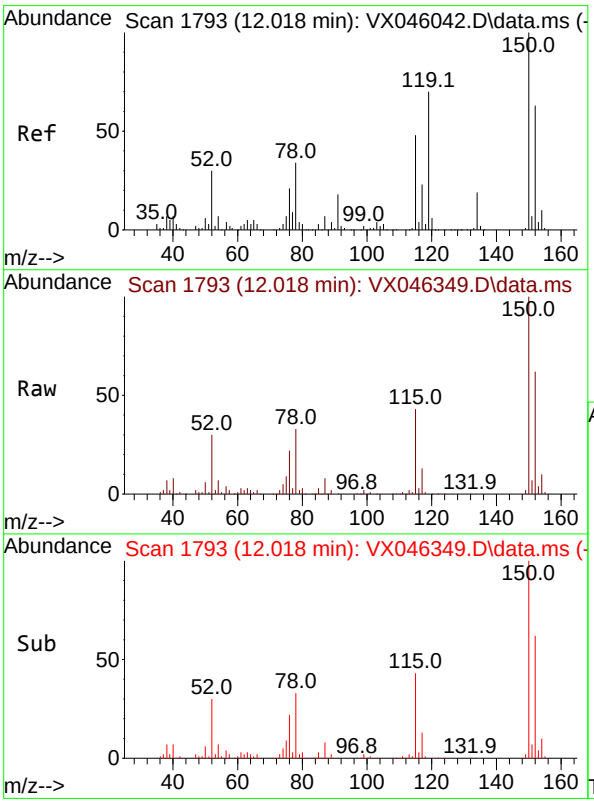
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Instrument :
MSVOA_X
ClientSampleId :
FB

Tgt Ion:117 Resp: 116230

Ion	Ratio	Lower	Upper
117	100		
82	58.3	50.6	76.0
119	33.1	25.8	38.6

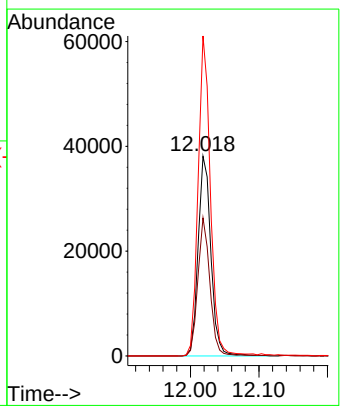




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046349.D
Acq: 23 May 2025 16:49

Tgt Ion:152 Resp: 49600

Ion	Ratio	Lower	Upper
152	100		
115	65.5	46.9	140.7
150	154.2	0.0	351.0



Sample Results: **VX046349.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046349.D
Acq On : 23 May 2025 16:49
Operator : JC/MD
Sample : Q2114-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

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: VX046349.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.587	69	82	86	rVB3	4346	11588	2.63%	0.499%
2	5.379	694	704	721	rBV	51279	153118	34.78%	6.595%
3	5.544	721	731	747	rVV2	72920	208049	47.26%	8.960%
4	5.952	787	798	811	rBV	60186	162349	36.88%	6.992%
5	6.757	921	930	949	rBV	131420	317344	72.09%	13.667%
6	8.647	1233	1240	1255	rBV	276921	440206	100.00%	18.959%
7	10.049	1465	1470	1481	rBV	280958	398761	90.59%	17.174%
8	11.079	1634	1639	1651	rBV	228822	293068	66.58%	12.622%
9	12.018	1788	1793	1808	rBV	268766	337420	76.65%	14.532%

Sum of corrected areas: 2321903

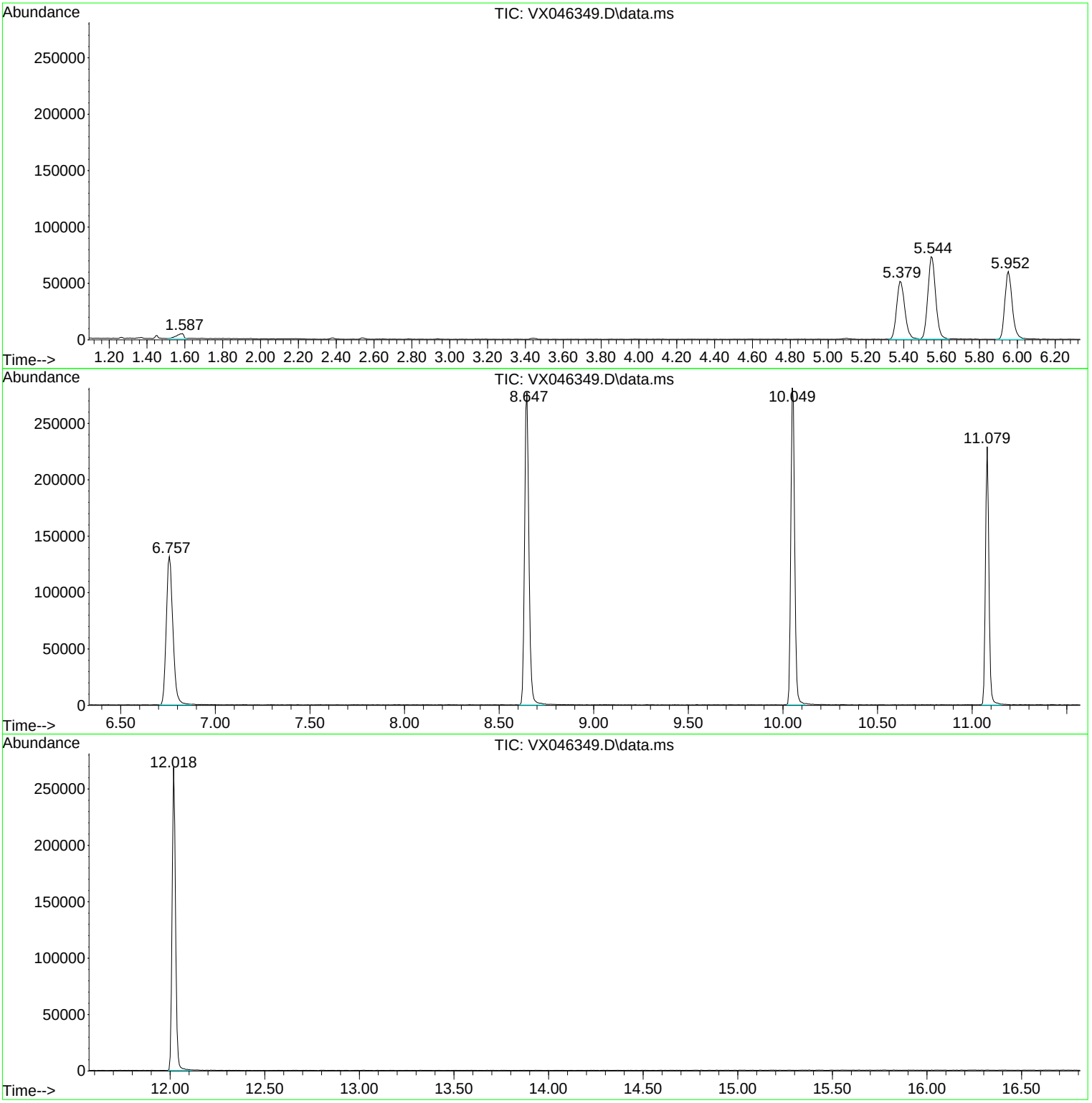
Sample Results: **VX046349.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046349.D
Acq On : 23 May 2025 16:49
Operator : JC/MD
Sample : Q2114-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

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: **VX046349.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046349.D
Acq On : 23 May 2025 16:49
Operator : JC/MD
Sample : Q2114-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

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\VX052325\
Data File : VX046349.D
Acq On : 23 May 2025 16:49
Operator : JC/MD
Sample : Q2114-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FB

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\VX052325\
Data File : VX046333.D
Acq On : 23 May 2025 10:16
Operator : JC/MD
Sample : VX0523WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

Quant Time: May 23 22:57:14 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	5.550	168	69169	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136383	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68649	53.236	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.480%			
35) Dibromofluoromethane	5.379	113	51060	51.991	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.980%			
50) Toluene-d8	8.647	98	173751	51.115	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.240%			
62) 4-Bromofluorobenzene	11.079	95	67697	51.920	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.840%			

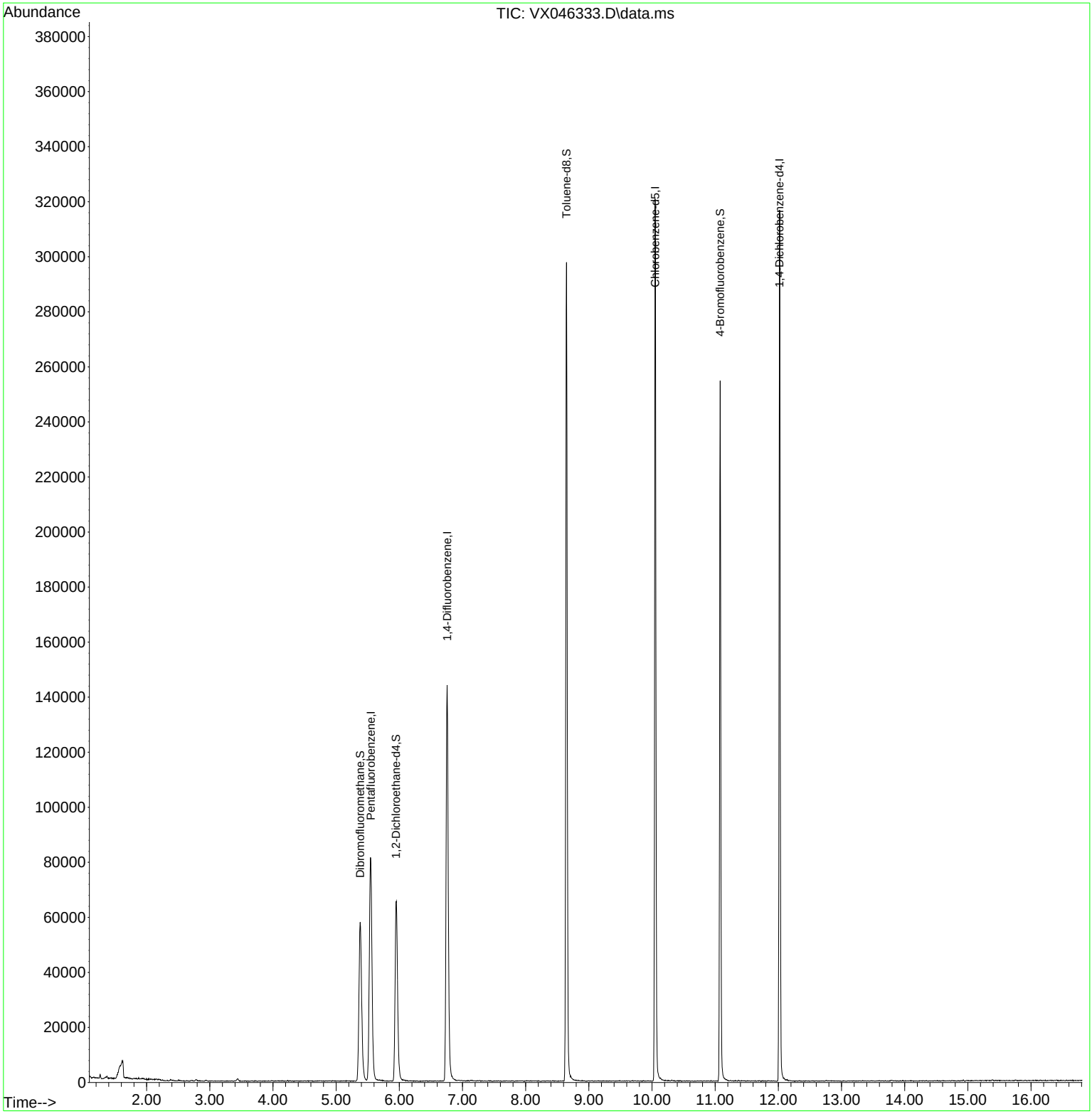
Target Compounds Qvalue

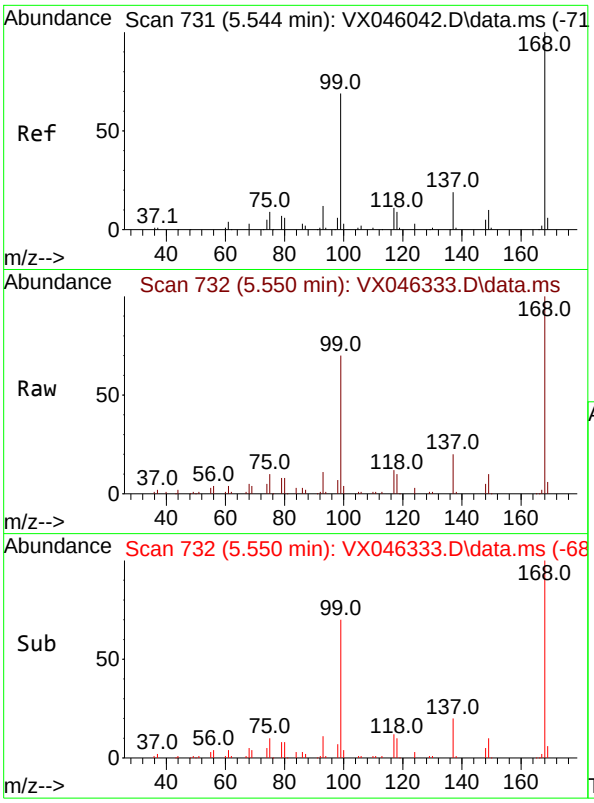
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046333.D
Acq On : 23 May 2025 10:16
Operator : JC/MD
Sample : VX0523WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

Quant Time: May 23 22:57:14 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



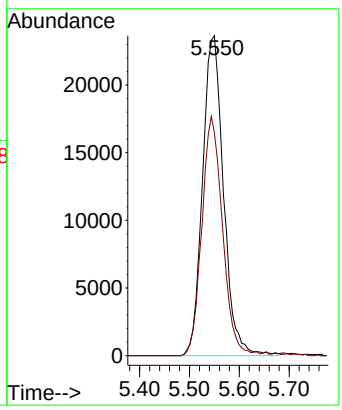


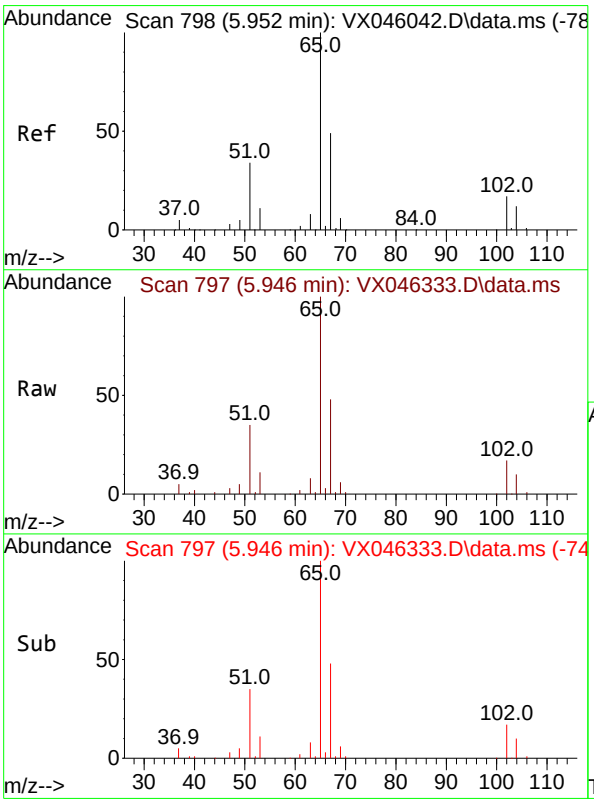
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

Tgt Ion:168 Resp: 69169

Ion	Ratio	Lower	Upper
168	100		
99	69.8	54.9	82.3

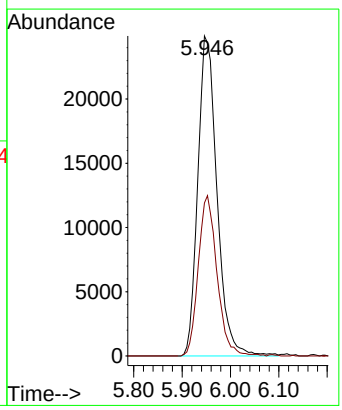


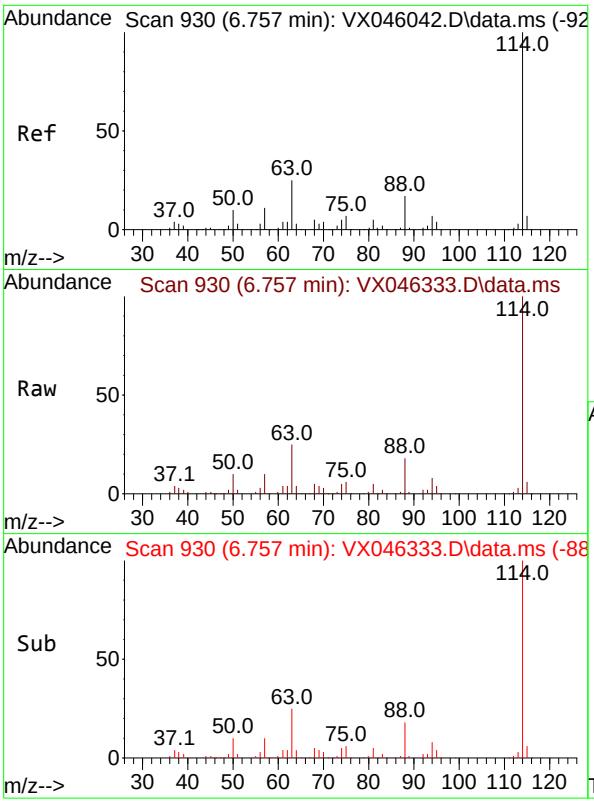


#33
1,2-Dichloroethane-d4
Concen: 53.236 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Tgt Ion: 65 Resp: 68649

Ion	Ratio	Lower	Upper
65	100		
67	49.0	0.0	99.0



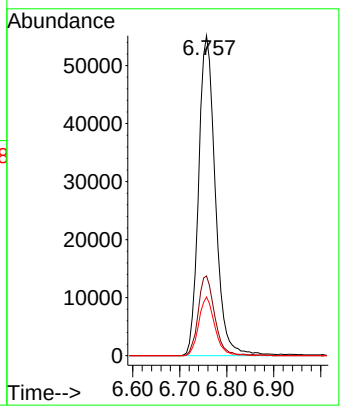


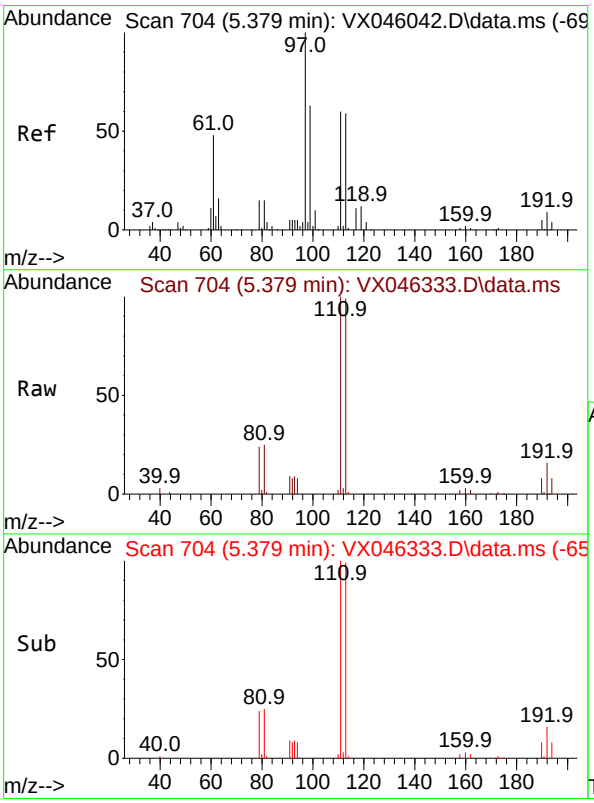
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

Tgt Ion:114 Resp: 136383

Ion	Ratio	Lower	Upper
114	100		
63	24.9	0.0	49.2
88	18.4	0.0	33.6

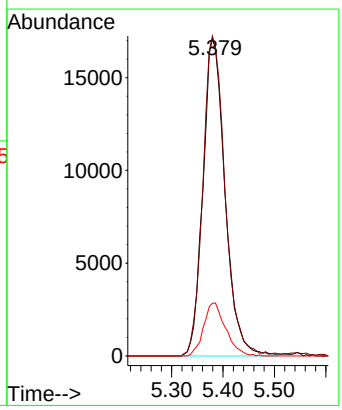


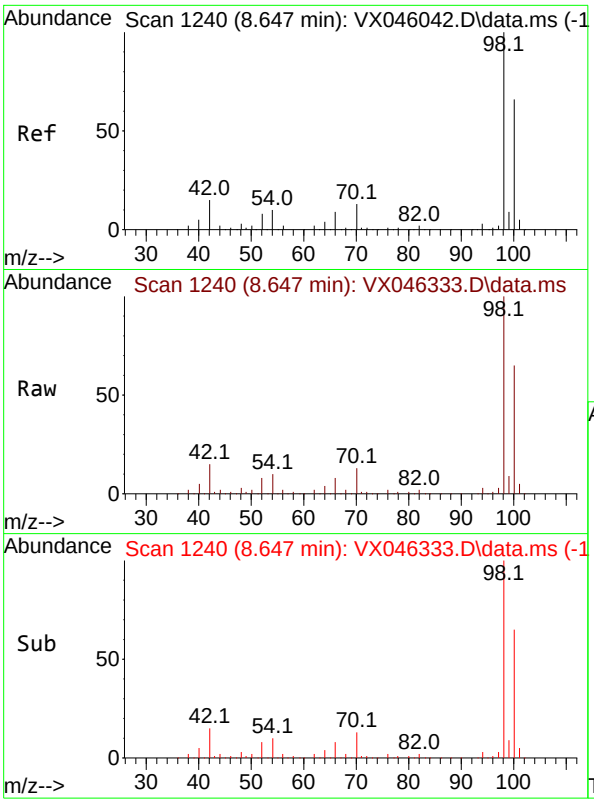


#35
Dibromofluoromethane
Concen: 51.991 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Tgt Ion:113 Resp: 51060

Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.1	124.7
192	16.7	13.3	19.9



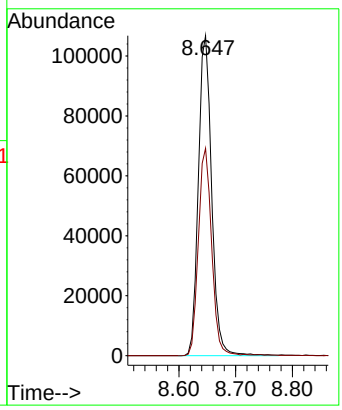


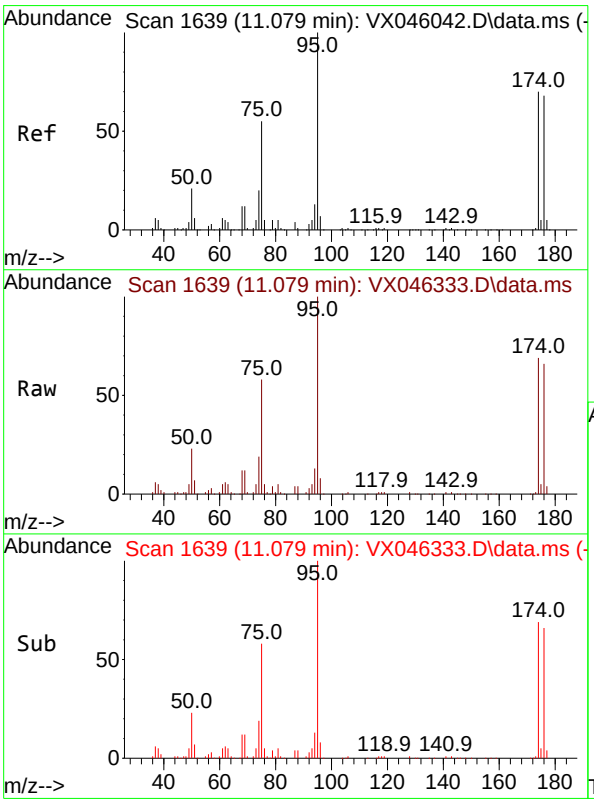
#50
Toluene-d8
Concen: 51.115 ug/l
RT: 8.647 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

Tgt Ion: 98 Resp: 173751

Ion	Ratio	Lower	Upper
98	100		
100	65.2	53.5	80.3

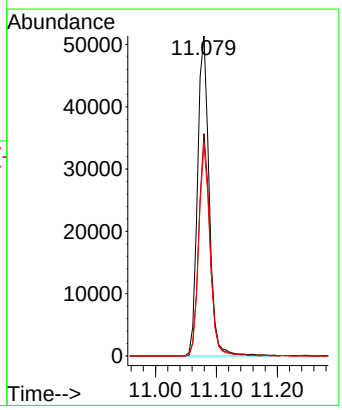


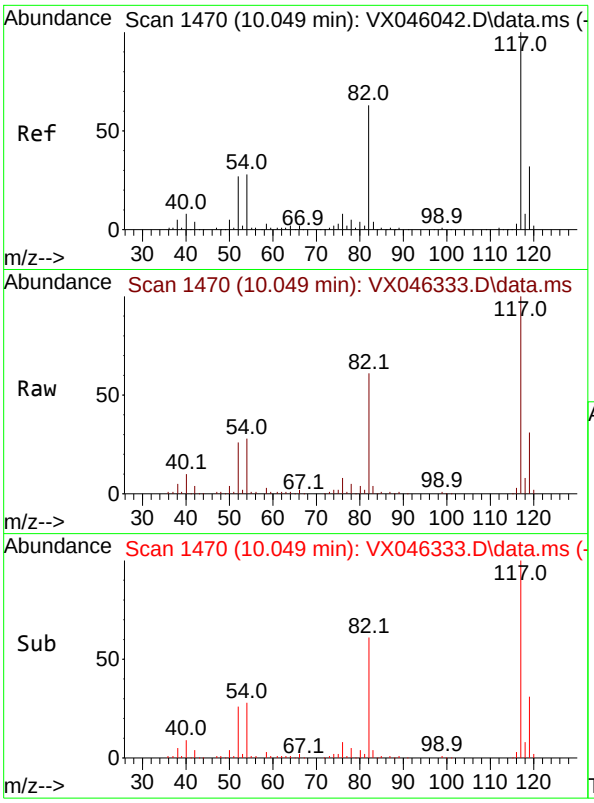


#62
4-Bromofluorobenzene
Concen: 51.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Tgt Ion: 95 Resp: 67697

Ion	Ratio	Lower	Upper
95	100		
174	67.1	0.0	135.8
176	64.3	0.0	131.4



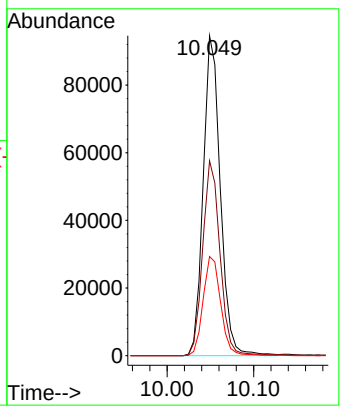


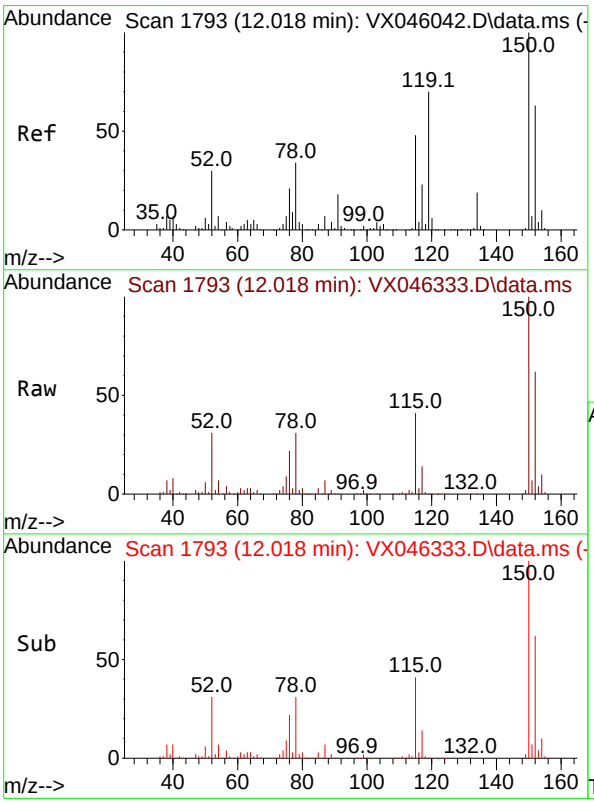
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

Tgt Ion:117 Resp: 129888

Ion	Ratio	Lower	Upper
117	100		
82	60.9	50.6	76.0
119	31.0	25.8	38.6

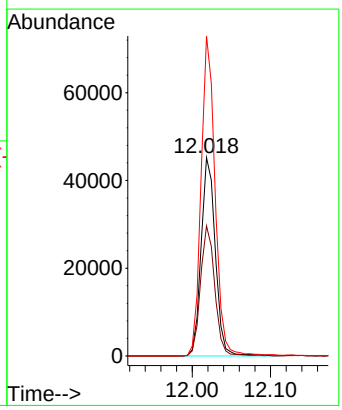




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046333.D
Acq: 23 May 2025 10:16

Tgt Ion:152 Resp: 57102

Ion	Ratio	Lower	Upper
152	100		
115	65.8	46.9	140.7
150	158.9	0.0	351.0



Sample Results: **VX046333.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046333.D
Acq On : 23 May 2025 10:16
Operator : JC/MD
Sample : VX0523WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

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: VX046333.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.581	69	81	82	rBV4	4710	12137	2.48%	0.467%
2	5.379	692	704	721	rBV	57790	172122	35.23%	6.617%
3	5.544	721	731	748	rVV2	80958	233717	47.84%	8.985%
4	5.952	788	798	814	rBV	65357	179386	36.72%	6.896%
5	6.757	920	930	953	rBV	143790	350200	71.68%	13.463%
6	8.647	1233	1240	1261	rBV	297478	488572	100.00%	18.783%
7	10.049	1465	1470	1483	rBV	320340	442559	90.58%	17.014%
8	11.079	1634	1639	1649	rBV	254212	329326	67.41%	12.661%
9	12.018	1788	1793	1808	rBV	316423	393184	80.48%	15.115%

Sum of corrected areas: 2601203

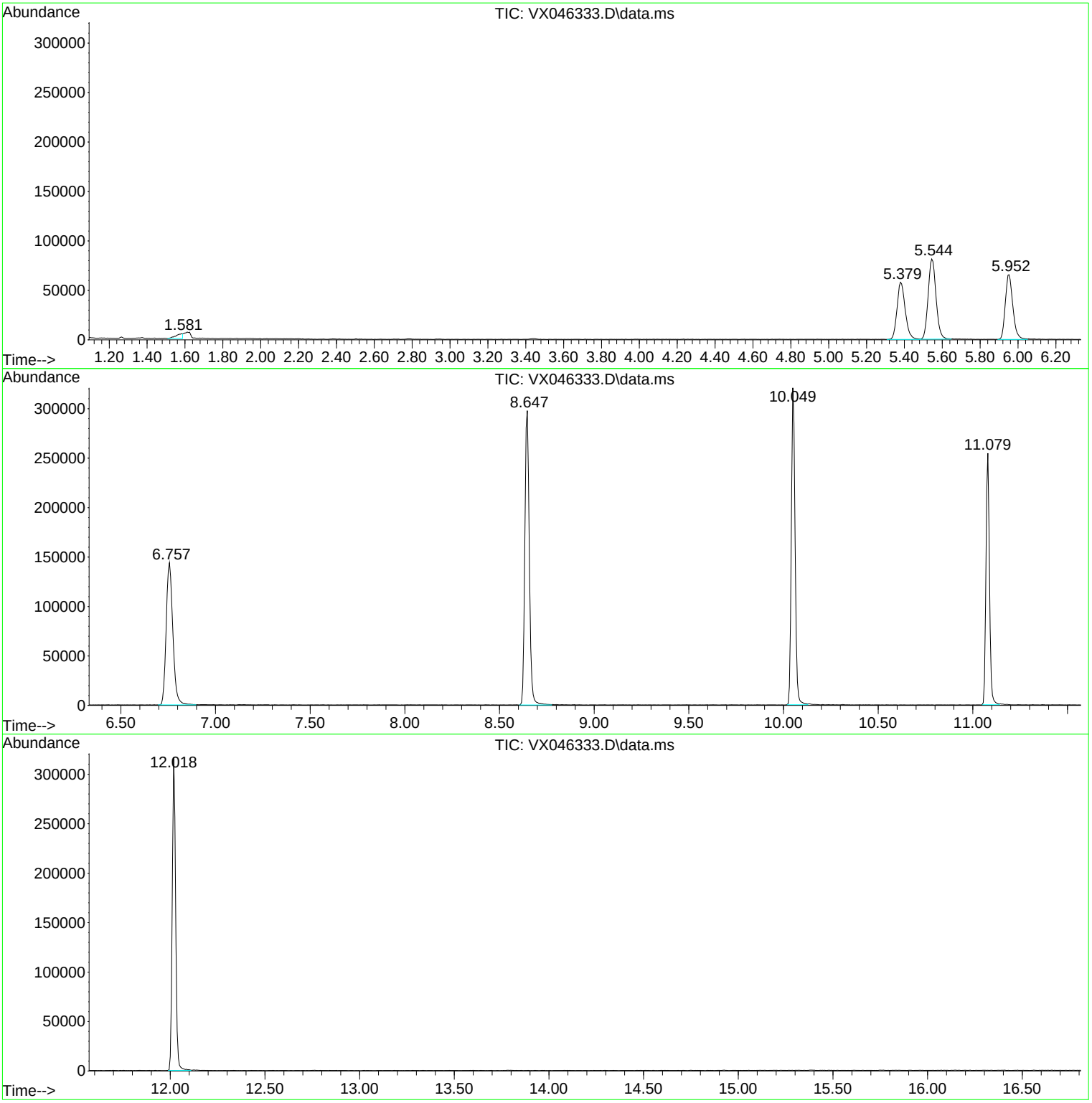
Sample Results: **VX046333.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046333.D
Acq On : 23 May 2025 10:16
Operator : JC/MD
Sample : VX0523WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

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: **VX046333.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046333.D
Acq On : 23 May 2025 10:16
Operator : JC/MD
Sample : VX0523WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

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\VX052325\
Data File : VX046333.D
Acq On : 23 May 2025 10:16
Operator : JC/MD
Sample : VX0523WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0523WBL01

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\VX052325\
Data File : VX046334.D
Acq On : 23 May 2025 10:57
Operator : JC/MD
Sample : VX0523WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 22:57:36 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 :
VX0523WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	88801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	154286	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83672	50.541	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.080%			
35) Dibromofluoromethane	5.379	113	58176	52.363	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.720%			
50) Toluene-d8	8.641	98	194812	50.661	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.079	95	75851	51.423	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.840%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	26885	19.781	ug/l	99
3) Chloromethane	1.307	50	24599	18.663	ug/l	98
4) Vinyl Chloride	1.374	62	21875	17.833	ug/l	99
5) Bromomethane	1.599	94	10427	18.326	ug/l	95
6) Chloroethane	1.672	64	12552	19.167	ug/l	95
7) Trichlorofluoromethane	1.880	101	36086	19.905	ug/l	98
8) Diethyl Ether	2.130	74	11857	19.212	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	22550	20.099	ug/l	99
10) Methyl Iodide	2.447	142	23690	17.845	ug/l	97
11) Tert butyl alcohol	2.965	59	24727	106.404	ug/l	100
12) 1,1-Dichloroethene	2.312	96	20358	19.334	ug/l	98
13) Acrolein	2.233	56	22886	86.476	ug/l	99
14) Allyl chloride	2.654	41	40722	20.236	ug/l	98
15) Acrylonitrile	3.056	53	69823	105.077	ug/l	98
16) Acetone	2.380	43	66843	100.699	ug/l	100
17) Carbon Disulfide	2.508	76	38442	15.399	ug/l	97
18) Methyl Acetate	2.703	43	37888	24.597	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	76286	20.665	ug/l	98
20) Methylene Chloride	2.782	84	23645	18.588	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	20167	19.045	ug/l	97
22) Diisopropyl ether	3.751	45	81936	21.078	ug/l #	82
23) Vinyl Acetate	3.715	43	344264	100.693	ug/l	100
24) 1,1-Dichloroethane	3.605	63	43994	20.320	ug/l	98
25) 2-Butanone	4.550	43	101247	105.062	ug/l	98
26) 2,2-Dichloropropane	4.471	77	32985	19.464	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	26053	20.438	ug/l	99
28) Bromochloromethane	4.891	49	23073	22.139	ug/l	95
29) Tetrahydrofuran	5.001	42	64602	106.980	ug/l	98
30) Chloroform	5.086	83	47289	20.955	ug/l	95
31) Cyclohexane	5.458	56	37029	18.768	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	39986	20.440	ug/l	98
36) 1,1-Dichloropropene	5.684	75	28160	18.864	ug/l	97
37) Ethyl Acetate	4.708	43	37243	20.193	ug/l	100
38) Carbon Tetrachloride	5.665	117	34138	20.354	ug/l	97
39) Methylcyclohexane	7.373	83	35346	18.392	ug/l	95
40) Benzene	6.031	78	88565	20.255	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046334.D
Acq On : 23 May 2025 10:57
Operator : JC/MD
Sample : VX0523WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 22:57:36 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 :
VX0523WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21949	22.750	ug/l		98
42) 1,2-Dichloroethane	6.080	62	39039	20.687	ug/l		98
43) Isopropyl Acetate	6.336	43	58465	20.779	ug/l		98
44) Trichloroethene	7.116	130	20856	19.818	ug/l		99
45) 1,2-Dichloropropane	7.427	63	22887	21.051	ug/l		95
46) Dibromomethane	7.574	93	17401	20.292	ug/l		99
47) Bromodichloromethane	7.818	83	35210	20.847	ug/l		97
48) Methyl methacrylate	7.690	41	30700	21.365	ug/l		99
49) 1,4-Dioxane	7.659	88	11623	426.008	ug/l		99
51) 4-Methyl-2-Pentanone	8.567	43	204759	109.635	ug/l		98
52) Toluene	8.714	92	54660	20.387	ug/l		98
53) t-1,3-Dichloropropene	8.976	75	29346	19.548	ug/l		99
54) cis-1,3-Dichloropropene	8.360	75	34425	20.748	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	23071	21.823	ug/l		99
56) Ethyl methacrylate	9.110	69	35941	21.331	ug/l		99
57) 1,3-Dichloropropane	9.305	76	38963	20.522	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	92851	108.093	ug/l		100
59) 2-Hexanone	9.427	43	150965	109.257	ug/l		98
60) Dibromochloromethane	9.518	129	24359	20.981	ug/l		98
61) 1,2-Dibromoethane	9.604	107	22797	20.748	ug/l		99
64) Tetrachloroethene	9.269	164	19995	20.878	ug/l		94
65) Chlorobenzene	10.073	112	59694	20.149	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20790	20.551	ug/l		99
67) Ethyl Benzene	10.189	91	105906	20.280	ug/l		100
68) m/p-Xylenes	10.299	106	77627	40.642	ug/l		96
69) o-Xylene	10.640	106	38262	20.548	ug/l		96
70) Styrene	10.652	104	63992	20.979	ug/l		98
71) Bromoform	10.799	173	14711	19.369	ug/l	#	97
73) Isopropylbenzene	10.957	105	103395	20.246	ug/l		99
74) N-amyl acetate	10.841	43	50382	19.965	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36107	20.176	ug/l		100
76) 1,2,3-Trichloropropane	11.238	75	31390m	19.881	ug/l		
77) Bromobenzene	11.195	156	23688	19.979	ug/l		100
78) n-propylbenzene	11.299	91	120436	20.282	ug/l		99
79) 2-Chlorotoluene	11.360	91	76565	19.991	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	88181	20.669	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	9236	19.044	ug/l		95
82) 4-Chlorotoluene	11.451	91	86969	20.476	ug/l		99
83) tert-Butylbenzene	11.713	119	86219	20.063	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	88916	20.580	ug/l		100
85) sec-Butylbenzene	11.890	105	108908	20.640	ug/l		99
86) p-Isopropyltoluene	12.006	119	88860	20.402	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	43379	20.048	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	43812	19.826	ug/l		98
89) n-Butylbenzene	12.329	91	76398	19.997	ug/l		99
90) Hexachloroethane	12.536	117	14567	18.984	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	44827	20.645	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8025	20.242	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	24140	19.356	ug/l		99
94) Hexachlorobutadiene	13.725	225	11016	20.225	ug/l		99
95) Naphthalene	13.774	128	87267	19.079	ug/l		99
96) 1,2,3-Trichlorobenzene	13.963	180	24990	19.420	ug/l		98

Sample Results: **VX046334.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046334.D
Acq On : 23 May 2025 10:57
Operator : JC/MD
Sample : VX0523WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 22:57:36 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 :
VX0523WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

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

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

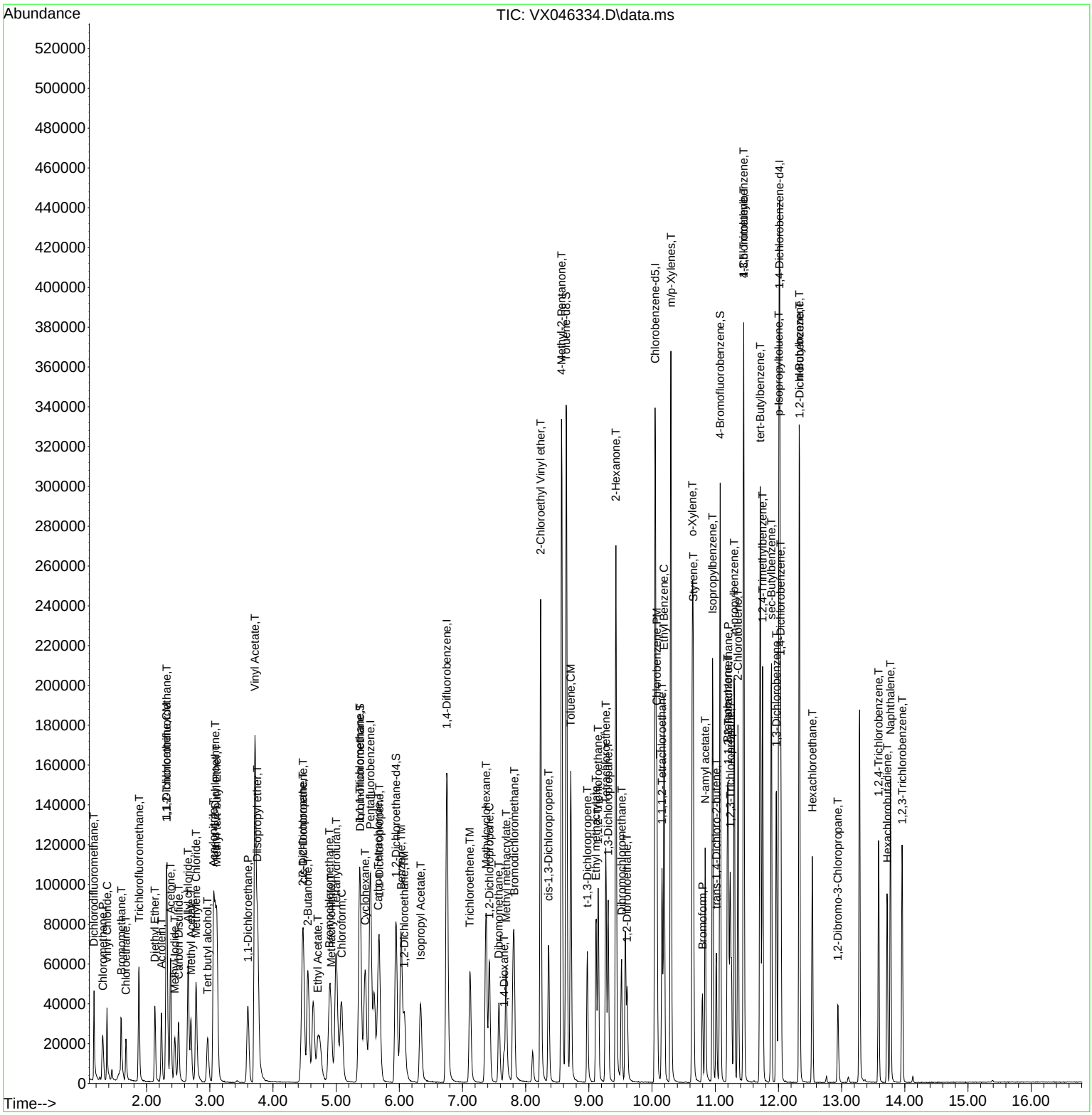
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046334.D
Acq On : 23 May 2025 10:57
Operator : JC/MD
Sample : VX0523WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 23 22:57:36 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 :
VX0523WBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046337.D
Acq On : 23 May 2025 12:10
Operator : JC/MD
Sample : VX0523WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 23 22:59:30 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 :
VX0523WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	88781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83078	50.193	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.380%			
35) Dibromofluoromethane	5.385	113	57411	51.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	8.647	98	195435	50.259	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.079	95	77206	51.761	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.520%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	25474	18.747	ug/l	97
3) Chloromethane	1.301	50	24413	18.526	ug/l	99
4) Vinyl Chloride	1.374	62	21369	17.424	ug/l	96
5) Bromomethane	1.599	94	9985	17.554	ug/l	97
6) Chloroethane	1.673	64	13061	19.949	ug/l	97
7) Trichlorofluoromethane	1.880	101	35491	19.581	ug/l	99
8) Diethyl Ether	2.136	74	11569	18.750	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	21961	19.579	ug/l	99
10) Methyl Iodide	2.447	142	24410	18.391	ug/l	99
11) Tert butyl alcohol	2.971	59	23549	101.358	ug/l	97
12) 1,1-Dichloroethene	2.313	96	19463	18.488	ug/l	97
13) Acrolein	2.233	56	25046	94.659	ug/l	98
14) Allyl chloride	2.660	41	39575	19.670	ug/l	97
15) Acrylonitrile	3.063	53	70219	105.696	ug/l	99
16) Acetone	2.380	43	66639	100.414	ug/l	99
17) Carbon Disulfide	2.508	76	35232	14.117	ug/l	100
18) Methyl Acetate	2.703	43	37985	24.666	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	76705	20.783	ug/l	98
20) Methylene Chloride	2.782	84	23632	18.582	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	19656	18.567	ug/l	97
22) Diisopropyl ether	3.757	45	82218	21.156	ug/l	94
23) Vinyl Acetate	3.721	43	343611	100.524	ug/l	100
24) 1,1-Dichloroethane	3.605	63	44347	20.487	ug/l	99
25) 2-Butanone	4.556	43	101697	105.553	ug/l	99
26) 2,2-Dichloropropane	4.471	77	33007	19.482	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	25739	20.196	ug/l	99
28) Bromochloromethane	4.891	49	22384	21.483	ug/l	97
29) Tetrahydrofuran	5.007	42	63143	104.588	ug/l	99
30) Chloroform	5.087	83	47399	21.008	ug/l	96
31) Cyclohexane	5.465	56	37631	19.078	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	39871	20.386	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29850	19.774	ug/l	100
37) Ethyl Acetate	4.715	43	37140	19.914	ug/l	99
38) Carbon Tetrachloride	5.672	117	32350	19.073	ug/l	98
39) Methylcyclohexane	7.379	83	36232	18.644	ug/l	95
40) Benzene	6.031	78	90373	20.439	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046337.D
Acq On : 23 May 2025 12:10
Operator : JC/MD
Sample : VX0523WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 23 22:59:30 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 :
VX0523WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21497	22.034	ug/l		98
42) 1,2-Dichloroethane	6.080	62	39414	20.654	ug/l		99
43) Isopropyl Acetate	6.342	43	59852	21.036	ug/l		100
44) Trichloroethene	7.123	130	21039	19.770	ug/l		99
45) 1,2-Dichloropropane	7.428	63	23384	21.269	ug/l		98
46) Dibromomethane	7.580	93	17380	20.043	ug/l		99
47) Bromodichloromethane	7.818	83	34711	20.324	ug/l		94
48) Methyl methacrylate	7.690	41	31880	21.940	ug/l		99
49) 1,4-Dioxane	7.659	88	12226	443.135	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	203409	107.703	ug/l		100
52) Toluene	8.714	92	56025	20.664	ug/l		99
53) t-1,3-Dichloropropene	8.976	75	29223	19.250	ug/l		100
54) cis-1,3-Dichloropropene	8.366	75	33496	19.964	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	23165	21.669	ug/l		96
56) Ethyl methacrylate	9.116	69	37300	21.892	ug/l		99
57) 1,3-Dichloropropane	9.305	76	40634	21.164	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	91224	105.020	ug/l		100
59) 2-Hexanone	9.427	43	154608	110.651	ug/l		99
60) Dibromochloromethane	9.519	129	23795	20.267	ug/l		97
61) 1,2-Dibromoethane	9.610	107	23433	21.090	ug/l		99
64) Tetrachloroethene	9.269	164	19788	20.184	ug/l		95
65) Chlorobenzene	10.080	112	60662	20.002	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20600	19.892	ug/l		98
67) Ethyl Benzene	10.189	91	110710	20.709	ug/l		99
68) m/p-Xylenes	10.299	106	80300	41.069	ug/l		97
69) o-Xylene	10.640	106	40011	20.990	ug/l		94
70) Styrene	10.653	104	67035	21.468	ug/l		98
71) Bromoform	10.799	173	14390	18.508	ug/l	#	97
73) Isopropylbenzene	10.957	105	108018	21.506	ug/l		100
74) N-amyl acetate	10.842	43	53653	21.617	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37352	21.221	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	32701m	21.058	ug/l		
77) Bromobenzene	11.195	156	24128	20.692	ug/l		98
78) n-propylbenzene	11.299	91	122931	21.050	ug/l		100
79) 2-Chlorotoluene	11.360	91	78220	20.765	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	91615	21.833	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	8375	17.558	ug/l		89
82) 4-Chlorotoluene	11.451	91	88845	21.268	ug/l		99
83) tert-Butylbenzene	11.713	119	90311	21.367	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	92322	21.726	ug/l		99
85) sec-Butylbenzene	11.890	105	112789	21.734	ug/l		98
86) p-Isopropyltoluene	12.006	119	92615	21.620	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	43835	20.598	ug/l		98
88) 1,4-Dichlorobenzene	12.037	146	44676	20.556	ug/l		98
89) n-Butylbenzene	12.329	91	78814	20.975	ug/l		100
90) Hexachloroethane	12.536	117	14474	19.179	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	46803	21.916	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8003	20.524	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	26034	21.225	ug/l		97
94) Hexachlorobutadiene	13.725	225	10958	20.455	ug/l		97
95) Naphthalene	13.774	128	95806	21.296	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	26794	21.171	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046337.D
Acq On : 23 May 2025 12:10
Operator : JC/MD
Sample : VX0523WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 23 22:59:30 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 :
VX0523WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025

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

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

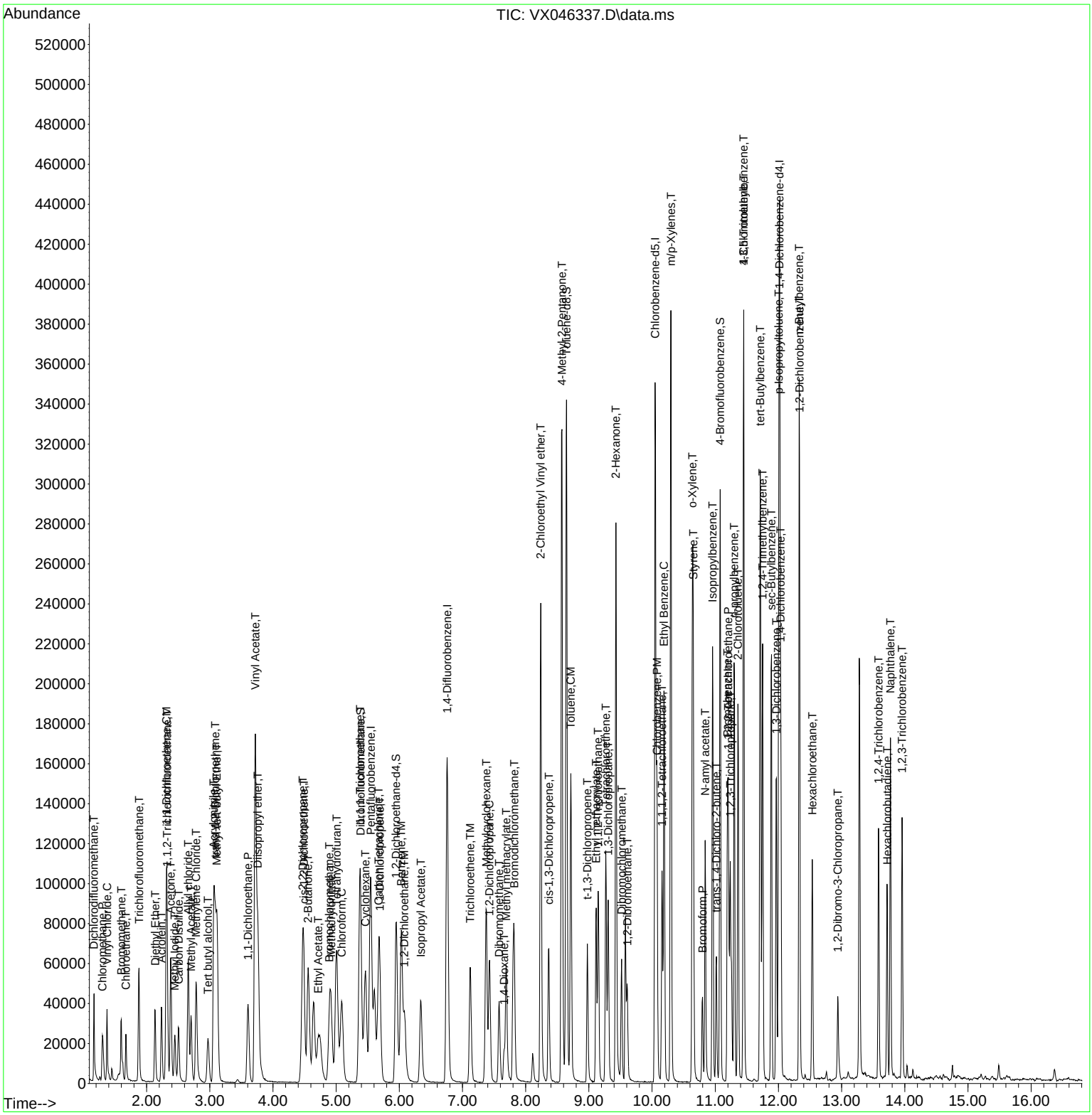
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046337.D
Acq On : 23 May 2025 12:10
Operator : JC/MD
Sample : VX0523WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 23 22:59:30 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 :
VX0523WBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/26/2025
Supervised By :Mahesh Dadoda 05/26/2025



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:	vx052325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046331.D	1,2,3-Trichloropropane	SAM	5/26/2025 5:41:51 AM	MMDadoda	5/26/2025 5:43:38 AM	Peak Integrated by Software
VSTDCCC050	VX046331.D	Methacrylonitrile	SAM	5/26/2025 5:41:51 AM	MMDadoda	5/26/2025 5:43:38 AM	Peak Integrated by Software
VX0523WBS01	VX046334.D	1,2,3-Trichloropropane	SAM	5/26/2025 5:41:54 AM	MMDadoda	5/26/2025 5:43:41 AM	Peak Integrated by Software
VX0523WBSD01	VX046337.D	1,2,3-Trichloropropane	SAM	5/26/2025 5:42:00 AM	MMDadoda	5/26/2025 5:43:45 AM	Peak Integrated by Software
VSTDCCC050	VX046357.D	1,2,3-Trichloropropane	SAM	5/26/2025 5:42:03 AM	MMDadoda	5/26/2025 5:43:48 AM	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 # VX052325

Review By	John Carlone	Review On	5/23/2025 4:14:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/26/2025 5:42:25 AM		
SubDirectory	VX052325	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134008
Initial Calibration Stds	
CCC	VP134009,VP134010
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046330.D	23 May 2025 08:25	JC/MD	Ok
2	VSTDCCC050	VX046331.D	23 May 2025 09:24	JC/MD	Ok,M
3	VX0523MBL01	VX046332.D	23 May 2025 09:53	JC/MD	Ok
4	VX0523WBL01	VX046333.D	23 May 2025 10:16	JC/MD	Ok
5	VX0523WBS01	VX046334.D	23 May 2025 10:57	JC/MD	Ok,M
6	VX0523MBS01	VX046335.D	23 May 2025 11:23	JC/MD	Ok,M
7	Q2075-06ME	VX046336.D	23 May 2025 11:46	JC/MD	Ok
8	VX0523WBSD01	VX046337.D	23 May 2025 12:10	JC/MD	Ok,M
9	Q2120-01	VX046338.D	23 May 2025 12:33	JC/MD	Ok
10	Q2120-02	VX046339.D	23 May 2025 12:56	JC/MD	ReRun
11	Q2118-01	VX046340.D	23 May 2025 13:20	JC/MD	Ok
12	Q2118-05	VX046341.D	23 May 2025 13:43	JC/MD	Ok
13	Q2118-02	VX046342.D	23 May 2025 14:06	JC/MD	Ok
14	Q2118-03	VX046343.D	23 May 2025 14:29	JC/MD	Ok
15	Q2118-04	VX046344.D	23 May 2025 14:53	JC/MD	Ok
16	Q2118-06	VX046345.D	23 May 2025 15:16	JC/MD	Ok
17	Q2118-08	VX046346.D	23 May 2025 15:39	JC/MD	Ok
18	Q2118-09	VX046347.D	23 May 2025 16:03	JC/MD	Ok
19	Q2118-10	VX046348.D	23 May 2025 16:26	JC/MD	Ok
20	Q2114-02	VX046349.D	23 May 2025 16:49	JC/MD	Ok
21	Q2106-01	VX046350.D	23 May 2025 17:12	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX052325

Review By	John Carlone	Review On	5/23/2025 4:14:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/26/2025 5:42:25 AM		
SubDirectory	VX052325	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134008
Initial Calibration Stds	
CCC	VP134009,VP134010
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2114-01	VX046351.D	23 May 2025 17:36	JC/MD	Ok
23	Q2123-01	VX046352.D	23 May 2025 17:59	JC/MD	Ok
24	Q2123-02	VX046353.D	23 May 2025 18:22	JC/MD	Ok
25	Q2123-03	VX046354.D	23 May 2025 18:45	JC/MD	Ok
26	Q2123-04	VX046355.D	23 May 2025 19:09	JC/MD	Ok
27	Q2120-02	VX046356.D	23 May 2025 19:32	JC/MD	Ok
28	VSTDCCC050	VX046357.D	23 May 2025 19:55	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 # VX052325

Review By	John Carlone	Review On	5/23/2025 4:14:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/26/2025 5:42:25 AM		
SubDirectory	VX052325	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134008
Initial Calibration Stds	
CCC	VP134009,VP134010
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	VX046330.D	23 May 2025 08:25		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046331.D	23 May 2025 09:24	pH#Lot#V12668	JC/MD	Ok,M
3	VX0523MBL01	VX0523MBL01	VX046332.D	23 May 2025 09:53		JC/MD	Ok
4	VX0523WBL01	VX0523WBL01	VX046333.D	23 May 2025 10:16		JC/MD	Ok
5	VX0523WBS01	VX0523WBS01	VX046334.D	23 May 2025 10:57		JC/MD	Ok,M
6	VX0523MBS01	VX0523MBS01	VX046335.D	23 May 2025 11:23		JC/MD	Ok,M
7	Q2075-06ME	SS-MW1-11.5ME	VX046336.D	23 May 2025 11:46		JC/MD	Ok
8	VX0523WBSD01	VX0523WBSD01	VX046337.D	23 May 2025 12:10		JC/MD	Ok,M
9	Q2120-01	VPB182-HYD-2025052	VX046338.D	23 May 2025 12:33	vial A pH<2	JC/MD	Ok
10	Q2120-02	BP-VPB-182-EB-20250	VX046339.D	23 May 2025 12:56	vial A pH<2 EB,Hit of com.#16	JC/MD	ReRun
11	Q2118-01	BP-VPB-TB-20250520	VX046340.D	23 May 2025 13:20	vial A pH<2 TB	JC/MD	Ok
12	Q2118-05	BP-VPB-182-GW-460-4	VX046341.D	23 May 2025 13:43	vial A pH<2	JC/MD	Ok
13	Q2118-02	BP-VPB-182-GW-420-4	VX046342.D	23 May 2025 14:06	vial A pH<2	JC/MD	Ok
14	Q2118-03	BP-VPB-182-GW-450-4	VX046343.D	23 May 2025 14:29	vial A pH<2	JC/MD	Ok
15	Q2118-04	BP-VPB-182-DUP-2025	VX046344.D	23 May 2025 14:53	vial A pH<2	JC/MD	Ok
16	Q2118-06	BP-VPB-182-GW-480-4	VX046345.D	23 May 2025 15:16	vial A pH<2	JC/MD	Ok
17	Q2118-08	BP-VPB-182-GW-520-5	VX046346.D	23 May 2025 15:39	vial A pH<2	JC/MD	Ok
18	Q2118-09	BP-VPB-182-GW-540-5	VX046347.D	23 May 2025 16:03	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX052325

Review By	John Carlone	Review On	5/23/2025 4:14:57 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	5/26/2025 5:42:25 AM		
SubDirectory	VX052325	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134008
Initial Calibration Stds	
CCC	VP134009,VP134010
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2118-10	BP-VPB-182-GW-560-5	VX046348.D	23 May 2025 16:26	vial A pH<2	JC/MD	Ok
20	Q2114-02	FB	VX046349.D	23 May 2025 16:49	vial A pH<2 FB	JC/MD	Ok
21	Q2106-01	TW-WTS-09	VX046350.D	23 May 2025 17:12	vial A pH<2	JC/MD	Ok
22	Q2114-01	GAW1	VX046351.D	23 May 2025 17:36	vial A pH<2	JC/MD	Ok
23	Q2123-01	STORAGE-BLANK-SO	VX046352.D	23 May 2025 17:59	vial A pH<2	JC/MD	Ok
24	Q2123-02	STORAGE-BLANK-WA	VX046353.D	23 May 2025 18:22	vial A pH<2	JC/MD	Ok
25	Q2123-03	STORAGE-BLANK-WA	VX046354.D	23 May 2025 18:45	vial A pH<2	JC/MD	Ok
26	Q2123-04	STORAGE-BLANK-SA	VX046355.D	23 May 2025 19:09	vial A pH<2	JC/MD	Ok
27	Q2120-02	BP-VPB-182-EB-20250	VX046356.D	23 May 2025 19:32	vial B pH<2 EB	JC/MD	Ok
28	VSTDCCC050	VSTDCCC050EC	VX046357.D	23 May 2025 19:55		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2114	**OrderDate:**	5/22/2025 1:35:55 PM
Client:	G Environmental	**Project:**	Mt. Holly
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2114-01	**GAW1**	**Water**			**05/22/25**			**05/22/25**
			VOCMS Group1	8260-Low			05/23/25	
Q2114-02	**FB**	**Water**			**05/22/25**			**05/22/25**
			VOCMS Group1	8260-Low			05/23/25	