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

Hit Summary Sheet
SW-846

SDG No.: Q1945

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GB1W**								
Q1945-01	GB1W	Water	Acetone		2.80	J	1.50	5.00	ug/L
			Total Voc :		2.80				
			Total Concentration:		2.80				
Client ID:	**GB3W**								
Q1945-02	GB3W	Water	Acetone		13.4		1.50	5.00	ug/L
Q1945-02	GB3W	Water	Carbon Disulfide		0.52	J	0.21	1.00	ug/L
Q1945-02	GB3W	Water	Methylene Chloride		0.42	J	0.28	1.00	ug/L
Q1945-02	GB3W	Water	Cyclohexane		9.80		1.50	5.00	ug/L
Q1945-02	GB3W	Water	Methylcyclohexane		56.8		0.16	1.00	ug/L
Q1945-02	GB3W	Water	Toluene		28.0		0.14	1.00	ug/L
Q1945-02	GB3W	Water	Chlorobenzene		1.00		0.12	1.00	ug/L
Q1945-02	GB3W	Water	o-Xylene		2.30		0.12	1.00	ug/L
Q1945-02	GB3W	Water	Isopropylbenzene		23.3		0.12	1.00	ug/L
			Total Voc :		136				
Q1945-02	GB3W	Water	Benzene, 1,2,4,5-tetramethyl-	*	45.9	J	0	0	ug/L
Q1945-02	GB3W	Water	unknown10.775	*	39.9	J	0	0	ug/L
Q1945-02	GB3W	Water	Naphthalene, 1,7-dimethyl-	*	61.6	J	0	0	ug/L
Q1945-02	GB3W	Water	Naphthalene, 1,3-dimethyl-	*	58.7	J	0	0	ug/L
Q1945-02	GB3W	Water	Naphthalene, 1,6-dimethyl-	*	95.6	J	0	0	ug/L
Q1945-02	GB3W	Water	Naphthalene, 2,3-dimethyl-	*	110	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, 1-ethenyl-2-methyl-	*	51.4	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, 4-ethyl-1,2-dimethyl-	*	57.8	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, 2-butenyl-	*	170	J	0	0	ug/L
Q1945-02	GB3W	Water	1H-Indene, 2,3-dihydro-4,7-din	*	51.0	J	0	0	ug/L
Q1945-02	GB3W	Water	Cyclohexane, 1,2-dimethyl-, tra	*	36.7	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, 1-ethenyl-3-ethyl-	*	65.5	J	0	0	ug/L
Q1945-02	GB3W	Water	Benzene, (2-methyl-1-butenyl)-	*	69.2	J	0	0	ug/L
Q1945-02	GB3W	Water	n-propylbenzene	*	30.0	J	0.13	1.00	ug/L
Q1945-02	GB3W	Water	2-Chlorotoluene	*	9.90	J	0.14	1.00	ug/L
Q1945-02	GB3W	Water	tert-Butylbenzene	*	3.90	J	0.14	1.00	ug/L
Q1945-02	GB3W	Water	1,2,4-Trimethylbenzene	*	0.52	J	0.14	1.00	ug/L
Q1945-02	GB3W	Water	sec-Butylbenzene	*	11.0	J	0.13	1.00	ug/L
Q1945-02	GB3W	Water	n-Butylbenzene	*	5.30	J	0.15	1.00	ug/L
			Total Tics :		974				
			Total Concentration:		1110				

SAMPLE DATA

Raw Data: **VX046055.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:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046055.D	1		05/06/25 11:52	VX050625

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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	2.80	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	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

Raw Data: **VX046055.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:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046055.D	1		05/06/25 11:52	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.0		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	50.6		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		70 (77) - 130 (121)	98%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	65300	5.544			
540-36-3	1,4-Difluorobenzene	127000	6.757			
3114-55-4	Chlorobenzene-d5	117000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	48100	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB1W	SDG No.:	Q1945
Lab Sample ID:	Q1945-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046055.D	1		05/06/25 11:52	VX050625

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: **VX046056.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:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046056.D	1		05/06/25 12:15	VX050625

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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	13.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.52	J	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	0.42	J	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	9.80		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	56.8		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

Raw Data: **VX046056.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:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046056.D	1		05/06/25 12:15	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	28.0		0.14	1.00	ug/L
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	1.00		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	2.30		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	23.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.3		70 (74) - 130 (125)	105%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	51.2		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	65700	5.55			
540-36-3	1,4-Difluorobenzene	129000	6.757			
3114-55-4	Chlorobenzene-d5	118000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	54800	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	05/02/25
Project:	Amsterdam	Date Received:	05/02/25
Client Sample ID:	GB3W	SDG No.:	Q1945
Lab Sample ID:	Q1945-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046056.D	1		05/06/25 12:15	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	36.7	J		8.97	ug/L
000286-08-8	unknown10.775	39.9	J		10.8	ug/L
103-65-1	n-propylbenzene	30.0	J		11.3	ug/L
95-49-8	2-Chlorotoluene	9.90	J		11.4	ug/L
98-06-6	tert-Butylbenzene	3.90	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.52	J		11.8	ug/L
135-98-8	sec-Butylbenzene	11.0	J		11.9	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	51.4	J		12.2	ug/L
104-51-8	n-Butylbenzene	5.30	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	57.8	J		12.6	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	65.5	J		12.7	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	45.9	J		12.9	ug/L
001560-06-1	Benzene, 2-butenyl-	170	J		13.3	ug/L
056253-64-6	Benzene, (2-methyl-1-butenyl)-	69.2	J		13.7	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	51.0	J		14.2	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	95.6	J		15.5	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	110	J		15.6	ug/L
000575-37-1	Naphthalene, 1,7-dimethyl-	61.6	J		15.6	ug/L
000575-41-7	Naphthalene, 1,3-dimethyl-	58.7	J		15.8	ug/L

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

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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q1945-01	GB1W	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	50.6	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	48.9	98	70 (77)	130 (121)
Q1945-02	GB3W	1,2-Dichloroethane-d4	50	52.3	105	70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101	70 (75)	130 (124)
		Toluene-d8	50	51.2	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	51.3	103	70 (77)	130 (121)
VX0506WBL01	VX0506WBL01	1,2-Dichloroethane-d4	50	53.4	107	70 (74)	130 (125)
		Dibromofluoromethane	50	50.3	101	70 (75)	130 (124)
		Toluene-d8	50	49.6	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.7	99	70 (77)	130 (121)
VX0506WBS01	VX0506WBS01	1,2-Dichloroethane-d4	50	45.4	91	70 (74)	130 (125)
		Dibromofluoromethane	50	45.2	90	70 (75)	130 (124)
		Toluene-d8	50	45.6	91	70 (86)	130 (113)
		4-Bromofluorobenzene	50	44.8	89	70 (77)	130 (121)
VX0506WBSD0	VX0506WBSD01	1,2-Dichloroethane-d4	50	46.2	92	70 (74)	130 (125)
		Dibromofluoromethane	50	47.3	95	70 (75)	130 (124)
		Toluene-d8	50	46.6	93	70 (86)	130 (113)
		4-Bromofluorobenzene	50	45.9	92	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046053.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0506WBS01	Dichlorodifluoromethane	20	20.6	ug/L	103			40 (69)	160 (116)	
	Chloromethane	20	19.1	ug/L	96			40 (65)	160 (116)	
	Vinyl chloride	20	18.6	ug/L	93			70 (65)	130 (117)	
	Bromomethane	20	20.2	ug/L	101			40 (58)	160 (125)	
	Chloroethane	20	20.8	ug/L	104			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.3	ug/L	97			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.1	ug/L	96			70 (80)	130 (112)	
	Tert butyl alcohol	100	97.3	ug/L	97			70 (73)	130 (124)	
	1,1-Dichloroethene	20	18.7	ug/L	94			70 (74)	130 (110)	
	Acetone	100	94.9	ug/L	95			40 (60)	160 (125)	
	Carbon disulfide	20	18.7	ug/L	94			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.0	ug/L	95			70 (78)	130 (114)	
	Methyl Acetate	20	19.1	ug/L	96			70 (67)	130 (125)	
	Methylene Chloride	20	18.1	ug/L	91			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.9	ug/L	95			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.6	ug/L	98			70 (78)	130 (112)	
	Cyclohexane	20	18.9	ug/L	95			70 (75)	130 (110)	
	2-Butanone	100	97.6	ug/L	98			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.1	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			70 (77)	130 (110)	
	Bromochloromethane	20	19.6	ug/L	98			70 (70)	130 (124)	
	Chloroform	20	19.6	ug/L	98			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.5	ug/L	98			70 (80)	130 (108)	
	Methylcyclohexane	20	18.4	ug/L	92			70 (72)	130 (115)	
	Benzene	20	19.5	ug/L	98			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.6	ug/L	98			70 (80)	130 (115)	
	Trichloroethene	20	18.9	ug/L	95			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.9	ug/L	100			70 (83)	130 (111)	
	Bromodichloromethane	20	19.7	ug/L	99			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	99.1	ug/L	99			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.8	ug/L	94			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.3	ug/L	97			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.4	ug/L	97			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	20.1	ug/L	101			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.3	ug/L	97			70 (81)	130 (110)	
	Tetrachloroethene	20	18.5	ug/L	93			70 (67)	130 (123)	
	Chlorobenzene	20	18.9	ug/L	95			70 (82)	130 (109)	
	Ethyl Benzene	20	19.4	ug/L	97			70 (83)	130 (109)	
	m/p-Xylenes	40	39.6	ug/L	99			70 (82)	130 (110)	
	o-Xylene	20	20.1	ug/L	101			70 (83)	130 (109)	
	Styrene	20	19.8	ug/L	99			70 (80)	130 (111)	
	Bromoform	20	18.5	ug/L	93			70 (79)	130 (109)	
	Isopropylbenzene	20	19.6	ug/L	98			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.5	ug/L	98			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	18.9	ug/L	95			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	18.9	ug/L	95			70 (82)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046053.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0506WBS01	1,2-Dichlorobenzene	20	19.3	ug/L	97			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	19.5	ug/L	98			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.2	ug/L	91			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	18.2	ug/L	91			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046054.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0506WBSD01	Dichlorodifluoromethane	20	19.8	ug/L	99	4		40 (69)	160 (116)	20 (20)
	Chloromethane	20	18.6	ug/L	93	3		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	17.6	ug/L	88	6		70 (65)	130 (117)	20 (20)
	Bromomethane	20	18.9	ug/L	95	6		40 (58)	160 (125)	20 (20)
	Chloroethane	20	19.2	ug/L	96	8		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.3	ug/L	97	0		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94	2		70 (80)	130 (112)	20 (20)
	Tert butyl alcohol	100	98.7	ug/L	99	2		70 (73)	130 (124)	20 (20)
	1,1-Dichloroethene	20	18.3	ug/L	92	2		70 (74)	130 (110)	20 (20)
	Acetone	100	95.4	ug/L	95	0		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.9	ug/L	90	4		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	19.2	ug/L	96	1		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	20.1	ug/L	101	5		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	18.4	ug/L	92	1		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	19.2	ug/L	96	2		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	18.5	ug/L	93	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	99.9	ug/L	100	2		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	19.1	ug/L	96	0		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.0	ug/L	95	0		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	19.8	ug/L	99	1		70 (70)	130 (124)	20 (20)
	Chloroform	20	19.1	ug/L	96	2		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.9	ug/L	95	3		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	18.7	ug/L	94	2		70 (72)	130 (115)	20 (20)
	Benzene	20	19.5	ug/L	98	0		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	20.2	ug/L	101	3		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.1	ug/L	96	1		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	19.0	ug/L	95	5		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	20.0	ug/L	100	1		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	100	ug/L	100	1		40 (74)	160 (118)	20 (20)
	Toluene	20	19.8	ug/L	99	1		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	19.9	ug/L	100	6		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	19.8	ug/L	99	2		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	20.7	ug/L	104	7		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	19.9	ug/L	100	1		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.7	ug/L	104	7		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.4	ug/L	92	1		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	19.0	ug/L	95	0		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	19.2	ug/L	96	1		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	39.1	ug/L	98	1		70 (82)	130 (110)	20 (20)
	o-Xylene	20	19.6	ug/L	98	3		70 (83)	130 (109)	20 (20)
	Styrene	20	20.0	ug/L	100	1		70 (80)	130 (111)	20 (20)
	Bromoform	20	19.4	ug/L	97	4		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.6	ug/L	98	0		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	19.9	ug/L	100	2		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	19.1	ug/L	96	1		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	19.1	ug/L	96	1		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.: Q1945

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VX046054.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0506WBSD01	1,2-Dichlorobenzene	20	19.8	ug/L	99	2		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	20.4	ug/L	102	4		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.7	ug/L	94	3		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	18.7	ug/L	94	3		70 (76)	130 (114)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0506WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: VX046052.D Lab Sample ID: VX0506WBL01

Date Analyzed: 05/06/2025 Time Analyzed: 10:39

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
VX0506WBS01	VX0506WBS01	VX046053.D	05/06/2025
VX0506WBSD01	VX0506WBSD01	VX046054.D	05/06/2025
GB1W	Q1945-01	VX046055.D	05/06/2025
GB3W	Q1945-02	VX046056.D	05/06/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

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.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: VX046049.D BFB Injection Date: 05/06/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:07

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	22.7
75	30.0 - 60.0% of mass 95	58.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	67.6
175	5.0 - 9.0% of mass 174	4.7 (6.9) 1
176	95.0 - 101.0% of mass 174	67.5 (99.9) 1
177	5.0 - 9.0% of mass 176	4.3 (6.3) 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	VX046050.D	05/06/2025	09:48
VX0506WBL01	VX0506WBL01	VX046052.D	05/06/2025	10:39
VX0506WBS01	VX0506WBS01	VX046053.D	05/06/2025	11:02
VX0506WBSD01	VX0506WBSD01	VX046054.D	05/06/2025	11:29
GB1W	Q1945-01	VX046055.D	05/06/2025	11:52
GB3W	Q1945-02	VX046056.D	05/06/2025	12:15

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: VX046050.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_X Time Analyzed: 09:48

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	102261	5.54	171901	6.75	149362	10.05
UPPER LIMIT	204522	6.037	343802	7.251	298724	10.549
LOWER LIMIT	51130.5	5.037	85950.5	6.251	74681	9.549
EPA SAMPLE NO.						
GB1W	65315	5.54	126773	6.76	116564	10.05
GB3W	65682	5.55	129171	6.76	117957	10.05
VX0506WBL01	68197	5.54	136434	6.76	126551	10.05
VX0506WBS01	94779	5.54	165135	6.76	143077	10.05
VX0506WBSD01	95217	5.54	162321	6.76	142687	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.: Q1945 SAS No.: Q1945 SDG NO.: Q1945

Lab File ID: VX046050.D Date Analyzed: 05/06/2025

Instrument ID: MSVOA_X Time Analyzed: 09:48

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

	IS4 AREA #	RT #				
12 HOUR STD	71104	12.018				
UPPER LIMIT	142208	12.518				
LOWER LIMIT	35552	11.518				
EPA SAMPLE NO.						
GB1W	48139	12.02				
GB3W	54778	12.02				
VX0506WBL01	54743	12.02				
VX0506WBS01	67454	12.02				
VX0506WBSD01	67703	12.02				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBL01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046052.D	1		05/06/25 10:39	VX050625

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
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBL01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046052.D	1		05/06/25 10:39	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.3		70 (75) - 130 (124)	101%	SPK: 50
2037-26-5	Toluene-d8	49.6		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68200	5.544			
540-36-3	1,4-Difluorobenzene	136000	6.757			
3114-55-4	Chlorobenzene-d5	127000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	54700	12.018			

Raw Data: **VX046052.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBL01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046052.D	1		05/06/25 10:39	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBS01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046053.D	1		05/06/25 11:02	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.6		0.22	1.00	ug/L
74-87-3	Chloromethane	19.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.6		0.26	1.00	ug/L
74-83-9	Bromomethane	20.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.3		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.1		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	97.3		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.7		0.23	1.00	ug/L
67-64-1	Acetone	94.9		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.7		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.0		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.9		1.50	5.00	ug/L
78-93-3	2-Butanone	97.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.6		0.22	1.00	ug/L
67-66-3	Chloroform	19.6		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.5		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.4		0.16	1.00	ug/L
71-43-2	Benzene	19.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	99.1		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBS01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046053.D	1		05/06/25 11:02	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	18.8		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.3		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.4		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.6		0.24	2.00	ug/L
95-47-6	o-Xylene	20.1		0.12	1.00	ug/L
100-42-5	Styrene	19.8		0.15	1.00	ug/L
75-25-2	Bromoform	18.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.9		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.3		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.5		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.2		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.2		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.4		70 (74) - 130 (125)	91%	SPK: 50
1868-53-7	Dibromofluoromethane	45.2		70 (75) - 130 (124)	90%	SPK: 50
2037-26-5	Toluene-d8	45.6		70 (86) - 130 (113)	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.7		70 (77) - 130 (121)	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94800	5.544			
540-36-3	1,4-Difluorobenzene	165000	6.757			
3114-55-4	Chlorobenzene-d5	143000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	67500	12.018			

Raw Data: **VX046053.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBS01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046053.D	1		05/06/25 11:02	VX050625

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: **VX046054.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBSD01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046054.D	1		05/06/25 11:29	VX050625

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	18.6		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	17.6		0.26	1.00	ug/L
74-83-9	Bromomethane	18.9		1.40	5.00	ug/L
75-00-3	Chloroethane	19.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.3		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	98.7		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	18.3		0.23	1.00	ug/L
67-64-1	Acetone	95.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.9		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.4		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	19.2		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.5		1.50	5.00	ug/L
78-93-3	2-Butanone	99.9		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	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.9		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.7		0.16	1.00	ug/L
71-43-2	Benzene	19.5		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.2		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.0		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBSD01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046054.D	1		05/06/25 11:29	VX050625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.8		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.9		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.4		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.2		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.1		0.24	2.00	ug/L
95-47-6	o-Xylene	19.6		0.12	1.00	ug/L
100-42-5	Styrene	20.0		0.15	1.00	ug/L
75-25-2	Bromoform	19.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.9		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.1		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.1		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.8		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.2		70 (74) - 130 (125)	92%	SPK: 50
1868-53-7	Dibromofluoromethane	47.3		70 (75) - 130 (124)	95%	SPK: 50
2037-26-5	Toluene-d8	46.6		70 (86) - 130 (113)	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9		70 (77) - 130 (121)	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	95200	5.544			
540-36-3	1,4-Difluorobenzene	162000	6.757			
3114-55-4	Chlorobenzene-d5	143000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	67700	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Amsterdam	Date Received:	
Client Sample ID:	VX0506WBSD01	SDG No.:	Q1945
Lab Sample ID:	VX0506WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046054.D	1		05/06/25 11:29	VX050625

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.: Q1945 SAS No.: Q1945 SDG No.: Q1945

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
Tert butyl alcohol	0.122	0.129	0.144	0.146	0.114		0.131	10.4
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

* 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.: Q1945 SAS No.: Q1945 SDG No.: Q1945

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
Toluene	0.884	0.898	0.885	0.904	0.838	0.803	0.869	4.5
t-1,3-Dichloropropene	0.468	0.528	0.555	0.591	0.406	0.371	0.487	17.9
cis-1,3-Dichloropropene	0.531	0.578	0.602	0.623	0.469	0.423	0.538	14.6
1,1,2-Trichloroethane	0.349	0.354	0.351	0.356	0.337	0.308	0.343	5.3
2-Hexanone	0.466	0.473	0.477	0.473	0.414	0.385	0.448	8.7
Dibromochloromethane	0.378	0.400	0.415	0.431	0.326	0.306	0.376	13.3
1,2-Dibromoethane	0.359	0.373	0.368	0.381	0.333	0.322	0.356	6.5
Tetrachloroethene	0.390	0.375	0.345	0.344	0.323	0.347	0.354	6.8
Chlorobenzene	1.093	1.098	1.085	1.114	1.046	1.131	1.094	2.7
Ethyl Benzene	1.919	2.022	1.979	2.036	1.816	1.803	1.929	5.2
m/p-Xylenes	0.706	0.740	0.721	0.740	0.678	0.648	0.706	5.2
o-Xylene	0.688	0.727	0.706	0.726	0.639	0.642	0.688	5.7
Styrene	1.135	1.219	1.214	1.230	1.012	0.951	1.127	10.6
Bromoform	0.270	0.304	0.312	0.327	0.236	0.234	0.281	14.2
Isopropylbenzene	3.843	4.130	3.876	4.156	3.562	3.789	3.893	5.7
1,1,2,2-Tetrachloroethane	1.315	1.338	1.284	1.345	1.350	1.552	1.364	7
1,3-Dichlorobenzene	1.633	1.701	1.656	1.730	1.558	1.619	1.649	3.7
1,4-Dichlorobenzene	1.629	1.693	1.639	1.722	1.606	1.817	1.684	4.6
1,2-Dichlorobenzene	1.613	1.696	1.634	1.702	1.577	1.710	1.655	3.3
1,2-Dibromo-3-Chloropropane	0.299	0.322	0.329	0.356	0.248	0.259	0.302	13.9
1,2,4-Trichlorobenzene	0.861	0.981	1.035	1.123	0.842	0.862	0.951	12
1,2,3-Trichlorobenzene	0.921	1.019	1.051	1.107	0.846	0.941	0.981	9.7
1,2-Dichloroethane-d4	0.953	0.910	0.930	0.932	0.935		0.932	1.6
Dibromofluoromethane	0.359	0.355	0.364	0.368	0.354		0.360	1.7
Toluene-d8	1.246	1.223	1.266	1.275	1.221		1.246	2
4-Bromofluorobenzene	0.455	0.470	0.500	0.500	0.464		0.478	4.4

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: MSVOA_X Calibration Date/Time: 05/06/2025 09:48

Lab File ID: VX046050.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	0.859		12.29	20
Chloromethane	0.742	0.774	0.1	4.31	20
Vinyl Chloride	0.691	0.694		0.43	20
Bromomethane	0.320	0.325		1.56	20
Chloroethane	0.369	0.367		-0.54	20
Trichlorofluoromethane	1.021	1.063		4.11	20
1,1,2-Trichlorotrifluoroethane	0.632	0.632		0	20
Tert butyl alcohol	0.131	0.124		-5.34	20
1,1-Dichloroethene	0.593	0.583		-1.69	20
Acetone	0.374	0.399		6.68	20
Carbon Disulfide	1.406	1.452		3.27	20
Methyl tert-butyl Ether	2.079	2.056		-1.11	20
Methyl Acetate	0.867	0.818		-5.65	20
Methylene Chloride	0.716	0.666		-6.98	20
trans-1,2-Dichloroethene	0.596	0.589		-1.17	20
1,1-Dichloroethane	1.219	1.186	0.1	-2.71	20
Cyclohexane	1.111	1.091		-1.8	20
2-Butanone	0.543	0.539		-0.74	20
Carbon Tetrachloride	0.544	0.559		2.76	20
cis-1,2-Dichloroethene	0.718	0.702		-2.23	20
Bromochloromethane	0.587	0.588		0.17	20
Chloroform	1.271	1.237		-2.67	20
1,1,1-Trichloroethane	1.101	1.109		0.73	20
Methylcyclohexane	0.623	0.642		3.05	20
Benzene	1.417	1.437		1.41	20
1,2-Dichloroethane	0.612	0.606		-0.98	20
Trichloroethene	0.341	0.345		1.17	20
1,2-Dichloropropane	0.352	0.364		3.41	20
Bromodichloromethane	0.547	0.569		4.02	20
4-Methyl-2-Pentanone	0.605	0.611		0.99	20
Toluene	0.869	0.871		0.23	20
t-1,3-Dichloropropene	0.487	0.522		7.19	20
cis-1,3-Dichloropropene	0.538	0.577		7.25	20
1,1,2-Trichloroethane	0.343	0.341		-0.58	20
2-Hexanone	0.448	0.456		1.79	20
Dibromochloromethane	0.376	0.401		6.65	20
1,2-Dibromoethane	0.356	0.358		0.56	20
Tetrachloroethene	0.354	0.347		-1.98	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.: Q1945 SAS No.: Q1945 SDG No.: Q1945

Instrument ID: MSVOA_X Calibration Date/Time: 05/06/2025 09:48

Lab File ID: VX046050.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
Chlorobenzene	1.094	1.081	0.3	-1.19	20
Ethyl Benzene	1.929	1.984		2.85	20
m/p-Xylenes	0.706	0.723		2.41	20
o-Xylene	0.688	0.699		1.6	20
Styrene	1.127	1.202		6.66	20
Bromoform	0.281	0.298	0.1	6.05	20
Isopropylbenzene	3.893	4.004		2.85	20
1,1,2,2-Tetrachloroethane	1.364	1.284	0.3	-5.86	20
1,3-Dichlorobenzene	1.649	1.684		2.12	20
1,4-Dichlorobenzene	1.684	1.660		-1.42	20
1,2-Dichlorobenzene	1.655	1.664		0.54	20
1,2-Dibromo-3-Chloropropane	0.302	0.304		0.66	20
1,2,4-Trichlorobenzene	0.951	0.988		3.89	20
1,2,3-Trichlorobenzene	0.981	0.982		0.1	20
1,2-Dichloroethane-d4	0.932	0.875		-6.12	20
Dibromofluoromethane	0.360	0.358		-0.56	20
Toluene-d8	1.246	1.235		-0.88	20
4-Bromofluorobenzene	0.478	0.474		-0.84	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\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Quant Time: May 07 01:45:30 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

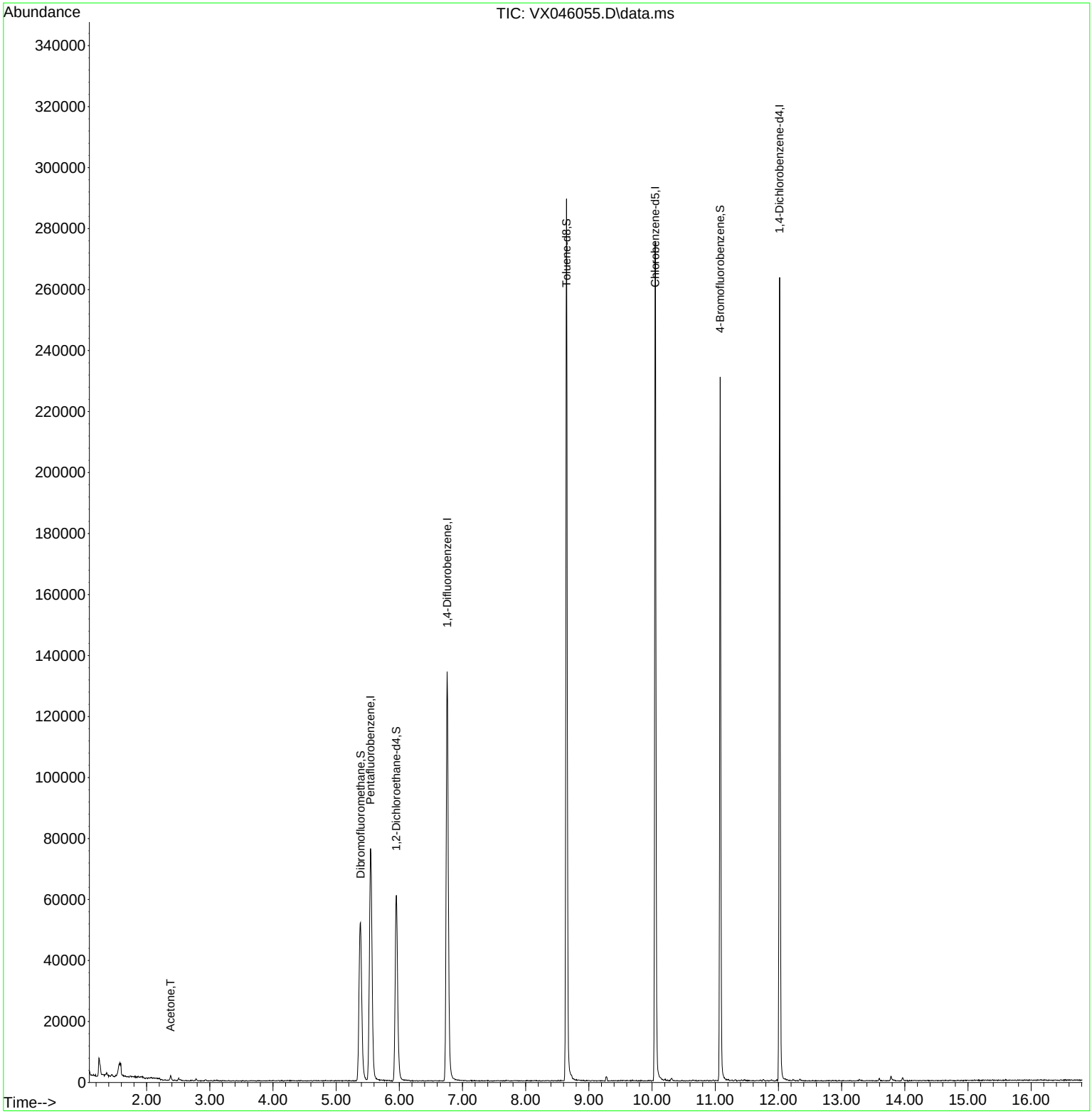
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	65315	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	126773	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63334	52.012	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.020%			
35) Dibromofluoromethane	5.385	113	45739	50.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.200%			
50) Toluene-d8	8.647	98	159965	50.627	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.260%			
62) 4-Bromofluorobenzene	11.079	95	59254	48.889	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 97.780%			
Target Compounds						Qvalue
16) Acetone	2.379	43	1370	2.806	ug/l #	83

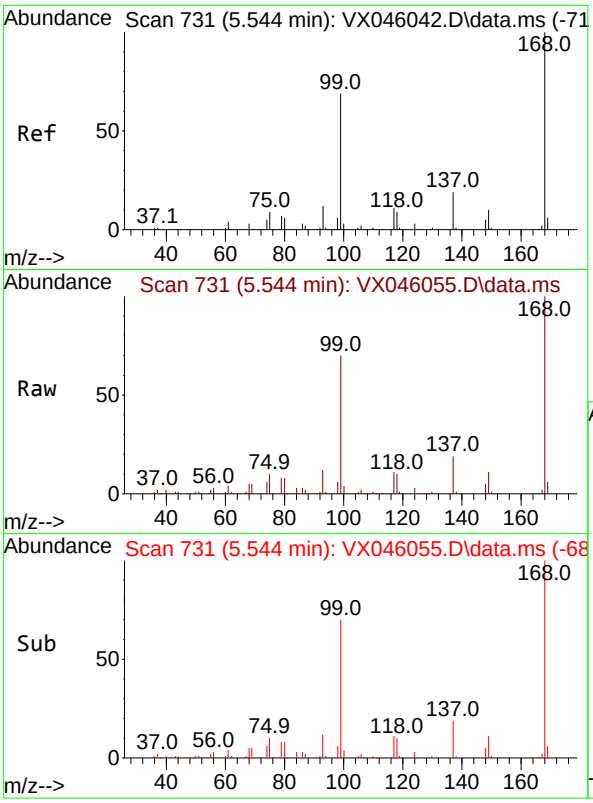
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Quant Time: May 07 01:45:30 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



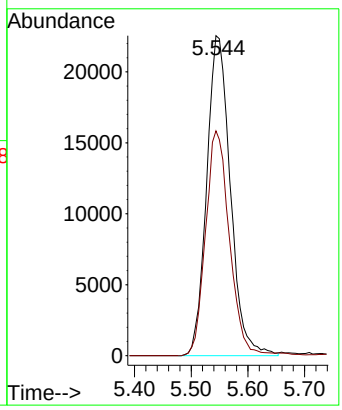


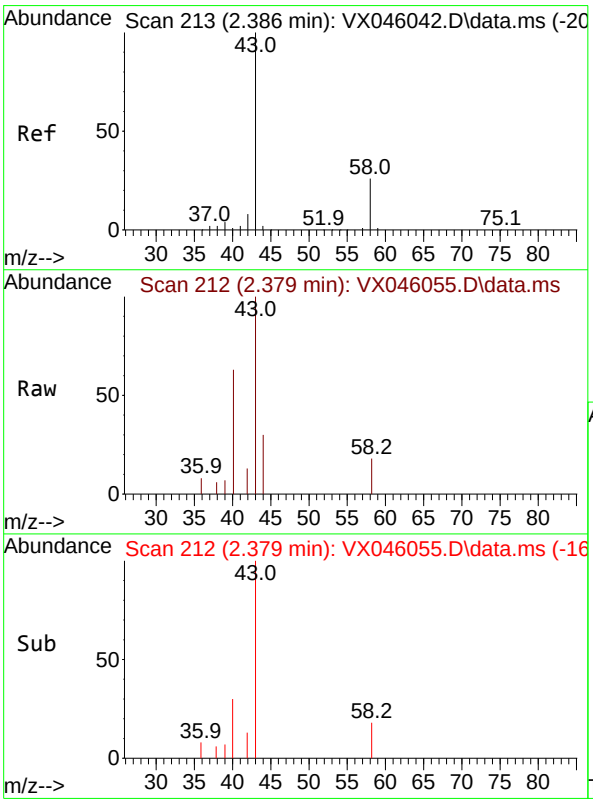
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion:168 Resp: 65315

Ion	Ratio	Lower	Upper
168	100		
99	70.3	54.9	82.3

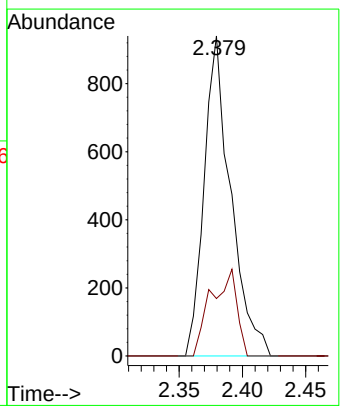


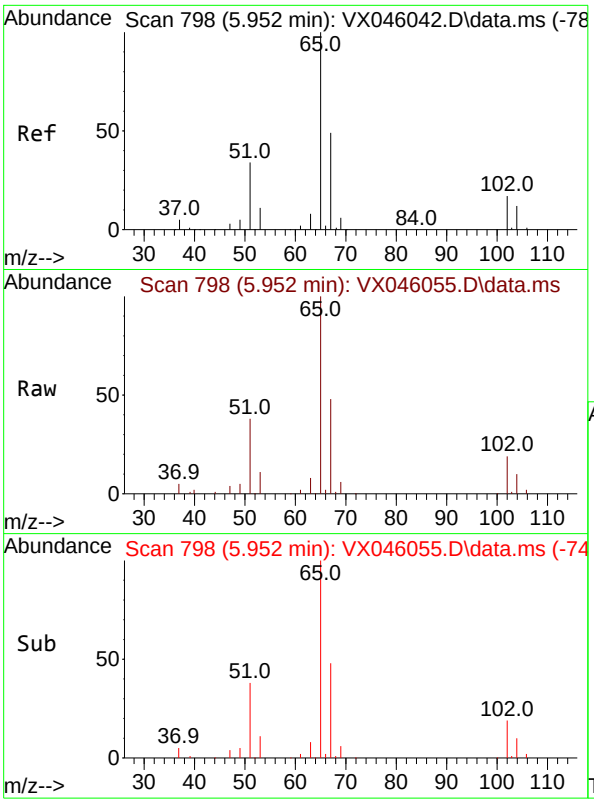


#16
Acetone
Concen: 2.806 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 43 Resp: 1370

Ion	Ratio	Lower	Upper
43	100		
58	18.0	21.2	31.8#



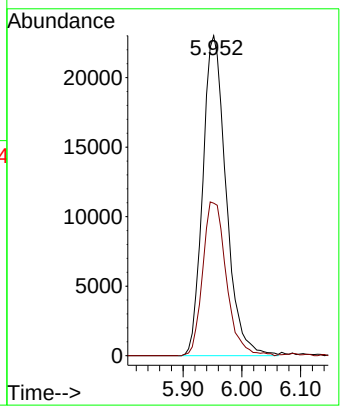


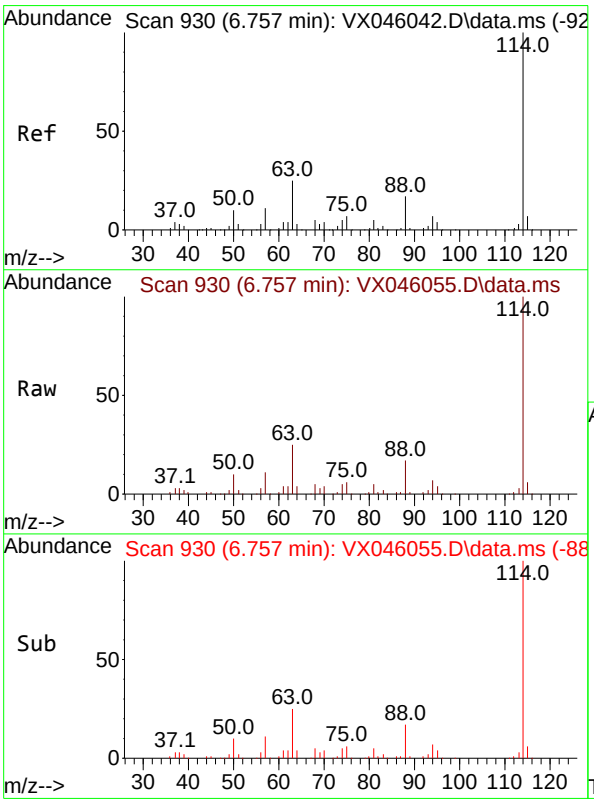
#33
1,2-Dichloroethane-d4
Concen: 52.012 ug/l
RT: 5.952 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion: 65 Resp: 63334

Ion	Ratio	Lower	Upper
65	100		
67	48.7	0.0	99.0

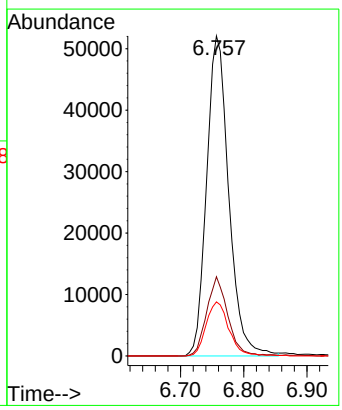


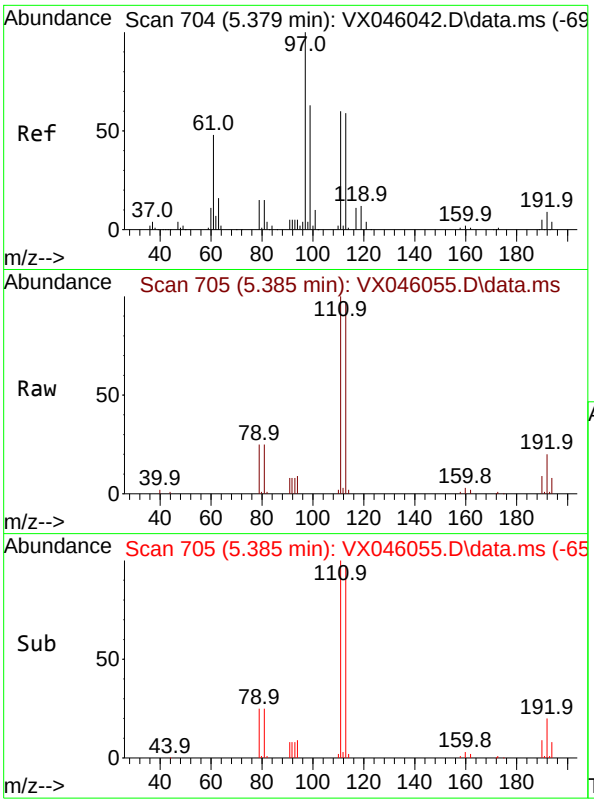


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion:114 Resp: 126773

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	16.9	0.0	33.6



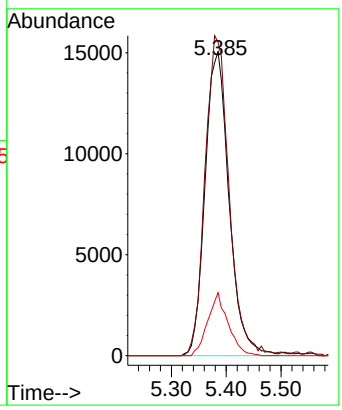


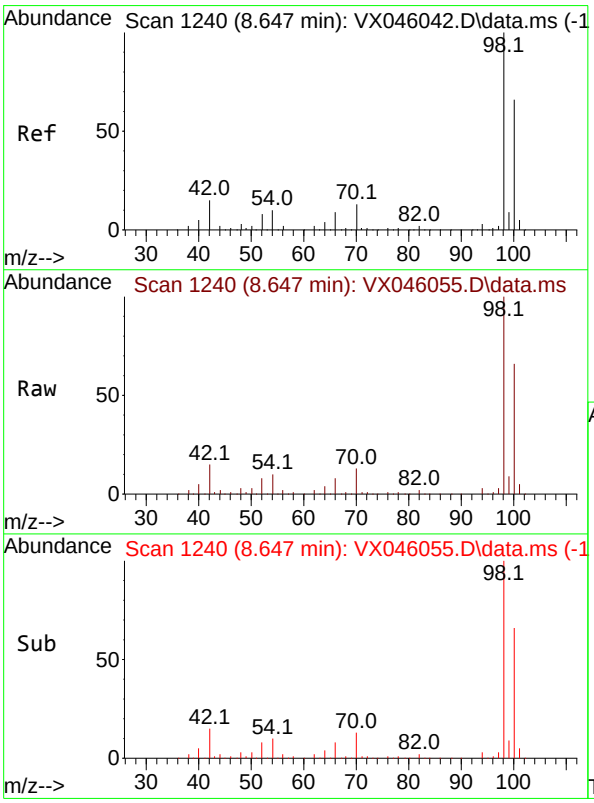
#35
Dibromofluoromethane
Concen: 50.103 ug/l
RT: 5.385 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion:113 Resp: 45739

Ion	Ratio	Lower	Upper
113	100		
111	105.2	83.1	124.7
192	17.6	13.3	19.9

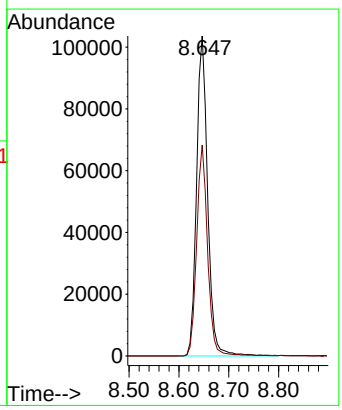


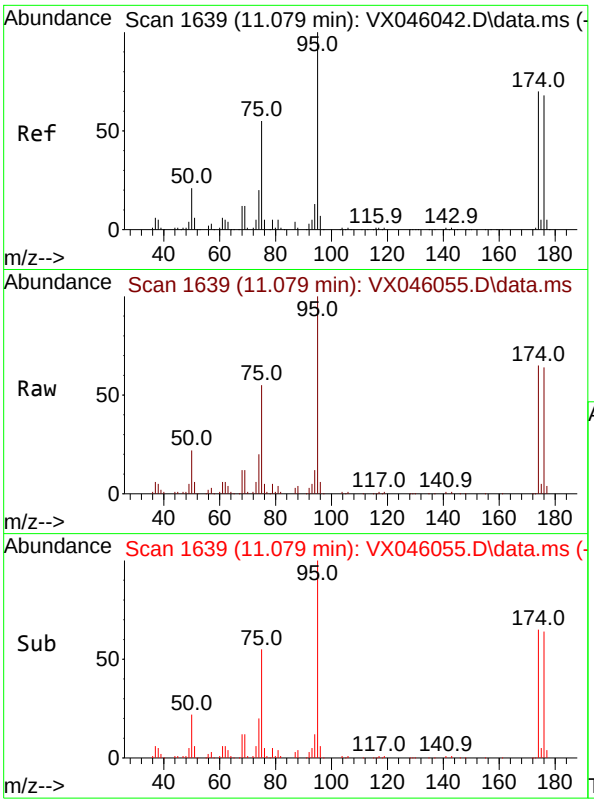


#50
Toluene-d8
Concen: 50.627 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion: 98 Resp: 159965

Ion	Ratio	Lower	Upper
98	100		
100	65.1	53.5	80.3



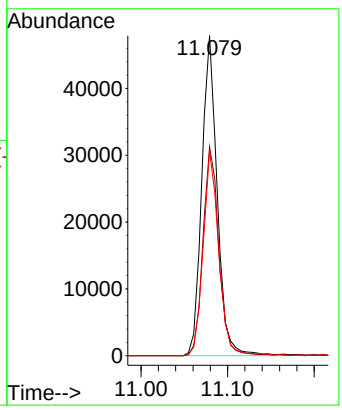


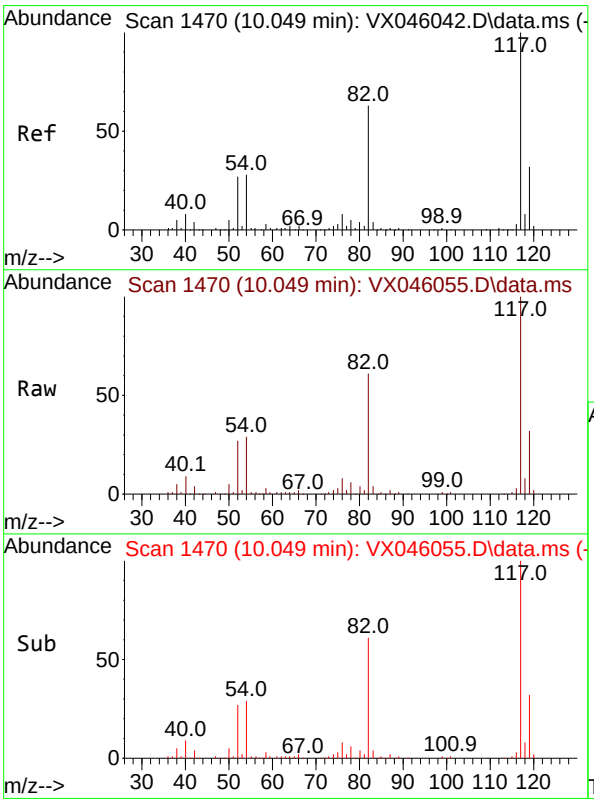
#62
4-Bromofluorobenzene
Concen: 48.889 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion: 95 Resp: 59254

Ion	Ratio	Lower	Upper
95	100		
174	67.7	0.0	135.8
176	64.8	0.0	131.4

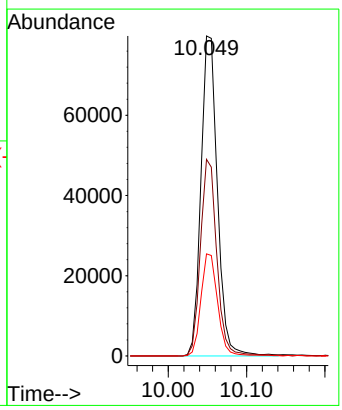


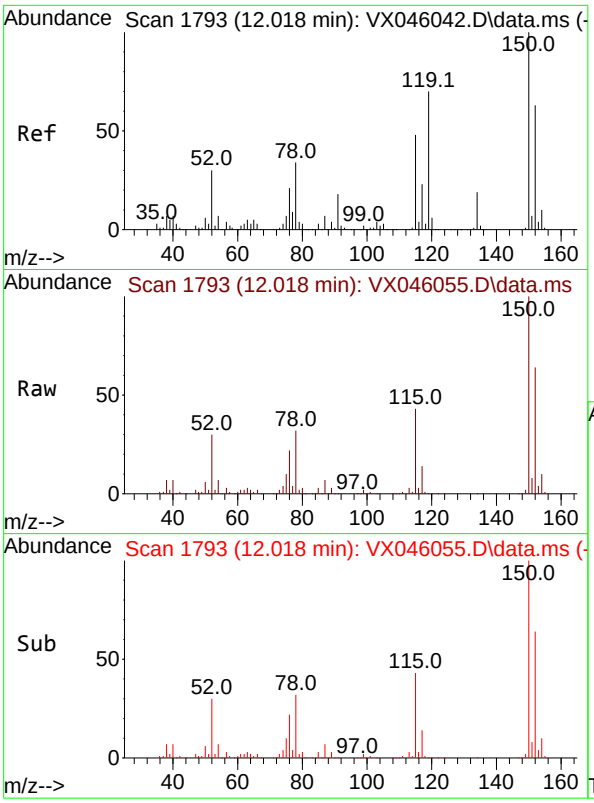


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Tgt Ion:117 Resp: 116564

Ion	Ratio	Lower	Upper
117	100		
82	61.4	50.6	76.0
119	31.9	25.8	38.6



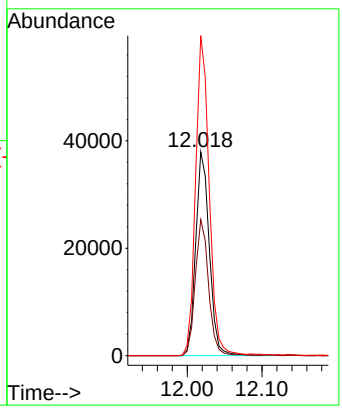


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046055.D
Acq: 06 May 2025 11:52

Instrument :
MSVOA_X
ClientSampleId :
GB1W

Tgt Ion:152 Resp: 48139

Ion	Ratio	Lower	Upper
152	100		
115	65.3	46.9	140.7
150	156.0	0.0	351.0



Sample Results: **VX046055.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

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: VX046055.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.246	22	26	33	rBV2	5913	10964	2.46%	0.466%
2	1.575	71	80	81	rBV2	4288	8805	1.97%	0.375%
3	5.385	693	705	720	rBV	52000	158404	35.52%	6.739%
4	5.544	722	731	746	rVV	75812	215855	48.40%	9.183%
5	5.952	788	798	816	rBV	61032	166904	37.42%	7.100%
6	6.757	922	930	951	rBV	134096	322621	72.34%	13.725%
7	8.647	1234	1240	1252	rBV	289150	445992	100.00%	18.973%
8	10.049	1465	1470	1488	rBV	274910	400657	89.84%	17.044%
9	11.079	1634	1639	1654	rBV	230687	291009	65.25%	12.380%
10	12.018	1788	1793	1805	rBV	263509	329469	73.87%	14.016%

Sum of corrected areas: 2350680

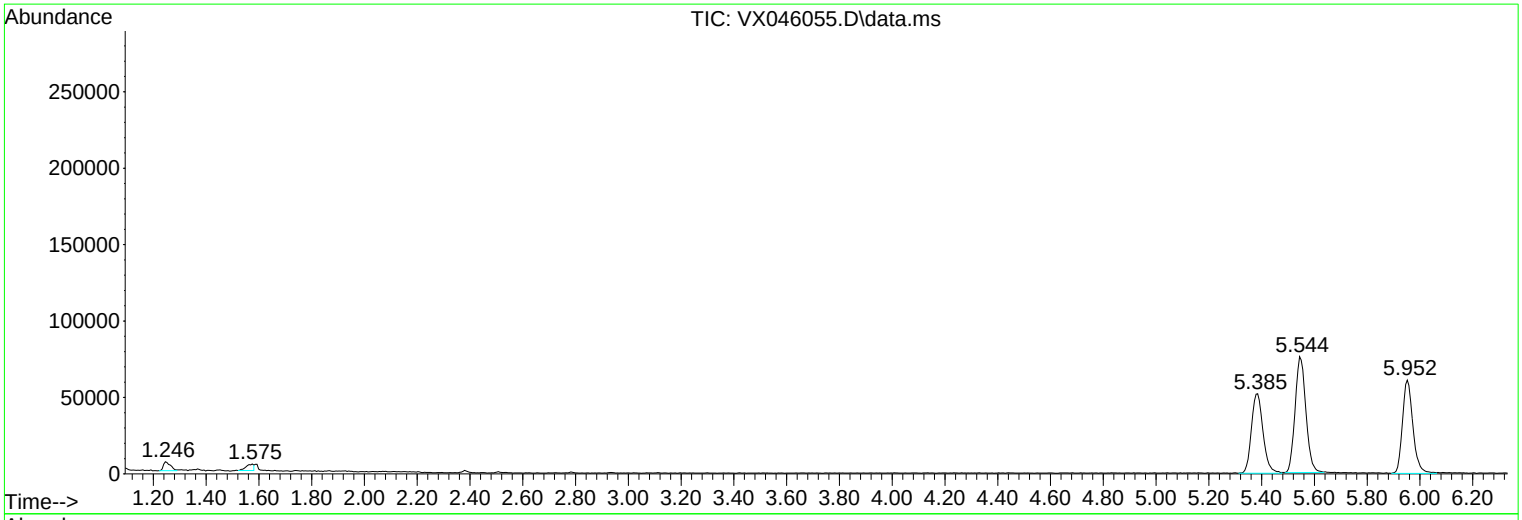
Sample Results: **VX046055.D**

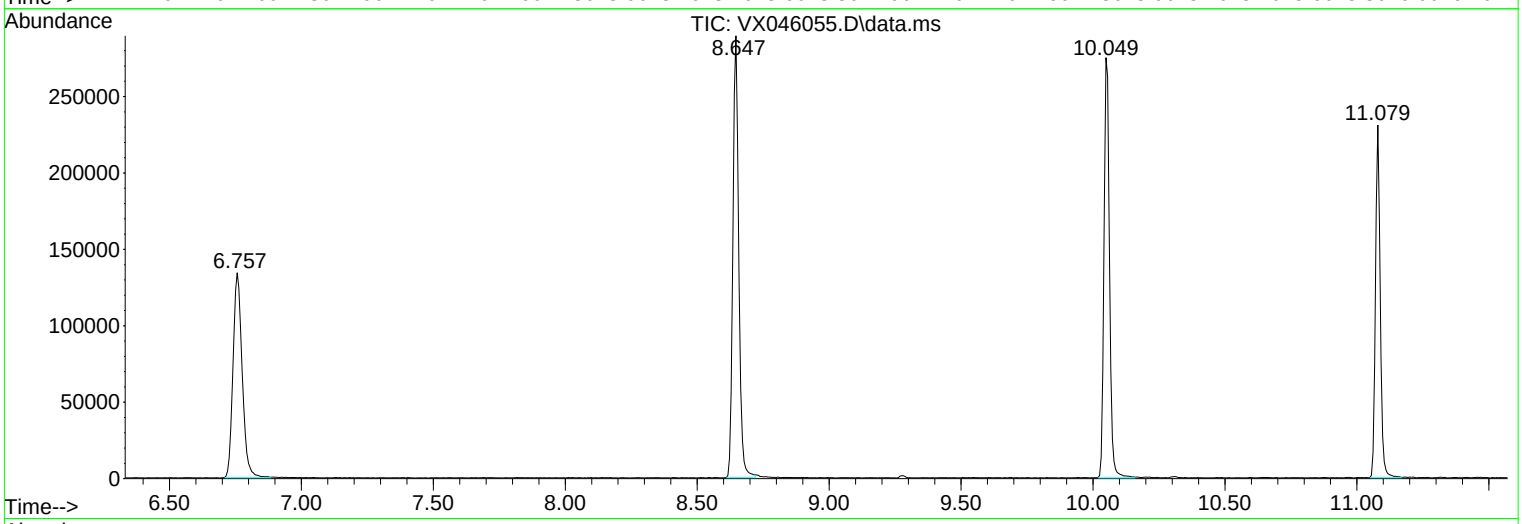
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

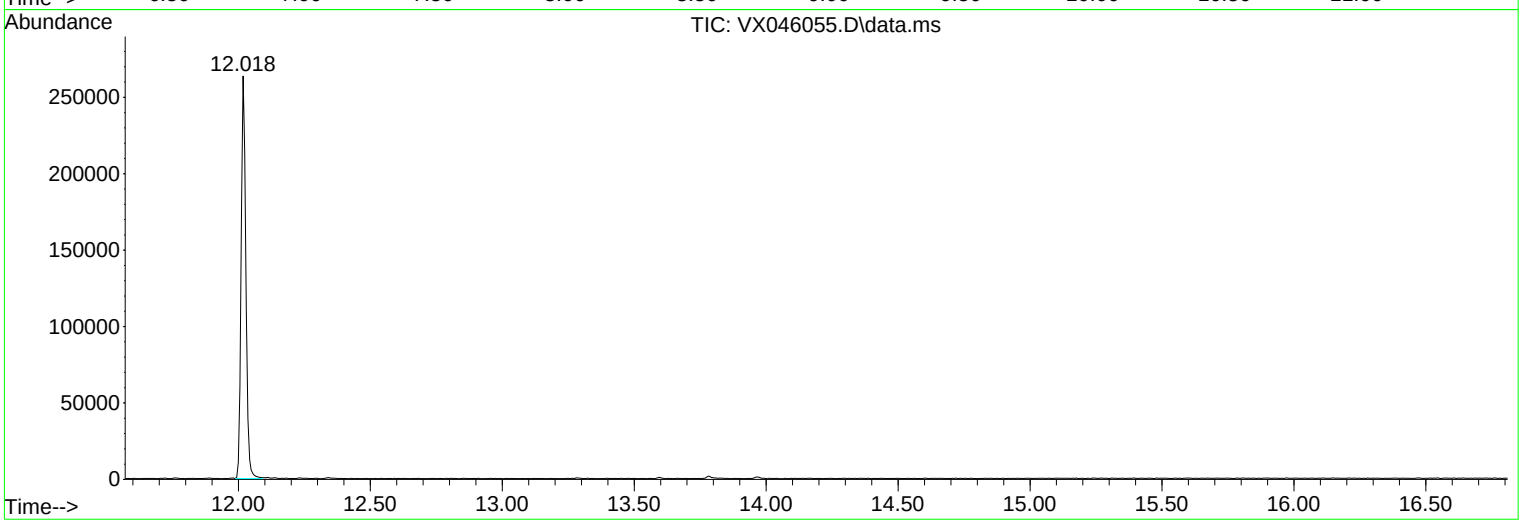
Instrument :
MSVOA_X
ClientSampleId :
GB1W

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: **VX046055.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

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\VX050625\
Data File : VX046055.D
Acq On : 06 May 2025 11:52
Operator : JC/MD
Sample : Q1945-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB1W

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\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Time: May 07 01:45:41 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

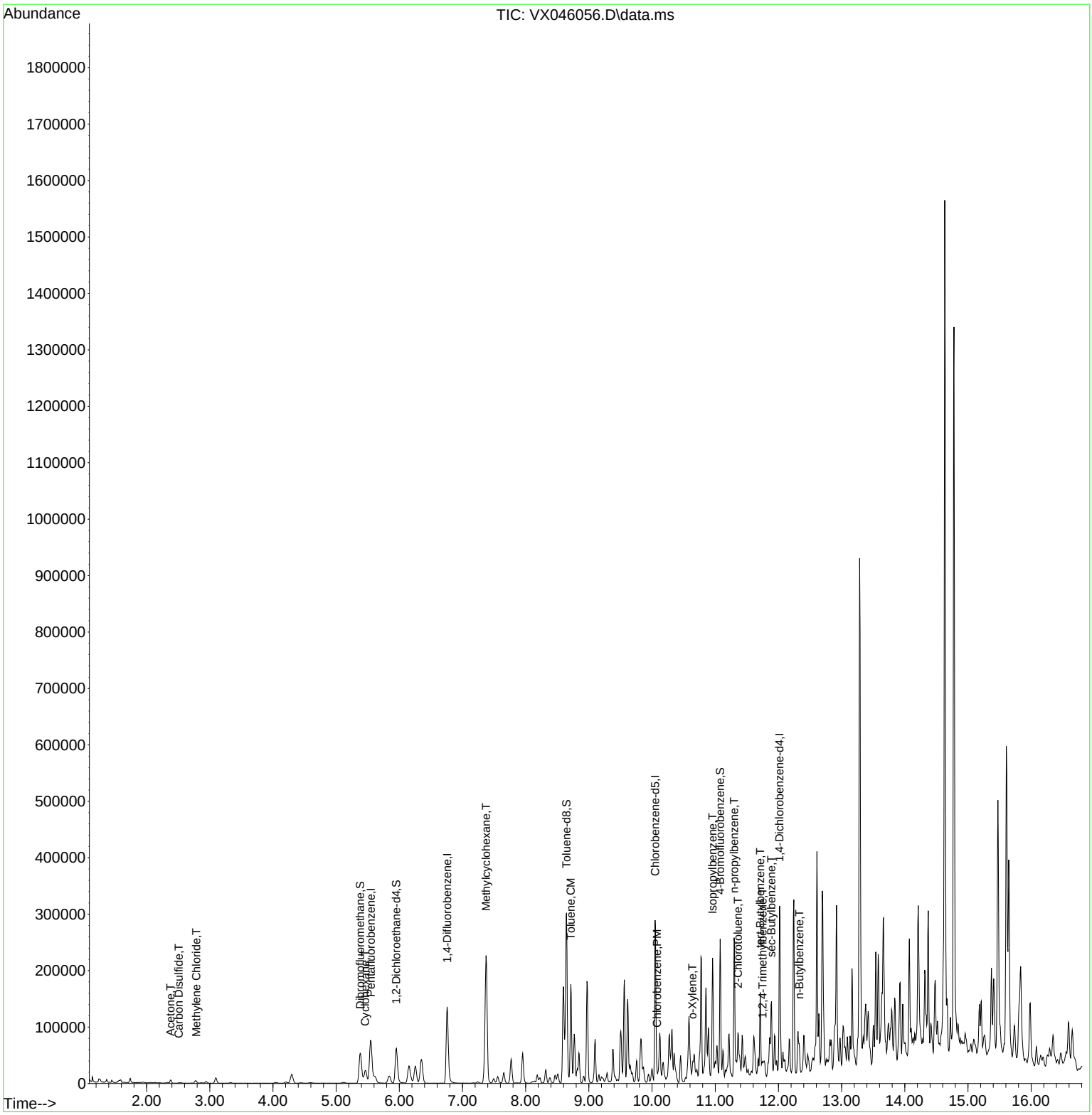
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.550	168	65682	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.757	114	129171	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.049	117	117957	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54778	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.952	65	63984	52.252	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.500%				
35) Dibromofluoromethane	5.379	113	46789	50.302	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%				
50) Toluene-d8	8.647	98	164713	51.162	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%				
62) 4-Bromofluorobenzene	11.079	95	63406	51.344	ug/l		0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.680%				
Target Compounds							Qvalue
16) Acetone	2.380	43	6573	13.388	ug/l		97
17) Carbon Disulfide	2.508	76	950	0.515	ug/l		99
20) Methylene Chloride	2.788	84	397	0.422	ug/l	#	75
31) Cyclohexane	5.458	56	14312	9.807	ug/l		93
39) Methylcyclohexane	7.373	83	91344	56.771	ug/l		95
52) Toluene	8.714	92	62889	28.017	ug/l		97
65) Chlorobenzene	10.080	112	2654	1.028	ug/l		97
69) o-Xylene	10.640	106	3691	2.275	ug/l		93
73) Isopropylbenzene	10.957	105	99366	23.300	ug/l		100
78) n-propylbenzene	11.299	91	148647	29.977	ug/l		100
79) 2-Chlorotoluene	11.360	91	31633	9.890	ug/l		96
83) tert-Butylbenzene	11.713	119	14133	3.938	ug/l		90
84) 1,2,4-Trimethylbenzene	11.750	105	1888	0.523	ug/l		92
85) sec-Butylbenzene	11.890	105	48543	11.017	ug/l	#	77
89) n-Butylbenzene	12.329	91	17031	5.338	ug/l		92

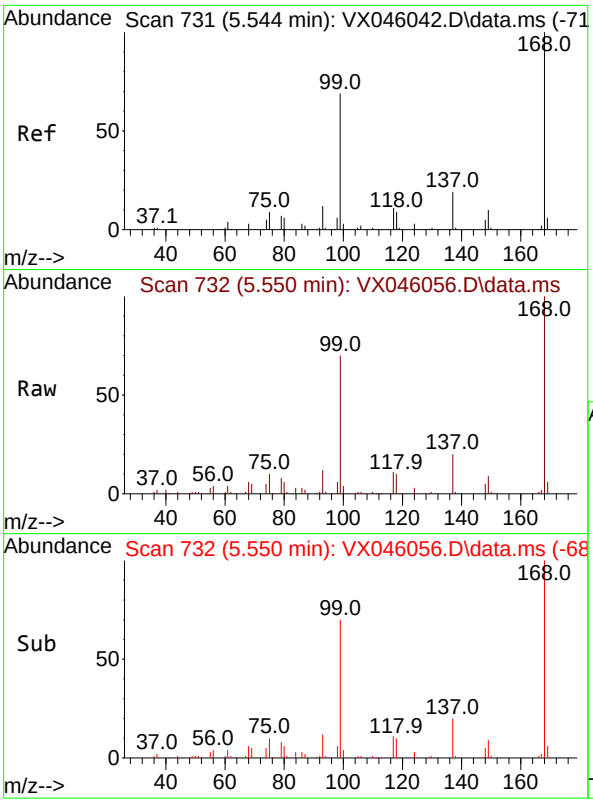
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Quant Time: May 07 01:45:41 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



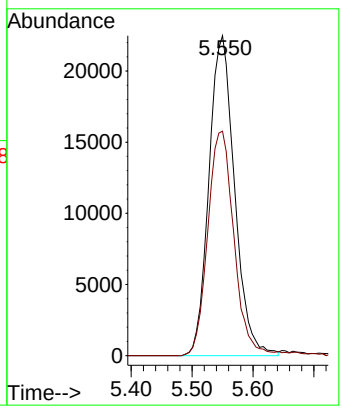


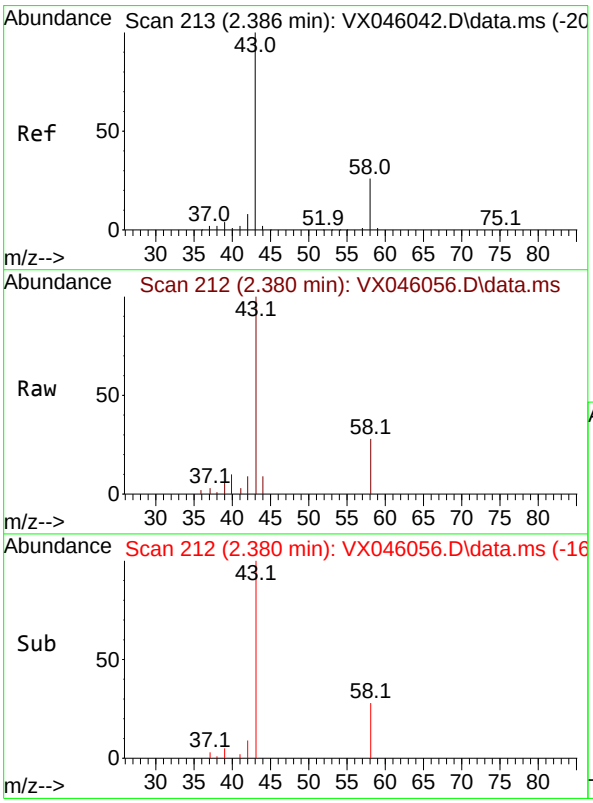
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 7
Delta R.T. 0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:168 Resp: 65682

Ion	Ratio	Lower	Upper
168	100		
99	70.2	54.9	82.3

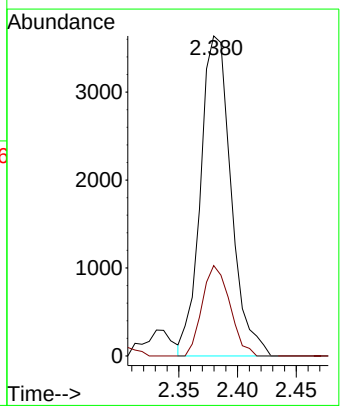


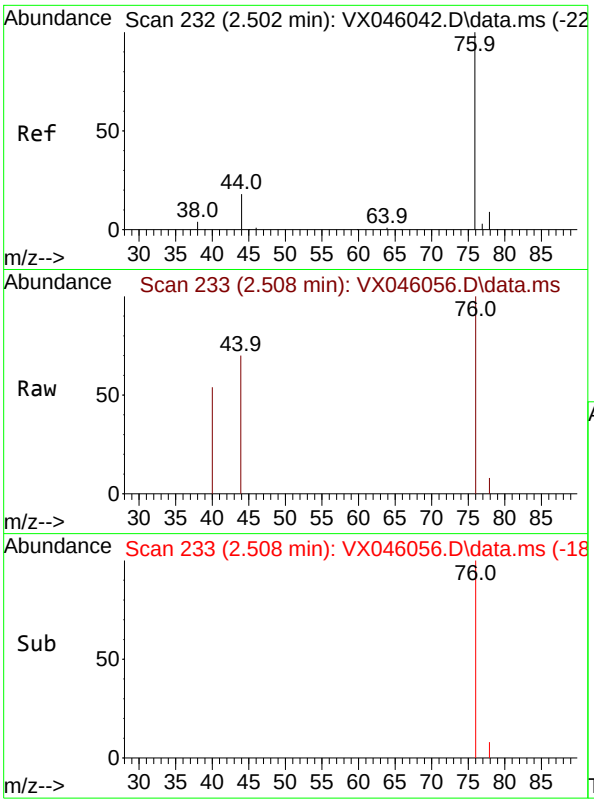


#16
Acetone
Concen: 13.388 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 43 Resp: 6573

Ion	Ratio	Lower	Upper
43	100		
58	28.3	21.2	31.8



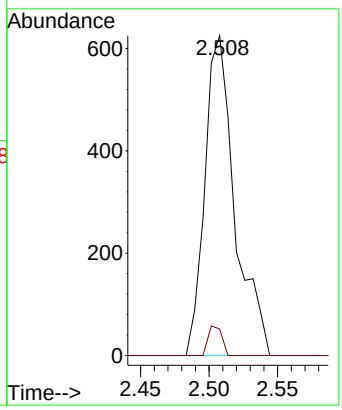


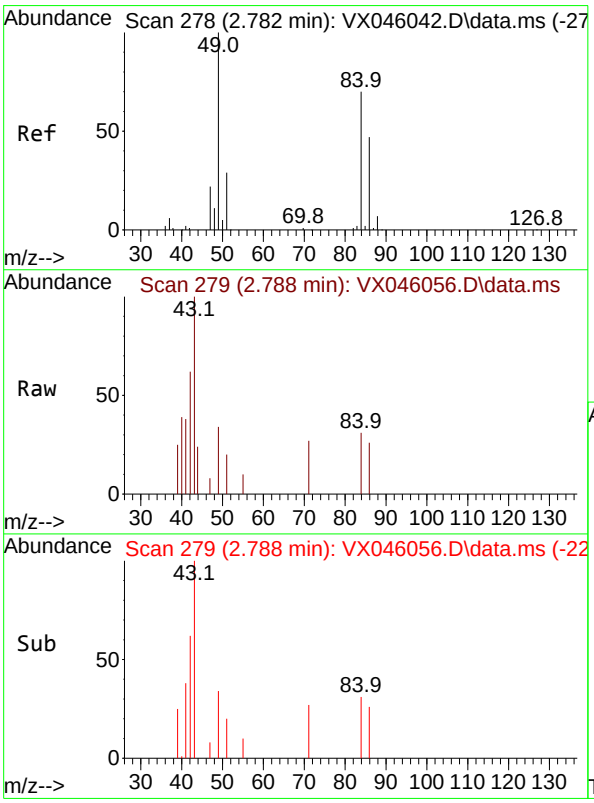
#17
Carbon Disulfide
Concen: 0.515 ug/l
RT: 2.508 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 76 Resp: 950

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.0	10.4

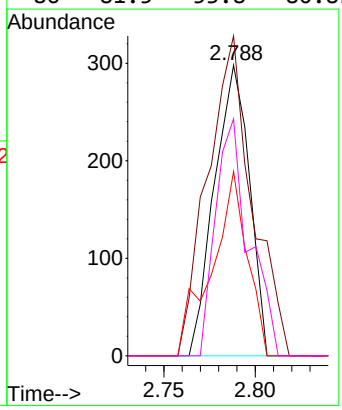


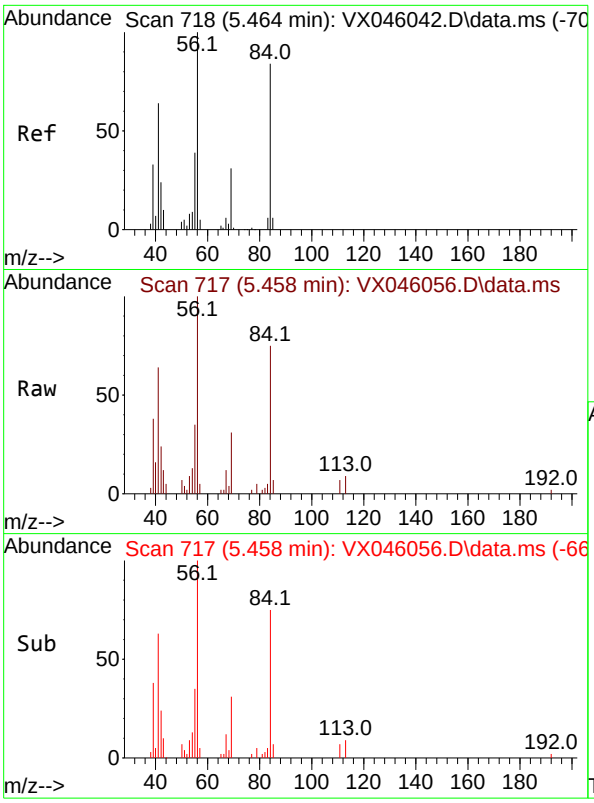


#20
Methylene Chloride
Concen: 0.422 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 84 Resp: 397

Ion	Ratio	Lower	Upper
84	100		
49	110.1	113.9	170.9#
51	63.4	33.5	50.3#
86	81.5	53.8	80.8#



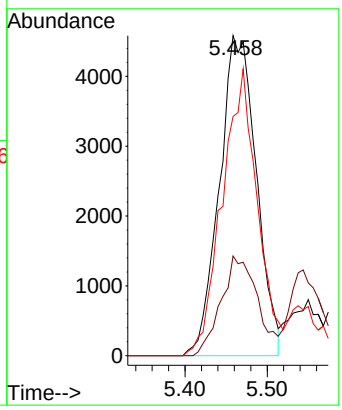


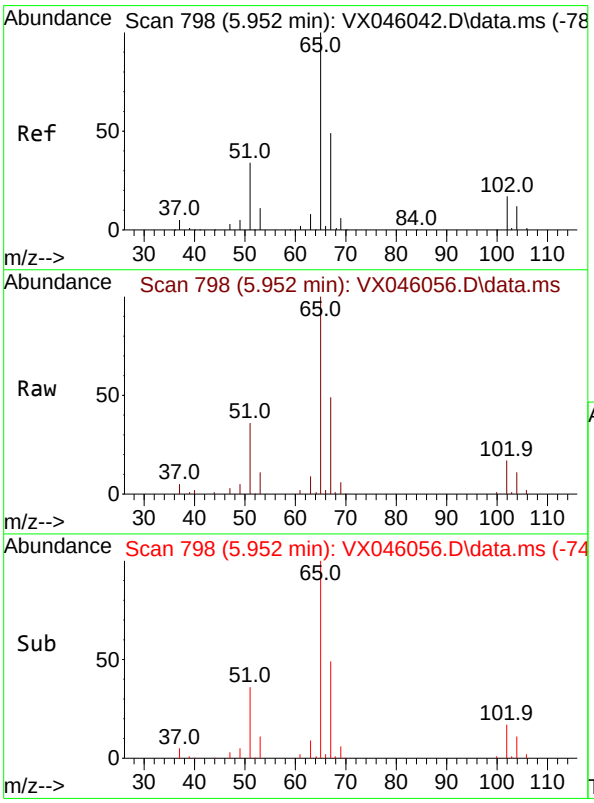
#31
Cyclohexane
Concen: 9.807 ug/l
RT: 5.458 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 56 Resp: 14312

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.4	36.6
84	74.8	66.9	100.3

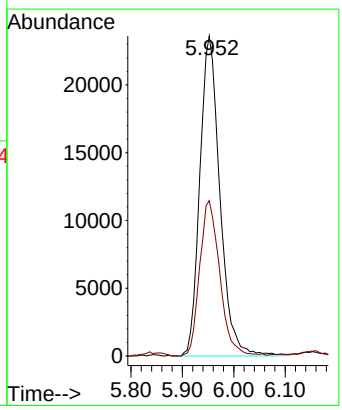


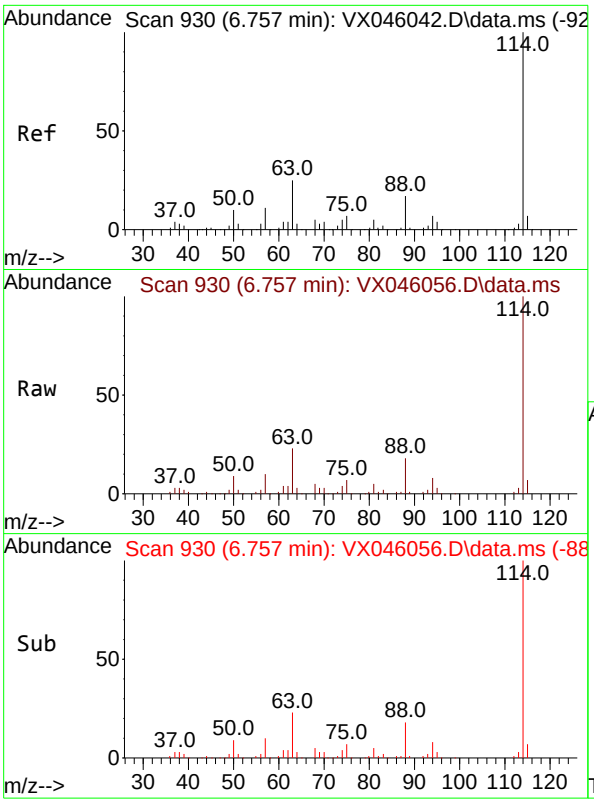


#33
1,2-Dichloroethane-d4
Concen: 52.252 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 65 Resp: 63984

Ion	Ratio	Lower	Upper
65	100		
67	48.8	0.0	99.0



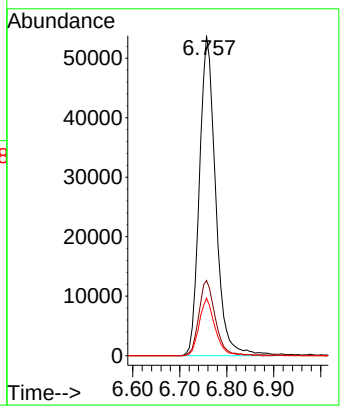


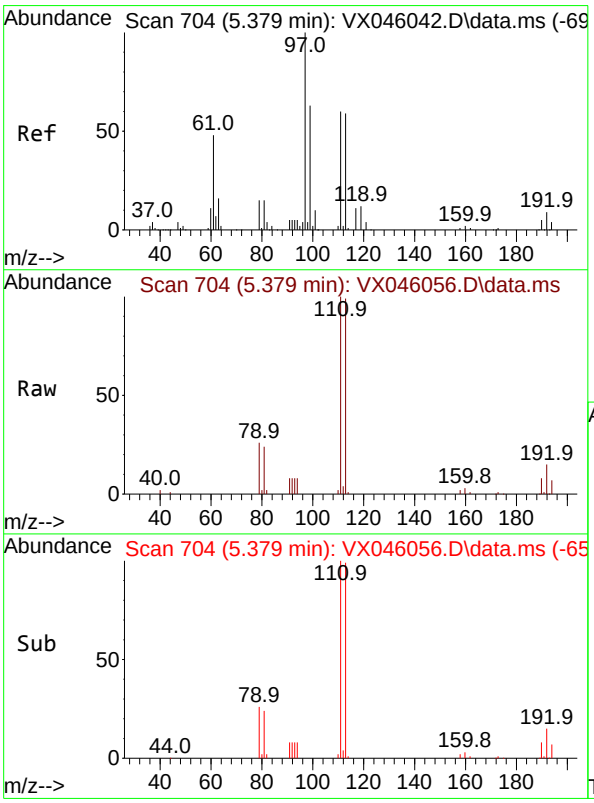
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:114 Resp: 129171

Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	49.2
88	18.0	0.0	33.6

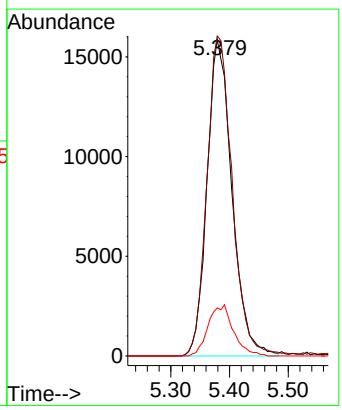


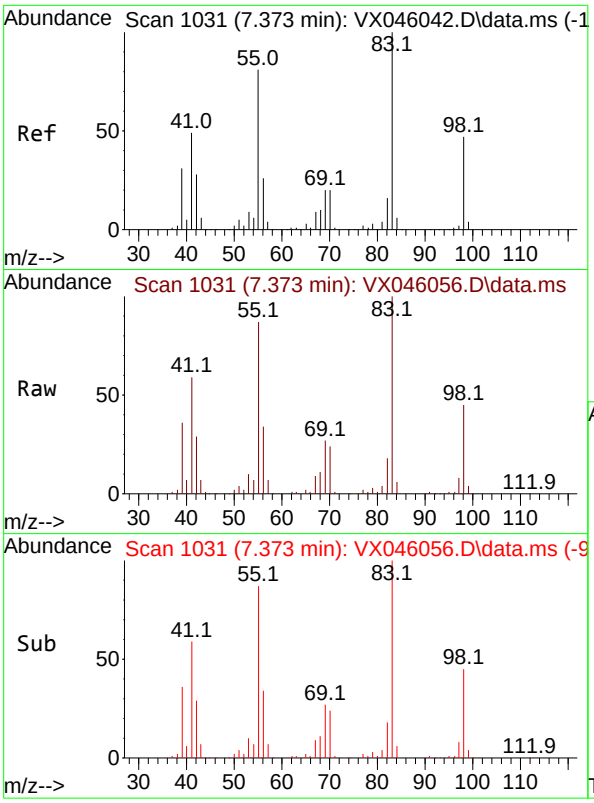


#35
Dibromofluoromethane
Concen: 50.302 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:113 Resp: 46789

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	16.4	13.3	19.9



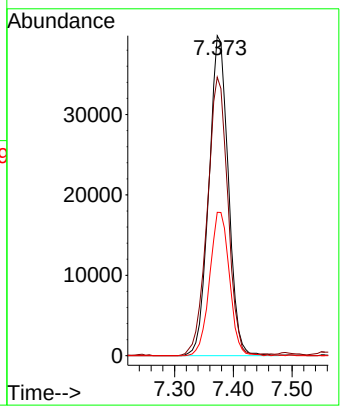


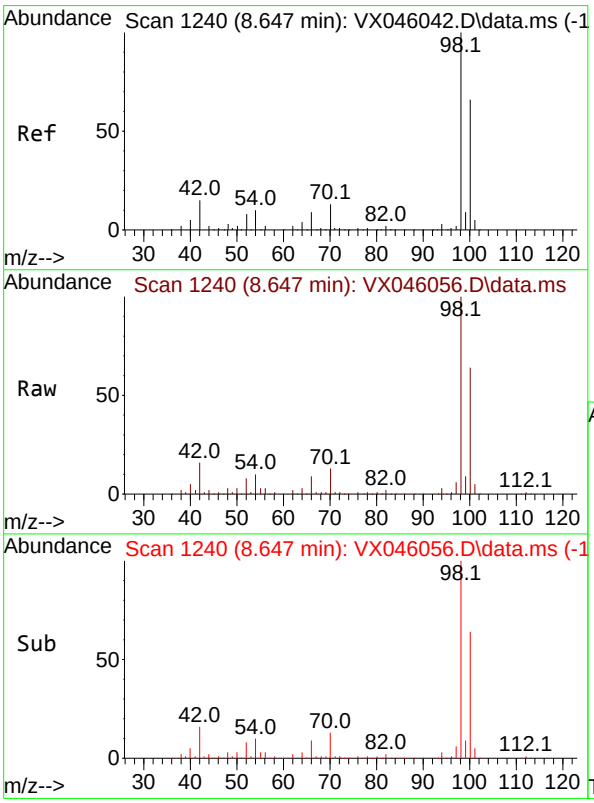
#39
Methylcyclohexane
Concen: 56.771 ug/l
RT: 7.373 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 83 Resp: 91344

Ion	Ratio	Lower	Upper
83	100		
55	87.1	64.7	97.1
98	44.8	37.4	56.2

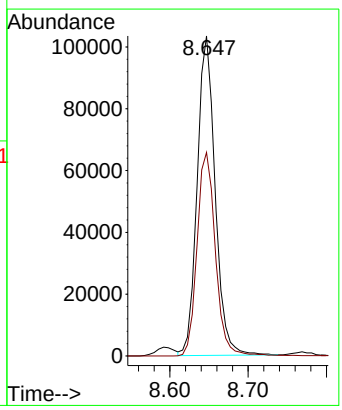


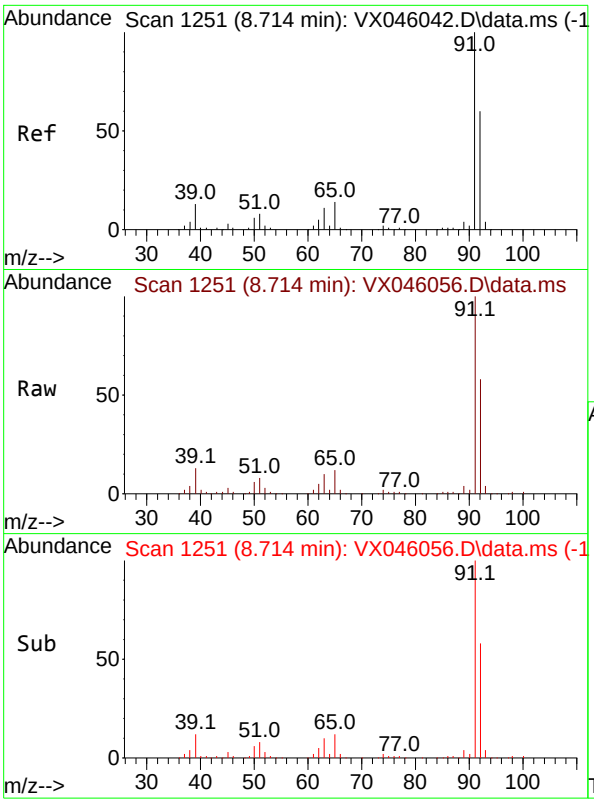


#50
Toluene-d8
Concen: 51.162 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 98 Resp: 164713

Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.5	80.3



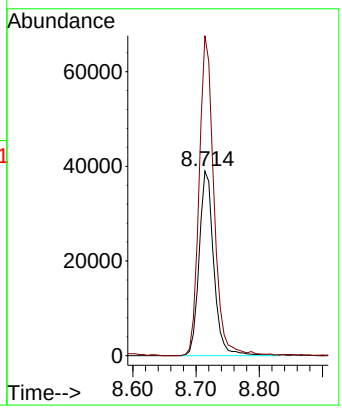


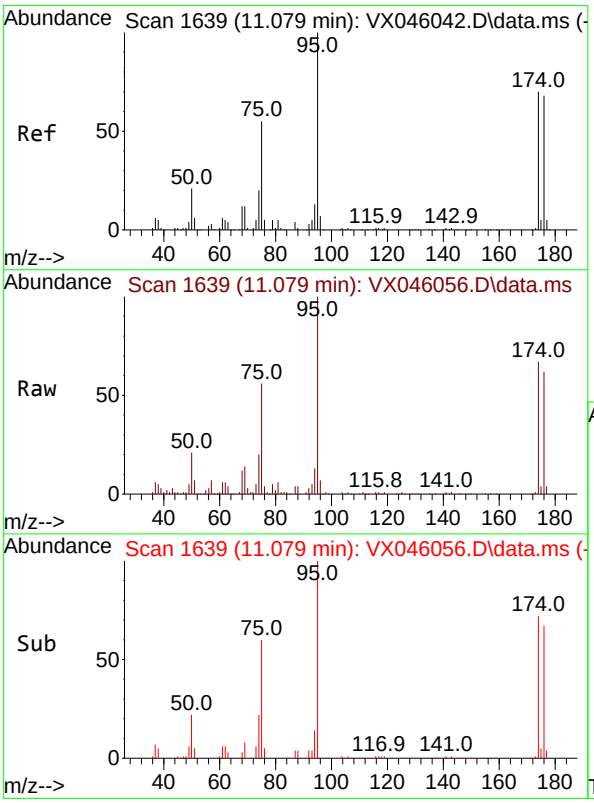
#52
Toluene
Concen: 28.017 ug/l
RT: 8.714 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 92 Resp: 62889

Ion	Ratio	Lower	Upper
92	100		
91	175.4	136.6	205.0

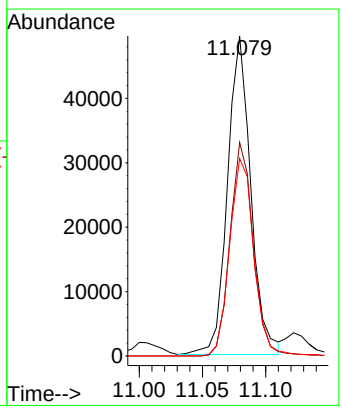


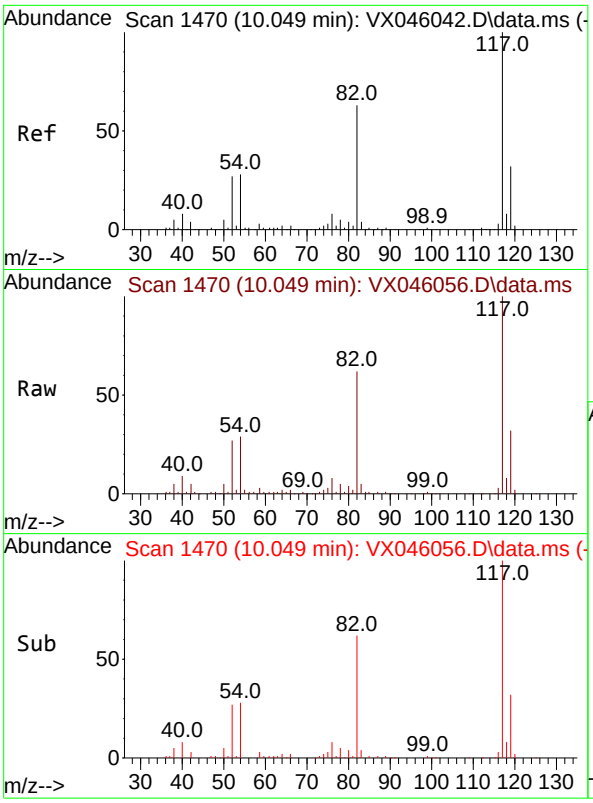


#62
4-Bromofluorobenzene
Concen: 51.344 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 95 Resp: 63406

Ion	Ratio	Lower	Upper
95	100		
174	66.8	0.0	135.8
176	64.6	0.0	131.4



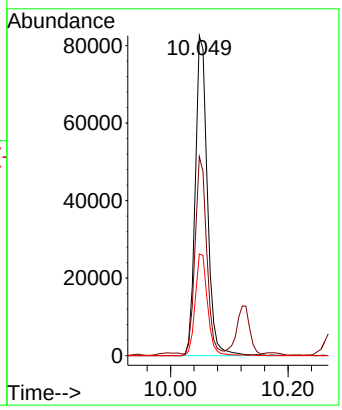


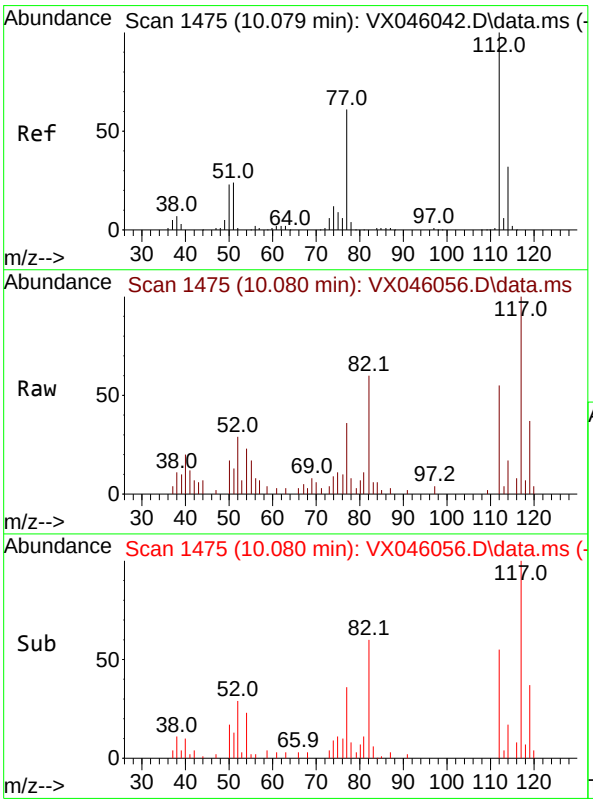
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:117 Resp: 117957

Ion	Ratio	Lower	Upper
117	100		
82	61.5	50.6	76.0
119	31.8	25.8	38.6

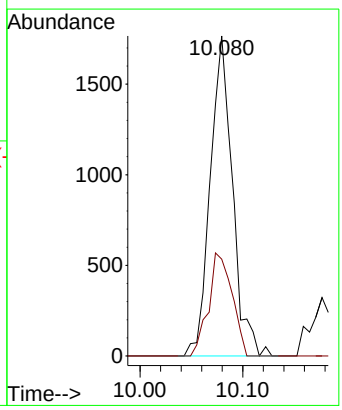


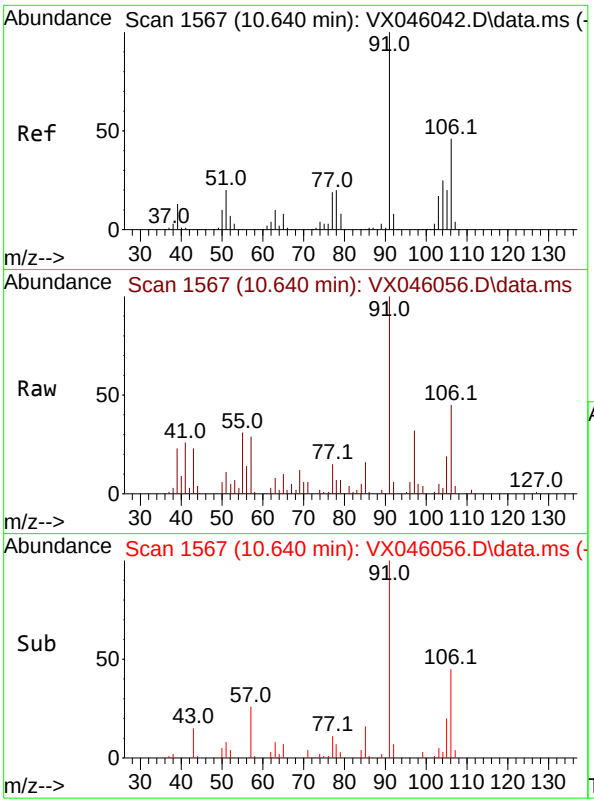


#65
Chlorobenzene
Concen: 1.028 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:112 Resp: 2654

Ion	Ratio	Lower	Upper
112	100		
114	30.2	25.4	38.2



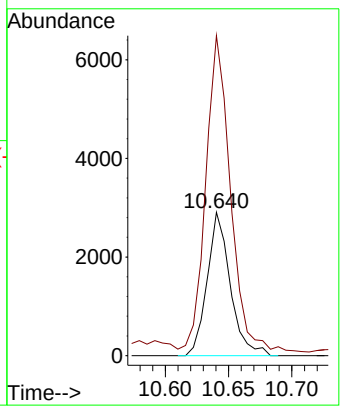


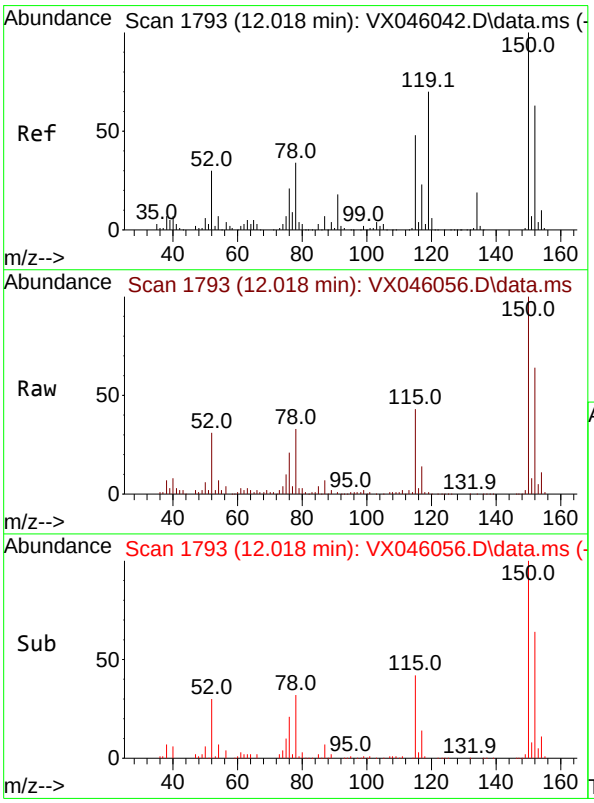
#69
o-Xylene
Concen: 2.275 ug/l
RT: 10.640 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:106 Resp: 3691

Ion	Ratio	Lower	Upper
106	100		
91	236.6	112.7	338.1

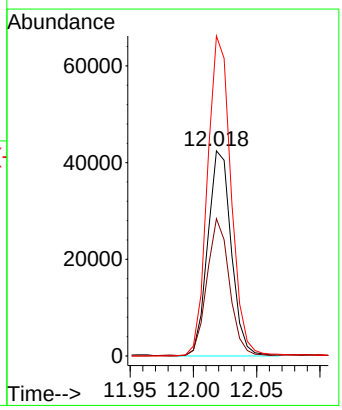


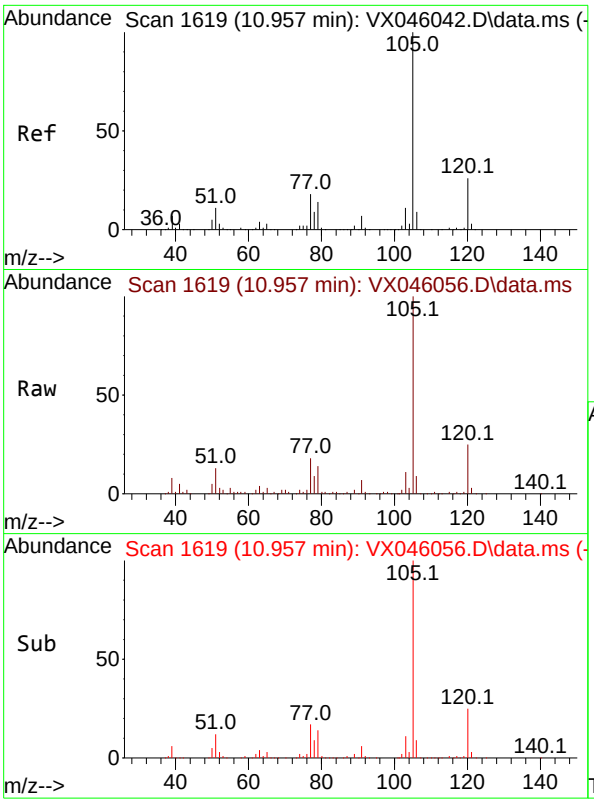


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:152 Resp: 54778

Ion	Ratio	Lower	Upper
152	100		
115	64.5	46.9	140.7
150	156.9	0.0	351.0



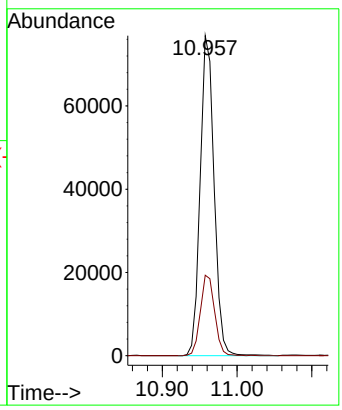


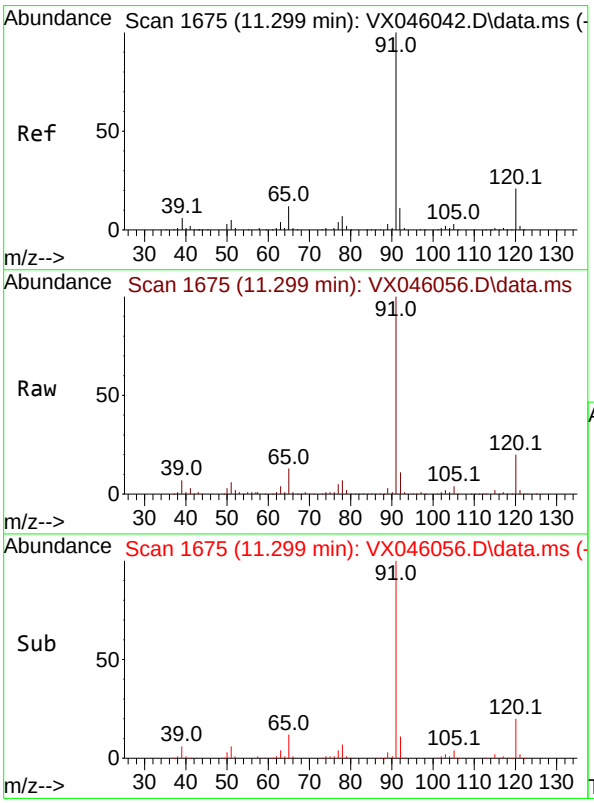
#73
Isopropylbenzene
Concen: 23.300 ug/l
RT: 10.957 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:105 Resp: 99366

Ion	Ratio	Lower	Upper
105	100		
120	25.8	12.8	38.4

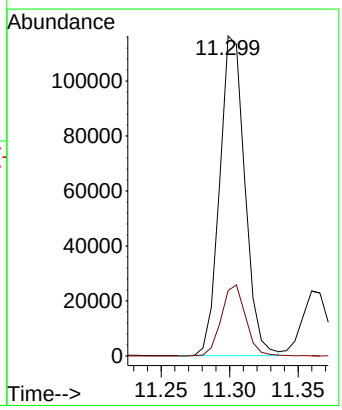


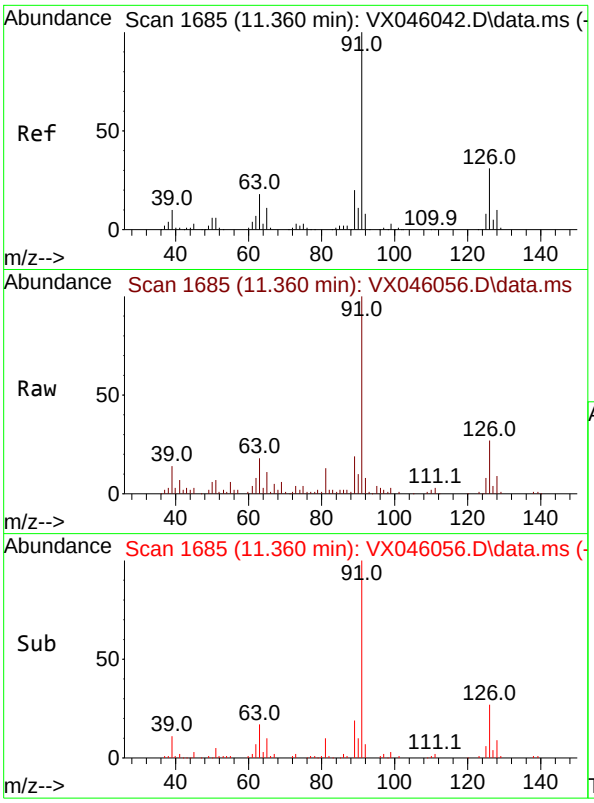


#78
n-propylbenzene
Concen: 29.977 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion: 91 Resp: 148647

Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4



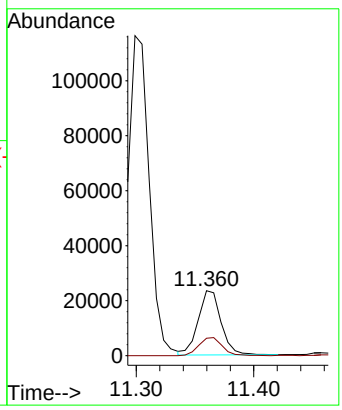


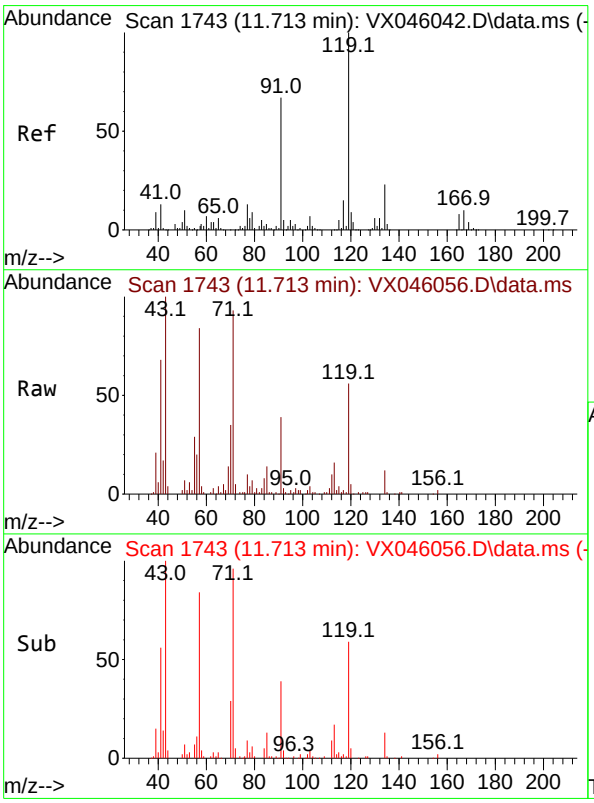
#79
2-Chlorotoluene
Concen: 9.890 ug/l
RT: 11.360 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 91 Resp: 31633

Ion	Ratio	Lower	Upper
91	100		
126	29.0	15.6	46.7

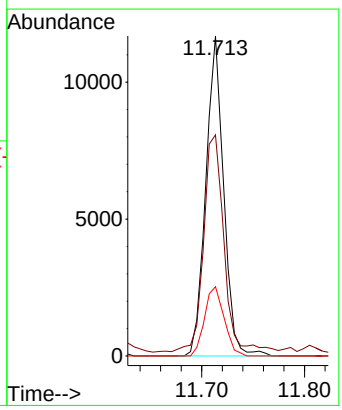


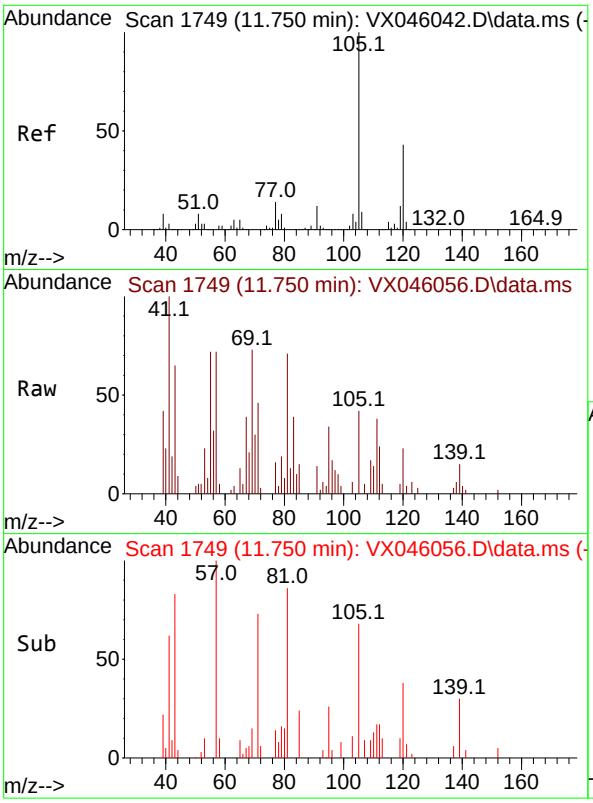


#83
tert-Butylbenzene
Concen: 3.938 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:119 Resp: 14133

Ion	Ratio	Lower	Upper
119	100		
91	76.1	32.9	98.7
134	23.6	11.4	34.1



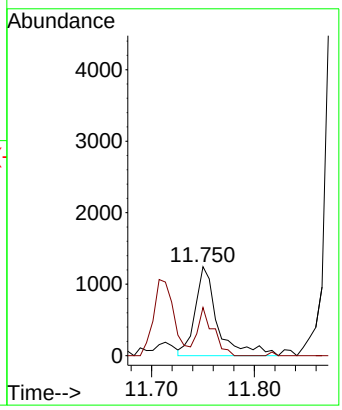


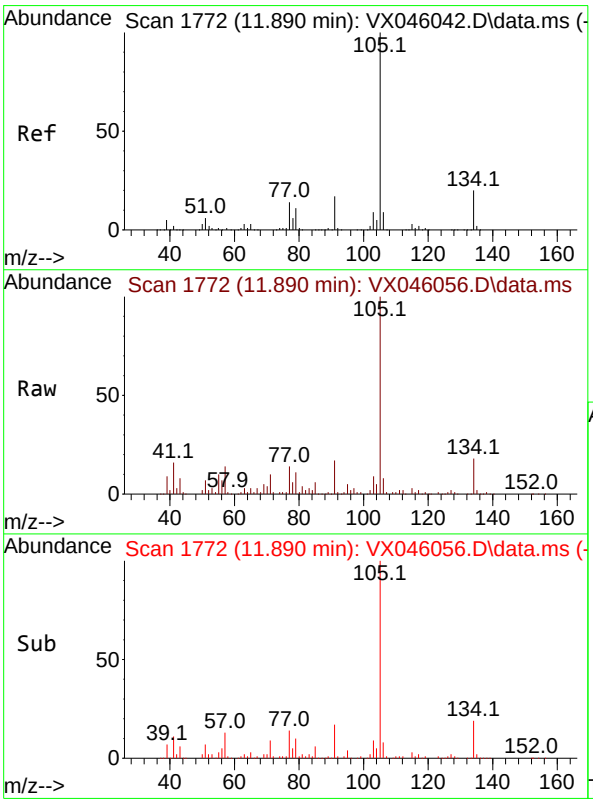
#84
1,2,4-Trimethylbenzene
Concen: 0.523 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion:105 Resp: 1888

Ion	Ratio	Lower	Upper
105	100		
120	37.1	21.2	63.6

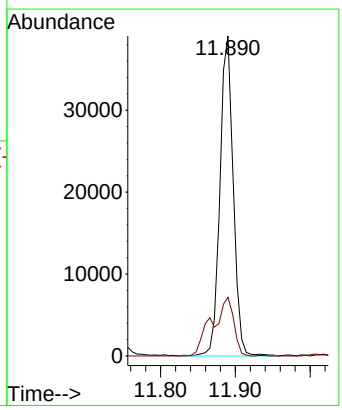


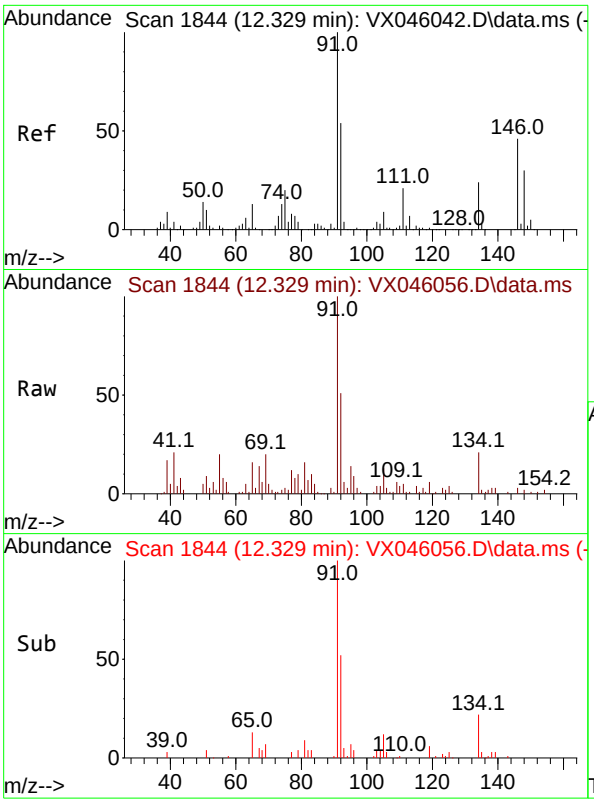


#85
sec-Butylbenzene
Concen: 11.017 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Tgt Ion:105 Resp: 48543

Ion	Ratio	Lower	Upper
105	100		
134	30.0	9.7	29.1#



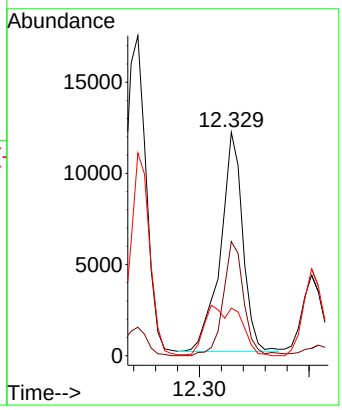


#89
n-Butylbenzene
Concen: 5.338 ug/l
RT: 12.329 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046056.D
Acq: 06 May 2025 12:15

Instrument :
MSVOA_X
ClientSampleId :
GB3W

Tgt Ion: 91 Resp: 17031

Ion	Ratio	Lower	Upper
91	100		
92	48.1	26.9	80.7
134	20.3	11.8	35.3



Sample Results: **VX046056.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

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: VX046056.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.379	693	704	712	rBV2	53159	158461	7.67%	0.628%
2	5.458	712	717	724	rVV4	22476	69000	3.34%	0.274%
3	5.544	724	731	756	rVB	75298	256006	12.39%	1.015%
4	5.952	789	798	812	rBV	61242	163586	7.92%	0.649%
5	6.153	820	831	840	rBV3	30529	95469	4.62%	0.379%
6	6.251	840	847	855	rVV2	30087	83933	4.06%	0.333%
7	6.348	855	863	877	rVB3	42013	120913	5.85%	0.479%
8	6.757	921	930	953	rBV	135381	330862	16.01%	1.312%
9	7.373	1019	1031	1044	rBV	226257	546676	26.46%	2.168%
10	7.769	1086	1096	1104	rBV2	42800	86974	4.21%	0.345%
11	7.952	1119	1126	1138	rVB	52462	103493	5.01%	0.410%
12	8.598	1224	1232	1235	rBV2	170714	312266	15.11%	1.238%
13	8.647	1235	1240	1246	rVV	297615	541087	26.19%	2.146%
14	8.714	1246	1251	1256	rVV	170455	265577	12.85%	1.053%
15	8.769	1256	1260	1265	rVV	81935	134271	6.50%	0.532%
16	8.842	1269	1272	1280	rVB	52148	84031	4.07%	0.333%
17	8.970	1288	1293	1304	rVB2	179986	303322	14.68%	1.203%
18	9.098	1305	1314	1320	rBV	77063	129409	6.26%	0.513%
19	9.378	1354	1360	1365	rBV3	57588	96466	4.67%	0.383%
20	9.506	1375	1381	1385	rBV3	87644	171212	8.29%	0.679%
21	9.561	1385	1390	1394	rVB	174037	248662	12.03%	0.986%
22	9.616	1394	1399	1403	rBV	138208	214203	10.37%	0.849%
23	9.756	1415	1422	1427	rBV2	37129	59934	2.90%	0.238%
24	9.823	1427	1433	1438	rBV4	74633	159036	7.70%	0.631%
25	10.049	1466	1470	1476	rVV	287132	413455	20.01%	1.640%
26	10.122	1476	1482	1487	rVV	87174	160256	7.76%	0.635%
27	10.177	1487	1491	1498	rVV3	34763	75100	3.63%	0.298%
28	10.275	1498	1507	1510	rVV2	83353	170679	8.26%	0.677%
29	10.317	1510	1514	1517	rVV2	93658	150158	7.27%	0.595%
30	10.348	1517	1519	1531	rVB2	52471	102599	4.97%	0.407%
31	10.451	1531	1536	1545	rBV2	47782	73594	3.56%	0.292%
32	10.586	1551	1558	1565	rBV3	110336	212587	10.29%	0.843%
33	10.665	1565	1571	1576	rVV3	35178	75789	3.67%	0.301%
34	10.775	1581	1589	1594	rBV2	211102	329813	15.96%	1.308%
35	10.854	1594	1602	1606	rBV4	151452	245978	11.90%	0.975%
36	10.890	1606	1608	1614	rVB	84382	105597	5.11%	0.419%

Sample Results: **VX046056.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

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	10.957	1614	1619	1623	rBV	207832	274893	13.30%	1.090%
38	11.024	1628	1630	1635	rVV2	52483	73219	3.54%	0.290%
39	11.079	1635	1639	1643	rVV	241281	301611	14.60%	1.196%
40	11.122	1643	1646	1650	rVB	45686	59517	2.88%	0.236%
41	11.220	1654	1662	1670	rVB4	75561	140289	6.79%	0.556%
42	11.299	1670	1675	1679	rBV	245901	318997	15.44%	1.265%
43	11.360	1682	1685	1693	rVV2	72241	139998	6.78%	0.555%
44	11.427	1693	1696	1700	rVV2	66989	90288	4.37%	0.358%
45	11.610	1722	1726	1734	rVB4	65852	125548	6.08%	0.498%
46	11.713	1739	1743	1746	rVV	130373	138295	6.69%	0.548%
47	11.866	1759	1768	1769	rBV2	68762	126697	6.13%	0.502%
48	11.890	1769	1772	1776	rVV	125852	162556	7.87%	0.645%
49	11.939	1776	1780	1784	rVV	61983	80343	3.89%	0.319%
50	12.018	1788	1793	1799	rBV	291371	396192	19.17%	1.571%
51	12.171	1811	1818	1824	rVB2	59476	91867	4.45%	0.364%
52	12.244	1824	1830	1836	rVB2	307395	406942	19.69%	1.614%
53	12.311	1836	1841	1848	rBV3	73989	151784	7.35%	0.602%
54	12.402	1850	1856	1863	rBV2	64559	122920	5.95%	0.487%
55	12.610	1886	1890	1893	rVV	380999	458062	22.17%	1.816%
56	12.640	1893	1895	1899	rVV	92753	113292	5.48%	0.449%
57	12.695	1899	1904	1912	rVB2	308522	518620	25.10%	2.057%
58	12.835	1925	1927	1931	rVB	51799	56902	2.75%	0.226%
59	12.920	1937	1941	1947	rVB	275920	363998	17.62%	1.443%
60	12.975	1947	1950	1954	rVB3	47646	62061	3.00%	0.246%
61	13.024	1954	1958	1962	rBV3	68593	124755	6.04%	0.495%
62	13.164	1978	1981	1985	rVV	143254	149978	7.26%	0.595%
63	13.286	1992	2001	2008	rBV2	898218	1381052	66.84%	5.477%
64	13.384	2012	2017	2020	rVV2	101907	200879	9.72%	0.797%
65	13.420	2020	2023	2032	rVB7	93924	187980	9.10%	0.745%
66	13.506	2032	2037	2039	rBV	69425	100596	4.87%	0.399%
67	13.542	2039	2043	2046	rVV	185425	245106	11.86%	0.972%
68	13.579	2046	2049	2053	rVV2	178932	253005	12.24%	1.003%
69	13.664	2053	2063	2068	rVV3	239307	548099	26.53%	2.173%
70	13.744	2071	2076	2079	rBV2	51397	95922	4.64%	0.380%
71	13.792	2079	2084	2088	rVB3	72947	129432	6.26%	0.513%
72	13.841	2088	2092	2098	rVB3	109455	179967	8.71%	0.714%
73	13.926	2098	2106	2110	rBV3	136293	246035	11.91%	0.976%
74	13.969	2110	2113	2117	rBV	87805	117362	5.68%	0.465%
75	14.073	2125	2130	2133	rBV	206823	263775	12.77%	1.046%
76	14.213	2149	2153	2162	rVB	244318	404133	19.56%	1.603%

Sample Results: **VX046056.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

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

77	14.317	2166	2170	2175	rVV2	128855	211450	10.23%	0.838%
78	14.371	2175	2179	2183	rVB	234819	288620	13.97%	1.145%
79	14.414	2183	2186	2192	rVB5	51766	88152	4.27%	0.350%
80	14.481	2192	2197	2201	rBV3	128253	223721	10.83%	0.887%
81	14.634	2210	2222	2227	rBV	1497420	2066320	100.00%	8.194%
82	14.670	2227	2228	2233	rVB2	93150	79039	3.83%	0.313%
83	14.725	2233	2237	2240	rBV	60176	84099	4.07%	0.333%
84	14.780	2241	2246	2254	rVV	1266888	1748688	84.63%	6.934%
85	14.957	2272	2275	2282	rVB7	34013	68089	3.30%	0.270%
86	15.091	2293	2297	2305	rVB8	24434	60458	2.93%	0.240%
87	15.182	2307	2312	2314	rVV2	87525	130443	6.31%	0.517%
88	15.213	2314	2317	2320	rVV	94041	124609	6.03%	0.494%
89	15.262	2321	2325	2331	rVB7	34630	75924	3.67%	0.301%
90	15.371	2339	2343	2346	rBV	135203	178250	8.63%	0.707%
91	15.408	2346	2349	2354	rVB2	122287	187279	9.06%	0.743%
92	15.475	2355	2360	2373	rVB	446503	757285	36.65%	3.003%
93	15.609	2377	2382	2386	rVV	541760	889054	43.03%	3.526%
94	15.646	2386	2388	2397	rVB	348838	488059	23.62%	1.935%
95	15.737	2397	2403	2408	rVB3	56652	107386	5.20%	0.426%
96	15.835	2410	2419	2429	rVB	166877	465398	22.52%	1.846%
97	15.987	2436	2444	2455	rVB	110985	233394	11.30%	0.926%
98	16.347	2499	2503	2512	rVB2	49247	106352	5.15%	0.422%
99	16.591	2539	2543	2549	rVV	63806	113690	5.50%	0.451%
100	16.652	2549	2553	2566	rVB	71754	188493	9.12%	0.747%

Sum of corrected areas: 25217673

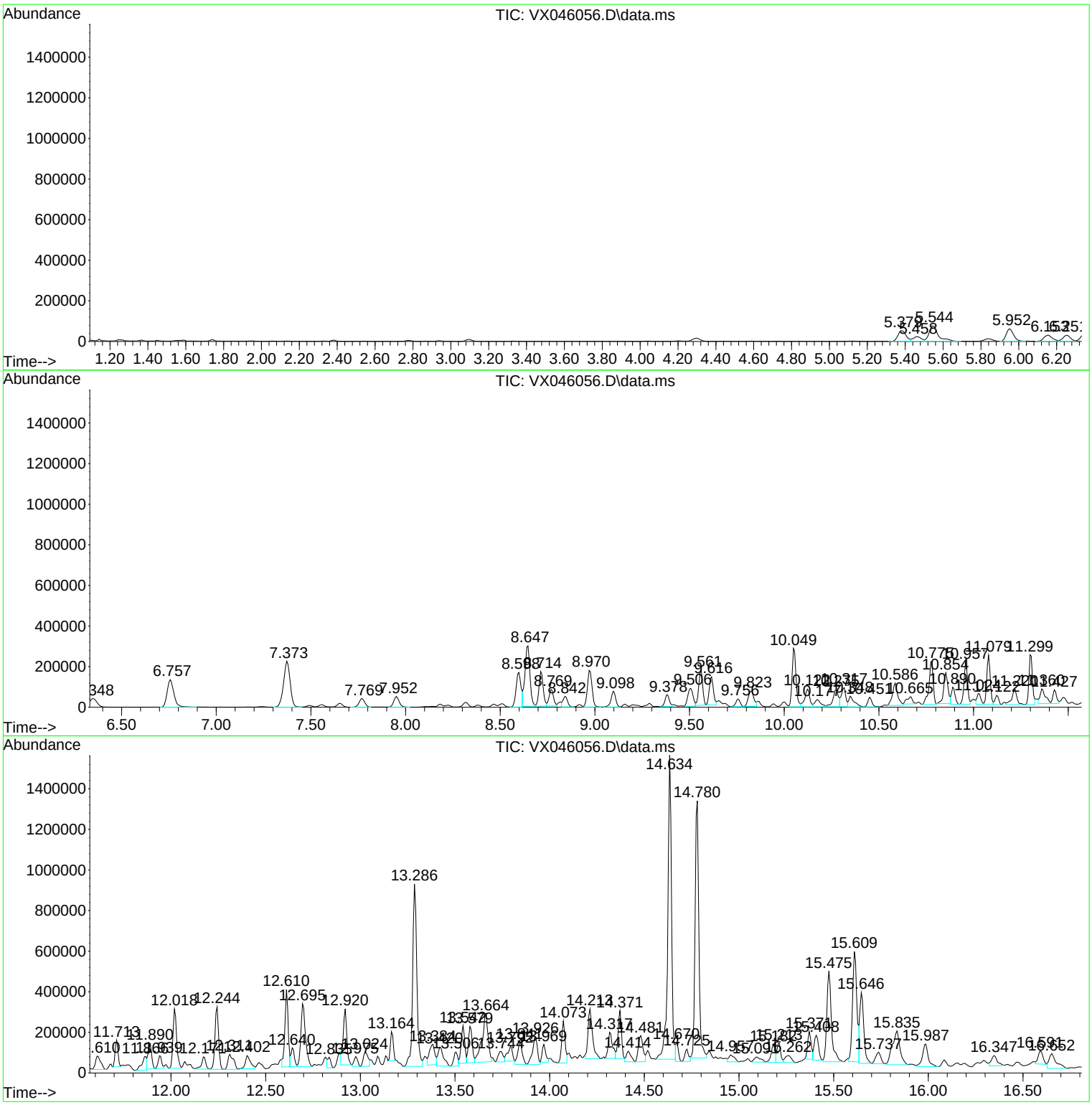
Sample Results: **VX046056.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

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\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

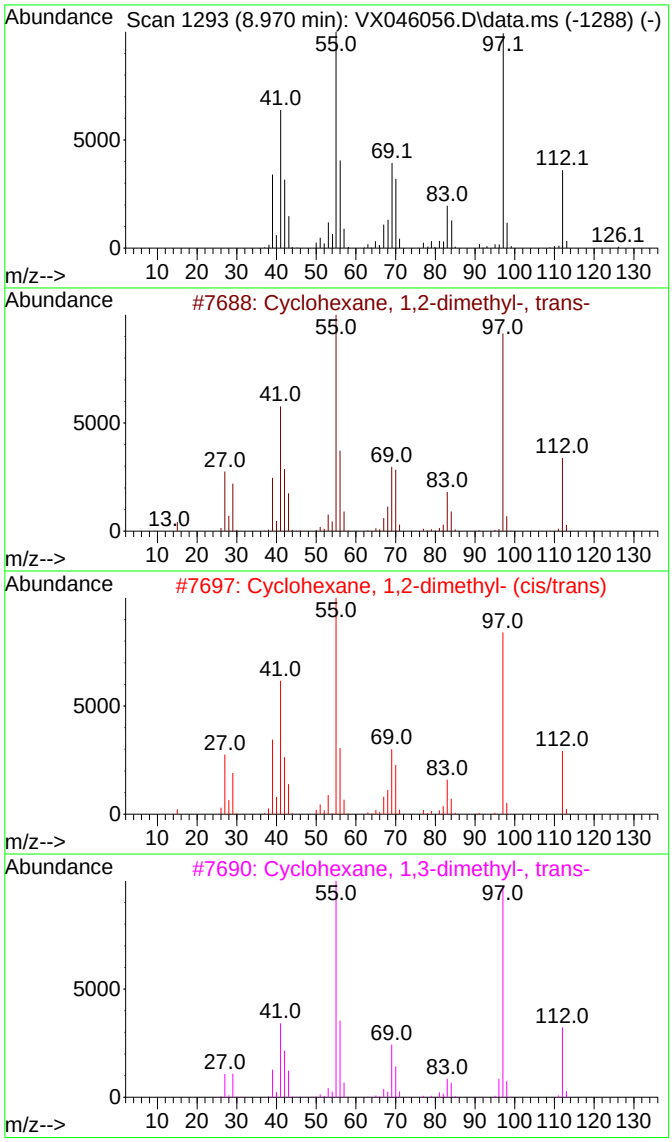
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

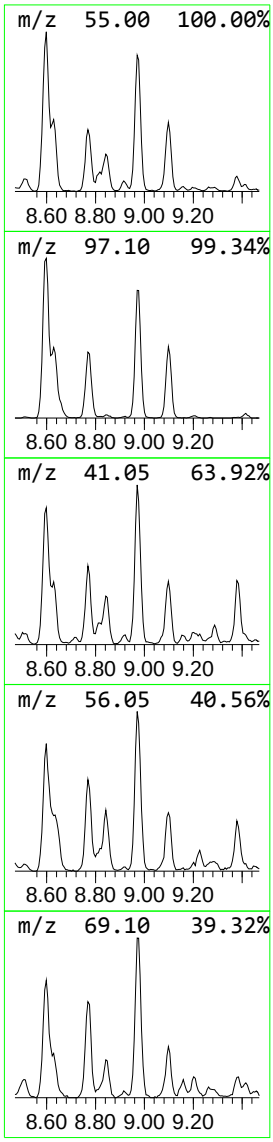
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.970	36.68 ug/l	303322	Chlorobenzene-d5	10.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	95
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	70
5	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	70





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

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

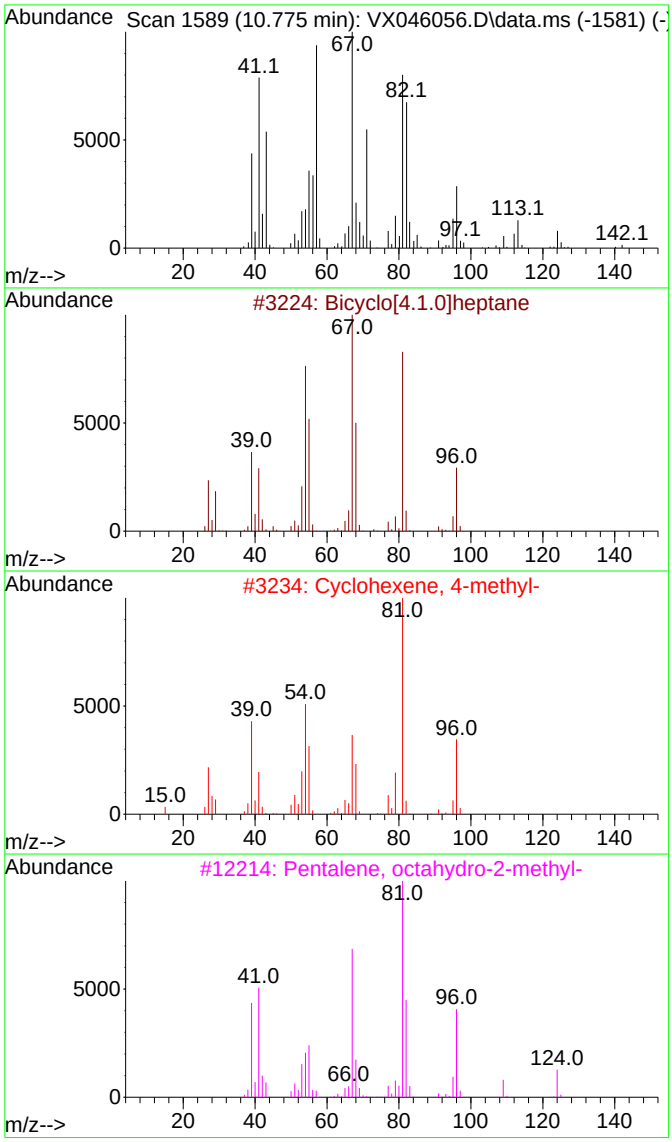
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

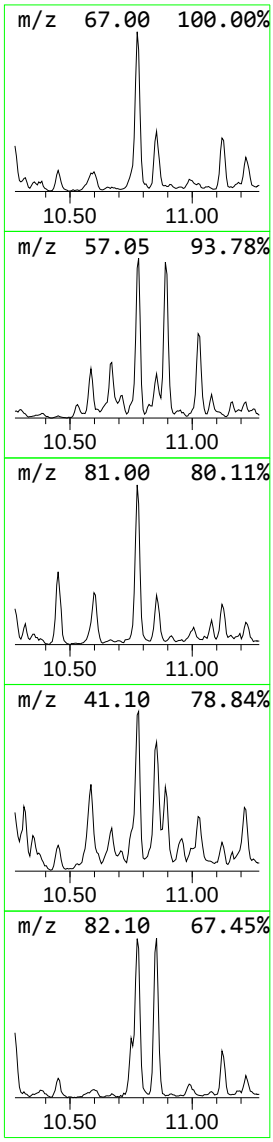
****

Peak Number 2 unknown10.775 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.775	39.88 ug/l	329813	Chlorobenzene-d5	10.049

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	49
2	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	46
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	43
4	Bicyclo[3.3.1]nonane	124	C9H16	000280-65-9	43
5	Pentalene, octahydro-1-methyl-	124	C9H16	032273-77-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

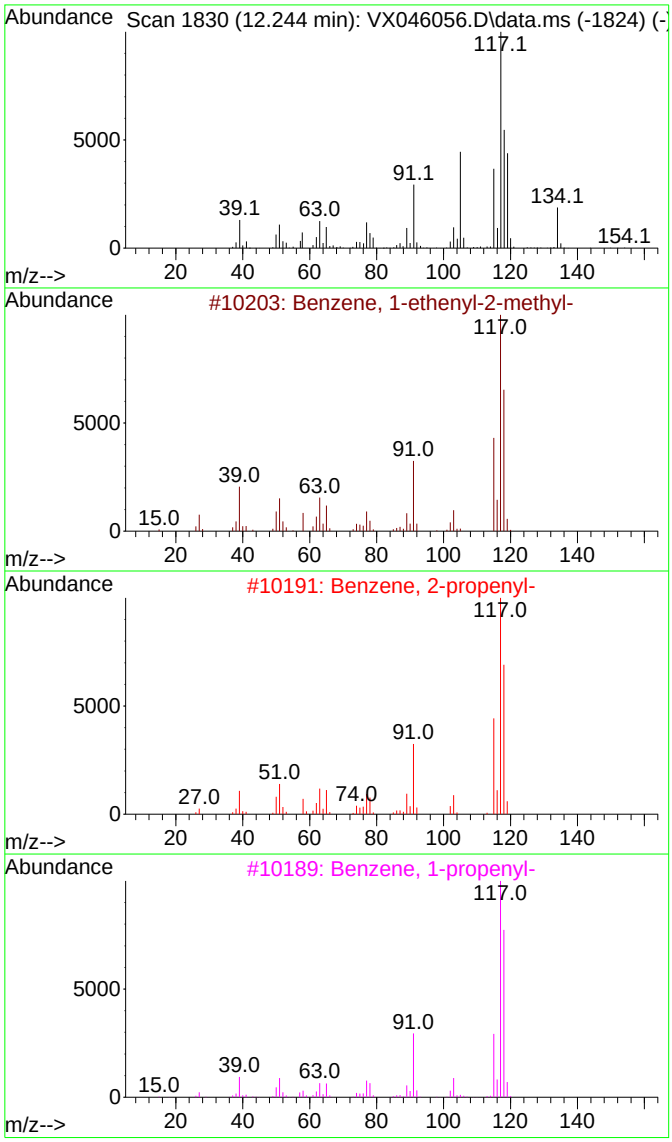
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

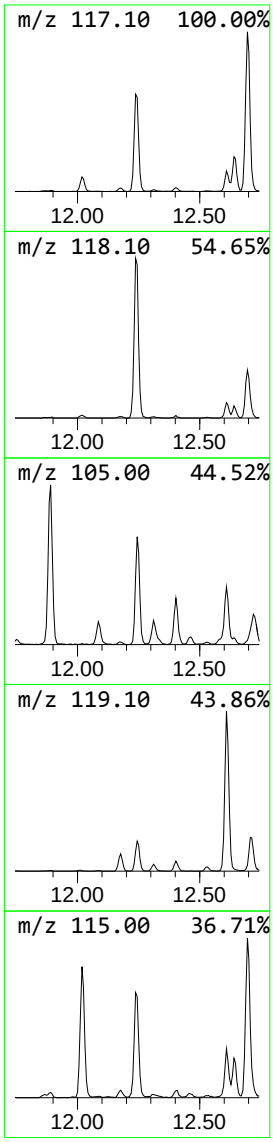
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethenyl-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	51.36 ug/l	406942	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	89
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	78
5	Indane	118	C9H10	000496-11-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

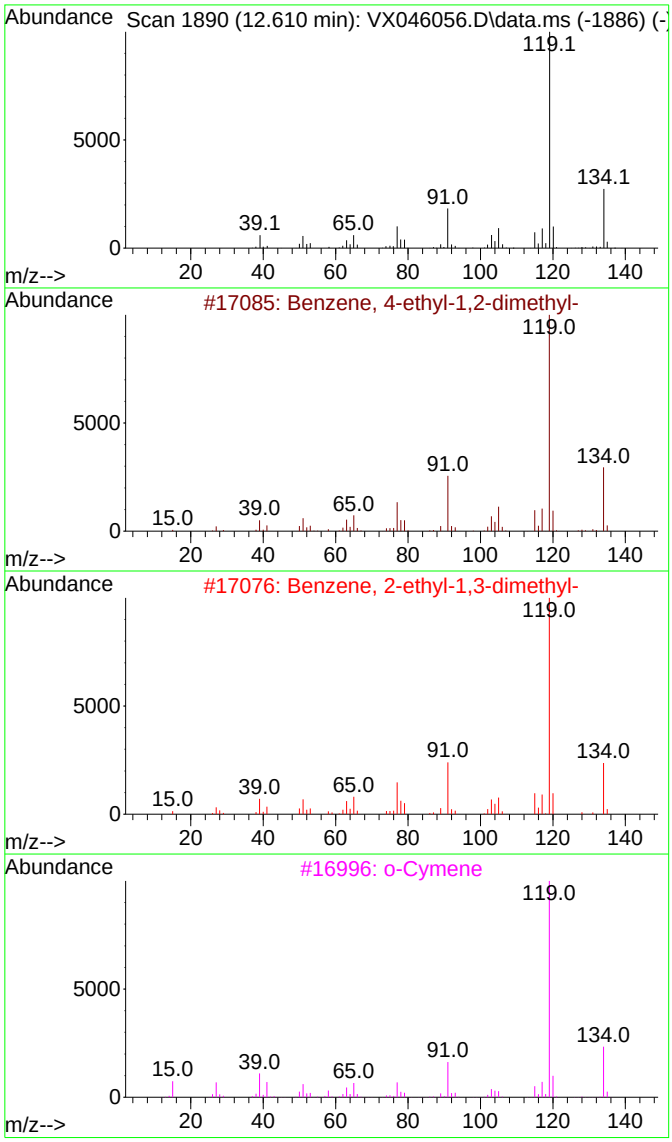
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

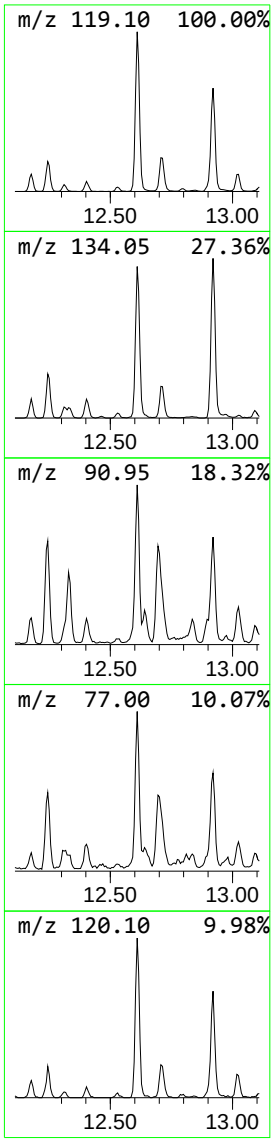
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	57.81 ug/l	458062	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	o-Cymene	134	C10H14	000527-84-4	95
4	p-Cymene	134	C10H14	000099-87-6	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

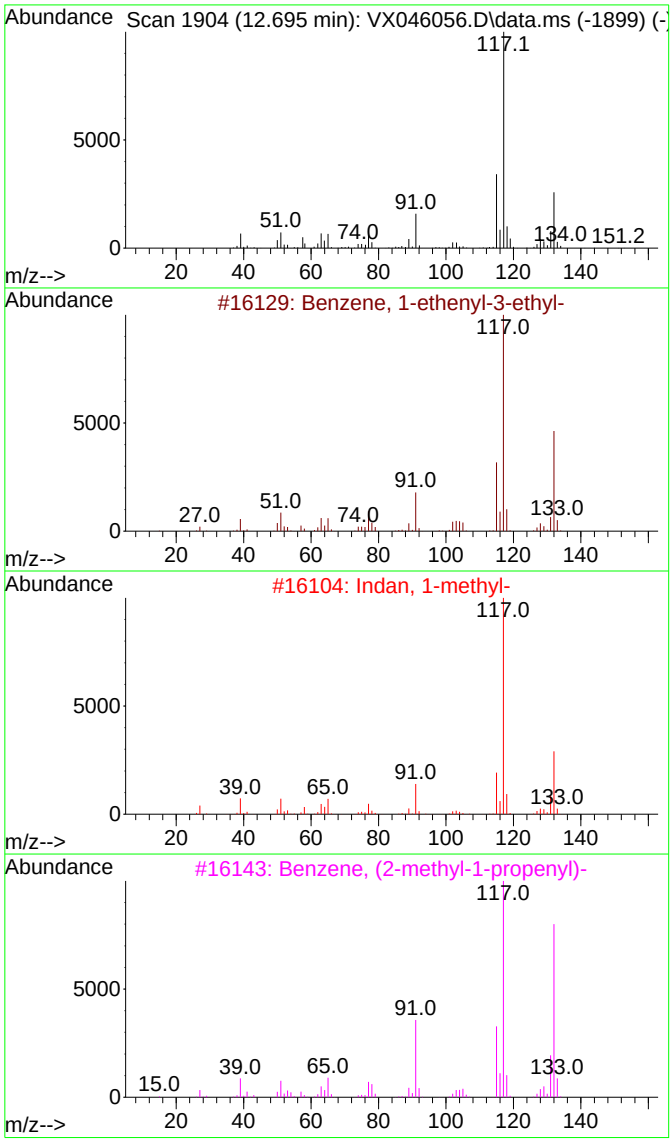
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

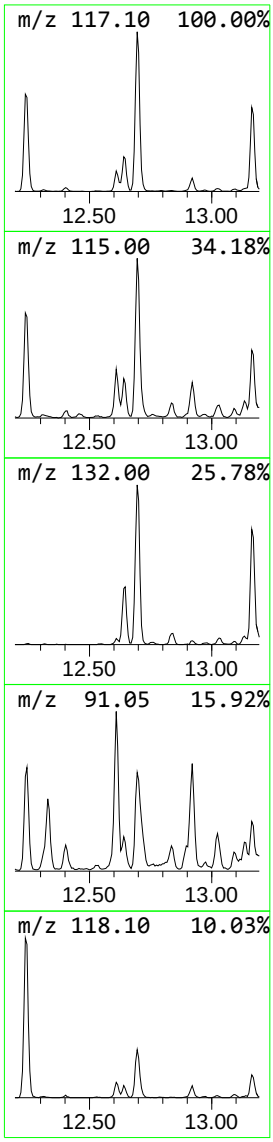
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	65.45 ug/l	518620	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	83
5	Benzene, 2-butenyl-	132	C10H12	001560-06-1	83





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

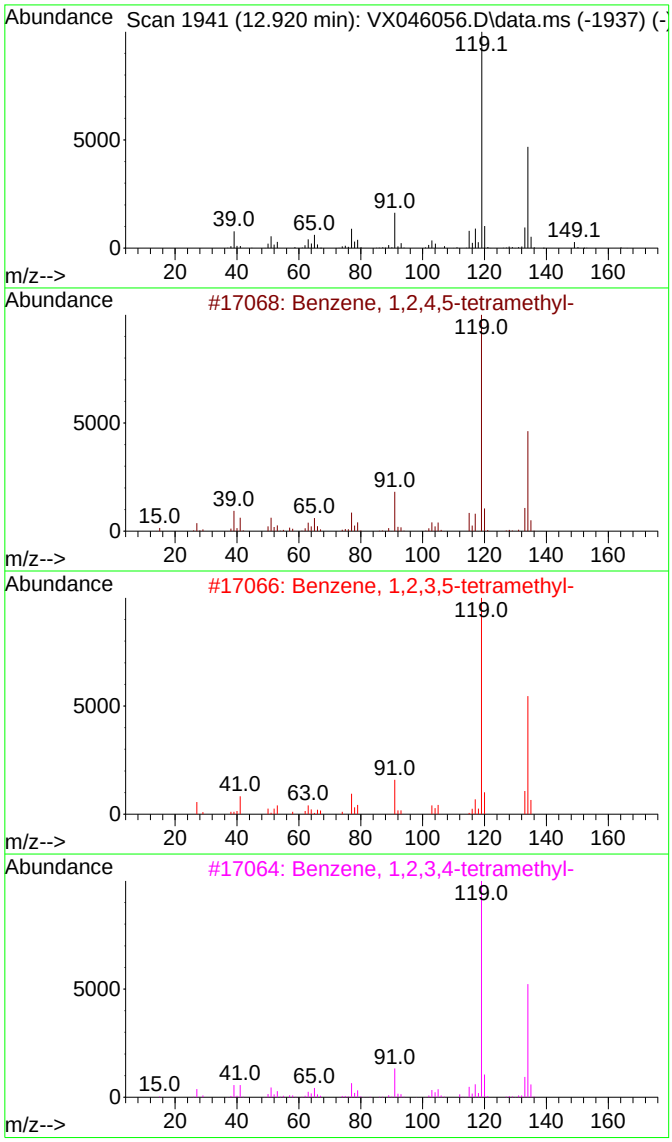
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

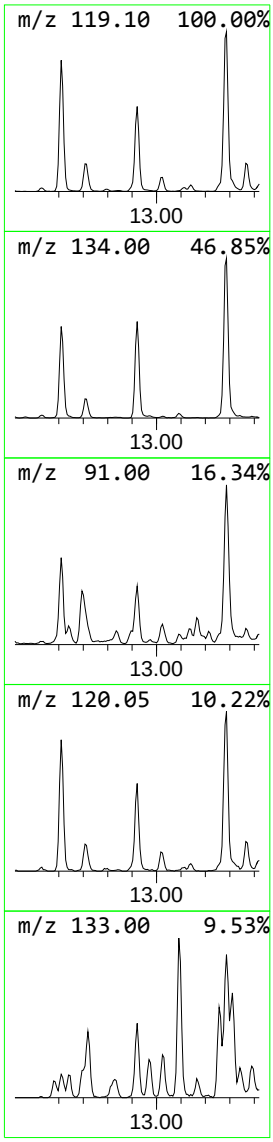
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.921	45.94 ug/l	363998	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

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

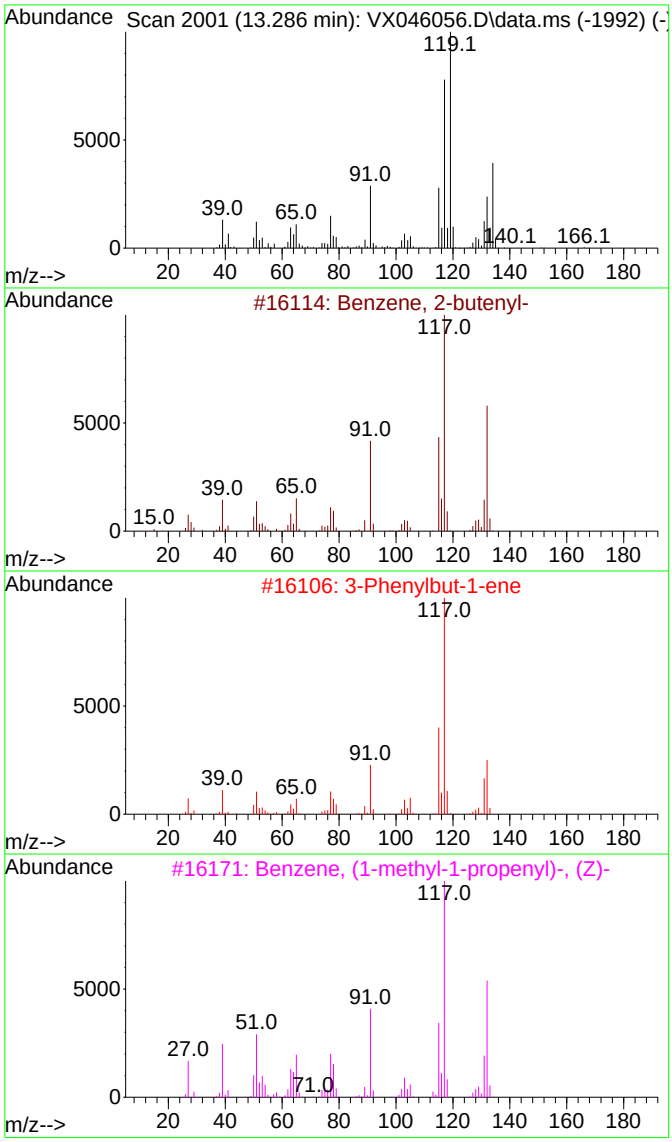
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

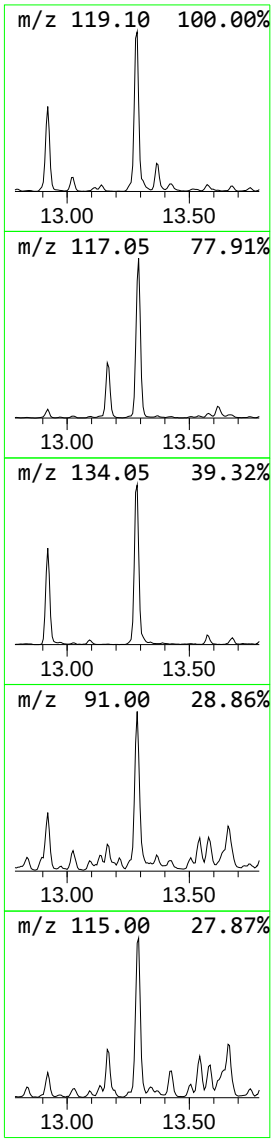
****

Peak Number 7 Benzene, 2-butenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	174.29 ug/l	1381050	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	89
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	64
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	64
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

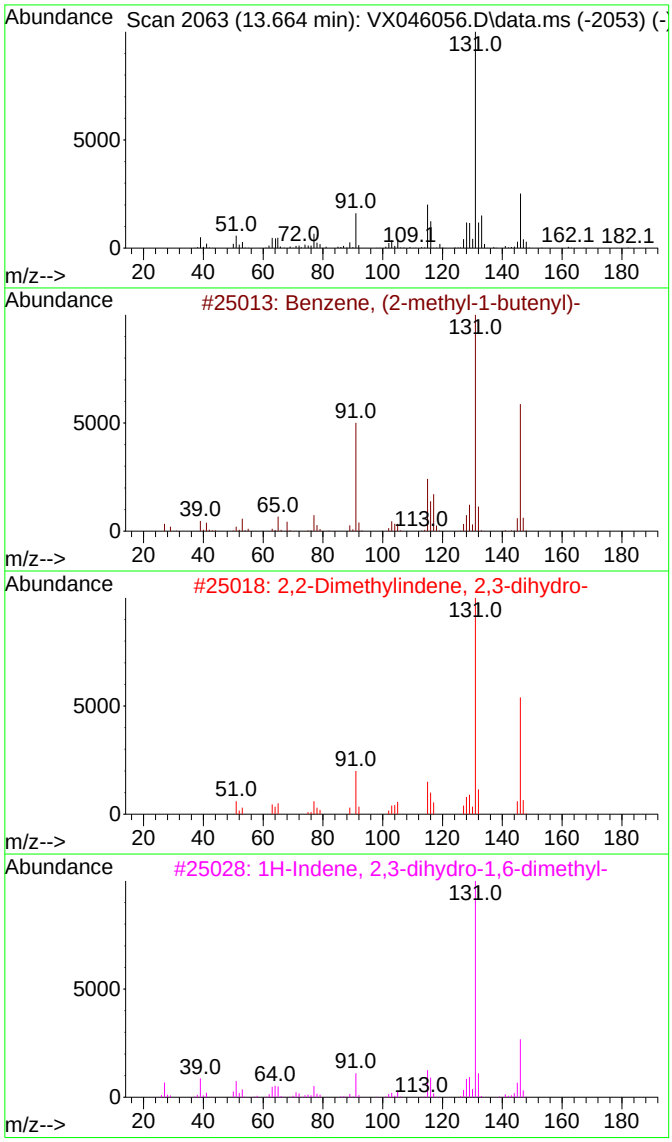
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

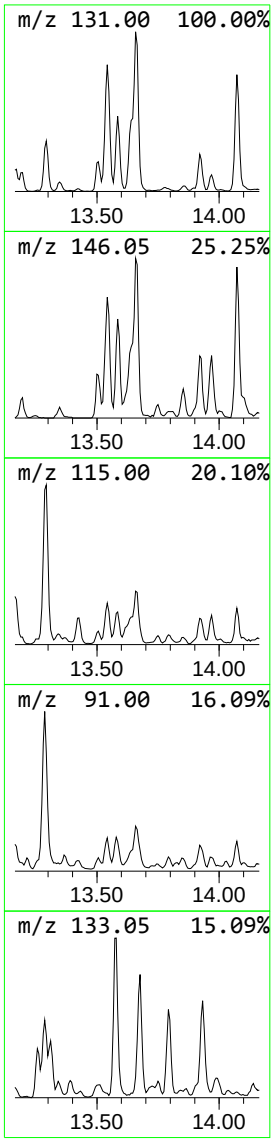
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.664	69.17 ug/l	548099	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	96
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	94
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

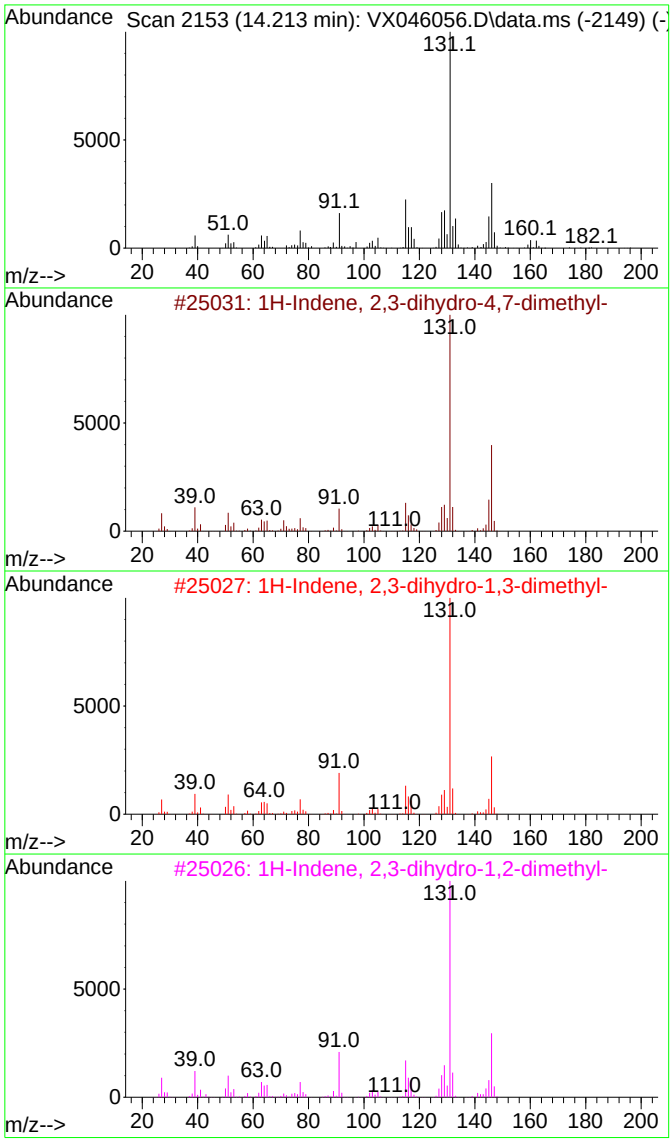
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

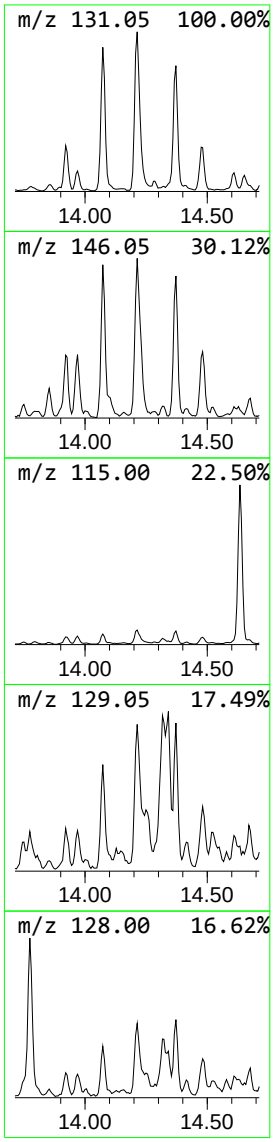
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.213	51.00 ug/l	404133	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	94
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	87
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	87





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

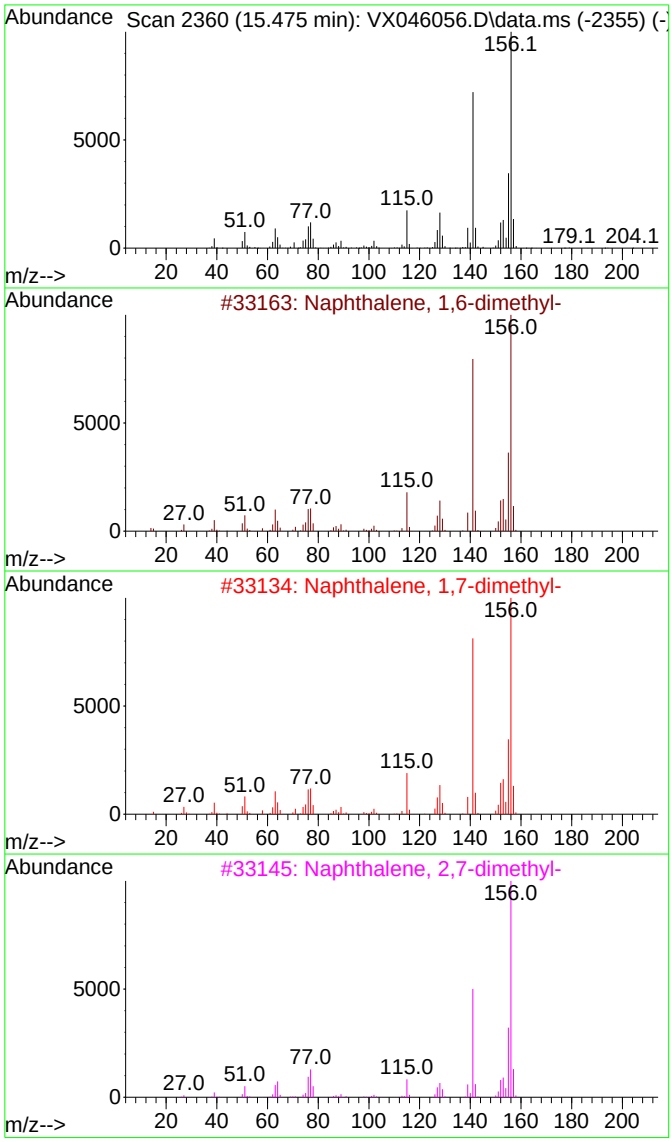
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

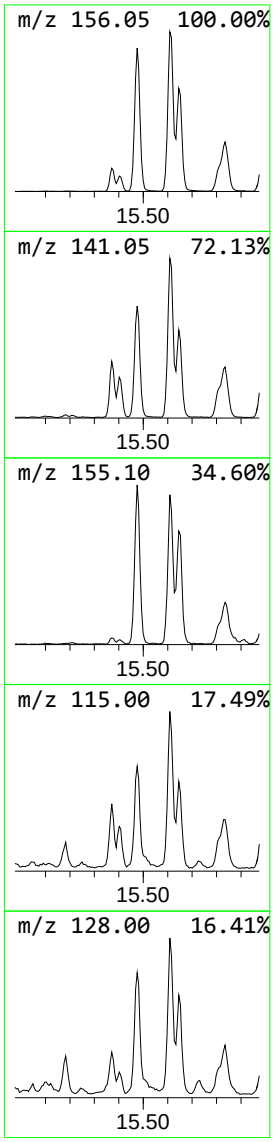
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.475	95.57 ug/l	757285	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	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

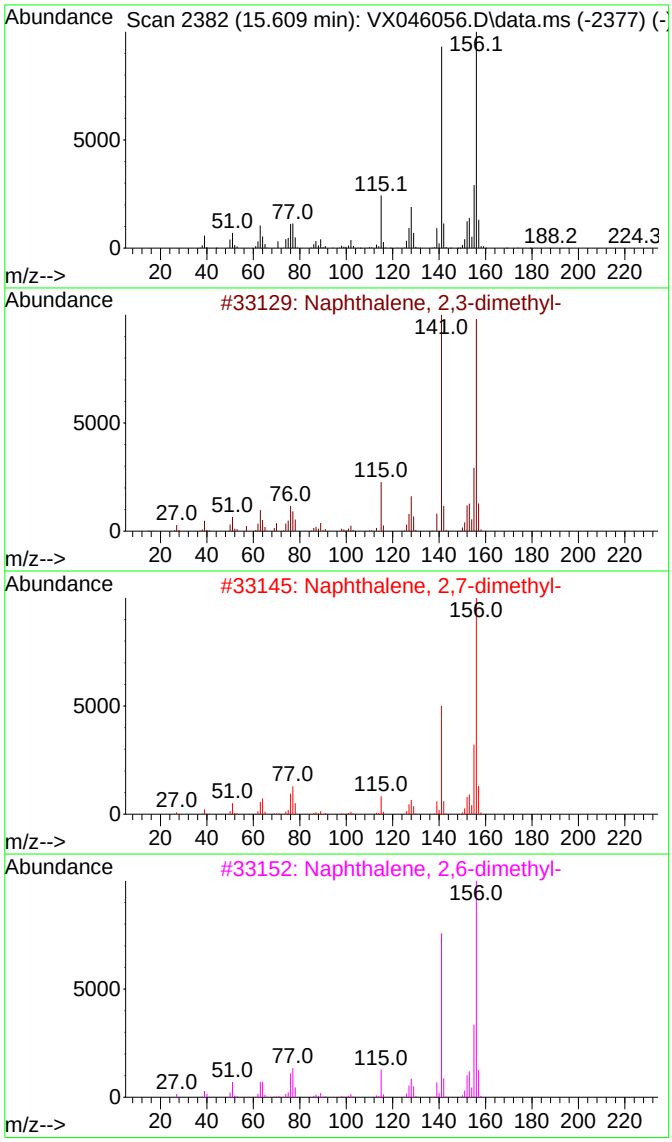
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

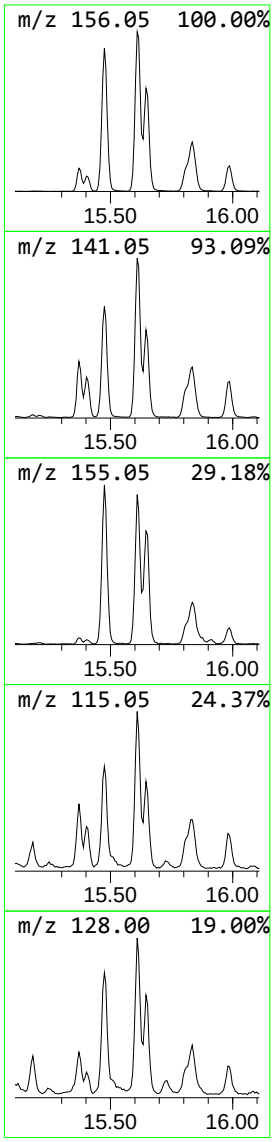
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	112.20 ug/l	889054	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

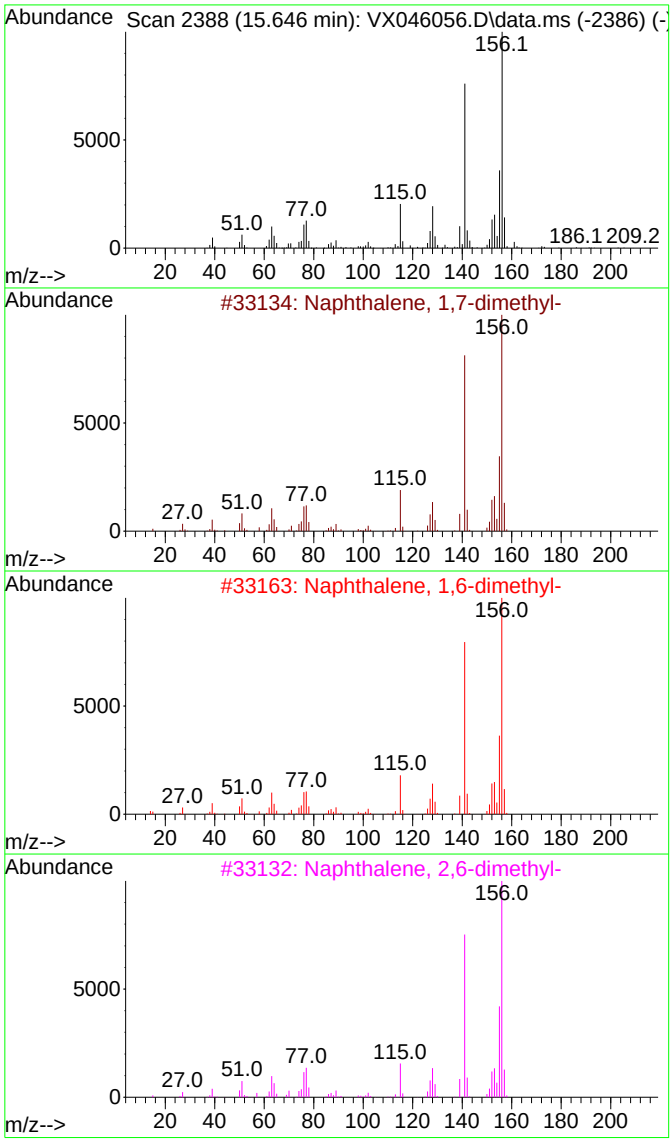
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

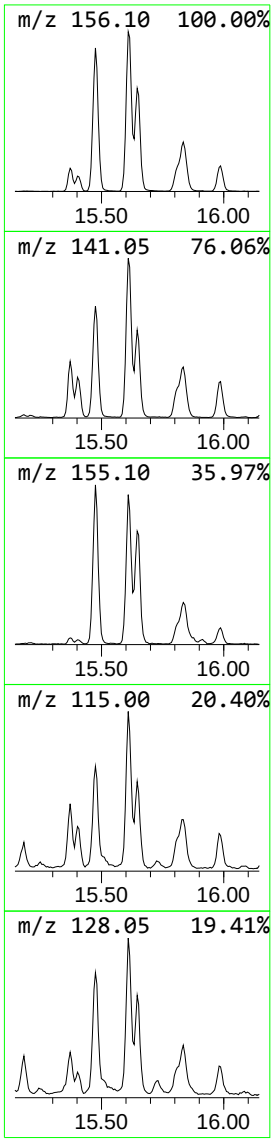
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.646	61.59 ug/l	488059	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, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

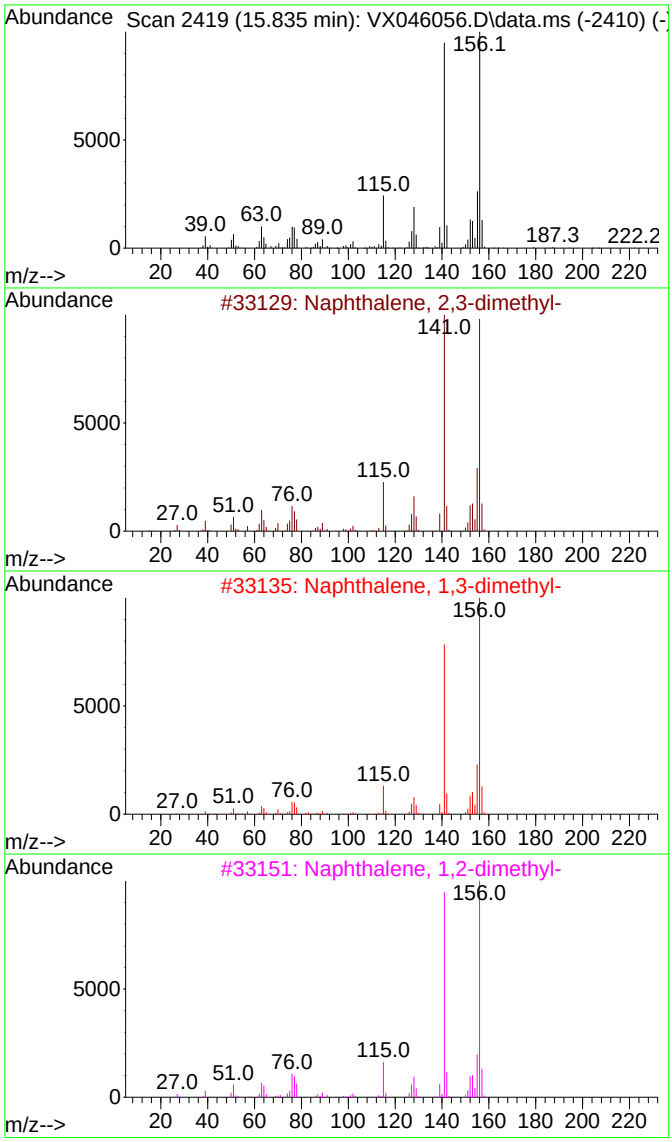
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260

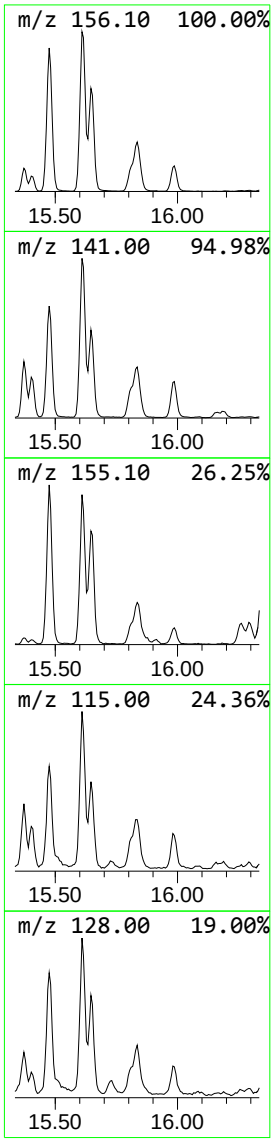
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.835	58.73 ug/l	465398	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046056.D
Acq On : 06 May 2025 12:15
Operator : JC/MD
Sample : Q1945-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GB3W

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
Cyclohexane, 1,...	8.970	36.7	ug/l	303322	3	10.049	413455	50.0
unknown10.775	10.775	39.9	ug/l	329813	3	10.049	413455	50.0
Benzene, 1-ethe...	12.244	51.4	ug/l	406942	4	12.018	396192	50.0
Benzene, 4-ethy...	12.610	57.8	ug/l	458062	4	12.018	396192	50.0
Benzene, 1-ethe...	12.695	65.5	ug/l	518620	4	12.018	396192	50.0
Benzene, 1,2,4,...	12.921	45.9	ug/l	363998	4	12.018	396192	50.0
Benzene, 2-bute...	13.286	174.3	ug/l	1381050	4	12.018	396192	50.0
Benzene, (2-met...	13.664	69.2	ug/l	548099	4	12.018	396192	50.0
1H-Indene, 2,3-...	14.213	51.0	ug/l	404133	4	12.018	396192	50.0
Naphthalene, 1,...	15.475	95.6	ug/l	757285	4	12.018	396192	50.0
Naphthalene, 2,...	15.609	112.2	ug/l	889054	4	12.018	396192	50.0
Naphthalene, 1,...	15.646	61.6	ug/l	488059	4	12.018	396192	50.0
Naphthalene, 1,...	15.835	58.7	ug/l	465398	4	12.018	396192	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Quant Time: May 07 01:44:41 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

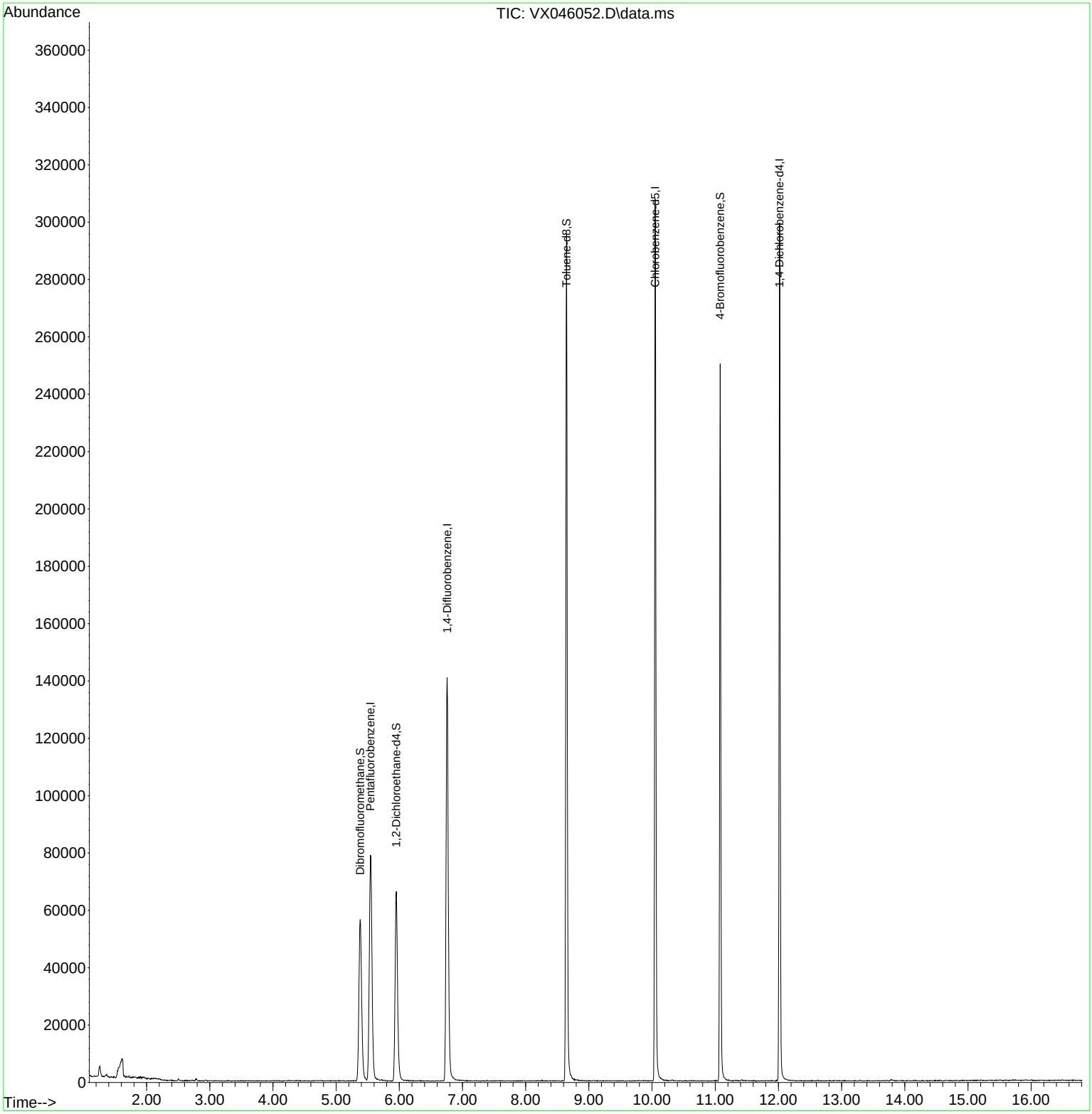
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	68197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136434	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	54743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67874	53.385	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.760%			
35) Dibromofluoromethane	5.379	113	49460	50.343	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.647	98	168818	49.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.300%			
62) 4-Bromofluorobenzene	11.079	95	64799	49.679	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.360%			
Target Compounds						Qvalue

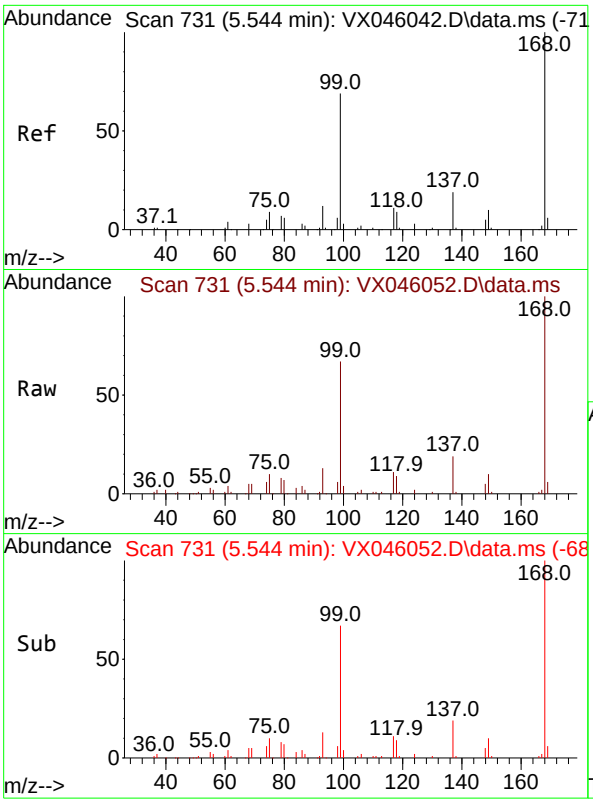
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Quant Time: May 07 01:44:41 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



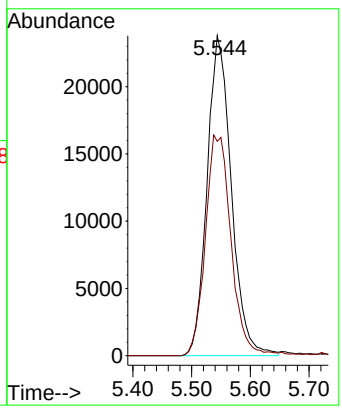


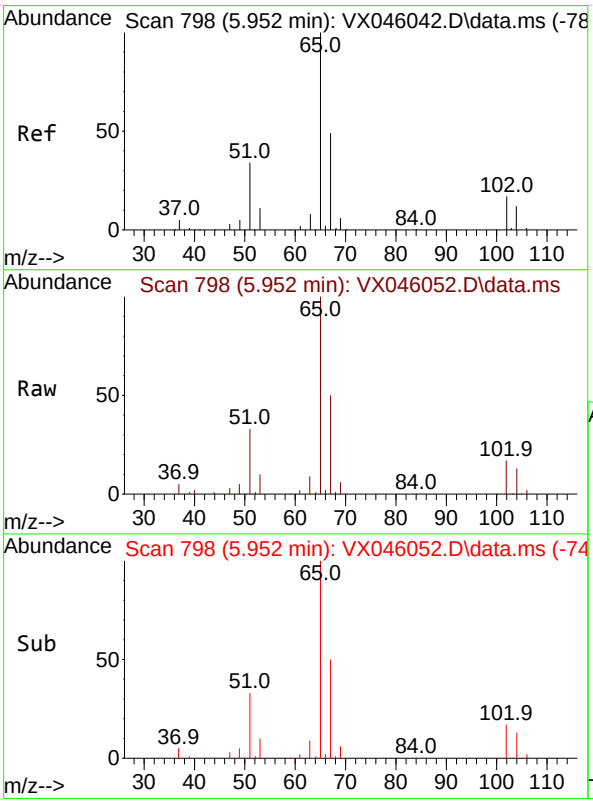
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Tgt Ion:168 Resp: 68197

Ion	Ratio	Lower	Upper
168	100		
99	67.0	54.9	82.3

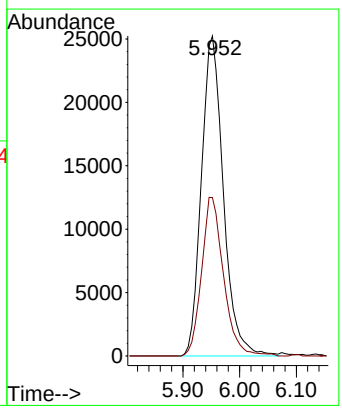


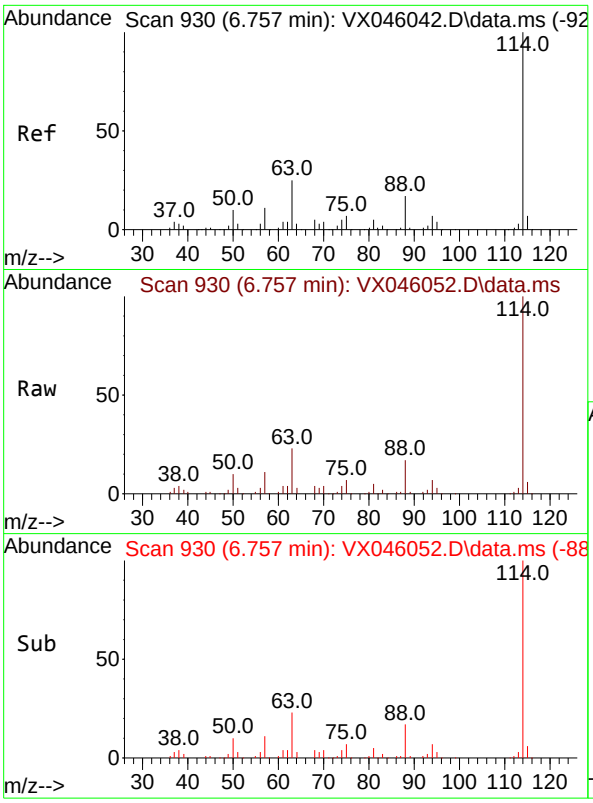


#33
1,2-Dichloroethane-d4
Concen: 53.385 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 65 Resp: 67874

Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	99.0



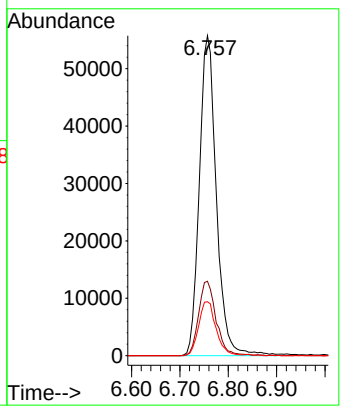


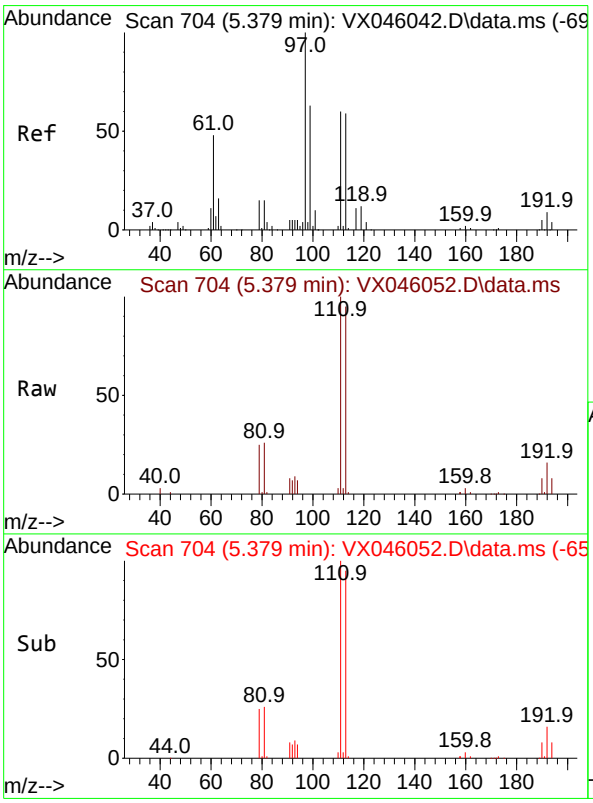
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Tgt Ion:114 Resp: 136434

Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	49.2
88	16.9	0.0	33.6

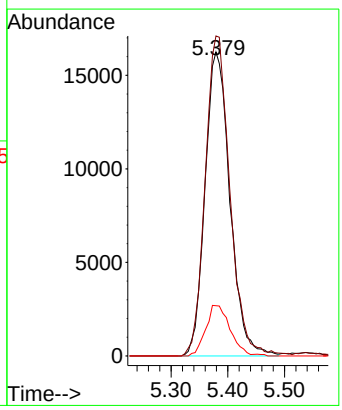


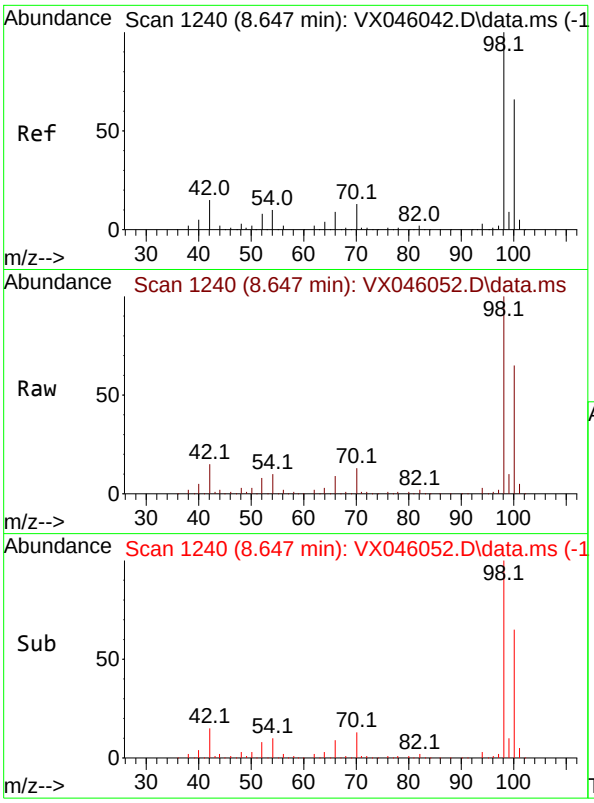


#35
Dibromofluoromethane
Concen: 50.343 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion:113 Resp: 49460

Ion	Ratio	Lower	Upper
113	100		
111	104.8	83.1	124.7
192	16.2	13.3	19.9



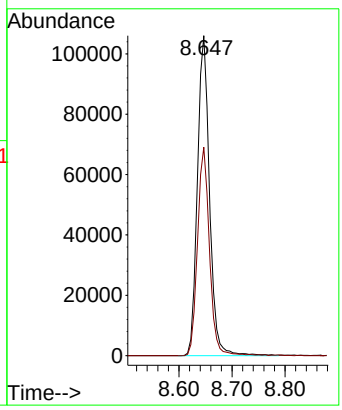


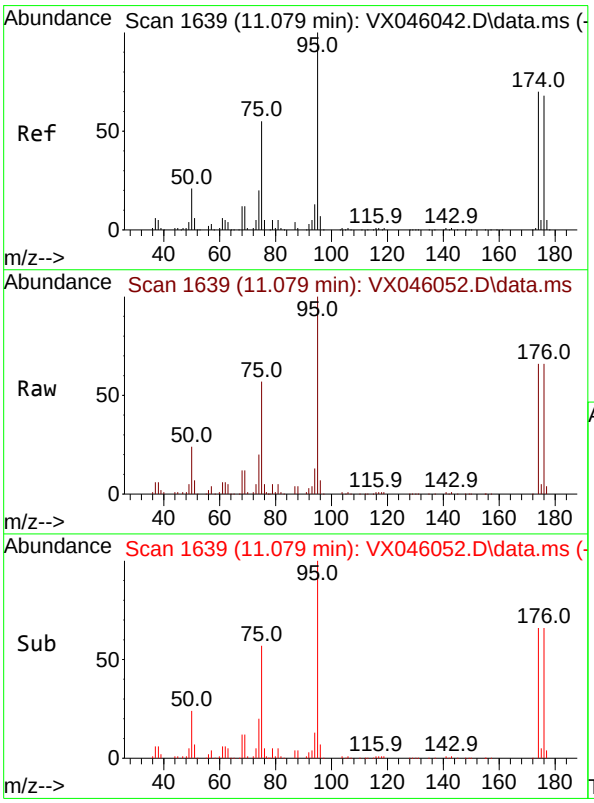
#50
Toluene-d8
Concen: 49.646 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Tgt Ion: 98 Resp: 168818

Ion	Ratio	Lower	Upper
98	100		
100	64.2	53.5	80.3

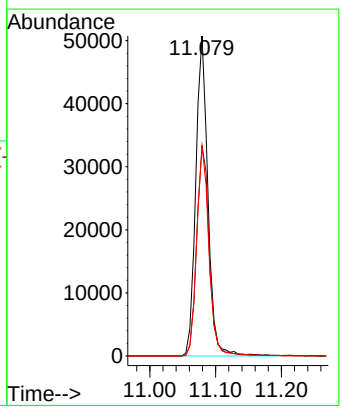


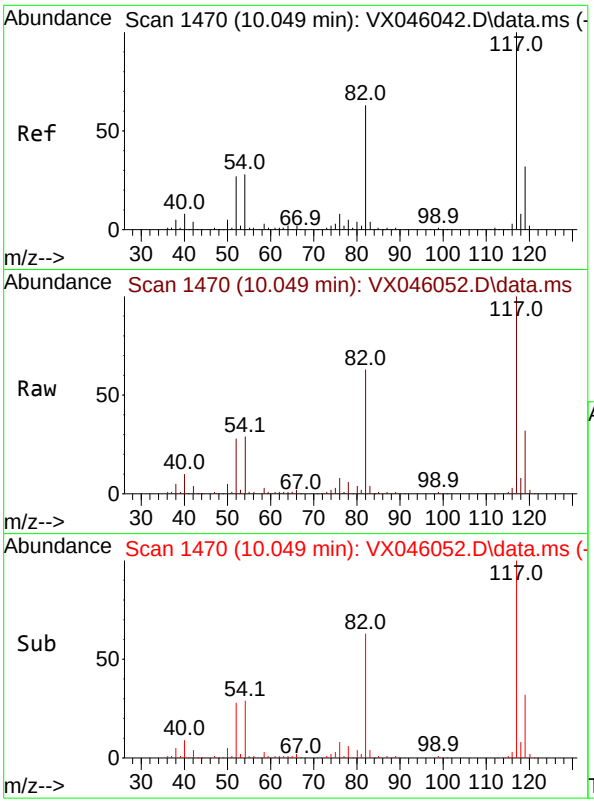


#62
4-Bromofluorobenzene
Concen: 49.679 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion: 95 Resp: 64799

Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	135.8
176	66.3	0.0	131.4



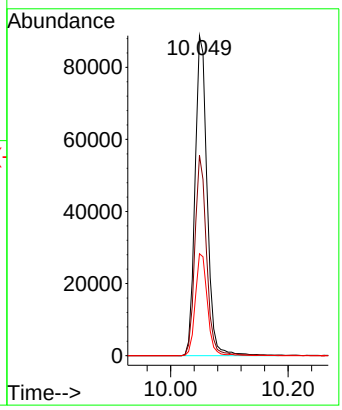


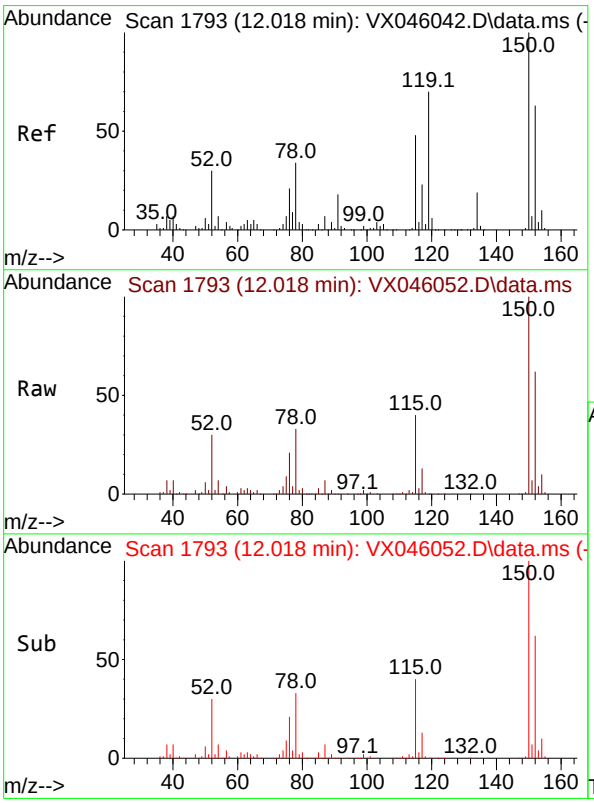
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

Tgt Ion:117 Resp: 126551

Ion	Ratio	Lower	Upper
117	100		
82	62.6	50.6	76.0
119	31.8	25.8	38.6

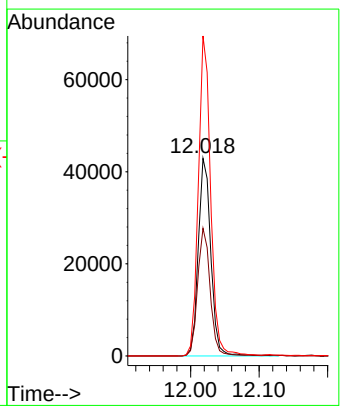




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046052.D
Acq: 06 May 2025 10:39

Tgt Ion:152 Resp: 54743

Ion	Ratio	Lower	Upper
152	100		
115	64.8	46.9	140.7
150	158.6	0.0	351.0



Sample Results: **VX046052.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

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: VX046052.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	23	28	34	rVB3	3615	6537	1.39%	0.259%
2	1.550	70	76	77	rBV3	3398	4820	1.03%	0.191%
3	5.379	694	704	716	rBV	56319	168290	35.79%	6.656%
4	5.544	721	731	748	rVV	78506	227924	48.48%	9.015%
5	5.952	788	798	817	rBV	66176	176964	37.64%	6.999%
6	6.757	921	930	951	rBV	140655	345848	73.56%	13.679%
7	8.647	1234	1240	1250	rBV	295223	470150	100.00%	18.596%
8	10.049	1465	1470	1485	rBV	307446	429030	91.25%	16.969%
9	11.079	1634	1639	1660	rBV	250058	323625	68.83%	12.800%
10	12.018	1788	1793	1807	rBV	299178	375091	79.78%	14.836%

Sum of corrected areas: 2528279

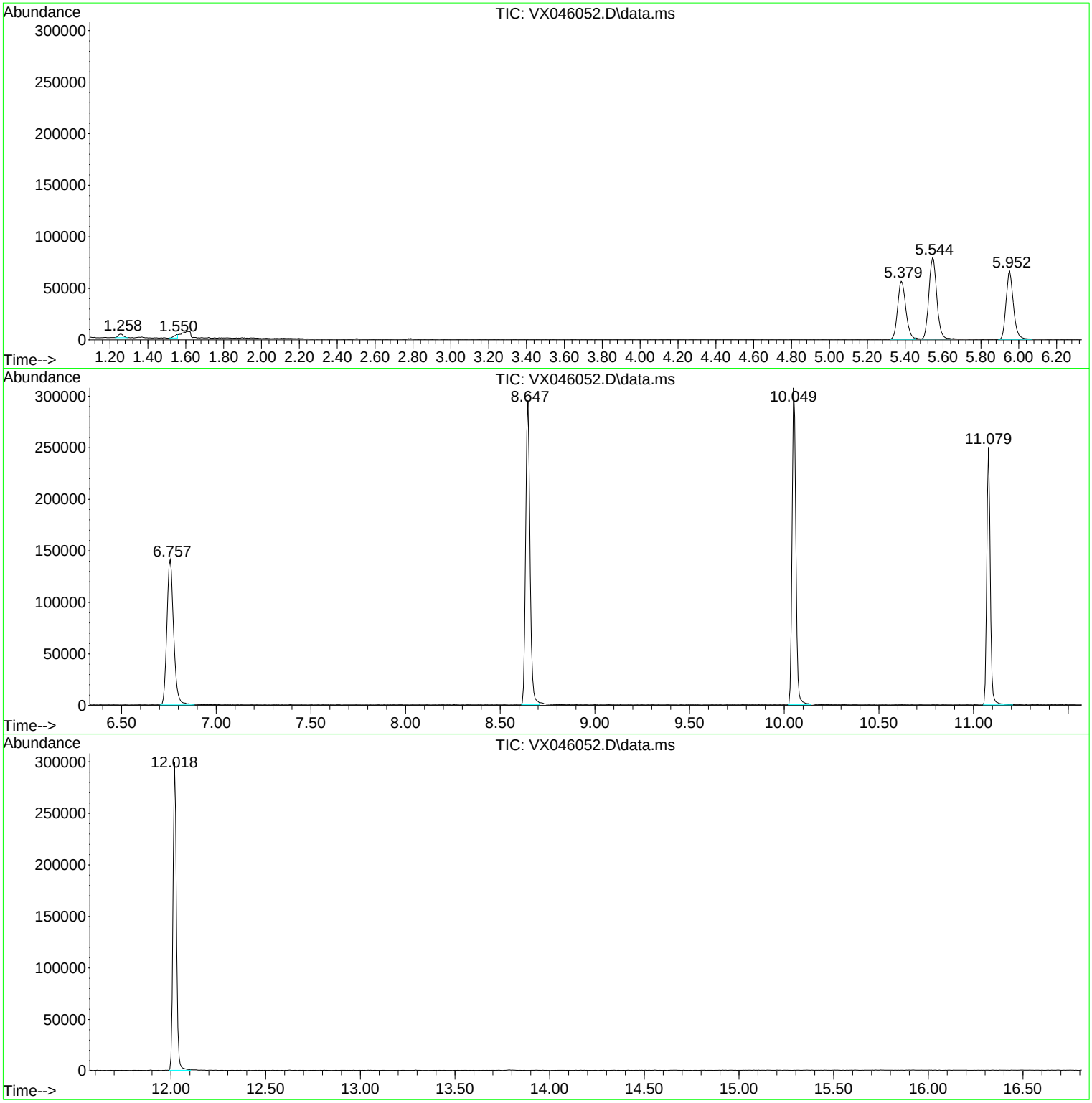
Sample Results: **VX046052.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

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\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

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\VX050625\
Data File : VX046052.D
Acq On : 06 May 2025 10:39
Operator : JC/MD
Sample : VX0506WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0506WBL01

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\VX050625\
Data File : VX046053.D
Acq On : 06 May 2025 11:02
Operator : JC/MD
Sample : VX0506WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 01:44:52 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 :
VX0506WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	94779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165135	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	143077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80151	45.360	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.720%			
35) Dibromofluoromethane	5.379	113	53703	45.161	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 90.320%			
50) Toluene-d8	8.647	98	187513	45.559	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.120%			
62) 4-Bromofluorobenzene	11.079	95	70646	44.748	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	29842	20.571	ug/l	98
3) Chloromethane	1.307	50	26802	19.052	ug/l	98
4) Vinyl Chloride	1.374	62	24374	18.616	ug/l	99
5) Bromomethane	1.599	94	12247	20.168	ug/l	96
6) Chloroethane	1.679	64	14554	20.823	ug/l	90
7) Trichlorofluoromethane	1.880	101	37359	19.307	ug/l	95
8) Diethyl Ether	2.130	74	12265	18.620	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	22821	19.058	ug/l	99
10) Methyl Iodide	2.447	142	27504	19.411	ug/l	98
11) Tert butyl alcohol	2.965	59	24135	97.306	ug/l	99
12) 1,1-Dichloroethene	2.313	96	21026	18.709	ug/l	95
13) Acrolein	2.233	56	26013	92.092	ug/l	98
14) Allyl chloride	2.660	41	41294	19.226	ug/l	99
15) Acrylonitrile	3.062	53	68918	97.173	ug/l	99
16) Acetone	2.380	43	67239	94.906	ug/l	99
17) Carbon Disulfide	2.508	76	49862	18.714	ug/l	100
18) Methyl Acetate	2.703	43	31367	19.079	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	74958	19.024	ug/l	99
20) Methylene Chloride	2.782	84	24570	18.097	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	21368	18.906	ug/l	94
22) Diisopropyl ether	3.764	45	79380	19.133	ug/l	95
23) Vinyl Acetate	3.721	43	353300	96.818	ug/l	98
24) 1,1-Dichloroethane	3.605	63	45207	19.563	ug/l	98
25) 2-Butanone	4.556	43	100376	97.589	ug/l	97
26) 2,2-Dichloropropane	4.471	77	34362	18.998	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	25848	18.998	ug/l	99
28) Bromochloromethane	4.891	49	21769	19.571	ug/l	99
29) Tetrahydrofuran	5.007	42	64787	100.520	ug/l	98
30) Chloroform	5.086	83	47093	19.552	ug/l	94
31) Cyclohexane	5.464	56	39814	18.907	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	40799	19.540	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29576	18.511	ug/l	97
37) Ethyl Acetate	4.715	43	37538	19.016	ug/l	99
38) Carbon Tetrachloride	5.672	117	34377	19.149	ug/l	97
39) Methylcyclohexane	7.373	83	37771	18.363	ug/l	97
40) Benzene	6.031	78	91272	19.503	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046053.D
Acq On : 06 May 2025 11:02
Operator : JC/MD
Sample : VX0506WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 01:44:52 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 :
VX0506WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	21027	20.363	ug/l		98
42) 1,2-Dichloroethane	6.086	62	39648	19.630	ug/l		99
43) Isopropyl Acetate	6.342	43	57540	19.107	ug/l		100
44) Trichloroethene	7.123	130	21316	18.924	ug/l		93
45) 1,2-Dichloropropane	7.428	63	23126	19.873	ug/l		97
46) Dibromomethane	7.580	93	17557	19.129	ug/l		99
47) Bromodichloromethane	7.818	83	35558	19.670	ug/l		99
48) Methyl methacrylate	7.696	41	29597	19.244	ug/l		98
49) 1,4-Dioxane	7.659	88	12031	411.992	ug/l		99
51) 4-Methyl-2-Pentanone	8.574	43	198101	99.102	ug/l		98
52) Toluene	8.714	92	56082	19.543	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	30141	18.759	ug/l		95
54) cis-1,3-Dichloropropene	8.366	75	34323	19.327	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	21969	19.416	ug/l		96
56) Ethyl methacrylate	9.116	69	35057	19.439	ug/l		99
57) 1,3-Dichloropropane	9.305	76	40197	19.781	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.238	63	77900	84.730	ug/l		99
59) 2-Hexanone	9.427	43	149133	100.840	ug/l		99
60) Dibromochloromethane	9.519	129	24935	20.066	ug/l		96
61) 1,2-Dibromoethane	9.610	107	22658	19.266	ug/l		96
64) Tetrachloroethene	9.269	164	18682	18.454	ug/l		96
65) Chlorobenzene	10.079	112	59206	18.906	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	20627	19.289	ug/l		99
67) Ethyl Benzene	10.189	91	107199	19.419	ug/l		99
68) m/p-Xylenes	10.299	106	79877	39.563	ug/l		100
69) o-Xylene	10.640	106	39534	20.085	ug/l		100
70) Styrene	10.653	104	63683	19.751	ug/l		98
71) Bromoform	10.799	173	14863	18.513	ug/l	#	95
73) Isopropylbenzene	10.957	105	102824	19.580	ug/l		100
74) N-amyl acetate	10.842	43	50404	19.424	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35972	19.547	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	30359m	18.698	ug/l		
77) Bromobenzene	11.195	156	23562	19.326	ug/l		98
78) n-propylbenzene	11.299	91	117723	19.279	ug/l		99
79) 2-Chlorotoluene	11.360	91	75252	19.107	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	88765	20.232	ug/l		98
81) trans-1,4-Dichloro-2-b...	11.018	75	7991	16.023	ug/l		89
82) 4-Chlorotoluene	11.451	91	84322	19.306	ug/l		99
83) tert-Butylbenzene	11.713	119	85760	19.406	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	87102	19.605	ug/l		100
85) sec-Butylbenzene	11.890	105	106185	19.570	ug/l		99
86) p-Isopropyltoluene	12.006	119	86589	19.333	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	42117	18.928	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	42936	18.895	ug/l		98
89) n-Butylbenzene	12.329	91	73079	18.601	ug/l		99
90) Hexachloroethane	12.536	117	14865	18.839	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	43138	19.320	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7940	19.476	ug/l		99
93) 1,2,4-Trichlorobenzene	13.585	180	23280	18.153	ug/l		98
94) Hexachlorobutadiene	13.725	225	10620	18.961	ug/l		97
95) Naphthalene	13.774	128	85651	18.210	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	24052	18.176	ug/l		97

Sample Results: **VX046053.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046053.D
Acq On : 06 May 2025 11:02
Operator : JC/MD
Sample : VX0506WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 01:44:52 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 :
VX0506WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

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

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

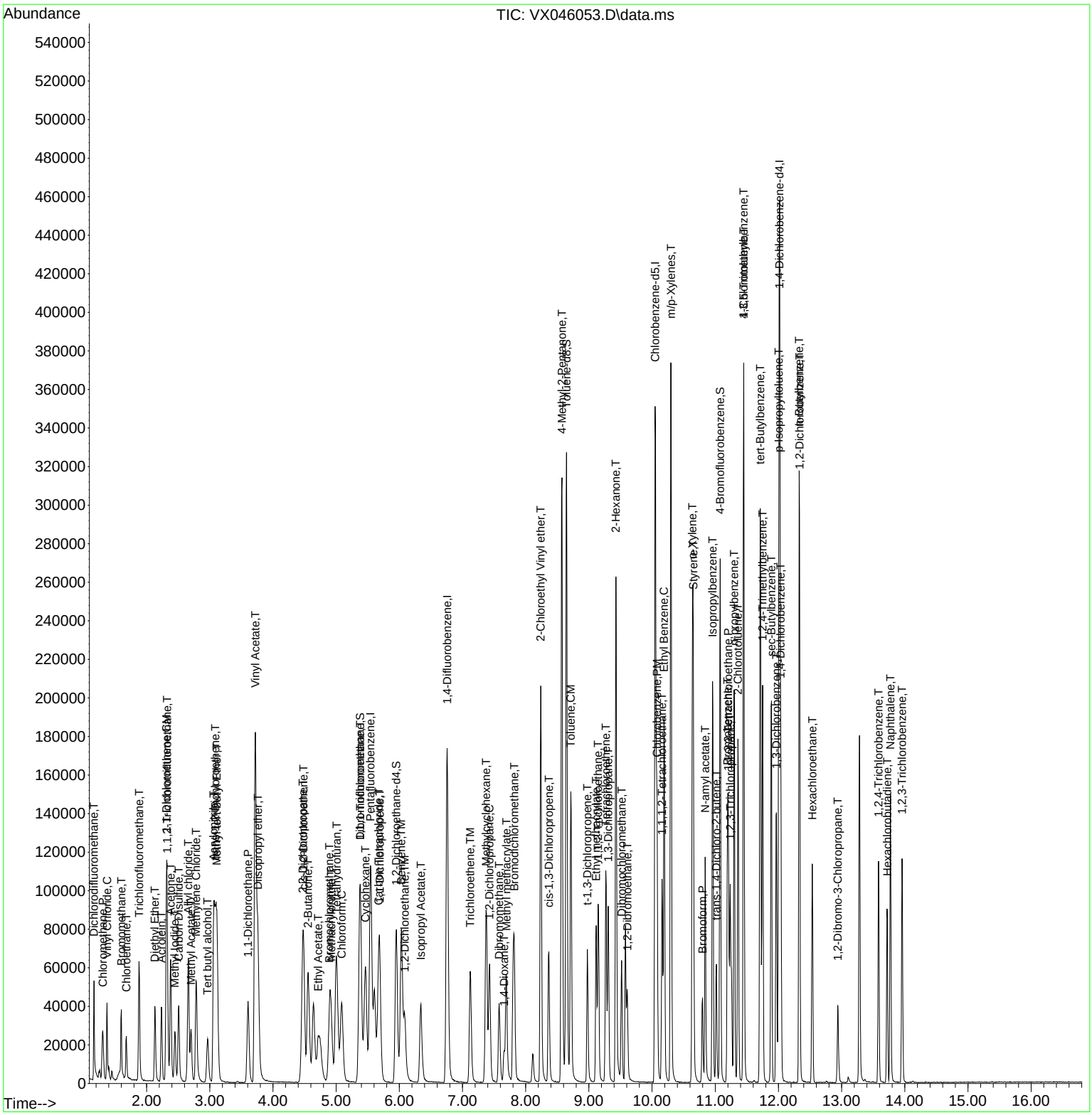
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046053.D
Acq On : 06 May 2025 11:02
Operator : JC/MD
Sample : VX0506WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 07 01:44:52 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 :
VX0506WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046054.D
Acq On : 06 May 2025 11:29
Operator : JC/MD
Sample : VX0506WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:45:11 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 :
VX0506WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	95217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162321	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	142687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	81941	46.160	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 92.320%			
35) Dibromofluoromethane	5.379	113	55341	47.345	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.700%			
50) Toluene-d8	8.647	98	188671	46.635	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.280%			
62) 4-Bromofluorobenzene	11.079	95	71223	45.895	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.800%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	28815	19.772	ug/l	99
3) Chloromethane	1.307	50	26333	18.633	ug/l	95
4) Vinyl Chloride	1.374	62	23158	17.606	ug/l	97
5) Bromomethane	1.593	94	11526	18.893	ug/l	97
6) Chloroethane	1.672	64	13477	19.193	ug/l	93
7) Trichlorofluoromethane	1.880	101	37571	19.327	ug/l	97
8) Diethyl Ether	2.130	74	12373	18.697	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	22515	18.716	ug/l	99
10) Methyl Iodide	2.447	142	27209	19.115	ug/l	99
11) Tert butyl alcohol	2.965	59	24597	98.713	ug/l	99
12) 1,1-Dichloroethene	2.313	96	20675	18.312	ug/l	98
13) Acrolein	2.233	56	31582	111.293	ug/l	97
14) Allyl chloride	2.660	41	39928	18.504	ug/l	99
15) Acrylonitrile	3.062	53	71232	99.974	ug/l	98
16) Acetone	2.380	43	67868	95.353	ug/l	98
17) Carbon Disulfide	2.508	76	48023	17.941	ug/l	98
18) Methyl Acetate	2.703	43	33221	20.114	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	76135	19.234	ug/l	99
20) Methylene Chloride	2.782	84	25043	18.361	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	21153	18.630	ug/l	93
22) Diisopropyl ether	3.757	45	80331	19.273	ug/l	95
23) Vinyl Acetate	3.715	43	365269	99.638	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44544	19.187	ug/l	98
25) 2-Butanone	4.550	43	103197	99.870	ug/l	98
26) 2,2-Dichloropropane	4.465	77	32599	17.940	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	25987	19.012	ug/l	99
28) Bromochloromethane	4.891	49	22078	19.757	ug/l	99
29) Tetrahydrofuran	5.001	42	64613	99.789	ug/l	99
30) Chloroform	5.086	83	46165	19.078	ug/l	93
31) Cyclohexane	5.464	56	39105	18.485	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	39607	18.882	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29805	18.978	ug/l	99
37) Ethyl Acetate	4.715	43	38343	19.761	ug/l	99
38) Carbon Tetrachloride	5.666	117	33719	19.109	ug/l	98
39) Methylcyclohexane	7.373	83	37713	18.652	ug/l	98
40) Benzene	6.031	78	89819	19.525	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046054.D
Acq On : 06 May 2025 11:29
Operator : JC/MD
Sample : VX0506WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:45:11 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 :
VX0506WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.916	41	22511	22.178	ug/l		97
42) 1,2-Dichloroethane	6.080	62	40112	20.204	ug/l		100
43) Isopropyl Acetate	6.336	43	60920	20.580	ug/l		99
44) Trichloroethene	7.123	130	21097	19.055	ug/l		91
45) 1,2-Dichloropropane	7.427	63	21717	18.986	ug/l		99
46) Dibromomethane	7.580	93	18104	20.067	ug/l		98
47) Bromodichloromethane	7.818	83	35459	19.956	ug/l		97
48) Methyl methacrylate	7.690	41	31471	20.817	ug/l		99
49) 1,4-Dioxane	7.659	88	12631	440.037	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	205502	104.586	ug/l		98
52) Toluene	8.714	92	55937	19.831	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	31443	19.908	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	34562	19.799	ug/l		95
55) 1,1,2-Trichloroethane	9.147	97	22999	20.678	ug/l		97
56) Ethyl methacrylate	9.116	69	35980	20.297	ug/l		99
57) 1,3-Dichloropropane	9.305	76	39873	19.962	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	102755	113.701	ug/l		100
59) 2-Hexanone	9.427	43	154737	106.443	ug/l		98
60) Dibromochloromethane	9.519	129	24301	19.895	ug/l		98
61) 1,2-Dibromoethane	9.610	107	23894	20.669	ug/l		100
64) Tetrachloroethene	9.269	164	18597	18.421	ug/l		95
65) Chlorobenzene	10.073	112	59206	18.958	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20507	19.230	ug/l		99
67) Ethyl Benzene	10.189	91	105901	19.237	ug/l		99
68) m/p-Xylenes	10.299	106	78722	39.098	ug/l		99
69) o-Xylene	10.640	106	38492	19.609	ug/l		96
70) Styrene	10.653	104	64448	20.043	ug/l		100
71) Bromoform	10.799	173	15529	19.395	ug/l	#	98
73) Isopropylbenzene	10.957	105	103246	19.588	ug/l		99
74) N-amyl acetate	10.842	43	51152	19.639	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	36831	19.940	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	31853m	19.546	ug/l		
77) Bromobenzene	11.195	156	23199	18.958	ug/l		99
78) n-propylbenzene	11.299	91	118537	19.341	ug/l		99
79) 2-Chlorotoluene	11.360	91	75397	19.073	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	86752	19.701	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8682	17.345	ug/l		90
82) 4-Chlorotoluene	11.451	91	84871	19.360	ug/l		99
83) tert-Butylbenzene	11.713	119	86117	19.415	ug/l		100
84) 1,2,4-Trimethylbenzene	11.750	105	86058	19.299	ug/l		98
85) sec-Butylbenzene	11.890	105	105506	19.373	ug/l		99
86) p-Isopropyltoluene	12.006	119	87277	19.415	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	42566	19.060	ug/l		100
88) 1,4-Dichlorobenzene	12.036	146	43489	19.068	ug/l		99
89) n-Butylbenzene	12.329	91	75753	19.211	ug/l		98
90) Hexachloroethane	12.536	117	14586	18.417	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	44477	19.846	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8331	20.360	ug/l		98
93) 1,2,4-Trichlorobenzene	13.585	180	24099	18.722	ug/l		98
94) Hexachlorobutadiene	13.725	225	10992	19.553	ug/l		97
95) Naphthalene	13.774	128	89284	18.912	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	24772	18.651	ug/l		99

Sample Results: **VX046054.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046054.D
Acq On : 06 May 2025 11:29
Operator : JC/MD
Sample : VX0506WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:45:11 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 :
VX0506WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025

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

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

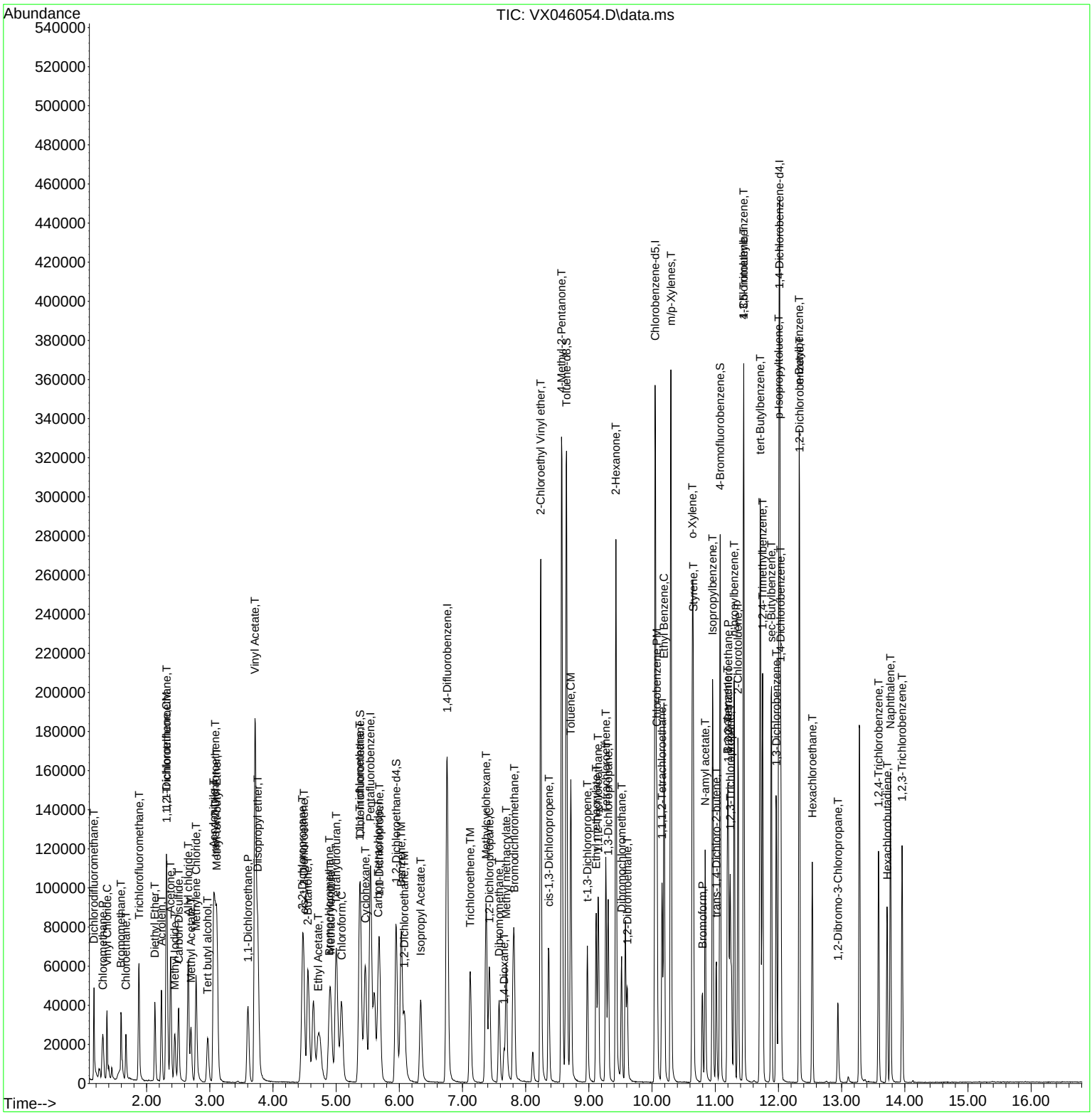
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050625\
Data File : VX046054.D
Acq On : 06 May 2025 11:29
Operator : JC/MD
Sample : VX0506WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 07 01:45:11 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 :
VX0506WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 05/07/2025
Supervised By :Mahesh Dadoda 05/07/2025



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:	VX050625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046050.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:45:18 AM	MMDadoda	5/7/2025 1:28:37 PM	Peak Integrated by Software
VX0506WBS01	VX046053.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:45:22 AM	MMDadoda	5/7/2025 1:28:34 PM	Peak Integrated by Software
VX0506WBSD01	VX046054.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:45:27 AM	MMDadoda	5/7/2025 1:28:31 PM	Peak Integrated by Software
VSTDCCC050	VX046066.D	1,2,3-Trichloropropane	JOHN	5/7/2025 9:45:43 AM	MMDadoda	5/7/2025 1:28:18 PM	Peak Integrated by Software

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

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

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050625

Review By	John Carlone	Review On	5/7/2025 9:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:28:40 PM		
SubDirectory	VX050625	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133829
Initial Calibration Stds	
CCC	VP133830,VP133831
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046049.D	06 May 2025 09:07	JC/MD	Ok
2	VSTDCCC050	VX046050.D	06 May 2025 09:48	JC/MD	Ok,M
3	VX0506MBL01	VX046051.D	06 May 2025 10:15	JC/MD	Ok
4	VX0506WBL01	VX046052.D	06 May 2025 10:39	JC/MD	Ok
5	VX0506WBS01	VX046053.D	06 May 2025 11:02	JC/MD	Ok,M
6	VX0506WBSD01	VX046054.D	06 May 2025 11:29	JC/MD	Ok,M
7	Q1945-01	VX046055.D	06 May 2025 11:52	JC/MD	Ok
8	Q1945-02	VX046056.D	06 May 2025 12:15	JC/MD	Ok
9	IBLK	VX046057.D	06 May 2025 12:39	JC/MD	Ok
10	IBLK	VX046058.D	06 May 2025 13:02	JC/MD	Ok
11	PB167852TB	VX046059.D	06 May 2025 13:25	JC/MD	Ok
12	PB167852ZHE#01	VX046060.D	06 May 2025 13:48	JC/MD	Ok
13	PB167852ZHE#02	VX046061.D	06 May 2025 14:12	JC/MD	Ok
14	PB167852ZHE#03	VX046062.D	06 May 2025 14:35	JC/MD	Ok
15	PB167852ZHE#04	VX046063.D	06 May 2025 14:58	JC/MD	Ok
16	PB167852ZHE#05	VX046064.D	06 May 2025 15:22	JC/MD	Ok,M
17	PB167852ZHE#06	VX046065.D	06 May 2025 15:45	JC/MD	Ok,M
18	VSTDCCC050	VX046066.D	06 May 2025 16:17	JC/MD	Ok,M

M : Manual Integration

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

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

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050625

Review By	John Carlone	Review On	5/7/2025 9:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:28:40 PM		
SubDirectory	VX050625	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133829
Initial Calibration Stds	
CCC	VP133830,VP133831
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	VX046049.D	06 May 2025 09:07		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046050.D	06 May 2025 09:48	pH#Lot#V12668	JC/MD	Ok,M
3	VX0506MBL01	VX0506MBL01	VX046051.D	06 May 2025 10:15		JC/MD	Ok
4	VX0506WBL01	VX0506WBL01	VX046052.D	06 May 2025 10:39		JC/MD	Ok
5	VX0506WBS01	VX0506WBS01	VX046053.D	06 May 2025 11:02		JC/MD	Ok,M
6	VX0506WBSD01	VX0506WBSD01	VX046054.D	06 May 2025 11:29		JC/MD	Ok,M
7	Q1945-01	GB1W	VX046055.D	06 May 2025 11:52	vial A pH<2	JC/MD	Ok
8	Q1945-02	GB3W	VX046056.D	06 May 2025 12:15	vial A+B pH<2	JC/MD	Ok
9	IBLK	IBLK	VX046057.D	06 May 2025 12:39		JC/MD	Ok
10	IBLK	IBLK	VX046058.D	06 May 2025 13:02		JC/MD	Ok
11	PB167852TB	PB167852TB	VX046059.D	06 May 2025 13:25		JC/MD	Ok
12	PB167852ZHE#01	PB167852ZHE#01	VX046060.D	06 May 2025 13:48		JC/MD	Ok
13	PB167852ZHE#02	PB167852ZHE#02	VX046061.D	06 May 2025 14:12		JC/MD	Ok
14	PB167852ZHE#03	PB167852ZHE#03	VX046062.D	06 May 2025 14:35		JC/MD	Ok
15	PB167852ZHE#04	PB167852ZHE#04	VX046063.D	06 May 2025 14:58		JC/MD	Ok
16	PB167852ZHE#05	PB167852ZHE#05	VX046064.D	06 May 2025 15:22		JC/MD	Ok,M
17	PB167852ZHE#06	PB167852ZHE#06	VX046065.D	06 May 2025 15:45		JC/MD	Ok,M
18	VSTDCCC050	VSTDCCC050EC	VX046066.D	06 May 2025 16:17		JC/MD	Ok,M

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

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX050625

Review By	John Carlone	Review On	5/7/2025 9:47:51 AM		
Supervise By	Mahesh Dadoda	Supervise On	5/7/2025 1:28:40 PM		
SubDirectory	VX050625	HP Acquire Method		HP Processing Method	82X050525W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133829
Initial Calibration Stds	
CCC	VP133830,VP133831
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

M : Manual Integration

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

LAB CHRONICLE

OrderID:	Q1945	**OrderDate:**	5/2/2025 11:14:00 AM
Client:	G Environmental	**Project:**	Amsterdam
Contact:	Gary Landis	**Location:**	L41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1945-01	**GB1W**	**Water**			**05/02/25**			**05/02/25**
			VOCMS Group1	8260-Low			05/06/25	
Q1945-02	**GB3W**	**Water**			**05/02/25**			**05/02/25**
			VOCMS Group1	8260-Low			05/06/25	