

Hit Summary Sheet
SW-846

SDG No.: Q1762
Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	MW4							
Q1762-01	MW4	Water	Acetone	10.4	J	1.50	25.0	ug/L
Q1762-01	MW4	Water	Cyclohexane	96.3		1.50	5.00	ug/L
Q1762-01	MW4	Water	Methylcyclohexane	430	E	0.16	5.00	ug/L
Q1762-01	MW4	Water	Benzene	1.60	J	0.15	5.00	ug/L
Q1762-01	MW4	Water	Toluene	0.98	J	0.14	5.00	ug/L
Q1762-01	MW4	Water	Ethyl Benzene	9.80		0.13	5.00	ug/L
Q1762-01	MW4	Water	m/p-Xylenes	1.50	J	0.24	10.0	ug/L
Q1762-01	MW4	Water	o-Xylene	0.52	J	0.12	5.00	ug/L
Q1762-01	MW4	Water	Isopropylbenzene	19.5		0.12	5.00	ug/L
Total Voc :				571				
Q1762-01	MW4	Water	Naphthalene, 1-methyl-	* 73.3	J	0	0	ug/L
Q1762-01	MW4	Water	Pentane, 3-methyl-	* 97.0	J	0	0	ug/L
Q1762-01	MW4	Water	Cyclopentane, methyl-	* 86.4	J	0	0	ug/L
Q1762-01	MW4	Water	Pentane, 2-methyl-	* 150	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 2-propenyl-	* 150	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 1,2,3,5-tetramethyl-	* 140	J	0	0	ug/L
Q1762-01	MW4	Water	Hexane, 3-methyl-	* 93.3	J	0	0	ug/L
Q1762-01	MW4	Water	Indan, 1-methyl-	* 130	J	0	0	ug/L
Q1762-01	MW4	Water	Isopropylcyclobutane	* 140	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 1-ethyl-2,3-dimethyl-	* 240	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 2-butenyl-	* 210	J	0	0	ug/L
Q1762-01	MW4	Water	Cyclopentane, 1,3-dimethyl-	* 92.4	J	0	0	ug/L
Q1762-01	MW4	Water	Cyclopentane, 1,3-dimethyl-, ci	* 120	J	0	0	ug/L
Q1762-01	MW4	Water	2-Hexene, 2-methyl-	* 82.5	J	0	0	ug/L
Q1762-01	MW4	Water	Benzene, 1-ethenyl-4-ethyl-	* 96.8	J	0	0	ug/L
Q1762-01	MW4	Water	n-propylbenzene	* 77.4	J	0.13	5.00	ug/L
Q1762-01	MW4	Water	tert-Butylbenzene	* 2.70	J	0.14	5.00	ug/L
Q1762-01	MW4	Water	sec-Butylbenzene	* 21.2	J	0.13	5.00	ug/L
Q1762-01	MW4	Water	p-Isopropyltoluene	* 2.80	J	0.13	5.00	ug/L
Q1762-01	MW4	Water	n-Butylbenzene	* 46.4	J	0.15	5.00	ug/L
Q1762-01	MW4	Water	Naphthalene	* 2.80	J	0.20	5.00	ug/L
Total Tics :				2060				
Total Concentration:				2630				
Client ID:	MW4DL							
Q1762-01DL	MW4DL	Water	Acetone	19.0	JD	7.60	130	ug/L
Q1762-01DL	MW4DL	Water	Cyclohexane	110	D	7.30	25.0	ug/L

Hit Summary Sheet SW-846

SDG No.: Q1762

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1762-01DL	MW4DL	Water	Methylcyclohexane	450	D	0.80	25.0	ug/L
Q1762-01DL	MW4DL	Water	Ethyl Benzene	12.1	JD	0.65	25.0	ug/L
Q1762-01DL	MW4DL	Water	Isopropylbenzene	24.6	JD	0.60	25.0	ug/L
Total Voc :				616				
Total Concentration:				616				
Client ID:	MW5							
Q1762-02	MW5	Water	Acetone	56.1		1.50	25.0	ug/L
Q1762-02	MW5	Water	Cyclohexane	61.9		1.50	5.00	ug/L
Q1762-02	MW5	Water	Methylcyclohexane	74.4		0.16	5.00	ug/L
Q1762-02	MW5	Water	Benzene	14.4		0.15	5.00	ug/L
Q1762-02	MW5	Water	Toluene	2.40	J	0.14	5.00	ug/L
Q1762-02	MW5	Water	Ethyl Benzene	2.00	J	0.13	5.00	ug/L
Q1762-02	MW5	Water	m/p-Xylenes	3.80	J	0.24	10.0	ug/L
Q1762-02	MW5	Water	o-Xylene	1.40	J	0.12	5.00	ug/L
Q1762-02	MW5	Water	Isopropylbenzene	27.8		0.12	5.00	ug/L
Total Voc :				244				
Q1762-02	MW5	Water	Butane, 2-methyl-	* 140	J	0	0	ug/L
Q1762-02	MW5	Water	Pentane, 3-methyl-	* 230	J	0	0	ug/L
Q1762-02	MW5	Water	Cyclopentane, methyl-	* 390	J	0	0	ug/L
Q1762-02	MW5	Water	Pentane, 2-methyl-	* 160	J	0	0	ug/L
Q1762-02	MW5	Water	Pentane	* 64.6	J	0	0	ug/L
Q1762-02	MW5	Water	Naphthalene, 1,6-dimethyl-	* 79.0	J	0	0	ug/L
Q1762-02	MW5	Water	Naphthalene, 2,3-dimethyl-	* 92.2	J	0	0	ug/L
Q1762-02	MW5	Water	Hexane, 3-methyl-	* 96.4	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 1-ethenyl-2-methyl-	* 110	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 4-ethyl-1,2-dimethyl-	* 91.4	J	0	0	ug/L
Q1762-02	MW5	Water	Cyclopentene, 4-methyl-	* 66.0	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 2-ethenyl-1,3-dimethyl-	* 150	J	0	0	ug/L
Q1762-02	MW5	Water	Benzene, 1-ethenyl-3-ethyl-	* 73.8	J	0	0	ug/L
Q1762-02	MW5	Water	n-propylbenzene	* 55.2	J	0.13	5.00	ug/L
Q1762-02	MW5	Water	tert-Butylbenzene	* 1.30	J	0.14	5.00	ug/L
Q1762-02	MW5	Water	1,2,4-Trimethylbenzene	* 0.44	J	0.14	5.00	ug/L
Q1762-02	MW5	Water	sec-Butylbenzene	* 8.20	J	0.13	5.00	ug/L
Q1762-02	MW5	Water	n-Butylbenzene	* 12.8	J	0.15	5.00	ug/L
Total Tics :				1820				
Total Concentration:				2070				



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4	SDG No.:	Q1762
Lab Sample ID:	Q1762-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045681.D	1		04/09/25 17:16	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	10.4	J	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	96.3		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	430	E	0.16	5.00	ug/L
71-43-2	Benzene	1.60	J	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.98	J	0.14	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4	SDG No.:	Q1762
Lab Sample ID:	Q1762-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045681.D	1		04/09/25 17:16	VX040925

[illegible]

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4	SDG No.:	Q1762
Lab Sample ID:	Q1762-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045681.D	1		04/09/25 17:16	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000107-83-5	Pentane, 2-methyl-	150	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	97.0	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	86.4	J		4.29	ug/L
000589-34-4	Hexane, 3-methyl-	93.3	J		5.82	ug/L
002532-58-3	Cyclopentane, 1,3-dimethyl-, cis-	120	J		6.15	ug/L
002453-00-1	Cyclopentane, 1,3-dimethyl-	92.4	J		6.25	ug/L
000872-56-0	Isopropylcyclobutane	140	J		6.35	ug/L
002738-19-4	2-Hexene, 2-methyl-	82.5	J		6.84	ug/L
103-65-1	n-propylbenzene	77.4	J		11.3	ug/L
98-06-6	tert-Butylbenzene	2.70	J		11.7	ug/L
135-98-8	sec-Butylbenzene	21.2	J		11.9	ug/L
99-87-6	p-Isopropyltoluene	2.80	J		12.0	ug/L
000300-57-2	Benzene, 2-propenyl-	150	J		12.2	ug/L
104-51-8	n-Butylbenzene	46.4	J		12.3	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	240	J		12.6	ug/L
000767-58-8	Indan, 1-methyl-	130	J		12.7	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	140	J		12.9	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	96.8	J		13.2	ug/L
001560-06-1	Benzene, 2-butenyl-	210	J		13.3	ug/L
91-20-3	Naphthalene	2.80	J		13.8	ug/L
000090-12-0	Naphthalene, 1-methyl-	73.3	J		14.6	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4DL	SDG No.:	Q1762
Lab Sample ID:	Q1762-01DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045717.D	5		04/11/25 05:32	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	UD	1.10	25.0	ug/L
74-87-3	Chloromethane	1.60	UD	1.60	25.0	ug/L
75-01-4	Vinyl Chloride	1.30	UD	1.30	25.0	ug/L
74-83-9	Bromomethane	7.20	UD	7.20	25.0	ug/L
75-00-3	Chloroethane	2.40	UD	2.40	25.0	ug/L
75-69-4	Trichlorofluoromethane	1.70	UD	1.70	25.0	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	UD	1.30	25.0	ug/L
75-35-4	1,1-Dichloroethene	1.20	UD	1.20	25.0	ug/L
67-64-1	Acetone	19.0	JD	7.60	130	ug/L
75-15-0	Carbon Disulfide	1.10	UD	1.10	25.0	ug/L
1634-04-4	Methyl tert-butyl Ether	0.80	UD	0.80	25.0	ug/L
79-20-9	Methyl Acetate	1.40	UD	1.40	25.0	ug/L
75-09-2	Methylene Chloride	1.40	UD	1.40	25.0	ug/L
156-60-5	trans-1,2-Dichloroethene	1.20	UD	1.20	25.0	ug/L
75-34-3	1,1-Dichloroethane	1.20	UD	1.20	25.0	ug/L
110-82-7	Cyclohexane	110	D	7.30	25.0	ug/L
78-93-3	2-Butanone	4.90	UD	4.90	130	ug/L
56-23-5	Carbon Tetrachloride	1.30	UD	1.30	25.0	ug/L
156-59-2	cis-1,2-Dichloroethene	0.95	UD	0.95	25.0	ug/L
74-97-5	Bromochloromethane	1.10	UD	1.10	25.0	ug/L
67-66-3	Chloroform	1.30	UD	1.30	25.0	ug/L
71-55-6	1,1,1-Trichloroethane	1.00	UD	1.00	25.0	ug/L
108-87-2	Methylcyclohexane	450	D	0.80	25.0	ug/L
71-43-2	Benzene	0.75	UD	0.75	25.0	ug/L
107-06-2	1,2-Dichloroethane	1.10	UD	1.10	25.0	ug/L
79-01-6	Trichloroethene	0.47	UD	0.47	25.0	ug/L
78-87-5	1,2-Dichloropropane	1.00	UD	1.00	25.0	ug/L
75-27-4	Bromodichloromethane	1.10	UD	1.10	25.0	ug/L
108-10-1	4-Methyl-2-Pentanone	3.40	UD	3.40	130	ug/L
108-88-3	Toluene	0.70	UD	0.70	25.0	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	04/09/25	
Project:	ANN		Date Received:	04/09/25	
Client Sample ID:	MW4DL		SDG No.:	Q1762	
Lab Sample ID:	Q1762-01DL		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045717.D	5		04/11/25 05:32	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.85	UD	0.85	25.0	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.80	UD	0.80	25.0	ug/L
79-00-5	1,1,2-Trichloroethane	1.10	UD	1.10	25.0	ug/L
591-78-6	2-Hexanone	4.50	UD	4.50	130	ug/L
124-48-1	Dibromochloromethane	0.90	UD	0.90	25.0	ug/L
106-93-4	1,2-Dibromoethane	0.75	UD	0.75	25.0	ug/L
127-18-4	Tetrachloroethene	1.20	UD	1.20	25.0	ug/L
108-90-7	Chlorobenzene	0.60	UD	0.60	25.0	ug/L
100-41-4	Ethyl Benzene	12.1	JD	0.65	25.0	ug/L
179601-23-1	m/p-Xylenes	1.20	UD	1.20	50.0	ug/L
95-47-6	o-Xylene	0.60	UD	0.60	25.0	ug/L
100-42-5	Styrene	0.75	UD	0.75	25.0	ug/L
75-25-2	Bromoform	0.95	UD	0.95	25.0	ug/L
98-82-8	Isopropylbenzene	24.6	JD	0.60	25.0	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	1.30	UD	1.30	25.0	ug/L
541-73-1	1,3-Dichlorobenzene	0.80	UD	0.80	25.0	ug/L
106-46-7	1,4-Dichlorobenzene	0.95	UD	0.95	25.0	ug/L
95-50-1	1,2-Dichlorobenzene	0.80	UD	0.80	25.0	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	UD	2.70	25.0	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.00	UD	1.00	25.0	ug/L
87-61-6	1,2,3-Trichlorobenzene	1.00	UD	1.00	25.0	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	50.2		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		70 (77) - 130 (121)	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	63400	5.55			
540-36-3	1,4-Difluorobenzene	123000	6.757			
3114-55-4	Chlorobenzene-d5	112000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	47700	12.018			

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW4DL	SDG No.:	Q1762
Lab Sample ID:	Q1762-01DL	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW
		Final Vol:	5000
			uL
		Test:	VOC-TCLVOA-10

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045717.D	5		04/11/25 05:32	VX041025

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

Report of Analysis

Client:	G Environmental		Date Collected:	04/09/25	
Project:	ANN		Date Received:	04/09/25	
Client Sample ID:	MW5		SDG No.:	Q1762	
Lab Sample ID:	Q1762-02		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045682.D	1		04/09/25 17:39	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	56.1		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	61.9		1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	74.4		0.16	5.00	ug/L
71-43-2	Benzene	14.4		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	2.40	J	0.14	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045682.D	1		04/09/25 17:39	VX040925

[illegible]

Report of Analysis

Client:	G Environmental	Date Collected:	04/09/25
Project:	ANN	Date Received:	04/09/25
Client Sample ID:	MW5	SDG No.:	Q1762
Lab Sample ID:	Q1762-02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045682.D	1		04/09/25 17:39	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000078-78-4	Butane, 2-methyl-	140	J		1.73	ug/L
000109-66-0	Pentane	64.6	J		1.94	ug/L
000107-83-5	Pentane, 2-methyl-	160	J		2.82	ug/L
000096-14-0	Pentane, 3-methyl-	230	J		3.09	ug/L
000096-37-7	Cyclopentane, methyl-	390	J		4.29	ug/L
001759-81-5	Cyclopentene, 4-methyl-	66.0	J		5.18	ug/L
000589-34-4	Hexane, 3-methyl-	96.4	J		5.82	ug/L
103-65-1	n-propylbenzene	55.2	J		11.3	ug/L
98-06-6	tert-Butylbenzene	1.30	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.44	J		11.8	ug/L
135-98-8	sec-Butylbenzene	8.20	J		11.9	ug/L
000611-15-4	Benzene, 1-ethenyl-2-methyl-	110	J		12.2	ug/L
104-51-8	n-Butylbenzene	12.8	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	91.4	J		12.6	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	73.8	J		12.7	ug/L
002039-90-9	Benzene, 2-ethenyl-1,3-dimethyl-	150	J		13.3	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	79.0	J		15.5	ug/L
000581-40-8	Naphthalene, 2,3-dimethyl-	92.2	J		15.6	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SDG No.: **Q1762**

Client: **G Environmental**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
Q1762-01	MW4	1,2-Dichloroethane-d4	50	50.0	100	70 (74)	130 (125)
		Dibromofluoromethane	50	50.9	102	70 (75)	130 (124)
		Toluene-d8	50	52.3	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	57.4	115	70 (77)	130 (121)
Q1762-01DL	MW4DL	1,2-Dichloroethane-d4	50	52.0	104	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	50.2	100	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.2	104	70 (77)	130 (121)
Q1762-02	MW5	1,2-Dichloroethane-d4	50	52.8	106	70 (74)	130 (125)
		Dibromofluoromethane	50	50.6	101	70 (75)	130 (124)
		Toluene-d8	50	50.9	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	56.9	114	70 (77)	130 (121)
VX0410WBL02	VX0410WBL02	1,2-Dichloroethane-d4	50	53.1	106	70 (74)	130 (125)
		Dibromofluoromethane	50	51.7	103	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.1	106	70 (77)	130 (121)
VX0410WBS02	VX0410WBS02	1,2-Dichloroethane-d4	50	54.4	109	70 (74)	130 (125)
		Dibromofluoromethane	50	53.5	107	70 (75)	130 (124)
		Toluene-d8	50	52.8	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.3	111	70 (77)	130 (121)

Surrogate Summary

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
VX0409WBL01	VX0409WBL01	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	51.3	103	70 (75)	130 (124)
		Toluene-d8	50	50.5	101	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.9	100	70 (77)	130 (121)
VX0409WBS01	VX0409WBS01	1,2-Dichloroethane-d4	50	53.5	107	70 (74)	130 (125)
		Dibromofluoromethane	50	54.5	109	70 (75)	130 (124)
		Toluene-d8	50	53.1	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.6	105	70 (77)	130 (121)
VX0409WBSD0	VX0409WBSD01	1,2-Dichloroethane-d4	50	54.1	108	70 (74)	130 (125)
		Dibromofluoromethane	50	53.8	108	70 (75)	130 (124)
		Toluene-d8	50	53.1	106	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.3	109	70 (77)	130 (121)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low

Datafile : VX045667.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0409WBS01	Dichlorodifluoromethane	20	20.1	ug/L	101			40 (69)	160 (116)	
	Chloromethane	20	18.7	ug/L	94			40 (65)	160 (116)	
	Vinyl chloride	20	18.5	ug/L	93			70 (65)	130 (117)	
	Bromomethane	20	18.2	ug/L	91			40 (58)	160 (125)	
	Chloroethane	20	20.4	ug/L	102			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.7	ug/L	99			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/L	102			70 (80)	130 (112)	
	1,1-Dichloroethene	20	18.4	ug/L	92			70 (74)	130 (110)	
	Acetone	100	93.3	ug/L	93			40 (60)	160 (125)	
	Carbon disulfide	20	16.5	ug/L	83			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.3	ug/L	97			70 (78)	130 (114)	
	Methyl Acetate	20	20.2	ug/L	101			70 (67)	130 (125)	
	Methylene Chloride	20	18.3	ug/L	92			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.4	ug/L	92			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.1	ug/L	96			70 (78)	130 (112)	
	Cyclohexane	20	18.5	ug/L	93			70 (75)	130 (110)	
	2-Butanone	100	94.6	ug/L	95			40 (65)	160 (122)	
	Carbon Tetrachloride	20	20.1	ug/L	101			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	18.6	ug/L	93			70 (77)	130 (110)	
	Bromochloromethane	20	19.8	ug/L	99			70 (70)	130 (124)	
	Chloroform	20	19.3	ug/L	97			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.2	ug/L	96			70 (80)	130 (108)	
	Methylcyclohexane	20	19.5	ug/L	98			70 (72)	130 (115)	
	Benzene	20	19.3	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.4	ug/L	102			70 (80)	130 (115)	
	Trichloroethene	20	19.2	ug/L	96			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.6	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	19.6	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	100	ug/L	100			40 (74)	160 (118)	
	Toluene	20	19.3	ug/L	97			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.7	ug/L	94			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.3	ug/L	102			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	19.9	ug/L	100			70 (83)	130 (112)	
	2-Hexanone	100	100	ug/L	100			40 (73)	160 (117)	
	Dibromochloromethane	20	19.8	ug/L	99			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.8	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	20.9	ug/L	104			70 (67)	130 (123)	
	Chlorobenzene	20	20.3	ug/L	102			70 (82)	130 (109)	
	Ethyl Benzene	20	20.0	ug/L	100			70 (83)	130 (109)	
	m/p-Xylenes	40	40.5	ug/L	101			70 (82)	130 (110)	
	o-Xylene	20	20.2	ug/L	101			70 (83)	130 (109)	
	Styrene	20	20.3	ug/L	102			70 (80)	130 (111)	
	Bromoform	20	19.5	ug/L	98			70 (79)	130 (109)	
	Isopropylbenzene	20	20.3	ug/L	102			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	19.9	ug/L	100			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	19.8	ug/L	99			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	19.9	ug/L	100			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	20.6	ug/L	103			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low

Datafile : VX045667.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0409WBS01	1,2-Dibromo-3-Chloropropane	20	20.4	ug/L	102			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.1	ug/L	96			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	19.7	ug/L	99			70 (76)	130 (114)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low

Datafile : VX045668.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0409WBSD01	Dichlorodifluoromethane	20	21.0	ug/L	105	4		40 (69)	160 (116)	20 (20)
	Chloromethane	20	19.1	ug/L	96	2		40 (65)	160 (116)	20 (20)
	Vinyl chloride	20	18.9	ug/L	95	2		70 (65)	130 (117)	20 (20)
	Bromomethane	20	19.2	ug/L	96	5		40 (58)	160 (125)	20 (20)
	Chloroethane	20	20.9	ug/L	104	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	21.1	ug/L	106	7		40 (73)	160 (115)	20 (20)
	1,1,2-Trichlorotrifluoroethane	20	21.6	ug/L	108	6		70 (80)	130 (112)	20 (20)
	1,1-Dichloroethene	20	19.2	ug/L	96	4		70 (74)	130 (110)	20 (20)
	Acetone	100	100	ug/L	100	7		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.4	ug/L	87	5		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	21.1	ug/L	106	9		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	22.1	ug/L	111	9		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	20.0	ug/L	100	8		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	19.9	ug/L	100	8		70 (75)	130 (108)	20 (20)
	1,1-Dichloroethane	20	20.1	ug/L	101	5		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	19.6	ug/L	98	5		70 (75)	130 (110)	20 (20)
	2-Butanone	100	100	ug/L	100	5		40 (65)	160 (122)	20 (20)
	Carbon Tetrachloride	20	21.2	ug/L	106	5		70 (77)	130 (113)	20 (20)
	cis-1,2-Dichloroethene	20	19.7	ug/L	99	6		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	22.3	ug/L	112	12		70 (70)	130 (124)	20 (20)
	Chloroform	20	20.8	ug/L	104	7		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	20.3	ug/L	102	6		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	20.9	ug/L	104	6		70 (72)	130 (115)	20 (20)
	Benzene	20	20.4	ug/L	102	5		70 (82)	130 (109)	20 (20)
	1,2-Dichloroethane	20	21.5	ug/L	108	6		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.4	ug/L	102	6		70 (77)	130 (113)	20 (20)
	1,2-Dichloropropane	20	20.8	ug/L	104	6		70 (83)	130 (111)	20 (20)
	Bromodichloromethane	20	21.0	ug/L	105	7		70 (83)	130 (110)	20 (20)
	4-Methyl-2-Pentanone	100	110	ug/L	110	10		40 (74)	160 (118)	20 (20)
	Toluene	20	20.3	ug/L	102	5		70 (82)	130 (110)	20 (20)
	t-1,3-Dichloropropene	20	19.3	ug/L	97	3		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	21.8	ug/L	109	7		70 (82)	130 (110)	20 (20)
	1,1,2-Trichloroethane	20	21.0	ug/L	105	5		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	110	ug/L	110	10		40 (73)	160 (117)	20 (20)
	Dibromochloromethane	20	21.1	ug/L	106	7		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.9	ug/L	104	5		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	22.0	ug/L	110	6		70 (67)	130 (123)	20 (20)
	Chlorobenzene	20	20.9	ug/L	104	2		70 (82)	130 (109)	20 (20)
	Ethyl Benzene	20	20.9	ug/L	104	4		70 (83)	130 (109)	20 (20)
	m/p-Xylenes	40	42.3	ug/L	106	5		70 (82)	130 (110)	20 (20)
	o-Xylene	20	20.7	ug/L	104	3		70 (83)	130 (109)	20 (20)
	Styrene	20	21.2	ug/L	106	4		70 (80)	130 (111)	20 (20)
	Bromoform	20	20.2	ug/L	101	3		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	20.7	ug/L	104	2		70 (83)	130 (112)	20 (20)
	1,1,2,2-Tetrachloroethane	20	20.5	ug/L	103	3		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.5	ug/L	103	4		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.2	ug/L	101	1		70 (82)	130 (107)	20 (20)
	1,2-Dichlorobenzene	20	21.2	ug/L	106	3		70 (82)	130 (109)	20 (20)

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260-Low

Datafile : VX045668.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0409WBSD01	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104	2		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	20.7	ug/L	104	8		70 (75)	130 (113)	20 (20)
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102	3		70 (76)	130 (114)	20 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260D

Datafile : VX045715.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0410WBS02	Dichlorodifluoromethane	20	20.2	ug/L	101			40 (69)	160 (116)	
	Chloromethane	20	20.1	ug/L	101			40 (65)	160 (116)	
	Vinyl chloride	20	20.0	ug/L	100			70 (65)	130 (117)	
	Bromomethane	20	19.1	ug/L	96			40 (58)	160 (125)	
	Chloroethane	20	22.1	ug/L	111			40 (56)	160 (128)	
	Trichlorofluoromethane	20	20.8	ug/L	104			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.8	ug/L	99			70 (80)	130 (112)	
	1,1-Dichloroethene	20	20.1	ug/L	101			70 (74)	130 (110)	
	Acetone	100	110	ug/L	110			40 (60)	160 (125)	
	Carbon disulfide	20	16.5	ug/L	83			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	21.6	ug/L	108			70 (78)	130 (114)	
	Methyl Acetate	20	25.0	ug/L	125			70 (67)	130 (125)	
	Methylene Chloride	20	20.5	ug/L	103			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	19.9	ug/L	100			70 (75)	130 (108)	
	1,1-Dichloroethane	20	20.7	ug/L	104			70 (78)	130 (112)	
	Cyclohexane	20	19.3	ug/L	97			70 (75)	130 (110)	
	2-Butanone	100	110	ug/L	110			40 (65)	160 (122)	
	Carbon Tetrachloride	20	21.1	ug/L	106			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	20.2	ug/L	101			70 (77)	130 (110)	
	Bromochloromethane	20	21.8	ug/L	109			70 (70)	130 (124)	
	Chloroform	20	21.5	ug/L	108			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	21.0	ug/L	105			70 (80)	130 (108)	
	Methylcyclohexane	20	18.6	ug/L	93			70 (72)	130 (115)	
	Benzene	20	20.2	ug/L	101			70 (82)	130 (109)	
	1,2-Dichloroethane	20	21.8	ug/L	109			70 (80)	130 (115)	
	Trichloroethene	20	20.6	ug/L	103			70 (77)	130 (113)	
	1,2-Dichloropropane	20	20.4	ug/L	102			70 (83)	130 (111)	
	Bromodichloromethane	20	20.8	ug/L	104			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	110	ug/L	110			40 (74)	160 (118)	
	Toluene	20	20.6	ug/L	103			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	18.2	ug/L	91			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	19.6	ug/L	98			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	21.9	ug/L	110			70 (83)	130 (112)	
	2-Hexanone	100	110	ug/L	110			40 (73)	160 (117)	
	Dibromochloromethane	20	20.9	ug/L	104			70 (82)	130 (110)	
	1,2-Dibromoethane	20	21.5	ug/L	108			70 (81)	130 (110)	
	Tetrachloroethene	20	20.0	ug/L	100			70 (67)	130 (123)	
	Chlorobenzene	20	20.7	ug/L	104			70 (82)	130 (109)	
	Ethyl Benzene	20	20.6	ug/L	103			70 (83)	130 (109)	
	m/p-Xylenes	40	40.9	ug/L	102			70 (82)	130 (110)	
	o-Xylene	20	20.6	ug/L	103			70 (83)	130 (109)	
	Styrene	20	21.3	ug/L	106			70 (80)	130 (111)	
	Bromoform	20	19.9	ug/L	100			70 (79)	130 (109)	
	Isopropylbenzene	20	20.5	ug/L	103			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	20.8	ug/L	104			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.4	ug/L	102			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.3	ug/L	102			70 (82)	130 (107)	
	1,2-Dichlorobenzene	20	21.0	ug/L	105			70 (82)	130 (109)	

() = LABORATORY INHOUSE LIMIT

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1762

Client: G Environmental

Analytical Method: SW8260D

Datafile : VX045715.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VX0410WBS02	1,2-Dibromo-3-Chloropropane	20	22.5	ug/L	113			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	19.6	ug/L	98			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	20.1	ug/L	101			70 (76)	130 (114)	

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0409WBL01

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1762

SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045666.D

Lab Sample ID: VX0409WBL01

Date Analyzed: 04/09/2025

Time Analyzed: 11:26

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
VX0409WBS01	VX0409WBS01	VX045667.D	04/09/2025
VX0409WBSD01	VX0409WBSD01	VX045668.D	04/09/2025
MW4	Q1762-01	VX045681.D	04/09/2025
MW5	Q1762-02	VX045682.D	04/09/2025

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0410WBL02

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1762

SAS No.: Q1762 SDG NO.: Q1762

Lab File ID: VX045714.D

Lab Sample ID: VX0410WBL02

Date Analyzed: 04/11/2025

Time Analyzed: 03:59

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
VX0410WBS02	VX0410WBS02	VX045715.D	04/11/2025
MW4DL	Q1762-01DL	VX045717.D	04/11/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762
Lab File ID: VX045524.D BFB Injection Date: 04/01/2025
Instrument ID: MSVOA_X BFB Injection Time: 16:15
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	23.6
75	30.0 - 60.0% of mass 95	58.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.8 (1.2) 1
174	50.0 - 100.0% of mass 95	66.8
175	5.0 - 9.0% of mass 174	5.2 (7.8) 1
176	95.0 - 101.0% of mass 174	65.3 (97.8) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX045525.D	04/01/2025	17:06
VSTDICC005	VSTDICC005	VX045526.D	04/01/2025	17:29
VSTDICC020	VSTDICC020	VX045527.D	04/01/2025	17:52
VSTDICCC050	VSTDICCC050	VX045528.D	04/01/2025	18:15
VSTDICC100	VSTDICC100	VX045529.D	04/01/2025	18:38
VSTDICC150	VSTDICC150	VX045530.D	04/01/2025	19:02

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762
Lab File ID: VX045663.D BFB Injection Date: 04/09/2025
Instrument ID: MSVOA_X BFB Injection Time: 09:38
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	23.2
75	30.0 - 60.0% of mass 95	59.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	1 (1.4) 1
174	50.0 - 100.0% of mass 95	67.4
175	5.0 - 9.0% of mass 174	5.1 (7.5) 1
176	95.0 - 101.0% of mass 174	66.1 (98) 1
177	5.0 - 9.0% of mass 176	4.4 (6.7) 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	VX045664.D	04/09/2025	10:35
VX0409WBL01	VX0409WBL01	VX045666.D	04/09/2025	11:26
VX0409WBS01	VX0409WBS01	VX045667.D	04/09/2025	11:49
VX0409WBSD01	VX0409WBSD01	VX045668.D	04/09/2025	12:14
MW4	Q1762-01	VX045681.D	04/09/2025	17:16
MW5	Q1762-02	VX045682.D	04/09/2025	17:39

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762
Lab File ID: VX045711.D BFB Injection Date: 04/11/2025
Instrument ID: MSVOA_X BFB Injection Time: 02:10
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	23.9
75	30.0 - 60.0% of mass 95	59
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	1 (1.5) 1
174	50.0 - 100.0% of mass 95	66.5
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.2 (97.9) 1
177	5.0 - 9.0% of mass 176	4 (6.2) 2

1-Value is % mass 174

2-Value is % mass 176

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX045712.D	04/11/2025	02:49
VX0410WBL02	VX0410WBL02	VX045714.D	04/11/2025	03:59
VX0410WBS02	VX0410WBS02	VX045715.D	04/11/2025	04:22
MW4DL	Q1762-01DL	VX045717.D	04/11/2025	05:32

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762
Lab File ID: VX045664.D Date Analyzed: 04/09/2025
Instrument ID: MSVOA_X Time Analyzed: 10:35
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	98594	5.54	170453	6.75	147839	10.05
UPPER LIMIT	197188	6.044	340906	7.251	295678	10.549
LOWER LIMIT	49297	5.044	85226.5	6.251	73919.5	9.549
EPA SAMPLE NO.						
MW4	73129	5.55	135470	6.76	125359	10.05
MW5	66105	5.54	129673	6.76	121124	10.05
VX0409WBL01	69921	5.54	138334	6.76	127856	10.05
VX0409WBS01	94074	5.54	163361	6.76	141398	10.05
VX0409WBSD01	83922	5.54	147335	6.76	129399	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01
 Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762
 Lab File ID: VX045664.D Date Analyzed: 04/09/2025
 Instrument ID: MSVOA_X Time Analyzed: 10:35
 GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	71972	12.018				
UPPER LIMIT	143944	12.518				
LOWER LIMIT	35986	11.518				
EPA SAMPLE NO.						
MW4	58214	12.02				
MW5	55077	12.02				
VX0409WBL01	50474	12.02				
VX0409WBS01	64175	12.02				
VX0409WBSD01	60456	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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762
Lab File ID: VX045712.D Date Analyzed: 04/11/2025
Instrument ID: MSVOA_X Time Analyzed: 02:49
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	83221	5.54	146715	6.75	129670	10.05
UPPER LIMIT	166442	6.037	293430	7.251	259340	10.549
LOWER LIMIT	41610.5	5.037	73357.5	6.251	64835	9.549
EPA SAMPLE NO.						
MW4DL	63356	5.55	122653	6.76	112188	10.06
VX0410WBL02	68793	5.54	134259	6.76	125713	10.05
VX0410WBS02	87130	5.54	156738	6.76	139704	10.06

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.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01
Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG NO.: Q1762
Lab File ID: VX045712.D Date Analyzed: 04/11/2025
Instrument ID: MSVOA_X Time Analyzed: 02:49
GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	63235	12.018				
UPPER LIMIT	126470	12.518				
LOWER LIMIT	31617.5	11.518				
EPA SAMPLE NO.						
MW4DL	47681	12.02				
VX0410WBL02	55453	12.02				
VX0410WBS02	64250	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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBL01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045666.D	1		04/09/25 11:26	VX040925

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBL01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBL01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045666.D	1		04/09/25 11:26	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.9		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	69900	5.544			
540-36-3	1,4-Difluorobenzene	138000	6.757			
3114-55-4	Chlorobenzene-d5	128000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	50500	12.018			

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	ANN		Date Received:	
Client Sample ID:	VX0409WBL01		SDG No.:	Q1762
Lab Sample ID:	VX0409WBL01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045666.D	1		04/09/25 11:26	VX040925

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBL02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBL02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045714.D	1		04/11/25 03:59	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	5.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	5.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
67-64-1	Acetone	1.50	U	1.50	25.0	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	5.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	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	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	5.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	5.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	5.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	25.0	ug/L
108-88-3	Toluene	0.14	U	0.14	5.00	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	ANN		Date Received:	
Client Sample ID:	VX0410WBL02		SDG No.:	Q1762
Lab Sample ID:	VX0410WBL02		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045714.D	1		04/11/25 03:59	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	10.0	ug/L
95-47-6	o-Xylene	0.12	U	0.12	5.00	ug/L
100-42-5	Styrene	0.15	U	0.15	5.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	5.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.1		70 (74) - 130 (125)	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 (75) - 130 (124)	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68800	5.544			
540-36-3	1,4-Difluorobenzene	134000	6.757			
3114-55-4	Chlorobenzene-d5	126000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55500	12.018			

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	ANN		Date Received:	
Client Sample ID:	VX0410WBL02		SDG No.:	Q1762
Lab Sample ID:	VX0410WBL02		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045714.D	1		04/11/25 03:59	VX041025

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBS01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBS01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045667.D	1		04/09/25 11:49	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.1		0.22	1.00	ug/L
74-87-3	Chloromethane	18.7		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.5		0.26	1.00	ug/L
74-83-9	Bromomethane	18.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.7		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.23	1.00	ug/L
67-64-1	Acetone	93.3		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	16.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.2		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.3		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.4		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	18.5		1.50	5.00	ug/L
78-93-3	2-Butanone	94.6		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	20.1		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	18.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.8		0.22	1.00	ug/L
67-66-3	Chloroform	19.3		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.2		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.5		0.16	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.4		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.2		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	19.3		0.14	1.00	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	ANN		Date Received:	
Client Sample ID:	VX0409WBS01		SDG No.:	Q1762
Lab Sample ID:	VX0409WBS01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045667.D	1		04/09/25 11:49	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.3		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	19.8		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.8		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	20.9		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.3		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.0		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	40.5		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	20.3		0.15	1.00	ug/L
75-25-2	Bromoform	19.5		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.3		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	19.8		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	19.9		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		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	19.1		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.7		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		70 (75) - 130 (124)	109%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	94100	5.544			
540-36-3	1,4-Difluorobenzene	163000	6.757			
3114-55-4	Chlorobenzene-d5	141000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	64200	12.018			

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	ANN		Date Received:	
Client Sample ID:	VX0409WBS01		SDG No.:	Q1762
Lab Sample ID:	VX0409WBS01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045667.D	1		04/09/25 11:49	VX040925

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0410WBS02	SDG No.:	Q1762
Lab Sample ID:	VX0410WBS02	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045715.D	1		04/11/25 04:22	VX041025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	20.2		0.22	5.00	ug/L
74-87-3	Chloromethane	20.1		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	20.0		0.26	5.00	ug/L
74-83-9	Bromomethane	19.1		1.40	5.00	ug/L
75-00-3	Chloroethane	22.1		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	20.8		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.8		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	20.1		0.23	5.00	ug/L
67-64-1	Acetone	110		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	16.5		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.6		0.16	5.00	ug/L
79-20-9	Methyl Acetate	25.0		0.27	5.00	ug/L
75-09-2	Methylene Chloride	20.5		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.23	5.00	ug/L
110-82-7	Cyclohexane	19.3		1.50	5.00	ug/L
78-93-3	2-Butanone	110		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	21.1		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.2		0.19	5.00	ug/L
74-97-5	Bromochloromethane	21.8		0.22	5.00	ug/L
67-66-3	Chloroform	21.5		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	21.0		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	5.00	ug/L
71-43-2	Benzene	20.2		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	21.8		0.22	5.00	ug/L
79-01-6	Trichloroethene	20.6		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	20.4		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	20.8		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	25.0	ug/L
108-88-3	Toluene	20.6		0.14	5.00	ug/L

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.2		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.9		0.21	5.00	ug/L
591-78-6	2-Hexanone	110		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	20.9		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	21.5		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	20.0		0.23	5.00	ug/L
108-90-7	Chlorobenzene	20.7		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	20.6		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	40.9		0.24	10.0	ug/L
95-47-6	o-Xylene	20.6		0.12	5.00	ug/L
100-42-5	Styrene	21.3		0.15	5.00	ug/L
75-25-2	Bromoform	19.9		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	20.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.8		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.4		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.3		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.0		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	22.5		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	19.6		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.1		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.4		70 (74) - 130 (125)	109%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		70 (75) - 130 (124)	107%	SPK: 50
2037-26-5	Toluene-d8	52.8		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.3		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	87100	5.544			
540-36-3	1,4-Difluorobenzene	157000	6.757			
3114-55-4	Chlorobenzene-d5	140000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	64300	12.018			

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	ANN		Date Received:	
Client Sample ID:	VX0410WBS02		SDG No.:	Q1762
Lab Sample ID:	VX0410WBS02		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045715.D	1		04/11/25 04:22	VX041025

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBSD01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5	Units:	mL
Soil Aliquot Vol:			uL
GC Column:	DB-624UI	ID :	0.18
Prep Method :		Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045668.D	1		04/09/25 12:14	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	21.0		0.22	1.00	ug/L
74-87-3	Chloromethane	19.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	19.2		1.40	5.00	ug/L
75-00-3	Chloroethane	20.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	21.1		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	100		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.4		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	21.1		0.16	1.00	ug/L
79-20-9	Methyl Acetate	22.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	20.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.9		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.1		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.6		1.50	5.00	ug/L
78-93-3	2-Butanone	100		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	21.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.7		0.19	1.00	ug/L
74-97-5	Bromochloromethane	22.3		0.22	1.00	ug/L
67-66-3	Chloroform	20.8		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.3		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	20.9		0.16	1.00	ug/L
71-43-2	Benzene	20.4		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	21.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.8		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	21.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	110		0.68	5.00	ug/L
108-88-3	Toluene	20.3		0.14	1.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	ANN	Date Received:	
Client Sample ID:	VX0409WBSD01	SDG No.:	Q1762
Lab Sample ID:	VX0409WBSD01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045668.D	1		04/09/25 12:14	VX040925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.3		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	21.8		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.0		0.21	1.00	ug/L
591-78-6	2-Hexanone	110		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.1		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.9		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	22.0		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.9		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	20.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	42.3		0.24	2.00	ug/L
95-47-6	o-Xylene	20.7		0.12	1.00	ug/L
100-42-5	Styrene	21.2		0.15	1.00	ug/L
75-25-2	Bromoform	20.2		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	20.7		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.5		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.2		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	21.2		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		70 (74) - 130 (125)	108%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 (75) - 130 (124)	108%	SPK: 50
2037-26-5	Toluene-d8	53.1		70 (86) - 130 (113)	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	83900	5.544			
540-36-3	1,4-Difluorobenzene	147000	6.757			
3114-55-4	Chlorobenzene-d5	129000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	60500	12.018			

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	ANN		Date Received:	
Client Sample ID:	VX0409WBSD01		SDG No.:	Q1762
Lab Sample ID:	VX0409WBSD01		Matrix:	Water
Analytical Method:	SW8260		% Solid:	0
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI	ID : 0.18	Level :	LOW
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045668.D	1		04/09/25 12:14	VX040925

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

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

LAB FILE ID:		RRF001 = VX045525.D		RRF005 = VX045526.D		RRF020 = VX045527.D		RRF050 = VX045528.D		RRF100 = VX045529.D		RRF150 = VX045530.D	
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD					
Dichlorodifluoromethane	0.615	0.695	0.700	0.820	0.837	0.820	0.748	12.1					
Chloromethane	0.764	0.734	0.777	0.784	0.815	0.734	0.768	4.1					
Vinyl Chloride	0.671	0.662	0.701	0.716	0.738	0.730	0.703	4.4					
Bromomethane		0.342	0.327	0.330	0.341	0.327	0.333	2.2					
Chloroethane	0.378	0.397	0.390	0.398	0.355	0.319	0.373	8.3					
Trichlorofluoromethane	1.051	0.999	1.075	1.086	1.089	0.989	1.048	4.2					
1,1,2-Trichlorotrifluoroethane	0.575	0.599	0.635	0.621	0.621	0.634	0.614	3.7					
1,1-Dichloroethene	0.563	0.588	0.612	0.604	0.618	0.616	0.600	3.5					
Acetone	0.400	0.369	0.387	0.378	0.365	0.355	0.375	4.3					
Carbon Disulfide	1.334	1.327	1.434	1.553	1.604	1.642	1.483	9.2					
Methyl tert-butyl Ether	1.915	1.964	2.169	2.118	2.217	2.216	2.100	6.2					
Methyl Acetate	0.901	0.863	0.864	0.857	0.855	0.846	0.864	2.2					
Methylene Chloride	0.692	0.695	0.726	0.709	0.705	0.690	0.703	2					
trans-1,2-Dichloroethene	0.574	0.594	0.636	0.624	0.621	0.630	0.613	3.9					
1,1-Dichloroethane	1.211	1.240	1.318	1.269	1.283	1.292	1.269	3					
Cyclohexane		1.044	1.148	1.123	1.145	1.149	1.122	4					
2-Butanone	0.474	0.537	0.582	0.586	0.571	0.548	0.550	7.5					
Carbon Tetrachloride	0.450	0.497	0.521	0.536	0.545	0.556	0.518	7.5					
cis-1,2-Dichloroethene	0.762	0.696	0.760	0.751	0.754	0.760	0.747	3.4					
Bromochloromethane	0.671	0.608	0.617	0.596	0.610	0.576	0.613	5.2					
Chloroform	1.244	1.309	1.348	1.315	1.309	1.309	1.306	2.6					
1,1,1-Trichloroethane	1.028	1.052	1.120	1.109	1.153	1.167	1.105	5					
Methylcyclohexane	0.519	0.527	0.596	0.622	0.628	0.632	0.587	8.8					
Benzene	1.414	1.416	1.519	1.481	1.483	1.465	1.463	2.8					
1,2-Dichloroethane	0.533	0.585	0.649	0.622	0.620	0.617	0.604	6.7					
Trichloroethene	0.349	0.322	0.356	0.351	0.351	0.356	0.348	3.7					
1,2-Dichloropropane	0.309	0.365	0.388	0.376	0.379	0.374	0.365	7.8					
Bromodichloromethane	0.521	0.519	0.576	0.572	0.587	0.583	0.560	5.6					
4-Methyl-2-Pentanone	0.499	0.578	0.661	0.663	0.647	0.589	0.606	10.6					
Toluene	0.817	0.866	0.939	0.910	0.905	0.875	0.885	4.8					

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Calibration Time(s): 17:06 19:02

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

LAB FILE ID:		RRF001 = VX045525.D		RRF005 = VX045526.D		RRF020 = VX045527.D		
		RRF050 = VX045528.D		RRF100 = VX045529.D		RRF150 = VX045530.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.316	0.400	0.465	0.508	0.555	0.558	0.467	20.3
cis-1,3-Dichloropropene	0.371	0.474	0.546	0.568	0.597	0.600	0.526	16.9
1,1,2-Trichloroethane	0.337	0.346	0.376	0.359	0.358	0.340	0.353	4.1
2-Hexanone	0.363	0.429	0.488	0.492	0.484	0.439	0.449	11.1
Dibromochloromethane	0.313	0.352	0.404	0.412	0.421	0.405	0.385	11.1
1,2-Dibromoethane	0.294	0.351	0.380	0.373	0.380	0.364	0.357	9.1
Tetrachloroethene	0.346	0.373	0.371	0.347	0.333	0.347	0.353	4.5
Chlorobenzene	0.951	1.054	1.123	1.084	1.086	1.112	1.068	5.8
Ethyl Benzene	1.608	1.819	2.002	2.007	1.993	2.053	1.914	8.9
m/p-Xylenes	0.594	0.669	0.732	0.728	0.723	0.729	0.696	7.9
o-Xylene	0.562	0.676	0.725	0.719	0.716	0.714	0.686	9.2
Styrene	0.897	1.043	1.202	1.216	1.230	1.202	1.132	11.8
Bromoform	0.220	0.252	0.272	0.296	0.307	0.315	0.277	13.1
Isopropylbenzene	3.581	3.850	4.224	4.181	4.043	4.151	4.005	6.2
1,1,2,2-Tetrachloroethane	1.457	1.428	1.461	1.384	1.354	1.358	1.407	3.4
1,3-Dichlorobenzene	1.658	1.605	1.726	1.699	1.714	1.706	1.684	2.7
1,4-Dichlorobenzene	1.671	1.724	1.768	1.703	1.674	1.706	1.708	2.1
1,2-Dichlorobenzene	1.644	1.645	1.750	1.678	1.665	1.667	1.675	2.3
1,2-Dibromo-3-Chloropropane	0.196	0.260	0.312	0.316	0.333	0.349	0.294	19.4
1,2,4-Trichlorobenzene	0.727	0.844	0.948	0.947	1.045	1.083	0.932	14.1
1,2,3-Trichlorobenzene	0.782	0.916	0.999	1.000	1.063	1.097	0.976	11.6
1,2-Dichloroethane-d4		0.962	0.900	0.868	0.904	0.937	0.914	3.9
Dibromofluoromethane		0.372	0.342	0.345	0.353	0.362	0.355	3.5
Toluene-d8		1.257	1.233	1.214	1.230	1.257	1.238	1.5
4-Bromofluorobenzene		0.413	0.448	0.453	0.481	0.460	0.451	5.5

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/09/2025 10:35

Lab File ID: VX045664.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.814		8.82	20
Chloromethane	0.768	0.744	0.1	-3.13	20
Vinyl Chloride	0.703	0.690		-1.85	20
Bromomethane	0.333	0.317		-4.8	20
Chloroethane	0.373	0.395		5.9	20
Trichlorofluoromethane	1.048	1.090		4.01	20
1,1,2-Trichlorotrifluoroethane	0.614	0.649		5.7	20
1,1-Dichloroethene	0.600	0.586		-2.33	20
Acetone	0.375	0.349		-6.93	20
Carbon Disulfide	1.483	1.375		-7.28	20
Methyl tert-butyl Ether	2.100	2.157		2.71	20
Methyl Acetate	0.864	0.925		7.06	20
Methylene Chloride	0.703	0.685		-2.56	20
trans-1,2-Dichloroethene	0.613	0.609		-0.65	20
1,1-Dichloroethane	1.269	1.251	0.1	-1.42	20
Cyclohexane	1.122	1.092		-2.67	20
2-Butanone	0.550	0.538		-2.18	20
Carbon Tetrachloride	0.518	0.553		6.76	20
cis-1,2-Dichloroethene	0.747	0.734		-1.74	20
Bromochloromethane	0.613	0.565		-7.83	20
Chloroform	1.306	1.317		0.84	20
1,1,1-Trichloroethane	1.105	1.107		0.18	20
Methylcyclohexane	0.587	0.631		7.5	20
Benzene	1.463	1.461		-0.14	20
1,2-Dichloroethane	0.604	0.626		3.64	20
Trichloroethene	0.348	0.351		0.86	20
1,2-Dichloropropane	0.365	0.373		2.19	20
Bromodichloromethane	0.560	0.583		4.11	20
4-Methyl-2-Pentanone	0.606	0.631		4.13	20
Toluene	0.885	0.899		1.58	20
t-1,3-Dichloropropene	0.467	0.527		12.85	20
cis-1,3-Dichloropropene	0.526	0.585		11.22	20
1,1,2-Trichloroethane	0.353	0.360		1.98	20
2-Hexanone	0.449	0.470		4.68	20
Dibromochloromethane	0.385	0.409		6.23	20
1,2-Dibromoethane	0.357	0.371		3.92	20
Tetrachloroethene	0.353	0.373		5.67	20
Chlorobenzene	1.068	1.118	0.3	4.68	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/09/2025 10:35

Lab File ID: VX045664.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.914	2.034		6.27	20
m/p-Xylenes	0.696	0.742		6.61	20
o-Xylene	0.686	0.716		4.37	20
Styrene	1.132	1.225		8.22	20
Bromoform	0.277	0.302	0.1	9.02	20
Isopropylbenzene	4.005	3.959		-1.15	20
1,1,2,2-Tetrachloroethane	1.407	1.337	0.3	-4.97	20
1,3-Dichlorobenzene	1.684	1.702		1.07	20
1,4-Dichlorobenzene	1.708	1.690		-1.05	20
1,2-Dichlorobenzene	1.675	1.704		1.73	20
1,2-Dibromo-3-Chloropropane	0.294	0.316		7.48	20
1,2,4-Trichlorobenzene	0.932	1.015		8.91	20
1,2,3-Trichlorobenzene	0.976	1.020		4.51	20
1,2-Dichloroethane-d4	0.914	0.945		3.39	20
Dibromofluoromethane	0.355	0.379		6.76	20
Toluene-d8	1.238	1.272		2.75	20
4-Bromofluorobenzene	0.451	0.501		11.09	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/11/2025 02:49

Lab File ID: VX045712.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.748	0.824		10.16	20
Chloromethane	0.768	0.794	0.1	3.38	20
Vinyl Chloride	0.703	0.722		2.7	20
Bromomethane	0.333	0.315		-5.41	20
Chloroethane	0.373	0.379		1.61	20
Trichlorofluoromethane	1.048	1.107		5.63	20
1,1,2-Trichlorotrifluoroethane	0.614	0.658		7.17	20
1,1-Dichloroethene	0.600	0.622		3.67	20
Acetone	0.375	0.419		11.73	20
Carbon Disulfide	1.483	1.296		-12.61	20
Methyl tert-butyl Ether	2.100	2.283		8.71	20
Methyl Acetate	0.864	1.041		20.49	20
Methylene Chloride	0.703	0.720		2.42	20
trans-1,2-Dichloroethene	0.613	0.616		0.49	20
1,1-Dichloroethane	1.269	1.319	0.1	3.94	20
Cyclohexane	1.122	1.140		1.6	20
2-Butanone	0.550	0.612		11.27	20
Carbon Tetrachloride	0.518	0.560		8.11	20
cis-1,2-Dichloroethene	0.747	0.764		2.28	20
Bromochloromethane	0.613	0.632		3.1	20
Chloroform	1.306	1.385		6.05	20
1,1,1-Trichloroethane	1.105	1.168		5.7	20
Methylcyclohexane	0.587	0.617		5.11	20
Benzene	1.463	1.499		2.46	20
1,2-Dichloroethane	0.604	0.659		9.11	20
Trichloroethene	0.348	0.358		2.87	20
1,2-Dichloropropane	0.365	0.387		6.03	20
Bromodichloromethane	0.560	0.604		7.86	20
4-Methyl-2-Pentanone	0.606	0.688		13.53	20
Toluene	0.885	0.931		5.2	20
t-1,3-Dichloropropene	0.467	0.497		6.42	20
cis-1,3-Dichloropropene	0.526	0.554		5.32	20
1,1,2-Trichloroethane	0.353	0.374		5.95	20
2-Hexanone	0.449	0.518		15.37	20
Dibromochloromethane	0.385	0.423		9.87	20
1,2-Dibromoethane	0.357	0.388		8.68	20
Tetrachloroethene	0.353	0.367		3.97	20
Chlorobenzene	1.068	1.145	0.3	7.21	20

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1762 SAS No.: Q1762 SDG No.: Q1762

Instrument ID: MSVOA_X Calibration Date/Time: 04/11/2025 02:49

Lab File ID: VX045712.D Init. Calib. Date(s): 04/01/2025 04/01/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 17:06 19:02

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.914	2.059		7.58	20
m/p-Xylenes	0.696	0.755		8.48	20
o-Xylene	0.686	0.742		8.16	20
Styrene	1.132	1.260		11.31	20
Bromoform	0.277	0.303	0.1	9.39	20
Isopropylbenzene	4.005	4.100		2.37	20
1,1,2,2-Tetrachloroethane	1.407	1.417	0.3	0.71	20
1,3-Dichlorobenzene	1.684	1.724		2.38	20
1,4-Dichlorobenzene	1.708	1.749		2.4	20
1,2-Dichlorobenzene	1.675	1.769		5.61	20
1,2-Dibromo-3-Chloropropane	0.294	0.328		11.56	20
1,2,4-Trichlorobenzene	0.932	1.018		9.23	20
1,2,3-Trichlorobenzene	0.976	1.064		9.02	20
1,2-Dichloroethane-d4	0.914	0.993		8.64	20
Dibromofluoromethane	0.355	0.391		10.14	20
Toluene-d8	1.238	1.319		6.54	20
4-Bromofluorobenzene	0.451	0.518		14.86	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\VX040925\
 Data File : VX045681.D
 Acq On : 09 Apr 2025 17:16
 Operator : JC/MD
 Sample : Q1762-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW4

A
B
C
D
E
F
G
H
I
J

Quant Time: Apr 10 01:36:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

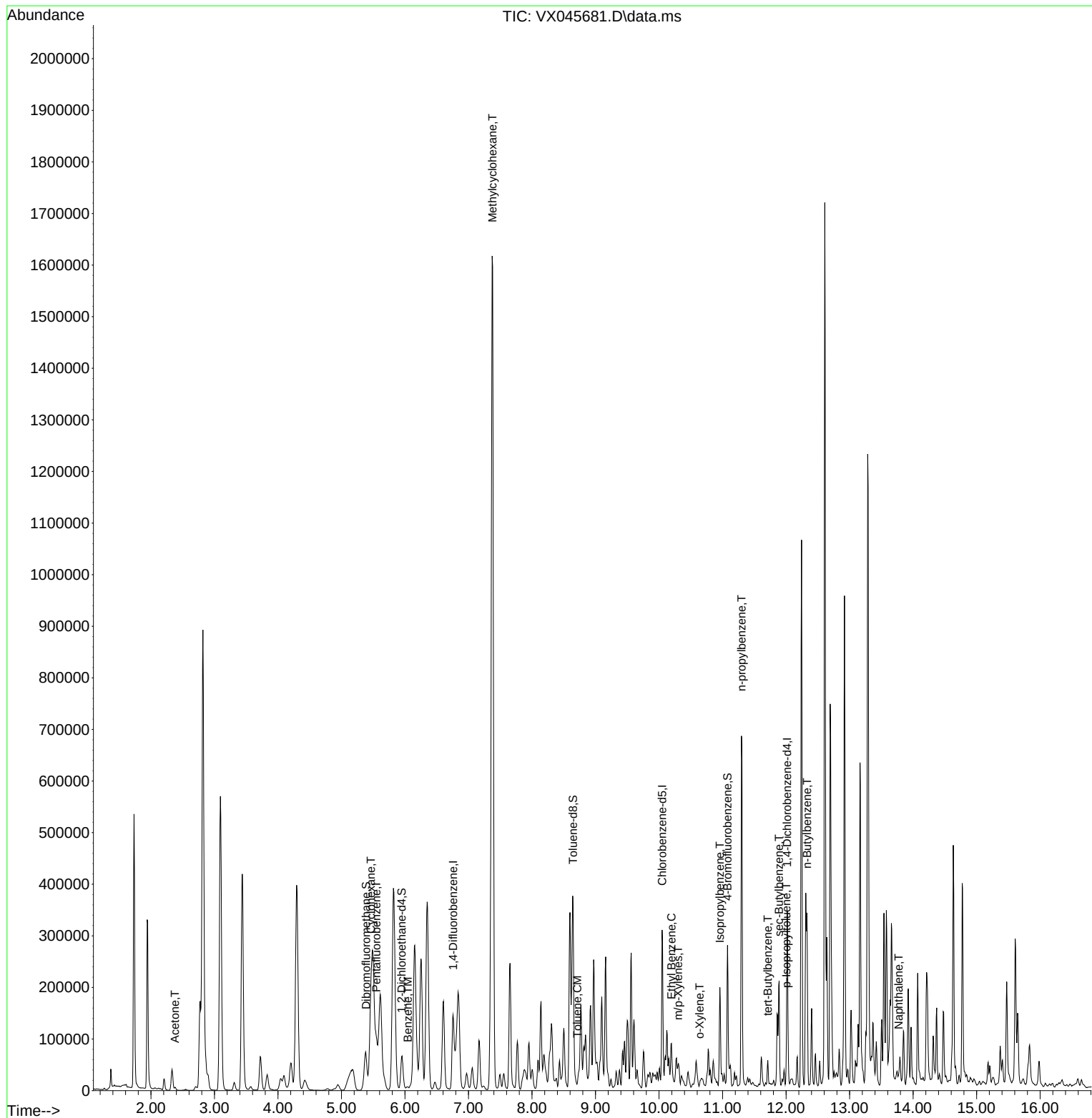
Internal Standards						
1) Pentafluorobenzene	5.550	168	73129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	135470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66936	50.052	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.100%	
35) Dibromofluoromethane	5.385	113	48939	50.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.840%	
50) Toluene-d8	8.647	98	175427	52.291	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.580%	
62) 4-Bromofluorobenzene	11.079	95	70156	57.411	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.820%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	5690	10.361	ug/l	98
31) Cyclohexane	5.464	56	157999	96.311	ug/l #	95
39) Methylcyclohexane	7.379	83	683265	429.512	ug/l	97
40) Benzene	6.044	78	6348	1.602	ug/l	96
52) Toluene	8.714	92	2340	0.976	ug/l #	68
67) Ethyl Benzene	10.195	91	46826	9.760	ug/l	100
68) m/p-Xylenes	10.299	106	2692	1.543	ug/l	87
69) o-Xylene	10.640	106	887	0.516	ug/l	89
73) Isopropylbenzene	10.957	105	90832	19.479	ug/l	100
78) n-propylbenzene	11.299	91	415596	77.378	ug/l	100
83) tert-Butylbenzene	11.713	119	10259	2.687	ug/l	89
85) sec-Butylbenzene	11.890	105	99614	21.245	ug/l	98
86) p-Isopropyltoluene	12.006	119	10835	2.803	ug/l	93
89) n-Butylbenzene	12.329	91	155654	46.435	ug/l #	80
95) Naphthalene	13.774	128	11315	2.801	ug/l #	93

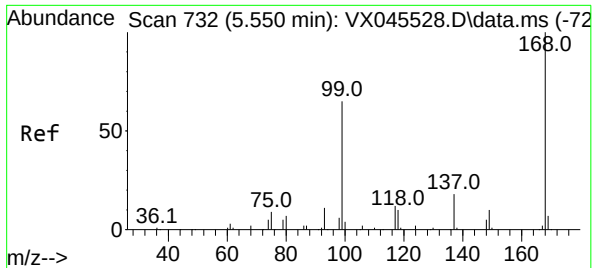
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Time: Apr 10 01:36:48 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

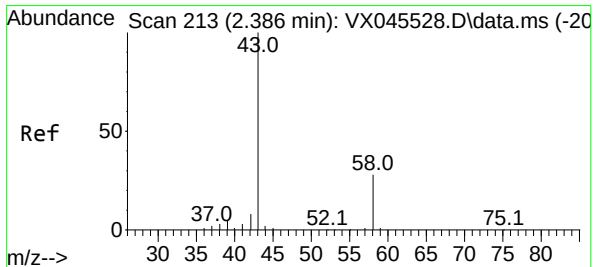
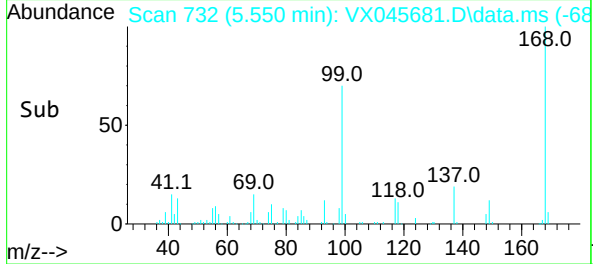
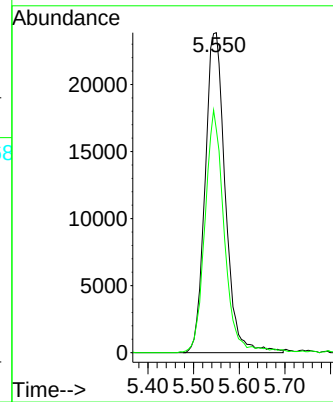
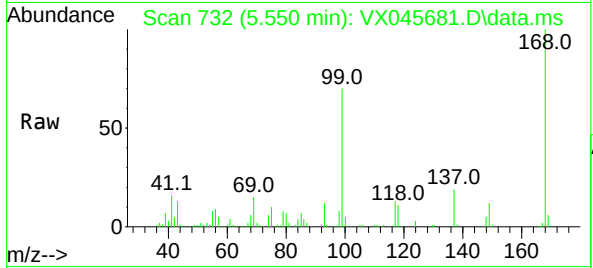




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

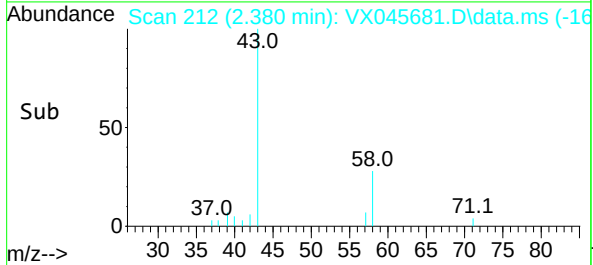
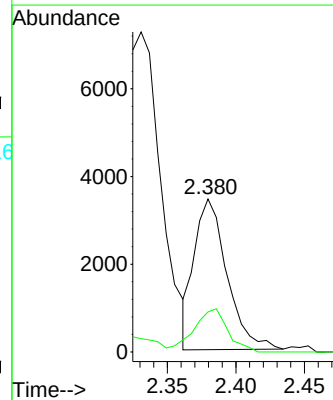
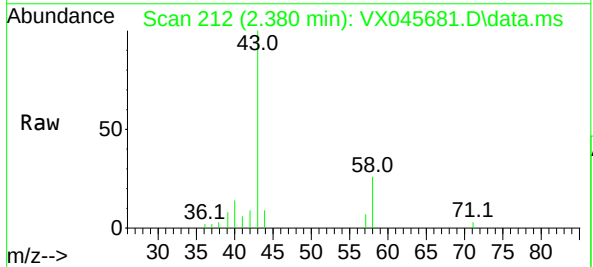
Instrument :
MSVOA_X
ClientSampleId :
MW4

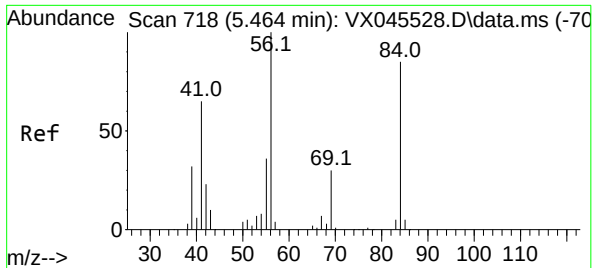
Tgt Ion:168 Resp: 73129
Ion Ratio Lower Upper
168 100
99 69.5 52.3 78.5



#16
Acetone
Concen: 10.361 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 43 Resp: 5690
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5





#31

Cyclohexane

Concen: 96.311 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.000 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

MW4

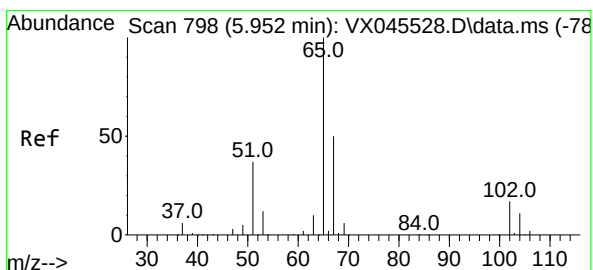
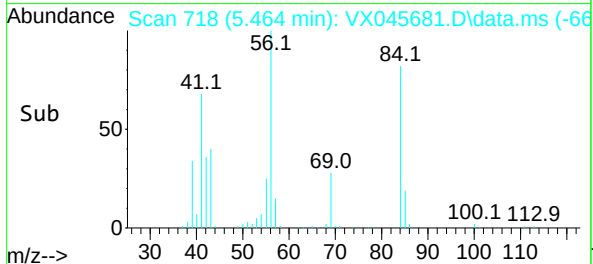
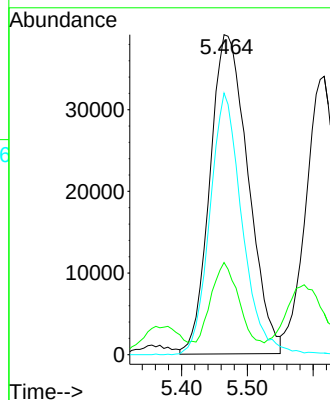
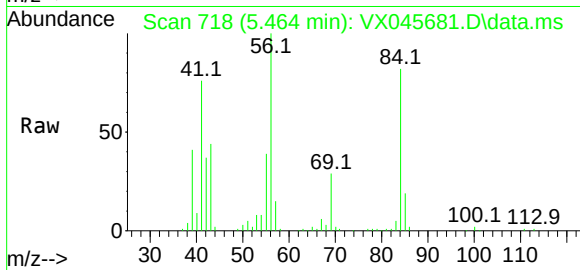
Tgt Ion: 56 Resp: 157999

Ion Ratio Lower Upper

56 100

69 22.9 23.6 35.4#

84 82.7 67.7 101.5



#33

1,2-Dichloroethane-d4

Concen: 50.052 ug/l

RT: 5.946 min Scan# 797

Delta R.T. -0.006 min

Lab File: VX045681.D

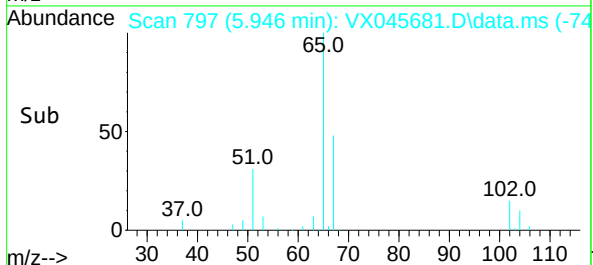
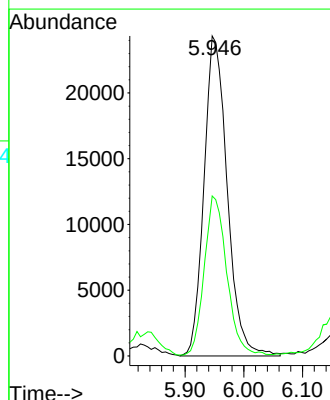
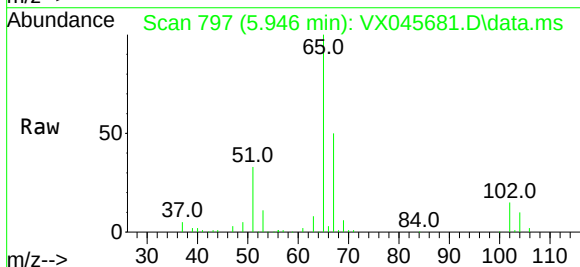
Acq: 09 Apr 2025 17:16

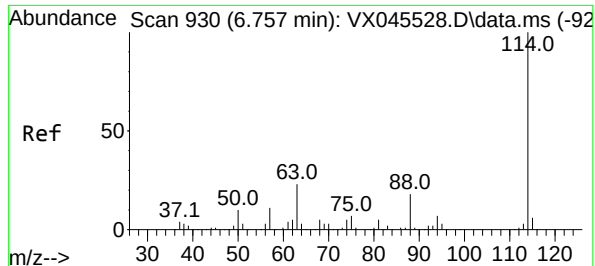
Tgt Ion: 65 Resp: 66936

Ion Ratio Lower Upper

65 100

67 47.8 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

MW4

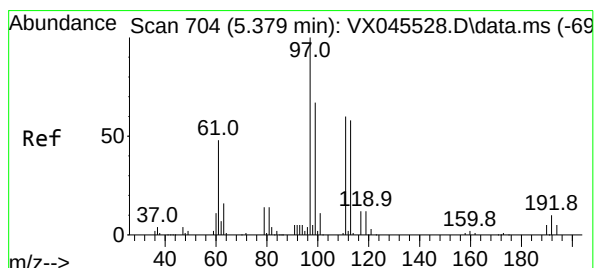
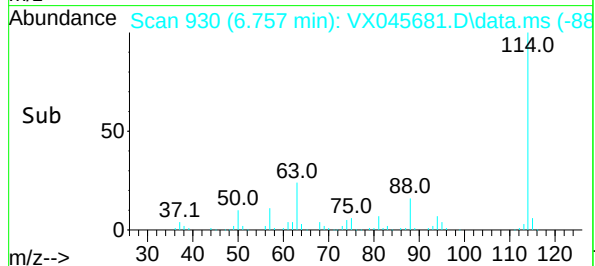
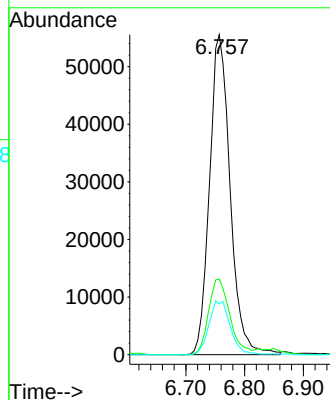
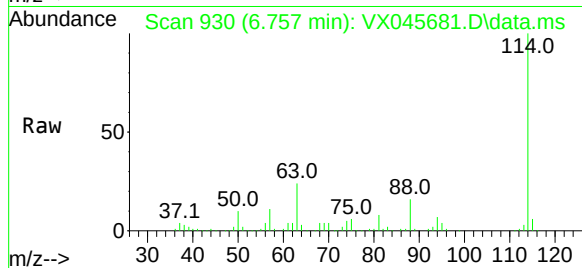
Tgt Ion:114 Resp: 135470

Ion Ratio Lower Upper

114 100

63 23.6 0.0 46.8

88 16.0 0.0 35.4



#35

Dibromofluoromethane

Concen: 50.917 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

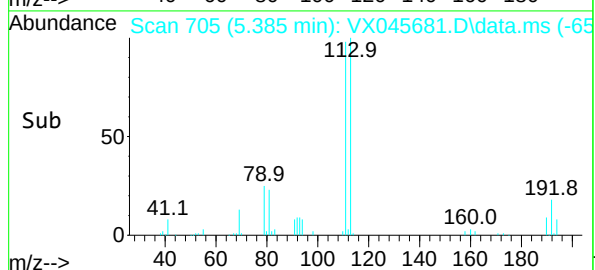
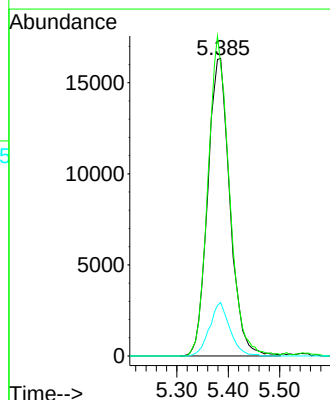
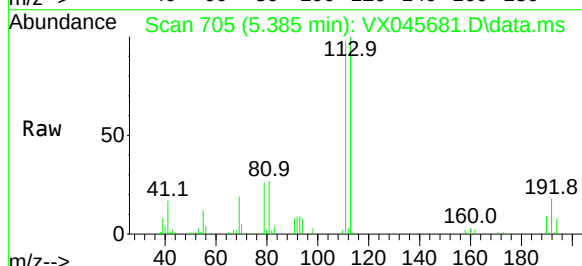
Tgt Ion:113 Resp: 48939

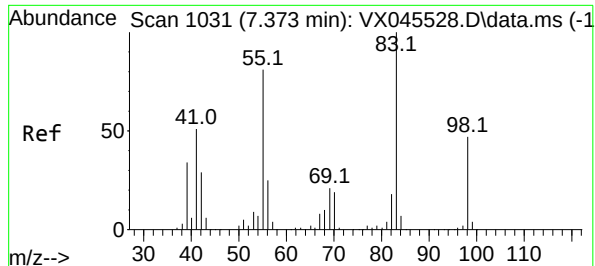
Ion Ratio Lower Upper

113 100

111 103.6 81.8 122.6

192 16.5 13.8 20.6





#39

Methylcyclohexane

Concen: 429.512 ug/l

RT: 7.379 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

MW4

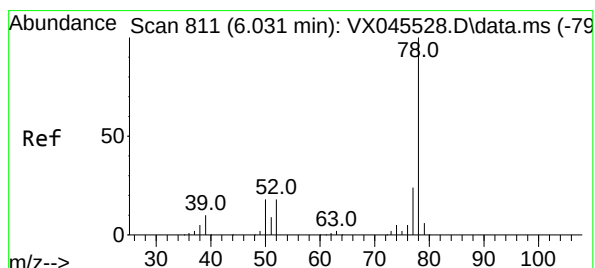
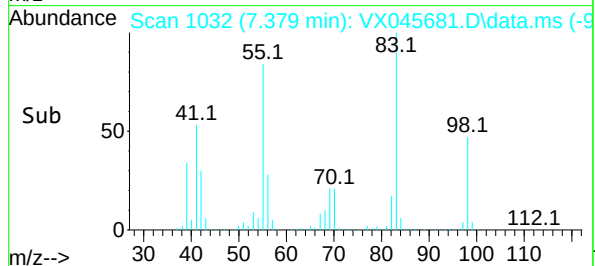
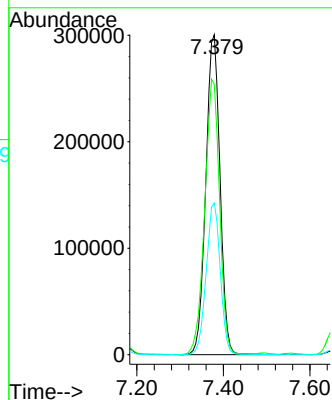
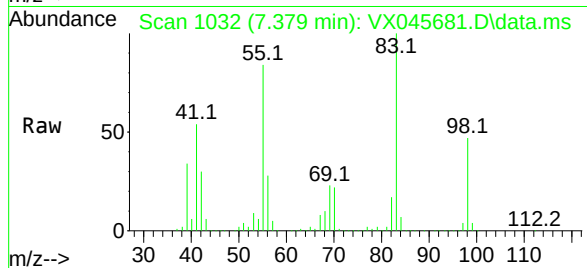
Tgt Ion: 83 Resp: 683265

Ion Ratio Lower Upper

83 100

55 84.4 64.9 97.3

98 47.4 37.4 56.0



#40

Benzene

Concen: 1.602 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX045681.D

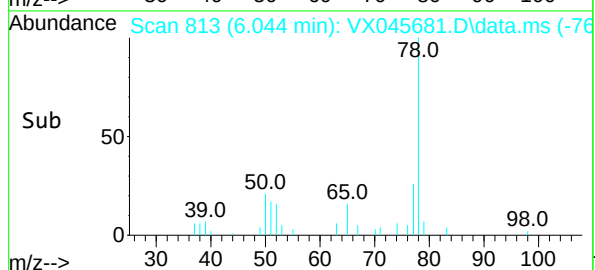
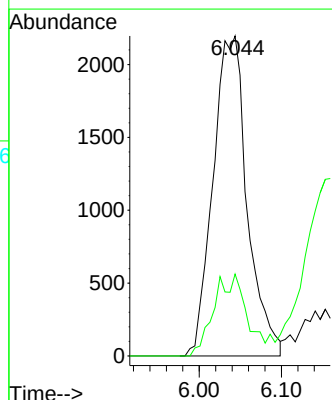
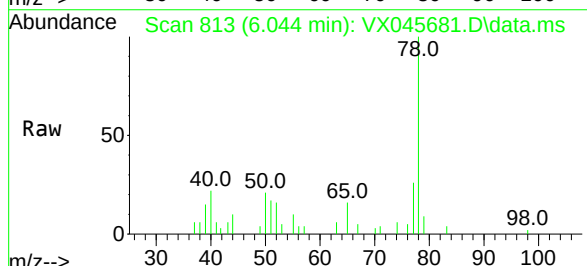
Acq: 09 Apr 2025 17:16

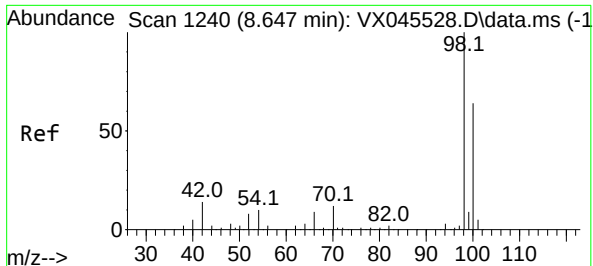
Tgt Ion: 78 Resp: 6348

Ion Ratio Lower Upper

78 100

77 25.6 19.0 28.6





#50

Toluene-d8

Concen: 52.291 ug/l

RT: 8.647 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

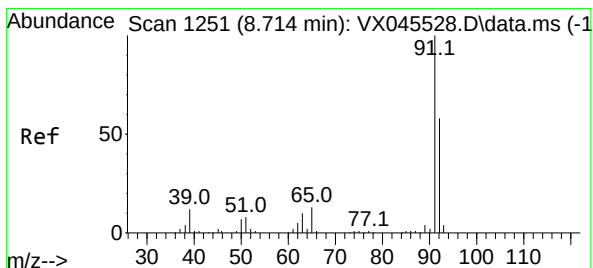
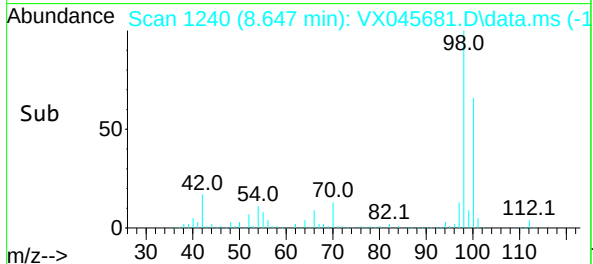
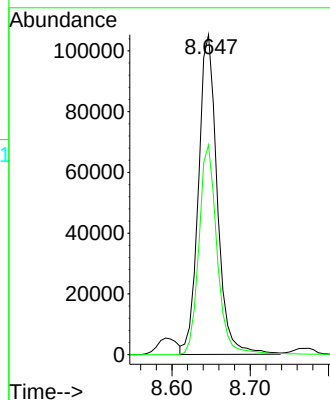
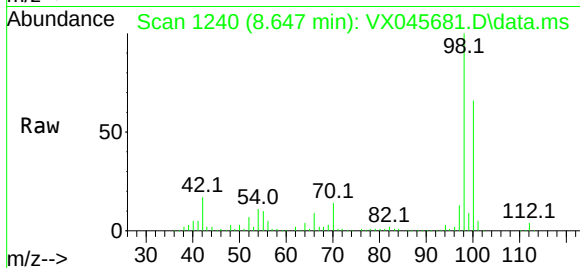
MW4

Tgt Ion: 98 Resp: 175427

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.4



#52

Toluene

Concen: 0.976 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.000 min

Lab File: VX045681.D

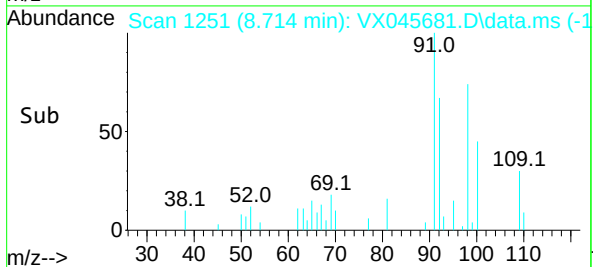
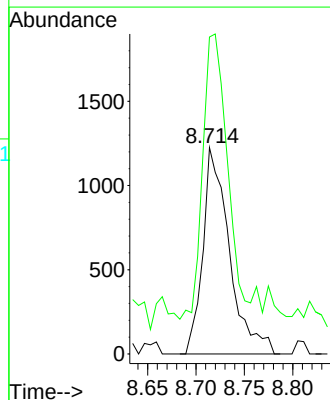
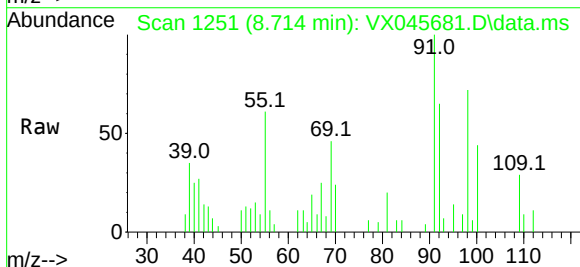
Acq: 09 Apr 2025 17:16

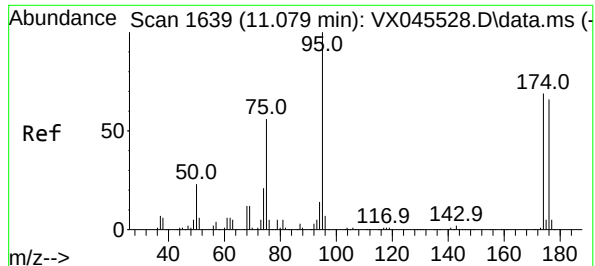
Tgt Ion: 92 Resp: 2340

Ion Ratio Lower Upper

92 100

91 128.4 138.7 208.1#

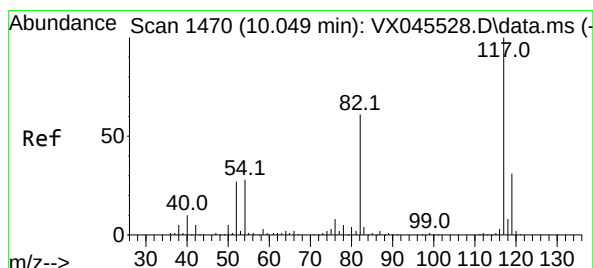
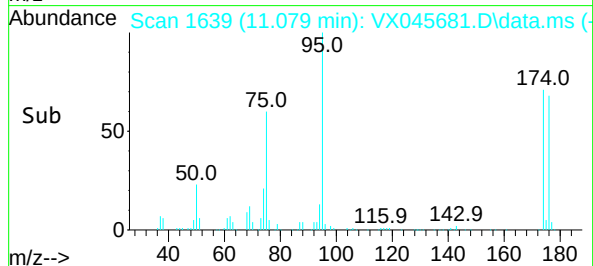
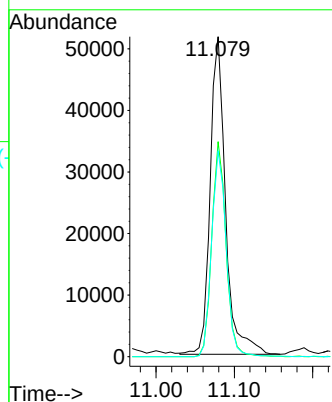
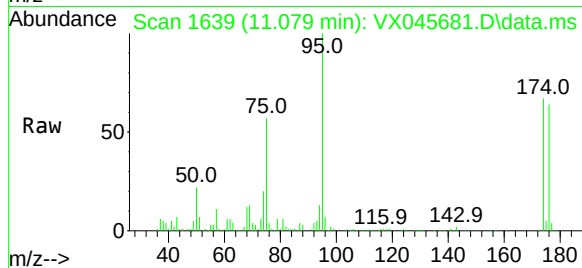




#62
4-Bromofluorobenzene
Concen: 57.411 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

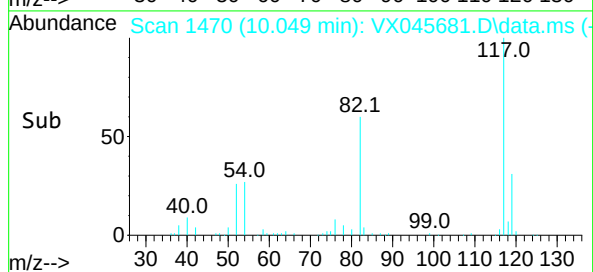
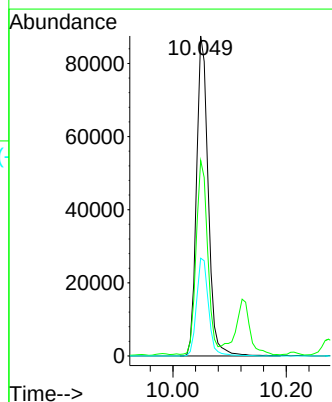
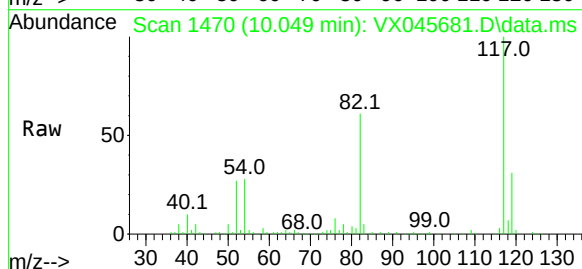
Instrument :
MSVOA_X
ClientSampleId :
MW4

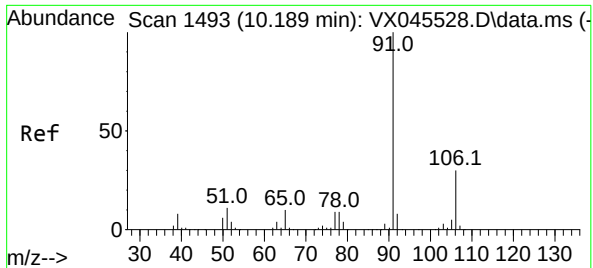
Tgt Ion: 95 Resp: 70156
Ion Ratio Lower Upper
95 100
174 62.7 0.0 135.8
176 61.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 117 Resp: 125359
Ion Ratio Lower Upper
117 100
82 60.7 49.2 73.8
119 30.5 25.1 37.7

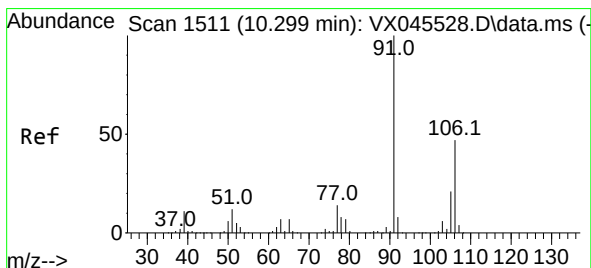
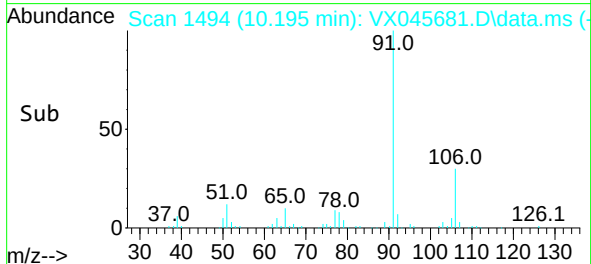
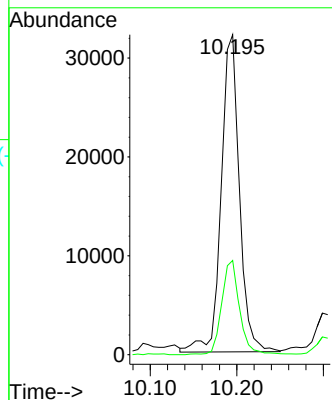
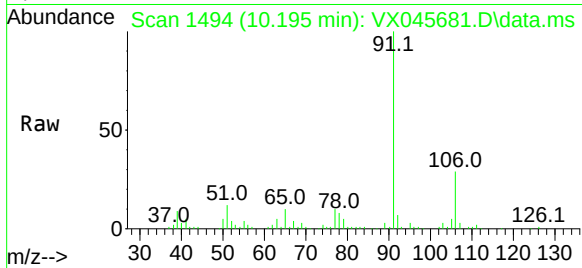




#67
Ethyl Benzene
Concen: 9.760 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

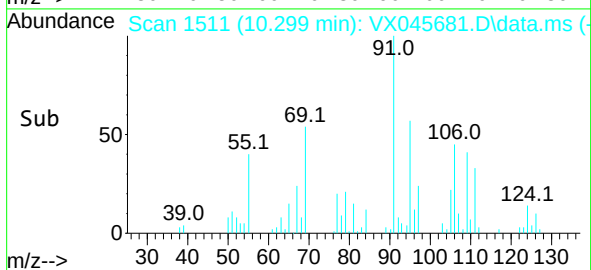
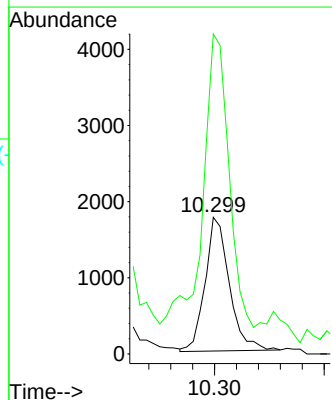
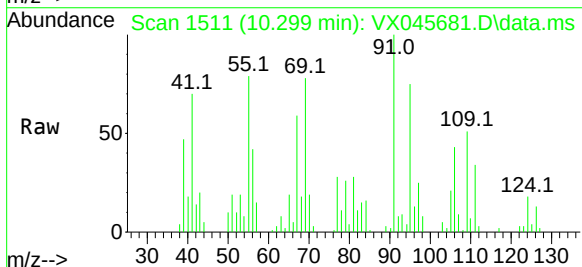
Instrument :
MSVOA_X
ClientSampleId :
MW4

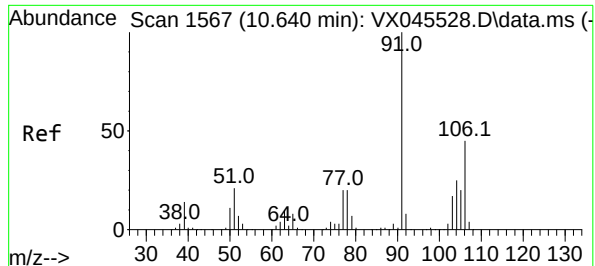
Tgt Ion: 91 Resp: 46826
Ion Ratio Lower Upper
91 100
106 29.8 23.7 35.5



#68
m/p-Xylenes
Concen: 1.543 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion: 106 Resp: 2692
Ion Ratio Lower Upper
106 100
91 236.0 172.6 258.8





#69

o-Xylene

Concen: 0.516 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

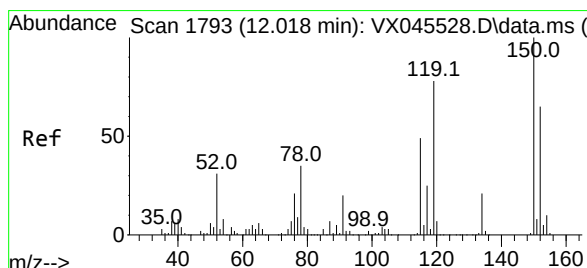
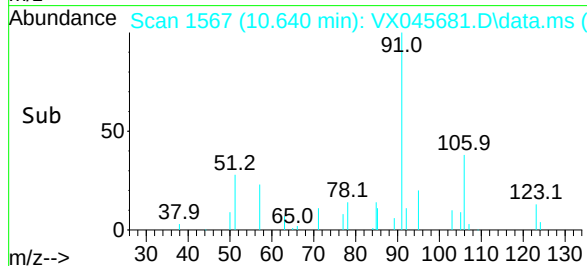
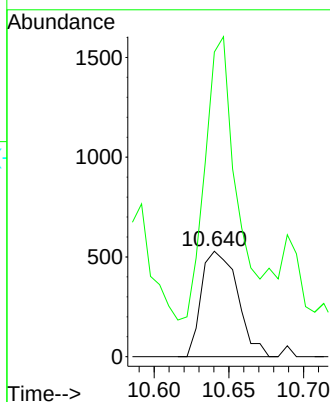
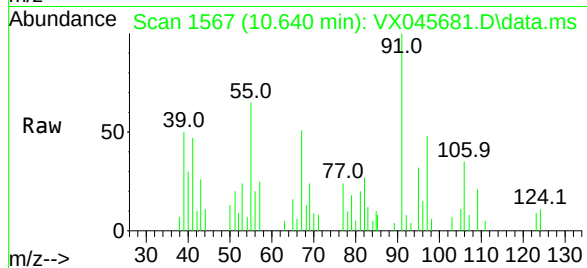
MW4

Tgt Ion:106 Resp: 887

Ion Ratio Lower Upper

106 100

91 245.3 113.6 340.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

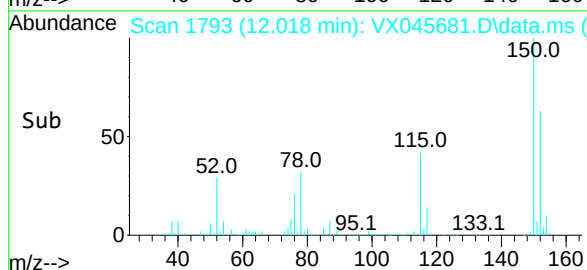
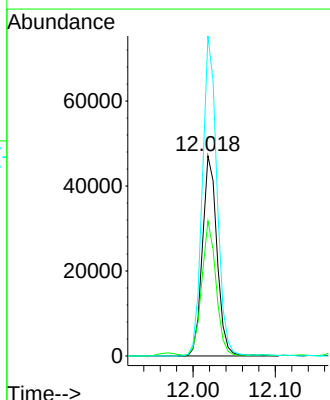
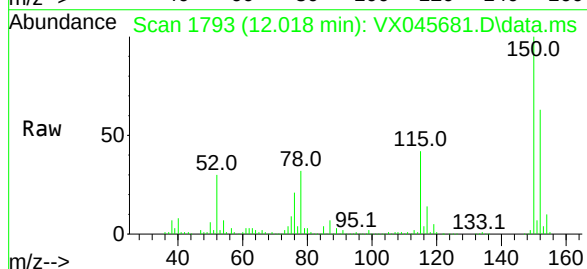
Tgt Ion:152 Resp: 58214

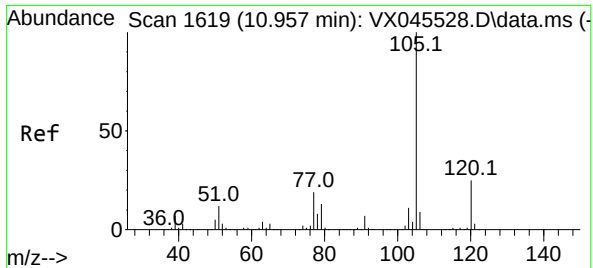
Ion Ratio Lower Upper

152 100

115 65.4 46.9 140.7

150 158.8 0.0 349.4





#73

Isopropylbenzene

Concen: 19.479 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VX045681.D

Acq: 09 Apr 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

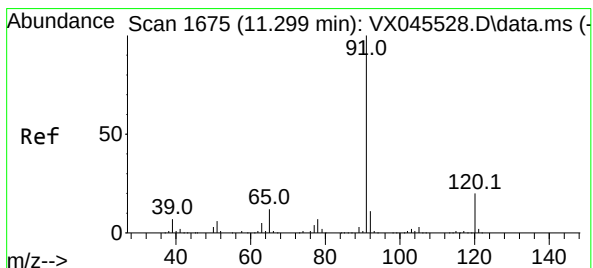
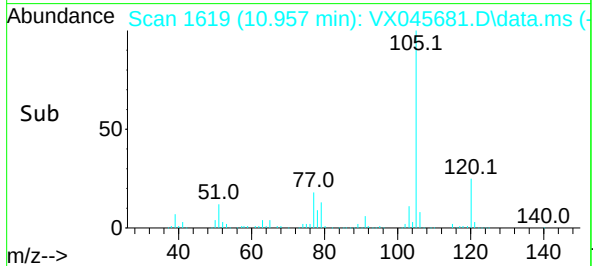
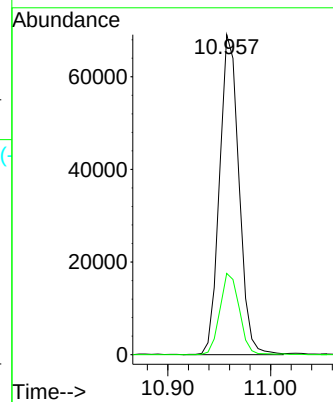
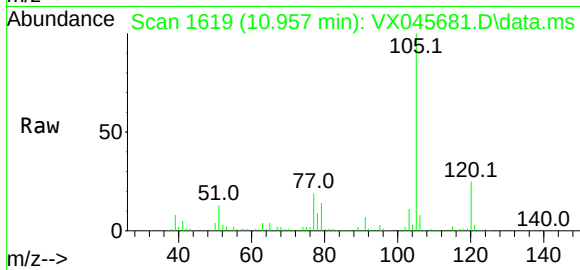
MW4

Tgt Ion:105 Resp: 90832

Ion Ratio Lower Upper

105 100

120 25.5 12.7 38.0



#78

n-propylbenzene

Concen: 77.378 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX045681.D

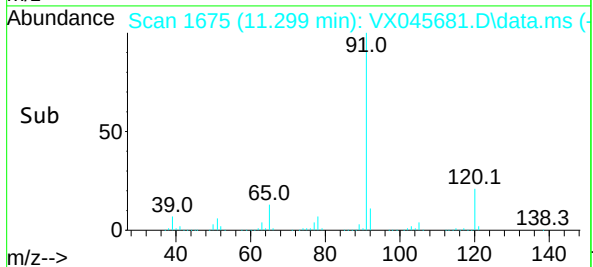
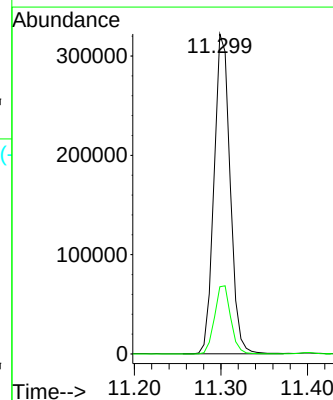
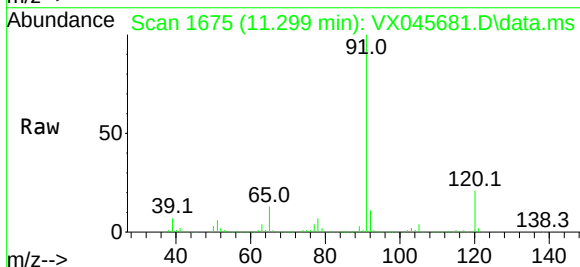
Acq: 09 Apr 2025 17:16

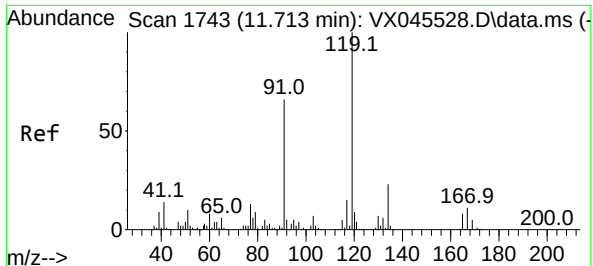
Tgt Ion: 91 Resp: 415596

Ion Ratio Lower Upper

91 100

120 21.4 10.8 32.3

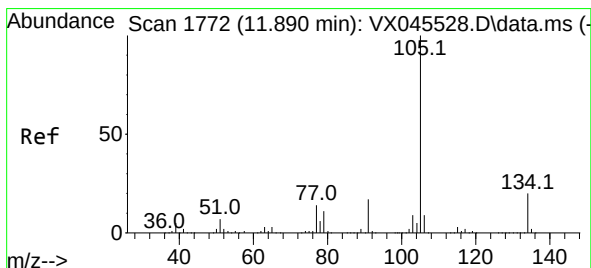
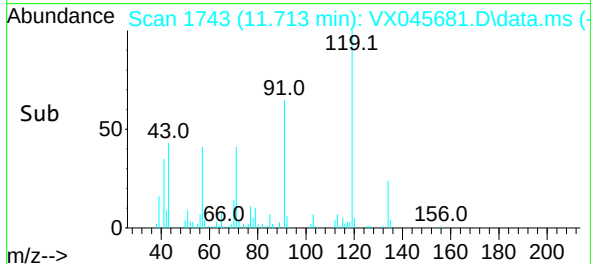
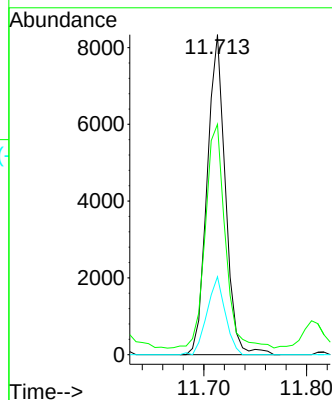
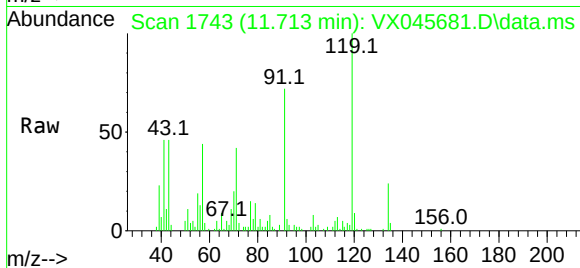




#83
tert-Butylbenzene
Concen: 2.687 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

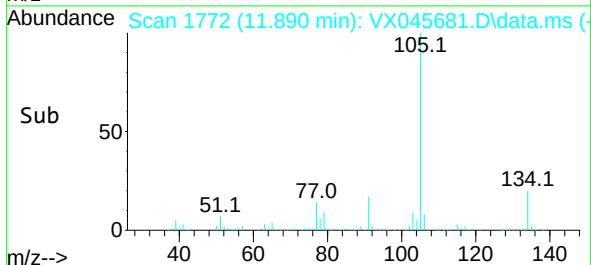
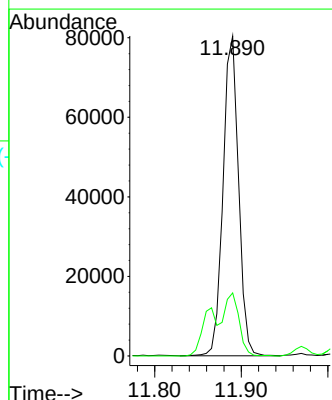
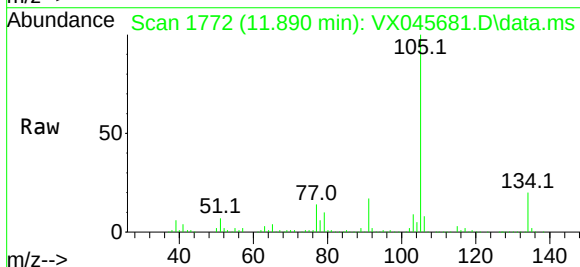
Instrument :
MSVOA_X
ClientSampleId :
MW4

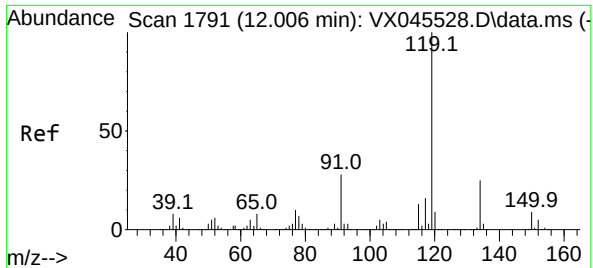
Tgt Ion	Ratio	Lower	Upper
119	100		
91	76.3	32.4	97.2
134	24.3	11.5	34.5



#85
sec-Butylbenzene
Concen: 21.245 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.9	9.6	28.6

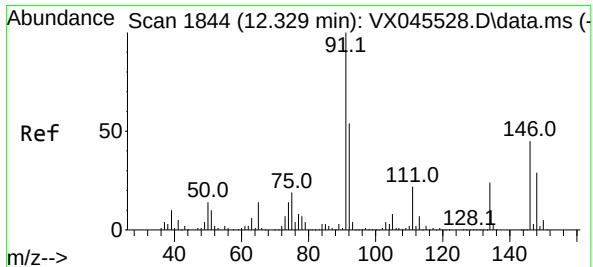
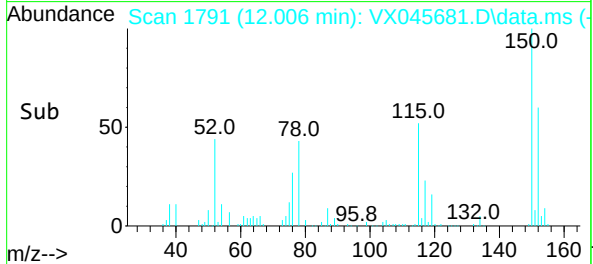
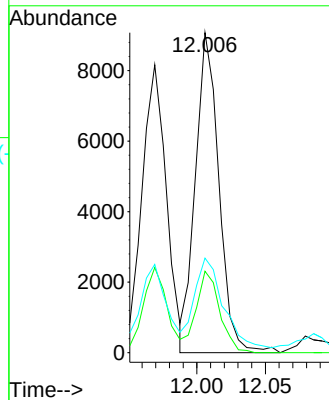
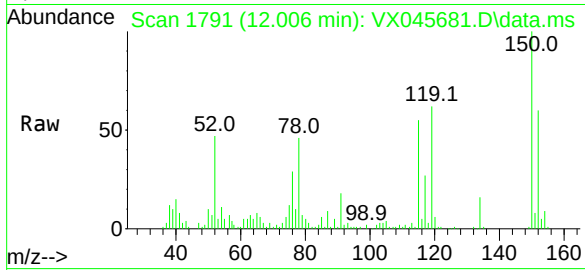




#86
p-Isopropyltoluene
Concen: 2.803 ug/l
RT: 12.006 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

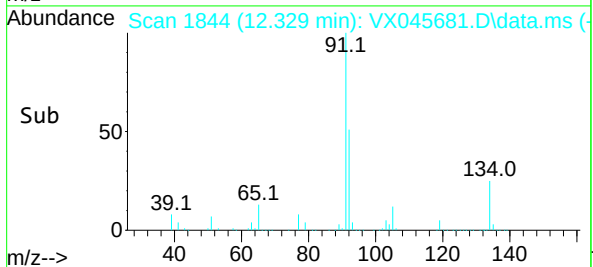
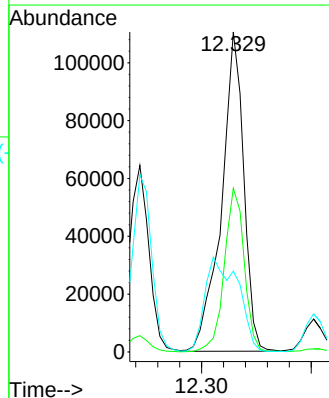
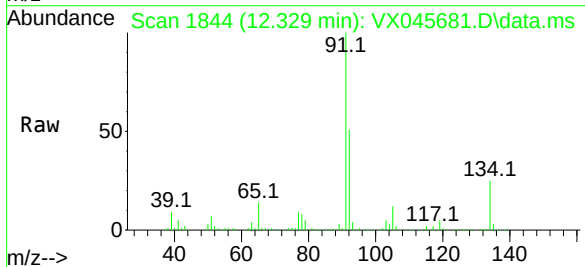
Instrument :
MSVOA_X
ClientSampleId :
MW4

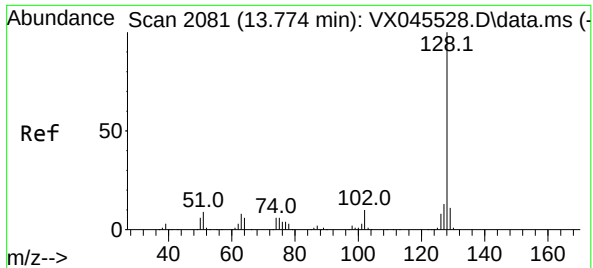
Tgt Ion:	119	Resp:	10835
Ion Ratio	Lower	Upper	
119	100		
134	25.7	12.6	37.8
91	33.8	13.7	41.1



#89
n-Butylbenzene
Concen: 46.435 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX045681.D
Acq: 09 Apr 2025 17:16

Tgt Ion:	91	Resp:	155654
Ion Ratio	Lower	Upper	
91	100		
92	45.9	26.9	80.6
134	44.0	11.9	35.7#





#95

Naphthalene

Concen: 2.801 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045681.D

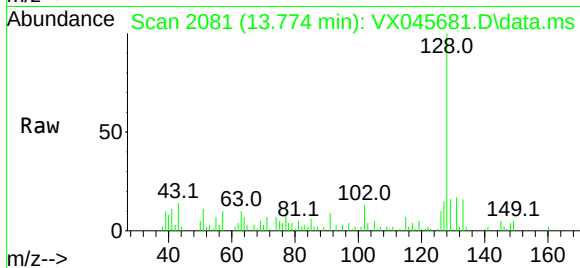
Acq: 09 Apr 2025 17:16

Instrument :

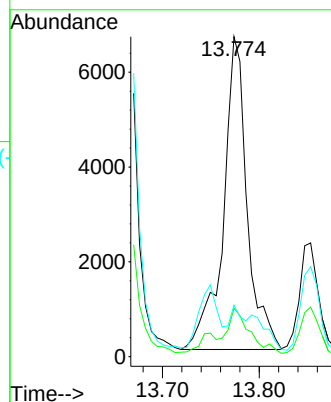
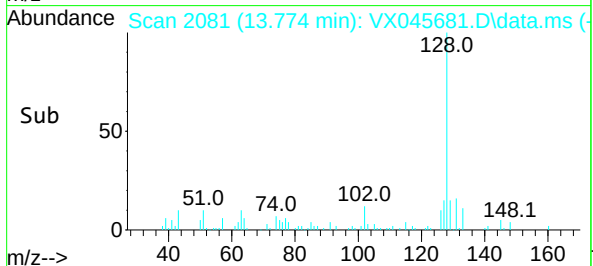
MSVOA_X

ClientSampleId :

MW4



Tgt Ion:	128	Resp:	11315
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	15.6	8.6	12.8#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M

Title : SW846 8260

Signal : TIC: VX045681.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.733	100	106	122	rVB	530924	725404	18.60%	1.585%
2	1.941	135	140	154	rVB	327637	479386	12.29%	1.047%
3	2.331	196	204	210	rBV	40293	80191	2.06%	0.175%
4	2.776	269	277	278	rVV	172061	309735	7.94%	0.677%
5	2.819	278	284	309	rVB	891856	2023462	51.89%	4.420%
6	3.093	318	329	349	rBV	569689	1282766	32.90%	2.802%
7	3.434	375	385	401	rBV	418592	962777	24.69%	2.103%
8	3.721	424	432	441	rBV	64431	153621	3.94%	0.336%
9	4.202	502	511	517	rVV2	52423	159935	4.10%	0.349%
10	4.294	517	526	539	rVV	396953	1142571	29.30%	2.496%
11	5.166	647	669	670	rBV6	39933	180692	4.63%	0.395%
12	5.379	690	704	710	rBV3	74078	236966	6.08%	0.518%
13	5.489	710	722	735	rVV5	270419	1405541	36.04%	3.070%
14	5.611	736	742	763	rVB3	184073	661099	16.95%	1.444%
15	5.818	764	776	790	rBV3	389939	1233350	31.63%	2.694%
16	5.952	790	798	808	rVB2	61914	158652	4.07%	0.347%
17	6.153	816	831	840	rBV2	275981	889028	22.80%	1.942%
18	6.251	840	847	855	rVV	249662	693189	17.78%	1.514%
19	6.348	855	863	876	rVB	362500	1040120	26.67%	2.272%
20	6.604	892	905	918	rBV2	170237	429593	11.02%	0.938%
21	6.757	921	930	935	rBV	144143	375272	9.62%	0.820%
22	6.836	936	943	957	rVB3	186886	619278	15.88%	1.353%
23	7.062	972	980	989	rVB	41014	95838	2.46%	0.209%
24	7.165	989	997	1005	rBV3	93484	213906	5.49%	0.467%
25	7.373	1018	1031	1044	rBV	1615336	3899457	100.00%	8.518%
26	7.653	1070	1077	1090	rBV	242927	496117	12.72%	1.084%
27	7.769	1090	1096	1104	rVB	92720	187531	4.81%	0.410%
28	7.879	1104	1114	1121	rBV6	38031	153213	3.93%	0.335%
29	7.952	1121	1126	1131	rVV	71080	121814	3.12%	0.266%
30	8.092	1143	1149	1152	rBV2	54578	98590	2.53%	0.215%
31	8.141	1152	1157	1161	rVV	145907	234328	6.01%	0.512%
32	8.190	1161	1165	1174	rVB4	52468	126404	3.24%	0.276%
33	8.305	1174	1184	1194	rBV5	113050	318591	8.17%	0.696%
34	8.433	1200	1205	1209	rBV	49848	84361	2.16%	0.184%
35	8.500	1211	1216	1225	rVB3	113088	228087	5.85%	0.498%
36	8.598	1225	1232	1235	rBV2	337812	619524	15.89%	1.353%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

A
B
C
D
E
F
G
H
I
J

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\82X040225W.M
Title : SW846 8260

37	8.641	1235	1239	1250	rVB2	364846	714829	18.33%	1.561%
38	8.769	1250	1260	1264	rBV	153879	305061	7.82%	0.666%
39	8.842	1269	1272	1278	rVB2	84698	135734	3.48%	0.296%
40	8.921	1278	1285	1289	rBV2	141770	250470	6.42%	0.547%
41	8.970	1289	1293	1299	rBV	204070	312464	8.01%	0.683%
42	9.098	1306	1314	1319	rBV2	161141	303530	7.78%	0.663%
43	9.159	1319	1324	1334	rVB2	250349	440153	11.29%	0.961%
44	9.427	1364	1368	1370	rBV	65435	95620	2.45%	0.209%
45	9.458	1370	1373	1376	rVV	81026	113762	2.92%	0.248%
46	9.500	1376	1380	1385	rVV4	121413	245559	6.30%	0.536%
47	9.561	1385	1390	1394	rVV	253392	379016	9.72%	0.828%
48	9.604	1394	1397	1402	rVV2	124597	212831	5.46%	0.465%
49	9.756	1416	1422	1428	rBV2	70055	129153	3.31%	0.282%
50	10.049	1466	1470	1475	rVV	292231	400287	10.27%	0.874%
51	10.122	1479	1482	1485	rVV	100256	148175	3.80%	0.324%
52	10.195	1490	1494	1501	rVV	76886	130737	3.35%	0.286%
53	10.275	1501	1507	1509	rVV2	50352	86272	2.21%	0.188%
54	10.585	1551	1558	1565	rVB3	49356	104688	2.68%	0.229%
55	10.774	1582	1589	1592	rBV2	71662	120576	3.09%	0.263%
56	10.957	1615	1619	1623	rBV	190032	255789	6.56%	0.559%
57	11.079	1634	1639	1644	rBV	267463	363096	9.31%	0.793%
58	11.299	1670	1675	1685	rVB	676592	869182	22.29%	1.899%
59	11.610	1722	1726	1734	rVB2	56648	86495	2.22%	0.189%
60	11.860	1761	1767	1769	rBV	139500	182591	4.68%	0.399%
61	11.890	1769	1772	1777	rVB	202714	250115	6.41%	0.546%
62	12.018	1788	1793	1799	rVV	335291	433656	11.12%	0.947%
63	12.177	1814	1819	1824	rVB	59090	81403	2.09%	0.178%
64	12.244	1824	1830	1836	rBV	1061165	1338908	34.34%	2.925%
65	12.311	1836	1841	1843	rBV	371383	518035	13.28%	1.132%
66	12.402	1851	1856	1862	rBV	148097	181646	4.66%	0.397%
67	12.463	1862	1866	1872	rVB	62739	82505	2.12%	0.180%
68	12.609	1882	1890	1894	rBV	1707581	2123023	54.44%	4.637%
69	12.640	1894	1895	1900	rVB	275852	253038	6.49%	0.553%
70	12.695	1900	1904	1912	rBV2	727956	1120232	28.73%	2.447%
71	12.835	1923	1927	1932	rVB3	70117	103547	2.66%	0.226%
72	12.920	1932	1941	1947	rBV	948536	1196781	30.69%	2.614%
73	13.024	1954	1958	1966	rVV2	143500	221858	5.69%	0.485%
74	13.134	1973	1976	1978	rVV	114796	150233	3.85%	0.328%
75	13.164	1978	1981	1992	rVV	621149	839822	21.54%	1.834%
76	13.256	1992	1996	1997	rVV2	96994	103238	2.65%	0.226%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

77	13.286	1997	2001	2008	rVV2	1217953	1832918	47.00%	4.004%
78	13.365	2012	2014	2020	rVV2	115094	179520	4.60%	0.392%
79	13.420	2020	2023	2031	rVB	84587	123285	3.16%	0.269%
80	13.506	2032	2037	2039	rBV	127128	164327	4.21%	0.359%
81	13.542	2039	2043	2046	rVV	325460	447964	11.49%	0.978%
82	13.579	2046	2049	2053	rVV2	330189	479368	12.29%	1.047%
83	13.640	2053	2059	2060	rVV2	156552	250204	6.42%	0.547%
84	13.658	2060	2062	2071	rVV2	304082	474614	12.17%	1.037%
85	13.847	2088	2093	2099	rVB2	103744	156539	4.01%	0.342%
86	13.926	2099	2106	2110	rBV2	185799	284248	7.29%	0.621%
87	13.969	2110	2113	2117	rVB2	99715	114463	2.94%	0.250%
88	14.073	2125	2130	2134	rBV	215824	266527	6.83%	0.582%
89	14.213	2148	2153	2163	rBV2	209137	413446	10.60%	0.903%
90	14.316	2166	2170	2175	rVV	84153	117982	3.03%	0.258%
91	14.371	2175	2179	2183	rVB	138215	167136	4.29%	0.365%
92	14.475	2192	2196	2202	rBV2	139897	209766	5.38%	0.458%
93	14.633	2214	2222	2227	rBV	456489	636111	16.31%	1.389%
94	14.774	2240	2245	2251	rBV	385098	527506	13.53%	1.152%
95	15.371	2338	2343	2346	rBV	71955	105520	2.71%	0.230%
96	15.475	2354	2360	2373	rVV	197403	336295	8.62%	0.735%
97	15.609	2373	2382	2386	rVV	282088	469441	12.04%	1.025%
98	15.646	2386	2388	2397	rVV	138479	206787	5.30%	0.452%
99	15.834	2409	2419	2434	rVV2	78593	214959	5.51%	0.470%
100	15.987	2437	2444	2456	rVB2	48674	97748	2.51%	0.214%

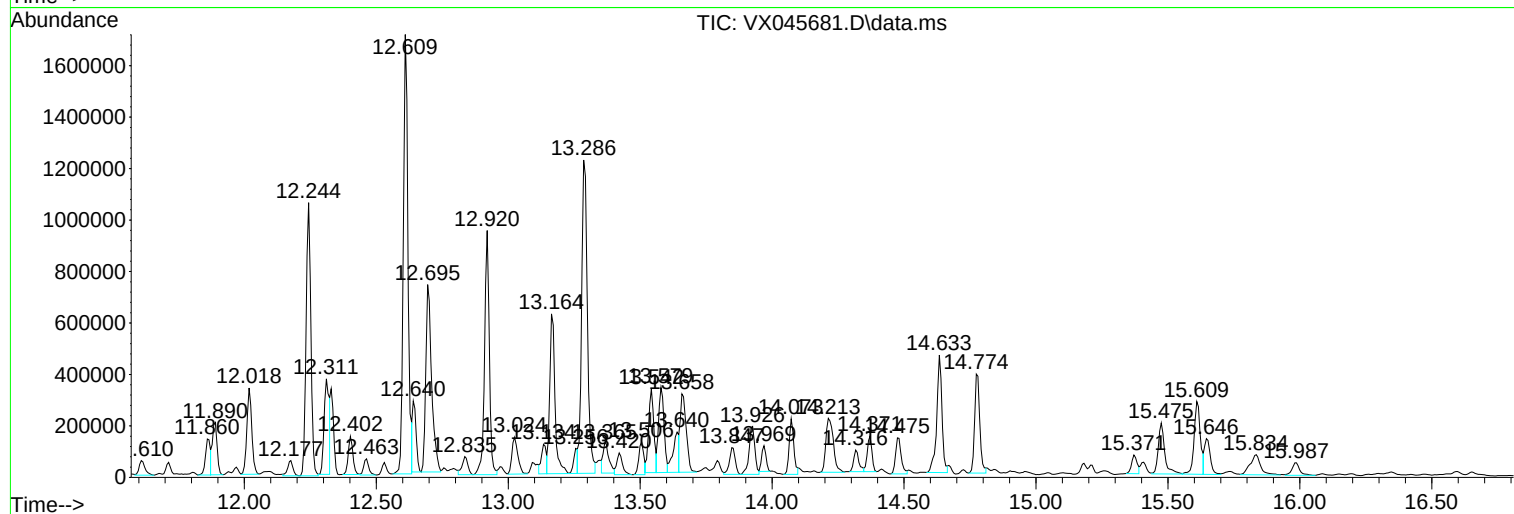
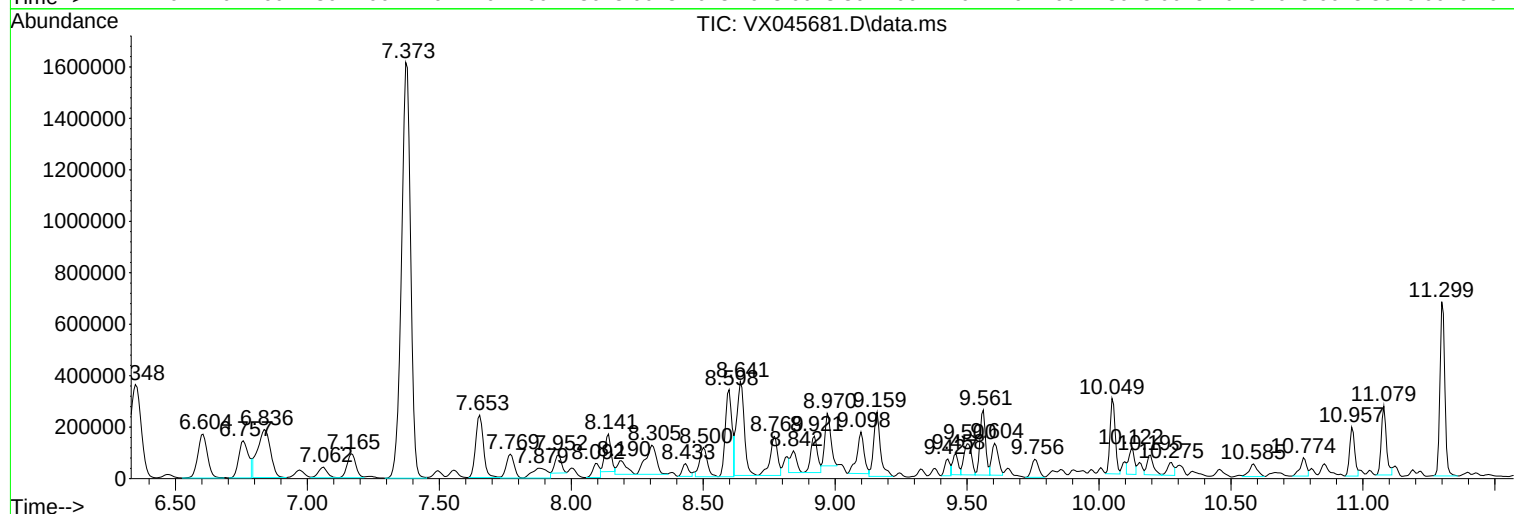
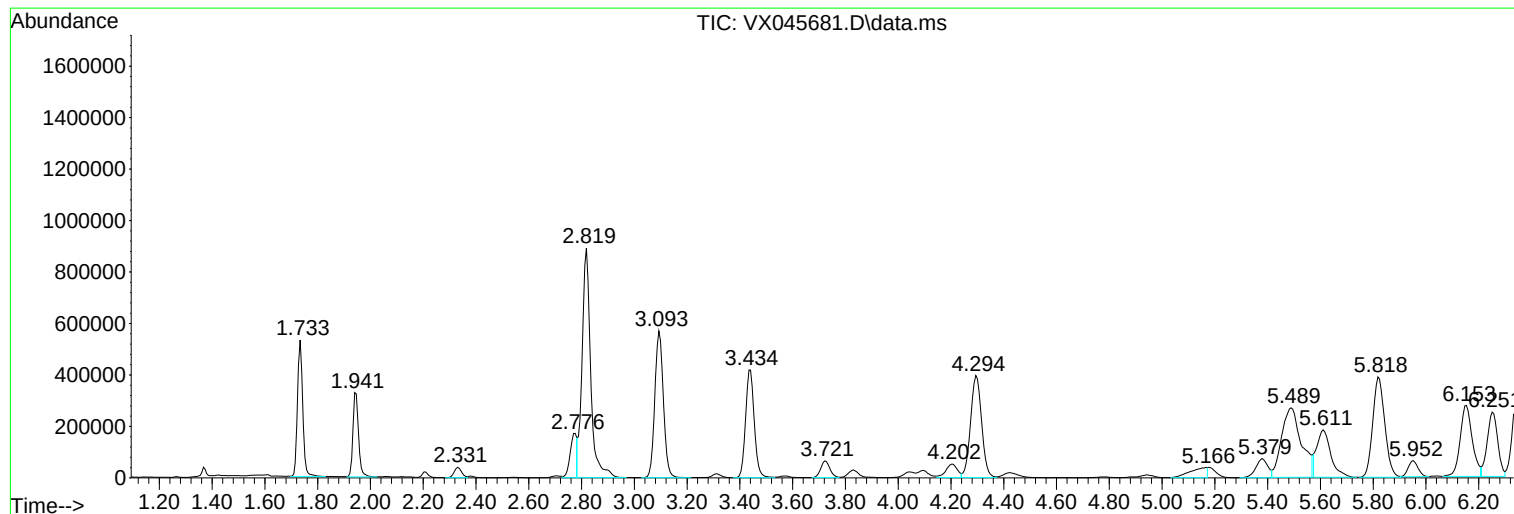
Sum of corrected areas: 45781173

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

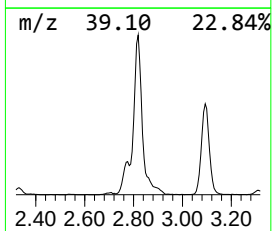
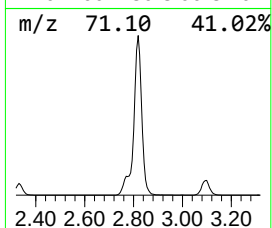
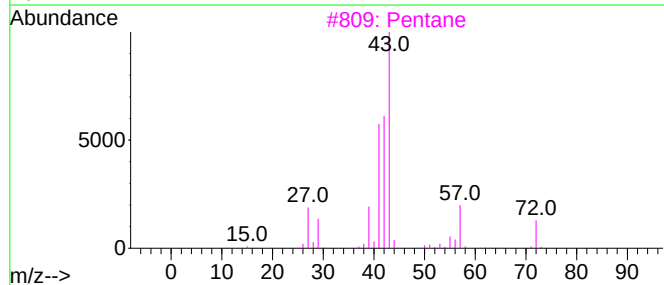
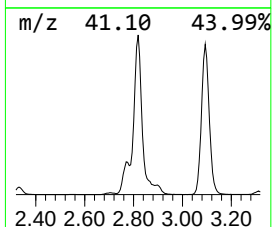
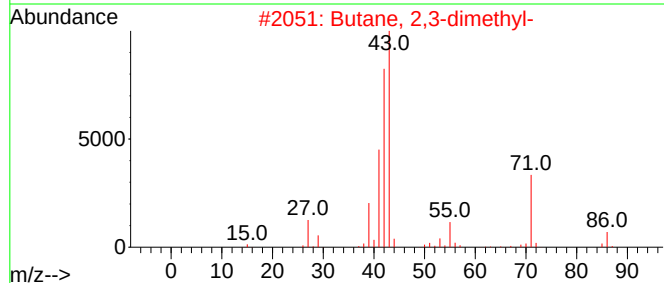
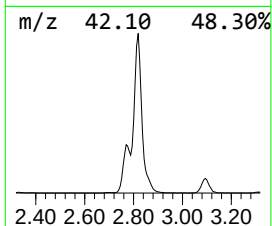
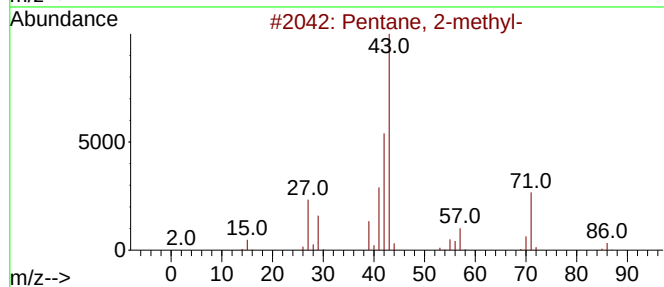
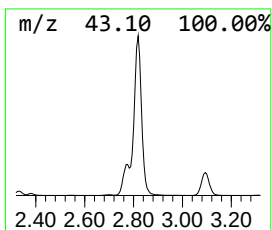
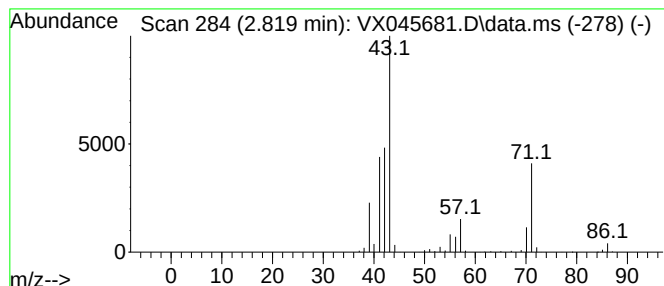
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 1 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	153.04 ug/l	2023460	Pentafluorobenzene	5.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	49
3			Pentane	72	C5H12	000109-66-0	43
4			1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	40
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	37



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

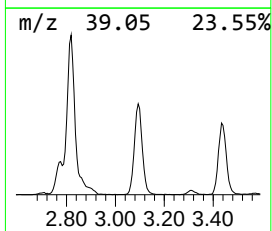
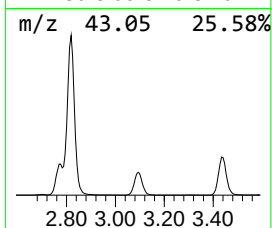
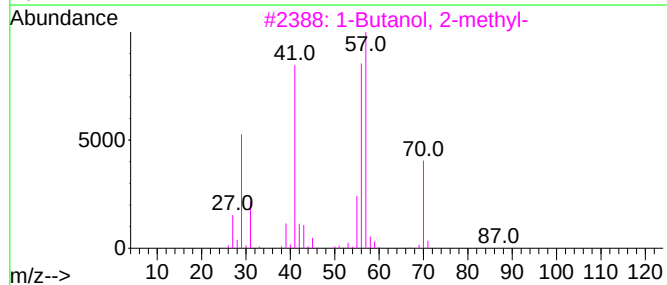
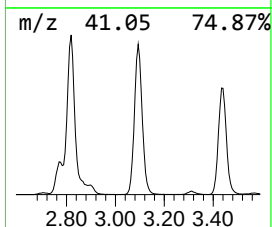
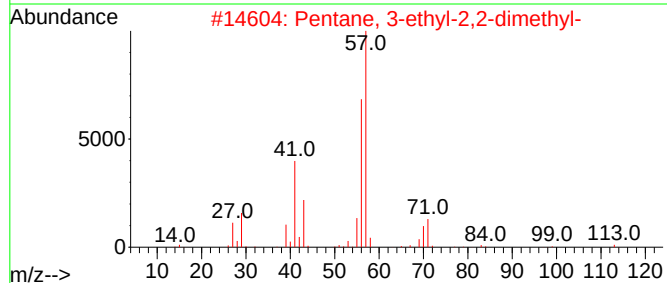
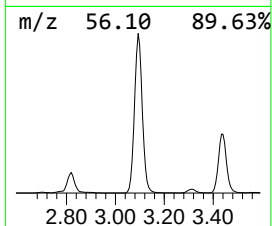
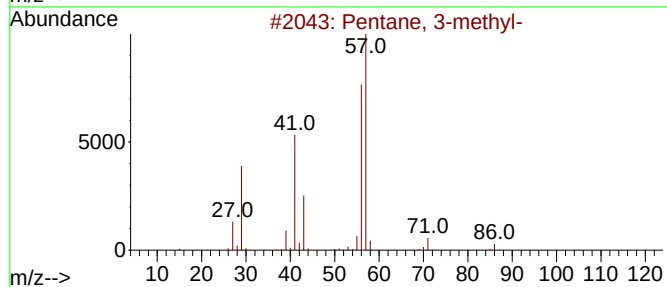
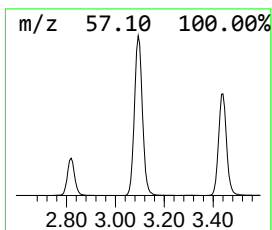
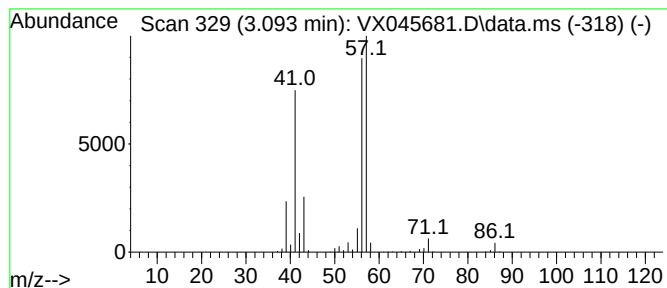
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	97.02 ug/l	1282770	Pentafluorobenzene	5.550

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentane, 3-methyl-	86	C6H14	000096-14-0	90
2		Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
3		1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40
4		Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	38
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

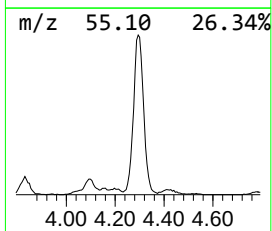
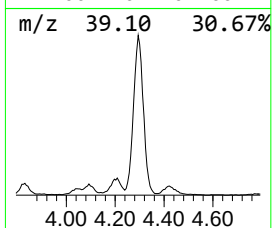
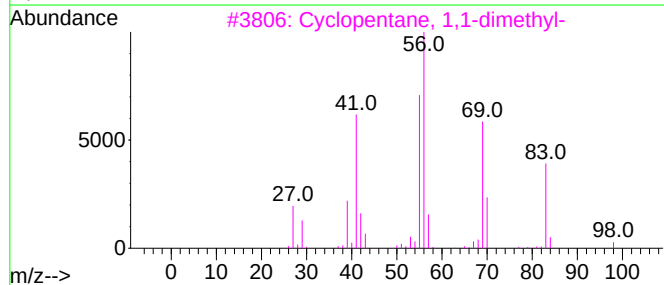
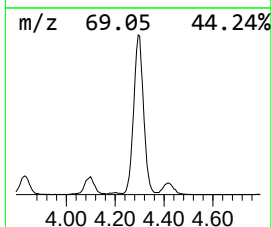
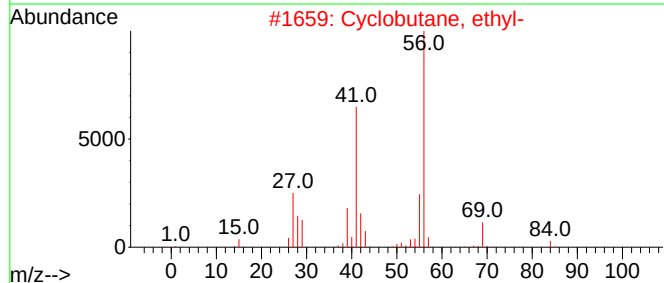
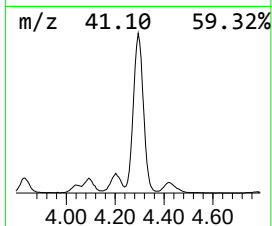
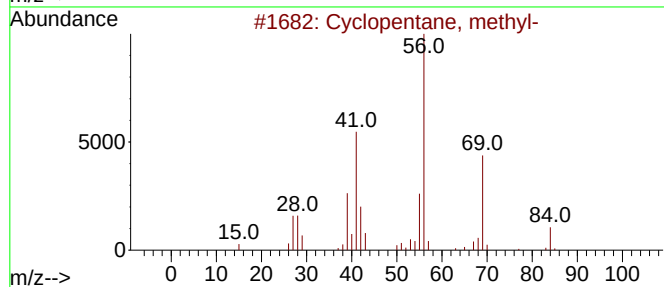
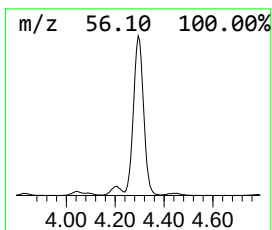
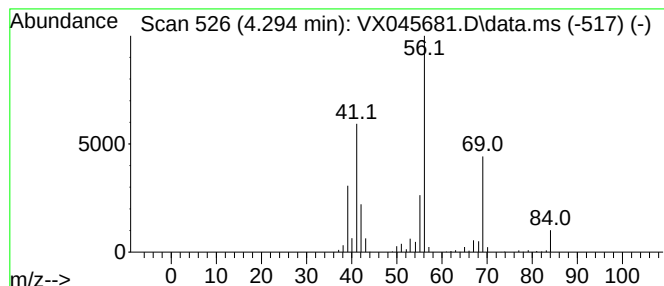
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 3 Cyclopentane, methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	86.41 ug/l	1142570	Pentafluorobenzene	5.550

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2			Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3			Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	56
4			1-Pentene, 2-methyl-	84	C6H12	000763-29-1	56
5			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

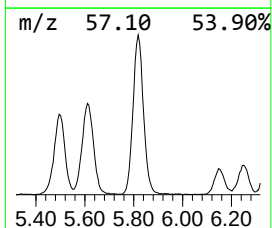
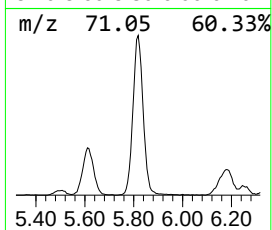
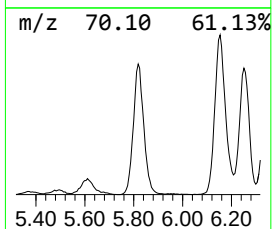
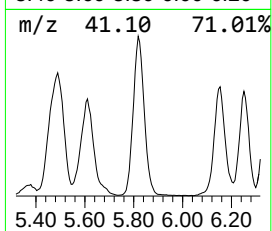
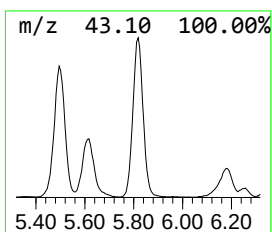
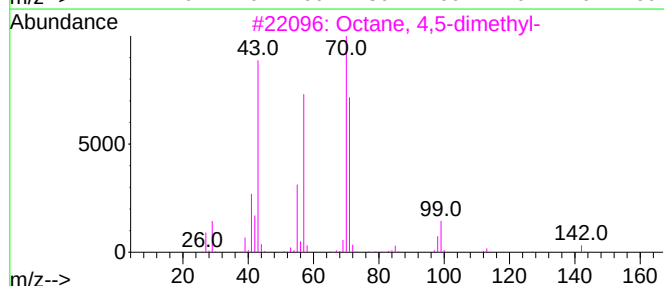
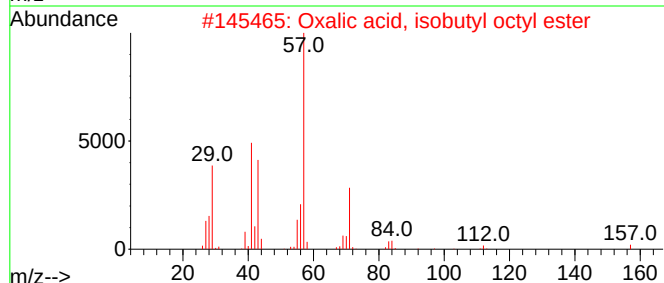
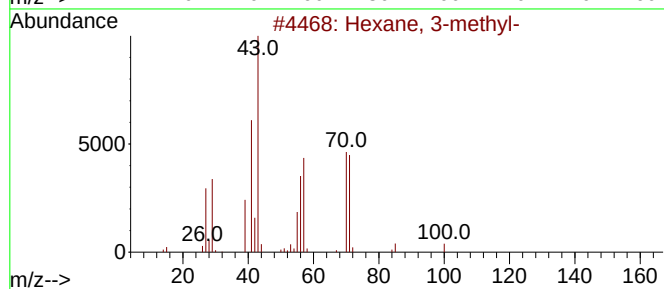
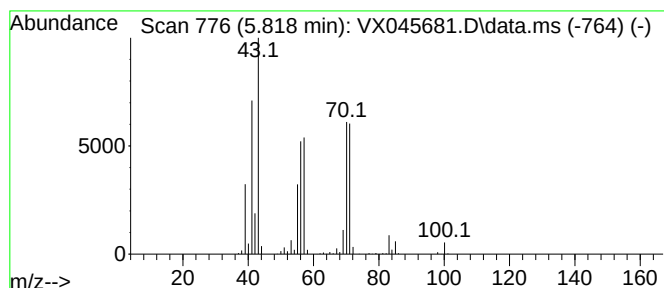
Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 4 Hexane, 3-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.818	93.28 ug/l	1233350	Pentafluorobenzene	5.550	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	95
2	Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53
3	Octane, 4,5-dimethyl-	142	C10H22	015869-96-2	53
4	Heptane, 4-methyl-	114	C8H18	000589-53-7	53
5	Heptane	100	C7H16	000142-82-5	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

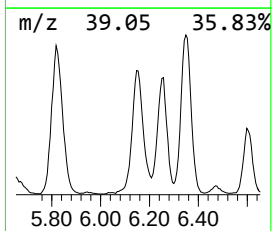
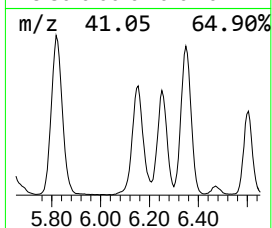
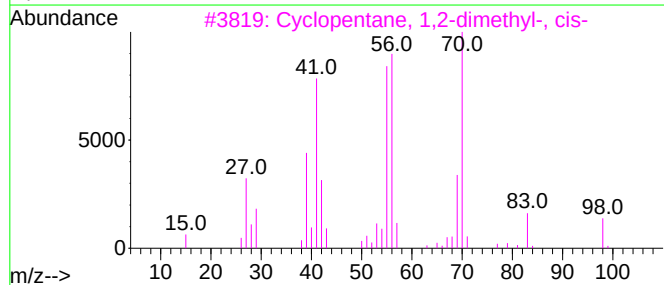
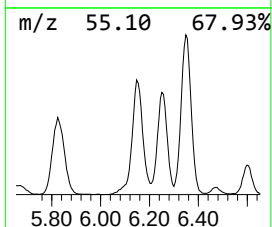
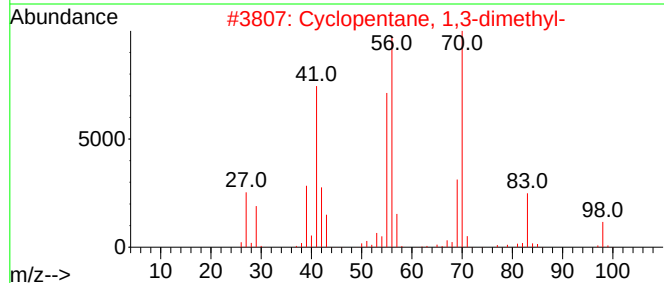
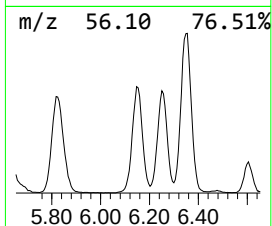
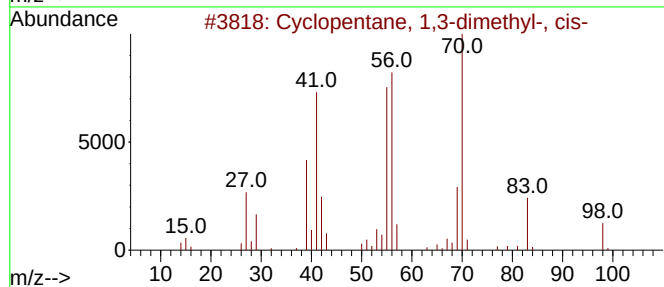
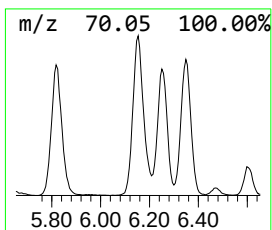
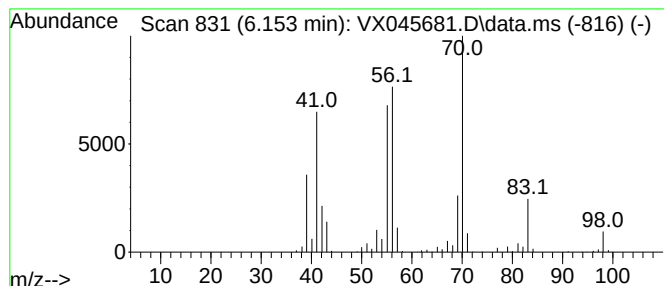
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane, 1,3-dimethyl-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.153	118.45 ug/l	889028	1,4-Difluorobenzene	6.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	97
2			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	95
3			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	95
4			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	93
5			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

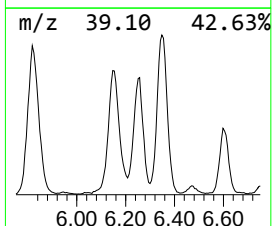
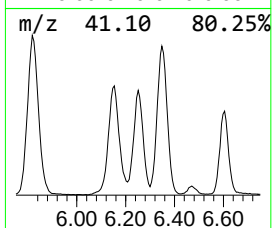
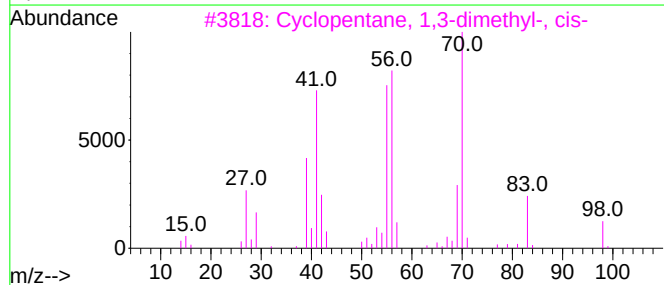
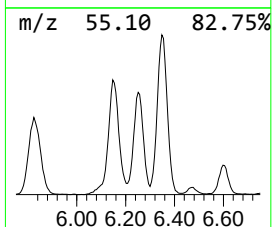
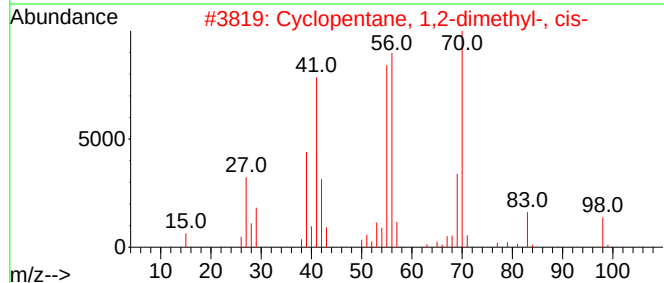
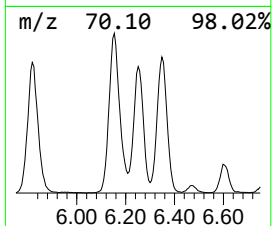
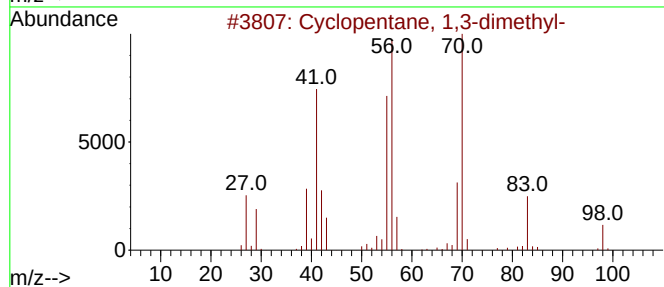
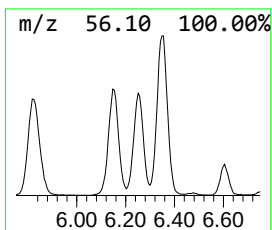
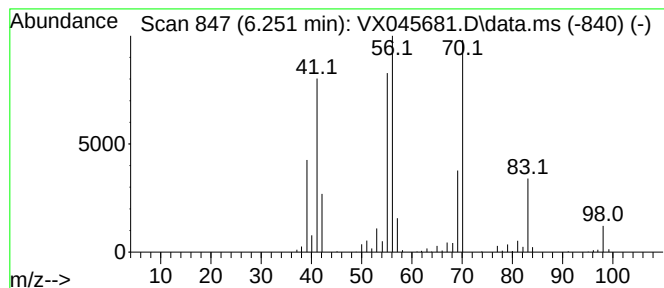
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclopentane, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.251	92.36 ug/l	693189	1,4-Difluorobenzene	6.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
3			Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4			Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	81
5			1-Heptene	98	C7H14	000592-76-7	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

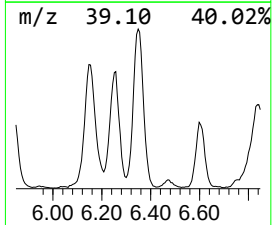
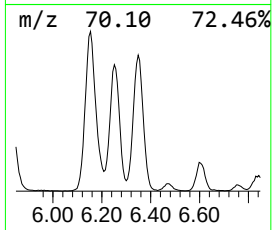
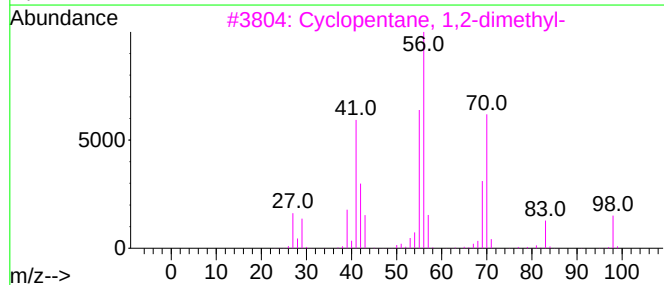
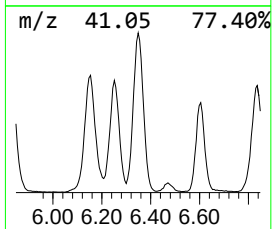
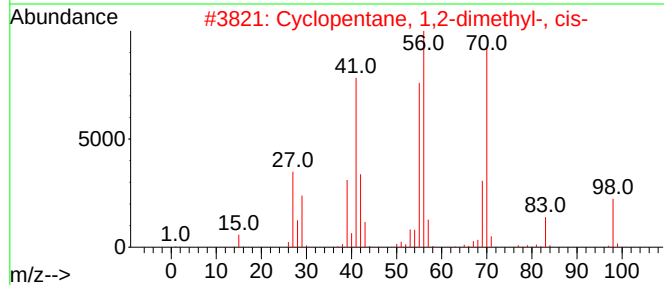
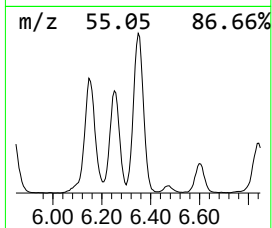
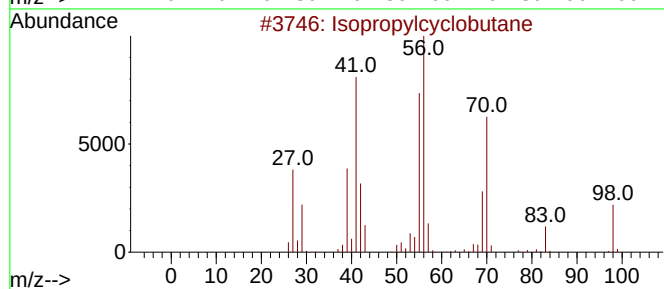
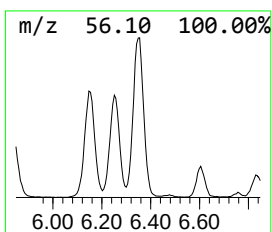
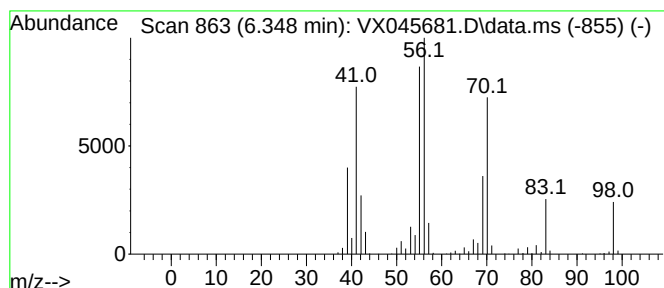
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 7 Isopropylcyclobutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.348	138.58 ug/l	1040120	1,4-Difluorobenzene	6.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropylcyclobutane	98	C7H14	000872-56-0	95
2			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	93
3			Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	81
4			Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	81
5			Cycloheptane	98	C7H14	000291-64-5	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

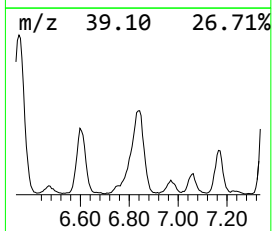
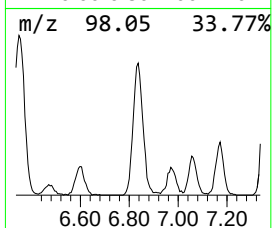
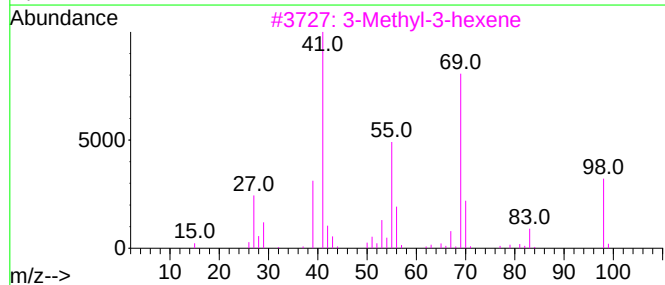
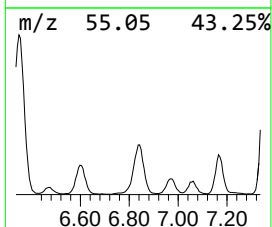
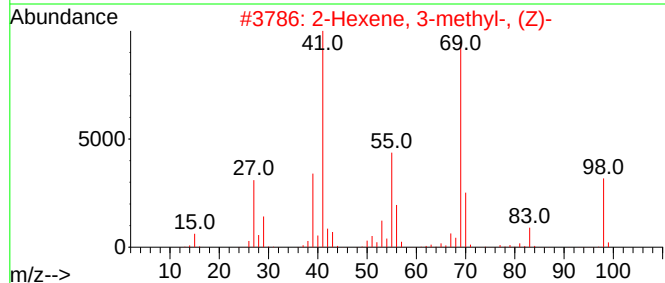
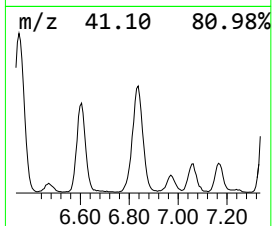
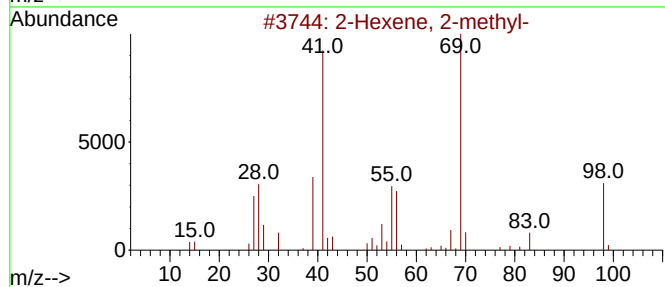
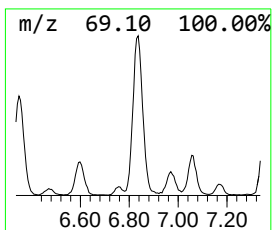
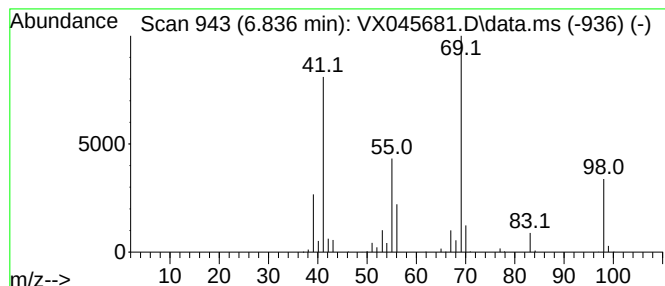
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 8 2-Hexene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.836	82.51 ug/l	619278	1,4-Difluorobenzene	6.757

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexene, 2-methyl-	98	C7H14	002738-19-4	91
2			2-Hexene, 3-methyl-, (Z)-	98	C7H14	010574-36-4	91
3			3-Methyl-3-hexene	98	C7H14	003404-65-7	91
4			3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	86
5			4-Methyl-2-hexene,c&t	98	C7H14	003404-55-5	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

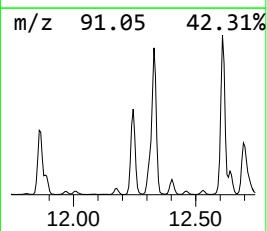
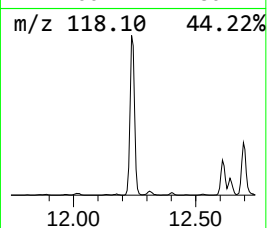
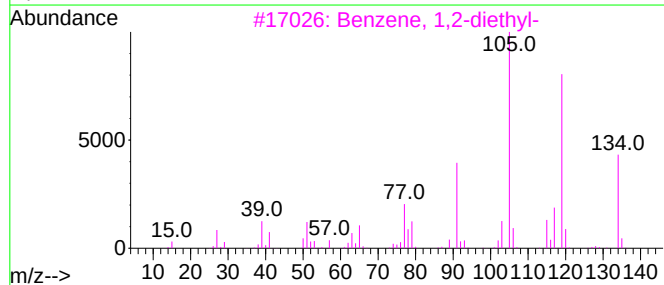
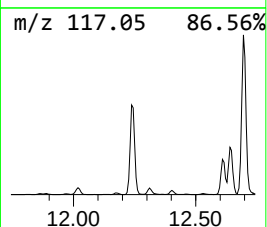
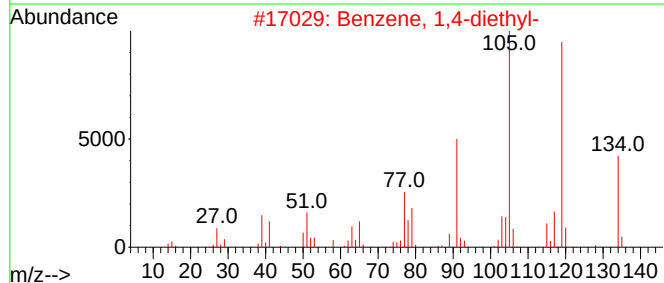
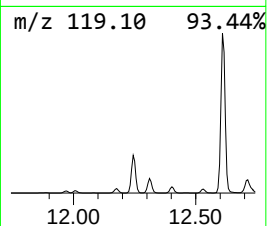
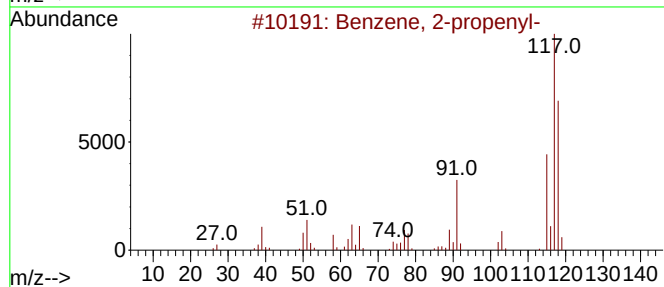
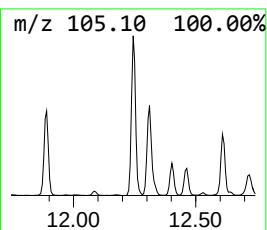
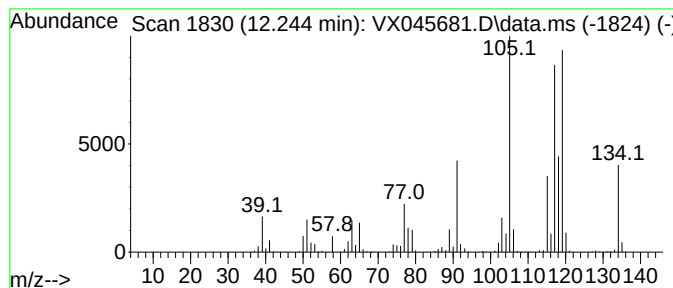
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 2-propenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	154.37 ug/l	1338910	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 2-propenyl-	118	C9H10	000300-57-2	80
2			Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
3			Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
4			Deltacyclene	118	C9H10	007785-10-6	55
5			Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

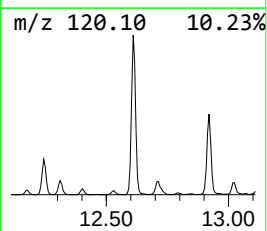
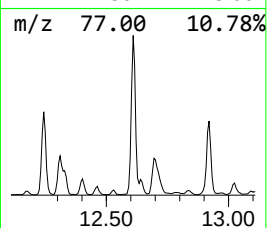
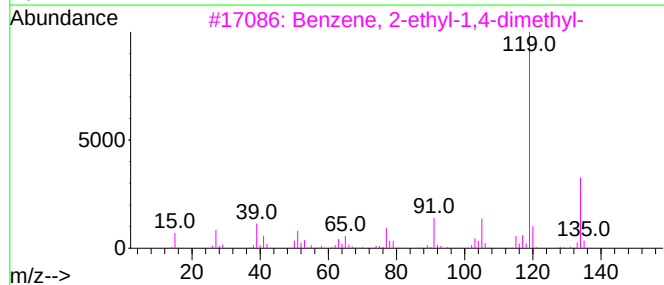
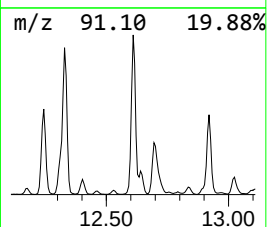
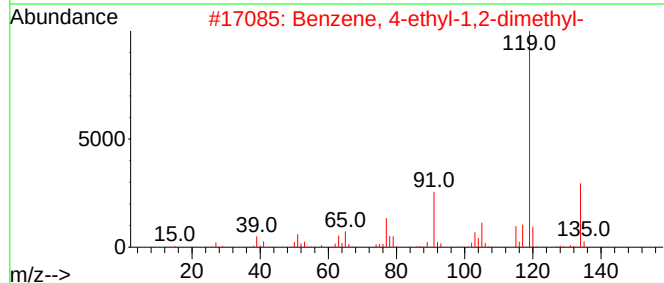
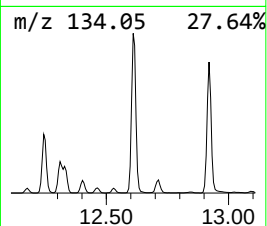
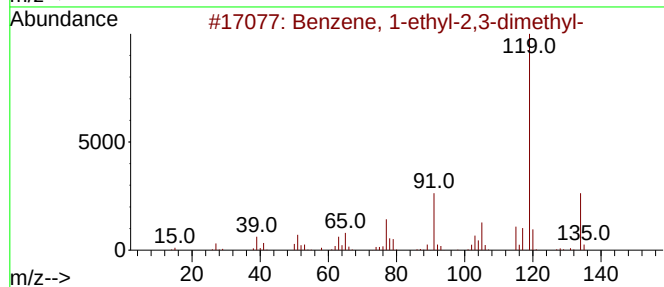
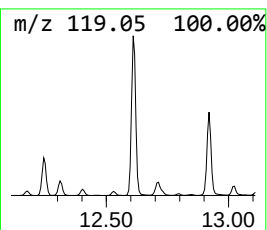
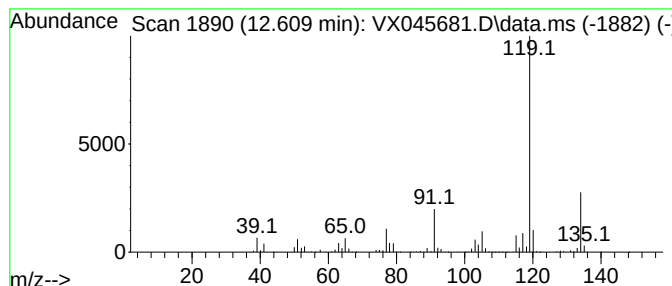
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	244.78 ug/l	2123020	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	96
2			Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3			Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

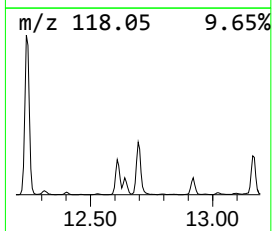
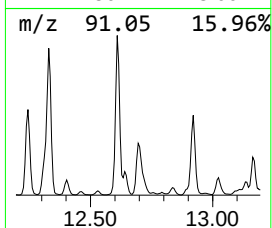
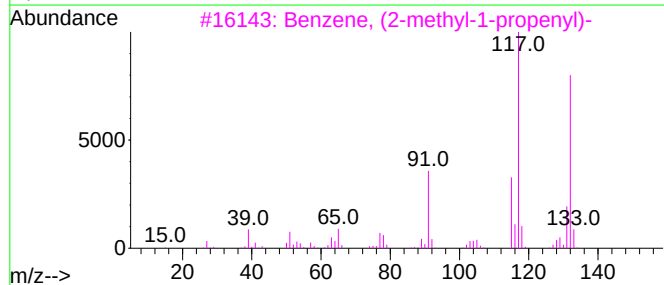
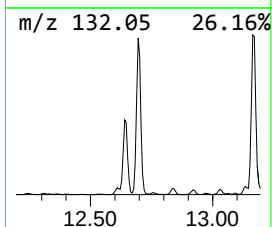
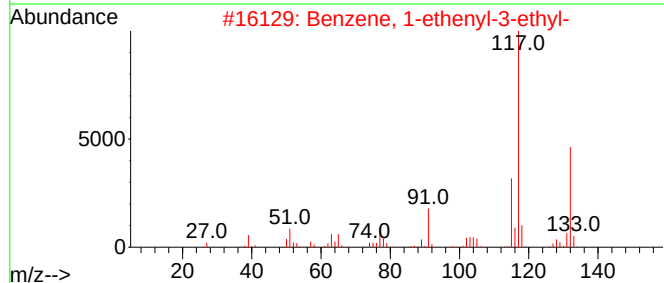
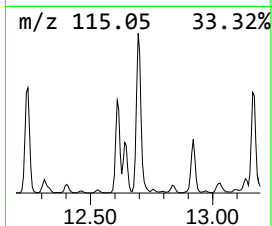
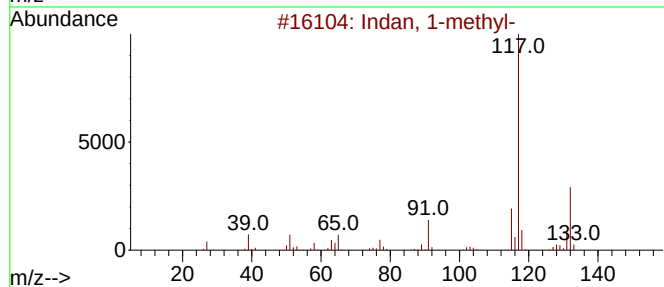
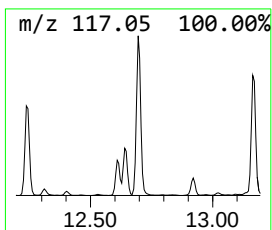
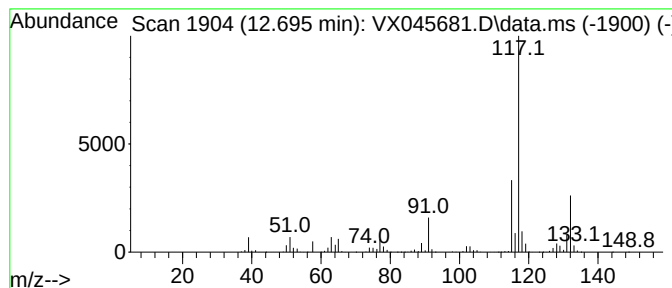
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 11 Indan, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	129.16 ug/l	1120230	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indan, 1-methyl-	132	C10H12	000767-58-8	93
2			Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
3			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4			3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
5			Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	83



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

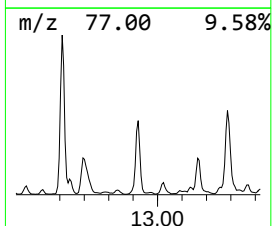
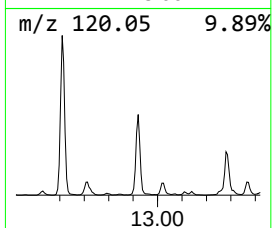
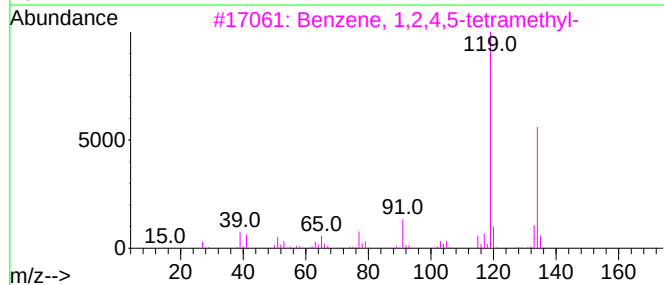
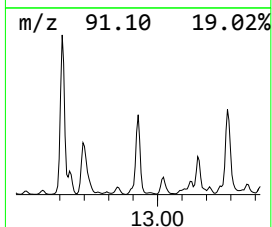
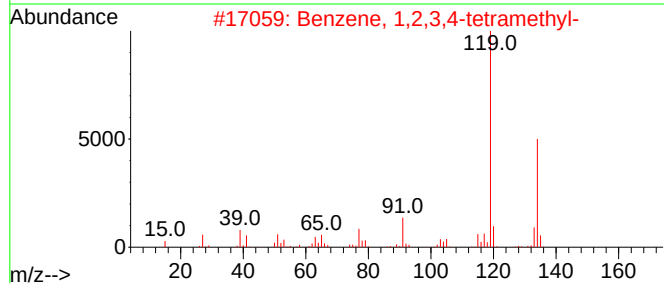
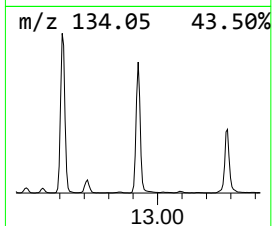
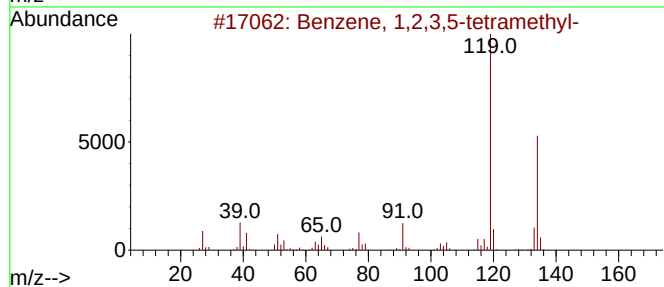
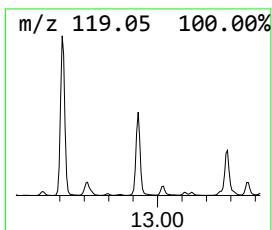
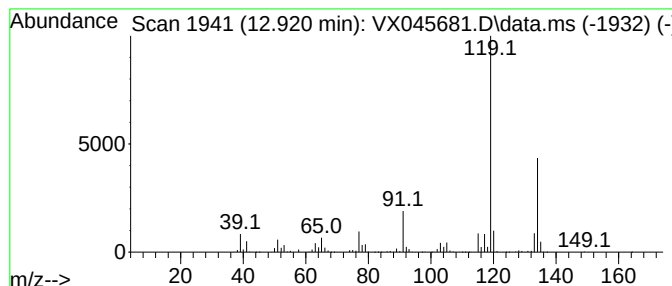
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 12 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.920	137.99 ug/l	1196780	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	96
2			Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3			Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4			o-Cymene	134	C10H14	000527-84-4	95
5			Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

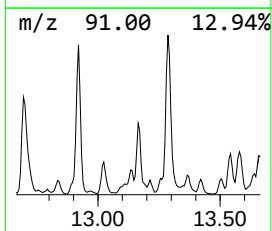
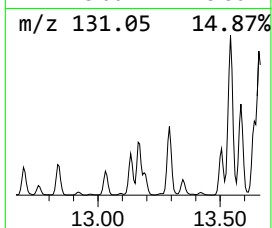
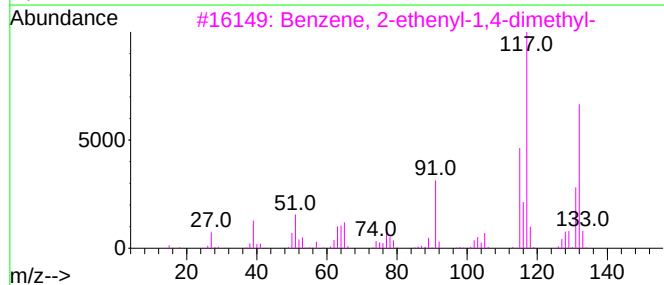
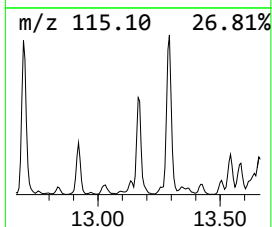
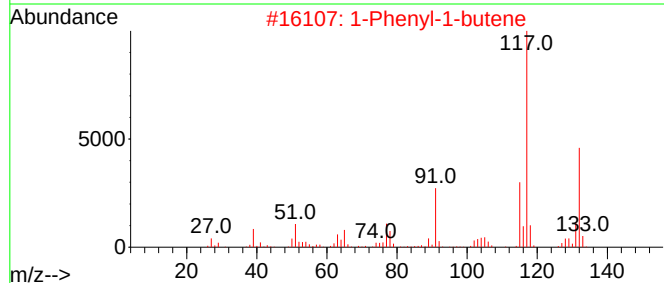
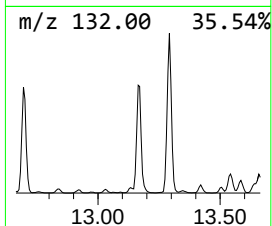
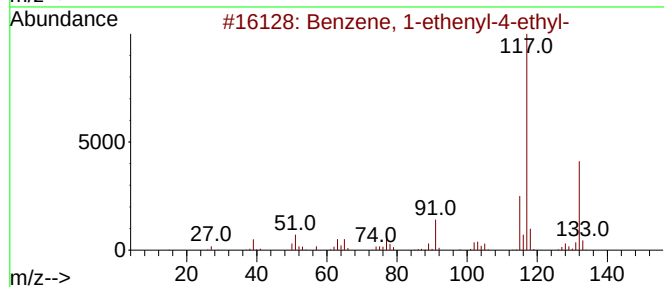
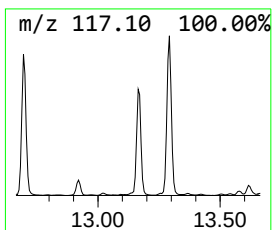
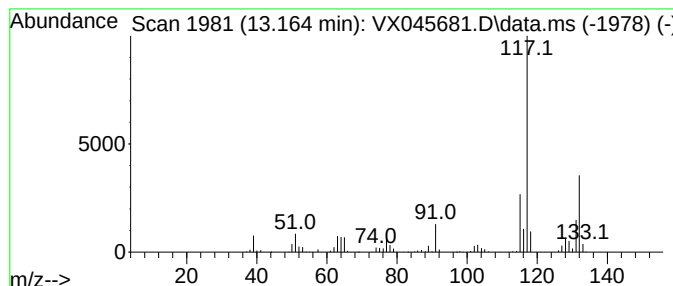
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 13 Benzene, 1-ethenyl-4-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.164	96.83 ug/l	839822	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
2			1-Phenyl-1-butene	132	C10H12	000824-90-8	94
3			Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
4			Indan, 1-methyl-	132	C10H12	000767-58-8	91
5			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

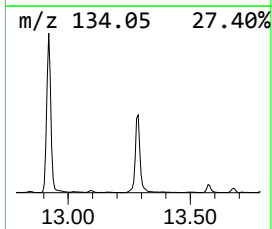
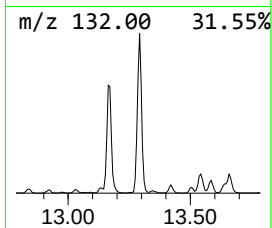
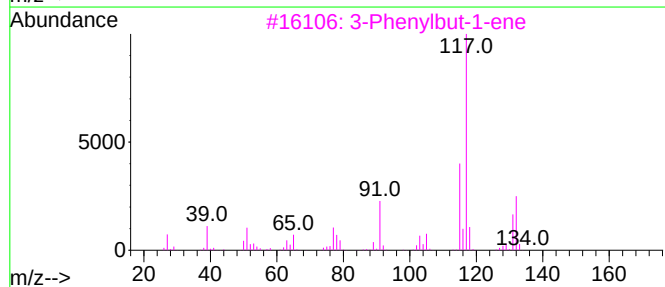
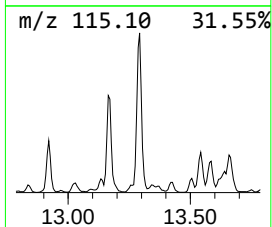
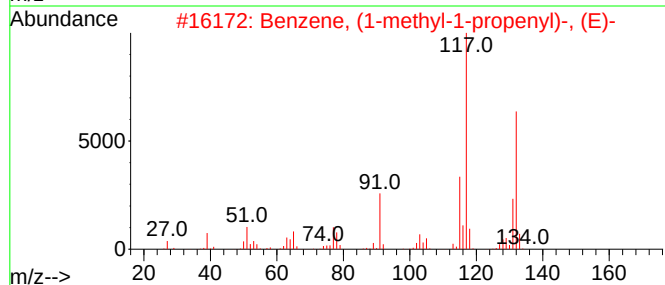
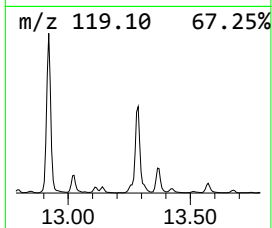
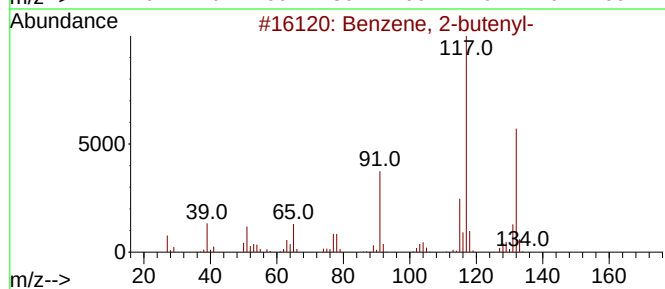
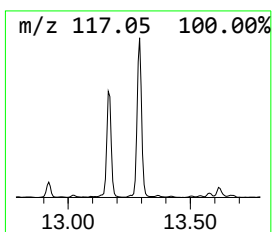
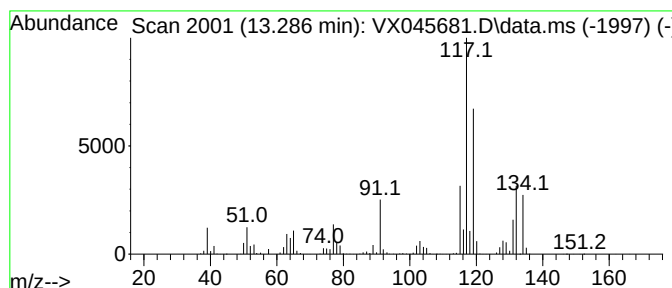
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 14 Benzene, 2-butenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	211.33 ug/l	1832920	1,4-Dichlorobenzene-d4	12.018

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
2		Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
3		3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
4		1-Phenyl-1-butene	132	C10H12	000824-90-8	70
5		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

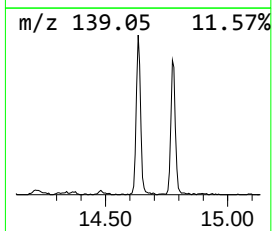
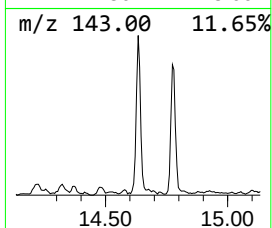
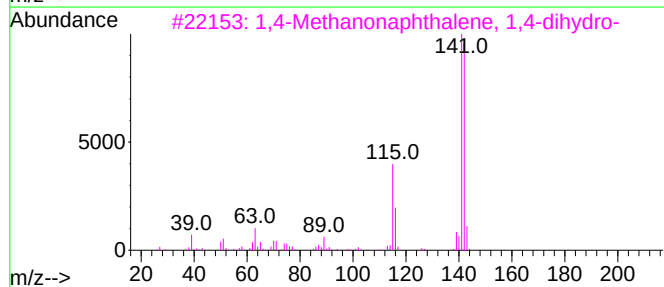
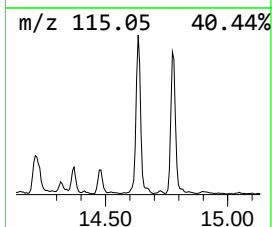
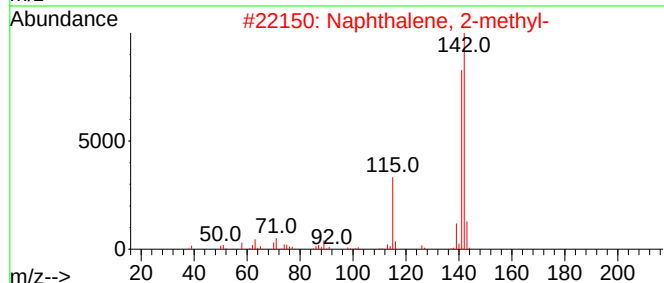
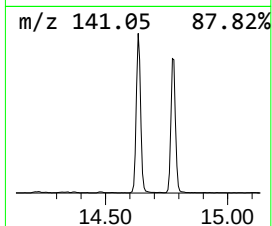
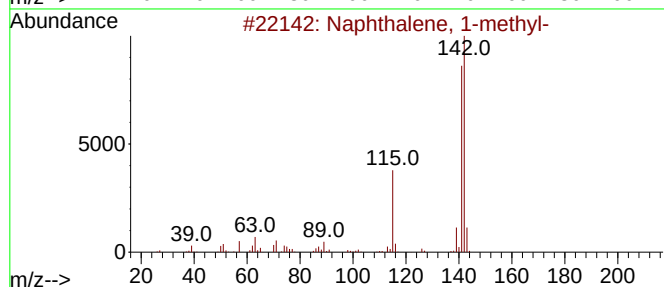
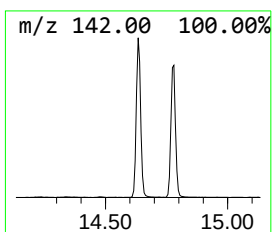
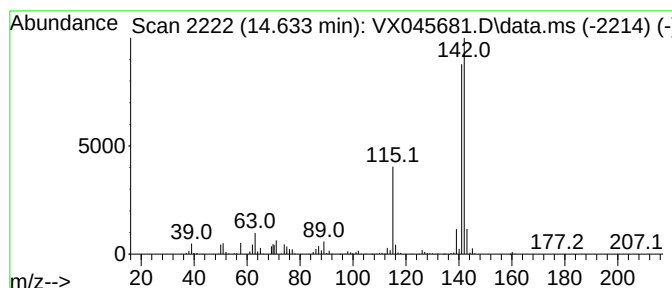
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 15 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.634	73.34 ug/l	636111	1,4-Dichlorobenzene-d4	12.018

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3			1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4			Benzocycloheptatriene	142	C11H10	000264-09-5	91
5			1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045681.D
Acq On : 09 Apr 2025 17:16
Operator : JC/MD
Sample : Q1762-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Pentane, 2-methyl-	2.819	153.0	ug/l	2023460	1	5.550	661099	50.0
Pentane, 3-methyl-	3.093	97.0	ug/l	1282770	1	5.550	661099	50.0
Cyclopentane, m...	4.294	86.4	ug/l	1142570	1	5.550	661099	50.0
Hexane, 3-methyl-	5.818	93.3	ug/l	1233350	1	5.550	661099	50.0
Cyclopentane, 1...	6.153	118.5	ug/l	889028	2	6.757	375272	50.0
Cyclopentane, 1...	6.251	92.4	ug/l	693189	2	6.757	375272	50.0
Isopropylcyclob...	6.348	138.6	ug/l	1040120	2	6.757	375272	50.0
2-Hexene, 2-met...	6.836	82.5	ug/l	619278	2	6.757	375272	50.0
Benzene, 2-prop...	12.244	154.4	ug/l	1338910	4	12.018	433656	50.0
Benzene, 1-ethy...	12.610	244.8	ug/l	2123020	4	12.018	433656	50.0
Indan, 1-methyl-	12.695	129.2	ug/l	1120230	4	12.018	433656	50.0
Benzene, 1,2,3,...	12.920	138.0	ug/l	1196780	4	12.018	433656	50.0
Benzene, 1-ethe...	13.164	96.8	ug/l	839822	4	12.018	433656	50.0
Benzene, 2-bute...	13.286	211.3	ug/l	1832920	4	12.018	433656	50.0
Naphthalene, 1-...	14.634	73.3	ug/l	636111	4	12.018	433656	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045717.D
 Acq On : 11 Apr 2025 05:32
 Operator : JC/MD
 Sample : Q1762-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW4DL

Quant Time: Apr 11 06:07:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

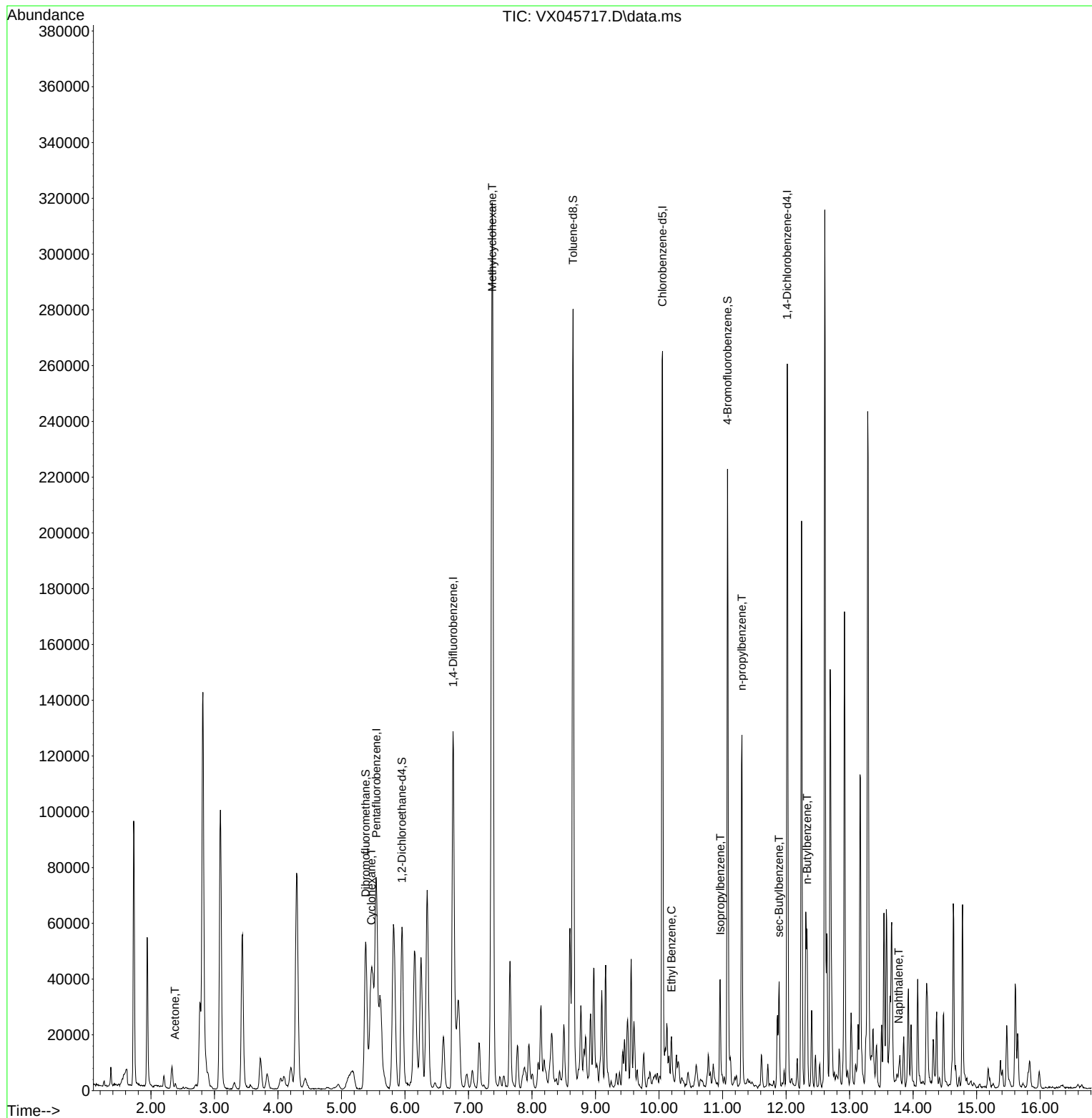
Internal Standards						
1) Pentafluorobenzene	5.550	168	63356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60270	52.019	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.040%	
35) Dibromofluoromethane	5.379	113	43609	50.112	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.220%	
50) Toluene-d8	8.647	98	152418	50.180	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	11.079	95	57788	52.231	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.460%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	1803	3.790	ug/l	100
31) Cyclohexane	5.470	56	31071	21.861	ug/l #	86
39) Methylcyclohexane	7.373	83	130583	90.665	ug/l	96
67) Ethyl Benzene	10.195	91	10349	2.410	ug/l	100
73) Isopropylbenzene	10.963	105	18757	4.911	ug/l	99
78) n-propylbenzene	11.305	91	78977	17.953	ug/l	99
85) sec-Butylbenzene	11.890	105	18063	4.703	ug/l	96
89) n-Butylbenzene	12.329	91	26495	9.650	ug/l #	80
95) Naphthalene	13.774	128	4406	1.332	ug/l #	89

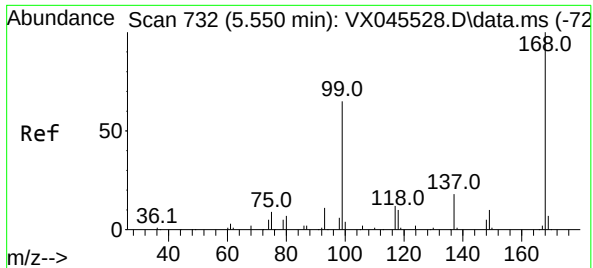
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045717.D
Acq On : 11 Apr 2025 05:32
Operator : JC/MD
Sample : Q1762-01DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW4DL

Quant Time: Apr 11 06:07:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

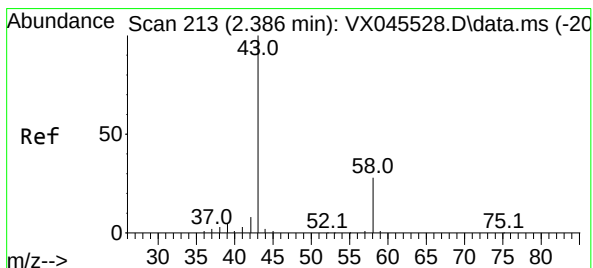
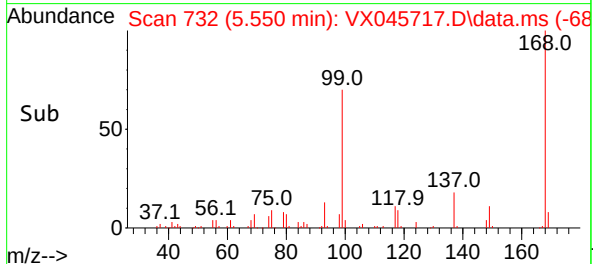
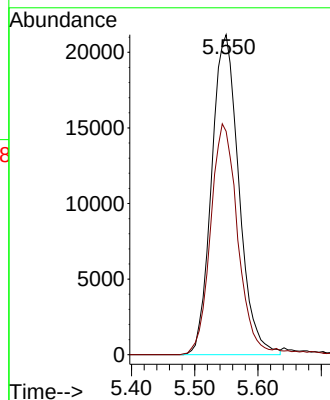
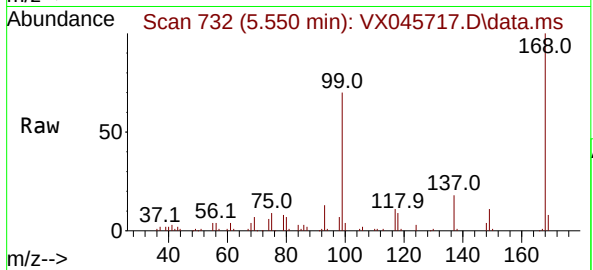




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

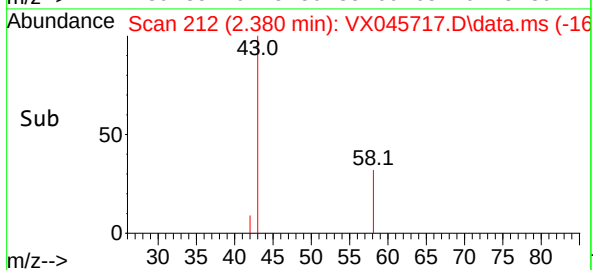
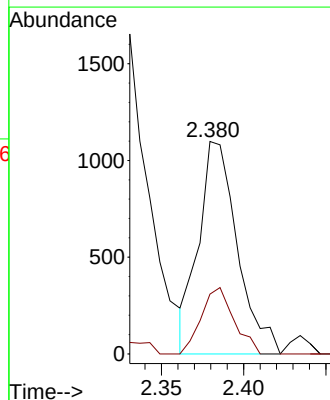
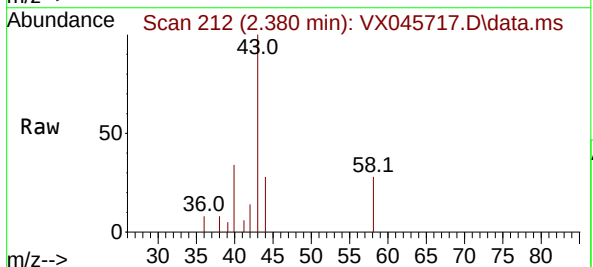
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

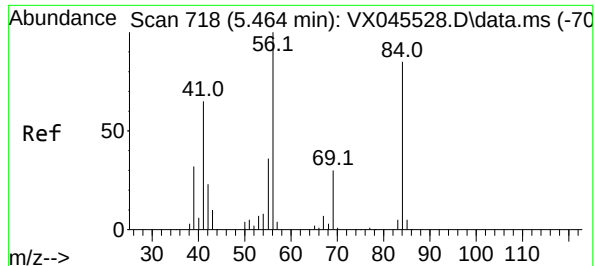
Tgt Ion:168 Resp: 63356
Ion Ratio Lower Upper
168 100
99 69.8 52.3 78.5



#16
Acetone
Concen: 3.790 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 43 Resp: 1803
Ion Ratio Lower Upper
43 100
58 28.1 22.3 33.5





#31

Cyclohexane

Concen: 21.861 ug/l

RT: 5.470 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

MW4DL

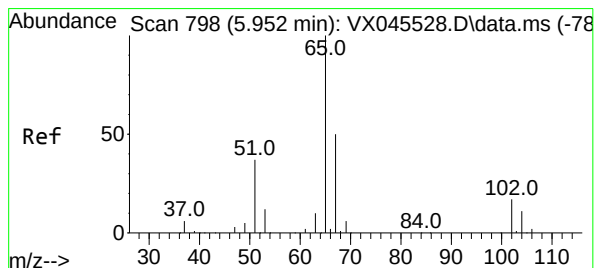
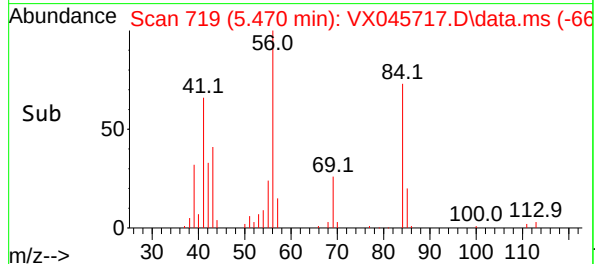
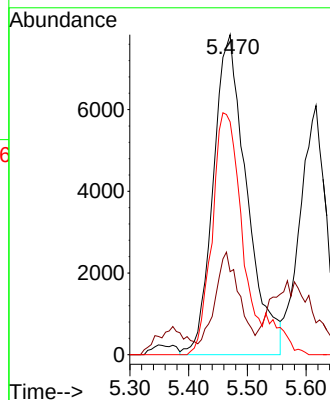
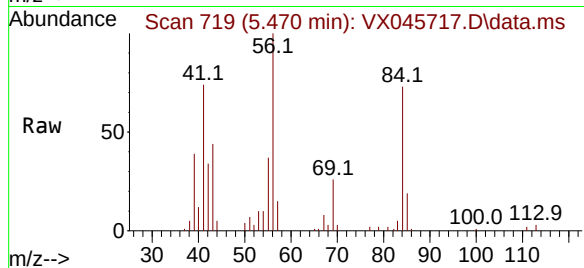
Tgt Ion: 56 Resp: 31071

Ion Ratio Lower Upper

56 100

69 19.3 23.6 35.4#

84 73.4 67.7 101.5



#33

1,2-Dichloroethane-d4

Concen: 52.019 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045717.D

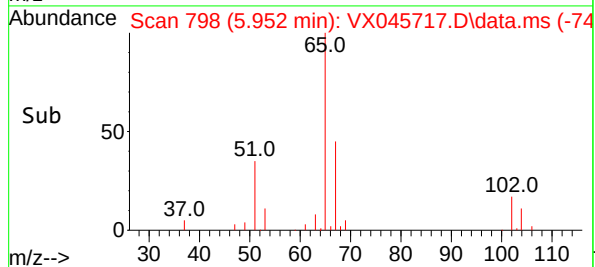
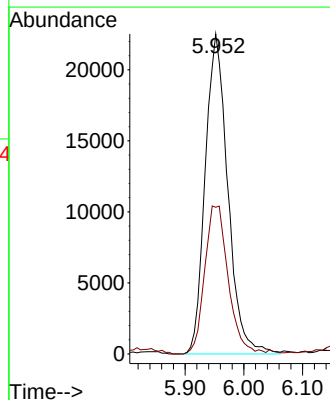
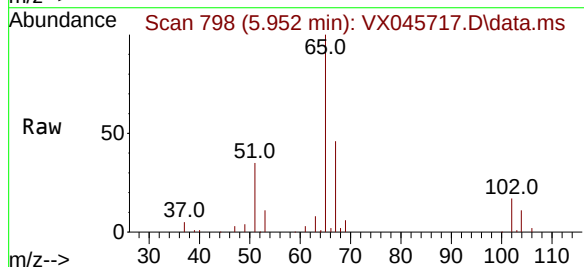
Acq: 11 Apr 2025 05:32

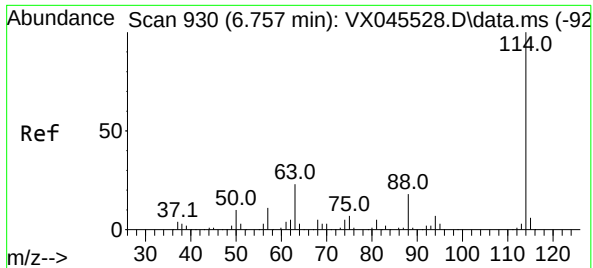
Tgt Ion: 65 Resp: 60270

Ion Ratio Lower Upper

65 100

67 48.2 0.0 99.0

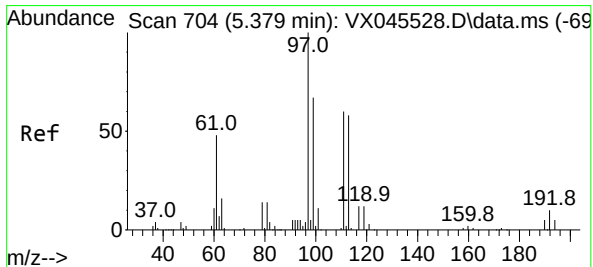
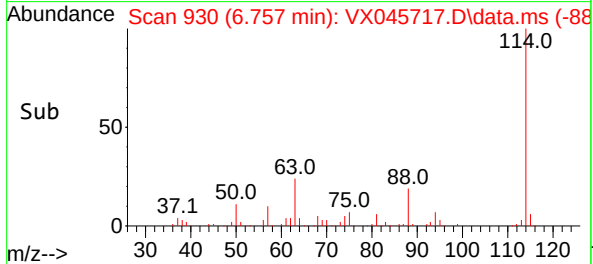
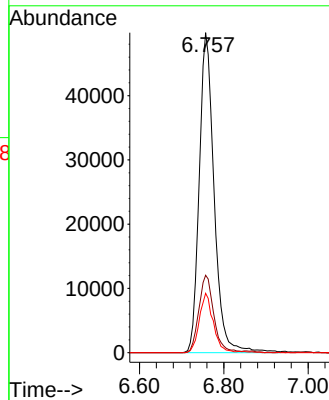
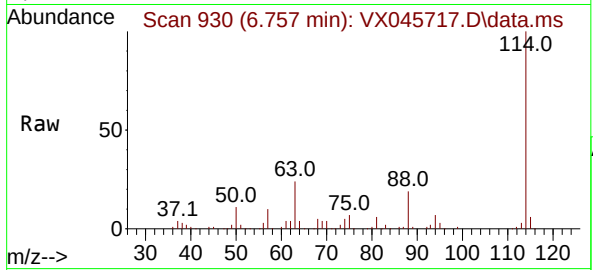




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

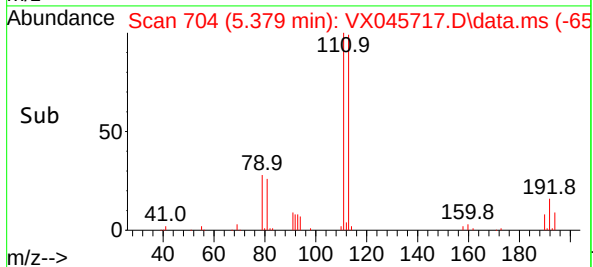
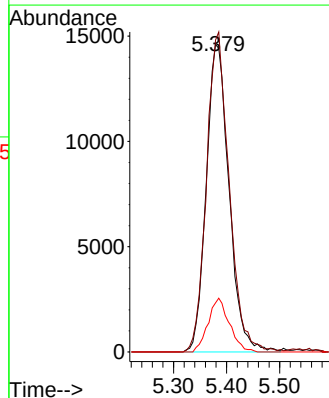
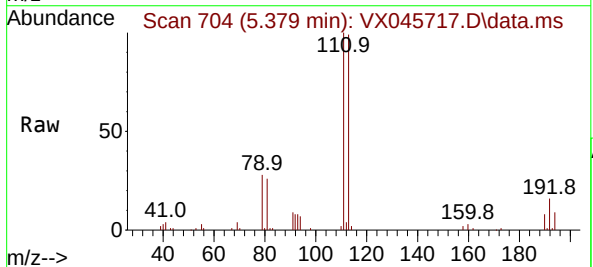
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

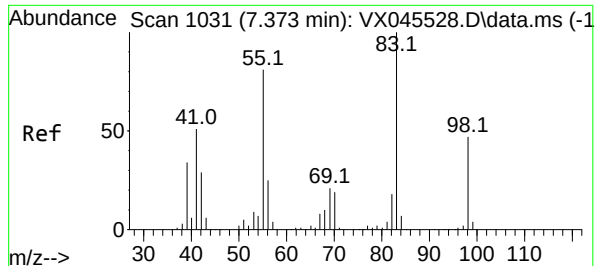
Tgt Ion:	114	Resp:	122653
Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	46.8
88	18.5	0.0	35.4



#35
Dibromofluoromethane
Concen: 50.112 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion:	113	Resp:	43609
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.8	122.6
192	16.2	13.8	20.6





#39

Methylcyclohexane

Concen: 90.665 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

MW4DL

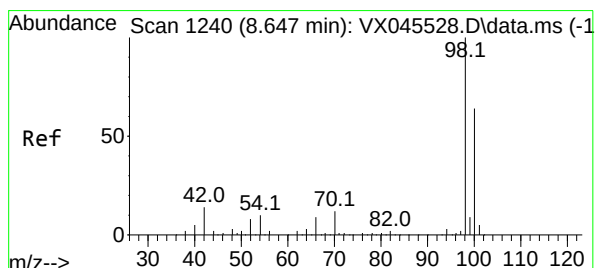
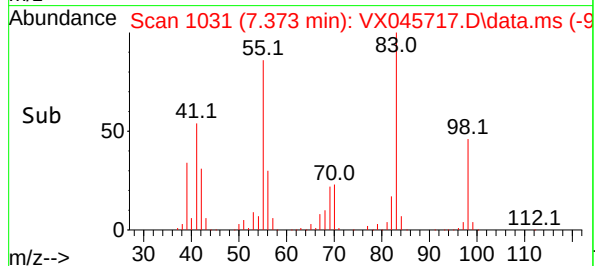
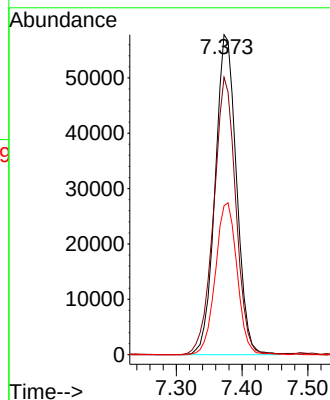
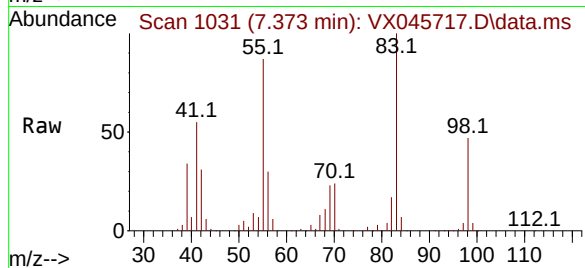
Tgt Ion: 83 Resp: 130583

Ion Ratio Lower Upper

83 100

55 86.7 64.9 97.3

98 46.5 37.4 56.0



#50

Toluene-d8

Concen: 50.180 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX045717.D

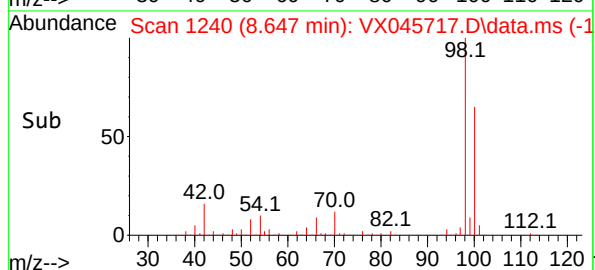
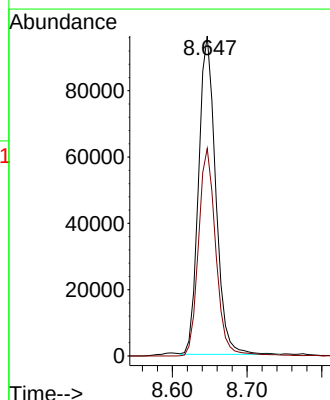
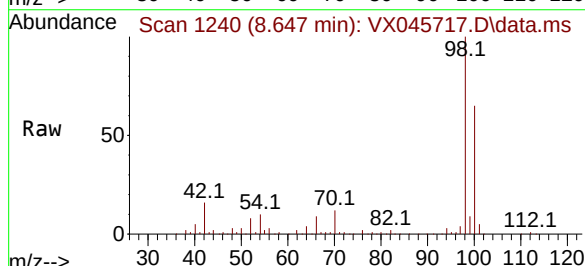
Acq: 11 Apr 2025 05:32

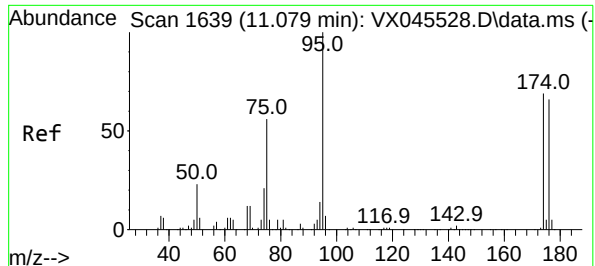
Tgt Ion: 98 Resp: 152418

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.4

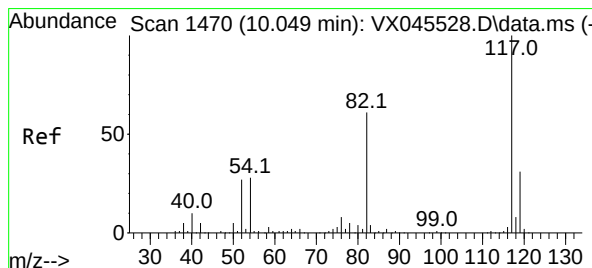
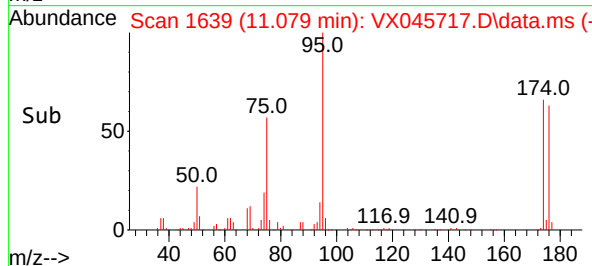
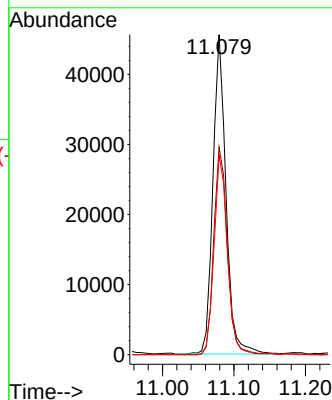
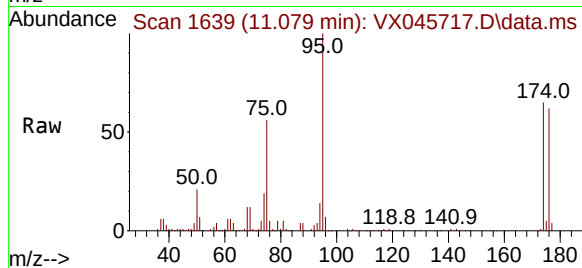




#62
4-Bromofluorobenzene
Concen: 52.231 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

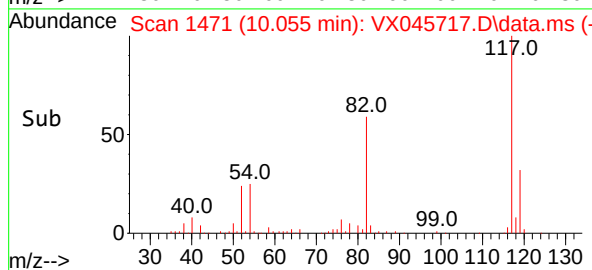
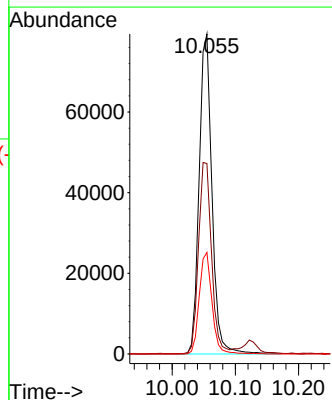
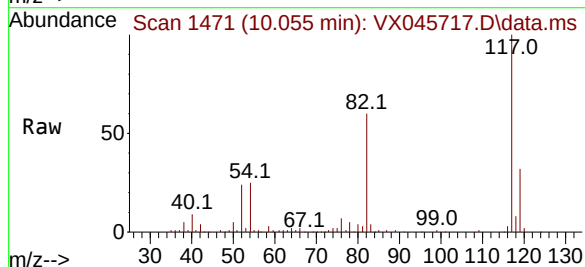
Instrument :
MSVOA_X
ClientSampleId :
MW4DL

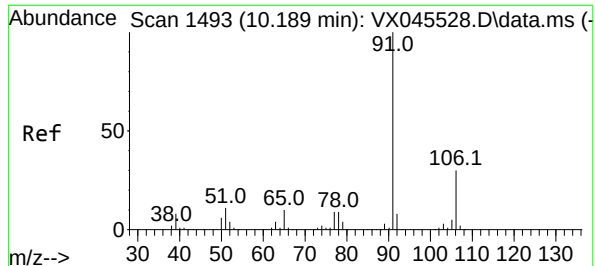
Tgt Ion: 95 Resp: 57788
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045717.D
Acq: 11 Apr 2025 05:32

Tgt Ion: 117 Resp: 112188
Ion Ratio Lower Upper
117 100
82 59.4 49.2 73.8
119 31.7 25.1 37.7





#67

Ethyl Benzene

Concen: 2.410 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

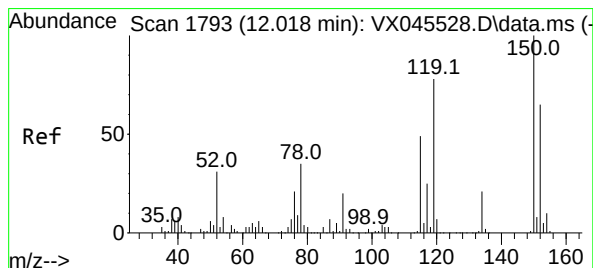
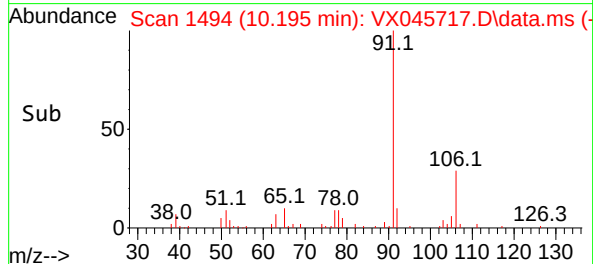
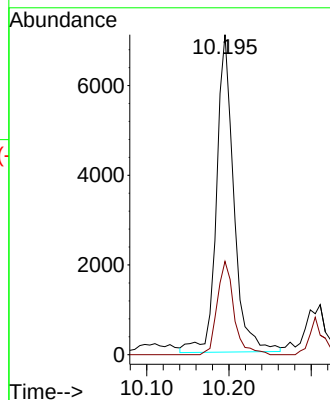
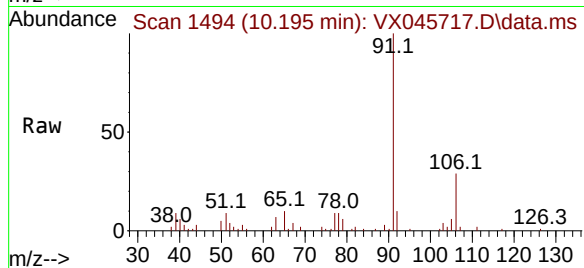
MW4DL

Tgt Ion: 91 Resp: 10349

Ion Ratio Lower Upper

91 100

106 29.8 23.7 35.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

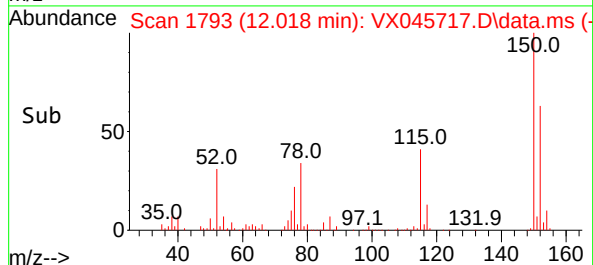
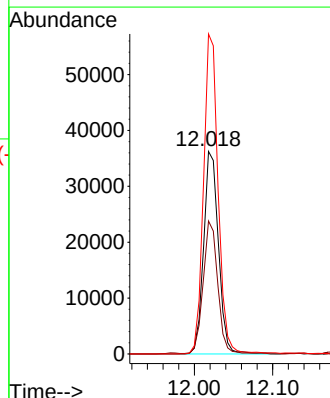
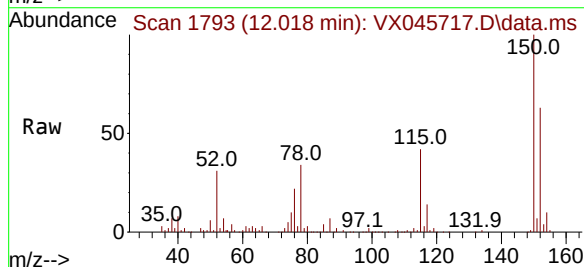
Tgt Ion: 152 Resp: 47681

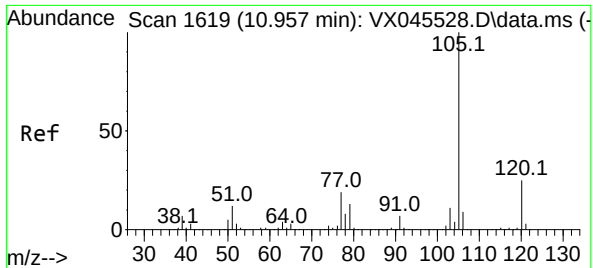
Ion Ratio Lower Upper

152 100

115 64.8 46.9 140.7

150 155.1 0.0 349.4





#73

Isopropylbenzene

Concen: 4.911 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

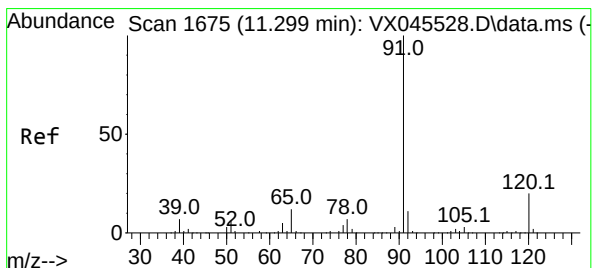
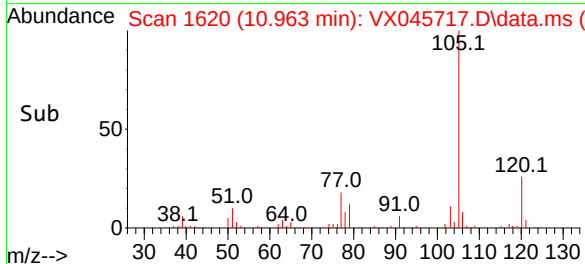
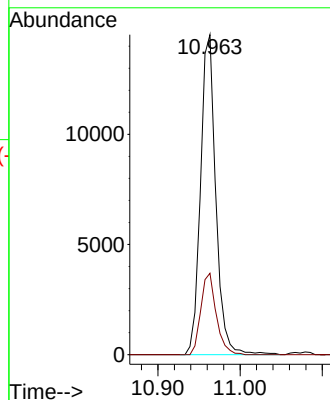
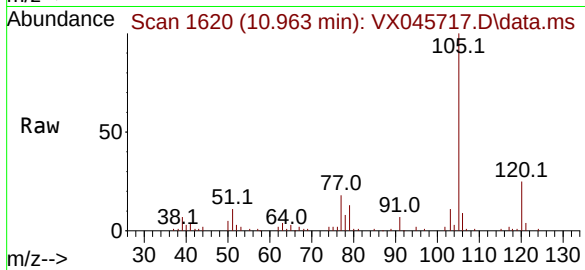
MW4DL

Tgt Ion:105 Resp: 18757

Ion Ratio Lower Upper

105 100

120 25.6 12.7 38.0



#78

n-propylbenzene

Concen: 17.953 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX045717.D

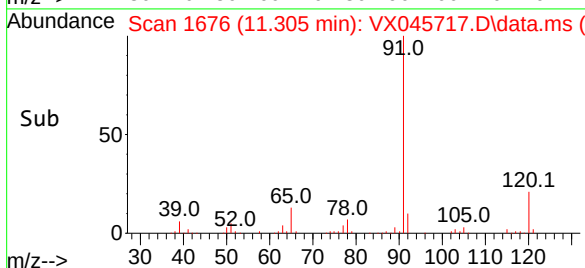
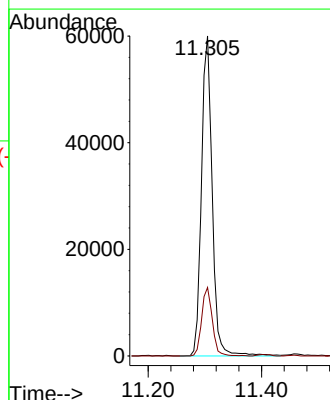
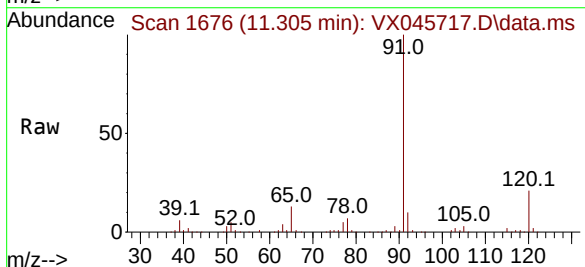
Acq: 11 Apr 2025 05:32

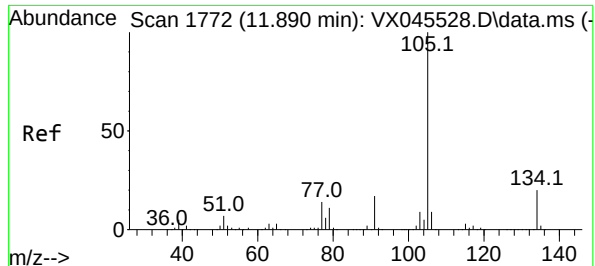
Tgt Ion: 91 Resp: 78977

Ion Ratio Lower Upper

91 100

120 21.0 10.8 32.3





#85

sec-Butylbenzene

Concen: 4.703 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

Instrument :

MSVOA_X

ClientSampleId :

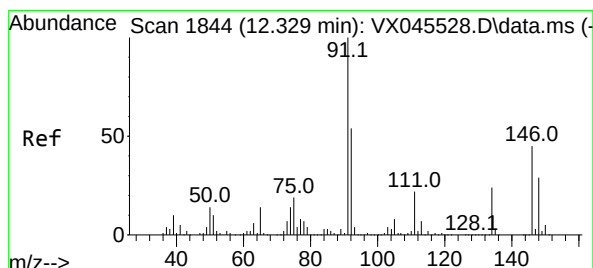
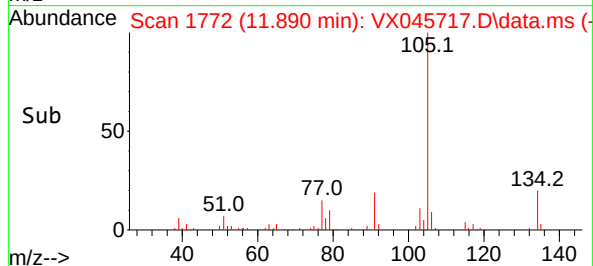
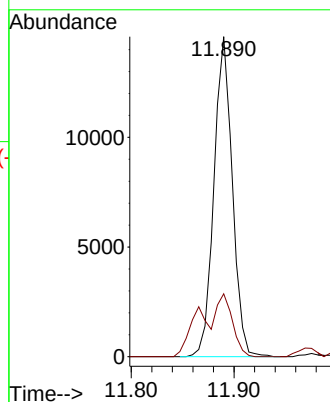
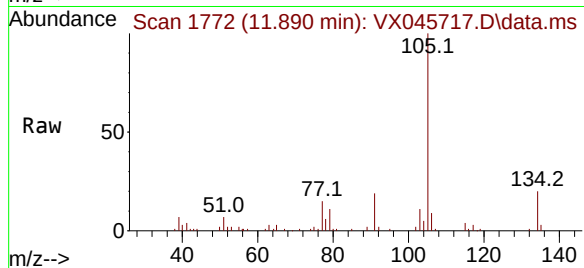
MW4DL

Tgt Ion:105 Resp: 18063

Ion Ratio Lower Upper

105 100

134 17.3 9.6 28.6



#89

n-Butylbenzene

Concen: 9.650 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX045717.D

Acq: 11 Apr 2025 05:32

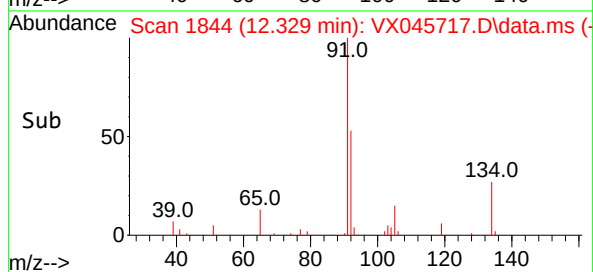
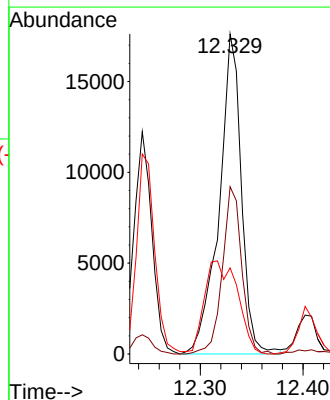
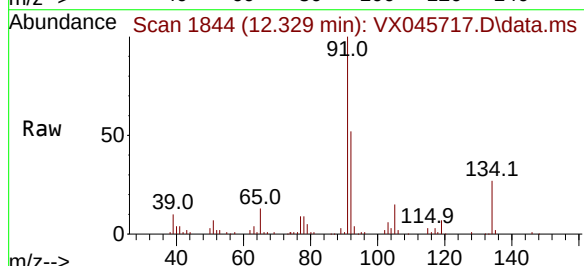
Tgt Ion: 91 Resp: 26495

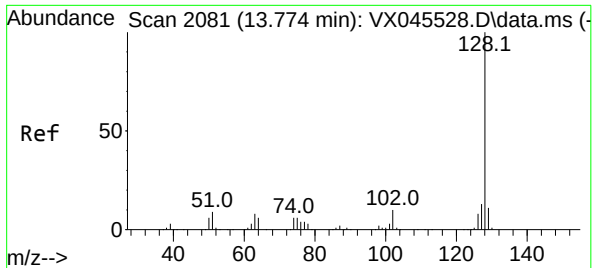
Ion Ratio Lower Upper

91 100

92 45.5 26.9 80.6

134 43.5 11.9 35.7#





#95

Naphthalene

Concen: 1.332 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX045717.D

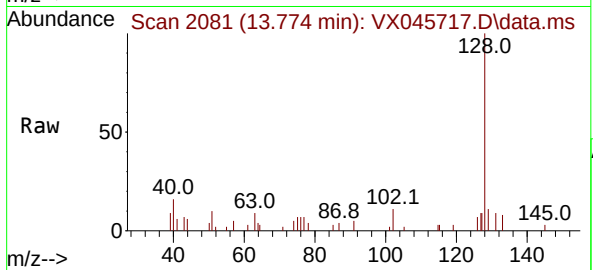
Acq: 11 Apr 2025 05:32

Instrument :

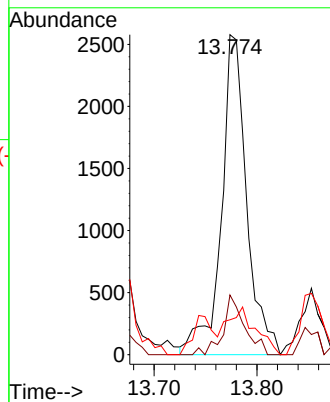
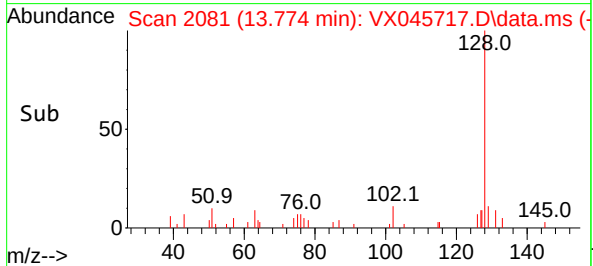
MSVOA_X

ClientSampleId :

MW4DL



Tgt Ion:	128	Resp:	4406
Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.3	15.5#
129	16.8	8.6	12.8#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045682.D
 Acq On : 09 Apr 2025 17:39
 Operator : JC/MD
 Sample : Q1762-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW5

Quant Time: Apr 10 01:37:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

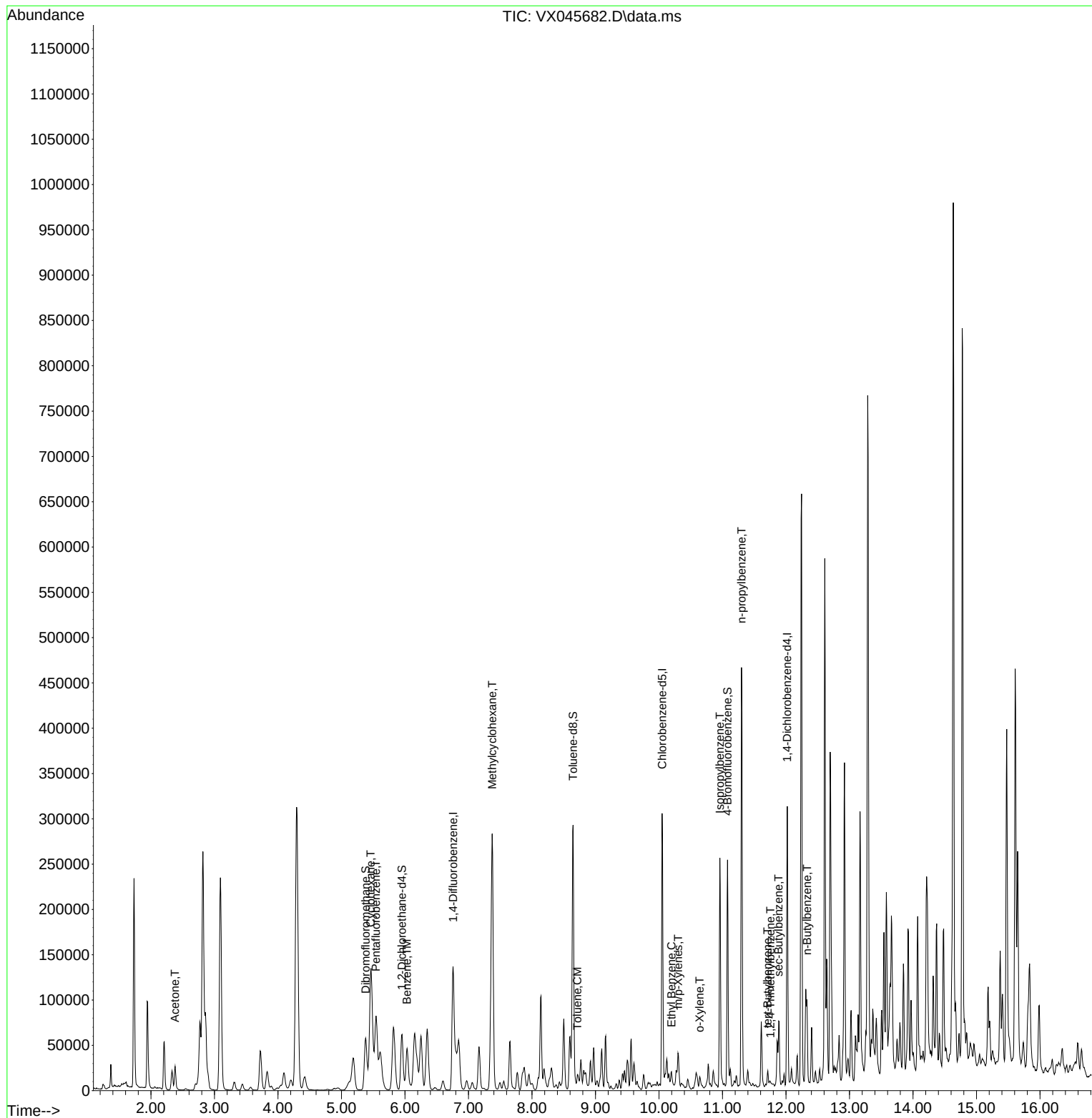
Internal Standards						
1) Pentafluorobenzene	5.544	168	66105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63851	52.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.640%	
35) Dibromofluoromethane	5.379	113	46585	50.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.260%	
50) Toluene-d8	8.647	98	163312	50.856	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.720%	
62) 4-Bromofluorobenzene	11.079	95	66536	56.883	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.760%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	27855	56.114	ug/l	98
31) Cyclohexane	5.458	56	91795	61.901	ug/l	97
39) Methylcyclohexane	7.373	83	113339	74.432	ug/l	94
40) Benzene	6.032	78	54686	14.414	ug/l	98
52) Toluene	8.714	92	5603	2.441	ug/l	95
67) Ethyl Benzene	10.195	91	9335	2.014	ug/l	99
68) m/p-Xylenes	10.299	106	6369	3.778	ug/l	91
69) o-Xylene	10.640	106	2384	1.435	ug/l	89
73) Isopropylbenzene	10.957	105	122812	27.838	ug/l	100
78) n-propylbenzene	11.299	91	280633	55.226	ug/l	100
83) tert-Butylbenzene	11.707	119	4642	1.285	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1605	0.438	ug/l	89
85) sec-Butylbenzene	11.884	105	36522	8.233	ug/l	98
89) n-Butylbenzene	12.329	91	40738	12.845	ug/l #	81

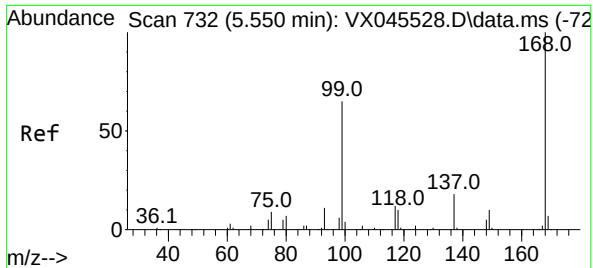
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Time: Apr 10 01:37:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

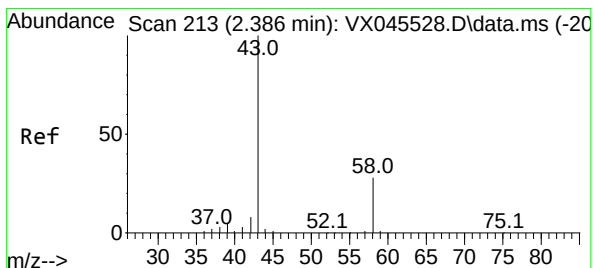
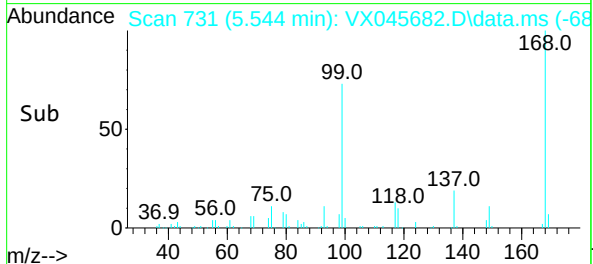
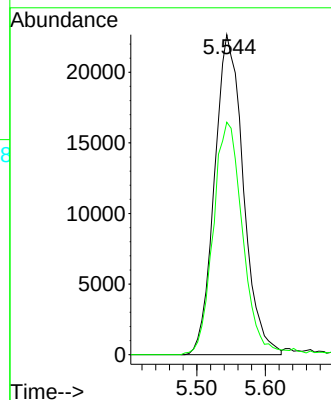
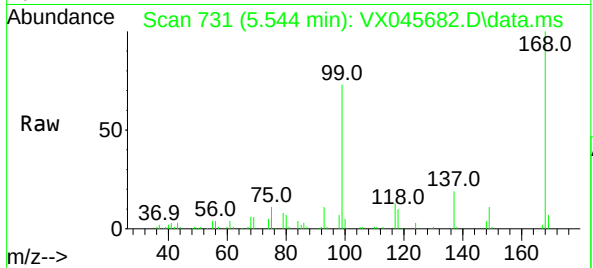




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

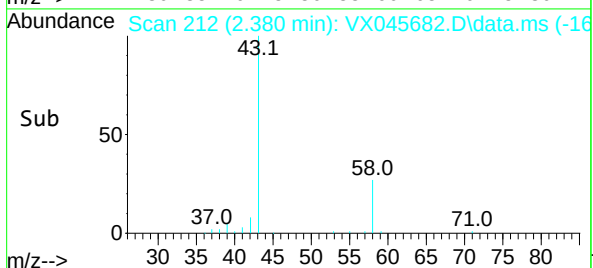
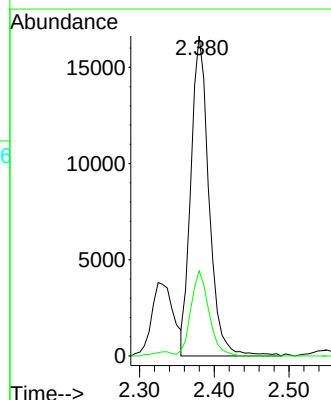
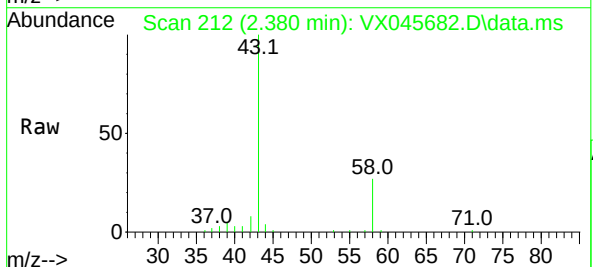
Instrument :
MSVOA_X
ClientSampleId :
MW5

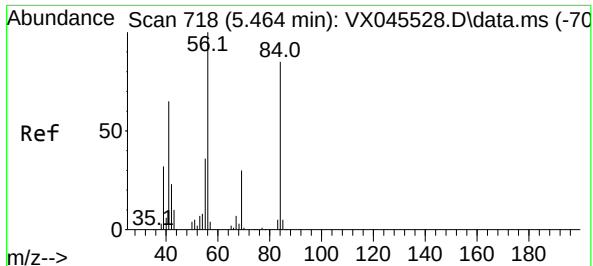
Tgt Ion:168 Resp: 66105
Ion Ratio Lower Upper
168 100
99 72.6 52.3 78.5



#16
Acetone
Concen: 56.114 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 43 Resp: 27855
Ion Ratio Lower Upper
43 100
58 26.7 22.3 33.5





#31

Cyclohexane

Concen: 61.901 ug/l

RT: 5.458 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

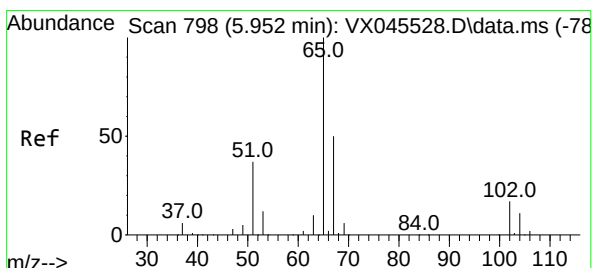
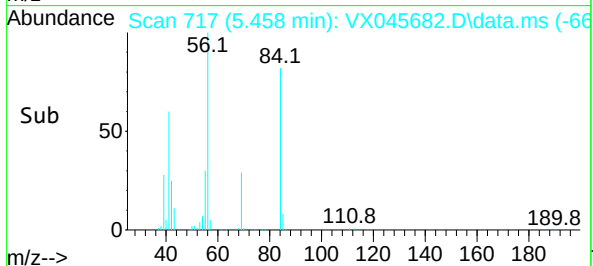
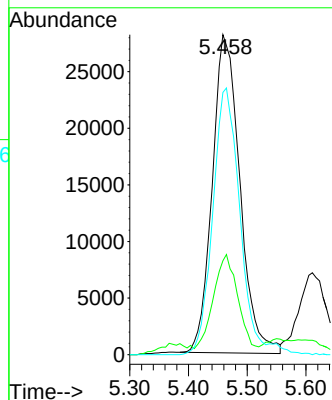
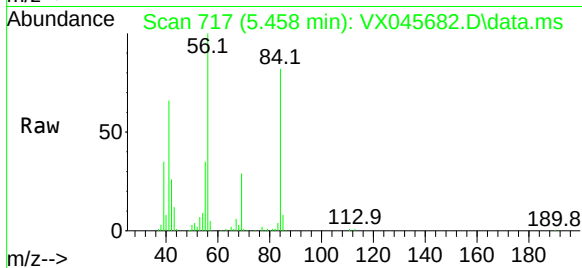
Tgt Ion: 56 Resp: 91795

Ion Ratio Lower Upper

56 100

69 26.1 23.6 35.4

84 82.6 67.7 101.5



#33

1,2-Dichloroethane-d4

Concen: 52.818 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045682.D

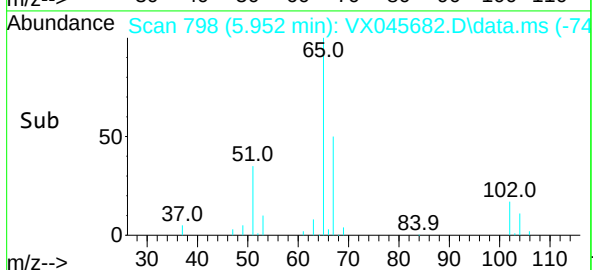
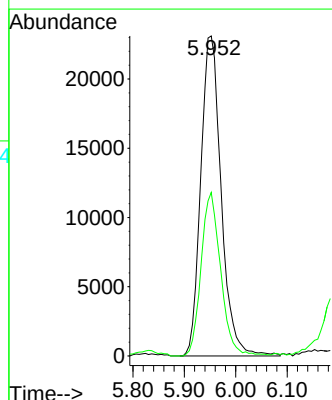
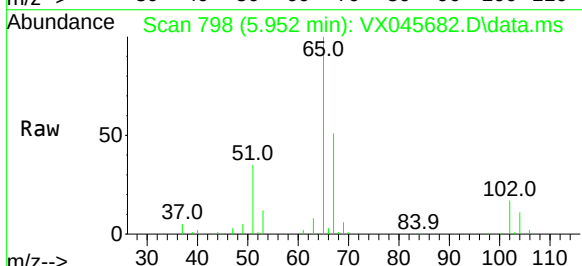
Acq: 09 Apr 2025 17:39

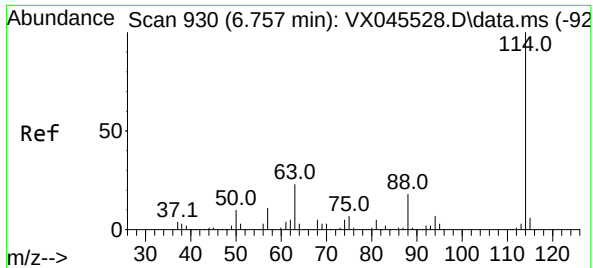
Tgt Ion: 65 Resp: 63851

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

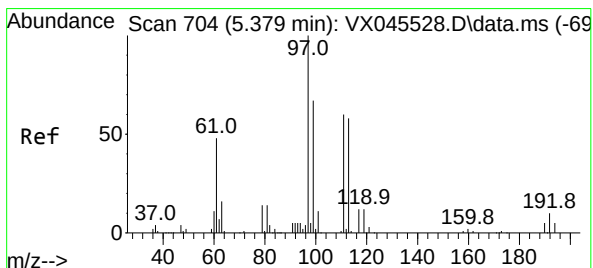
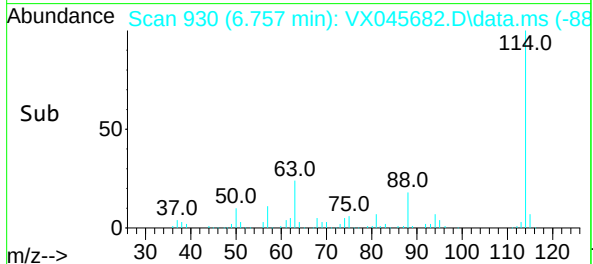
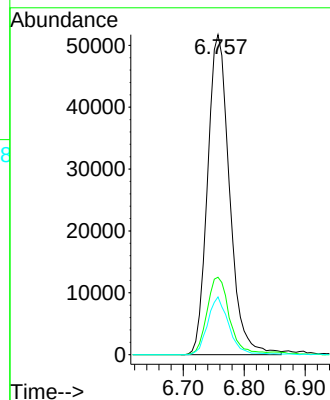
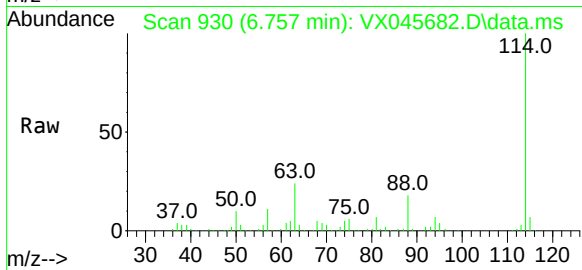
Tgt Ion:114 Resp: 129673

Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.8

88 18.0 0.0 35.4



#35

Dibromofluoromethane

Concen: 50.634 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

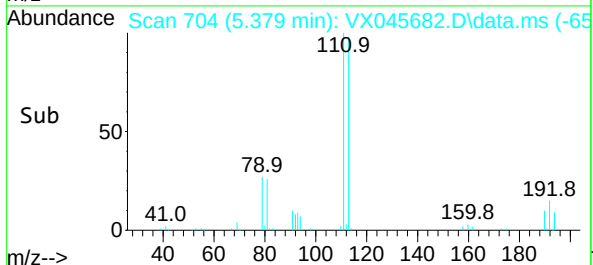
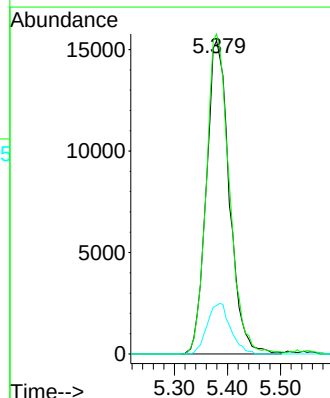
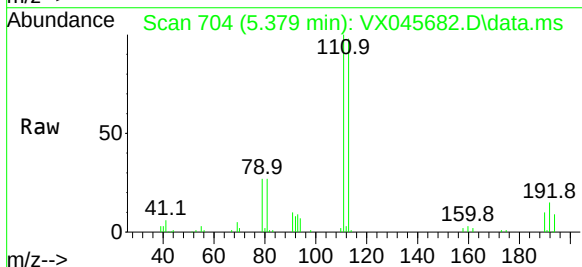
Tgt Ion:113 Resp: 46585

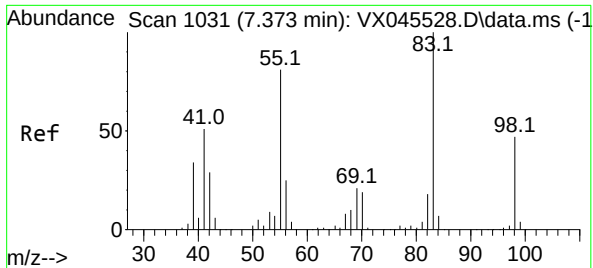
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 16.3 13.8 20.6





#39

Methylcyclohexane

Concen: 74.432 ug/l

RT: 7.373 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

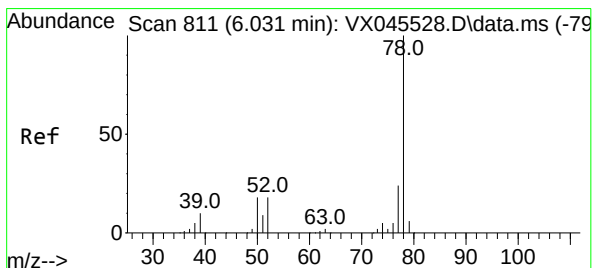
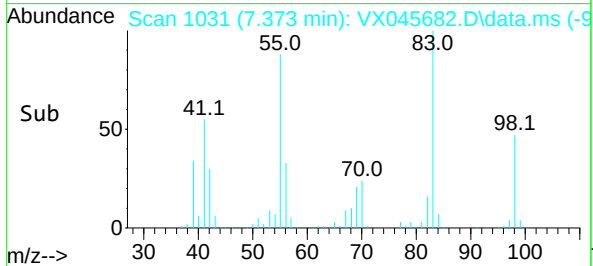
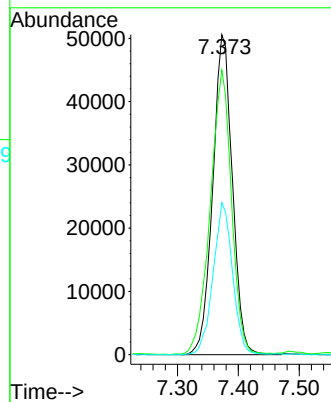
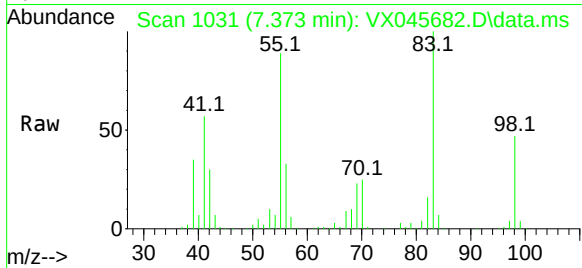
Tgt Ion: 83 Resp: 113339

Ion Ratio Lower Upper

83 100

55 88.8 64.9 97.3

98 47.5 37.4 56.0



#40

Benzene

Concen: 14.414 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX045682.D

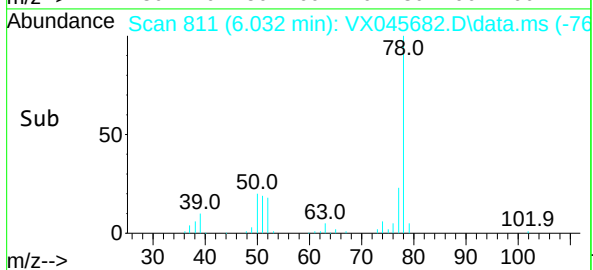
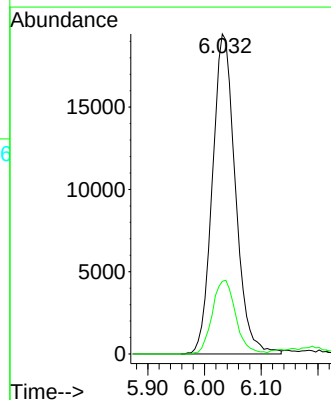
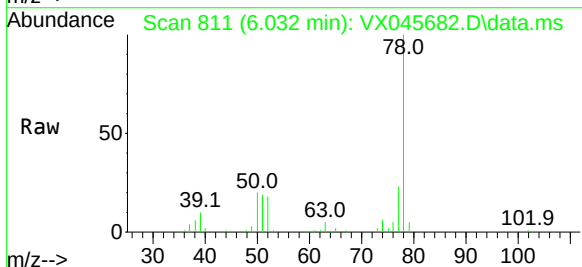
Acq: 09 Apr 2025 17:39

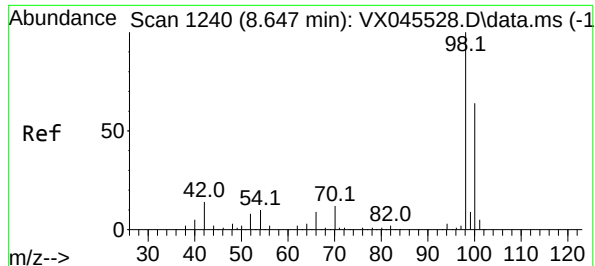
Tgt Ion: 78 Resp: 54686

Ion Ratio Lower Upper

78 100

77 22.7 19.0 28.6





#50

Toluene-d8

Concen: 50.856 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

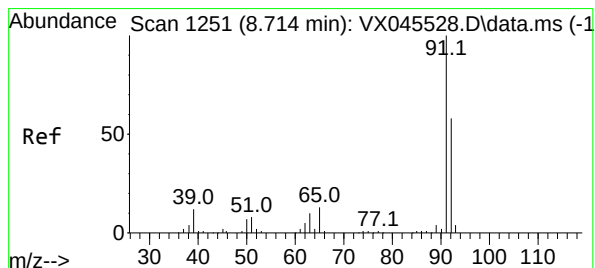
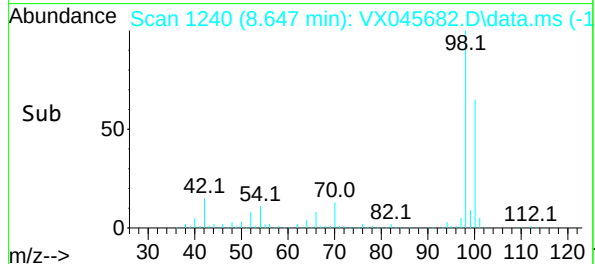
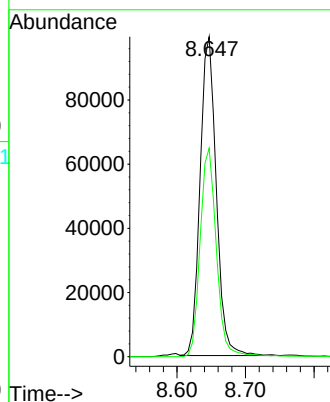
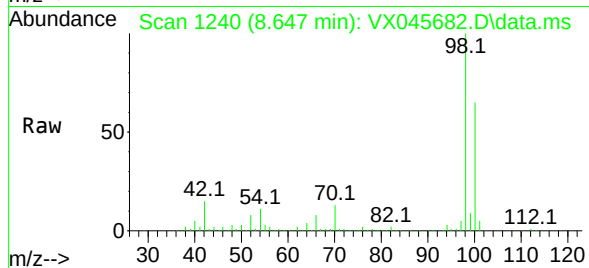
MW5

Tgt Ion: 98 Resp: 163312

Ion Ratio Lower Upper

98 100

100 66.0 52.2 78.4



#52

Toluene

Concen: 2.441 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX045682.D

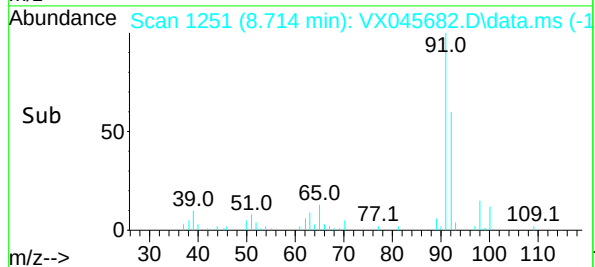
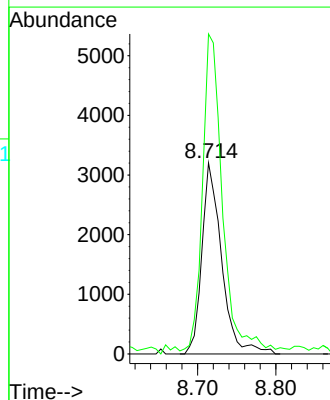
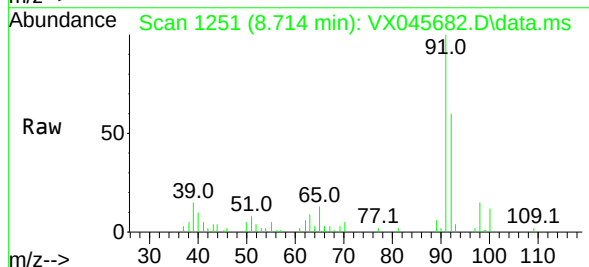
Acq: 09 Apr 2025 17:39

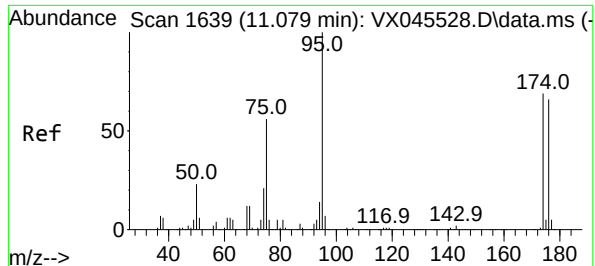
Tgt Ion: 92 Resp: 5603

Ion Ratio Lower Upper

92 100

91 166.4 138.7 208.1





#62

4-Bromofluorobenzene

Concen: 56.883 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

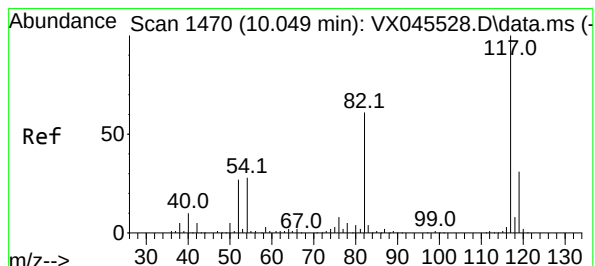
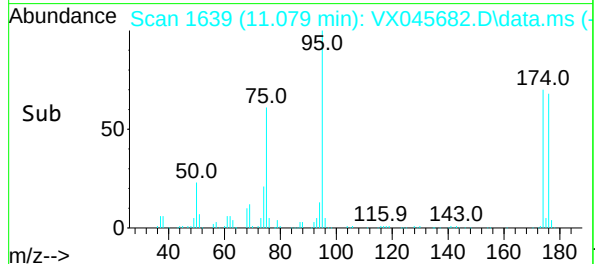
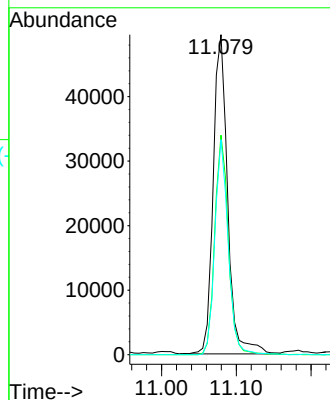
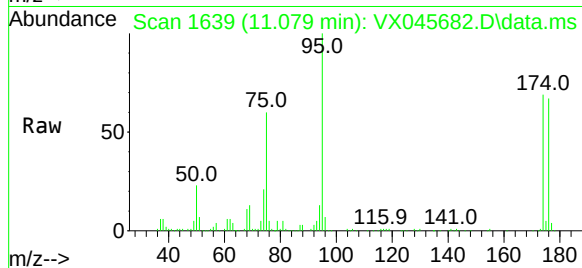
Tgt Ion: 95 Resp: 66536

Ion Ratio Lower Upper

95 100

174 64.7 0.0 135.8

176 62.3 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: VX045682.D

Acq: 09 Apr 2025 17:39

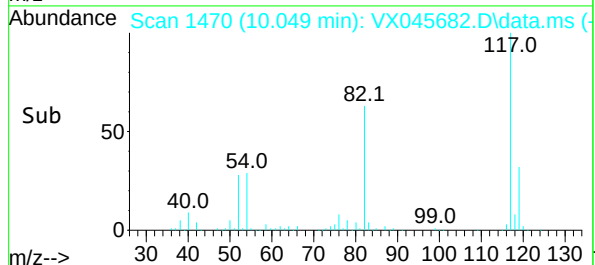
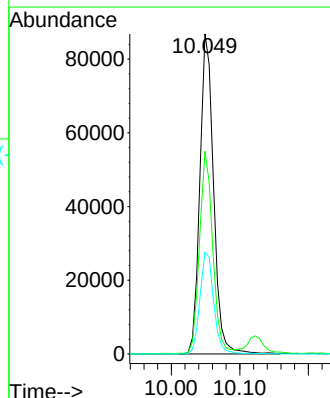
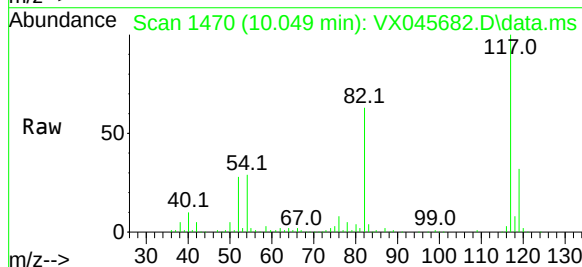
Tgt Ion: 117 Resp: 121124

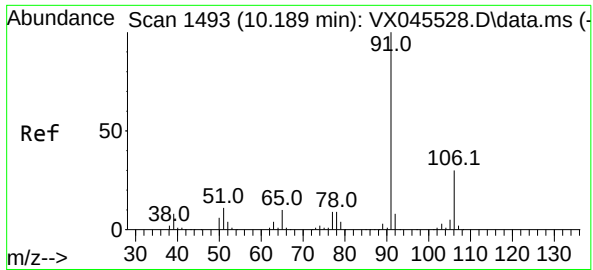
Ion Ratio Lower Upper

117 100

82 63.1 49.2 73.8

119 31.9 25.1 37.7





#67

Ethyl Benzene

Concen: 2.014 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

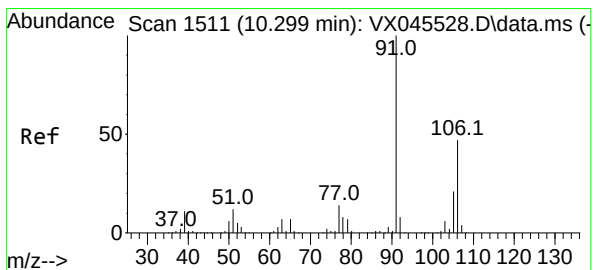
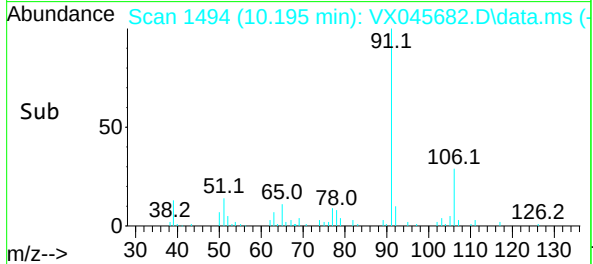
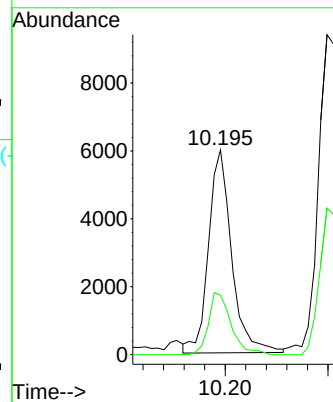
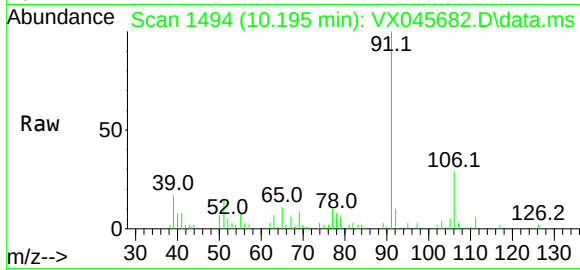
MW5

Tgt Ion: 91 Resp: 9335

Ion Ratio Lower Upper

91 100

106 29.9 23.7 35.5



#68

m/p-Xylenes

Concen: 3.778 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045682.D

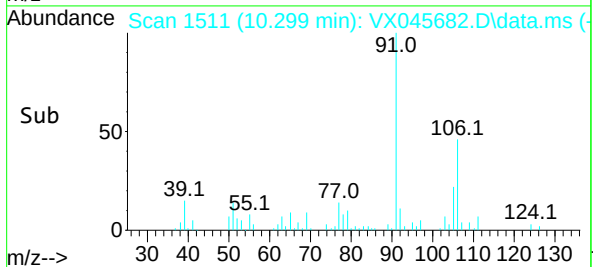
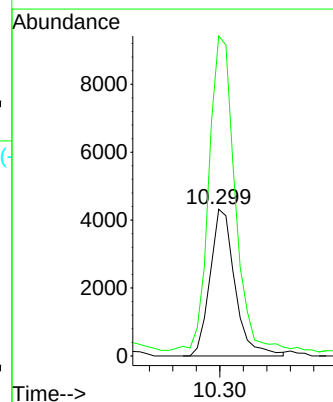
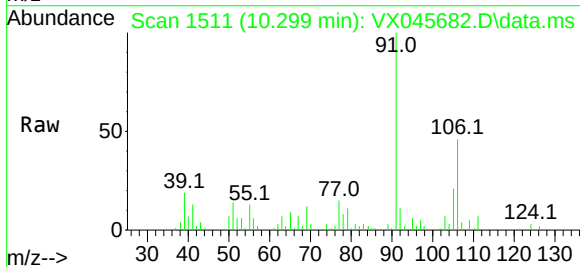
Acq: 09 Apr 2025 17:39

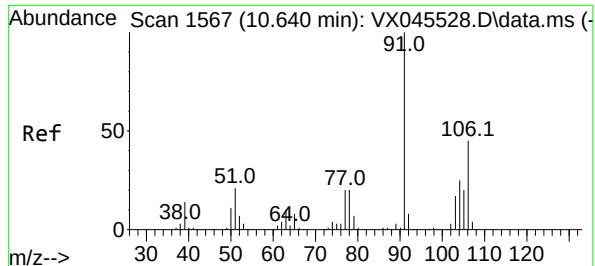
Tgt Ion: 106 Resp: 6369

Ion Ratio Lower Upper

106 100

91 230.5 172.6 258.8





#69

o-Xylene

Concen: 1.435 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

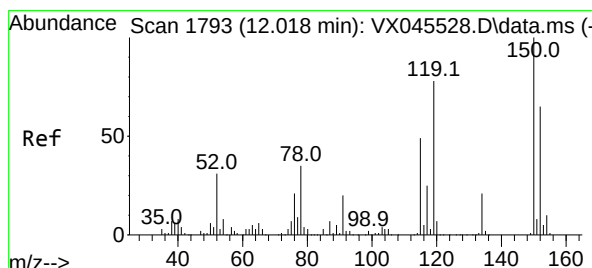
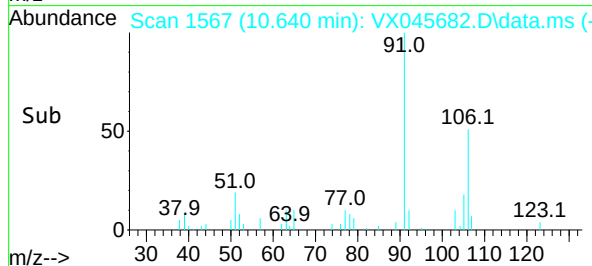
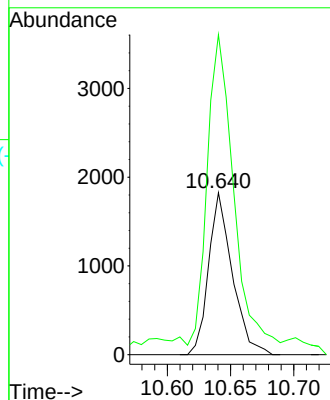
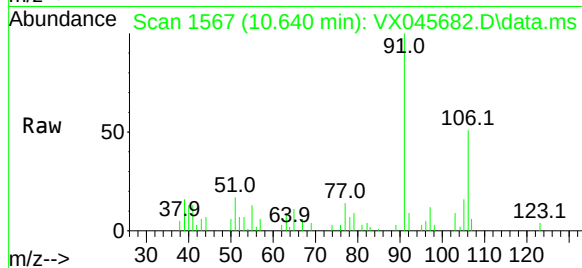
MW5

Tgt Ion:106 Resp: 2384

Ion Ratio Lower Upper

106 100

91 209.4 113.6 340.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

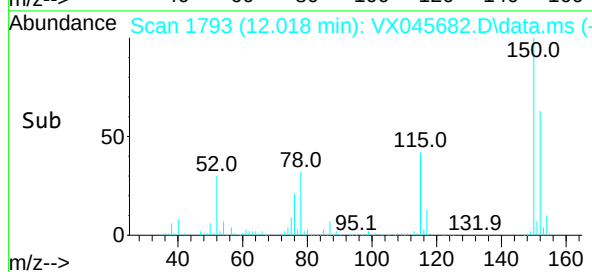
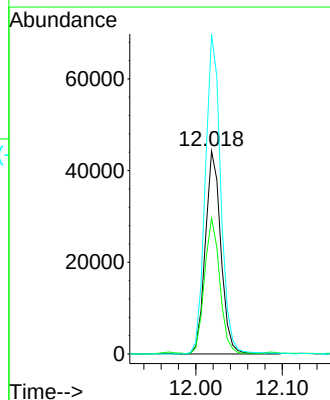
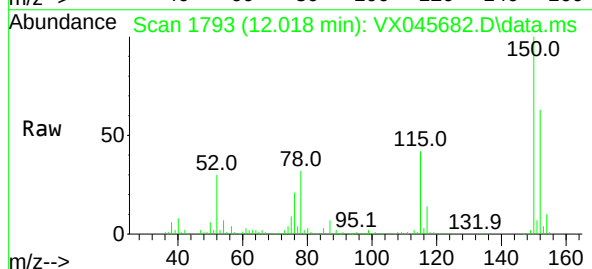
Tgt Ion:152 Resp: 55077

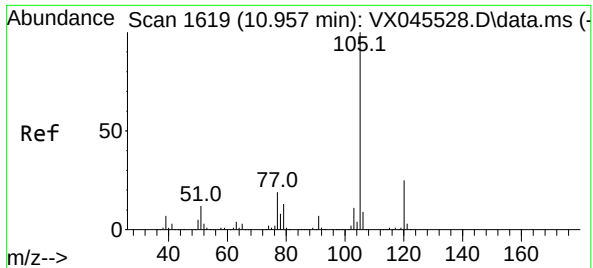
Ion Ratio Lower Upper

152 100

115 65.4 46.9 140.7

150 157.0 0.0 349.4

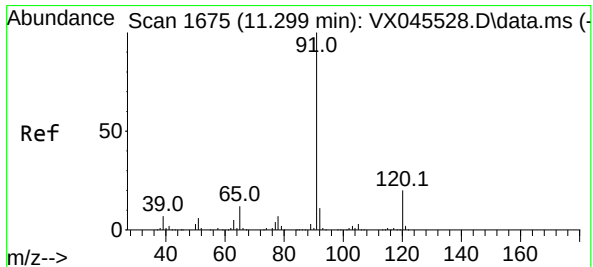
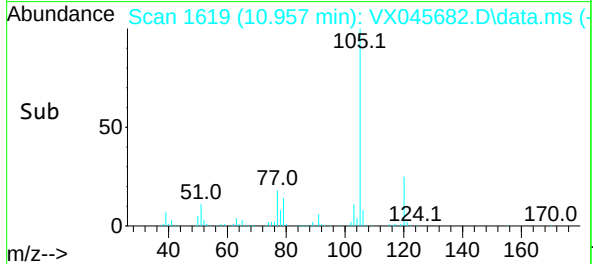
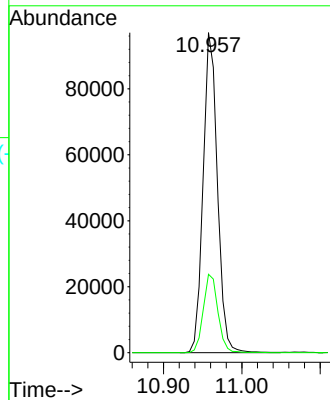
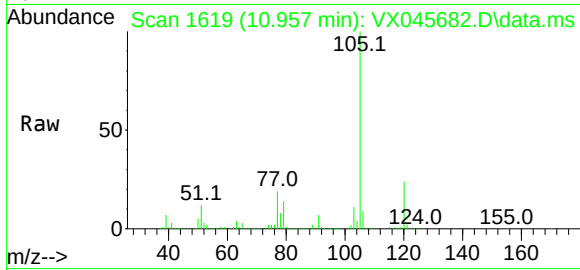




#73
Isopropylbenzene
Concen: 27.838 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

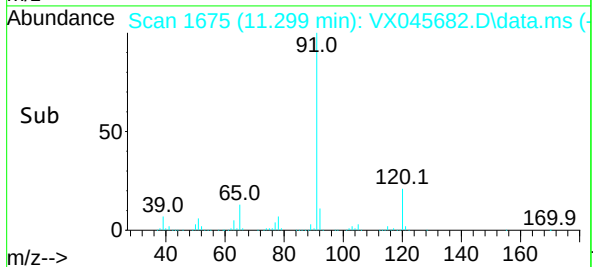
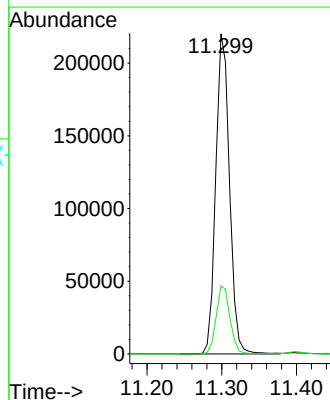
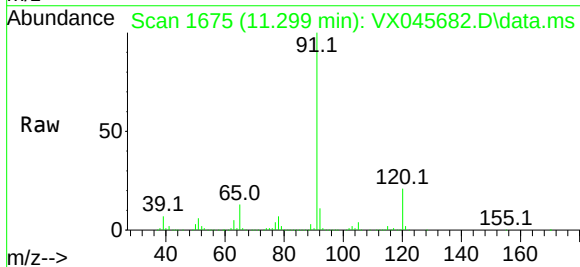
Instrument :
MSVOA_X
ClientSampleId :
MW5

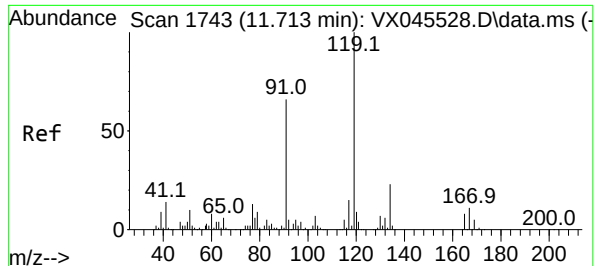
Tgt Ion:105 Resp: 122812
Ion Ratio Lower Upper
105 100
120 25.2 12.7 38.0



#78
n-propylbenzene
Concen: 55.226 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX045682.D
Acq: 09 Apr 2025 17:39

Tgt Ion: 91 Resp: 280633
Ion Ratio Lower Upper
91 100
120 21.3 10.8 32.3





#83

tert-Butylbenzene

Concen: 1.285 ug/l

RT: 11.707 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

MW5

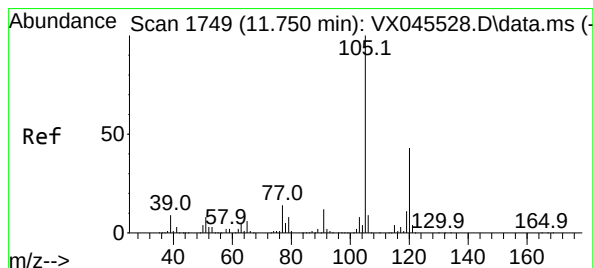
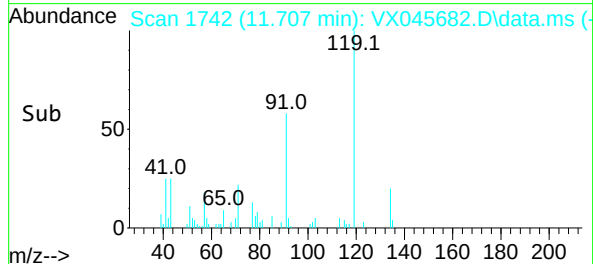
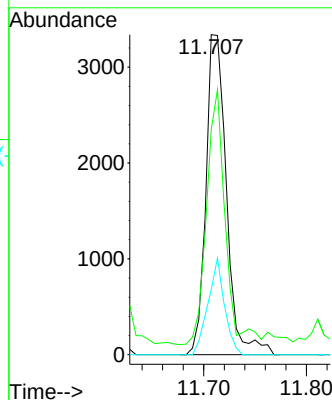
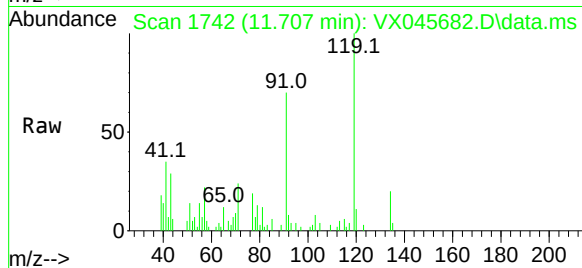
Tgt Ion:119 Resp: 4642

Ion Ratio Lower Upper

119 100

91 69.3 32.4 97.2

134 24.3 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 0.438 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX045682.D

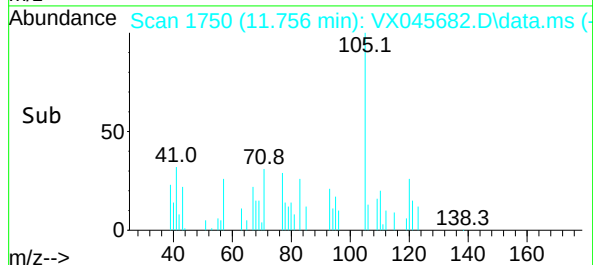
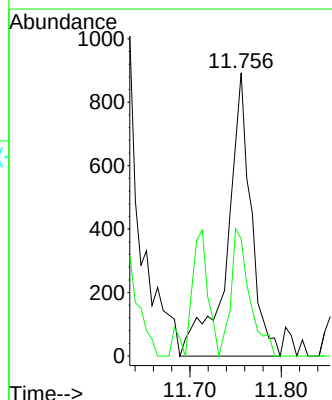
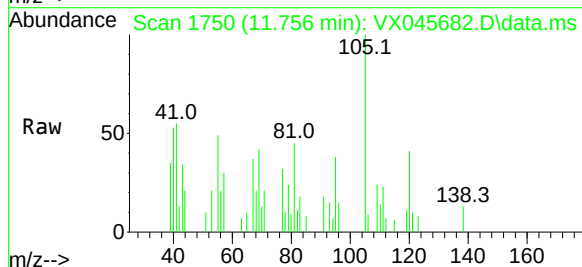
Acq: 09 Apr 2025 17:39

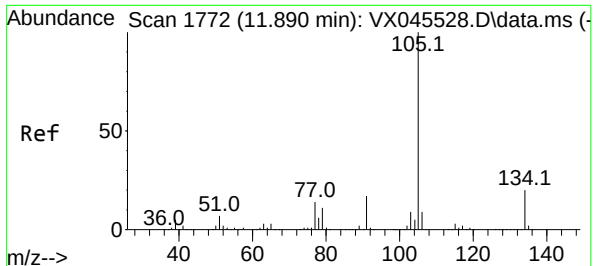
Tgt Ion:105 Resp: 1605

Ion Ratio Lower Upper

105 100

120 35.8 21.4 64.3





#85

sec-Butylbenzene

Concen: 8.233 ug/l

RT: 11.884 min Scan# 1771

Delta R.T. -0.006 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

Instrument :

MSVOA_X

ClientSampleId :

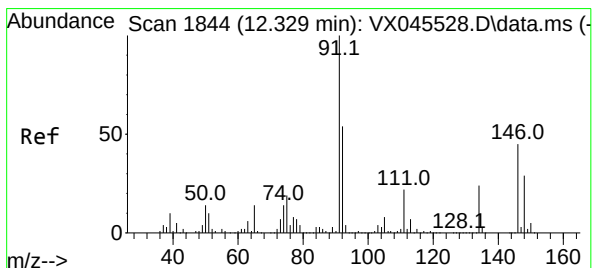
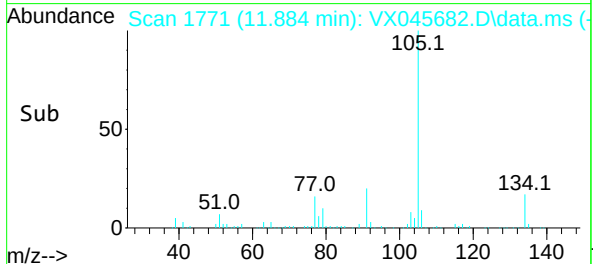
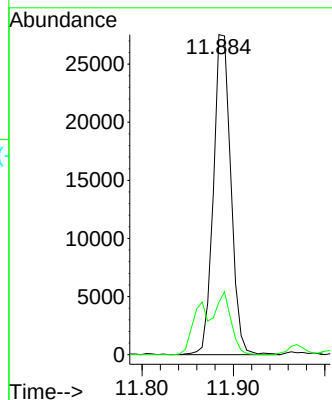
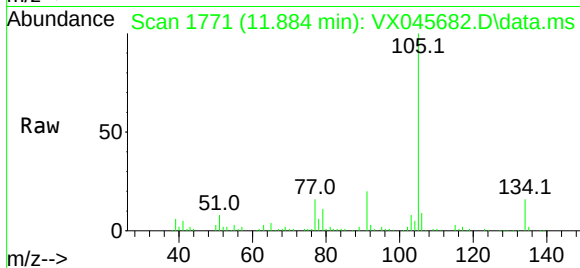
MW5

Tgt Ion:105 Resp: 36522

Ion Ratio Lower Upper

105 100

134 18.3 9.6 28.6



#89

n-Butylbenzene

Concen: 12.845 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX045682.D

Acq: 09 Apr 2025 17:39

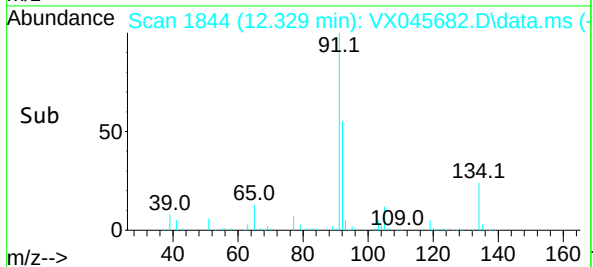
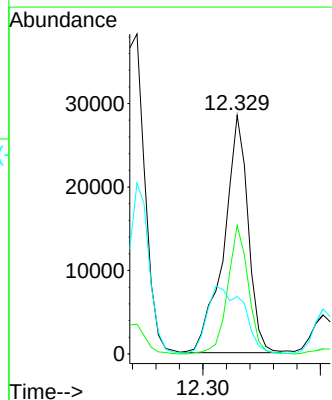
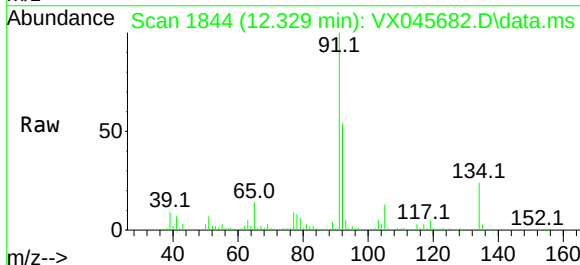
Tgt Ion: 91 Resp: 40738

Ion Ratio Lower Upper

91 100

92 46.2 26.9 80.6

134 42.9 11.9 35.7#



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M

Title : SW846 8260

Signal : TIC: VX045682.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.734	101	106	119	rVB	230568	312485	24.18%	1.349%
2	1.941	135	140	152	rVB	95749	147878	11.44%	0.638%
3	2.209	178	184	194	rVB	53076	86728	6.71%	0.374%
4	2.380	208	212	222	rVB	25999	44158	3.42%	0.191%
5	2.770	267	276	279	rBV3	69142	145308	11.24%	0.627%
6	2.819	279	284	289	rVV	204981	364332	28.19%	1.572%
7	3.093	315	329	343	rBV	234389	525212	40.64%	2.267%
8	3.721	422	432	442	rBV2	43252	107121	8.29%	0.462%
9	3.831	442	450	457	rBV2	19269	49490	3.83%	0.214%
10	4.093	487	493	503	rVB2	16692	42436	3.28%	0.183%
11	4.294	516	526	539	rVV	310998	901861	69.78%	3.892%
12	4.422	539	547	560	rVB4	14263	46429	3.59%	0.200%
13	5.184	642	672	687	rBV4	35569	151066	11.69%	0.652%
14	5.379	692	704	710	rBV2	57224	170826	13.22%	0.737%
15	5.465	710	718	726	rBV3	111084	332126	25.70%	1.433%
16	5.544	726	731	737	rVB	48576	114500	8.86%	0.494%
17	5.818	764	776	789	rBV4	68883	220658	17.07%	0.952%
18	5.952	789	798	805	rVV	61108	165582	12.81%	0.715%
19	6.032	805	811	822	rVV2	45479	133133	10.30%	0.575%
20	6.153	822	831	841	rVV4	62159	244874	18.95%	1.057%
21	6.251	841	847	855	rVV2	59078	164865	12.76%	0.712%
22	6.349	855	863	877	rVB2	67145	188798	14.61%	0.815%
23	6.757	921	930	939	rBV2	136494	404772	31.32%	1.747%
24	7.165	989	997	1006	rBV2	47105	107953	8.35%	0.466%
25	7.373	1016	1031	1045	rBV2	282452	704808	54.53%	3.042%
26	7.653	1069	1077	1090	rBV	52839	109254	8.45%	0.472%
27	7.879	1103	1114	1120	rBV4	24663	84849	6.57%	0.366%
28	8.141	1151	1157	1162	rVV	102774	190980	14.78%	0.824%
29	8.190	1162	1165	1174	rVV5	21419	47106	3.64%	0.203%
30	8.305	1174	1184	1191	rVB6	21217	61919	4.79%	0.267%
31	8.501	1208	1216	1225	rVB3	77340	143514	11.10%	0.619%
32	8.598	1225	1232	1235	rBV2	57745	112881	8.73%	0.487%
33	8.647	1235	1240	1248	rVB	284988	488207	37.78%	2.107%
34	8.921	1279	1285	1289	rBV2	26913	42923	3.32%	0.185%
35	8.970	1289	1293	1298	rVB2	41063	61500	4.76%	0.265%
36	9.098	1306	1314	1319	rBV	41797	73365	5.68%	0.317%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

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\82X040225W.M
Title : SW846 8260

37	9.159	1319	1324	1329	rBV	55414	87294	6.75%	0.377%
38	9.500	1376	1380	1385	rVV3	29669	59002	4.57%	0.255%
39	9.561	1385	1390	1394	rVV	52546	77347	5.98%	0.334%
40	9.604	1394	1397	1402	rVV3	25459	43684	3.38%	0.189%
41	10.049	1465	1470	1476	rBV	300193	406596	31.46%	1.755%
42	10.299	1508	1511	1517	rVV2	38069	64422	4.98%	0.278%
43	10.775	1578	1589	1593	rBV3	26672	47435	3.67%	0.205%
44	10.957	1614	1619	1628	rBV	253067	331052	25.62%	1.429%
45	11.079	1634	1639	1644	rBV	249187	318718	24.66%	1.376%
46	11.299	1670	1675	1686	rVB	460973	586461	45.38%	2.531%
47	11.610	1721	1726	1734	rVB	71817	97061	7.51%	0.419%
48	11.860	1760	1767	1769	rBV	50204	69535	5.38%	0.300%
49	11.884	1769	1771	1777	rVB	70501	91483	7.08%	0.395%
50	12.018	1788	1793	1799	rBV	307599	383275	29.66%	1.654%
51	12.177	1813	1819	1824	rVB	33076	47128	3.65%	0.203%
52	12.244	1824	1830	1836	rBV2	653123	877729	67.91%	3.788%
53	12.311	1836	1841	1843	rBV	101987	146603	11.34%	0.633%
54	12.402	1852	1856	1862	rBV	60877	76432	5.91%	0.330%
55	12.610	1882	1890	1893	rBV	575745	700653	54.21%	3.024%
56	12.640	1893	1895	1900	rVV	128114	158246	12.24%	0.683%
57	12.695	1900	1904	1912	rVV2	355274	565624	43.77%	2.441%
58	12.835	1920	1927	1932	rVB3	49783	91190	7.06%	0.394%
59	12.921	1932	1941	1946	rBV	350660	479468	37.10%	2.069%
60	13.024	1954	1958	1965	rVB2	77794	115441	8.93%	0.498%
61	13.091	1965	1969	1971	rBV	49885	65491	5.07%	0.283%
62	13.134	1974	1976	1978	rVV2	64671	72016	5.57%	0.311%
63	13.164	1978	1981	1991	rVV	287708	369578	28.60%	1.595%
64	13.286	1991	2001	2008	rVV2	745615	1131645	87.56%	4.884%
65	13.366	2012	2014	2020	rVV	64969	99095	7.67%	0.428%
66	13.420	2020	2023	2032	rVB4	61365	101917	7.89%	0.440%
67	13.506	2032	2037	2039	rBV2	70124	92734	7.18%	0.400%
68	13.542	2039	2043	2046	rVV	145536	200608	15.52%	0.866%
69	13.579	2046	2049	2053	rVV2	188990	265748	20.56%	1.147%
70	13.640	2053	2059	2060	rVV2	86493	151545	11.73%	0.654%
71	13.658	2060	2062	2071	rVB2	168610	268943	20.81%	1.161%
72	13.750	2072	2077	2080	rBV	31981	44648	3.45%	0.193%
73	13.792	2080	2084	2089	rVB3	49240	68108	5.27%	0.294%
74	13.847	2089	2093	2098	rVB2	116082	155132	12.00%	0.670%
75	13.920	2098	2105	2110	rBV2	154752	235048	18.19%	1.014%
76	13.969	2110	2113	2117	rBV	66897	84273	6.52%	0.364%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Title : SW846 8260

77	14.073	2125	2130	2134	rBV	170049	231991	17.95%	1.001%
78	14.213	2148	2153	2163	rVV2	202456	422705	32.71%	1.824%
79	14.317	2166	2170	2174	rVV	89110	111513	8.63%	0.481%
80	14.371	2175	2179	2183	rVB	150619	195135	15.10%	0.842%
81	14.414	2183	2186	2192	rVB2	36681	51181	3.96%	0.221%
82	14.481	2192	2197	2201	rBV2	151637	228468	17.68%	0.986%
83	14.634	2214	2222	2226	rVV	948218	1292401	100.00%	5.578%
84	14.670	2226	2228	2232	rVV2	64733	75996	5.88%	0.328%
85	14.725	2233	2237	2240	rVV2	31956	43196	3.34%	0.186%
86	14.774	2240	2245	2250	rVV	810372	1091640	84.47%	4.711%
87	14.841	2254	2256	2260	rVV4	33143	46444	3.59%	0.200%
88	14.902	2263	2266	2272	rVV4	21987	50715	3.92%	0.219%
89	14.957	2273	2275	2283	rVB6	24155	42635	3.30%	0.184%
90	15.182	2306	2312	2314	rBV	85227	124422	9.63%	0.537%
91	15.371	2338	2343	2346	rBV	120498	171944	13.30%	0.742%
92	15.408	2346	2349	2354	rVV3	73728	112199	8.68%	0.484%
93	15.475	2354	2360	2372	rVV	367055	605349	46.84%	2.613%
94	15.609	2376	2382	2386	rVV	435517	706528	54.67%	3.049%
95	15.646	2386	2388	2397	rVV	235247	327837	25.37%	1.415%
96	15.737	2398	2403	2408	rVB4	26877	51628	3.99%	0.223%
97	15.835	2410	2419	2429	rVB	114368	315871	24.44%	1.363%
98	15.987	2437	2444	2456	rVB	74370	145016	11.22%	0.626%
99	16.353	2499	2504	2511	rVB2	24779	52075	4.03%	0.225%
100	16.591	2539	2543	2549	rVB2	28544	51088	3.95%	0.220%

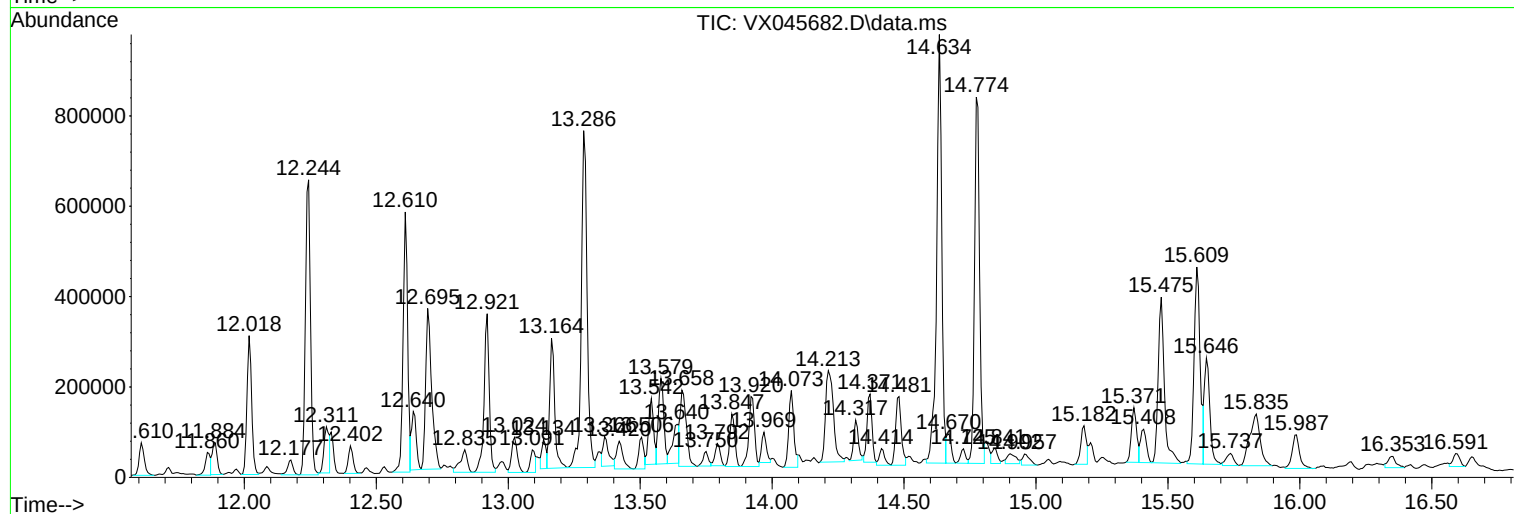
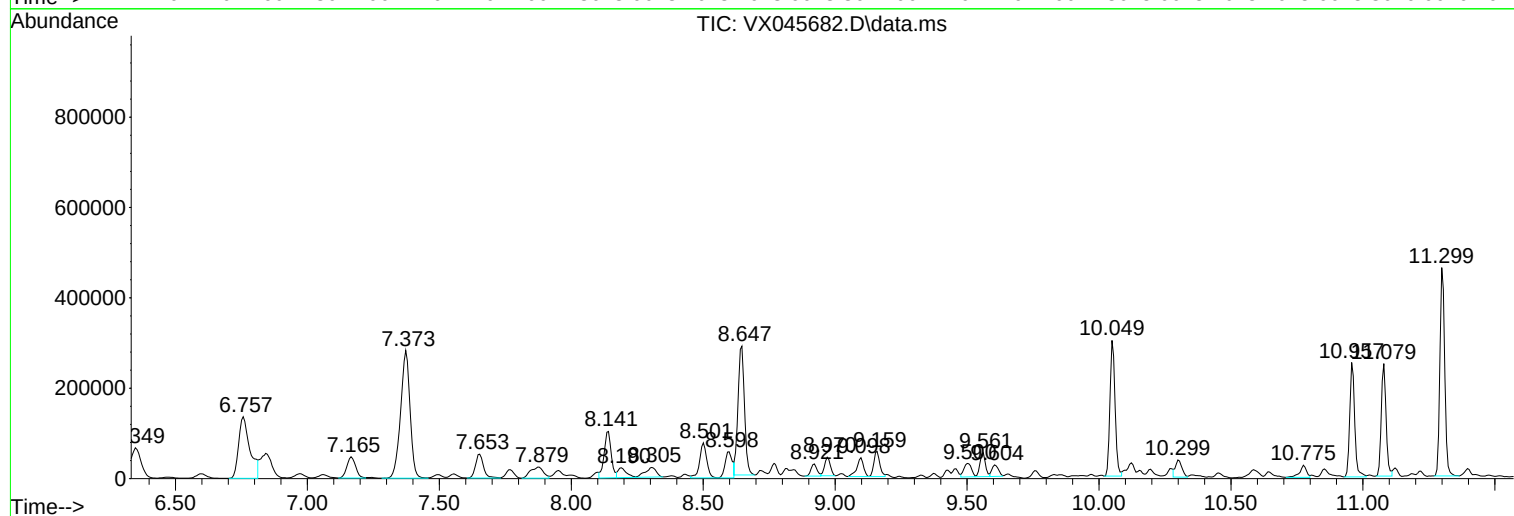
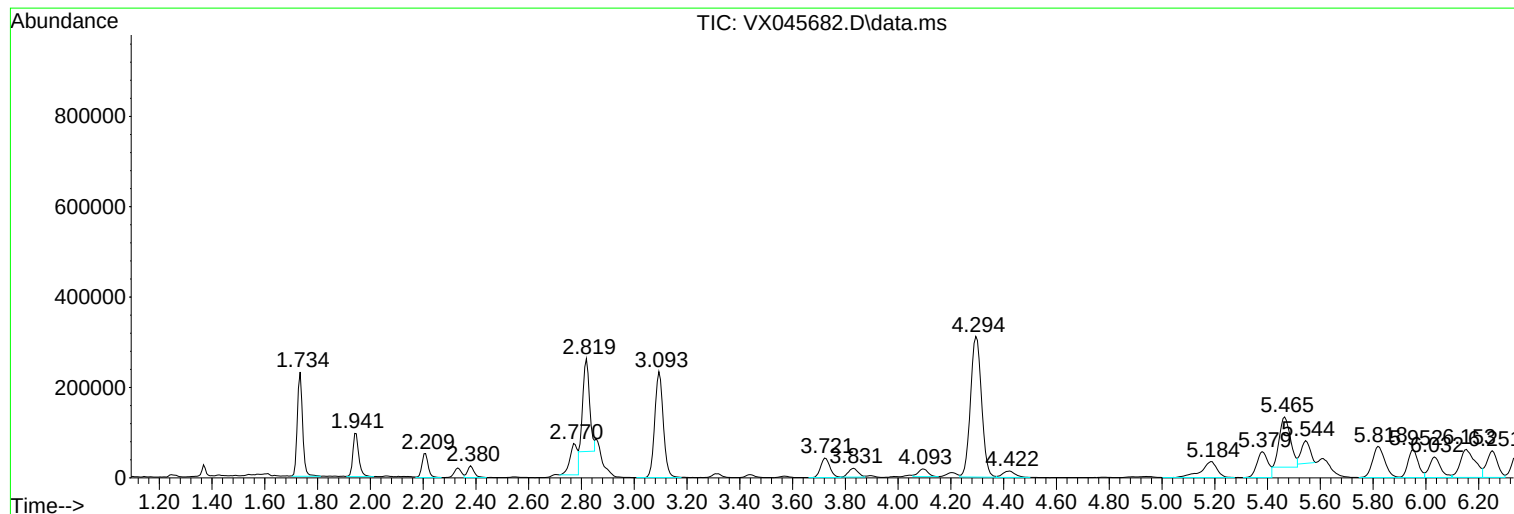
Sum of corrected areas: 23170282

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

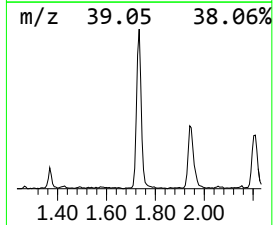
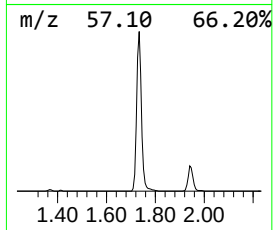
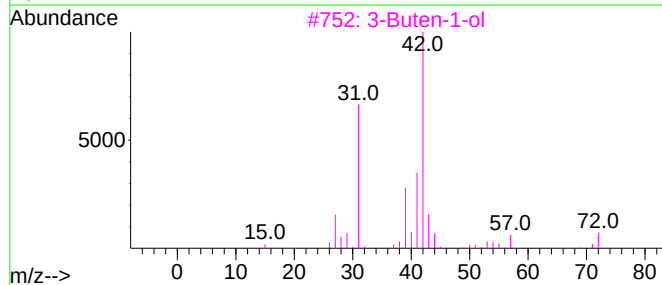
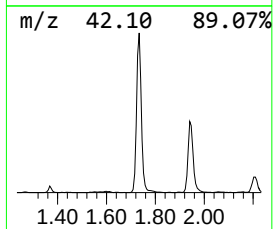
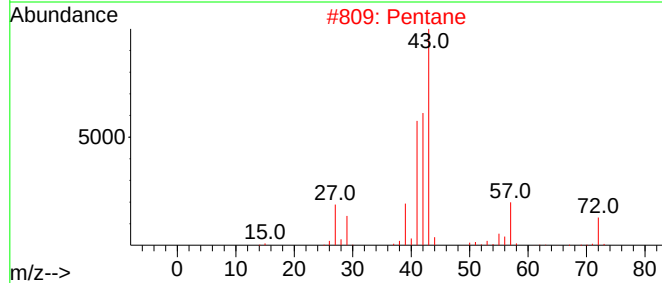
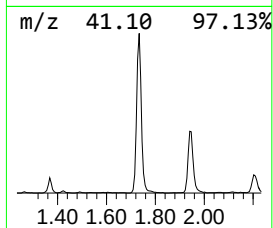
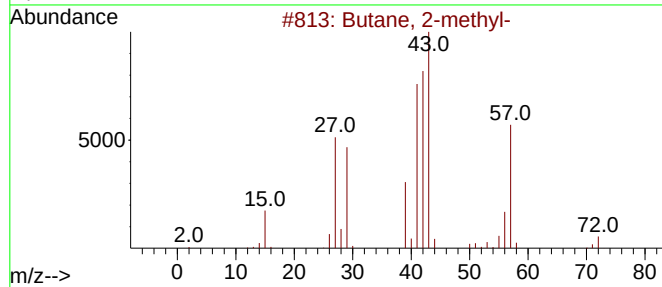
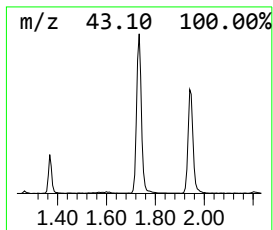
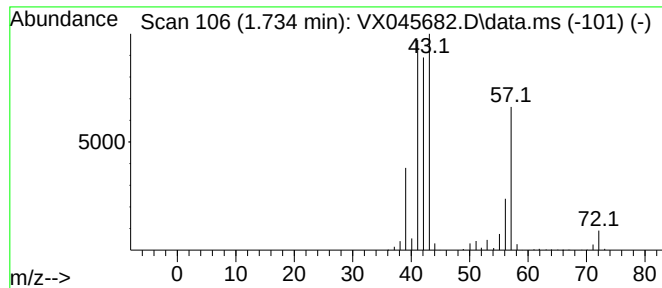
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 1 Butane, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.734	136.46 ug/l	312485	Pentafluorobenzene	5.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methyl-	72	C5H12	000078-78-4	64
2			Pentane	72	C5H12	000109-66-0	38
3			3-Buten-1-ol	72	C4H8O	000627-27-0	38
4			1-Butene	56	C4H8	000106-98-9	16
5			Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

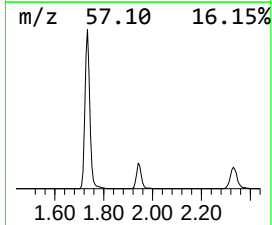
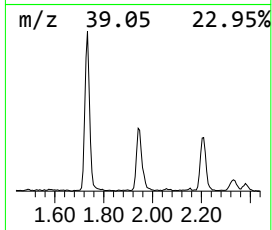
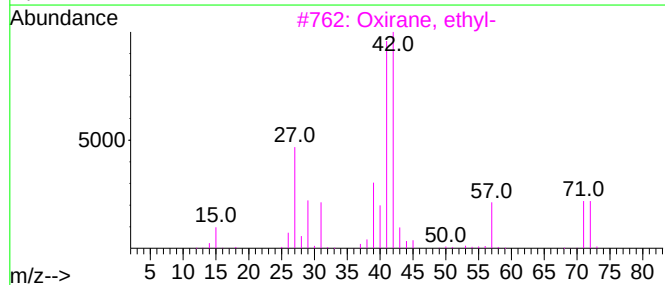
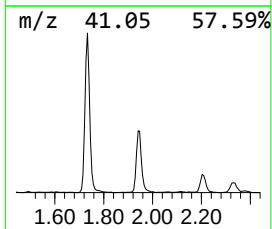
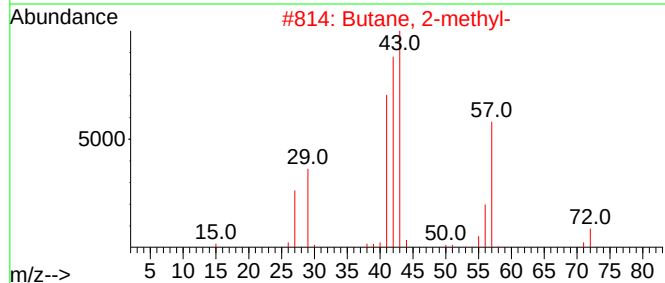
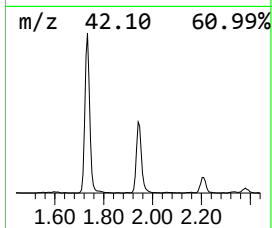
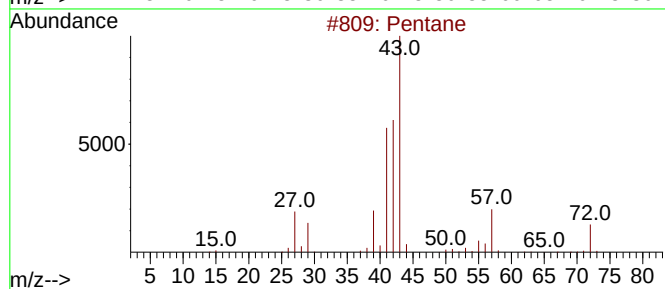
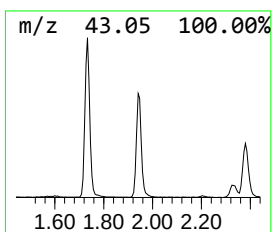
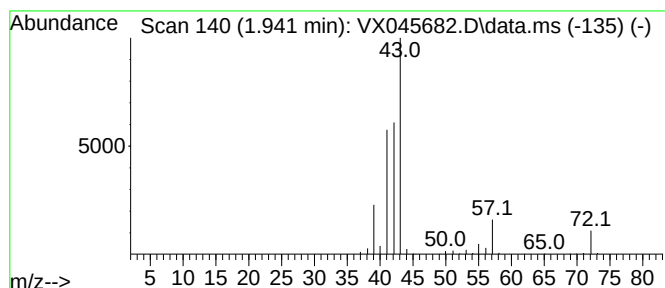
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 2 Pentane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.941	64.58 ug/l	147878	Pentafluorobenzene	5.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane			72	C5H12	000109-66-0	87
2	Butane, 2-methyl-			72	C5H12	000078-78-4	64
3	Oxirane, ethyl-			72	C4H8O	000106-88-7	53
4	Cyclobutane, methyl-			70	C5H10	000598-61-8	32
5	Isobutyl nitrite			103	C4H9NO2	000542-56-3	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

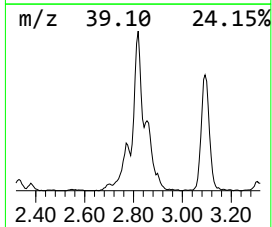
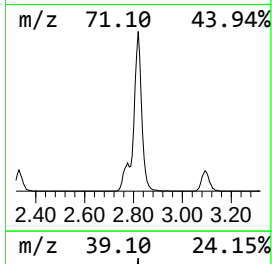
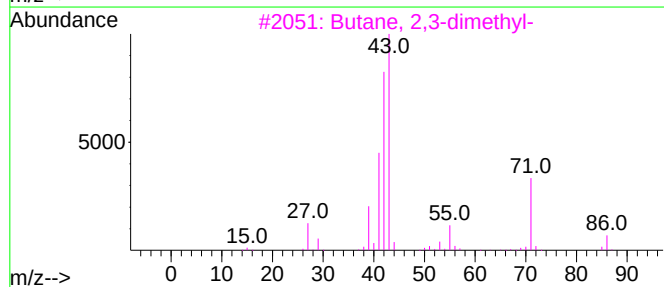
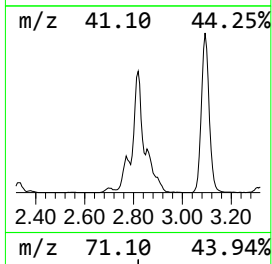
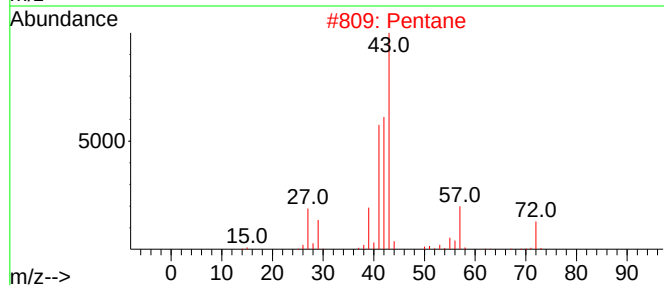
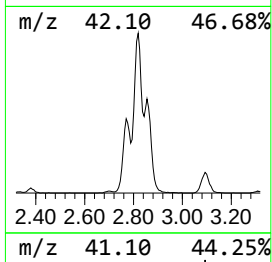
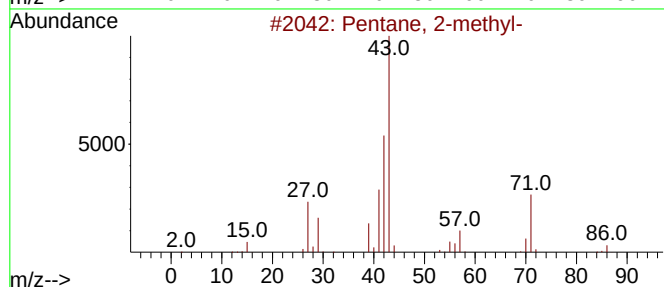
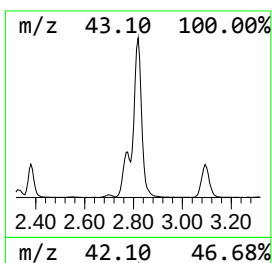
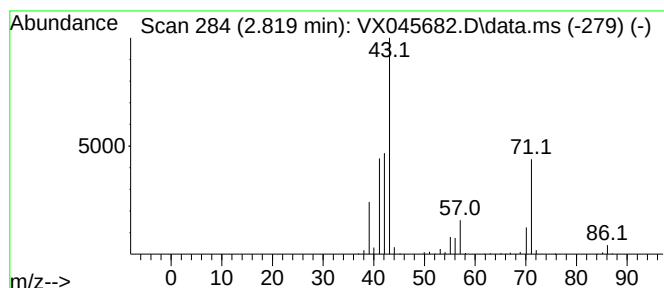
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 3 Pentane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.819	159.10 ug/l	364332	Pentafluorobenzene	5.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2			Pentane	72	C5H12	000109-66-0	47
3			Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	46
4			Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	28
5			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

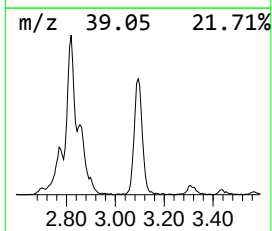
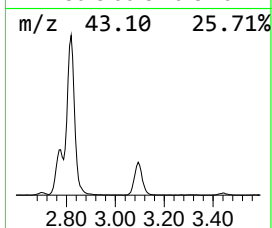
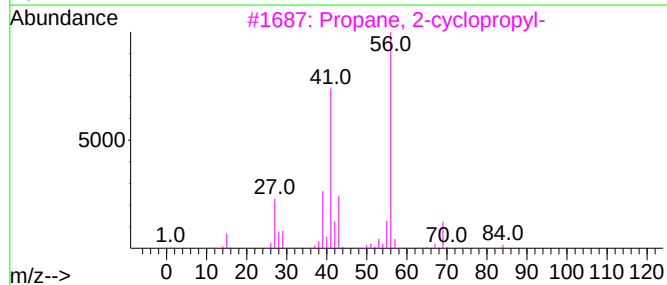
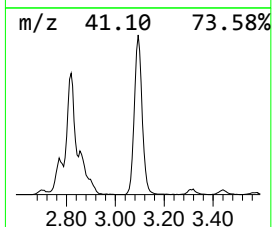
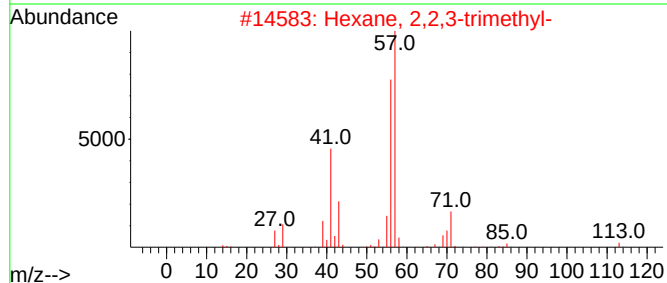
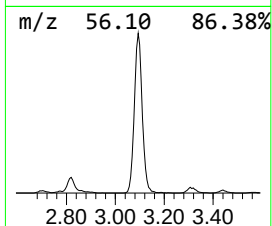
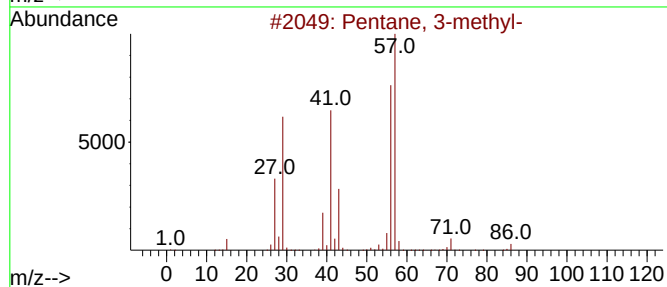
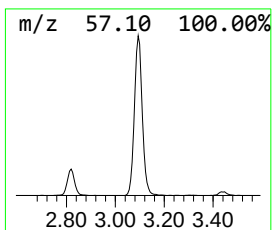
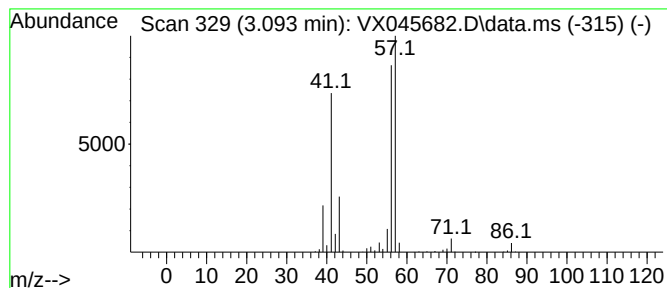
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 4 Pentane, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	229.35 ug/l	525212	Pentafluorobenzene	5.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2			Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	78
3			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	45
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
5			1-Butanol, 2-methyl-	88	C5H12O	000137-32-6	40



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

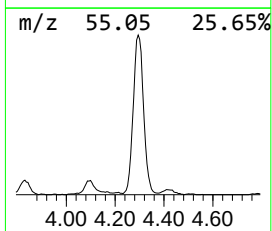
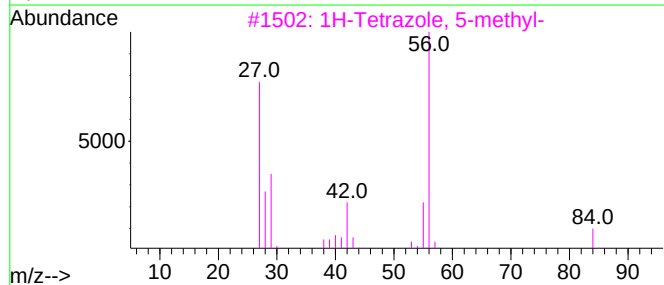
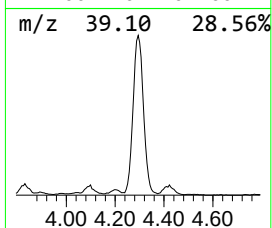
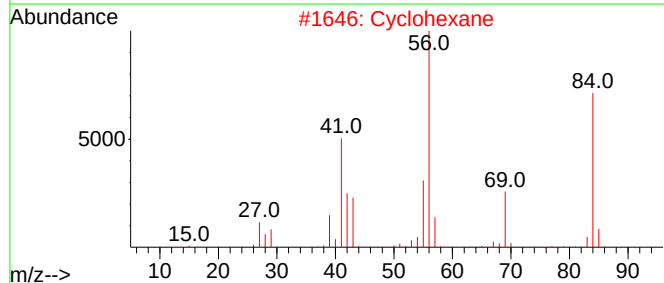
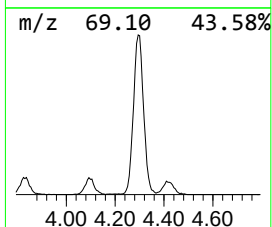
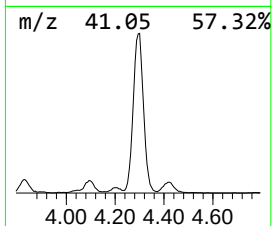
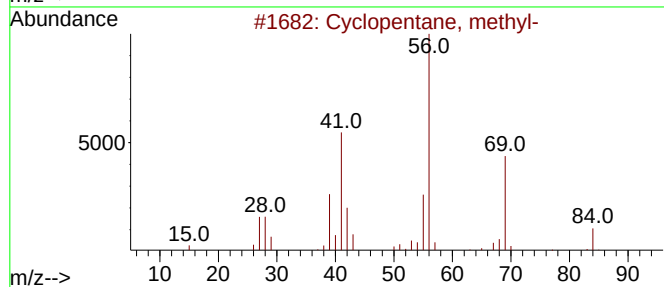
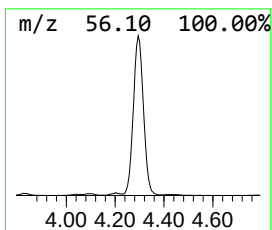
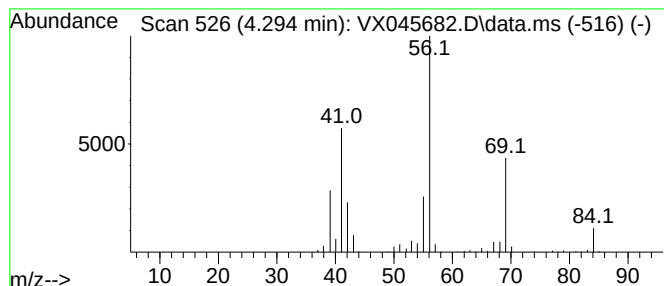
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 5 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.294	393.83 ug/l	901861	Pentafluorobenzene	5.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2			Cyclohexane	84	C6H12	000110-82-7	78
3			1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
4			Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5			Cyclobutane	56	C4H8	000287-23-0	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

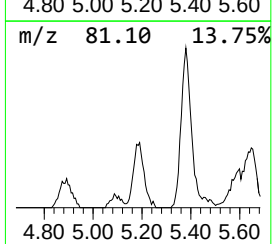
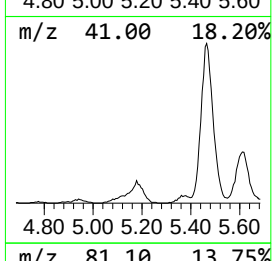
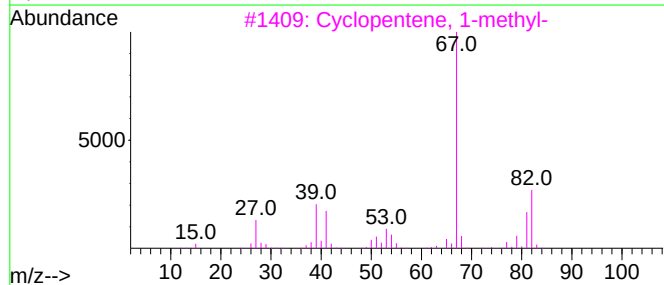
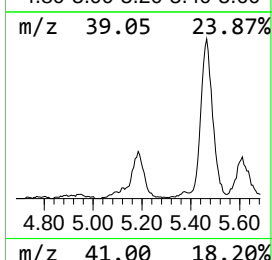
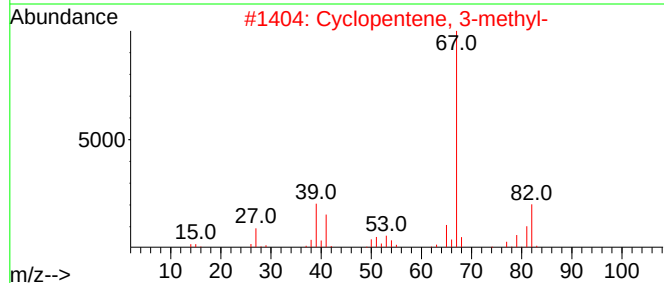
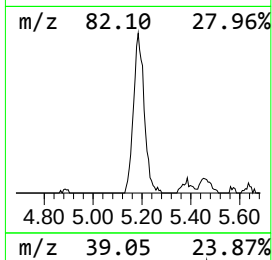
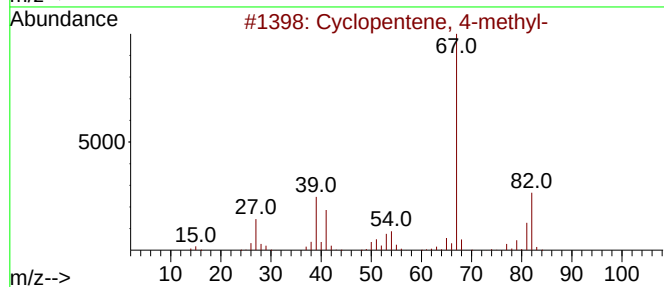
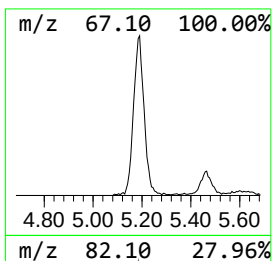
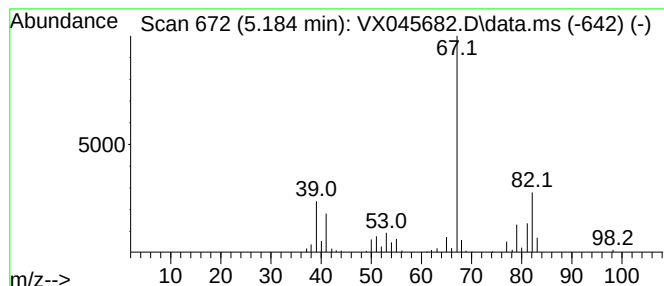
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 6 Cyclopentene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.184	65.97 ug/l	151066	Pentafluorobenzene	5.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	83
2			Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	83
3			Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	81
4			Cyclopentane, methylene-	82	C6H10	001528-30-9	80
5			1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

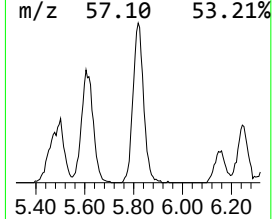
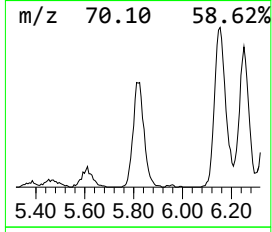
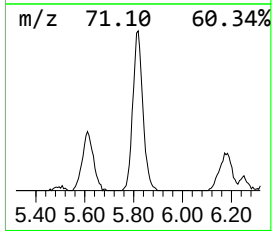
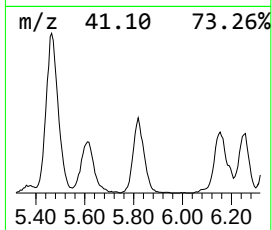
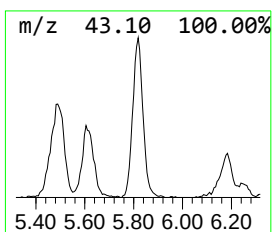
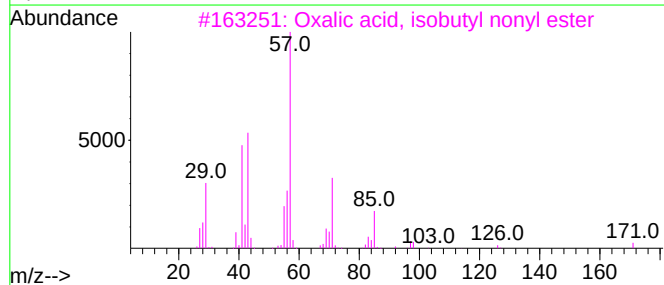
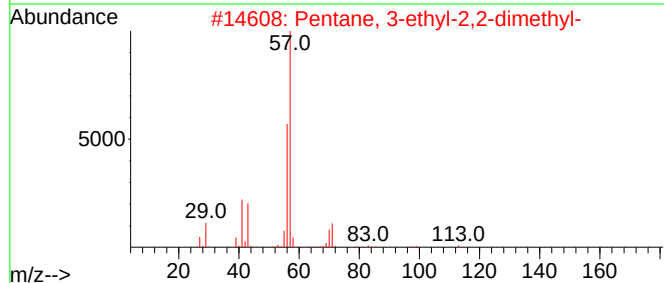
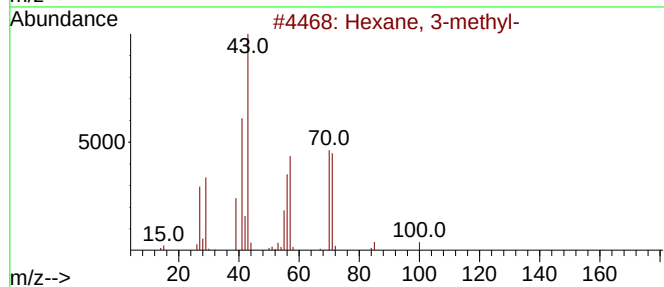
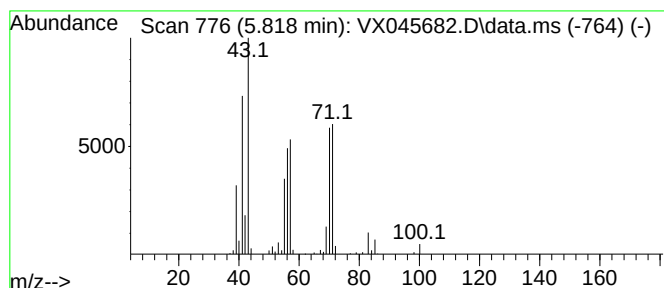
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 7 Hexane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.818	96.36 ug/l	220658	Pentafluorobenzene	5.544

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 3-methyl-	100	C7H16	000589-34-4	93
2			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	64
3			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	53
4			1-Butanol, 2-ethyl-	102	C6H14O	000097-95-0	53
5			Oxalic acid, isobutyl octyl ester	258	C14H26O4	1000309-37-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

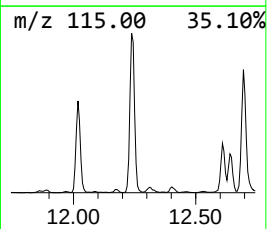
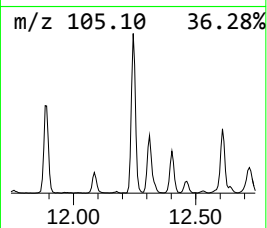
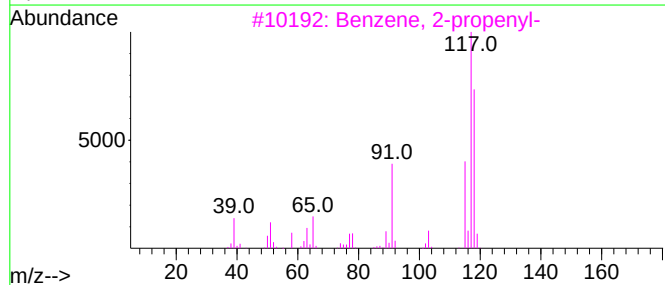
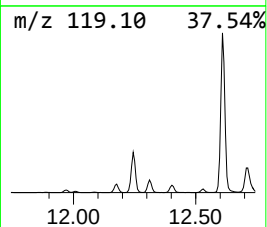
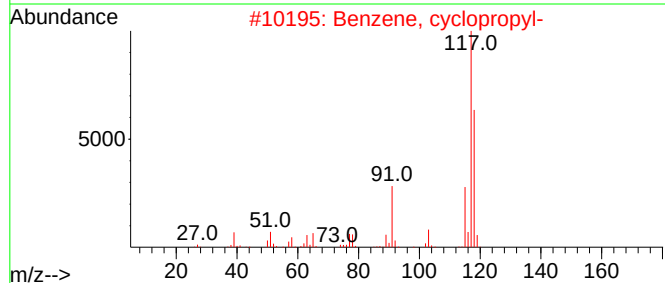
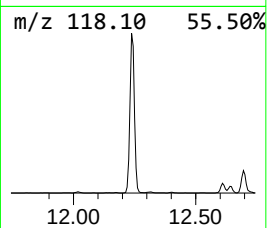
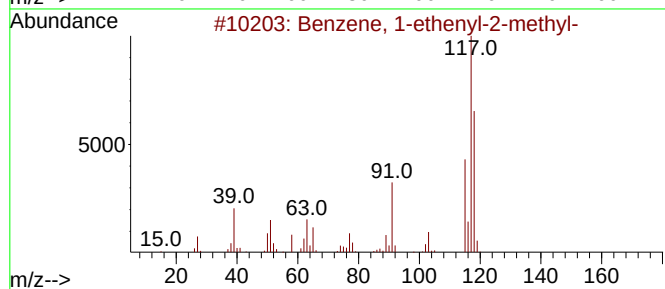
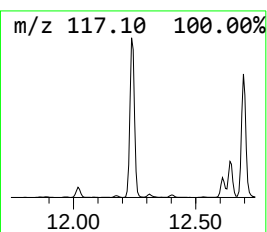
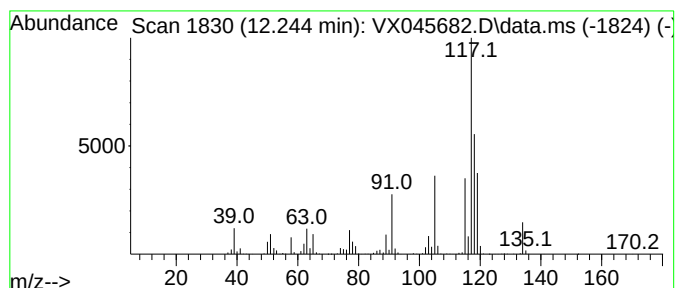
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 8 Benzene, 1-ethenyl-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	114.50 ug/l	877729	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	83
2			Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
3			Benzene, 2-propenyl-	118	C9H10	000300-57-2	64
4			Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
5			Indane	118	C9H10	000496-11-7	60



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

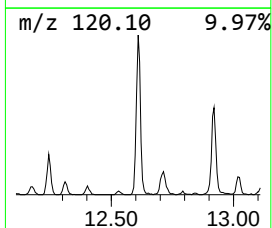
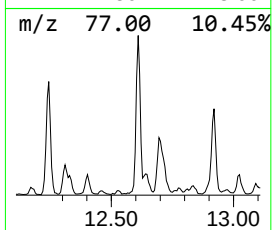
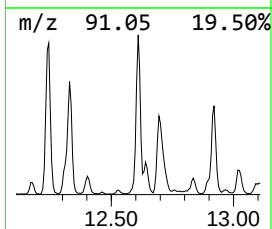
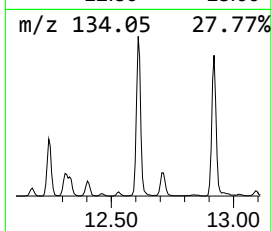
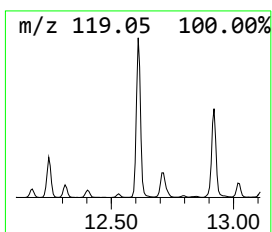
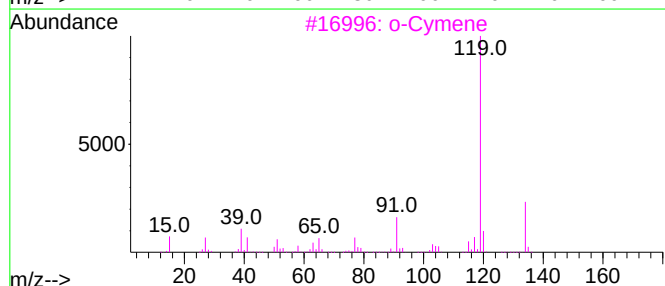
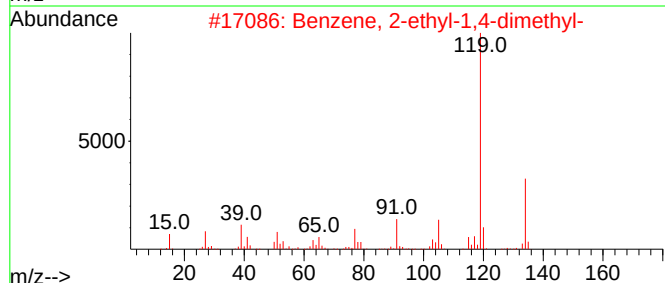
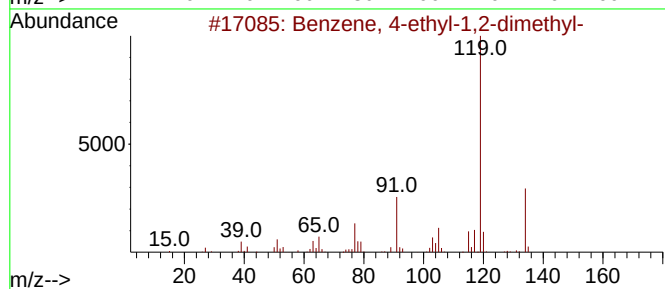
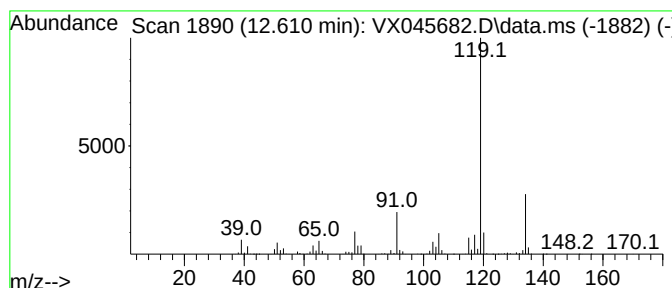
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 9 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	91.40 ug/l	700653	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-1,4-dimethyl-	134	C10H14	001758-88-9	95
3			o-Cymene	134	C10H14	000527-84-4	95
4			p-Cymene	134	C10H14	000099-87-6	95
5			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

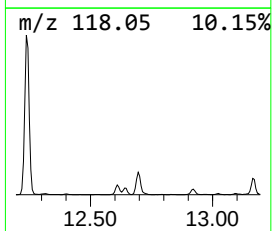
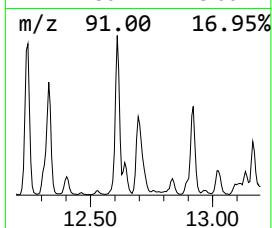
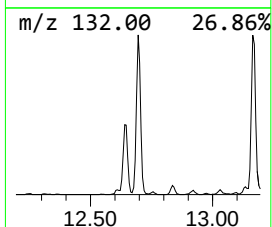
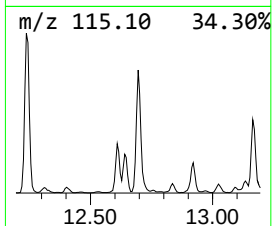
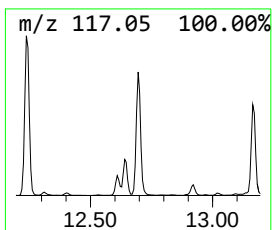
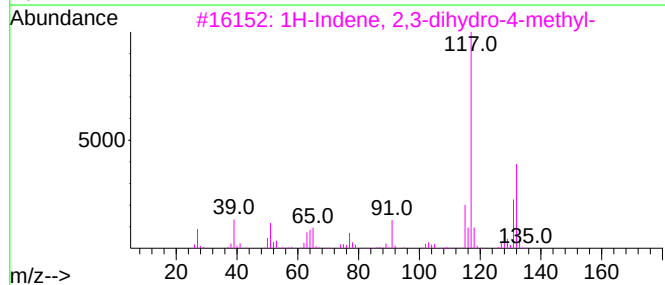
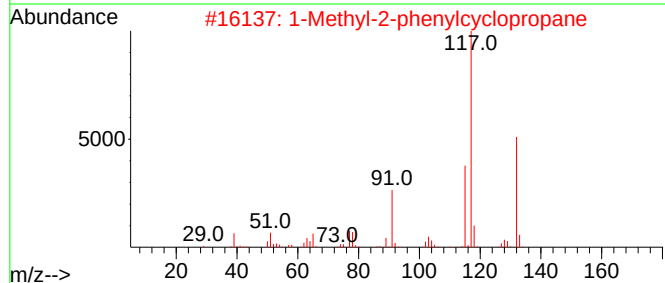
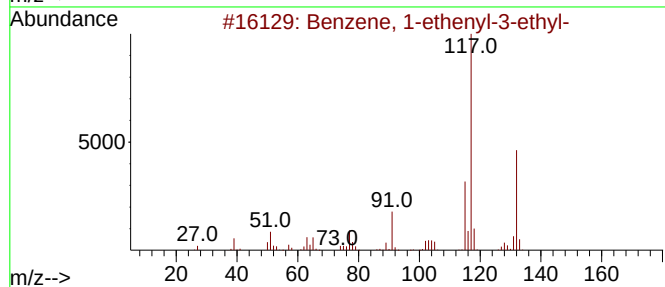
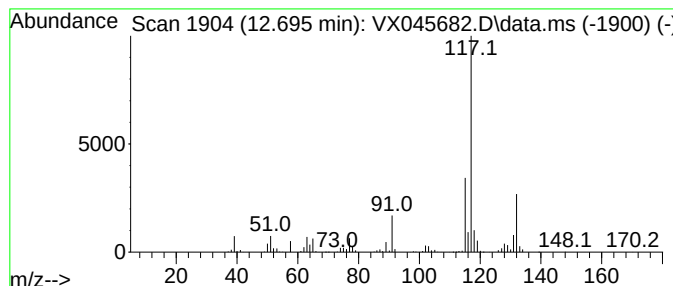
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 10 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.695	73.79 ug/l	565624	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	91
2			1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	87
3			1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4			Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
5			Indan, 1-methyl-	132	C10H12	000767-58-8	87



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

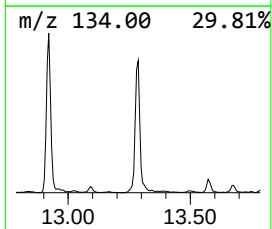
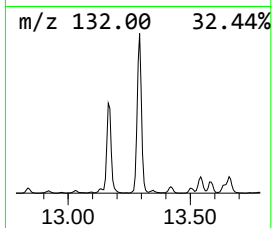
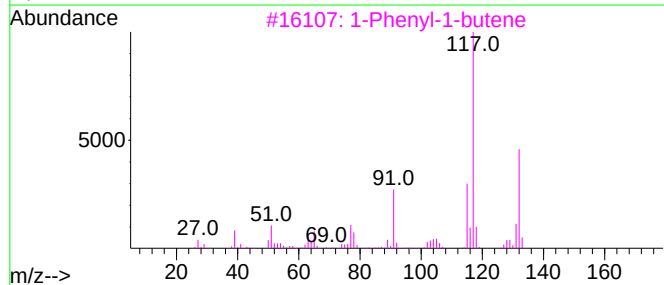
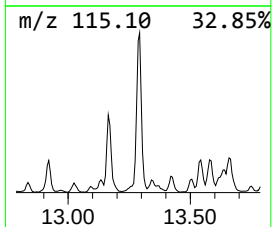
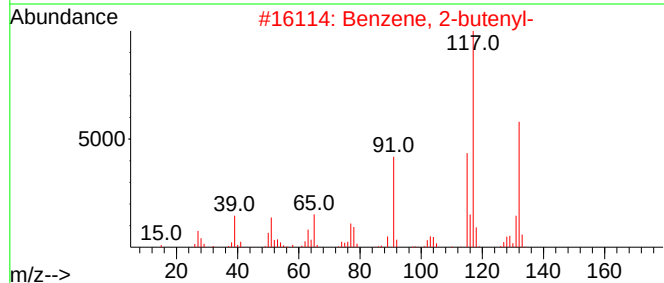
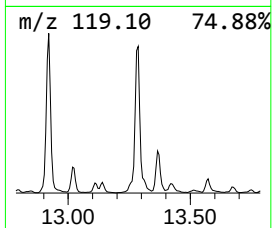
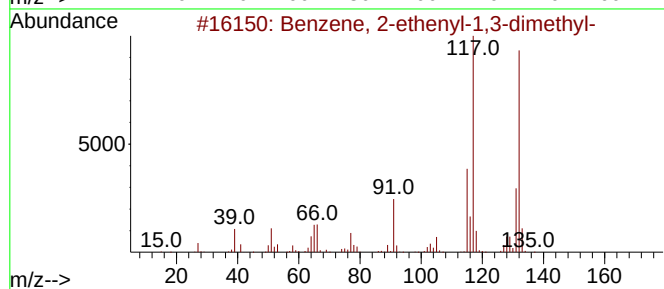
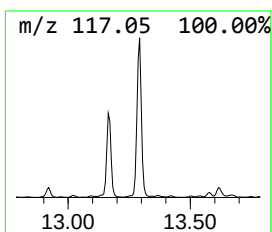
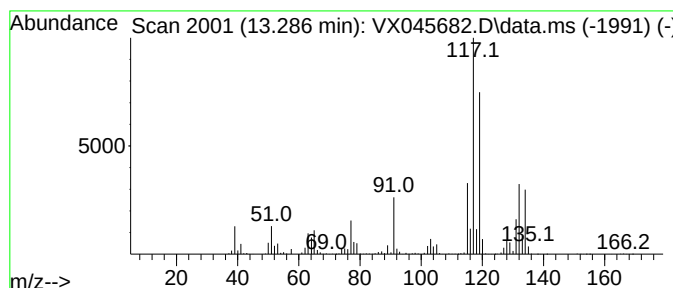
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 11 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.286	147.63 ug/l	1131650	1,4-Dichlorobenzene-d4	12.018

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	78
2		Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
3		1-Phenyl-1-butene	132	C10H12	000824-90-8	60
4		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	55
5		1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	55



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

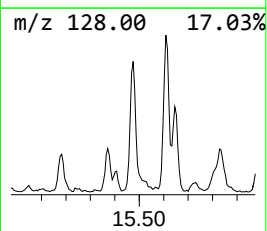
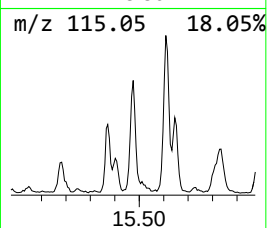
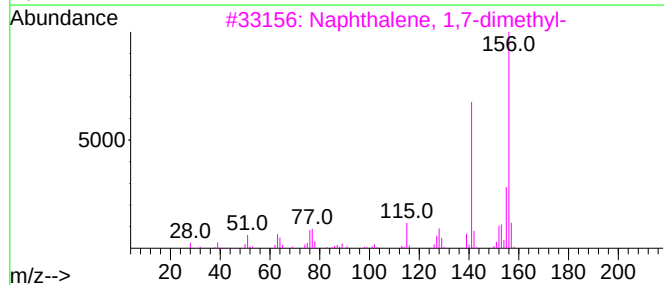
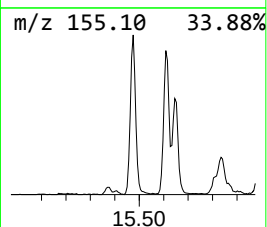
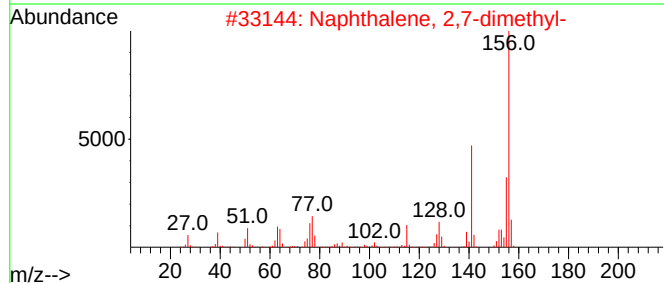
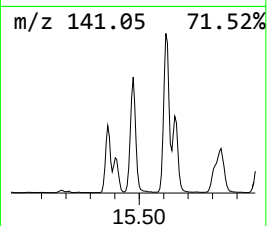
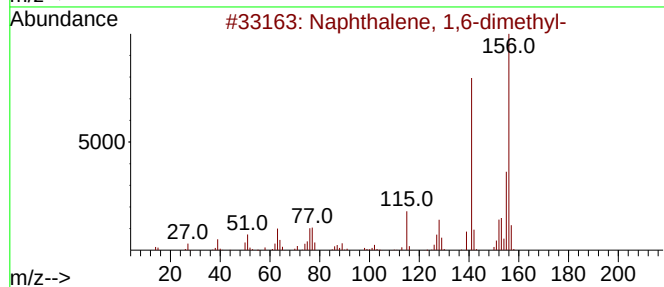
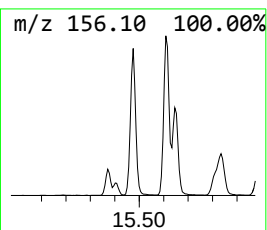
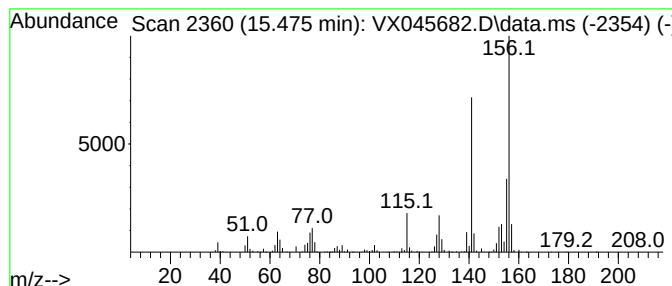
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 14 Naphthalene, 1,6-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.475	78.97 ug/l	605349	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

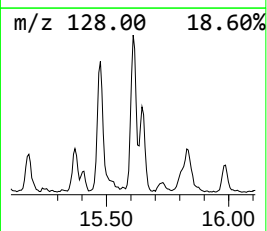
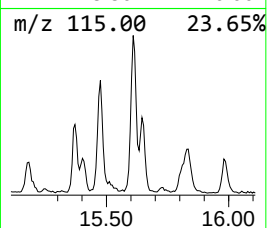
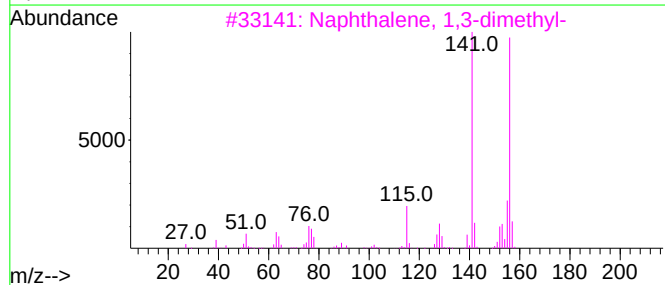
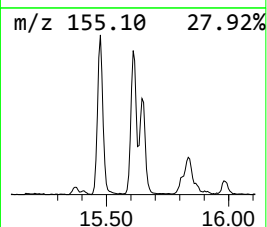
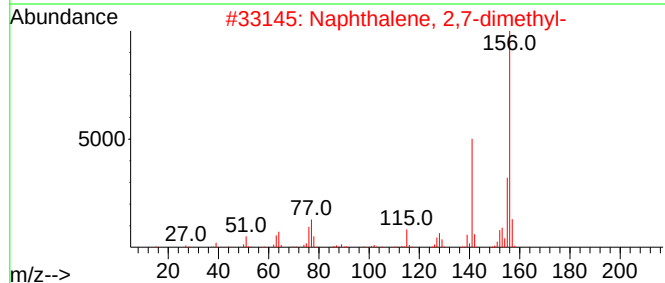
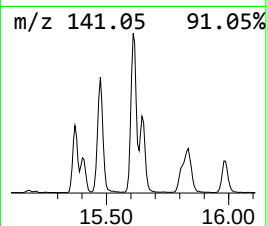
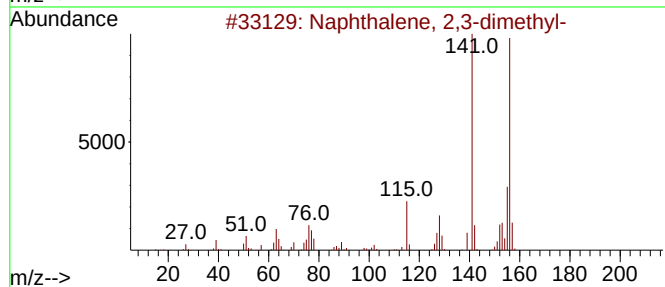
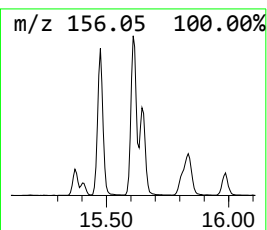
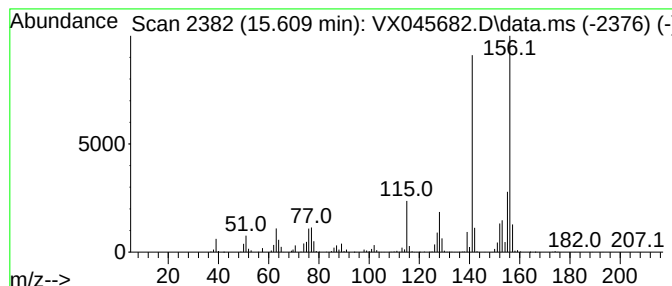
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.609	92.17 ug/l	706528	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, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5			Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045682.D
Acq On : 09 Apr 2025 17:39
Operator : JC/MD
Sample : Q1762-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methyl-	1.734	136.5	ug/l	312485	1	5.544	114500	50.0
Pentane	1.941	64.6	ug/l	147878	1	5.544	114500	50.0
Pentane, 2-methyl-	2.819	159.1	ug/l	364332	1	5.544	114500	50.0
Pentane, 3-methyl-	3.093	229.3	ug/l	525212	1	5.544	114500	50.0
Cyclopentane, m...	4.294	393.8	ug/l	901861	1	5.544	114500	50.0
Cyclopentene, 4...	5.184	66.0	ug/l	151066	1	5.544	114500	50.0
Hexane, 3-methyl-	5.818	96.4	ug/l	220658	1	5.544	114500	50.0
Benzene, 1-ethe...	12.244	114.5	ug/l	877729	4	12.018	383275	50.0
Benzene, 4-ethy...	12.610	91.4	ug/l	700653	4	12.018	383275	50.0
Benzene, 1-ethe...	12.695	73.8	ug/l	565624	4	12.018	383275	50.0
Benzene, 2-ethe...	13.286	147.6	ug/l	1131650	4	12.018	383275	50.0
Naphthalene, 1,...	15.475	79.0	ug/l	605349	4	12.018	383275	50.0
Naphthalene, 2,...	15.609	92.2	ug/l	706528	4	12.018	383275	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045666.D
 Acq On : 09 Apr 2025 11:26
 Operator : JC/MD
 Sample : VX0409WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBL01

A
B
C
D
E
F
G
H
I
J

Quant Time: Apr 10 01:33:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	69921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	50474	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68376	53.474	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.940%	
35) Dibromofluoromethane	5.379	113	50392	51.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.680%	
50) Toluene-d8	8.647	98	172860	50.459	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	11.079	95	62262	49.896	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.800%	

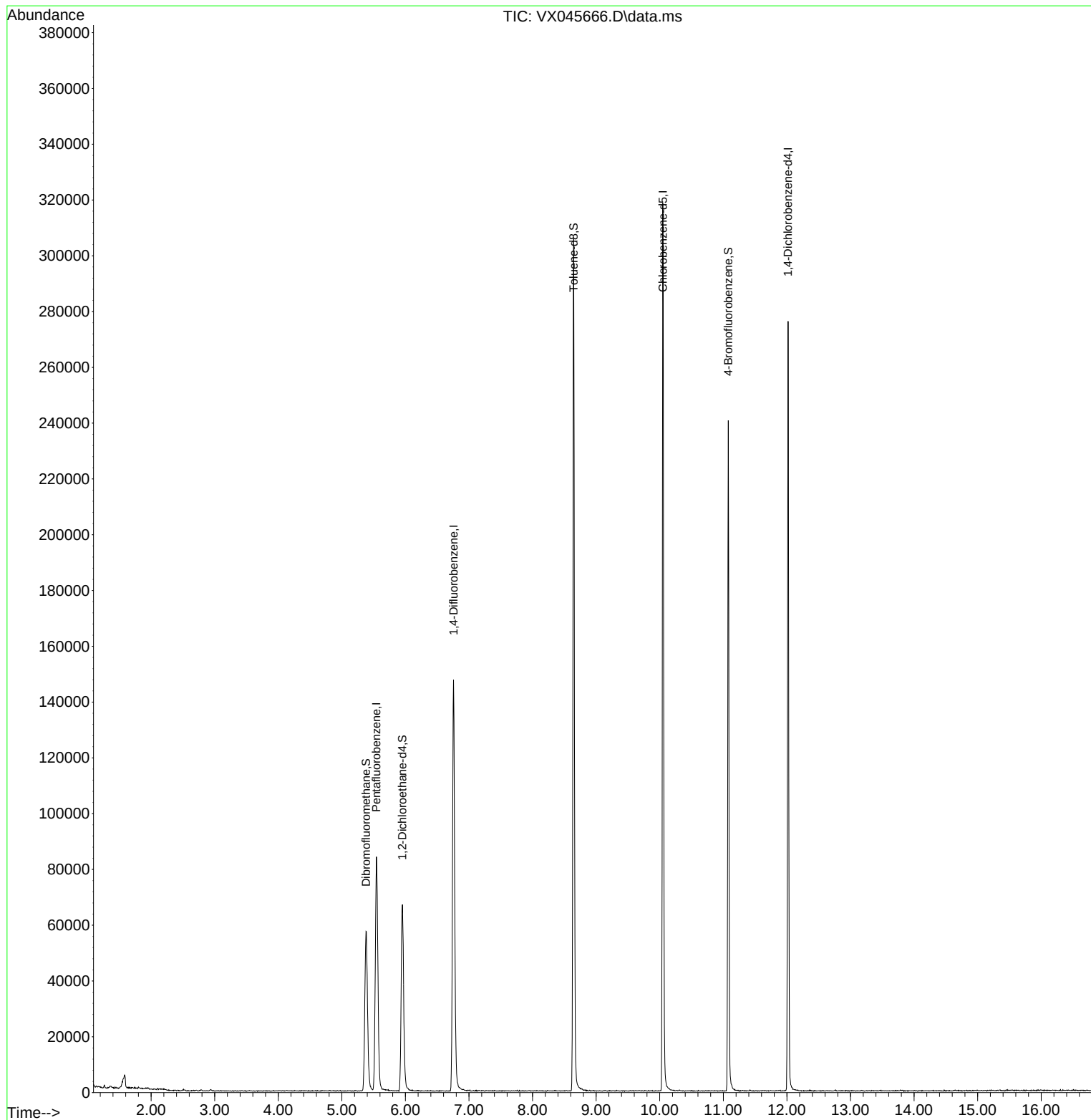
Target Compounds	Qvalue

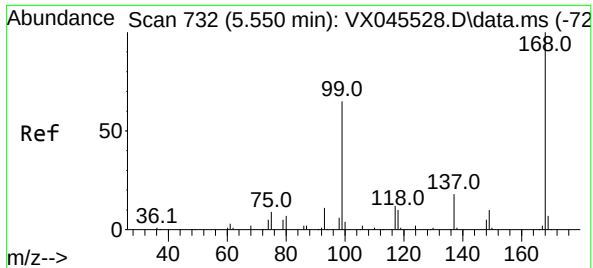
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Time: Apr 10 01:33:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

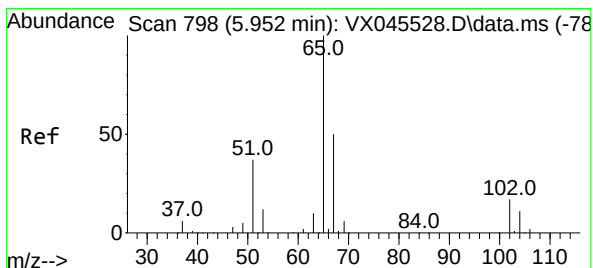
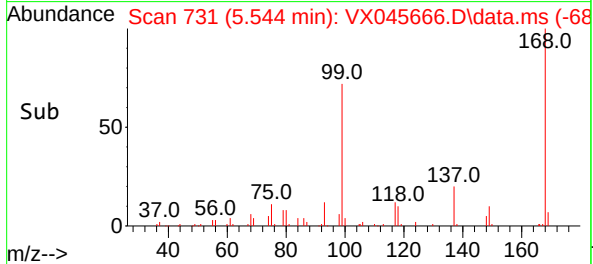
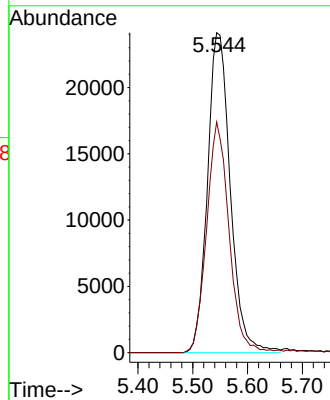
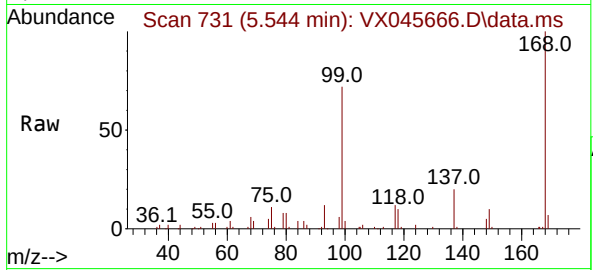




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

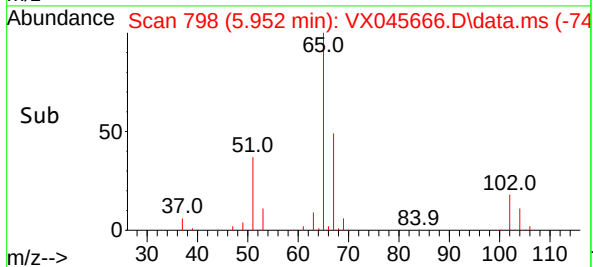
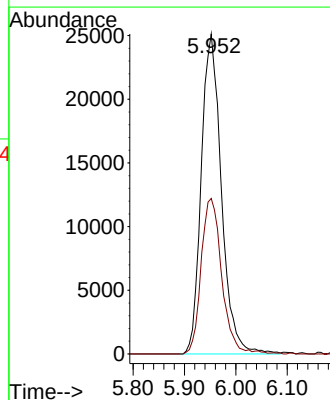
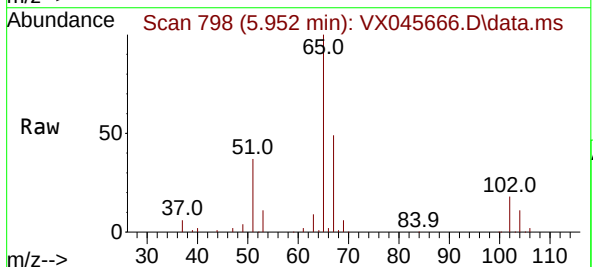
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

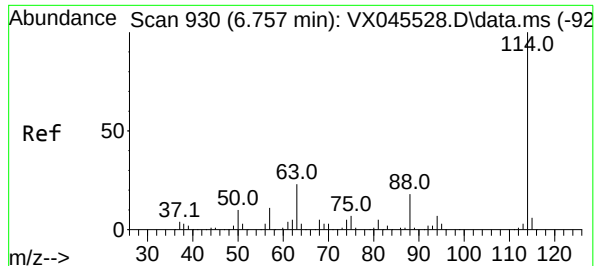
Tgt Ion:168 Resp: 69921
Ion Ratio Lower Upper
168 100
99 72.1 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.474 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045666.D
Acq: 09 Apr 2025 11:26

Tgt Ion: 65 Resp: 68376
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX045666.D

Acq: 09 Apr 2025 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBL01

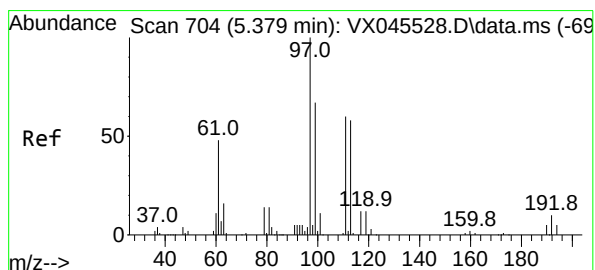
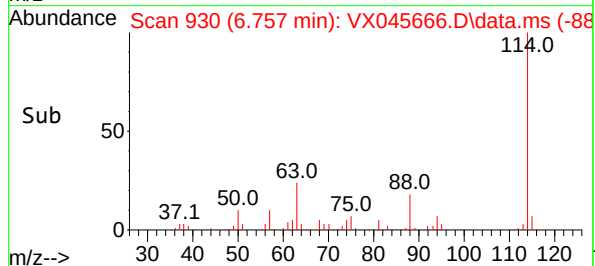
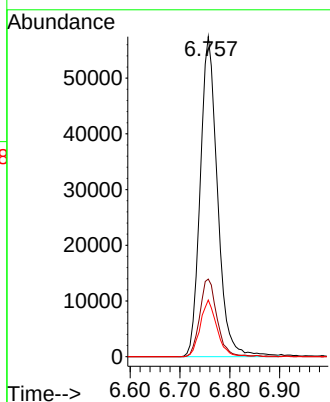
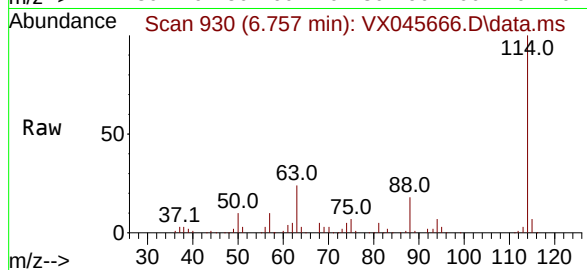
Tgt Ion:114 Resp: 138334

Ion Ratio Lower Upper

114 100

63 24.3 0.0 46.8

88 17.7 0.0 35.4



#35

Dibromofluoromethane

Concen: 51.343 ug/l

RT: 5.379 min Scan# 704

Delta R.T. -0.000 min

Lab File: VX045666.D

Acq: 09 Apr 2025 11:26

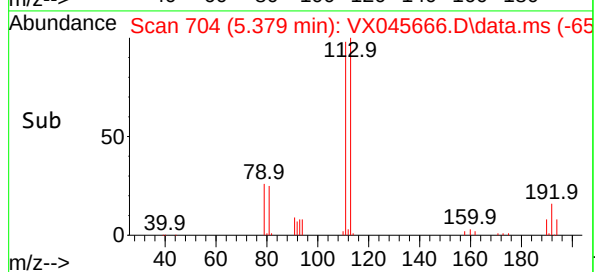
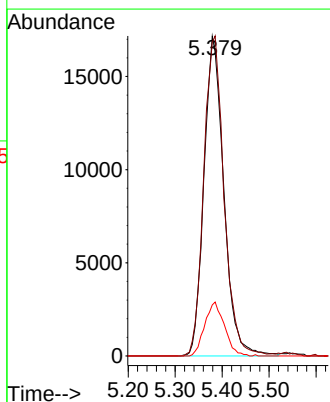
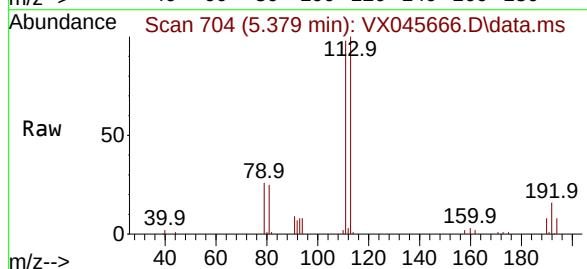
Tgt Ion:113 Resp: 50392

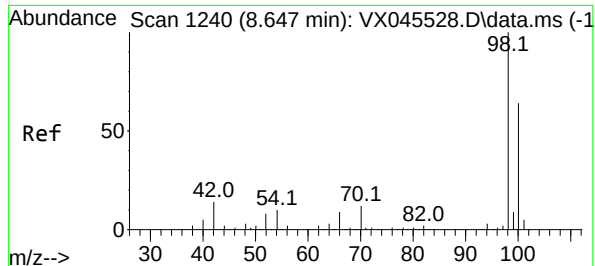
Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.6

192 16.7 13.8 20.6





#50

Toluene-d8

Concen: 50.459 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX045666.D

Acq: 09 Apr 2025 11:26

Instrument :

MSVOA_X

ClientSampleId :

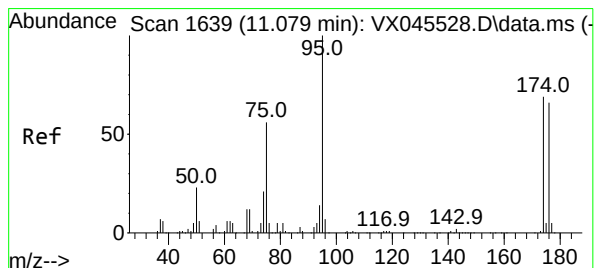
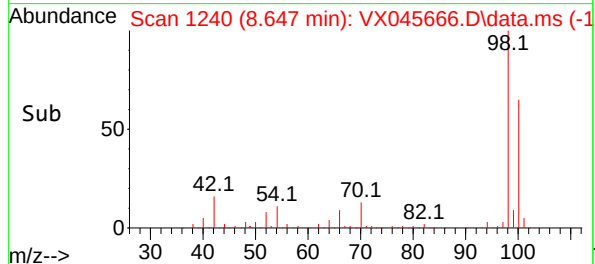
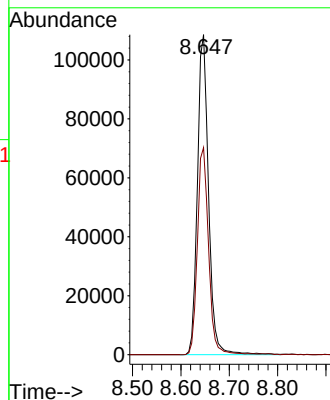
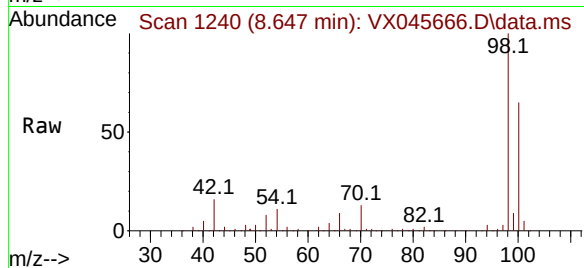
VX0409WBL01

Tgt Ion: 98 Resp: 172860

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 49.896 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX045666.D

Acq: 09 Apr 2025 11:26

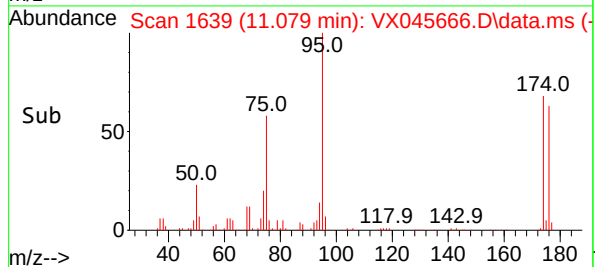
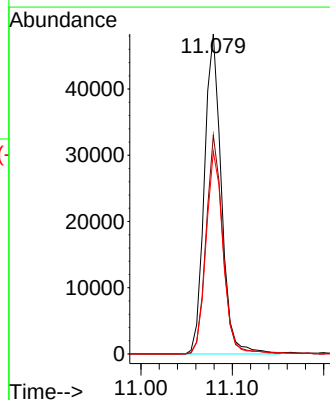
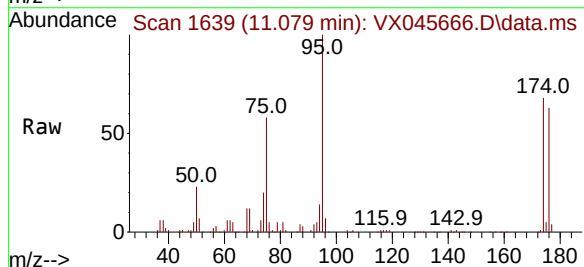
Tgt Ion: 95 Resp: 62262

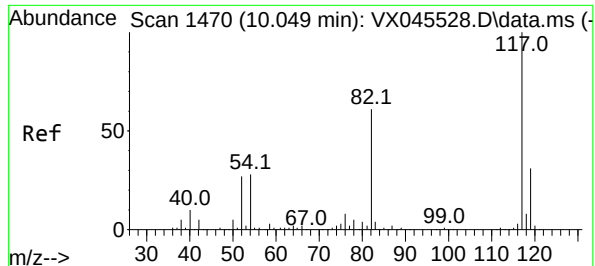
Ion Ratio Lower Upper

95 100

174 67.0 0.0 135.8

176 63.9 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: VX045666.D

Acq: 09 Apr 2025 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBL01

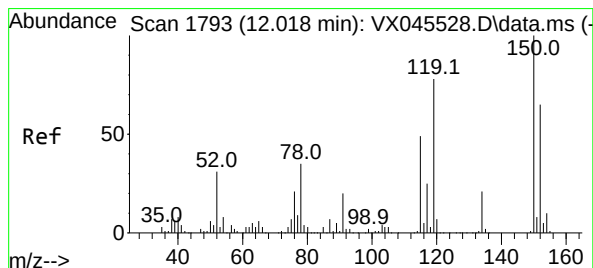
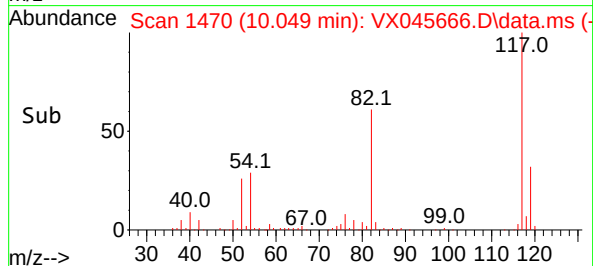
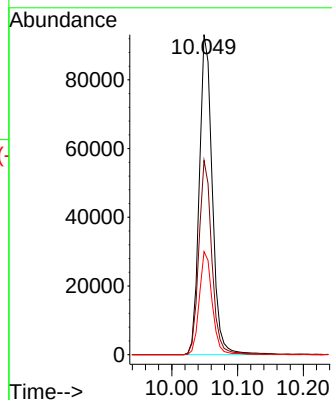
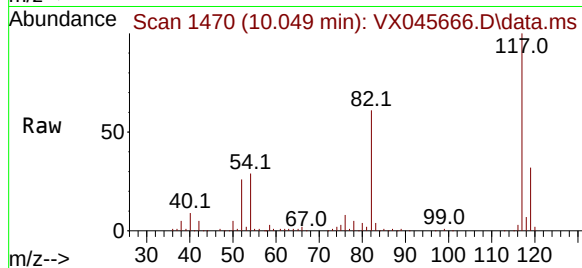
Tgt Ion:117 Resp: 127856

Ion Ratio Lower Upper

117 100

82 60.7 49.2 73.8

119 32.2 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX045666.D

Acq: 09 Apr 2025 11:26

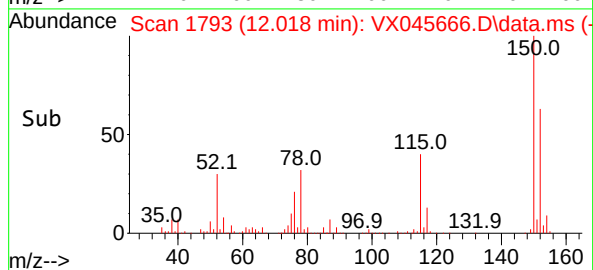
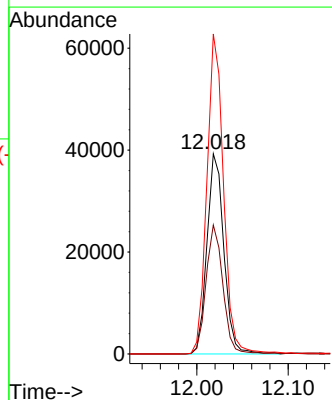
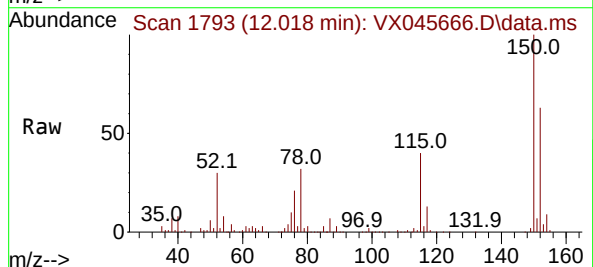
Tgt Ion:152 Resp: 50474

Ion Ratio Lower Upper

152 100

115 64.3 46.9 140.7

150 157.2 0.0 349.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045666.D
 Acq On : 09 Apr 2025 11:26
 Operator : JC/MD
 Sample : VX0409WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBL01

A
B
C
D
E
F
G
H
I
J

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\82X040225W.M

Title : SW846 8260

Signal : TIC: VX045666.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.581	71	81	88	rVB6	4675	13348	2.73%	0.527%
2	5.379	692	704	721	rBV	57236	171829	35.18%	6.778%
3	5.544	721	731	746	rVV	83572	233439	47.80%	9.209%
4	5.952	789	798	811	rBV	66955	182515	37.37%	7.200%
5	6.757	921	930	944	rBV	147466	353208	72.32%	13.933%
6	8.647	1233	1240	1257	rBV	305945	488412	100.00%	19.267%
7	10.049	1465	1470	1490	rBV	318239	434702	89.00%	17.148%
8	11.079	1634	1639	1655	rBV	240407	310727	63.62%	12.257%
9	12.018	1788	1793	1805	rBV	275717	346850	71.02%	13.682%

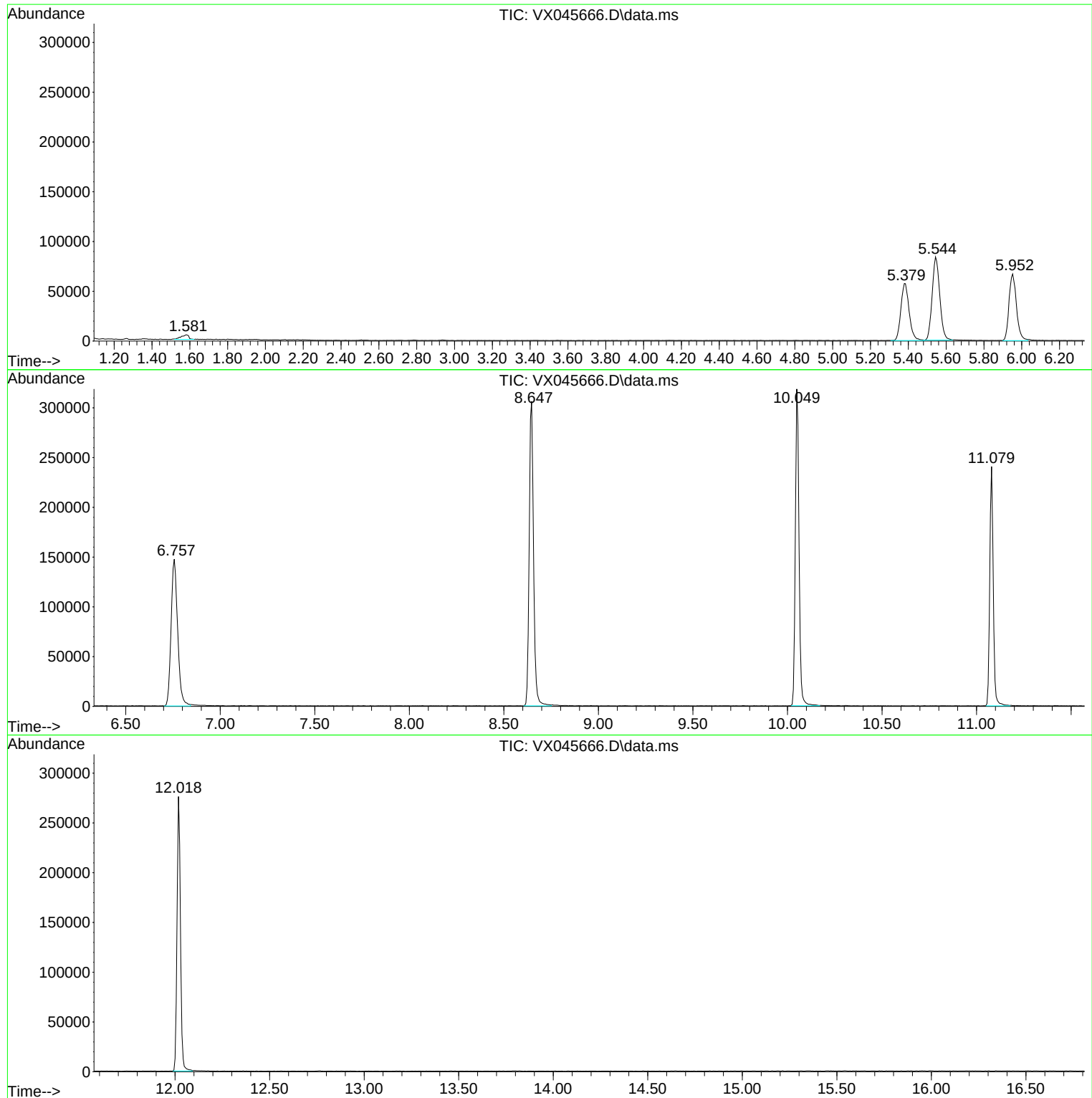
Sum of corrected areas: 2535030

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045666.D
Acq On : 09 Apr 2025 11:26
Operator : JC/MD
Sample : VX0409WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

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

A
B
C
D
E
F
G
H
I
J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

A
B
C
D
E
F
G
H
I
J

Quant Time: Apr 11 04:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	68793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	125713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66802	53.100	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.200%	
35) Dibromofluoromethane	5.379	113	49276	51.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.647	98	167969	50.519	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.040%	
62) 4-Bromofluorobenzene	11.079	95	64311	53.102	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.200%	

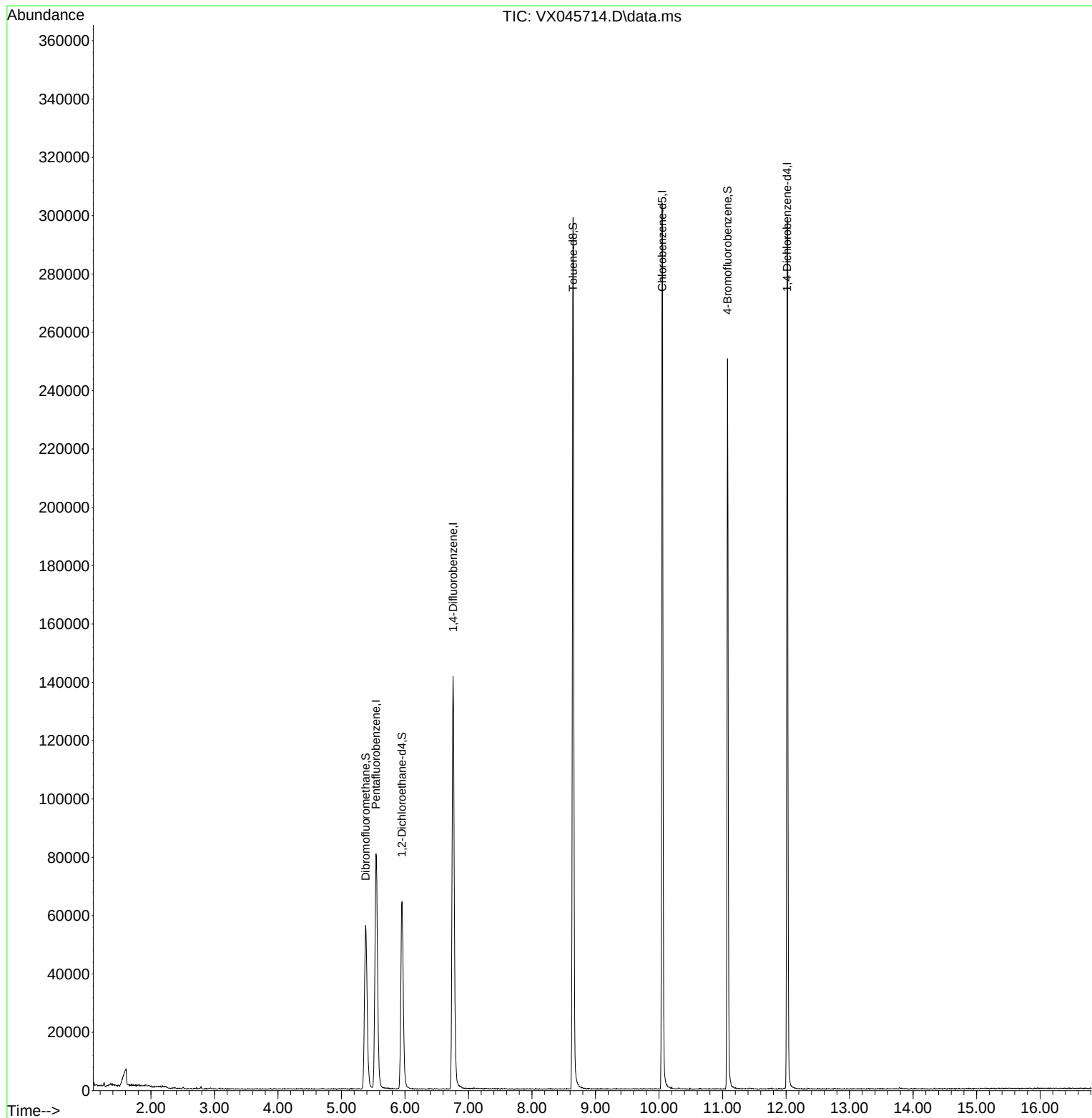
Target Compounds	Qvalue

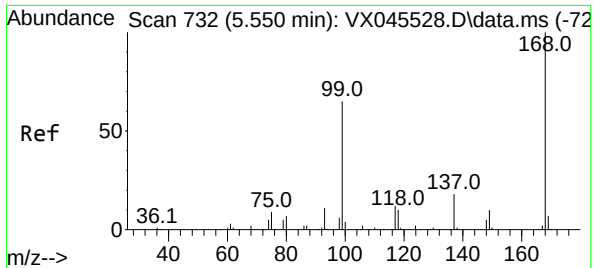
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Time: Apr 11 04:41:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

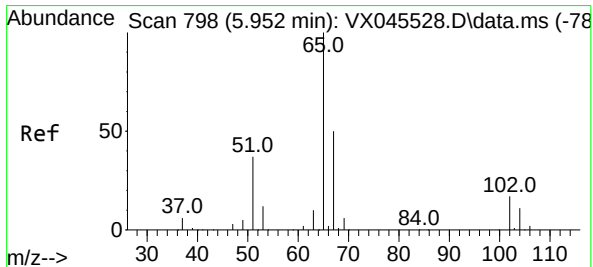
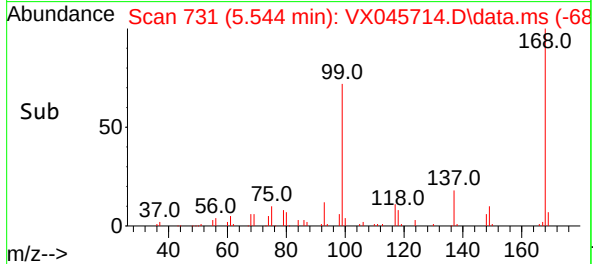
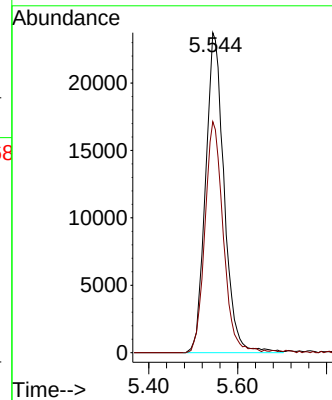
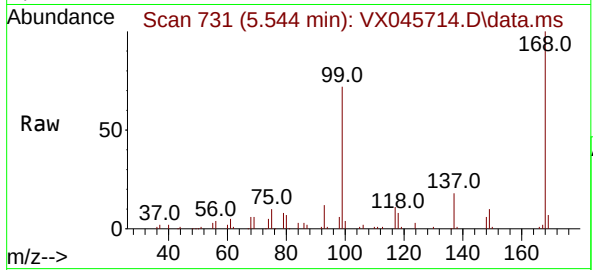




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

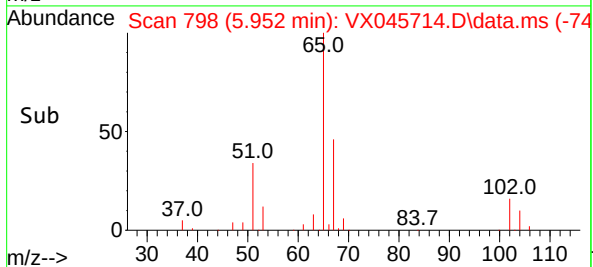
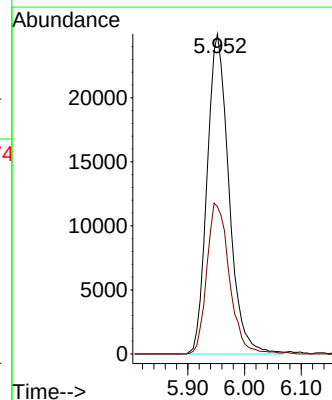
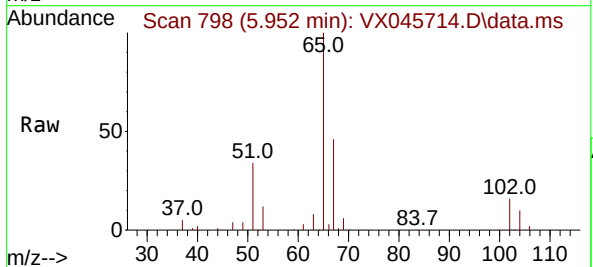
Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

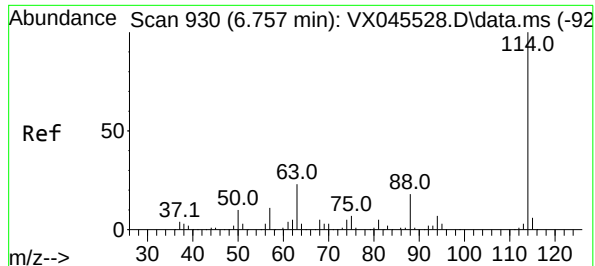
Tgt Ion:168 Resp: 68793
Ion Ratio Lower Upper
168 100
99 72.2 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 53.100 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045714.D
Acq: 11 Apr 2025 03:59

Tgt Ion: 65 Resp: 66802
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX045714.D

Acq: 11 Apr 2025 03:59

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBL02

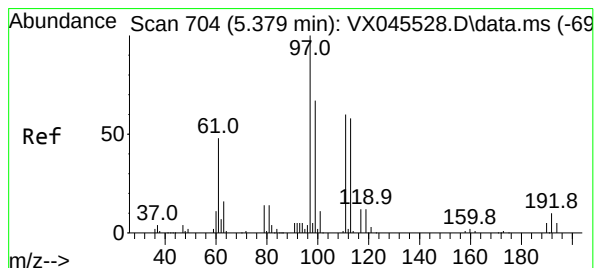
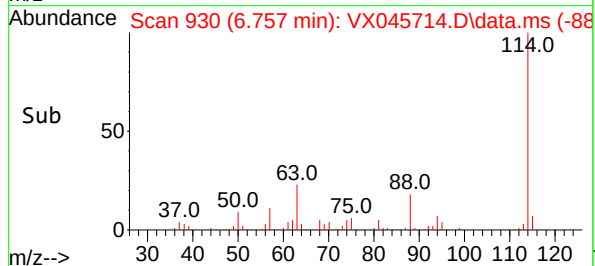
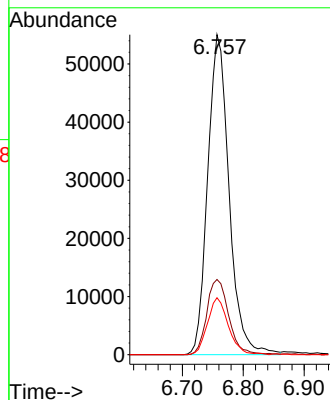
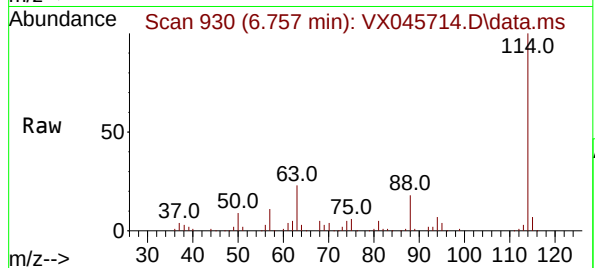
Tgt Ion:114 Resp: 134259

Ion Ratio Lower Upper

114 100

63 23.5 0.0 46.8

88 17.8 0.0 35.4



#35

Dibromofluoromethane

Concen: 51.730 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX045714.D

Acq: 11 Apr 2025 03:59

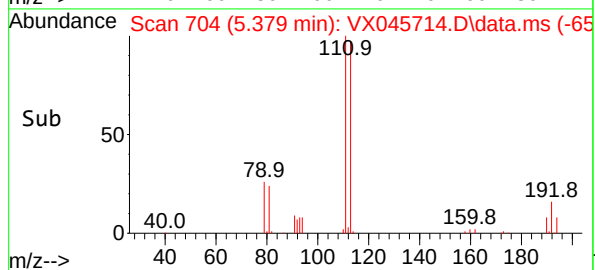
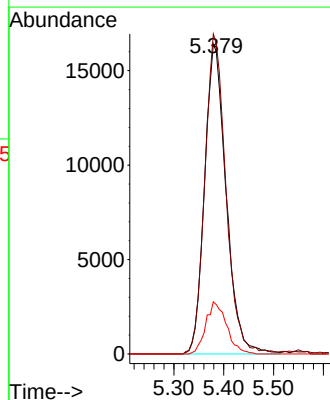
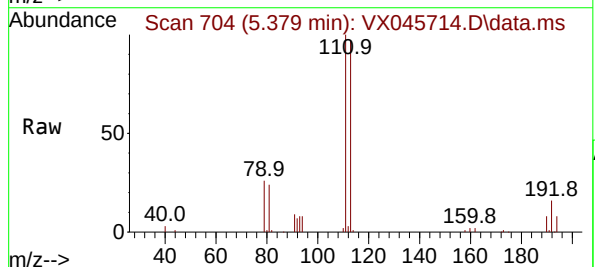
Tgt Ion:113 Resp: 49276

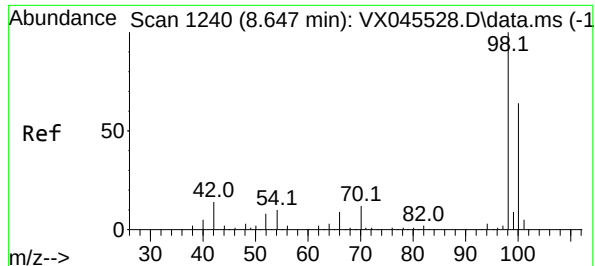
Ion Ratio Lower Upper

113 100

111 101.1 81.8 122.6

192 16.2 13.8 20.6





#50

Toluene-d8

Concen: 50.519 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045714.D

Acq: 11 Apr 2025 03:59

Instrument :

MSVOA_X

ClientSampleId :

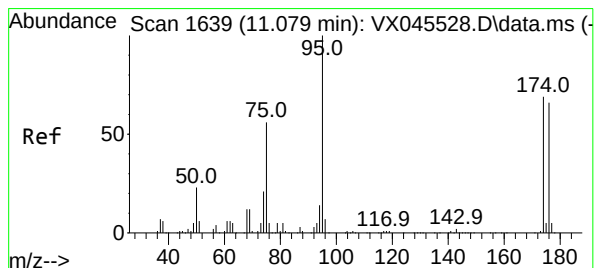
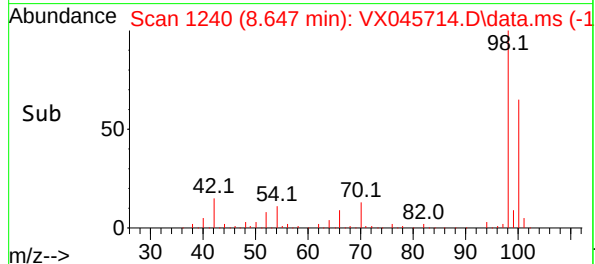
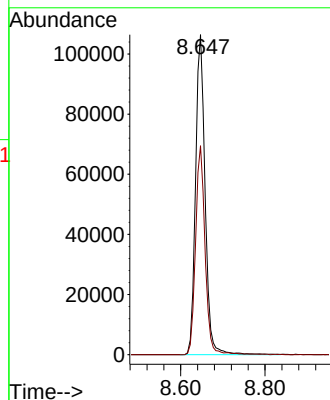
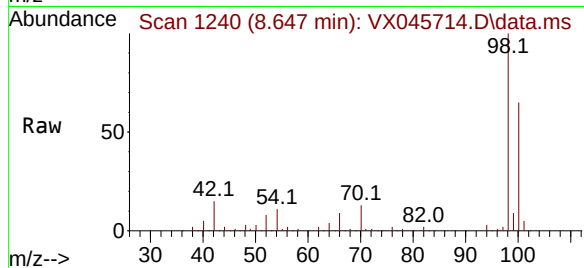
VX0410WBL02

Tgt Ion: 98 Resp: 167969

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 53.102 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX045714.D

Acq: 11 Apr 2025 03:59

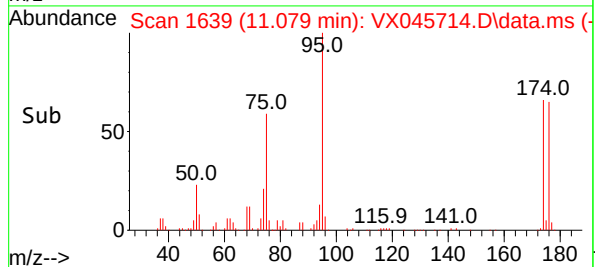
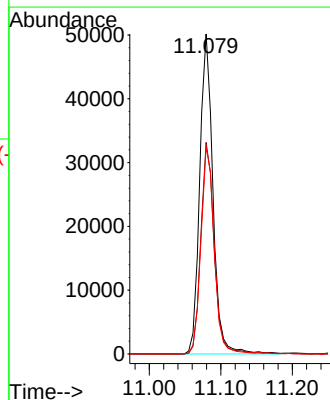
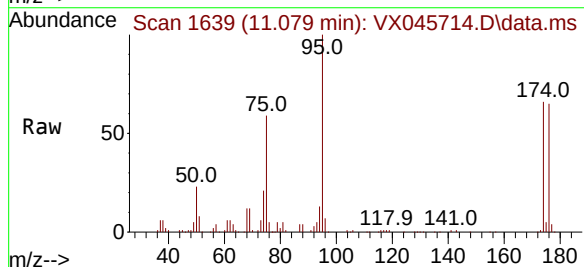
Tgt Ion: 95 Resp: 64311

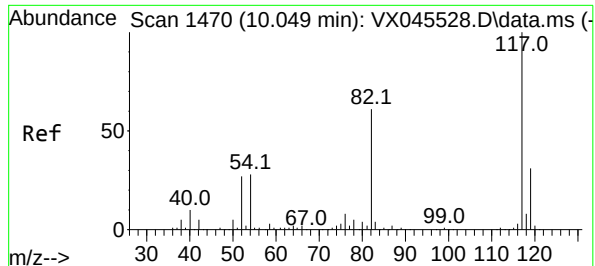
Ion Ratio Lower Upper

95 100

174 67.0 0.0 135.8

176 65.5 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: VX045714.D

Acq: 11 Apr 2025 03:59

Instrument :

MSVOA_X

ClientSampleId :

VX0410WBL02

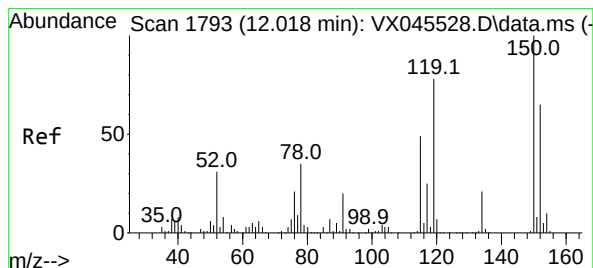
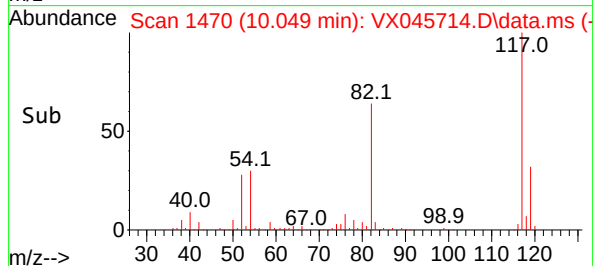
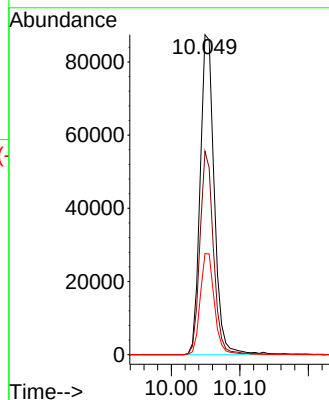
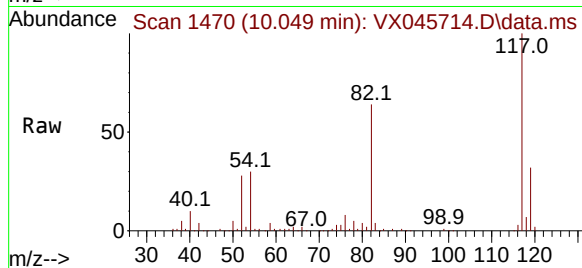
Tgt Ion:117 Resp: 125713

Ion Ratio Lower Upper

117 100

82 63.6 49.2 73.8

119 31.6 25.1 37.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX045714.D

Acq: 11 Apr 2025 03:59

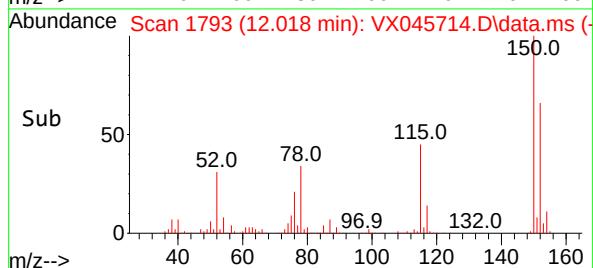
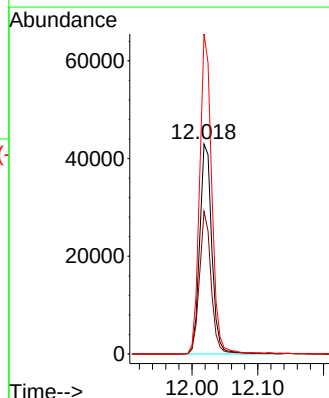
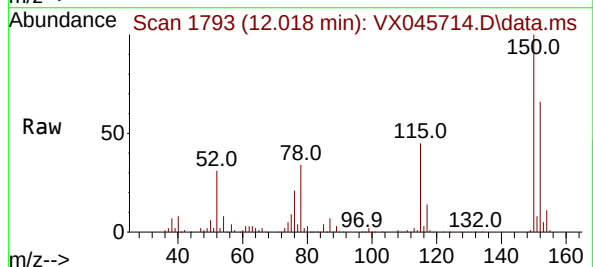
Tgt Ion:152 Resp: 55453

Ion Ratio Lower Upper

152 100

115 65.3 46.9 140.7

150 151.4 0.0 349.4



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

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\82X040225W.M

Title : SW846 8260

Signal : TIC: VX045714.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.611	69	86	89	rBV7	5782	21615	4.57%	0.855%
2	5.379	694	704	721	rBV	56144	167262	35.39%	6.619%
3	5.544	722	731	749	rVB3	80397	229680	48.60%	9.090%
4	5.952	789	798	820	rBV	64246	173844	36.79%	6.880%
5	6.757	921	930	945	rBV	141405	342136	72.40%	13.540%
6	8.647	1233	1240	1253	rBV	298773	472560	100.00%	18.702%
7	10.049	1465	1470	1481	rBV	303922	428592	90.70%	16.962%
8	11.079	1634	1639	1652	rBV	250440	319108	67.53%	12.629%
9	12.018	1788	1793	1803	rBV	297819	372045	78.73%	14.724%

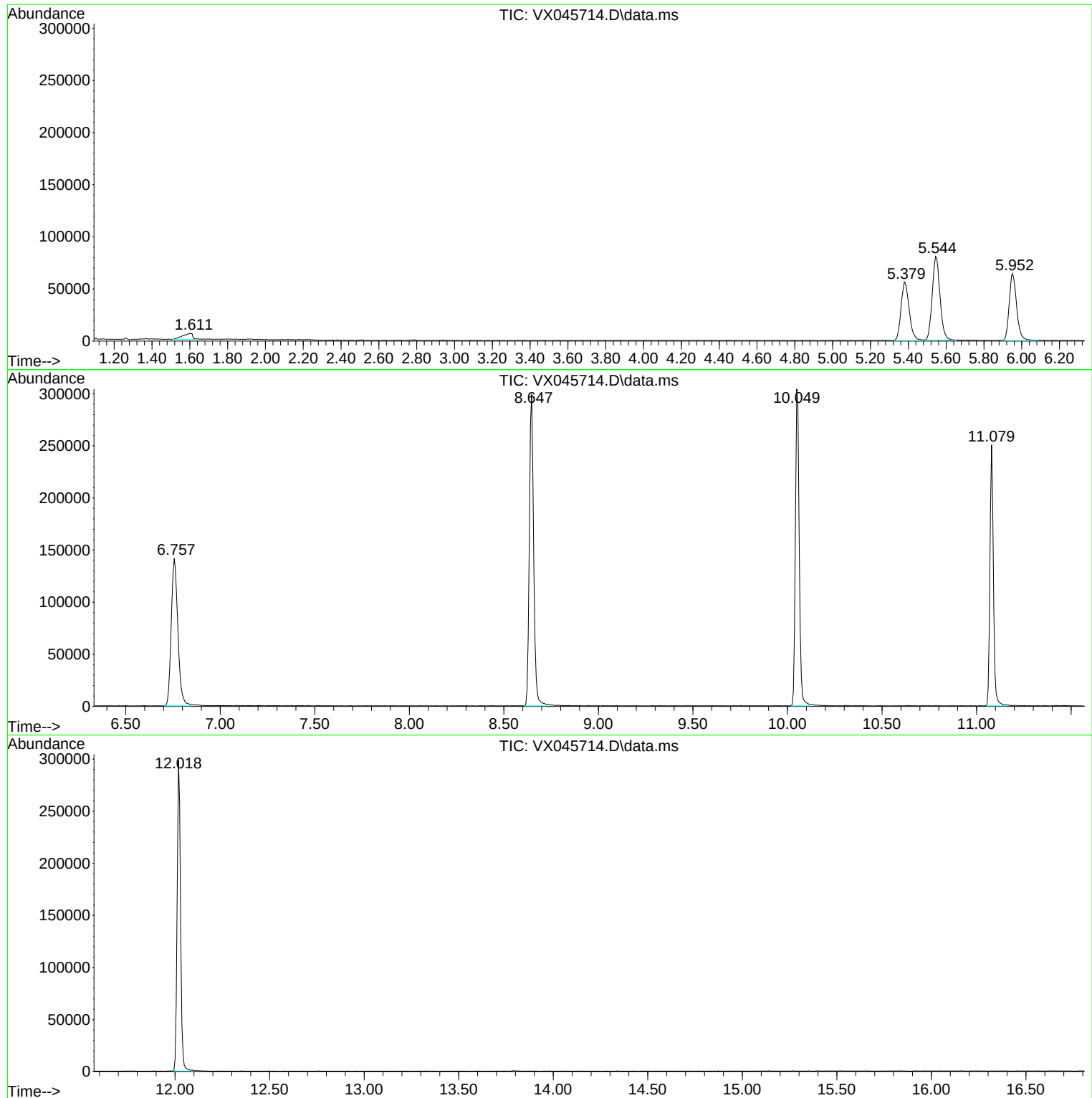
Sum of corrected areas: 2526842

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045714.D
Acq On : 11 Apr 2025 03:59
Operator : JC/MD
Sample : VX0410WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBL02

A

B

C

D

E

F

G

H

I

J

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045667.D
 Acq On : 09 Apr 2025 11:49
 Operator : JC/MD
 Sample : VX0409WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Manual Integrations APPROVED

Reviewed By : John Carlone 04/10/2025
 Supervised By : Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:33:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	94074	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	163361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	141398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92053	53.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.020%			
35) Dibromofluoromethane	5.379	113	63174	54.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.020%			
50) Toluene-d8	8.647	98	214655	53.060	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.120%			
62) 4-Bromofluorobenzene	11.079	95	77473	52.574	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28296	20.113	ug/l	99
3) Chloromethane	1.301	50	27094	18.746	ug/l	96
4) Vinyl Chloride	1.374	62	24425	18.466	ug/l	98
5) Bromomethane	1.593	94	11395	18.169	ug/l	98
6) Chloroethane	1.672	64	14346	20.443	ug/l	100
7) Trichlorofluoromethane	1.880	101	38861	19.702	ug/l	96
8) Diethyl Ether	2.130	74	12161	18.364	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.319	101	23620	20.436	ug/l	95
10) Methyl Iodide	2.447	142	26699	18.520	ug/l	98
11) Tert butyl alcohol	2.965	59	22380	96.798	ug/l	97
12) 1,1-Dichloroethene	2.313	96	20770	18.391	ug/l	96
13) Acrolein	2.233	56	25659	80.591	ug/l	99
14) Allyl chloride	2.660	41	41579	19.404	ug/l	98
15) Acrylonitrile	3.062	53	68147	93.374	ug/l	99
16) Acetone	2.380	43	65896	93.280	ug/l	95
17) Carbon Disulfide	2.508	76	46029	16.502	ug/l	99
18) Methyl Acetate	2.703	43	32926	20.244	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	76110	19.265	ug/l	100
20) Methylene Chloride	2.782	84	24229	18.320	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	21257	18.424	ug/l	97
22) Diisopropyl ether	3.757	45	79613	18.861	ug/l #	83
23) Vinyl Acetate	3.721	43	345218	94.659	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45684	19.137	ug/l	99
25) 2-Butanone	4.556	43	97809	94.586	ug/l	98
26) 2,2-Dichloropropane	4.471	77	32813	21.275	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	26125	18.585	ug/l	97
28) Bromochloromethane	4.891	49	22802	19.766	ug/l	99
29) Tetrahydrofuran	5.007	42	62847	93.742	ug/l	99
30) Chloroform	5.086	83	47524	19.348	ug/l	98
31) Cyclohexane	5.458	56	39121	18.537	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	39802	19.150	ug/l	99
36) 1,1-Dichloropropene	5.684	75	30850	19.713	ug/l	98
37) Ethyl Acetate	4.715	43	35720	18.112	ug/l	99
38) Carbon Tetrachloride	5.666	117	33982	20.092	ug/l	96
39) Methylcyclohexane	7.373	83	37396	19.494	ug/l	95
40) Benzene	6.031	78	92251	19.301	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045667.D
 Acq On : 09 Apr 2025 11:49
 Operator : JC/MD
 Sample : VX0409WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Quant Time: Apr 10 01:33:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 04/10/2025
 Supervised By :Mahesh Dadoda 04/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21224	20.397	ug/l	97
42) 1,2-Dichloroethane	6.086	62	40264	20.397	ug/l	99
43) Isopropyl Acetate	6.336	43	57645	19.285	ug/l	100
44) Trichloroethene	7.123	130	21805	19.194	ug/l	97
45) 1,2-Dichloropropane	7.428	63	23339	19.571	ug/l	100
46) Dibromomethane	7.580	93	17802	19.446	ug/l	98
47) Bromodichloromethane	7.818	83	35828	19.598	ug/l	98
48) Methyl methacrylate	7.690	41	30321	19.647	ug/l	99
49) 1,4-Dioxane	7.659	88	11977	428.937	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	200067	100.967	ug/l	99
52) Toluene	8.714	92	55913	19.333	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	30206	18.684	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	34931	20.333	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	22964	19.926	ug/l	96
56) Ethyl methacrylate	9.116	69	35297	19.790	ug/l	99
57) 1,3-Dichloropropane	9.305	76	39607	19.736	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	88591	98.189	ug/l	100
59) 2-Hexanone	9.427	43	148084	100.919	ug/l	99
60) Dibromochloromethane	9.519	129	24830	19.763	ug/l	98
61) 1,2-Dibromoethane	9.604	107	23143	19.837	ug/l	99
64) Tetrachloroethene	9.269	164	20900	20.935	ug/l	98
65) Chlorobenzene	10.073	112	61480	20.348	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20527	19.568	ug/l	99
67) Ethyl Benzene	10.189	91	108358	20.024	ug/l	98
68) m/p-Xylenes	10.299	106	79752	40.521	ug/l	99
69) o-Xylene	10.640	106	39137	20.186	ug/l	99
70) Styrene	10.653	104	64826	20.258	ug/l	98
71) Bromoform	10.799	173	15275	19.502	ug/l #	100
73) Isopropylbenzene	10.957	105	104506	20.330	ug/l	99
74) N-amyl acetate	10.842	43	49023	19.937	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	35954	19.910	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31590m	20.180	ug/l	
77) Bromobenzene	11.195	156	24141	20.325	ug/l	98
78) n-propylbenzene	11.299	91	120369	20.329	ug/l	100
79) 2-Chlorotoluene	11.360	91	74998	19.813	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	88053	20.715	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8674	18.806	ug/l	95
82) 4-Chlorotoluene	11.451	91	86832	20.575	ug/l	100
83) tert-Butylbenzene	11.713	119	84807	20.152	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86160	20.195	ug/l	99
85) sec-Butylbenzene	11.890	105	106901	20.682	ug/l	100
86) p-Isopropyltoluene	12.006	119	86083	20.201	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42896	19.841	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	43700	19.938	ug/l	97
89) n-Butylbenzene	12.329	91	74429	20.141	ug/l	99
90) Hexachloroethane	12.536	117	14599	19.934	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	44205	20.565	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7722	20.447	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	22901	19.140	ug/l	99
94) Hexachlorobutadiene	13.725	225	10679	20.712	ug/l	98
95) Naphthalene	13.774	128	87230	19.591	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	24734	19.742	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

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

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

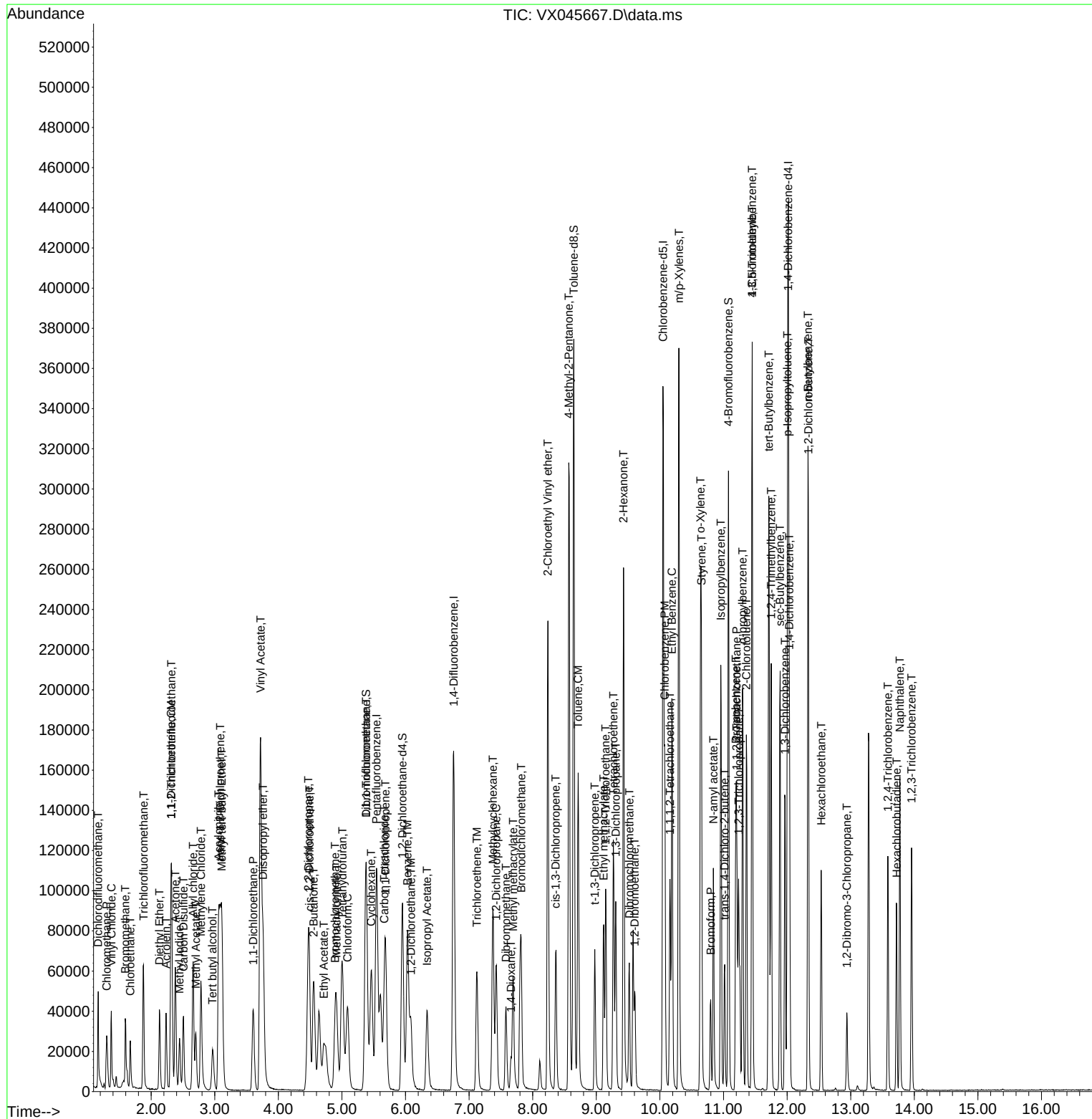
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045667.D
Acq On : 09 Apr 2025 11:49
Operator : JC/MD
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Quant Time: Apr 10 01:33:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/10/2025
Supervised By : Mahesh Dadoda 04/10/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045715.D
 Acq On : 11 Apr 2025 04:22
 Operator : JC/MD
 Sample : VX0410WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Manual Integrations APPROVED

Reviewed By : John Carlone 04/11/2025
 Supervised By : Mahesh Dadoda 04/11/2025

Quant Time: Apr 11 06:05:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	87130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156738	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64250	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	86692	54.408	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.820%	
35) Dibromofluoromethane	5.379	113	59553	53.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.100%	
50) Toluene-d8	8.647	98	204884	52.785	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.560%	
62) 4-Bromofluorobenzene	11.079	95	78207	55.315	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.640%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	26332	20.208	ug/l	98
3) Chloromethane	1.300	50	26935	20.121	ug/l	98
4) Vinyl Chloride	1.374	62	24489	19.990	ug/l	98
5) Bromomethane	1.593	94	11089	19.090	ug/l	99
6) Chloroethane	1.666	64	14355	22.086	ug/l	99
7) Trichlorofluoromethane	1.874	101	37926	20.761	ug/l	99
8) Diethyl Ether	2.130	74	12043	19.636	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	21200	19.804	ug/l	97
10) Methyl Iodide	2.441	142	24642	18.455	ug/l	96
11) Tert butyl alcohol	2.977	59	25091	117.172	ug/l	99
12) 1,1-Dichloroethene	2.312	96	21027	20.102	ug/l	98
13) Acrolein	2.233	56	27019	91.626	ug/l	97
14) Allyl chloride	2.660	41	39498	19.902	ug/l	98
15) Acrylonitrile	3.062	53	72459	107.195	ug/l	99
16) Acetone	2.386	43	71344	109.041	ug/l	97
17) Carbon Disulfide	2.501	76	42621	16.498	ug/l	99
18) Methyl Acetate	2.703	43	37630	24.980	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	78938	21.573	ug/l	96
20) Methylene Chloride	2.782	84	25103	20.494	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	21304	19.936	ug/l	98
22) Diisopropyl ether	3.763	45	82362	21.067	ug/l	97
23) Vinyl Acetate	3.721	43	347261	102.808	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45671	20.657	ug/l	99
25) 2-Butanone	4.562	43	105507	110.162	ug/l	100
26) 2,2-Dichloropropane	4.465	77	20380	14.267	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	26276	20.182	ug/l	98
28) Bromochloromethane	4.897	49	23282	21.791	ug/l	98
29) Tetrahydrofuran	5.001	42	65353	105.249	ug/l	99
30) Chloroform	5.086	83	48799	21.450	ug/l	96
31) Cyclohexane	5.464	56	37736	19.306	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	40466	21.021	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29813	19.855	ug/l	98
37) Ethyl Acetate	4.714	43	37776	19.964	ug/l	99
38) Carbon Tetrachloride	5.666	117	34266	21.116	ug/l	98
39) Methylcyclohexane	7.379	83	34192	18.577	ug/l	99
40) Benzene	6.031	78	92647	20.203	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
 Data File : VX045715.D
 Acq On : 11 Apr 2025 04:22
 Operator : JC/MD
 Sample : VX0410WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0410WBS02

Manual Integrations APPROVED

Reviewed By : John Carlone 04/11/2025
 Supervised By : Mahesh Dadoda 04/11/2025

Quant Time: Apr 11 06:05:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22495	22.532	ug/l	98
42) 1,2-Dichloroethane	6.080	62	41225	21.766	ug/l	99
43) Isopropyl Acetate	6.342	43	59508	20.750	ug/l	99
44) Trichloroethene	7.123	130	22488	20.632	ug/l	96
45) 1,2-Dichloropropane	7.427	63	23386	20.439	ug/l	93
46) Dibromomethane	7.580	93	18636	21.218	ug/l	98
47) Bromodichloromethane	7.818	83	36475	20.795	ug/l	96
48) Methyl methacrylate	7.690	41	32112	21.686	ug/l	99
49) 1,4-Dioxane	7.659	88	13511	504.321	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	212913	111.990	ug/l	99
52) Toluene	8.714	92	57054	20.561	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	28107	18.189	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	32277	19.582	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	24166	21.855	ug/l	97
56) Ethyl methacrylate	9.116	69	37519	21.925	ug/l	99
57) 1,3-Dichloropropane	9.305	76	40732	21.154	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	88422	102.142	ug/l	100
59) 2-Hexanone	9.427	43	158206	112.373	ug/l	98
60) Dibromochloromethane	9.518	129	25163	20.874	ug/l	96
61) 1,2-Dibromoethane	9.610	107	24024	21.463	ug/l	97
64) Tetrachloroethene	9.269	164	19733	20.006	ug/l	98
65) Chlorobenzene	10.079	112	61919	20.742	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	21126	20.384	ug/l	99
67) Ethyl Benzene	10.189	91	110080	20.589	ug/l	98
68) m/p-Xylenes	10.299	106	79502	40.883	ug/l	99
69) o-Xylene	10.640	106	39404	20.570	ug/l	97
70) Styrene	10.652	104	67354	21.303	ug/l	98
71) Bromoform	10.799	173	15391	19.889	ug/l #	96
73) Isopropylbenzene	10.957	105	105499	20.499	ug/l	98
74) N-amyl acetate	10.841	43	49938	20.285	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	37610	20.803	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31805m	20.294	ug/l	
77) Bromobenzene	11.195	156	24589	20.678	ug/l	99
78) n-propylbenzene	11.305	91	120341	20.301	ug/l	100
79) 2-Chlorotoluene	11.360	91	78497	20.713	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	89658	21.068	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	7260	15.722	ug/l	92
82) 4-Chlorotoluene	11.451	91	87302	20.662	ug/l	99
83) tert-Butylbenzene	11.713	119	87666	20.807	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	88899	20.813	ug/l	99
85) sec-Butylbenzene	11.890	105	108887	21.041	ug/l	98
86) p-Isopropyltoluene	12.006	119	88002	20.627	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44109	20.378	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	44484	20.272	ug/l	97
89) n-Butylbenzene	12.329	91	73331	19.821	ug/l	99
90) Hexachloroethane	12.536	117	14878	20.291	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	45188	20.998	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8519	22.531	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	23449	19.575	ug/l	99
94) Hexachlorobutadiene	13.725	225	10252	19.861	ug/l	99
95) Naphthalene	13.774	128	90519	20.306	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	25240	20.122	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041025\
Data File : VX045715.D
Acq On : 11 Apr 2025 04:22
Operator : JC/MD
Sample : VX0410WBS02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Apr 11 06:05:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025

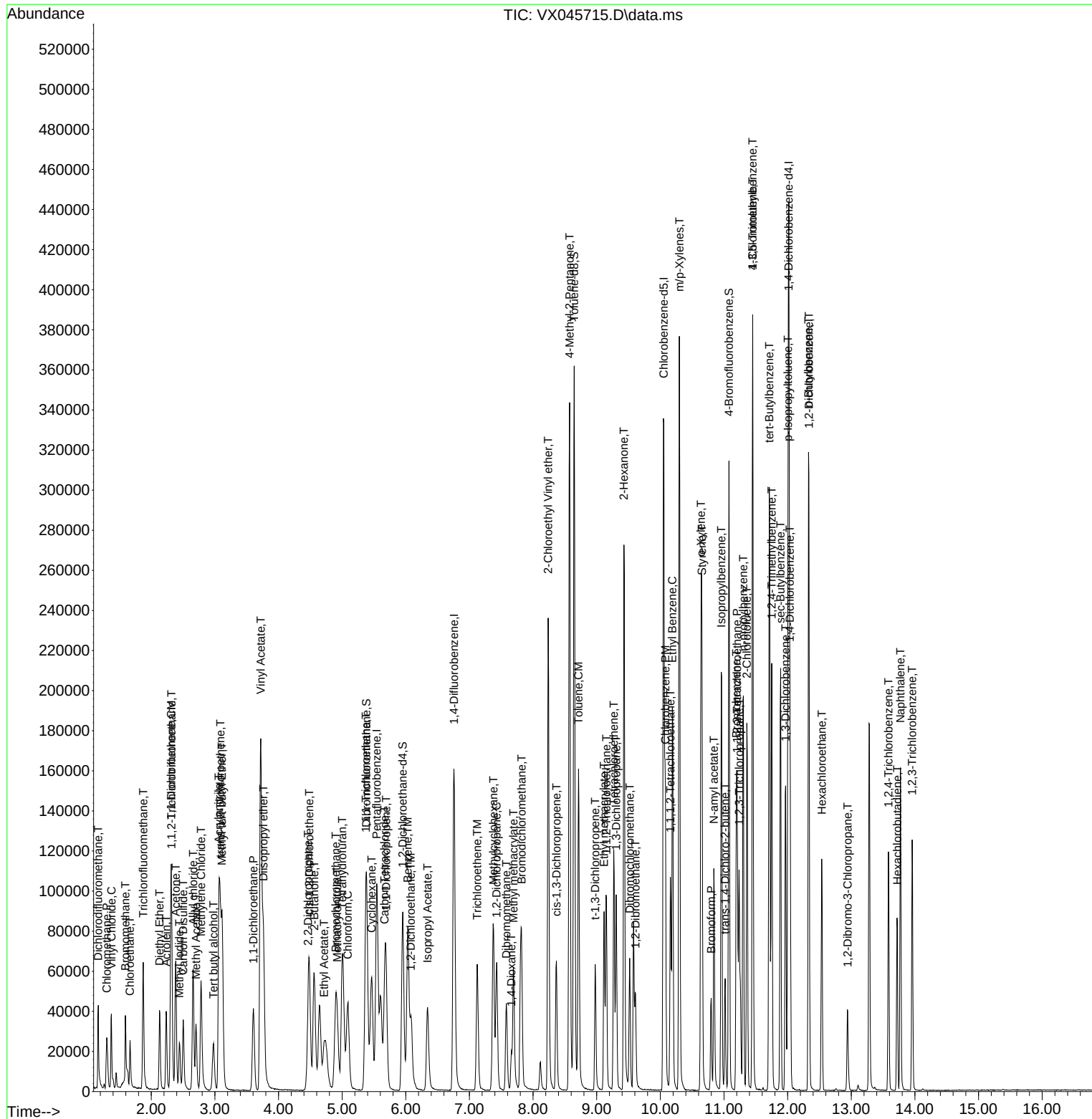
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

Instrument :
MSVOA_X
ClientSampleId :
VX0410WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 04/11/2025
Supervised By :Mahesh Dadoda 04/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045668.D
 Acq On : 09 Apr 2025 12:14
 Operator : JC/MD
 Sample : VX0409WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 04/10/2025
 Supervised By : Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:34:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	83922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147335	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83081	54.134	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.260%			
35) Dibromofluoromethane	5.379	113	56225	53.786	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	8.647	98	193619	53.066	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.140%			
62) 4-Bromofluorobenzene	11.079	95	72225	54.344	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	26359	21.002	ug/l	97
3) Chloromethane	1.301	50	24598	19.078	ug/l	96
4) Vinyl Chloride	1.374	62	22249	18.856	ug/l	98
5) Bromomethane	1.593	94	10738	19.193	ug/l	96
6) Chloroethane	1.672	64	13084	20.900	ug/l	96
7) Trichlorofluoromethane	1.874	101	37130	21.102	ug/l	98
8) Diethyl Ether	2.130	74	12288	20.801	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	22284	21.613	ug/l	98
10) Methyl Iodide	2.447	142	25440	19.781	ug/l	98
11) Tert butyl alcohol	2.971	59	21640	104.919	ug/l	97
12) 1,1-Dichloroethene	2.313	96	19384	19.240	ug/l	96
13) Acrolein	2.233	56	24667	86.848	ug/l	100
14) Allyl chloride	2.660	41	38545	20.164	ug/l	100
15) Acrylonitrile	3.062	53	66469	102.092	ug/l	98
16) Acetone	2.380	43	63148	100.204	ug/l	100
17) Carbon Disulfide	2.502	76	43259	17.385	ug/l	98
18) Methyl Acetate	2.703	43	32001	22.055	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	74214	21.058	ug/l	99
20) Methylene Chloride	2.782	84	23629	20.028	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	20510	19.927	ug/l	95
22) Diisopropyl ether	3.757	45	76032	20.192	ug/l #	84
23) Vinyl Acetate	3.715	43	337495	103.736	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42727	20.064	ug/l	98
25) 2-Butanone	4.556	43	93998	101.897	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31085	22.593	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24738	19.727	ug/l	97
28) Bromochloromethane	4.891	49	22944	22.295	ug/l	95
29) Tetrahydrofuran	5.001	42	60710	101.509	ug/l	99
30) Chloroform	5.086	83	45617	20.818	ug/l	95
31) Cyclohexane	5.464	56	36967	19.636	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	37694	20.330	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29168	20.666	ug/l	97
37) Ethyl Acetate	4.715	43	35265	19.826	ug/l	99
38) Carbon Tetrachloride	5.666	117	32304	21.177	ug/l	96
39) Methylcyclohexane	7.373	83	36184	20.914	ug/l	97
40) Benzene	6.031	78	88084	20.434	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
 Data File : VX045668.D
 Acq On : 09 Apr 2025 12:14
 Operator : JC/MD
 Sample : VX0409WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBSD01

Manual Integrations APPROVED

Reviewed By : John Carlone 04/10/2025
 Supervised By : Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:34:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19925	21.231	ug/l	98
42) 1,2-Dichloroethane	6.080	62	38327	21.527	ug/l	98
43) Isopropyl Acetate	6.336	43	56680	21.025	ug/l	99
44) Trichloroethene	7.117	130	20859	20.359	ug/l	98
45) 1,2-Dichloropropane	7.421	63	22357	20.787	ug/l	97
46) Dibromomethane	7.580	93	17307	20.962	ug/l	99
47) Bromodichloromethane	7.818	83	34699	21.045	ug/l	97
48) Methyl methacrylate	7.690	41	29460	21.165	ug/l	99
49) 1,4-Dioxane	7.659	88	12023	477.420	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	193392	108.215	ug/l	99
52) Toluene	8.714	92	53050	20.338	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	28240	19.284	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	33764	21.791	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	21842	21.014	ug/l	97
56) Ethyl methacrylate	9.116	69	34262	21.299	ug/l	99
57) 1,3-Dichloropropane	9.305	76	38282	21.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	86030	105.722	ug/l	99
59) 2-Hexanone	9.427	43	144024	108.828	ug/l	100
60) Dibromochloromethane	9.519	129	23898	21.090	ug/l	100
61) 1,2-Dibromoethane	9.604	107	22040	20.947	ug/l	100
64) Tetrachloroethene	9.269	164	20103	22.004	ug/l	98
65) Chlorobenzene	10.073	112	57784	20.898	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20170	21.011	ug/l	99
67) Ethyl Benzene	10.189	91	103577	20.915	ug/l	97
68) m/p-Xylenes	10.299	106	76264	42.342	ug/l	99
69) o-Xylene	10.640	106	36814	20.748	ug/l	97
70) Styrene	10.653	104	62023	21.179	ug/l	99
71) Bromoform	10.799	173	14473	20.192	ug/l #	96
73) Isopropylbenzene	10.957	105	100080	20.667	ug/l	100
74) N-amyl acetate	10.842	43	48343	20.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	34910	20.522	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30554m	20.719	ug/l	
77) Bromobenzene	11.195	156	22419	20.037	ug/l	99
78) n-propylbenzene	11.299	91	114673	20.559	ug/l	100
79) 2-Chlorotoluene	11.360	91	72313	20.279	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	84415	21.081	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8233	18.948	ug/l	91
82) 4-Chlorotoluene	11.451	91	81662	20.540	ug/l	99
83) tert-Butylbenzene	11.713	119	81324	20.513	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	84218	20.954	ug/l	98
85) sec-Butylbenzene	11.890	105	102552	21.061	ug/l	99
86) p-Isopropyltoluene	12.006	119	83431	20.783	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41742	20.495	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	41769	20.229	ug/l	97
89) n-Butylbenzene	12.329	91	72507	20.828	ug/l	99
90) Hexachloroethane	12.536	117	13954	20.226	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	42899	21.185	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7403	20.808	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	23347	20.713	ug/l	98
94) Hexachlorobutadiene	13.725	225	10328	21.264	ug/l	99
95) Naphthalene	13.774	128	85609	20.410	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	23965	20.305	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

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

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

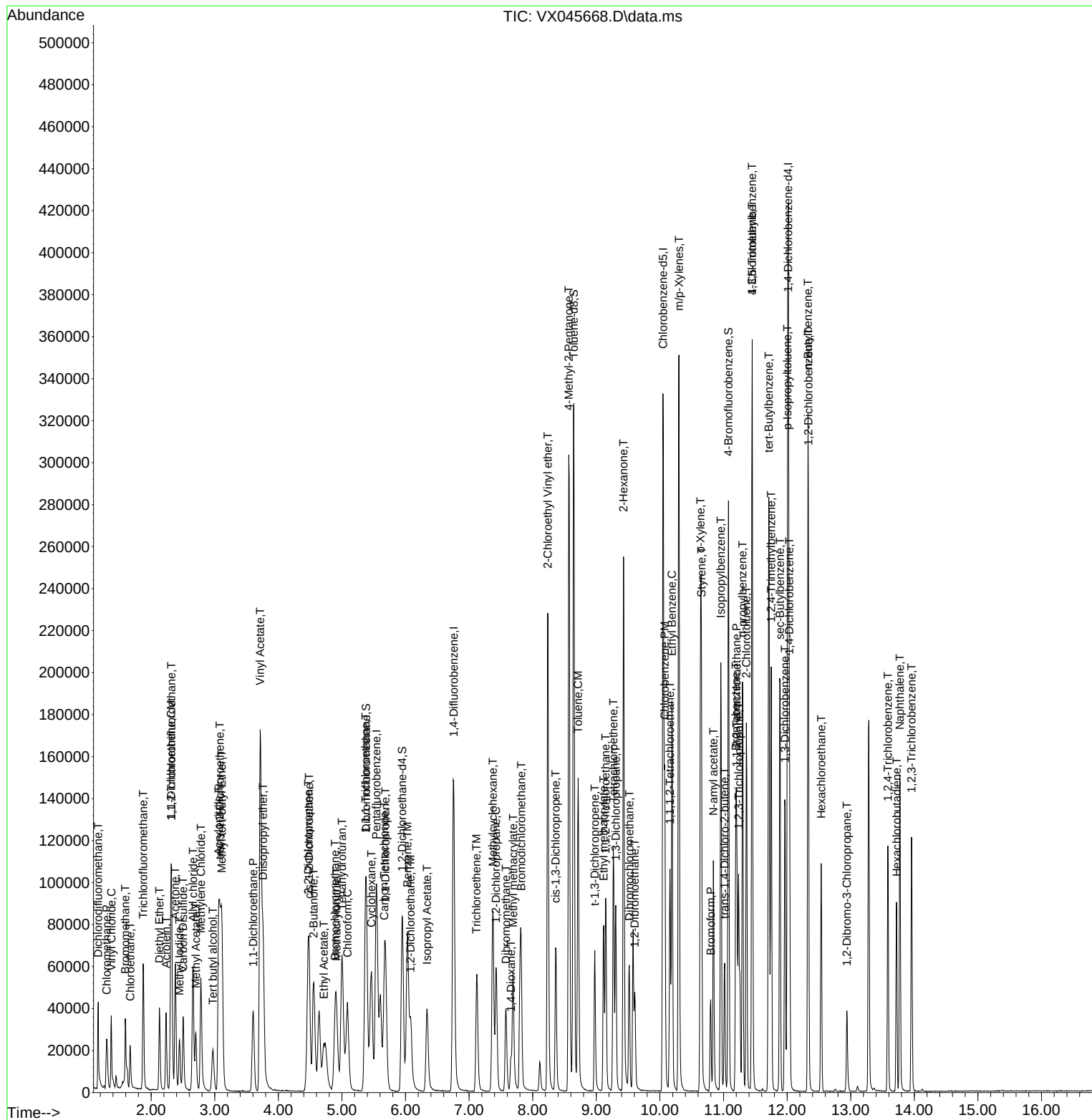
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040925\
Data File : VX045668.D
Acq On : 09 Apr 2025 12:14
Operator : JC/MD
Sample : VX0409WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBSD01

Manual Integrations

Reviewed By :John Carlone 04/10/2025
Supervised By :Mahesh Dadoda 04/10/2025

Quant Time: Apr 10 01:34:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 02 03:11:43 2025
Response via : Initial Calibration



Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x
-----------	----------	------------	---------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX045525.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dichlorobenzene	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	1,4-Dioxane	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Ethyl methacrylate	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC001	VX045525.D	Methacrylonitrile	Amit	4/2/2025 2:14:20 PM	MMDadoda	4/2/2025 2:16:05 PM	Peak Integrated by Software
VSTDICC005	VX045526.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:22 PM	MMDadoda	4/2/2025 2:16:07 PM	Peak Integrated by Software
VSTDICC020	VX045527.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:25 PM	MMDadoda	4/2/2025 2:16:09 PM	Peak Integrated by Software
VSTDICCC050	VX045528.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:26 PM	MMDadoda	4/2/2025 2:16:11 PM	Peak Integrated by Software
VSTDICC100	VX045529.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:28 PM	MMDadoda	4/2/2025 2:16:15 PM	Peak Integrated by Software
VSTDICC150	VX045530.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:30 PM	MMDadoda	4/2/2025 2:16:46 PM	Peak Integrated by Software
VSTDICV050	VX045532.D	1,2,3-Trichloropropane	Amit	4/2/2025 2:14:32 PM	MMDadoda	4/2/2025 2:17:50 PM	Peak Integrated by Software
VSTDCCC050	VX045534.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:10 AM	MMDadoda	4/3/2025 1:12:02 PM	Peak Integrated by Software
VSTDCCC050	VX045557.D	1,2,3-Trichloropropane	JOHN	4/3/2025 10:04:58 AM	MMDadoda	4/3/2025 1:12:08 PM	Peak Integrated by Software



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

Manual Integration Report

Sequence:	VX040225	Instrument	MSVOA_x
-----------	----------	------------	---------

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

Manual Integration Report

Sequence:

vx040925

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045664.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:23 AM	MMDadoda	4/10/2025 10:14:42 AM	Peak Integrated by Software
VX0409WBS01	VX045667.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:27 AM	MMDadoda	4/10/2025 10:14:37 AM	Peak Integrated by Software
VX0409WBSD01	VX045668.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:33 AM	MMDadoda	4/10/2025 10:14:34 AM	Peak Integrated by Software
VSTDCCC050	VX045684.D	1,2,3-Trichloropropane	JOHN	4/10/2025 9:50:38 AM	MMDadoda	4/10/2025 10:14:29 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

VX041025

Instrument

MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX045686.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:55:01 AM	MMDadoda	4/11/2025 1:59:27 PM	Peak Integrated by Software
VSTDCCC050	VX045710.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:58:10 AM	MMDadoda	4/11/2025 1:59:33 PM	Peak Integrated by Software
VSTDCCC050	VX045712.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:58:15 AM	MMDadoda	4/11/2025 1:59:35 PM	Peak Integrated by Software
VX0410WBS02	VX045715.D	1,2,3-Trichloropropane	JOHN	4/11/2025 10:58:19 AM	MMDadoda	4/11/2025 1:59:36 PM	Peak Integrated by Software
VSTDCCC050	VX045728.D	1,2,3-Trichloropropane	JOHN	4/11/2025 11:53:21 AM	MMDadoda	4/11/2025 1:59:43 PM	Peak Integrated by Software

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045524.D	01 Apr 2025 16:15	JC/MD	Ok
2	VSTDICCC001	VX045525.D	01 Apr 2025 17:06	JC/MD	Ok,M
3	VSTDICCC005	VX045526.D	01 Apr 2025 17:29	JC/MD	Ok,M
4	VSTDICCC020	VX045527.D	01 Apr 2025 17:52	JC/MD	Ok,M
5	VSTDICCC050	VX045528.D	01 Apr 2025 18:15	JC/MD	Ok,M
6	VSTDICCC100	VX045529.D	01 Apr 2025 18:38	JC/MD	Ok,M
7	VSTDICCC150	VX045530.D	01 Apr 2025 19:02	JC/MD	Ok,M
8	IBLK	VX045531.D	01 Apr 2025 19:25	JC/MD	Ok
9	VSTDICV050	VX045532.D	01 Apr 2025 19:48	JC/MD	Ok,M
10	BFB	VX045533.D	02 Apr 2025 09:30	JC/MD	Ok
11	VSTDICCC050	VX045534.D	02 Apr 2025 10:02	JC/MD	Ok,M
12	VX0402MBL01	VX045535.D	02 Apr 2025 10:30	JC/MD	Ok
13	VX0402WBL01	VX045536.D	02 Apr 2025 10:53	JC/MD	Ok
14	VX0402WBS01	VX045537.D	02 Apr 2025 11:16	JC/MD	Ok,M
15	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44	JC/MD	Ok,M
16	Q1697-01	VX045539.D	02 Apr 2025 12:07	JC/MD	Dilution
17	Q1697-02	VX045540.D	02 Apr 2025 12:30	JC/MD	Dilution
18	IBLK	VX045541.D	02 Apr 2025 12:54	JC/MD	Ok
19	Q1697-01DL	VX045542.D	02 Apr 2025 13:21	JC/MD	Ok
20	Q1697-02DL	VX045543.D	02 Apr 2025 13:44	JC/MD	Ok
21	Q1697-03	VX045544.D	02 Apr 2025 14:07	JC/MD	Not Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QCBatch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q1697-04	VX045545.D	02 Apr 2025 14:31	JC/MD	Not Ok
23	Q1697-05	VX045546.D	02 Apr 2025 14:54	JC/MD	Not Ok
24	Q1697-07	VX045547.D	02 Apr 2025 15:18	JC/MD	Not Ok
25	IBLK	VX045548.D	02 Apr 2025 15:41	JC/MD	Ok
26	Q1697-03	VX045549.D	02 Apr 2025 16:04	JC/MD	Ok
27	Q1697-04	VX045550.D	02 Apr 2025 16:27	JC/MD	Ok
28	Q1697-05	VX045551.D	02 Apr 2025 16:51	JC/MD	Ok
29	Q1697-06	VX045552.D	02 Apr 2025 17:14	JC/MD	ReRun
30	Q1623-01	VX045553.D	02 Apr 2025 17:37	JC/MD	Ok
31	Q1623-02	VX045554.D	02 Apr 2025 18:01	JC/MD	Ok
32	Q1623-03	VX045555.D	02 Apr 2025 18:24	JC/MD	Ok
33	Q1623-04	VX045556.D	02 Apr 2025 18:47	JC/MD	Ok
34	VSTDCCC050	VX045557.D	02 Apr 2025 19:10	JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM
Supervise By	Maresh Dadoda	Supervise On	4/10/2025 10:14:57 AM
SubDirectory	VX040925	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133622		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133623,VP133624		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045663.D	09 Apr 2025 09:38	JC/MD	Ok
2	VSTDCCC050	VX045664.D	09 Apr 2025 10:35	JC/MD	Ok,M
3	VX0409MBL01	VX045665.D	09 Apr 2025 11:03	JC/MD	Ok
4	VX0409WBL01	VX045666.D	09 Apr 2025 11:26	JC/MD	Ok
5	VX0409WBS01	VX045667.D	09 Apr 2025 11:49	JC/MD	Ok,M
6	VX0409WBSD01	VX045668.D	09 Apr 2025 12:14	JC/MD	Ok,M
7	Q1739-01	VX045669.D	09 Apr 2025 12:38	JC/MD	Ok
8	Q1739-02	VX045670.D	09 Apr 2025 13:01	JC/MD	Ok
9	PB167487TB	VX045671.D	09 Apr 2025 13:24	JC/MD	Ok
10	IBLK	VX045672.D	09 Apr 2025 13:47	JC/MD	Ok
11	Q1729-01	VX045673.D	09 Apr 2025 14:10	JC/MD	Ok
12	Q1729-02	VX045674.D	09 Apr 2025 14:33	JC/MD	Ok
13	Q1729-03	VX045675.D	09 Apr 2025 14:57	JC/MD	Ok
14	Q1729-04	VX045676.D	09 Apr 2025 15:20	JC/MD	Ok
15	PB167492TB	VX045677.D	09 Apr 2025 15:43	JC/MD	Ok
16	Q1746-02	VX045678.D	09 Apr 2025 16:06	JC/MD	Ok
17	Q1746-04	VX045679.D	09 Apr 2025 16:29	JC/MD	Ok
18	IBLK	VX045680.D	09 Apr 2025 16:52	JC/MD	Ok
19	Q1762-01	VX045681.D	09 Apr 2025 17:16	JC/MD	Dilution
20	Q1762-02	VX045682.D	09 Apr 2025 17:39	JC/MD	Ok
21	IBLK	VX045683.D	09 Apr 2025 18:02	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM
Supervise By	Mahesh Dadoda	Supervise On	4/10/2025 10:14:57 AM
SubDirectory	VX040925	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133622		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133623,VP133624		

22	VSTDCCC050	VX045684.D	09 Apr 2025 18:25	JC/MD	Ok,M
----	------------	------------	-------------------	-------	------

M : Manual Integration

A
B
C
D
E
F
G
H
I
J

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM
Supervise By	Maresh Dadoda	Supervise On	4/11/2025 2:00:06 PM
SubDirectory	VX041025	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133631,VP133634		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133632,VP133633,VP133635,VP133636		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX045685.D	10 Apr 2025 08:10	JC/MD	Ok
2	VSTDCCC050	VX045686.D	10 Apr 2025 08:44	JC/MD	Ok,M
3	VX0410MBL01	VX045687.D	10 Apr 2025 09:19	JC/MD	Ok
4	VX0410WBL01	VX045688.D	10 Apr 2025 09:42	JC/MD	Ok
5	VX0410WBS01	VX045689.D	10 Apr 2025 11:31	JC/MD	Ok,M
6	VX0410WBSD01	VX045690.D	10 Apr 2025 11:54	JC/MD	Ok,M
7	Q1748-04	VX045691.D	10 Apr 2025 12:17	JC/MD	Ok
8	Q1748-08	VX045692.D	10 Apr 2025 12:40	JC/MD	Ok
9	Q1754-02	VX045693.D	10 Apr 2025 13:03	JC/MD	Ok
10	Q1754-04	VX045694.D	10 Apr 2025 13:27	JC/MD	Ok
11	PB167534ZHE#01	VX045695.D	10 Apr 2025 13:50	JC/MD	Ok
12	PB167534ZHE#02	VX045696.D	10 Apr 2025 14:13	JC/MD	Ok
13	PB167534ZHE#03	VX045697.D	10 Apr 2025 14:36	JC/MD	Ok
14	PB167534ZHE#04	VX045698.D	10 Apr 2025 15:00	JC/MD	Ok
15	PB167534ZHE#05	VX045699.D	10 Apr 2025 15:23	JC/MD	Ok
16	PB167534ZHE#06	VX045700.D	10 Apr 2025 15:46	JC/MD	Ok
17	PB167534ZHE#07	VX045701.D	10 Apr 2025 16:09	JC/MD	Ok
18	PB167534ZHE#08	VX045702.D	10 Apr 2025 16:32	JC/MD	Ok
19	PB167534ZHE#09	VX045703.D	10 Apr 2025 16:56	JC/MD	Ok
20	PB167534ZHE#10	VX045704.D	10 Apr 2025 17:19	JC/MD	Ok
21	PB167534ZHE#11	VX045705.D	10 Apr 2025 17:42	JC/MD	Ok

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM
Supervise By	Maresh Dadoda	Supervise On	4/11/2025 2:00:06 PM
SubDirectory	VX041025	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133631,VP133634		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133632,VP133633,VP133635,VP133636		

22	PB167534ZHE#12	VX045706.D	10 Apr 2025 18:05	JC/MD	Ok
23	PB167534ZHE#13	VX045707.D	10 Apr 2025 18:28	JC/MD	Ok
24	PB167534ZHE#14	VX045708.D	10 Apr 2025 18:51	JC/MD	Ok
25	Q1749-04	VX045709.D	10 Apr 2025 19:15	JC/MD	Ok
26	VSTDCCC050	VX045710.D	10 Apr 2025 19:38	JC/MD	Ok,M
27	BFB	VX045711.D	11 Apr 2025 02:10	JC/MD	Ok
28	VSTDCCC050	VX045712.D	11 Apr 2025 02:49	JC/MD	Ok,M
29	VX0410MBL02	VX045713.D	11 Apr 2025 03:36	JC/MD	Ok
30	VX0410WBL02	VX045714.D	11 Apr 2025 03:59	JC/MD	Ok
31	VX0410WBS02	VX045715.D	11 Apr 2025 04:22	JC/MD	Ok,M
32	VX0410WBSD02	VX045716.D	11 Apr 2025 05:09	JC/MD	Ok,M
33	Q1762-01DL	VX045717.D	11 Apr 2025 05:32	JC/MD	Ok
34	PB167534TB	VX045718.D	11 Apr 2025 05:55	JC/MD	Ok
35	Q1753-04	VX045719.D	11 Apr 2025 06:19	JC/MD	Ok
36	Q1753-08	VX045720.D	11 Apr 2025 06:42	JC/MD	Ok
37	Q1752-06	VX045721.D	11 Apr 2025 07:05	JC/MD	Ok
38	Q1752-08	VX045722.D	11 Apr 2025 07:28	JC/MD	Ok
39	Q1752-02	VX045723.D	11 Apr 2025 07:51	JC/MD	Ok
40	Q1752-04	VX045724.D	11 Apr 2025 08:15	JC/MD	Ok
41	Q1756-04	VX045725.D	11 Apr 2025 08:37	JC/MD	Ok
42	Q1760-04	VX045726.D	11 Apr 2025 09:00	JC/MD	Ok
43	Q1760-08	VX045727.D	11 Apr 2025 09:22	JC/MD	Ok,M
44	VSTDCCC050	VX045728.D	11 Apr 2025 09:45	JC/MD	Ok,M

Instrument ID: **MSVOA_X**

Daily Analysis Runlog For Sequence/QC Batch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM
SubDirectory	VX041025	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133631,VP133634		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133632,VP133633,VP133635,VP133636		

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP133559,VP133563
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574
CCC	VP133564,VP133565
Internal Standard/PEM	
ICV/I.BLK	VP133575
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045524.D	01 Apr 2025 16:15		JC/MD	Ok
2	VSTDIC001	VSTDIC001	VX045525.D	01 Apr 2025 17:06	%D failed for Comp. #53 in 01PPB	JC/MD	Ok,M
3	VSTDIC005	VSTDIC005	VX045526.D	01 Apr 2025 17:29		JC/MD	Ok,M
4	VSTDIC020	VSTDIC020	VX045527.D	01 Apr 2025 17:52		JC/MD	Ok,M
5	VSTDIC050	VSTDIC050	VX045528.D	01 Apr 2025 18:15		JC/MD	Ok,M
6	VSTDIC100	VSTDIC100	VX045529.D	01 Apr 2025 18:38		JC/MD	Ok,M
7	VSTDIC150	VSTDIC150	VX045530.D	01 Apr 2025 19:02		JC/MD	Ok,M
8	IBLK	IBLK	VX045531.D	01 Apr 2025 19:25		JC/MD	Ok
9	VSTDICV050	ICVVX040225	VX045532.D	01 Apr 2025 19:48		JC/MD	Ok,M
10	BFB	BFB	VX045533.D	02 Apr 2025 09:30		JC/MD	Ok
11	VSTDIC050	VSTDIC050	VX045534.D	02 Apr 2025 10:02	pH#Lot#V12668	JC/MD	Ok,M
12	VX0402MBL01	VX0402MBL01	VX045535.D	02 Apr 2025 10:30		JC/MD	Ok
13	VX0402WBL01	VX0402WBL01	VX045536.D	02 Apr 2025 10:53		JC/MD	Ok
14	VX0402WBS01	VX0402WBS01	VX045537.D	02 Apr 2025 11:16		JC/MD	Ok,M
15	VX0402WBSD01	VX0402WBSD01	VX045538.D	02 Apr 2025 11:44		JC/MD	Ok,M
16	Q1697-01	MW-19B-72-040125	VX045539.D	02 Apr 2025 12:07	vial A pH<2 Need 200X	JC/MD	Dilution
17	Q1697-02	IW-01-55-040125	VX045540.D	02 Apr 2025 12:30	vial A pH<2 Need 10X	JC/MD	Dilution

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040225

Review By	John Carlone	Review On	4/2/2025 9:42:46 AM
Supervise By	Amit Patel	Supervise On	4/2/2025 2:14:39 PM
SubDirectory	VX040225	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk	VP133559,VP133563		
Initial Calibration Stds	VP133569,VP133570,VP133571,VP133572,VP133573,VP133574		
CCC	VP133564,VP133565		
Internal Standard/PEM			
ICV/I.BLK	VP133575		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

18	IBLK	IBLK	VX045541.D	02 Apr 2025 12:54		JC/MD	Ok
19	Q1697-01DL	MW-19B-72-040125DL	VX045542.D	02 Apr 2025 13:21	vial B pH<2	JC/MD	Ok
20	Q1697-02DL	IW-01-55-040125DL	VX045543.D	02 Apr 2025 13:44	vial B pH<2	JC/MD	Ok
21	Q1697-03	IW-02-55-040125	VX045544.D	02 Apr 2025 14:07	Need lower dilution	JC/MD	Not Ok
22	Q1697-04	IW-02-55-040125-FD	VX045545.D	02 Apr 2025 14:31	Need lower dilution	JC/MD	Not Ok
23	Q1697-05	IW-03-55-040125	VX045546.D	02 Apr 2025 14:54	Need lower dilution	JC/MD	Not Ok
24	Q1697-07	MW-19B-72-040125	VX045547.D	02 Apr 2025 15:18	Not On Login	JC/MD	Not Ok
25	IBLK	IBLK	VX045548.D	02 Apr 2025 15:41		JC/MD	Ok
26	Q1697-03	IW-02-55-040125	VX045549.D	02 Apr 2025 16:04	vial A pH<2	JC/MD	Ok
27	Q1697-04	IW-02-55-040125-FD	VX045550.D	02 Apr 2025 16:27	vial A pH<2	JC/MD	Ok
28	Q1697-05	IW-03-55-040125	VX045551.D	02 Apr 2025 16:51	vial A pH<2	JC/MD	Ok
29	Q1697-06	TB-01-040125	VX045552.D	02 Apr 2025 17:14	vial A pH<2 TB;Hit of comp.#44	JC/MD	ReRun
30	Q1623-01	Storage-Blank-SOIL-RE	VX045553.D	02 Apr 2025 17:37	vial A pH<2	JC/MD	Ok
31	Q1623-02	Storage-Blank-WATER	VX045554.D	02 Apr 2025 18:01	vial A pH<2	JC/MD	Ok
32	Q1623-03	Storage-Blank-WATER	VX045555.D	02 Apr 2025 18:24	vial A pH<2	JC/MD	Ok
33	Q1623-04	Storage-Blank-SAMPLE	VX045556.D	02 Apr 2025 18:47	vial A pH<2	JC/MD	Ok
34	VSTDCCC050	VSTDCCC050EC	VX045557.D	02 Apr 2025 19:10		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM
Supervise By	Maresh Dadoda	Supervise On	4/10/2025 10:14:57 AM
SubDirectory	VX040925	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133622		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133623,VP133624		

Sr#	Sampleld	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045663.D	09 Apr 2025 09:38		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045664.D	09 Apr 2025 10:35	pH#Lot#V12668	JC/MD	Ok,M
3	VX0409MBL01	VX0409MBL01	VX045665.D	09 Apr 2025 11:03		JC/MD	Ok
4	VX0409WBL01	VX0409WBL01	VX045666.D	09 Apr 2025 11:26		JC/MD	Ok
5	VX0409WBS01	VX0409WBS01	VX045667.D	09 Apr 2025 11:49		JC/MD	Ok,M
6	VX0409WBSD01	VX0409WBSD01	VX045668.D	09 Apr 2025 12:14		JC/MD	Ok,M
7	Q1739-01	WC-LIQUID-20250404	VX045669.D	09 Apr 2025 12:38	vial A pH<2 oily sample	JC/MD	Ok
8	Q1739-02	WC-LIQUID-20250404	VX045670.D	09 Apr 2025 13:01	vial A pH<2 oily sample	JC/MD	Ok
9	PB167487TB	PB167487TB	VX045671.D	09 Apr 2025 13:24		JC/MD	Ok
10	IBLK	IBLK	VX045672.D	09 Apr 2025 13:47		JC/MD	Ok
11	Q1729-01	Storage-Blank-SOIL-RE	VX045673.D	09 Apr 2025 14:10	vial A pH<2	JC/MD	Ok
12	Q1729-02	Storage-Blank-WATER-	VX045674.D	09 Apr 2025 14:33	vial A pH<2	JC/MD	Ok
13	Q1729-03	Storage-Blank-WATER-	VX045675.D	09 Apr 2025 14:57	vial A pH<2	JC/MD	Ok
14	Q1729-04	Storage-Blank-SAMPLE	VX045676.D	09 Apr 2025 15:20	vial A pH<2	JC/MD	Ok
15	PB167492TB	PB167492TB	VX045677.D	09 Apr 2025 15:43		JC/MD	Ok
16	Q1746-02	B-149-SB01	VX045678.D	09 Apr 2025 16:06	vial A pH#5.0	JC/MD	Ok
17	Q1746-04	B-149-SB02	VX045679.D	09 Apr 2025 16:29	vial A pH#5.0	JC/MD	Ok
18	IBLK	IBLK	VX045680.D	09 Apr 2025 16:52		JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX040925

Review By	John Carlone	Review On	4/10/2025 9:52:48 AM
Supervise By	Maresh Dadoda	Supervise On	4/10/2025 10:14:57 AM
SubDirectory	VX040925	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133622		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133623,VP133624		

19	Q1762-01	MW4	VX045681.D	09 Apr 2025 17:16	vial A pH<2 Need 5X	JC/MD	Dilution
20	Q1762-02	MW5	VX045682.D	09 Apr 2025 17:39	vial A pH<2	JC/MD	Ok
21	IBLK	IBLK	VX045683.D	09 Apr 2025 18:02		JC/MD	Ok
22	VSTDCCC050	VSTDCCC050EC	VX045684.D	09 Apr 2025 18:25		JC/MD	Ok,M

M : Manual Integration

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM
Supervise By	Mahesh Dadoda	Supervise On	4/11/2025 2:00:06 PM
SubDirectory	VX041025	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133631,VP133634		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133632,VP133633,VP133635,VP133636		

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX045685.D	10 Apr 2025 08:10		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX045686.D	10 Apr 2025 08:44	pH#Lot#V12668	JC/MD	Ok,M
3	VX0410MBL01	VX0410MBL01	VX045687.D	10 Apr 2025 09:19		JC/MD	Ok
4	VX0410WBL01	VX0410WBL01	VX045688.D	10 Apr 2025 09:42		JC/MD	Ok
5	VX0410WBS01	VX0410WBS01	VX045689.D	10 Apr 2025 11:31		JC/MD	Ok,M
6	VX0410WBSD01	VX0410WBSD01	VX045690.D	10 Apr 2025 11:54		JC/MD	Ok,M
7	Q1748-04	IB-1.5-WC	VX045691.D	10 Apr 2025 12:17	vial A pH#5.0	JC/MD	Ok
8	Q1748-08	IB-2A-WC	VX045692.D	10 Apr 2025 12:40	vial A pH#5.0	JC/MD	Ok
9	Q1754-02	TP-1	VX045693.D	10 Apr 2025 13:03	vial A pH#5.0	JC/MD	Ok
10	Q1754-04	TP-1-CONCRETE	VX045694.D	10 Apr 2025 13:27	vial A pH#5.0	JC/MD	Ok
11	PB167534ZHE#01	PB167534ZHE#01	VX045695.D	10 Apr 2025 13:50		JC/MD	Ok
12	PB167534ZHE#02	PB167534ZHE#02	VX045696.D	10 Apr 2025 14:13		JC/MD	Ok
13	PB167534ZHE#03	PB167534ZHE#03	VX045697.D	10 Apr 2025 14:36		JC/MD	Ok
14	PB167534ZHE#04	PB167534ZHE#04	VX045698.D	10 Apr 2025 15:00		JC/MD	Ok
15	PB167534ZHE#05	PB167534ZHE#05	VX045699.D	10 Apr 2025 15:23		JC/MD	Ok
16	PB167534ZHE#06	PB167534ZHE#06	VX045700.D	10 Apr 2025 15:46		JC/MD	Ok
17	PB167534ZHE#07	PB167534ZHE#07	VX045701.D	10 Apr 2025 16:09		JC/MD	Ok
18	PB167534ZHE#08	PB167534ZHE#08	VX045702.D	10 Apr 2025 16:32		JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM
Supervise By	Maresh Dadoda	Supervise On	4/11/2025 2:00:06 PM
SubDirectory	VX041025	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133631,VP133634		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133632,VP133633,VP133635,VP133636		

19	PB167534ZHE#09	PB167534ZHE#09	VX045703.D	10 Apr 2025 16:56		JC/MD	Ok
20	PB167534ZHE#10	PB167534ZHE#10	VX045704.D	10 Apr 2025 17:19		JC/MD	Ok
21	PB167534ZHE#11	PB167534ZHE#11	VX045705.D	10 Apr 2025 17:42		JC/MD	Ok
22	PB167534ZHE#12	PB167534ZHE#12	VX045706.D	10 Apr 2025 18:05		JC/MD	Ok
23	PB167534ZHE#13	PB167534ZHE#13	VX045707.D	10 Apr 2025 18:28		JC/MD	Ok
24	PB167534ZHE#14	PB167534ZHE#14	VX045708.D	10 Apr 2025 18:51		JC/MD	Ok
25	Q1749-04	TP-14	VX045709.D	10 Apr 2025 19:15	vial A pH#5.0	JC/MD	Ok
26	VSTDCCC050	VSTDCCC050EC	VX045710.D	10 Apr 2025 19:38		JC/MD	Ok,M
27	BFB	BFB	VX045711.D	11 Apr 2025 02:10		JC/MD	Ok
28	VSTDCCC050	VSTDCCC050	VX045712.D	11 Apr 2025 02:49		JC/MD	Ok,M
29	VX0410MBL02	VX0410MBL02	VX045713.D	11 Apr 2025 03:36		JC/MD	Ok
30	VX0410WBL02	VX0410WBL02	VX045714.D	11 Apr 2025 03:59		JC/MD	Ok
31	VX0410WBS02	VX0410WBS02	VX045715.D	11 Apr 2025 04:22		JC/MD	Ok,M
32	VX0410WBSD02	VX0410WBSD02	VX045716.D	11 Apr 2025 05:09		JC/MD	Ok,M
33	Q1762-01DL	MW4DL	VX045717.D	11 Apr 2025 05:32	vial B pH<2	JC/MD	Ok
34	PB167534TB	PB167534TB	VX045718.D	11 Apr 2025 05:55		JC/MD	Ok
35	Q1753-04	WC-1	VX045719.D	11 Apr 2025 06:19	vial A pH#5.0	JC/MD	Ok
36	Q1753-08	WC-2	VX045720.D	11 Apr 2025 06:42	vial A pH#5.0	JC/MD	Ok
37	Q1752-06	TP-4	VX045721.D	11 Apr 2025 07:05	vial A pH#5.0	JC/MD	Ok

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QC Batch ID # VX041025

Review By	John Carlone	Review On	4/11/2025 11:53:56 AM
Supervise By	Maresh Dadoda	Supervise On	4/11/2025 2:00:06 PM
SubDirectory	VX041025	HP Acquire Method	HP Processing Method 82X040225W.M
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	VP133631,VP133634		
CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	VP133632,VP133633,VP133635,VP133636		

38	Q1752-08	TP-3	VX045722.D	11 Apr 2025 07:28	vial A pH#5.0	JC/MD	Ok
39	Q1752-02	TP-1	VX045723.D	11 Apr 2025 07:51	vial A pH#5.0	JC/MD	Ok
40	Q1752-04	TP-2	VX045724.D	11 Apr 2025 08:15	vial A pH#5.0	JC/MD	Ok
41	Q1756-04	TP-9	VX045725.D	11 Apr 2025 08:37	vial A pH#5.0	JC/MD	Ok
42	Q1760-04	TP-17	VX045726.D	11 Apr 2025 09:00	vial A pH#5.0	JC/MD	Ok
43	Q1760-08	TP-15	VX045727.D	11 Apr 2025 09:22	vial A pH#5.0	JC/MD	Ok,M
44	VSTDCCC050	VSTDCCC050EC	VX045728.D	11 Apr 2025 09:45		JC/MD	Ok,M

M : Manual Integration

LAB CHRONICLE

OrderID:	Q1762	OrderDate:	4/9/2025 2:47:49 PM
Client:	G Environmental	Project:	ANN
Contact:	Gary Landis	Location:	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1762-01	MW4	Water	VOC-TCLVOA-10	8260D	04/09/25		04/09/25	04/09/25
Q1762-01DL	MW4DL	Water	VOC-TCLVOA-10	8260D	04/09/25		04/11/25	04/09/25
Q1762-02	MW5	Water	VOC-TCLVOA-10	8260D	04/09/25		04/09/25	04/09/25