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

Hit Summary Sheet
SW-846

SDG No.: Q2503

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID:	**GCAP2W**								
Q2503-01	GCAP2W	Water	Chloromethane		2.50	J	0.32	5.00	ug/L
Q2503-01	GCAP2W	Water	Cyclohexane		1.90	J	1.50	5.00	ug/L
Q2503-01	GCAP2W	Water	Methylcyclohexane		2.00	J	0.16	5.00	ug/L
Q2503-01	GCAP2W	Water	Toluene		0.48	J	0.14	5.00	ug/L
			Total Voc :		6.88				
			Total Concentration:		6.88				
Client ID:	**GCAP3W**								
Q2503-02	GCAP3W	Water	Chloromethane		0.50	J	0.32	5.00	ug/L
Q2503-02	GCAP3W	Water	Cyclohexane		14.1		1.50	5.00	ug/L
Q2503-02	GCAP3W	Water	Methylcyclohexane		48.9		0.16	5.00	ug/L
Q2503-02	GCAP3W	Water	Toluene		0.38	J	0.14	5.00	ug/L
Q2503-02	GCAP3W	Water	Isopropylbenzene		0.74	J	0.12	5.00	ug/L
			Total Voc :		64.6				
Q2503-02	GCAP3W	Water	Butane, 2,3-dimethyl-	*	8.10	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Pentane, 3-methyl-	*	25.4	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, methyl-	*	45.1	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Pentane, 2-methyl-	*	29.4	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclohexane, 1,2-dimethyl- (ci	*	9.00	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Hexane, 3-methyl-	*	33.9	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Isopropylcyclobutane	*	26.0	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, ethyl-	*	9.00	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclohexane, ethyl-	*	6.50	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	6.40	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, 1,3-dimethyl-, tr	*	40.0	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclohexane, 1,3-dimethyl-, tra	*	6.20	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, 1,3-dimethyl-	*	20.7	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, 1,2,3-trimethyl-,	*	10.6	J	0	0	ug/L
Q2503-02	GCAP3W	Water	Cyclopentane, 1,2,4-trimethyl-,	*	6.20	J	0	0	ug/L
Q2503-02	GCAP3W	Water	n-propylbenzene	*	2.00	J	0.13	5.00	ug/L
Q2503-02	GCAP3W	Water	sec-Butylbenzene	*	0.61	J	0.13	5.00	ug/L
Q2503-02	GCAP3W	Water	n-Butylbenzene	*	0.95	J	0.15	5.00	ug/L
			Total Tics :		286				
			Total Concentration:		351				
Client ID:	**GCAP2**								
Q2503-03	GCAP2	SOIL	Acetone		360		6.90	36.3	ug/Kg
Q2503-03	GCAP2	SOIL	Carbon Disulfide		3.20	J	1.50	7.30	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2503

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Q2503-03	GCAP2	SOIL	Cyclohexane		600	E	1.10	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	2-Butanone		120		9.50	36.3	ug/Kg
Q2503-03	GCAP2	SOIL	Methylcyclohexane		990	E	1.30	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	Toluene		5.30	J	1.10	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	Ethyl Benzene		2.00	J	0.97	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	m/p-Xylenes		29.7		1.80	14.5	ug/Kg
Q2503-03	GCAP2	SOIL	o-Xylene		6.40	J	1.20	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	Isopropylbenzene		36.1		1.10	7.30	ug/Kg
			Total Voc :		2150				
Q2503-03	GCAP2	SOIL	Benzene, 1,2,4,5-tetramethyl-	*	180	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, methyl-	*	110	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclohexane, 1,2-dimethyl- (ci	*	150	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Benzene, 1-ethyl-2-methyl-	*	63.0	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,2-dimethyl-, tr	*	270	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, ethyl-	*	89.1	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclohexane, 1,4-dimethyl-, tra	*	110	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,3-dimethyl-	*	230	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,3-dimethyl-, ci	*	290	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclohexane, 1,1,3-trimethyl-	*	87.8	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	1H-Indene, 2,3-dihydro-1,3-din	*	89.6	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclohexane, 1,2-dimethyl-, tra	*	120	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,2,3-trimethyl-,	*	130	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Cyclopentane, 1,2,4-trimethyl-,	*	77.2	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	Benzene, (1-methyl-1-butenyl)-	*	69.9	J	0	0	ug/Kg
Q2503-03	GCAP2	SOIL	n-propylbenzene	*	54.7	J	1.10	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	1,3,5-Trimethylbenzene	*	23.6	J	1.20	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	1,2,4-Trimethylbenzene	*	53.0	J	0.93	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	sec-Butylbenzene	*	7.80	J	0.96	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	p-Isopropyltoluene	*	6.30	J	0.90	7.30	ug/Kg
Q2503-03	GCAP2	SOIL	n-Butylbenzene	*	4.80	J	2.10	7.30	ug/Kg
			Total Tics :		2220				
			Total Concentration:		4370				
Client ID:	**GCAP2ME**								
Q2503-03ME	GCAP2ME	SOIL	Cyclohexane		550	D	37.2	240	ug/Kg
Q2503-03ME	GCAP2ME	SOIL	Methylcyclohexane		1200	D	42.8	240	ug/Kg
Q2503-03ME	GCAP2ME	SOIL	m/p-Xylenes		83.4	JD	58.4	470	ug/Kg
Q2503-03ME	GCAP2ME	SOIL	Isopropylbenzene		76.2	JD	36.7	240	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q2503

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Voc :		1910				
			Total Concentration:		1910				
Client ID:	**GCAP3**								
Q2503-04	GCAP3	SOIL	Acetone		320		7.10	37.7	ug/Kg
Q2503-04	GCAP3	SOIL	Carbon Disulfide		7.00	J	1.60	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane		1100	E	1.20	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	2-Butanone		110		9.90	37.7	ug/Kg
Q2503-04	GCAP3	SOIL	Methylcyclohexane		2400	E	1.40	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	Toluene		12.9		1.20	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	Ethyl Benzene		18.7		1.00	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	m/p-Xylenes		200		1.90	15.1	ug/Kg
Q2503-04	GCAP3	SOIL	o-Xylene		36.0		1.20	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	Isopropylbenzene		88.4		1.20	7.50	ug/Kg
			Total Voc :		4290				
Q2503-04	GCAP3	SOIL	Pentane, 3-methyl-	*	43.4	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, methyl-	*	96.5	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Indane	*	43.0	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane, 1,2-dimethyl- (ci	*	170	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexene, 1-methyl-	*	50.5	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, 1,2-dimethyl-, tr	*	350	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclobutane, (1-methylethylide	*	110	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, ethyl-	*	120	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane, ethyl-	*	59.7	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, 1,3-dimethyl-, tr	*	270	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane, 1,2-dimethyl-, cis	*	58.3	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, 1,3-dimethyl-	*	300	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclohexane, 1,2-dimethyl-, tra	*	120	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	Cyclopentane, 1,2,3-trimethyl-,	*	61.6	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	1,4-Hexadiene, 2,3-dimethyl-	*	160	J	0	0	ug/Kg
Q2503-04	GCAP3	SOIL	n-propylbenzene	*	140	J	1.10	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	1,3,5-Trimethylbenzene	*	180	J	1.20	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	tert-Butylbenzene	*	2.90	J	1.00	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	1,2,4-Trimethylbenzene	*	500	J	0.96	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	sec-Butylbenzene	*	7.10	J	0.99	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	p-Isopropyltoluene	*	15.6	J	0.93	7.50	ug/Kg
Q2503-04	GCAP3	SOIL	n-Butylbenzene	*	2.40	J	2.20	7.50	ug/Kg
			Total Tics :		2860				

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Hit Summary Sheet
SW-846

SDG No.: Q2503

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	7150				
Client ID:	**GCAP3ME**							
Q2503-04ME	GCAP3ME	SOIL	Acetone	570	JD	400	2100	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	Cyclohexane	1500	D	67.1	420	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	Methylcyclohexane	4000	D	77.2	420	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	Toluene	190	JD	66.2	420	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	m/p-Xylenes	470	JD	110	850	ug/Kg
Q2503-04ME	GCAP3ME	SOIL	Isopropylbenzene	120	JD	66.2	420	ug/Kg
			Total Voc :	6850				
			Total Concentration:	6850				

SAMPLE DATA

Raw Data: **VX046886.D**

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

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2W	SDG No.:	Q2503
Lab Sample ID:	Q2503-01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046886.D	1	07/03/25 14:37	VX070325

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	2.50	J	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	1.90	J	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	2.00	J	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	0.48	J	0.14	5.00	ug/L

Raw Data: **VX046886.D**

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

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2W	SDG No.:	Q2503
Lab Sample ID:	Q2503-01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046886.D	1	07/03/25 14:37	VX070325

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	47.9		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	47.0		75 - 124	94%	SPK: 50
2037-26-5	Toluene-d8	49.9		86 - 113	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		77 - 121	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	530000	5.562			
540-36-3	1,4-Difluorobenzene	893000	6.769			
3114-55-4	Chlorobenzene-d5	814000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	408000	12.018			

Raw Data: **VX046886.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2W	SDG No.:	Q2503
Lab Sample ID:	Q2503-01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046886.D	1	07/03/25 14:37	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046887.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3W	SDG No.:	Q2503
Lab Sample ID:	Q2503-02	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046887.D	1	07/03/25 14:58	VX070325

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	0.50	J	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	14.1		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	48.9		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	0.38	J	0.14	5.00	ug/L

Raw Data: **VX046887.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3W	SDG No.:	Q2503
Lab Sample ID:	Q2503-02	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046887.D	1	07/03/25 14:58	VX070325

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	0.74	J	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	47.8		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		77 - 121	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	552000	5.562			
540-36-3	1,4-Difluorobenzene	911000	6.769			
3114-55-4	Chlorobenzene-d5	828000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	418000	12.018			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VX046887.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3W	SDG No.:	Q2503
Lab Sample ID:	Q2503-02	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046887.D	1	07/03/25 14:58	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000079-29-8	Butane, 2,3-dimethyl-	8.10	J		2.80	ug/L
000107-83-5	Pentane, 2-methyl-	29.4	J		2.84	ug/L
000096-14-0	Pentane, 3-methyl-	25.4	J		3.12	ug/L
000096-37-7	Cyclopentane, methyl-	45.1	J		4.32	ug/L
000589-34-4	Hexane, 3-methyl-	33.9	J		5.84	ug/L
001759-58-6	Cyclopentane, 1,3-dimethyl-, trans	40.0	J		6.17	ug/L
002453-00-1	Cyclopentane, 1,3-dimethyl-	20.7	J		6.27	ug/L
000872-56-0	Isopropylcyclobutane	26.0	J		6.37	ug/L
001640-89-7	Cyclopentane, ethyl-	9.00	J		7.66	ug/L
016883-48-0	Cyclopentane, 1,2,4-trimethyl-, (1	6.20	J		7.78	ug/L
015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	10.6	J		7.96	ug/L
000583-57-3	Cyclohexane, 1,2-dimethyl- (cis/tr	9.00	J		8.98	ug/L
002207-03-6	Cyclohexane, 1,3-dimethyl-, trans-	6.20	J		9.10	ug/L
001678-91-7	Cyclohexane, ethyl-	6.50	J		9.56	ug/L
103-65-1	n-propylbenzene	2.00	J		11.3	ug/L
135-98-8	sec-Butylbenzene	0.61	J		11.9	ug/L
104-51-8	n-Butylbenzene	0.95	J		12.3	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	6.40	J		12.6	ug/L

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

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

Raw Data: **VW031840.D**

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

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2	SDG No.:	Q2503
Lab Sample ID:	Q2503-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	4.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031840.D	1	07/14/25 11:16	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.70	U	1.70	7.30	ug/Kg
74-87-3	Chloromethane	1.70	U	1.70	7.30	ug/Kg
75-01-4	Vinyl Chloride	1.10	U	1.10	7.30	ug/Kg
74-83-9	Bromomethane	1.60	U	1.60	7.30	ug/Kg
75-00-3	Chloroethane	1.80	U	1.80	7.30	ug/Kg
75-69-4	Trichlorofluoromethane	1.80	U	1.80	7.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	1.50	7.30	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	1.50	7.30	ug/Kg
67-64-1	Acetone	360		6.90	36.3	ug/Kg
75-15-0	Carbon Disulfide	3.20	J	1.50	7.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.10	U	1.10	7.30	ug/Kg
79-20-9	Methyl Acetate	2.20	U	2.20	7.30	ug/Kg
75-09-2	Methylene Chloride	5.10	U	5.10	14.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.30	U	1.30	7.30	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	7.30	ug/Kg
110-82-7	Cyclohexane	600	E	1.10	7.30	ug/Kg
78-93-3	2-Butanone	120		9.50	36.3	ug/Kg
56-23-5	Carbon Tetrachloride	1.40	U	1.40	7.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.30	ug/Kg
74-97-5	Bromochloromethane	1.70	U	1.70	7.30	ug/Kg
67-66-3	Chloroform	1.20	U	1.20	7.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.40	U	1.40	7.30	ug/Kg
108-87-2	Methylcyclohexane	990	E	1.30	7.30	ug/Kg
71-43-2	Benzene	1.10	U	1.10	7.30	ug/Kg
107-06-2	1,2-Dichloroethane	1.10	U	1.10	7.30	ug/Kg
79-01-6	Trichloroethene	1.20	U	1.20	7.30	ug/Kg
78-87-5	1,2-Dichloropropane	1.30	U	1.30	7.30	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	7.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.20	U	5.20	36.3	ug/Kg
108-88-3	Toluene	5.30	J	1.10	7.30	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2	SDG No.:	Q2503
Lab Sample ID:	Q2503-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	4.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031840.D	1	07/14/25 11:16	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.95	U	0.95	7.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.90	U	0.90	7.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.30	U	1.30	7.30	ug/Kg
591-78-6	2-Hexanone	5.40	U	5.40	36.3	ug/Kg
124-48-1	Dibromochloromethane	1.30	U	1.30	7.30	ug/Kg
106-93-4	1,2-Dibromoethane	1.30	U	1.30	7.30	ug/Kg
127-18-4	Tetrachloroethene	1.50	U	1.50	7.30	ug/Kg
108-90-7	Chlorobenzene	1.30	U	1.30	7.30	ug/Kg
100-41-4	Ethyl Benzene	2.00	J	0.97	7.30	ug/Kg
179601-23-1	m/p-Xylenes	29.7		1.80	14.5	ug/Kg
95-47-6	o-Xylene	6.40	J	1.20	7.30	ug/Kg
100-42-5	Styrene	1.00	U	1.00	7.30	ug/Kg
75-25-2	Bromoform	1.30	U	1.30	7.30	ug/Kg
98-82-8	Isopropylbenzene	36.1		1.10	7.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1.80	7.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	2.50	7.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.30	U	2.30	7.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	U	2.10	7.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	U	2.70	7.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.30	U	4.30	7.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.60	U	4.60	7.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	40.2		63 - 155	80%	SPK: 50
1868-53-7	Dibromofluoromethane	43.2		70 - 134	86%	SPK: 50
2037-26-5	Toluene-d8	48.0		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.0		17 - 146	76%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	211000	7.959			
540-36-3	1,4-Difluorobenzene	390000	8.849			
3114-55-4	Chlorobenzene-d5	330000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	124000	13.556			
TENTATIVE IDENTIFIED COMPOUNDS						

Raw Data: **VW031840.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2	SDG No.:	Q2503
Lab Sample ID:	Q2503-03	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	4.83 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031840.D	1	07/14/25 11:16	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000096-37-7	Cyclopentane, methyl-	110	J		7.00	ug/Kg
002532-58-3	Cyclopentane, 1,3-dimethyl-, cis-	290	J		8.45	ug/Kg
002453-00-1	Cyclopentane, 1,3-dimethyl-	230	J		8.51	ug/Kg
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	270	J		8.59	ug/Kg
001640-89-7	Cyclopentane, ethyl-	89.1	J		9.52	ug/Kg
016883-48-0	Cyclopentane, 1,2,4-trimethyl-, (1	77.2	J		9.61	ug/Kg
015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	130	J		9.76	ug/Kg
000583-57-3	Cyclohexane, 1,2-dimethyl- (cis/tr	150	J		10.5	ug/Kg
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	120	J		10.7	ug/Kg
002207-04-7	Cyclohexane, 1,4-dimethyl-, trans-	110	J		10.8	ug/Kg
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	87.8	J		11.2	ug/Kg
103-65-1	n-propylbenzene	54.7	J		12.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	23.6	J		12.9	ug/Kg
000611-14-3	Benzene, 1-ethyl-2-methyl-	63.0	J		13.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	53.0	J		13.2	ug/Kg
135-98-8	sec-Butylbenzene	7.80	J		13.4	ug/Kg
99-87-6	p-Isopropyltoluene	6.30	J		13.5	ug/Kg
104-51-8	n-Butylbenzene	4.80	J		13.8	ug/Kg
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	180	J		14.8	ug/Kg
053172-84-2	Benzene, (1-methyl-1-butenyl)-	69.9	J		15.1	ug/Kg
004175-53-5	1H-Indene, 2,3-dihydro-1,3-dimethy	89.6	J		15.2	ug/Kg

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

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

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-03ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	7.46 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047009.D	1	07/15/25 17:49	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	53.7	UD	53.7	240	ug/Kg
74-87-3	Chloromethane	53.7	UD	53.7	240	ug/Kg
75-01-4	Vinyl Chloride	37.2	UD	37.2	240	ug/Kg
74-83-9	Bromomethane	50.4	UD	50.4	240	ug/Kg
75-00-3	Chloroethane	59.3	UD	59.3	240	ug/Kg
75-69-4	Trichlorofluoromethane	57.0	UD	57.0	240	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	49.9	UD	49.9	240	ug/Kg
75-35-4	1,1-Dichloroethene	47.1	UD	47.1	240	ug/Kg
67-64-1	Acetone	220	UD	220	1200	ug/Kg
75-15-0	Carbon Disulfide	49.9	UD	49.9	240	ug/Kg
1634-04-4	Methyl tert-butyl Ether	34.4	UD	34.4	240	ug/Kg
79-20-9	Methyl Acetate	72.5	UDQ	72.5	240	ug/Kg
75-09-2	Methylene Chloride	170	UD	170	470	ug/Kg
156-60-5	trans-1,2-Dichloroethene	40.5	UD	40.5	240	ug/Kg
75-34-3	1,1-Dichloroethane	37.7	UD	37.7	240	ug/Kg
110-82-7	Cyclohexane	550	D	37.2	240	ug/Kg
78-93-3	2-Butanone	310	UDQ	310	1200	ug/Kg
56-23-5	Carbon Tetrachloride	45.7	UD	45.7	240	ug/Kg
156-59-2	cis-1,2-Dichloroethene	35.3	UD	35.3	240	ug/Kg
74-97-5	Bromochloromethane	54.1	UD	54.1	240	ug/Kg
67-66-3	Chloroform	39.5	UD	39.5	240	ug/Kg
71-55-6	1,1,1-Trichloroethane	43.8	UD	43.8	240	ug/Kg
108-87-2	Methylcyclohexane	1200	D	42.8	240	ug/Kg
71-43-2	Benzene	37.2	UD	37.2	240	ug/Kg
107-06-2	1,2-Dichloroethane	37.2	UD	37.2	240	ug/Kg
79-01-6	Trichloroethene	38.1	UD	38.1	240	ug/Kg
78-87-5	1,2-Dichloropropane	42.8	UD	42.8	240	ug/Kg
75-27-4	Bromodichloromethane	36.7	UD	36.7	240	ug/Kg
108-10-1	4-Methyl-2-Pentanone	170	UDQ	170	1200	ug/Kg
108-88-3	Toluene	36.7	UD	36.7	240	ug/Kg

Raw Data: **VX047009.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-03ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	7.46 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047009.D	1	07/15/25 17:49	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	30.6	UD	30.6	240	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	29.2	UD	29.2	240	ug/Kg
79-00-5	1,1,2-Trichloroethane	43.3	UD	43.3	240	ug/Kg
591-78-6	2-Hexanone	170	UDQ	170	1200	ug/Kg
124-48-1	Dibromochloromethane	40.9	UD	40.9	240	ug/Kg
106-93-4	1,2-Dibromoethane	41.4	UD	41.4	240	ug/Kg
127-18-4	Tetrachloroethene	49.4	UD	49.4	240	ug/Kg
108-90-7	Chlorobenzene	42.8	UD	42.8	240	ug/Kg
100-41-4	Ethyl Benzene	31.5	UD	31.5	240	ug/Kg
179601-23-1	m/p-Xylenes	83.4	JD	58.4	470	ug/Kg
95-47-6	o-Xylene	38.6	UD	38.6	240	ug/Kg
100-42-5	Styrene	33.4	UD	33.4	240	ug/Kg
75-25-2	Bromoform	40.5	UD	40.5	240	ug/Kg
98-82-8	Isopropylbenzene	76.2	JD	36.7	240	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	57.0	UD	57.0	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	80.5	UD	80.5	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	73.4	UD	73.4	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	68.2	UD	68.2	240	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	86.6	UD	86.6	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	UD	140	240	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	150	UD	150	240	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.7		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.8		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	322000	5.556			
540-36-3	1,4-Difluorobenzene	539000	6.763			
3114-55-4	Chlorobenzene-d5	489000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	251000	12.018			

Raw Data: **VX047009.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP2ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-03ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	71.2
Sample Wt/Vol:	7.46 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047009.D	1	07/15/25 17:49	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VW031841.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3	SDG No.:	Q2503
Lab Sample ID:	Q2503-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031841.D	1	07/14/25 11:38	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.70	U	1.70	7.50	ug/Kg
74-87-3	Chloromethane	1.70	U	1.70	7.50	ug/Kg
75-01-4	Vinyl Chloride	1.20	U	1.20	7.50	ug/Kg
74-83-9	Bromomethane	1.60	U	1.60	7.50	ug/Kg
75-00-3	Chloroethane	1.90	U	1.90	7.50	ug/Kg
75-69-4	Trichlorofluoromethane	1.80	U	1.80	7.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.60	U	1.60	7.50	ug/Kg
75-35-4	1,1-Dichloroethene	1.50	U	1.50	7.50	ug/Kg
67-64-1	Acetone	320		7.10	37.7	ug/Kg
75-15-0	Carbon Disulfide	7.00	J	1.60	7.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.10	U	1.10	7.50	ug/Kg
79-20-9	Methyl Acetate	2.30	U	2.30	7.50	ug/Kg
75-09-2	Methylene Chloride	5.30	U	5.30	15.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.30	U	1.30	7.50	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	7.50	ug/Kg
110-82-7	Cyclohexane	1100	E	1.20	7.50	ug/Kg
78-93-3	2-Butanone	110		9.90	37.7	ug/Kg
56-23-5	Carbon Tetrachloride	1.50	U	1.50	7.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.50	ug/Kg
74-97-5	Bromochloromethane	1.70	U	1.70	7.50	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	7.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.40	U	1.40	7.50	ug/Kg
108-87-2	Methylcyclohexane	2400	E	1.40	7.50	ug/Kg
71-43-2	Benzene	1.20	U	1.20	7.50	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	7.50	ug/Kg
79-01-6	Trichloroethene	1.20	U	1.20	7.50	ug/Kg
78-87-5	1,2-Dichloropropane	1.40	U	1.40	7.50	ug/Kg
75-27-4	Bromodichloromethane	1.20	U	1.20	7.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.40	U	5.40	37.7	ug/Kg
108-88-3	Toluene	12.9		1.20	7.50	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3	SDG No.:	Q2503
Lab Sample ID:	Q2503-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031841.D	1	07/14/25 11:38	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.98	U	0.98	7.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.93	U	0.93	7.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.40	U	1.40	7.50	ug/Kg
591-78-6	2-Hexanone	5.60	U	5.60	37.7	ug/Kg
124-48-1	Dibromochloromethane	1.30	U	1.30	7.50	ug/Kg
106-93-4	1,2-Dibromoethane	1.30	U	1.30	7.50	ug/Kg
127-18-4	Tetrachloroethene	1.60	U	1.60	7.50	ug/Kg
108-90-7	Chlorobenzene	1.40	U	1.40	7.50	ug/Kg
100-41-4	Ethyl Benzene	18.7		1.00	7.50	ug/Kg
179601-23-1	m/p-Xylenes	200		1.90	15.1	ug/Kg
95-47-6	o-Xylene	36.0		1.20	7.50	ug/Kg
100-42-5	Styrene	1.10	U	1.10	7.50	ug/Kg
75-25-2	Bromoform	1.30	U	1.30	7.50	ug/Kg
98-82-8	Isopropylbenzene	88.4		1.20	7.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1.80	7.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.60	U	2.60	7.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.30	U	2.30	7.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.20	U	2.20	7.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.80	U	2.80	7.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.50	U	4.50	7.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.80	U	4.80	7.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.1		63 - 155	88%	SPK: 50
1868-53-7	Dibromofluoromethane	47.6		70 - 134	95%	SPK: 50
2037-26-5	Toluene-d8	51.4		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.9		17 - 146	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	198000	7.965			
540-36-3	1,4-Difluorobenzene	378000	8.855			
3114-55-4	Chlorobenzene-d5	324000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	117000	13.556			
TENTATIVE IDENTIFIED COMPOUNDS						

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

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3	SDG No.:	Q2503
Lab Sample ID:	Q2503-04	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	5.06 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031841.D	1	07/14/25 11:38	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000096-14-0	Pentane, 3-methyl-	43.4	J		5.48	ug/Kg
000096-37-7	Cyclopentane, methyl-	96.5	J		7.01	ug/Kg
002453-00-1	Cyclopentane, 1,3-dimethyl-	300	J		8.45	ug/Kg
001759-58-6	Cyclopentane, 1,3-dimethyl-, trans	270	J		8.52	ug/Kg
000822-50-4	Cyclopentane, 1,2-dimethyl-, trans	350	J		8.59	ug/Kg
001640-89-7	Cyclopentane, ethyl-	120	J		9.53	ug/Kg
015890-40-1	Cyclopentane, 1,2,3-trimethyl-, (1	61.6	J		9.76	ug/Kg
001528-22-9	Cyclobutane, (1-methylethylidene)-	110	J		9.86	ug/Kg
000591-49-1	Cyclohexene, 1-methyl-	50.5	J		10.2	ug/Kg
000583-57-3	Cyclohexane, 1,2-dimethyl- (cis/tr	170	J		10.5	ug/Kg
006876-23-9	Cyclohexane, 1,2-dimethyl-, trans-	120	J		10.7	ug/Kg
018669-52-8	1,4-Hexadiene, 2,3-dimethyl-	160	J		10.8	ug/Kg
002207-01-4	Cyclohexane, 1,2-dimethyl-, cis-	58.3	J		11.1	ug/Kg
001678-91-7	Cyclohexane, ethyl-	59.7	J		11.2	ug/Kg
103-65-1	n-propylbenzene	140	J		12.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	180	J		12.9	ug/Kg
98-06-6	tert-Butylbenzene	2.90	J		13.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	500	J		13.2	ug/Kg
135-98-8	sec-Butylbenzene	7.10	J		13.4	ug/Kg
99-87-6	p-Isopropyltoluene	15.6	J		13.5	ug/Kg
000496-11-7	Indane	43.0	J		13.8	ug/Kg
104-51-8	n-Butylbenzene	2.40	J		13.8	ug/Kg

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

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

Raw Data: **VX047010.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-04ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	4.49 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047010.D	1	07/15/25 18:10	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	96.8	UD	96.8	420	ug/Kg
74-87-3	Chloromethane	96.8	UD	96.8	420	ug/Kg
75-01-4	Vinyl Chloride	67.1	UD	67.1	420	ug/Kg
74-83-9	Bromomethane	90.8	UD	90.8	420	ug/Kg
75-00-3	Chloroethane	110	UD	110	420	ug/Kg
75-69-4	Trichlorofluoromethane	100	UD	100	420	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	90.0	UD	90.0	420	ug/Kg
75-35-4	1,1-Dichloroethene	84.9	UD	84.9	420	ug/Kg
67-64-1	Acetone	570	JD	400	2100	ug/Kg
75-15-0	Carbon Disulfide	90.0	UD	90.0	420	ug/Kg
1634-04-4	Methyl tert-butyl Ether	62.0	UD	62.0	420	ug/Kg
79-20-9	Methyl Acetate	130	UDQ	130	420	ug/Kg
75-09-2	Methylene Chloride	300	UD	300	850	ug/Kg
156-60-5	trans-1,2-Dichloroethene	73.0	UD	73.0	420	ug/Kg
75-34-3	1,1-Dichloroethane	67.9	UD	67.9	420	ug/Kg
110-82-7	Cyclohexane	1500	D	67.1	420	ug/Kg
78-93-3	2-Butanone	560	UDQ	560	2100	ug/Kg
56-23-5	Carbon Tetrachloride	82.3	UD	82.3	420	ug/Kg
156-59-2	cis-1,2-Dichloroethene	63.7	UD	63.7	420	ug/Kg
74-97-5	Bromochloromethane	97.6	UD	97.6	420	ug/Kg
67-66-3	Chloroform	71.3	UD	71.3	420	ug/Kg
71-55-6	1,1,1-Trichloroethane	78.9	UD	78.9	420	ug/Kg
108-87-2	Methylcyclohexane	4000	D	77.2	420	ug/Kg
71-43-2	Benzene	67.1	UD	67.1	420	ug/Kg
107-06-2	1,2-Dichloroethane	67.1	UD	67.1	420	ug/Kg
79-01-6	Trichloroethene	68.8	UD	68.8	420	ug/Kg
78-87-5	1,2-Dichloropropane	77.2	UD	77.2	420	ug/Kg
75-27-4	Bromodichloromethane	66.2	UD	66.2	420	ug/Kg
108-10-1	4-Methyl-2-Pentanone	300	UDQ	300	2100	ug/Kg
108-88-3	Toluene	190	JD	66.2	420	ug/Kg

Raw Data: **VX047010.D**

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

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-04ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	4.49 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047010.D	1	07/15/25 18:10	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	55.2	UD	55.2	420	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	52.6	UD	52.6	420	ug/Kg
79-00-5	1,1,2-Trichloroethane	78.1	UD	78.1	420	ug/Kg
591-78-6	2-Hexanone	310	UDQ	310	2100	ug/Kg
124-48-1	Dibromochloromethane	73.8	UD	73.8	420	ug/Kg
106-93-4	1,2-Dibromoethane	74.7	UD	74.7	420	ug/Kg
127-18-4	Tetrachloroethene	89.1	UD	89.1	420	ug/Kg
108-90-7	Chlorobenzene	77.2	UD	77.2	420	ug/Kg
100-41-4	Ethyl Benzene	56.9	UD	56.9	420	ug/Kg
179601-23-1	m/p-Xylenes	470	JD	110	850	ug/Kg
95-47-6	o-Xylene	69.6	UD	69.6	420	ug/Kg
100-42-5	Styrene	60.3	UD	60.3	420	ug/Kg
75-25-2	Bromoform	73.0	UD	73.0	420	ug/Kg
98-82-8	Isopropylbenzene	120	JD	66.2	420	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	100	UD	100	420	ug/Kg
541-73-1	1,3-Dichlorobenzene	150	UD	150	420	ug/Kg
106-46-7	1,4-Dichlorobenzene	130	UD	130	420	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	UD	120	420	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	160	UD	160	420	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	250	UD	250	420	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	270	UD	270	420	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.1		70 - 134	96%	SPK: 50
2037-26-5	Toluene-d8	48.5		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	289000	5.556			
540-36-3	1,4-Difluorobenzene	485000	6.763			
3114-55-4	Chlorobenzene-d5	438000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	225000	12.018			

Raw Data: **VX047010.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	07/02/25
Project:	Capra	Date Received:	07/03/25
Client Sample ID:	GCAP3ME	SDG No.:	Q2503
Lab Sample ID:	Q2503-04ME	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	65.6
Sample Wt/Vol:	4.49 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047010.D	1	07/15/25 18:10	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2503

Client: G Environmental

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
Q2503-01	GCAP2W	1,2-Dichloroethane-d4	50	47.9	96		74	125
		Dibromofluoromethane	50	47.0	94		75	124
		Toluene-d8	50	49.9	100		86	113
		4-Bromofluorobenzene	50	50.1	100		77	121
Q2503-02	GCAP3W	1,2-Dichloroethane-d4	50	47.8	96		74	125
		Dibromofluoromethane	50	48.3	97		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	51.3	103		77	121
Q2503-03	GCAP2	1,2-Dichloroethane-d4	50	40.2	80		63	155
		Dibromofluoromethane	50	43.2	86		70	134
		Toluene-d8	50	48.0	96		74	123
		4-Bromofluorobenzene	50	38.0	76		17	146
Q2503-03ME	GCAP2ME	1,2-Dichloroethane-d4	50	52.7	105		63	155
		Dibromofluoromethane	50	48.6	97		70	134
		Toluene-d8	50	47.8	96		74	123
		4-Bromofluorobenzene	50	51.6	103		17	146
Q2503-04	GCAP3	1,2-Dichloroethane-d4	50	44.1	88		63	155
		Dibromofluoromethane	50	47.6	95		70	134
		Toluene-d8	50	51.5	103		74	123
		4-Bromofluorobenzene	50	39.9	80		17	146
Q2503-04ME	GCAP3ME	1,2-Dichloroethane-d4	50	52.4	105		63	155
		Dibromofluoromethane	50	48.1	96		70	134
		Toluene-d8	50	48.5	97		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146
VW0714SBL01	VW0714SBL01	1,2-Dichloroethane-d4	50	48.0	96		63	155
		Dibromofluoromethane	50	47.1	94		70	134
		Toluene-d8	50	44.9	90		74	123
		4-Bromofluorobenzene	50	46.2	92		17	146
VW0714SBS01	VW0714SBS01	1,2-Dichloroethane-d4	50	53.8	108		63	155
		Dibromofluoromethane	50	49.6	99		70	134
		Toluene-d8	50	51.4	103		74	123
		4-Bromofluorobenzene	50	52.3	105		17	146
VW0714SBSD0	VW0714SBSD01	1,2-Dichloroethane-d4	50	55.2	110		63	155
		Dibromofluoromethane	50	51.7	103		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	54.1	108		17	146
VX0715MBL01	VX0715MBL01	1,2-Dichloroethane-d4	50	52.4	105		63	155
		Dibromofluoromethane	50	48.5	97		70	134
		Toluene-d8	50	48.5	97		74	123
		4-Bromofluorobenzene	50	52.2	104		17	146
VX0715MBS01	VX0715MBS01	1,2-Dichloroethane-d4	50	53.9	108		63	155
		Dibromofluoromethane	50	50.2	100		70	134
		Toluene-d8	50	48.5	97		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146

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Surrogate Summary

SDG No.: Q2503

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX0703WBL01	VX0703WBL01	1,2-Dichloroethane-d4	50	50.3	101		74	125
		Dibromofluoromethane	50	48.6	97		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	50.6	101		77	121
VX0703WBS01	VX0703WBS01	1,2-Dichloroethane-d4	50	49.9	100		74	125
		Dibromofluoromethane	50	49.1	98		75	124
		Toluene-d8	50	49.6	99		86	113
		4-Bromofluorobenzene	50	50.7	101		77	121
VX0703WBSD0	VX0703WBSD01	1,2-Dichloroethane-d4	50	51.3	103		74	125
		Dibromofluoromethane	50	49.8	100		75	124
		Toluene-d8	50	49.3	99		86	113
		4-Bromofluorobenzene	50	51.1	102		77	121

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031838.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBS01	Dichlorodifluoromethane	20	18.8	ug/Kg	94			64	136	
	Chloromethane	20	19.6	ug/Kg	98			52	151	
	Vinyl chloride	20	20.6	ug/Kg	103			56	148	
	Bromomethane	20	20.2	ug/Kg	101			58	141	
	Chloroethane	20	20.2	ug/Kg	101			69	130	
	Trichlorofluoromethane	20	16.8	ug/Kg	84			69	134	
	1,1,2-Trichlorotrifluoroethane	20	19.5	ug/Kg	98			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	87.1	ug/Kg	87			40	171	
	Carbon disulfide	20	18.7	ug/Kg	94			59	130	
	Methyl tert-butyl Ether	20	22.8	ug/Kg	114			77	129	
	Methyl Acetate	20	18.6	ug/Kg	93			69	149	
	Methylene Chloride	20	24.0	ug/Kg	120			72	131	
	trans-1,2-Dichloroethene	20	21.7	ug/Kg	109			80	123	
	1,1-Dichloroethane	20	22.2	ug/Kg	111			82	123	
	Cyclohexane	20	19.7	ug/Kg	99			76	122	
	2-Butanone	100	96.3	ug/Kg	96			69	131	
	Carbon Tetrachloride	20	17.9	ug/Kg	90			76	129	
	cis-1,2-Dichloroethene	20	22.3	ug/Kg	112			82	123	
	Bromochloromethane	20	21.9	ug/Kg	110			80	127	
	Chloroform	20	22.7	ug/Kg	114			82	125	
	1,1,1-Trichloroethane	20	20.7	ug/Kg	104			80	126	
	Methylcyclohexane	20	18.4	ug/Kg	92			77	123	
	Benzene	20	20.9	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	20.4	ug/Kg	102			81	126	
	Trichloroethene	20	20.5	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	21.4	ug/Kg	107			83	122	
	Bromodichloromethane	20	20.8	ug/Kg	104			82	123	
	4-Methyl-2-Pentanone	100	94.7	ug/Kg	95			70	135	
	Toluene	20	21.4	ug/Kg	107			83	122	
	t-1,3-Dichloropropene	20	20.4	ug/Kg	102			78	124	
	cis-1,3-Dichloropropene	20	21.0	ug/Kg	105			81	122	
	1,1,2-Trichloroethane	20	20.8	ug/Kg	104			82	125	
	2-Hexanone	100	95.7	ug/Kg	96			66	138	
	Dibromochloromethane	20	20.0	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	19.5	ug/Kg	98			80	125	
	Tetrachloroethene	20	17.7	ug/Kg	89			83	125	
	Chlorobenzene	20	20.3	ug/Kg	102			84	122	
	Ethyl Benzene	20	20.7	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.6	ug/Kg	104			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Styrene	20	21.5	ug/Kg	108			82	124	
	Bromoform	20	18.3	ug/Kg	92			75	127	
	Isopropylbenzene	20	21.0	ug/Kg	105			82	124	
	1,1,2,2-Tetrachloroethane	20	20.8	ug/Kg	104			77	127	
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	21.6	ug/Kg	108			84	121	
	1,2-Dichlorobenzene	20	21.6	ug/Kg	108			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031838.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBS01	1,2-Dibromo-3-Chloropropane	20	18.2	ug/Kg	91			66	134	
	1,2,4-Trichlorobenzene	20	20.7	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	20.8	ug/Kg	104			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031839.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VW0714SBSD01	Dichlorodifluoromethane	20	16.9	ug/Kg	85	10		64	136	20
	Chloromethane	20	19.7	ug/Kg	99	1		52	151	20
	Vinyl chloride	20	20.0	ug/Kg	100	3		56	148	20
	Bromomethane	20	20.4	ug/Kg	102	1		58	141	20
	Chloroethane	20	20.1	ug/Kg	101	0		69	130	20
	Trichlorofluoromethane	20	19.3	ug/Kg	97	14		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/Kg	98	0		81	123	20
	1,1-Dichloroethene	20	20.0	ug/Kg	100	3		79	121	20
	Acetone	100	99.3	ug/Kg	99	13		40	171	20
	Carbon disulfide	20	18.5	ug/Kg	93	1		59	130	20
	Methyl tert-butyl Ether	20	22.8	ug/Kg	114	0		77	129	20
	Methyl Acetate	20	20.9	ug/Kg	104	11		69	149	20
	Methylene Chloride	20	24.5	ug/Kg	123	2		72	131	20
	trans-1,2-Dichloroethene	20	21.1	ug/Kg	106	3		80	123	20
	1,1-Dichloroethane	20	22.1	ug/Kg	111	0		82	123	20
	Cyclohexane	20	19.8	ug/Kg	99	0		76	122	20
	2-Butanone	100	110	ug/Kg	110	14		69	131	20
	Carbon Tetrachloride	20	18.5	ug/Kg	93	3		76	129	20
	cis-1,2-Dichloroethene	20	22.4	ug/Kg	112	0		82	123	20
	Bromochloromethane	20	22.9	ug/Kg	115	4		80	127	20
	Chloroform	20	22.5	ug/Kg	113	1		82	125	20
	1,1,1-Trichloroethane	20	20.6	ug/Kg	103	1		80	126	20
	Methylcyclohexane	20	18.1	ug/Kg	91	1		77	123	20
	Benzene	20	20.9	ug/Kg	104	0		84	121	20
	1,2-Dichloroethane	20	20.6	ug/Kg	103	1		81	126	20
	Trichloroethene	20	19.5	ug/Kg	98	5		83	122	20
	1,2-Dichloropropane	20	20.5	ug/Kg	103	4		83	122	20
	Bromodichloromethane	20	20.8	ug/Kg	104	0		82	123	20
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	5		70	135	20
	Toluene	20	21.1	ug/Kg	106	1		83	122	20
	t-1,3-Dichloropropene	20	21.0	ug/Kg	105	3		78	124	20
	cis-1,3-Dichloropropene	20	21.0	ug/Kg	105	0		81	122	20
	1,1,2-Trichloroethane	20	21.0	ug/Kg	105	1		82	125	20
	2-Hexanone	100	110	ug/Kg	110	14		66	138	20
	Dibromochloromethane	20	19.5	ug/Kg	98	2		79	125	20
	1,2-Dibromoethane	20	20.8	ug/Kg	104	6		80	125	20
	Tetrachloroethene	20	17.3	ug/Kg	86	3		83	125	20
	Chlorobenzene	20	19.7	ug/Kg	99	3		84	122	20
	Ethyl Benzene	20	20.4	ug/Kg	102	2		82	124	20
	m/p-Xylenes	40	39.8	ug/Kg	100	4		83	124	20
	o-Xylene	20	20.5	ug/Kg	103	3		83	123	20
	Styrene	20	20.4	ug/Kg	102	6		82	124	20
	Bromoform	20	19.1	ug/Kg	96	4		75	127	20
	Isopropylbenzene	20	20.4	ug/Kg	102	3		82	124	20
	1,1,2,2-Tetrachloroethane	20	20.8	ug/Kg	104	0		77	127	20
	1,3-Dichlorobenzene	20	20.3	ug/Kg	102	1		83	122	20
	1,4-Dichlorobenzene	20	20.2	ug/Kg	101	7		84	121	20
	1,2-Dichlorobenzene	20	20.8	ug/Kg	104	4		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VW031839.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VW0714SBSD01	1,2-Dibromo-3-Chloropropane	20	19.2	ug/Kg	96	5		66	134	20
	1,2,4-Trichlorobenzene	20	19.8	ug/Kg	99	5		78	127	20
	1,2,3-Trichlorobenzene	20	19.2	ug/Kg	96	8		70	137	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX046873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBS01	Dichlorodifluoromethane	20	18.7	ug/L	94			69	116	
	Chloromethane	20	19.0	ug/L	95			65	116	
	Vinyl chloride	20	18.7	ug/L	94			65	117	
	Bromomethane	20	20.5	ug/L	103			58	125	
	Chloroethane	20	18.2	ug/L	91			56	128	
	Trichlorofluoromethane	20	18.8	ug/L	94			73	115	
	1,1,2-Trichlorotrifluoroethane	20	18.8	ug/L	94			80	112	
	1,1-Dichloroethene	20	18.2	ug/L	91			74	110	
	Acetone	100	86.7	ug/L	87			60	125	
	Carbon disulfide	20	18.0	ug/L	90			64	112	
	Methyl tert-butyl Ether	20	18.9	ug/L	95			78	114	
	Methyl Acetate	20	19.3	ug/L	97			67	125	
	Methylene Chloride	20	18.5	ug/L	93			72	114	
	trans-1,2-Dichloroethene	20	19.2	ug/L	96			75	108	
	1,1-Dichloroethane	20	19.0	ug/L	95			78	112	
	Cyclohexane	20	19.2	ug/L	96			75	110	
	2-Butanone	100	93.1	ug/L	93			65	122	
	Carbon Tetrachloride	20	18.3	ug/L	92			77	113	
	cis-1,2-Dichloroethene	20	19.0	ug/L	95			77	110	
	Bromochloromethane	20	16.0	ug/L	80			70	124	
	Chloroform	20	19.1	ug/L	96			79	113	
	1,1,1-Trichloroethane	20	18.8	ug/L	94			80	108	
	Methylcyclohexane	20	18.6	ug/L	93			72	115	
	Benzene	20	18.9	ug/L	95			82	109	
	1,2-Dichloroethane	20	18.6	ug/L	93			80	115	
	Trichloroethene	20	18.4	ug/L	92			77	113	
	1,2-Dichloropropane	20	18.6	ug/L	93			83	111	
	Bromodichloromethane	20	18.8	ug/L	94			83	110	
	4-Methyl-2-Pentanone	100	95.2	ug/L	95			74	118	
	Toluene	20	19.1	ug/L	96			82	110	
	t-1,3-Dichloropropene	20	18.4	ug/L	92			79	110	
	cis-1,3-Dichloropropene	20	18.5	ug/L	93			82	110	
	1,1,2-Trichloroethane	20	19.1	ug/L	96			83	112	
	2-Hexanone	100	92.1	ug/L	92			73	117	
	Dibromochloromethane	20	18.6	ug/L	93			82	110	
	1,2-Dibromoethane	20	18.6	ug/L	93			81	110	
	Tetrachloroethene	20	18.5	ug/L	93			67	123	
	Chlorobenzene	20	18.6	ug/L	93			82	109	
	Ethyl Benzene	20	18.9	ug/L	95			83	109	
	m/p-Xylenes	40	38.0	ug/L	95			82	110	
	o-Xylene	20	18.7	ug/L	94			83	109	
	Styrene	20	19.3	ug/L	97			80	111	
	Bromoform	20	18.3	ug/L	92			79	109	
	Isopropylbenzene	20	18.6	ug/L	93			83	112	
	1,1,2,2-Tetrachloroethane	20	18.2	ug/L	91			76	118	
	1,3-Dichlorobenzene	20	18.4	ug/L	92			82	108	
	1,4-Dichlorobenzene	20	18.0	ug/L	90			82	107	
	1,2-Dichlorobenzene	20	18.5	ug/L	93			82	109	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX046873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBS01	1,2-Dibromo-3-Chloropropane	20	17.6	ug/L	88			68	112	
	1,2,4-Trichlorobenzene	20	17.8	ug/L	89			75	113	
	1,2,3-Trichlorobenzene	20	17.9	ug/L	90			76	114	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX046874.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBSD01	Dichlorodifluoromethane	20	19.3	ug/L	97	3		69	116	19
	Chloromethane	20	19.4	ug/L	97	2		65	116	21
	Vinyl chloride	20	19.1	ug/L	96	2		65	117	19
	Bromomethane	20	20.5	ug/L	103	0		58	125	20
	Chloroethane	20	18.8	ug/L	94	3		56	128	20
	Trichlorofluoromethane	20	19.5	ug/L	98	4		73	115	16
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98	4		80	112	15
	1,1-Dichloroethene	20	19.2	ug/L	96	5		74	110	20
	Acetone	100	91.0	ug/L	91	4		60	125	20
	Carbon disulfide	20	18.5	ug/L	93	3		64	112	20
	Methyl tert-butyl Ether	20	20.5	ug/L	103	8		78	114	20
	Methyl Acetate	20	20.5	ug/L	103	6		67	125	20
	Methylene Chloride	20	19.9	ug/L	100	7		72	114	20
	trans-1,2-Dichloroethene	20	19.9	ug/L	100	4		75	108	16
	1,1-Dichloroethane	20	19.6	ug/L	98	3		78	112	20
	Cyclohexane	20	20.1	ug/L	101	5		75	110	20
	2-Butanone	100	98.7	ug/L	99	6		65	122	26
	Carbon Tetrachloride	20	19.5	ug/L	98	6		77	113	15
	cis-1,2-Dichloroethene	20	19.9	ug/L	100	5		77	110	20
	Bromochloromethane	20	17.5	ug/L	88	10		70	124	20
	Chloroform	20	20.1	ug/L	101	5		79	113	20
	1,1,1-Trichloroethane	20	19.4	ug/L	97	3		80	108	20
	Methylcyclohexane	20	19.3	ug/L	97	4		72	115	20
	Benzene	20	19.8	ug/L	99	4		82	109	15
	1,2-Dichloroethane	20	20.3	ug/L	102	9		80	115	20
	Trichloroethene	20	18.9	ug/L	95	3		77	113	15
	1,2-Dichloropropane	20	19.9	ug/L	100	7		83	111	16
	Bromodichloromethane	20	20.0	ug/L	100	6		83	110	16
	4-Methyl-2-Pentanone	100	100	ug/L	100	5		74	118	25
	Toluene	20	20.1	ug/L	101	5		82	110	16
	t-1,3-Dichloropropene	20	19.8	ug/L	99	7		79	110	20
	cis-1,3-Dichloropropene	20	20.3	ug/L	102	9		82	110	16
	1,1,2-Trichloroethane	20	20.7	ug/L	104	8		83	112	20
	2-Hexanone	100	100	ug/L	100	8		73	117	25
	Dibromochloromethane	20	20.0	ug/L	100	7		82	110	20
	1,2-Dibromoethane	20	20.1	ug/L	101	8		81	110	20
	Tetrachloroethene	20	19.3	ug/L	97	4		67	123	15
	Chlorobenzene	20	19.4	ug/L	97	4		82	109	15
	Ethyl Benzene	20	19.7	ug/L	99	4		83	109	16
	m/p-Xylenes	40	39.9	ug/L	100	5		82	110	15
	o-Xylene	20	19.7	ug/L	99	5		83	109	20
	Styrene	20	20.1	ug/L	101	4		80	111	17
	Bromoform	20	19.3	ug/L	97	5		79	109	20
	Isopropylbenzene	20	19.2	ug/L	96	3		83	112	29
	1,1,2,2-Tetrachloroethane	20	19.4	ug/L	97	6		76	118	20
	1,3-Dichlorobenzene	20	19.4	ug/L	97	5		82	108	20
	1,4-Dichlorobenzene	20	18.8	ug/L	94	4		82	107	15
	1,2-Dichlorobenzene	20	19.5	ug/L	98	5		82	109	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260-Low

Client: G Environmental **Datafile :** VX046874.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0703WBSD01	1,2-Dibromo-3-Chloropropane	20	18.9	ug/L	95	8		68	112	20
	1,2,4-Trichlorobenzene	20	18.3	ug/L	92	3		75	113	29
	1,2,3-Trichlorobenzene	20	19.5	ug/L	98	9		76	114	29

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX047007.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0715MBS01	Dichlorodifluoromethane	2000	1700	ug/Kg	85			64	136	
	Chloromethane	2000	1700	ug/Kg	85			52	151	
	Vinyl chloride	2000	1800	ug/Kg	90			56	148	
	Bromomethane	2000	1800	ug/Kg	90			58	141	
	Chloroethane	2000	1900	ug/Kg	95			69	130	
	Trichlorofluoromethane	2000	1900	ug/Kg	95			69	134	
	1,1,2-Trichlorotrifluoroethane	2000	1900	ug/Kg	95			81	123	
	1,1-Dichloroethene	2000	1900	ug/Kg	95			79	121	
	Acetone	10000	12400	ug/Kg	124			40	171	
	Carbon disulfide	2000	1500	ug/Kg	75			59	130	
	Methyl tert-butyl Ether	2000	2400	ug/Kg	120			77	129	
	Methyl Acetate	2000	3100	ug/Kg	155		*	69	149	
	Methylene Chloride	2000	2000	ug/Kg	100			72	131	
	trans-1,2-Dichloroethene	2000	1900	ug/Kg	95			80	123	
	1,1-Dichloroethane	2000	2000	ug/Kg	100			82	123	
	Cyclohexane	2000	1900	ug/Kg	95			76	122	
	2-Butanone	10000	14000	ug/Kg	140		*	69	131	
	Carbon Tetrachloride	2000	1900	ug/Kg	95			76	129	
	cis-1,2-Dichloroethene	2000	2000	ug/Kg	100			82	123	
	Bromochloromethane	2000	2200	ug/Kg	110			80	127	
	Chloroform	2000	2100	ug/Kg	105			82	125	
	1,1,1-Trichloroethane	2000	2100	ug/Kg	105			80	126	
	Methylcyclohexane	2000	1700	ug/Kg	85			77	123	
	Benzene	2000	1900	ug/Kg	95			84	121	
	1,2-Dichloroethane	2000	2100	ug/Kg	105			81	126	
	Trichloroethene	2000	1800	ug/Kg	90			83	122	
	1,2-Dichloropropane	2000	2000	ug/Kg	100			83	122	
	Bromodichloromethane	2000	2000	ug/Kg	100			82	123	
	4-Methyl-2-Pentanone	10000	13900	ug/Kg	139		*	70	135	
	Toluene	2000	2000	ug/Kg	100			83	122	
	t-1,3-Dichloropropene	2000	2000	ug/Kg	100			78	124	
	cis-1,3-Dichloropropene	2000	2000	ug/Kg	100			81	122	
	1,1,2-Trichloroethane	2000	2100	ug/Kg	105			82	125	
	2-Hexanone	10000	14500	ug/Kg	145		*	66	138	
	Dibromochloromethane	2000	2000	ug/Kg	100			79	125	
	1,2-Dibromoethane	2000	2100	ug/Kg	105			80	125	
	Tetrachloroethene	2000	1800	ug/Kg	90			83	125	
	Chlorobenzene	2000	2000	ug/Kg	100			84	122	
	Ethyl Benzene	2000	2000	ug/Kg	100			82	124	
	m/p-Xylenes	4000	3900	ug/Kg	98			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Styrene	2000	2000	ug/Kg	100			82	124	
	Bromoform	2000	2100	ug/Kg	105			75	127	
	Isopropylbenzene	2000	2000	ug/Kg	100			82	124	
	1,1,2,2-Tetrachloroethane	2000	2400	ug/Kg	120			77	127	
	1,3-Dichlorobenzene	2000	2000	ug/Kg	100			83	122	
	1,4-Dichlorobenzene	2000	1900	ug/Kg	95			84	121	
	1,2-Dichlorobenzene	2000	2000	ug/Kg	100			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2503 **Analytical Method:** SW8260D

Client: G Environmental **Datafile :** VX047007.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0715MBS01	1,2-Dibromo-3-Chloropropane	2000	2600	ug/Kg	130			66	134	
	1,2,4-Trichlorobenzene	2000	1900	ug/Kg	95			78	127	
	1,2,3-Trichlorobenzene	2000	2000	ug/Kg	100			70	137	

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VOLATILE METHOD BLANK SUMMARY

Client ID: VW0714SBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VW031837.D | Lab Sample ID: VW0714SBL01

Date Analyzed: 07/14/2025 | Time Analyzed: 09:46

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW0714SBS01	VW0714SBS01	VW031838.D	07/14/2025
VW0714SBSD01	VW0714SBSD01	VW031839.D	07/14/2025
GCAP2	Q2503-03	VW031840.D	07/14/2025
GCAP3	Q2503-04	VW031841.D	07/14/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0703WBL01

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VX046871.D | Lab Sample ID: VX0703WBL01

Date Analyzed: 07/03/2025 | Time Analyzed: 09:09

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
VX0703WBS01	VX0703WBS01	VX046873.D	07/03/2025
VX0703WBSD01	VX0703WBSD01	VX046874.D	07/03/2025
GCAP2W	Q2503-01	VX046886.D	07/03/2025
GCAP3W	Q2503-02	VX046887.D	07/03/2025

COMMENTS:

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VOLATILE METHOD BLANK SUMMARY

Client ID: VX0715MBL01

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VX046989.D Lab Sample ID: VX0715MBL01

Date Analyzed: 07/15/2025 Time Analyzed: 10:39

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

Instrument ID: MSVOA_X

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0715MBS01	VX0715MBS01	VX047007.D	07/15/2025
GCAP2ME	Q2503-03ME	VX047009.D	07/15/2025
GCAP3ME	Q2503-04ME	VX047010.D	07/15/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VW031728.D | BFB Injection Date: 06/30/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:56

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	65.4
175	5.0 - 9.0% of mass 174	5.4 (8.2) 1
176	95.0 - 101.0% of mass 174	64.8 (99.2) 1
177	5.0 - 9.0% of mass 176	4.1 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VW031729.D	06/30/2025	09:54
VSTDICC010	VSTDICC010	VW031730.D	06/30/2025	10:15
VSTDICC020	VSTDICC020	VW031731.D	06/30/2025	10:58
VSTDICCC050	VSTDICCC050	VW031732.D	06/30/2025	11:21
VSTDICC100	VSTDICC100	VW031733.D	06/30/2025	12:34
VSTDICC150	VSTDICC150	VW031734.D	06/30/2025	12:55

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VW031835.D | BFB Injection Date: 07/14/2025

Instrument ID: MSVOA_W | BFB Injection Time: 08:45

GC Column: RXI-624 ID: 0.25 (mm) | Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.5
75	30.0 - 60.0% of mass 95	53.4
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	63.7
175	5.0 - 9.0% of mass 174	5.4 (8.5) 1
176	95.0 - 101.0% of mass 174	62.5 (98.1) 1
177	5.0 - 9.0% of mass 176	4 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW031836.D	07/14/2025	09:17
VW0714SBL01	VW0714SBL01	VW031837.D	07/14/2025	09:46
VW0714SBS01	VW0714SBS01	VW031838.D	07/14/2025	10:14
VW0714SBSD01	VW0714SBSD01	VW031839.D	07/14/2025	10:36
GCAP2	Q2503-03	VW031840.D	07/14/2025	11:16
GCAP3	Q2503-04	VW031841.D	07/14/2025	11:38

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VX046859.D | BFB Injection Date: 07/02/2025

Instrument ID: MSVOA_X | BFB Injection Time: 11:12

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	18.2
75	30.0 - 60.0% of mass 95	50.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.8 (1) 1
174	50.0 - 100.0% of mass 95	75.5
175	5.0 - 9.0% of mass 174	5.6 (7.4) 1
176	95.0 - 101.0% of mass 174	73.3 (97.1) 1
177	5.0 - 9.0% of mass 176	4.9 (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:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX046860.D	07/02/2025	12:11
VSTDICC005	VSTDICC005	VX046861.D	07/02/2025	12:37
VSTDICC020	VSTDICC020	VX046862.D	07/02/2025	13:18
VSTDICCC050	VSTDICCC050	VX046863.D	07/02/2025	13:39
VSTDICC100	VSTDICC100	VX046864.D	07/02/2025	14:10
VSTDICC150	VSTDICC150	VX046865.D	07/02/2025	14:31

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VX046868.D | BFB Injection Date: 07/03/2025

Instrument ID: MSVOA_X | BFB Injection Time: 07:52

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	18.4
75	30.0 - 60.0% of mass 95	49.9
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) 1
174	50.0 - 100.0% of mass 95	76
175	5.0 - 9.0% of mass 174	5.7 (7.6) 1
176	95.0 - 101.0% of mass 174	75.5 (99.4) 1
177	5.0 - 9.0% of mass 176	4.9 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046869.D	07/03/2025	08:19
VX0703WBL01	VX0703WBL01	VX046871.D	07/03/2025	09:09
VX0703WBS01	VX0703WBS01	VX046873.D	07/03/2025	09:56
VX0703WBSD01	VX0703WBSD01	VX046874.D	07/03/2025	10:23
GCAP2W	Q2503-01	VX046886.D	07/03/2025	14:37
GCAP3W	Q2503-02	VX046887.D	07/03/2025	14:58

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2503

Lab File ID: VX046987.D | BFB Injection Date: 07/15/2025

Instrument ID: MSVOA_X | BFB Injection Time: 08:29

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	18.9
75	30.0 - 60.0% of mass 95	52
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	74.1
175	5.0 - 9.0% of mass 174	5.5 (7.4) 1
176	95.0 - 101.0% of mass 174	72.6 (97.9) 1
177	5.0 - 9.0% of mass 176	4.6 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046988.D	07/15/2025	10:18
VX0715MBL01	VX0715MBL01	VX046989.D	07/15/2025	10:39
VX0715MBS01	VX0715MBS01	VX047007.D	07/15/2025	17:06
GCAP2ME	Q2503-03ME	VX047009.D	07/15/2025	17:49
GCAP3ME	Q2503-04ME	VX047010.D	07/15/2025	18:10

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VW031836.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_W Time Analyzed: 09:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	228359	7.96	408363	8.85	364073	11.63
UPPER LIMIT	456718	8.459	816726	9.349	728146	12.129
LOWER LIMIT	114180	7.459	204182	8.349	182037	11.129
EPA SAMPLE NO.						
GCAP2	210867	7.96	390097	8.85	330238	11.63
GCAP3	198013	7.97	378189	8.86	323667	11.63
VW0714SBL01	179274	7.96	359991	8.85	334968	11.64
VW0714SBS01	217952	7.96	419177	8.85	378051	11.63
VW0714SBSD01	213196	7.97	419599	8.86	383633	11.64

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VW031836.D Date Analyzed: 07/14/2025

Instrument ID: MSVOA_W Time Analyzed: 09:17

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	165994	13.556				
UPPER LIMIT	331988	14.056				
LOWER LIMIT	82997	13.056				
EPA SAMPLE NO.						
GCAP2	124443	13.56				
GCAP3	116915	13.56				
VW0714SBL01	154203	13.56				
VW0714SBS01	171979	13.56				
VW0714SBSD01	180632	13.56				

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VX046869.D Date Analyzed: 07/03/2025

Instrument ID: MSVOA_X Time Analyzed: 08:19

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	416385	5.56	663948	6.76	582621	10.05
UPPER LIMIT	832770	6.056	1327900	7.263	1165240	10.549
LOWER LIMIT	208193	5.056	331974	6.263	291311	9.549
EPA SAMPLE NO.						
GCAP2W	529972	5.56	893199	6.77	813566	10.06
GCAP3W	551922	5.56	910736	6.77	827841	10.06
VX0703WBL01	435949	5.56	752530	6.76	691838	10.05
VX0703WBS01	380935	5.56	631809	6.77	572542	10.06
VX0703WBSD01	339915	5.56	568093	6.76	517645	10.05

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

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

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

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VX046869.D Date Analyzed: 07/03/2025

Instrument ID: MSVOA_X Time Analyzed: 08:19

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

	IS4 AREA #	RT #				
12 HOUR STD	287854	12.018				
UPPER LIMIT	575708	12.518				
LOWER LIMIT	143927	11.518				
EPA SAMPLE NO.						
GCAP2W	408234	12.02				
GCAP3W	418170	12.02				
VX0703WBL01	351915	12.02				
VX0703WBS01	293826	12.02				
VX0703WBSD01	269874	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VX046988.D Date Analyzed: 07/15/2025

Instrument ID: MSVOA_X Time Analyzed: 10:18

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	298555	5.56	499158	6.76	443564	10.06
UPPER LIMIT	597110	6.056	998316	7.263	887128	10.555
LOWER LIMIT	149278	5.056	249579	6.263	221782	9.555
EPA SAMPLE NO.						
GCAP2ME	321586	5.56	538656	6.76	489470	10.06
GCAP3ME	288950	5.56	484552	6.76	438449	10.06
VX0715MBL01	342671	5.56	579223	6.77	530422	10.06
VX0715MBS01	310444	5.57	528338	6.77	471044	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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2503

Lab File ID: VX046988.D Date Analyzed: 07/15/2025

Instrument ID: MSVOA_X Time Analyzed: 10:18

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

	IS4 AREA #	RT #				
12 HOUR STD	217822	12.018				
UPPER LIMIT	435644	12.518				
LOWER LIMIT	108911	11.518				
EPA SAMPLE NO.						
GCAP2ME	250920	12.02				
GCAP3ME	225226	12.02				
VX0715MBL01	275487	12.02				
VX0715MBS01	239011	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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBL01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031837.D	1	07/14/25 09:46	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBL01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031837.D	1	07/14/25 09:46	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.0		63 - 155	96%	SPK: 50
1868-53-7	Dibromofluoromethane	47.1		70 - 134	94%	SPK: 50
2037-26-5	Toluene-d8	44.9		74 - 123	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.2		17 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	179000	7.959			
540-36-3	1,4-Difluorobenzene	360000	8.849			
3114-55-4	Chlorobenzene-d5	335000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	154000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBL01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031837.D	1	07/14/25 09:46	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046871.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBL01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBL01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046871.D	1	07/03/25 09:09	VX070325

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

Raw Data: **VX046871.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBL01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBL01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046871.D	1	07/03/25 09:09	VX070325

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	50.3		74 - 125	101%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	436000	5.556			
540-36-3	1,4-Difluorobenzene	753000	6.763			
3114-55-4	Chlorobenzene-d5	692000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	352000	12.018			

Raw Data: **VX046871.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBL01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBL01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046871.D	1	07/03/25 09:09	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046989.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBL01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046989.D	1	07/15/25 10:39	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	110	U	110	500	ug/Kg
74-87-3	Chloromethane	110	U	110	500	ug/Kg
75-01-4	Vinyl Chloride	79.0	U	79.0	500	ug/Kg
74-83-9	Bromomethane	110	U	110	500	ug/Kg
75-00-3	Chloroethane	130	U	130	500	ug/Kg
75-69-4	Trichlorofluoromethane	120	U	120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	110	U	110	500	ug/Kg
75-35-4	1,1-Dichloroethene	100	U	100	500	ug/Kg
67-64-1	Acetone	470	U	470	2500	ug/Kg
75-15-0	Carbon Disulfide	110	U	110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	73.0	U	73.0	500	ug/Kg
79-20-9	Methyl Acetate	150	U	150	500	ug/Kg
75-09-2	Methylene Chloride	350	U	350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	86.0	U	86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	80.0	U	80.0	500	ug/Kg
110-82-7	Cyclohexane	79.0	U	79.0	500	ug/Kg
78-93-3	2-Butanone	650	U	650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	97.0	U	97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	75.0	U	75.0	500	ug/Kg
74-97-5	Bromochloromethane	120	U	120	500	ug/Kg
67-66-3	Chloroform	84.0	U	84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	93.0	U	93.0	500	ug/Kg
108-87-2	Methylcyclohexane	91.0	U	91.0	500	ug/Kg
71-43-2	Benzene	79.0	U	79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	79.0	U	79.0	500	ug/Kg
79-01-6	Trichloroethene	81.0	U	81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	91.0	U	91.0	500	ug/Kg
75-27-4	Bromodichloromethane	78.0	U	78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	360	U	360	2500	ug/Kg
108-88-3	Toluene	78.0	U	78.0	500	ug/Kg

Raw Data: **VX046989.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBL01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046989.D	1	07/15/25 10:39	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	65.0	U	65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	62.0	U	62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	92.0	U	92.0	500	ug/Kg
591-78-6	2-Hexanone	370	U	370	2500	ug/Kg
124-48-1	Dibromochloromethane	87.0	U	87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	88.0	U	88.0	500	ug/Kg
127-18-4	Tetrachloroethene	110	U	110	500	ug/Kg
108-90-7	Chlorobenzene	91.0	U	91.0	500	ug/Kg
100-41-4	Ethyl Benzene	67.0	U	67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	120	U	120	1000	ug/Kg
95-47-6	o-Xylene	82.0	U	82.0	500	ug/Kg
100-42-5	Styrene	71.0	U	71.0	500	ug/Kg
75-25-2	Bromoform	86.0	U	86.0	500	ug/Kg
98-82-8	Isopropylbenzene	78.0	U	78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	120	U	120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	170	U	170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	160	U	160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	150	U	150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	180	U	180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	300	U	300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	320	U	320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.4		63 - 155	105%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	48.5		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.2		17 - 146	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	343000	5.562			
540-36-3	1,4-Difluorobenzene	579000	6.769			
3114-55-4	Chlorobenzene-d5	530000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	275000	12.018			

Raw Data: **VX046989.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBL01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX046989.D	1	07/15/25 10:39	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBS01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031838.D	1	07/14/25 10:14	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	18.8		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.6		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.6		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	16.8		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.5		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.5		1.00	5.00	ug/Kg
67-64-1	Acetone	87.1		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.7		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	18.6		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.0		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.7		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.2		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.7		0.79	5.00	ug/Kg
78-93-3	2-Butanone	96.3		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	17.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.3		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.7		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.4		0.91	5.00	ug/Kg
71-43-2	Benzene	20.9		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.4		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	94.7		3.60	25.0	ug/Kg
108-88-3	Toluene	21.4		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBS01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031838.D	1	07/14/25 10:14	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.4		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.0		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	95.7		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.0		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	19.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	17.7		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.6		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.2		0.82	5.00	ug/Kg
100-42-5	Styrene	21.5		0.71	5.00	ug/Kg
75-25-2	Bromoform	18.3		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.6		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	18.2		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.7		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.8		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	51.4		74 - 123	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		17 - 146	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	218000	7.959			
540-36-3	1,4-Difluorobenzene	419000	8.849			
3114-55-4	Chlorobenzene-d5	378000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	172000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBS01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031838.D	1	07/14/25 10:14	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046873.D**

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

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBS01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBS01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	18.7		0.22	1.00	ug/L
74-87-3	Chloromethane	19.0		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
74-83-9	Bromomethane	20.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.2		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	18.8		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.8		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	18.2		0.23	1.00	ug/L
67-64-1	Acetone	86.7		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.0		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	18.9		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.3		0.27	1.00	ug/L
75-09-2	Methylene Chloride	18.5		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.0		0.23	1.00	ug/L
110-82-7	Cyclohexane	19.2		1.50	5.00	ug/L
78-93-3	2-Butanone	93.1		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	18.3		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.0		0.19	1.00	ug/L
74-97-5	Bromochloromethane	16.0		0.22	1.00	ug/L
67-66-3	Chloroform	19.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	18.6		0.16	1.00	ug/L
71-43-2	Benzene	18.9		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	18.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.4		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	18.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	18.8		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	95.2		0.68	5.00	ug/L
108-88-3	Toluene	19.1		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBS01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBS01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	18.4		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.5		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	19.1		0.21	1.00	ug/L
591-78-6	2-Hexanone	92.1		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	18.6		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	18.6		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	18.6		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	18.9		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	38.0		0.24	2.00	ug/L
95-47-6	o-Xylene	18.7		0.12	1.00	ug/L
100-42-5	Styrene	19.3		0.15	1.00	ug/L
75-25-2	Bromoform	18.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	18.6		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	18.2		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	18.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.0		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	18.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	17.8		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.9		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.9		74 - 125	100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		75 - 124	98%	SPK: 50
2037-26-5	Toluene-d8	49.6		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		77 - 121	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	381000	5.562			
540-36-3	1,4-Difluorobenzene	632000	6.769			
3114-55-4	Chlorobenzene-d5	573000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	294000	12.018			

Raw Data: **VX046873.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBS01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBS01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046873.D	1	07/03/25 09:56	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX047007.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBS01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047007.D	1	07/15/25 17:06	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1700		110	500	ug/Kg
74-87-3	Chloromethane	1700		110	500	ug/Kg
75-01-4	Vinyl Chloride	1800		79.0	500	ug/Kg
74-83-9	Bromomethane	1800		110	500	ug/Kg
75-00-3	Chloroethane	1900		130	500	ug/Kg
75-69-4	Trichlorofluoromethane	1900		120	500	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1900		110	500	ug/Kg
75-35-4	1,1-Dichloroethene	1900		100	500	ug/Kg
67-64-1	Acetone	12400		470	2500	ug/Kg
75-15-0	Carbon Disulfide	1500		110	500	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2400		73.0	500	ug/Kg
79-20-9	Methyl Acetate	3100		150	500	ug/Kg
75-09-2	Methylene Chloride	2000		350	1000	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1900		86.0	500	ug/Kg
75-34-3	1,1-Dichloroethane	2000		80.0	500	ug/Kg
110-82-7	Cyclohexane	1900		79.0	500	ug/Kg
78-93-3	2-Butanone	14000		650	2500	ug/Kg
56-23-5	Carbon Tetrachloride	1900		97.0	500	ug/Kg
156-59-2	cis-1,2-Dichloroethene	2000		75.0	500	ug/Kg
74-97-5	Bromochloromethane	2200		120	500	ug/Kg
67-66-3	Chloroform	2100		84.0	500	ug/Kg
71-55-6	1,1,1-Trichloroethane	2100		93.0	500	ug/Kg
108-87-2	Methylcyclohexane	1700		91.0	500	ug/Kg
71-43-2	Benzene	1900		79.0	500	ug/Kg
107-06-2	1,2-Dichloroethane	2100		79.0	500	ug/Kg
79-01-6	Trichloroethene	1800		81.0	500	ug/Kg
78-87-5	1,2-Dichloropropane	2000		91.0	500	ug/Kg
75-27-4	Bromodichloromethane	2000		78.0	500	ug/Kg
108-10-1	4-Methyl-2-Pentanone	13900		360	2500	ug/Kg
108-88-3	Toluene	2000		78.0	500	ug/Kg

Raw Data: **VX047007.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBS01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047007.D	1	07/15/25 17:06	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	2000		65.0	500	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2000		62.0	500	ug/Kg
79-00-5	1,1,2-Trichloroethane	2100		92.0	500	ug/Kg
591-78-6	2-Hexanone	14500		370	2500	ug/Kg
124-48-1	Dibromochloromethane	2000		87.0	500	ug/Kg
106-93-4	1,2-Dibromoethane	2100		88.0	500	ug/Kg
127-18-4	Tetrachloroethene	1800		110	500	ug/Kg
108-90-7	Chlorobenzene	2000		91.0	500	ug/Kg
100-41-4	Ethyl Benzene	2000		67.0	500	ug/Kg
179601-23-1	m/p-Xylenes	3900		120	1000	ug/Kg
95-47-6	o-Xylene	2000		82.0	500	ug/Kg
100-42-5	Styrene	2000		71.0	500	ug/Kg
75-25-2	Bromoform	2100		86.0	500	ug/Kg
98-82-8	Isopropylbenzene	2000		78.0	500	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	2400		120	500	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		170	500	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		160	500	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		150	500	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2600		180	500	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		300	500	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2000		320	500	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.9		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	48.5		74 - 123	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	310000	5.568			
540-36-3	1,4-Difluorobenzene	528000	6.769			
3114-55-4	Chlorobenzene-d5	471000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	239000	12.018			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0715MBS01	SDG No.:	Q2503
Lab Sample ID:	VX0715MBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	100 uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VX047007.D	1	07/15/25 17:06	VX071525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VW031839.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBSD01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031839.D	1	07/14/25 10:36	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	16.9		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.7		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.4		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.1		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	19.3		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.0		1.00	5.00	ug/Kg
67-64-1	Acetone	99.3		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	20.9		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.1		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.8		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	18.5		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	22.5		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.6		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	18.1		0.91	5.00	ug/Kg
71-43-2	Benzene	20.9		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBSD01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031839.D	1	07/14/25 10:36	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.0		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.0		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.0		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.5		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.8		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	17.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	19.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.4		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.8		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.5		0.82	5.00	ug/Kg
100-42-5	Styrene	20.4		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.1		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.4		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.3		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.2		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.8		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.8		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.2		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.2		63 - 155	110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.7		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.1		17 - 146	108%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	213000	7.965			
540-36-3	1,4-Difluorobenzene	420000	8.855			
3114-55-4	Chlorobenzene-d5	384000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	181000	13.556			

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VW0714SBSD01	SDG No.:	Q2503
Lab Sample ID:	VW0714SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW031839.D	1	07/14/25 10:36	VW071425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

Raw Data: **VX046874.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBSD01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBSD01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.3		0.22	1.00	ug/L
74-87-3	Chloromethane	19.4		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	19.1		0.26	1.00	ug/L
74-83-9	Bromomethane	20.5		1.40	5.00	ug/L
75-00-3	Chloroethane	18.8		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.5		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	91.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	18.5		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.5		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.5		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.9		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	19.6		0.23	1.00	ug/L
110-82-7	Cyclohexane	20.1		1.50	5.00	ug/L
78-93-3	2-Butanone	98.7		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.9		0.19	1.00	ug/L
74-97-5	Bromochloromethane	17.5		0.22	1.00	ug/L
67-66-3	Chloroform	20.1		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.4		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	19.3		0.16	1.00	ug/L
71-43-2	Benzene	19.8		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	18.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.9		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.0		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L
108-88-3	Toluene	20.1		0.14	1.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBSD01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBSD01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	19.8		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	20.7		0.21	1.00	ug/L
591-78-6	2-Hexanone	100		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.0		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.1		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.3		0.23	1.00	ug/L
108-90-7	Chlorobenzene	19.4		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.7		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.9		0.24	2.00	ug/L
95-47-6	o-Xylene	19.7		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	19.3		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.2		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.4		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	19.4		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	19.5		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.3		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	19.5		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.3		74 - 125	103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		75 - 124	100%	SPK: 50
2037-26-5	Toluene-d8	49.3		86 - 113	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		77 - 121	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	340000	5.556			
540-36-3	1,4-Difluorobenzene	568000	6.763			
3114-55-4	Chlorobenzene-d5	518000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	270000	12.018			

Raw Data: **VX046874.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Capra	Date Received:	
Client Sample ID:	VX0703WBSD01	SDG No.:	Q2503
Lab Sample ID:	VX0703WBSD01	Matrix:	Water
Analytical Method:	8260D	% 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:	Date Analyzed	Prep Batch ID
VX046874.D	1	07/03/25 10:23	VX070325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Instrument ID: MSVOA_W Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:54 12:55

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.330	0.371	0.352	0.310	0.329	0.351	0.341	6.3
Chloromethane	0.409	0.410	0.428	0.375	0.405	0.436	0.411	5.1
Vinyl Chloride	0.523	0.534	0.576	0.514	0.545	0.546	0.540	4
Bromomethane	0.429	0.431	0.443	0.396	0.412	0.418	0.421	3.9
Chloroethane	0.370	0.372	0.379	0.347	0.360	0.372	0.367	3.1
Trichlorofluoromethane	0.509	0.508	0.442	0.469	0.466	0.546	0.490	7.7
1,1,2-Trichlorotrifluoroethane	0.577	0.563	0.569	0.508	0.517	0.530	0.544	5.4
1,1-Dichloroethene	0.602	0.625	0.622	0.556	0.581	0.588	0.596	4.4
Acetone	0.238	0.191	0.171	0.163	0.157	0.144	0.177	18.8
Carbon Disulfide	1.571	1.588	1.647	1.536	1.590	1.633	1.594	2.5
Methyl tert-butyl Ether	1.007	1.018	1.038	1.033	0.982	0.988	1.011	2.3
Methyl Acetate	0.540	0.523	0.498	0.528	0.467	0.485	0.507	5.6
Methylene Chloride	1.029	0.980	0.905	0.692	0.655	0.626	0.814	21.7
trans-1,2-Dichloroethene	0.635	0.623	0.667	0.613	0.631	0.629	0.633	2.9
1,1-Dichloroethane	1.154	1.163	1.219	1.116	1.131	1.153	1.156	3.1
Cyclohexane	1.175	1.065	1.033	0.937	0.940	0.981	1.022	8.9
2-Butanone	0.224	0.224	0.221	0.249	0.231	0.237	0.231	4.6
Carbon Tetrachloride	0.477	0.498	0.498	0.461	0.468	0.485	0.481	3.2
cis-1,2-Dichloroethene	0.711	0.709	0.754	0.716	0.736	0.740	0.728	2.5
Bromochloromethane	0.531	0.501	0.535	0.504	0.500	0.489	0.510	3.7
Chloroform	1.230	1.239	1.299	1.204	1.189	1.208	1.228	3.2
1,1,1-Trichloroethane	0.933	0.983	0.971	0.925	0.907	0.959	0.946	3.1
Methylcyclohexane	0.573	0.571	0.604	0.566	0.592	0.619	0.587	3.6
Benzene	1.410	1.394	1.483	1.375	1.349	1.371	1.397	3.4
1,2-Dichloroethane	0.490	0.490	0.493	0.464	0.449	0.445	0.472	4.7
Trichloroethene	0.344	0.346	0.367	0.344	0.337	0.354	0.349	3.1
1,2-Dichloropropane	0.348	0.344	0.353	0.331	0.324	0.325	0.338	3.7
Bromodichloromethane	0.509	0.512	0.524	0.511	0.502	0.510	0.511	1.4
4-Methyl-2-Pentanone	0.285	0.301	0.295	0.313	0.289	0.287	0.295	3.5
Toluene	0.882	0.898	0.938	0.876	0.874	0.899	0.894	2.7

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Instrument ID: MSVOA_W Calibration Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y Calibration Time(s): 09:54 12:55

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VW031729.D RRF010 = VW031730.D RRF020 = VW031731.D
RRF050 = VW031732.D RRF100 = VW031733.D RRF150 = VW031734.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.432	0.460	0.491	0.496	0.497	0.500	0.480	5.7
cis-1,3-Dichloropropene	0.514	0.521	0.571	0.549	0.547	0.560	0.544	4.1
1,1,2-Trichloroethane	0.299	0.282	0.299	0.285	0.275	0.273	0.286	4
2-Hexanone	0.185	0.201	0.195	0.219	0.201	0.199	0.200	5.6
Dibromochloromethane	0.329	0.332	0.353	0.352	0.336	0.345	0.341	3
1,2-Dibromoethane	0.288	0.285	0.296	0.290	0.274	0.281	0.286	2.7
Tetrachloroethene	0.331	0.321	0.324	0.314	0.329	0.344	0.327	3.2
Chlorobenzene	1.128	1.116	1.116	1.062	1.078	1.120	1.103	2.4
Ethyl Benzene	1.860	1.899	1.911	1.885	1.934	1.989	1.913	2.3
m/p-Xylenes	0.690	0.730	0.751	0.727	0.750	0.764	0.735	3.6
o-Xylene	0.636	0.654	0.685	0.682	0.705	0.723	0.681	4.7
Styrene	1.066	1.154	1.195	1.209	1.206	1.232	1.177	5.1
Bromoform	0.197	0.202	0.203	0.219	0.215	0.223	0.210	5.1
Isopropylbenzene	3.643	3.549	3.683	3.732	4.080	4.132	3.803	6.4
1,1,2,2-Tetrachloroethane	0.891	0.839	0.812	0.843	0.829	0.852	0.844	3.2
1,3-Dichlorobenzene	1.771	1.705	1.683	1.644	1.681	1.723	1.701	2.5
1,4-Dichlorobenzene	1.815	1.750	1.700	1.702	1.735	1.745	1.741	2.4
1,2-Dichlorobenzene	1.599	1.518	1.511	1.575	1.563	1.563	1.555	2.2
1,2-Dibromo-3-Chloropropane	0.169	0.159	0.153	0.166	0.167	0.174	0.165	4.6
1,2,4-Trichlorobenzene	0.965	0.899	0.929	0.933	1.000	1.028	0.959	5
1,2,3-Trichlorobenzene	0.863	0.865	0.827	0.862	0.944	0.926	0.881	5
1,2-Dichloroethane-d4	0.731	0.732	0.739	0.715	0.702	0.687	0.718	2.8
Dibromofluoromethane	0.322	0.324	0.348	0.324	0.327	0.312	0.326	3.6
Toluene-d8	1.121	1.245	1.290	1.208	1.229	1.193	1.214	4.7
4-Bromofluorobenzene	0.436	0.452	0.463	0.447	0.450	0.434	0.447	2.4

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.445	0.433	0.512	0.487	0.503	0.490	0.478	6.7
Chloromethane	0.505	0.507	0.541	0.508	0.543	0.530	0.522	3.4
Vinyl Chloride	0.568	0.549	0.591	0.550	0.589	0.566	0.569	3.2
Bromomethane		0.402	0.402	0.360	0.369	0.295	0.366	12
Chloroethane	0.443	0.365	0.383	0.347	0.362	0.354	0.376	9.4
Trichlorofluoromethane	0.847	0.874	0.921	0.857	0.893	0.885	0.880	3
1,1,2-Trichlorotrifluoroethane	0.527	0.571	0.583	0.548	0.572	0.562	0.561	3.6
1,1-Dichloroethene	0.543	0.555	0.546	0.524	0.546	0.540	0.542	1.9
Acetone	0.236	0.210	0.195	0.193	0.197	0.200	0.205	7.9
Carbon Disulfide	1.585	1.425	1.405	1.342	1.398	1.376	1.422	6
Methyl tert-butyl Ether	1.447	1.470	1.540	1.528	1.587	1.615	1.531	4.2
Methyl Acetate	0.488	0.474	0.560	0.553	0.570	0.599	0.541	9.1
Methylene Chloride	0.623	0.625	0.624	0.585	0.596	0.588	0.607	3.1
trans-1,2-Dichloroethene	0.552	0.564	0.575	0.541	0.551	0.545	0.555	2.3
1,1-Dichloroethane	1.080	1.084	1.074	1.039	1.055	1.050	1.064	1.7
Cyclohexane		0.973	0.977	0.918	0.926	0.927	0.944	3
2-Butanone	0.260	0.270	0.275	0.275	0.276	0.286	0.274	3.1
Carbon Tetrachloride	0.471	0.505	0.495	0.476	0.480	0.478	0.484	2.7
cis-1,2-Dichloroethene	0.711	0.669	0.688	0.660	0.670	0.666	0.677	2.8
Bromochloromethane	0.529	0.543	0.524	0.528	0.516	0.508	0.525	2.3
Chloroform	1.150	1.106	1.112	1.048	1.052	1.050	1.087	3.9
1,1,1-Trichloroethane	0.944	0.897	0.908	0.886	0.901	0.910	0.908	2.2
Methylcyclohexane	0.539	0.588	0.589	0.567	0.578	0.576	0.573	3.2
Benzene	1.391	1.445	1.452	1.356	1.342	1.324	1.385	3.9
1,2-Dichloroethane	0.499	0.477	0.487	0.460	0.453	0.446	0.470	4.4
Trichloroethene	0.386	0.377	0.365	0.344	0.347	0.344	0.361	5
1,2-Dichloropropane	0.364	0.340	0.362	0.346	0.345	0.342	0.350	3
Bromodichloromethane	0.538	0.508	0.535	0.510	0.508	0.507	0.518	2.9
4-Methyl-2-Pentanone	0.330	0.340	0.368	0.366	0.353	0.357	0.353	4.3
Toluene	0.855	0.894	0.906	0.841	0.831	0.823	0.858	3.9

* 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.

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Instrument ID: MSVOA_X Calibration Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:11 14:31

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

LAB FILE ID: RRF001 = VX046860.D RRF005 = VX046861.D RRF020 = VX046862.D
RRF050 = VX046863.D RRF100 = VX046864.D RRF150 = VX046865.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.408	0.431	0.467	0.472	0.490	0.504	0.462	7.8
cis-1,3-Dichloropropene	0.496	0.499	0.532	0.533	0.549	0.554	0.527	4.7
1,1,2-Trichloroethane	0.325	0.329	0.328	0.318	0.310	0.308	0.320	2.8
2-Hexanone	0.205	0.227	0.245	0.247	0.238	0.242	0.234	6.8
Dibromochloromethane	0.383	0.390	0.393	0.377	0.376	0.377	0.383	1.9
1,2-Dibromoethane	0.323	0.317	0.332	0.320	0.317	0.317	0.321	1.8
Tetrachloroethene	0.353	0.346	0.345	0.315	0.320	0.318	0.333	5.1
Chlorobenzene	1.111	1.117	1.113	1.049	1.051	1.045	1.081	3.3
Ethyl Benzene	1.810	1.868	1.929	1.830	1.846	1.824	1.851	2.3
m/p-Xylenes	0.702	0.710	0.731	0.688	0.683	0.672	0.698	3.1
o-Xylene	0.676	0.677	0.703	0.665	0.663	0.660	0.674	2.4
Styrene	1.070	1.152	1.228	1.175	1.157	1.134	1.153	4.5
Bromoform	0.269	0.261	0.273	0.269	0.275	0.275	0.270	1.9
Isopropylbenzene	3.267	3.428	3.611	3.601	3.592	3.590	3.515	4
1,1,2,2-Tetrachloroethane	1.000	0.948	0.981	0.963	0.939	0.968	0.966	2.3
1,3-Dichlorobenzene	1.615	1.664	1.673	1.627	1.625	1.619	1.637	1.5
1,4-Dichlorobenzene	1.852	1.776	1.711	1.632	1.622	1.632	1.704	5.5
1,2-Dichlorobenzene	1.626	1.592	1.625	1.568	1.560	1.550	1.587	2.1
1,2-Dibromo-3-Chloropropane	0.158	0.151	0.164	0.171	0.178	0.192	0.169	8.7
1,2,4-Trichlorobenzene	1.016	1.020	1.078	1.087	1.121	1.145	1.078	4.9
1,2,3-Trichlorobenzene	0.900	0.965	1.033	1.045	1.069	1.099	1.019	7.2
1,2-Dichloroethane-d4		0.722	0.652	0.647	0.641	0.640	0.661	5.3
Dibromofluoromethane		0.355	0.346	0.339	0.332	0.325	0.339	3.5
Toluene-d8		1.278	1.220	1.195	1.160	1.135	1.197	4.6
4-Bromofluorobenzene		0.493	0.469	0.455	0.433	0.426	0.455	6

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2503
Instrument ID: MSVOA_W
Calibration Date/Time: 07/14/2025 09:17
Lab File ID: VW031836.D
Init. Calib. Date(s): 06/30/2025 06/30/2025
Heated Purge: (Y/N) Y
Init. Calib. Time(s): 09:54 12:55
GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.341	0.280		-17.89	20
Chloromethane	0.411	0.378	0.1	-8.03	20
Vinyl Chloride	0.540	0.531		-1.67	20
Bromomethane	0.421	0.400		-4.99	20
Chloroethane	0.367	0.358		-2.45	20
Trichlorofluoromethane	0.490	0.456		-6.94	20
1,1,2-Trichlorotrifluoroethane	0.544	0.533		-2.02	20
1,1-Dichloroethene	0.596	0.589		-1.17	20
Acetone	0.177	0.145		-18.08	20
Carbon Disulfide	1.594	1.487		-6.71	20
Methyl tert-butyl Ether	1.011	1.128		11.57	20
Methyl Acetate	0.507	0.534		5.32	20
Methylene Chloride	0.814	0.750		-7.86	20
trans-1,2-Dichloroethene	0.633	0.635		0.32	20
1,1-Dichloroethane	1.156	1.213	0.1	4.93	20
Cyclohexane	1.022	0.980		-4.11	20
2-Butanone	0.231	0.228		-1.3	20
Carbon Tetrachloride	0.481	0.486		1.04	20
cis-1,2-Dichloroethene	0.728	0.791		8.65	20
Bromochloromethane	0.510	0.541		6.08	20
Chloroform	1.228	1.308		6.51	20
1,1,1-Trichloroethane	0.946	0.958		1.27	20
Methylcyclohexane	0.587	0.596		1.53	20
Benzene	1.397	1.493		6.87	20
1,2-Dichloroethane	0.472	0.504		6.78	20
Trichloroethene	0.349	0.356		2.01	20
1,2-Dichloropropane	0.338	0.370		9.47	20
Bromodichloromethane	0.511	0.557		9	20
4-Methyl-2-Pentanone	0.295	0.307		4.07	20
Toluene	0.894	0.965		7.94	20
t-1,3-Dichloropropene	0.480	0.537		11.88	20
cis-1,3-Dichloropropene	0.544	0.609		11.95	20
1,1,2-Trichloroethane	0.286	0.308		7.69	20
2-Hexanone	0.200	0.211		5.5	20
Dibromochloromethane	0.341	0.372		9.09	20
1,2-Dibromoethane	0.286	0.299		4.55	20
Tetrachloroethene	0.327	0.316		-3.36	20
Chlorobenzene	1.103	1.152	0.3	4.44	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Instrument ID: MSVOA_W Calibration Date/Time: 07/14/2025 09:17

Lab File ID: VW031836.D Init. Calib. Date(s): 06/30/2025 06/30/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 09:54 12:55

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.913	2.034		6.32	20
m/p-Xylenes	0.735	0.786		6.94	20
o-Xylene	0.681	0.751		10.28	20
Styrene	1.177	1.279		8.67	20
Bromoform	0.210	0.216	0.1	2.86	20
Isopropylbenzene	3.803	4.171		9.68	20
1,1,2,2-Tetrachloroethane	0.844	0.921	0.3	9.12	20
1,3-Dichlorobenzene	1.701	1.869		9.88	20
1,4-Dichlorobenzene	1.741	1.813		4.14	20
1,2-Dichlorobenzene	1.555	1.670		7.39	20
1,2-Dibromo-3-Chloropropane	0.165	0.166		0.61	20
1,2,4-Trichlorobenzene	0.959	0.982		2.4	20
1,2,3-Trichlorobenzene	0.881	0.953		8.17	20
1,2-Dichloroethane-d4	0.718	0.717		-0.14	20
Dibromofluoromethane	0.326	0.332		1.84	20
Toluene-d8	1.214	1.228		1.15	20
4-Bromofluorobenzene	0.447	0.466		4.25	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2503
Instrument ID: MSVOA_X
Calibration Date/Time: 07/03/2025 08:19
Lab File ID: VX046869.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.537		12.34	20
Chloromethane	0.522	0.558	0.1	6.9	20
Vinyl Chloride	0.569	0.604		6.15	20
Bromomethane	0.366	0.389		6.28	20
Chloroethane	0.376	0.375		-0.27	20
Trichlorofluoromethane	0.880	0.928		5.45	20
1,1,2-Trichlorotrifluoroethane	0.561	0.587		4.64	20
1,1-Dichloroethene	0.542	0.555		2.4	20
Acetone	0.205	0.211		2.93	20
Carbon Disulfide	1.422	1.427		0.35	20
Methyl tert-butyl Ether	1.531	1.544		0.85	20
Methyl Acetate	0.541	0.539		-0.37	20
Methylene Chloride	0.607	0.613		0.99	20
trans-1,2-Dichloroethene	0.555	0.565		1.8	20
1,1-Dichloroethane	1.064	1.066	0.1	0.19	20
Cyclohexane	0.944	0.920		-2.54	20
2-Butanone	0.274	0.255		-6.93	20
Carbon Tetrachloride	0.484	0.485		0.21	20
cis-1,2-Dichloroethene	0.677	0.672		-0.74	20
Bromochloromethane	0.525	0.520		-0.95	20
Chloroform	1.087	1.054		-3.04	20
1,1,1-Trichloroethane	0.908	0.890		-1.98	20
Methylcyclohexane	0.573	0.568		-0.87	20
Benzene	1.385	1.373		-0.87	20
1,2-Dichloroethane	0.470	0.464		-1.28	20
Trichloroethene	0.361	0.350		-3.05	20
1,2-Dichloropropane	0.350	0.343		-2	20
Bromodichloromethane	0.518	0.510		-1.54	20
4-Methyl-2-Pentanone	0.353	0.332		-5.95	20
Toluene	0.858	0.841		-1.98	20
t-1,3-Dichloropropene	0.462	0.460		-0.43	20
cis-1,3-Dichloropropene	0.527	0.530		0.57	20
1,1,2-Trichloroethane	0.320	0.308		-3.75	20
2-Hexanone	0.234	0.224		-4.27	20
Dibromochloromethane	0.383	0.374		-2.35	20
1,2-Dibromoethane	0.321	0.309		-3.74	20
Tetrachloroethene	0.333	0.324		-2.7	20
Chlorobenzene	1.081	1.046	0.3	-3.24	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2503
Instrument ID: MSVOA_X
Calibration Date/Time: 07/03/2025 08:19
Lab File ID: VX046869.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.835		-0.86	20
m/p-Xylenes	0.698	0.690		-1.15	20
o-Xylene	0.674	0.666		-1.19	20
Styrene	1.153	1.148		-0.43	20
Bromoform	0.270	0.264	0.1	-2.22	20
Isopropylbenzene	3.515	3.558		1.22	20
1,1,2,2-Tetrachloroethane	0.966	0.901	0.3	-6.73	20
1,3-Dichlorobenzene	1.637	1.599		-2.32	20
1,4-Dichlorobenzene	1.704	1.592		-6.57	20
1,2-Dichlorobenzene	1.587	1.508		-4.98	20
1,2-Dibromo-3-Chloropropane	0.169	0.156		-7.69	20
1,2,4-Trichlorobenzene	1.078	1.054		-2.23	20
1,2,3-Trichlorobenzene	1.019	0.991		-2.75	20
1,2-Dichloroethane-d4	0.661	0.644		-2.57	20
Dibromofluoromethane	0.339	0.351		3.54	20
Toluene-d8	1.197	1.191		-0.5	20
4-Bromofluorobenzene	0.455	0.447		-1.76	20

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

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance
Contract: GENV01
Lab Code: ACE
SDG No.: Q2503
Instrument ID: MSVOA_X
Calibration Date/Time: 07/15/2025 10:18
Lab File ID: VX046988.D
Init. Calib. Date(s): 07/02/2025 07/02/2025
Heated Purge: (Y/N) N
Init. Calib. Time(s): 12:11 14:31
GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.478	0.457		-4.39	20
Chloromethane	0.522	0.484	0.1	-7.28	20
Vinyl Chloride	0.569	0.540		-5.1	20
Bromomethane	0.366	0.346		-5.46	20
Chloroethane	0.376	0.358		-4.79	20
Trichlorofluoromethane	0.880	0.905		2.84	20
1,1,2-Trichlorotrifluoroethane	0.561	0.585		4.28	20
1,1-Dichloroethene	0.542	0.545		0.55	20
Acetone	0.205	0.242		18.05	20
Carbon Disulfide	1.422	1.192		-16.17	20
Methyl tert-butyl Ether	1.531	1.922		25.54	20
Methyl Acetate	0.541	0.836		54.53	20
Methylene Chloride	0.607	0.637		4.94	20
trans-1,2-Dichloroethene	0.555	0.563		1.44	20
1,1-Dichloroethane	1.064	1.145	0.1	7.61	20
Cyclohexane	0.944	0.923		-2.22	20
2-Butanone	0.274	0.372		35.77	20
Carbon Tetrachloride	0.484	0.508		4.96	20
cis-1,2-Dichloroethene	0.677	0.722		6.65	20
Bromochloromethane	0.525	0.546		4	20
Chloroform	1.087	1.183		8.83	20
1,1,1-Trichloroethane	0.908	0.989		8.92	20
Methylcyclohexane	0.573	0.552		-3.66	20
Benzene	1.385	1.417		2.31	20
1,2-Dichloroethane	0.470	0.511		8.72	20
Trichloroethene	0.361	0.358		-0.83	20
1,2-Dichloropropane	0.350	0.374		6.86	20
Bromodichloromethane	0.518	0.557		7.53	20
4-Methyl-2-Pentanone	0.353	0.470		33.14	20
Toluene	0.858	0.884		3.03	20
t-1,3-Dichloropropene	0.462	0.537		16.23	20
cis-1,3-Dichloropropene	0.527	0.596		13.09	20
1,1,2-Trichloroethane	0.320	0.355		10.94	20
2-Hexanone	0.234	0.325		38.89	20
Dibromochloromethane	0.383	0.420		9.66	20
1,2-Dibromoethane	0.321	0.356		10.9	20
Tetrachloroethene	0.333	0.318		-4.51	20
Chlorobenzene	1.081	1.126	0.3	4.16	20

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

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

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2503

Instrument ID: MSVOA_X Calibration Date/Time: 07/15/2025 10:18

Lab File ID: VX046988.D Init. Calib. Date(s): 07/02/2025 07/02/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:11 14:31

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

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.851	1.966		6.21	20
m/p-Xylenes	0.698	0.733		5.01	20
o-Xylene	0.674	0.717		6.38	20
Styrene	1.153	1.250		8.41	20
Bromoform	0.270	0.304	0.1	12.59	20
Isopropylbenzene	3.515	3.870		10.1	20
1,1,2,2-Tetrachloroethane	0.966	1.147	0.3	18.74	20
1,3-Dichlorobenzene	1.637	1.748		6.78	20
1,4-Dichlorobenzene	1.704	1.748		2.58	20
1,2-Dichlorobenzene	1.587	1.685		6.18	20
1,2-Dibromo-3-Chloropropane	0.169	0.226		33.73	20
1,2,4-Trichlorobenzene	1.078	1.174		8.9	20
1,2,3-Trichlorobenzene	1.019	1.128		10.7	20
1,2-Dichloroethane-d4	0.661	0.719		8.77	20
Dibromofluoromethane	0.339	0.359		5.9	20
Toluene-d8	1.197	1.212		1.25	20
4-Bromofluorobenzene	0.455	0.485		6.59	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\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Time: Jul 04 01:32:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

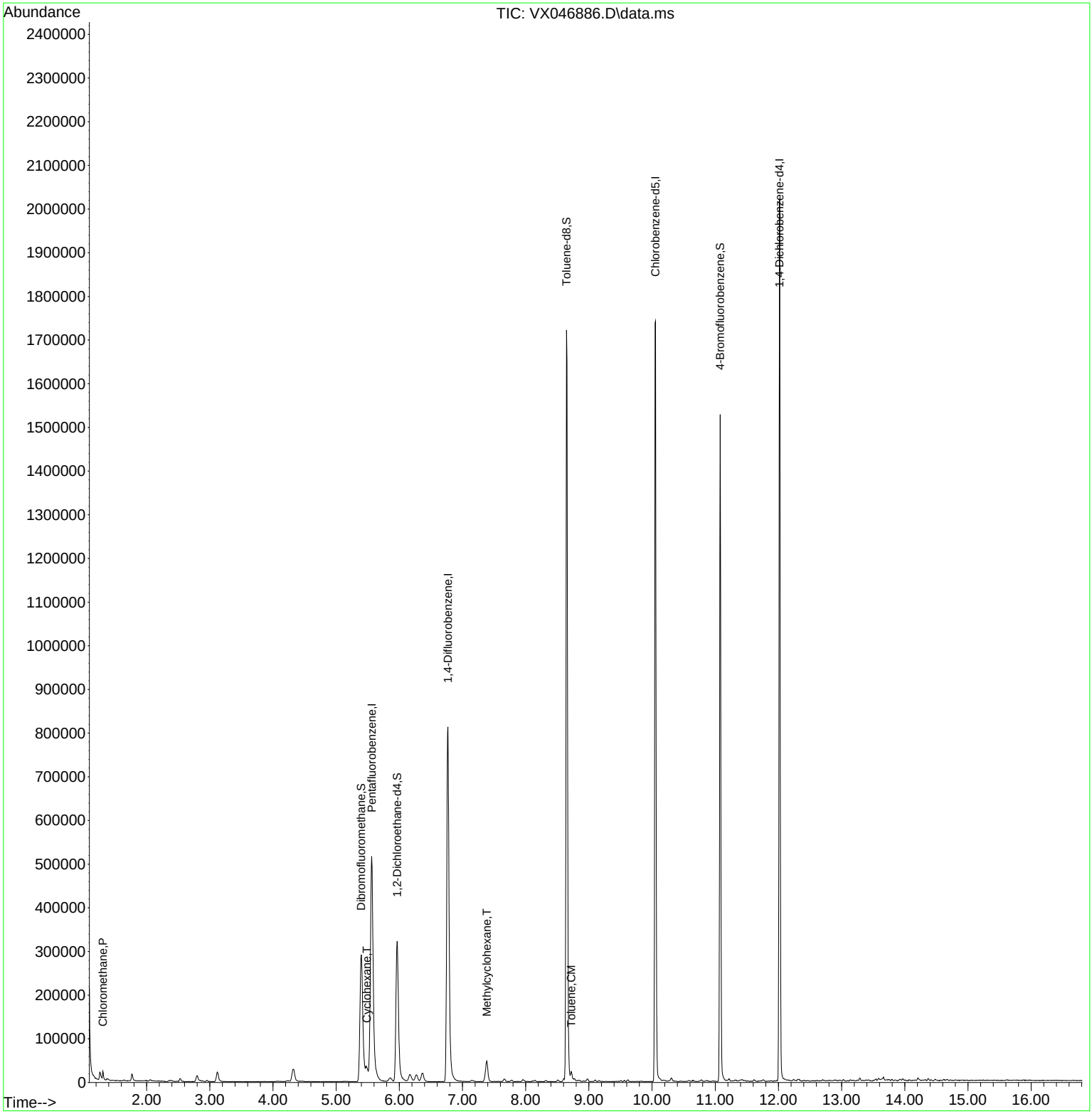
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	529972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	893199	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	813566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	408234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	335135	47.867	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.740%			
35) Dibromofluoromethane	5.397	113	285078	47.019	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.040%			
50) Toluene-d8	8.647	98	1067887	49.920	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.840%			
62) 4-Bromofluorobenzene	11.079	95	407032	50.065	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.120%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	13721	2.478	ug/l	96
31) Cyclohexane	5.483	56	18536	1.852	ug/l	99
39) Methylcyclohexane	7.385	83	20561	2.009	ug/l	99
52) Toluene	8.720	92	7353	0.480	ug/l	95

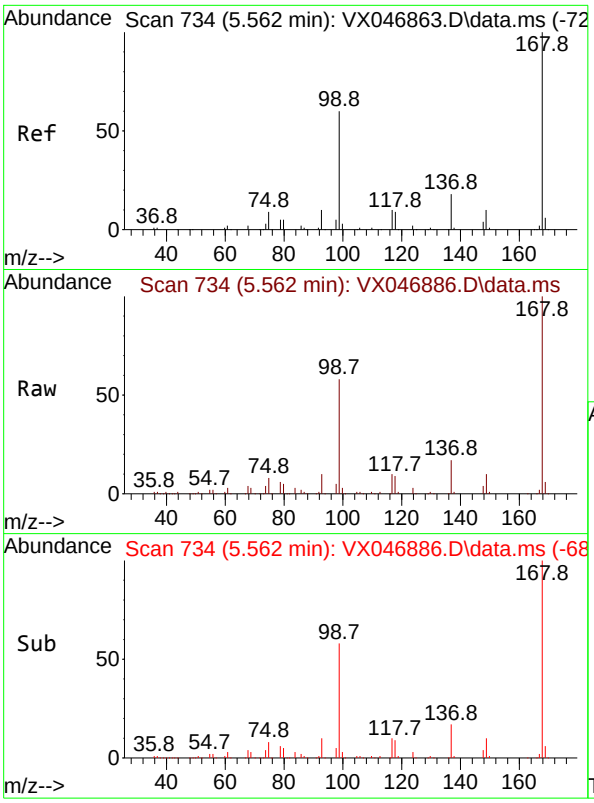
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Time: Jul 04 01:32:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



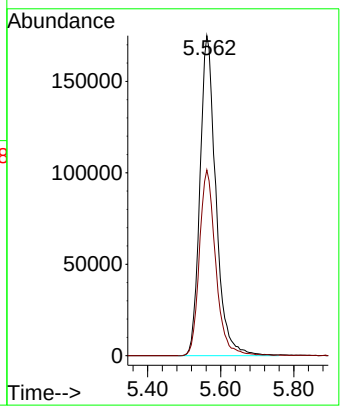


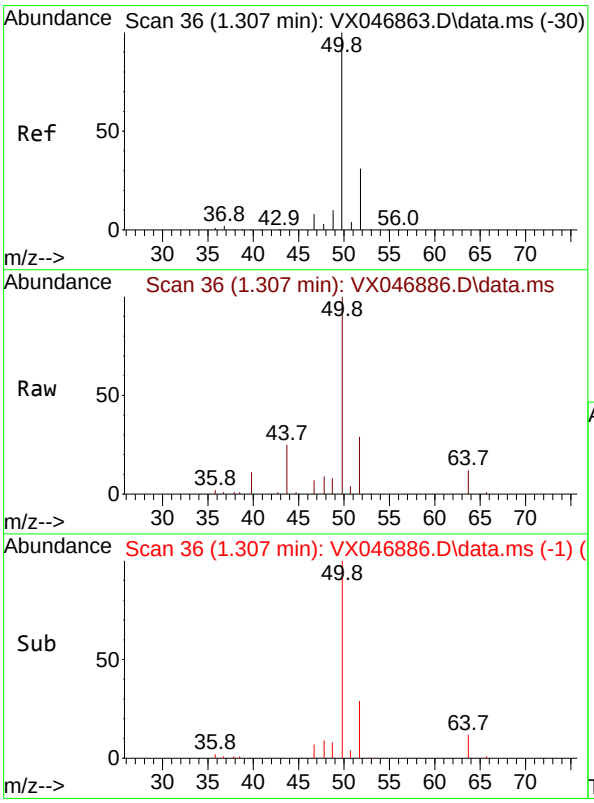
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion:168 Resp: 529972

Ion	Ratio	Lower	Upper
168	100		
99	58.1	48.8	73.2

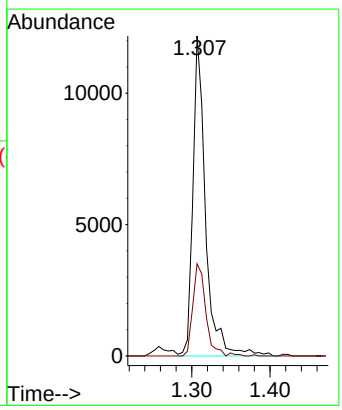


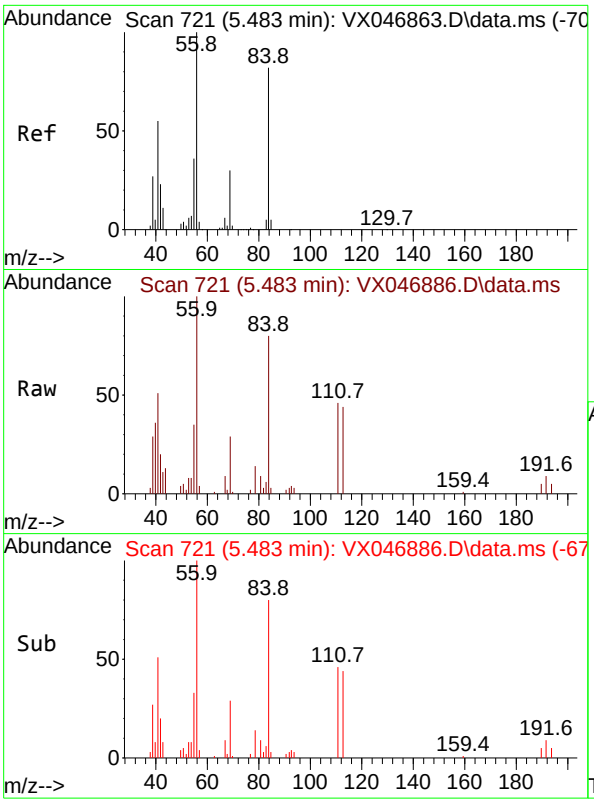


#3
Chloromethane
Concen: 2.478 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 50 Resp: 13721

Ion	Ratio	Lower	Upper
50	100		
52	28.8	25.0	37.4



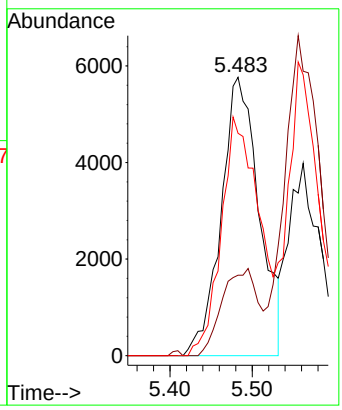


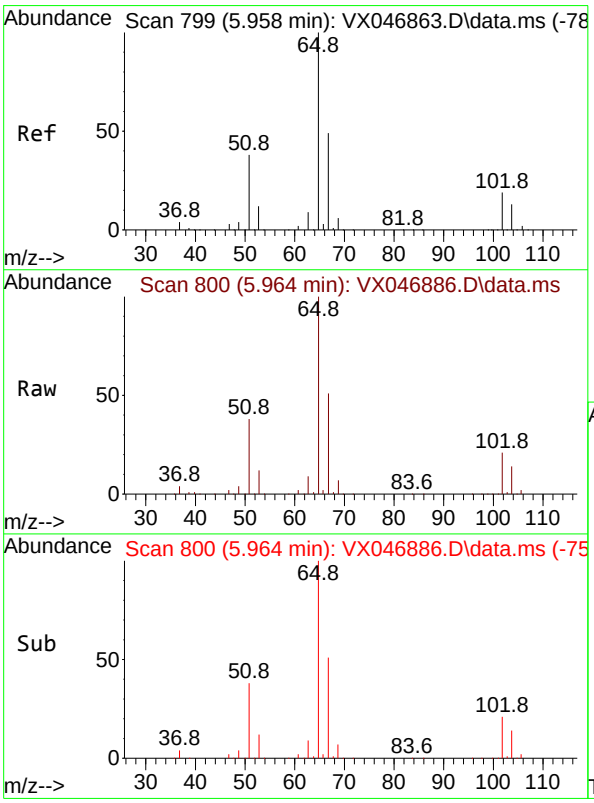
#31
Cyclohexane
Concen: 1.852 ug/l
RT: 5.483 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion: 56 Resp: 18536

Ion	Ratio	Lower	Upper
56	100		
69	27.2	24.0	36.0
84	83.0	66.5	99.7

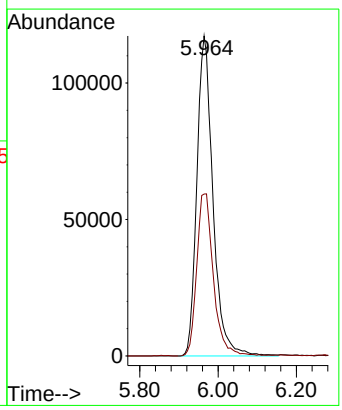


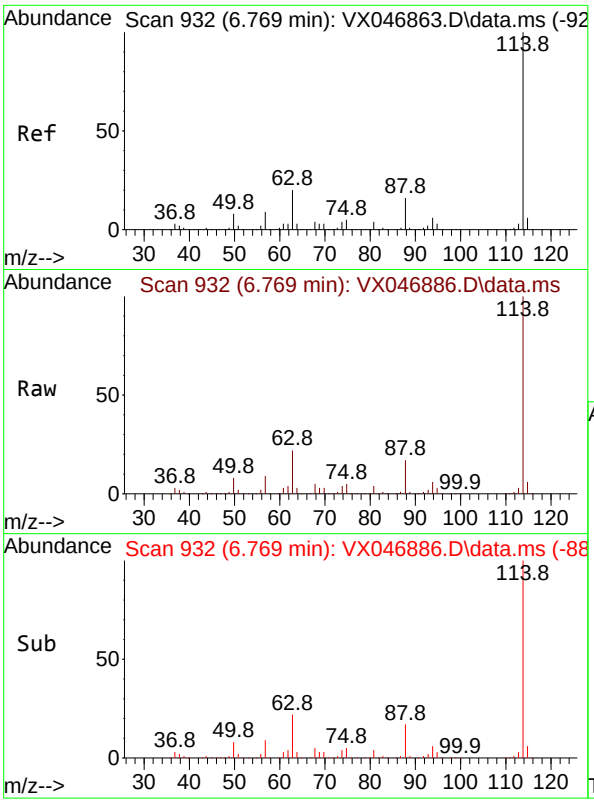


#33
1,2-Dichloroethane-d4
Concen: 47.867 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 65 Resp: 335135

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.2



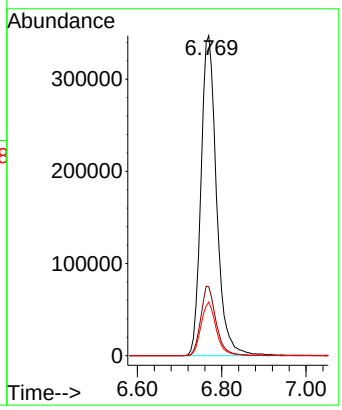


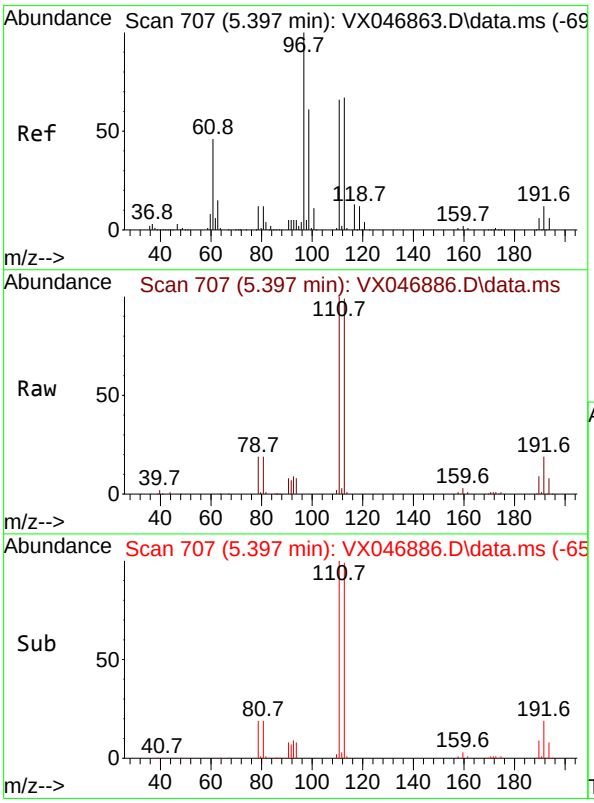
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion:114 Resp: 893199

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	40.4
88	16.7	0.0	31.0

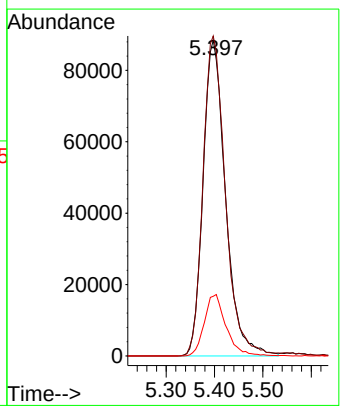


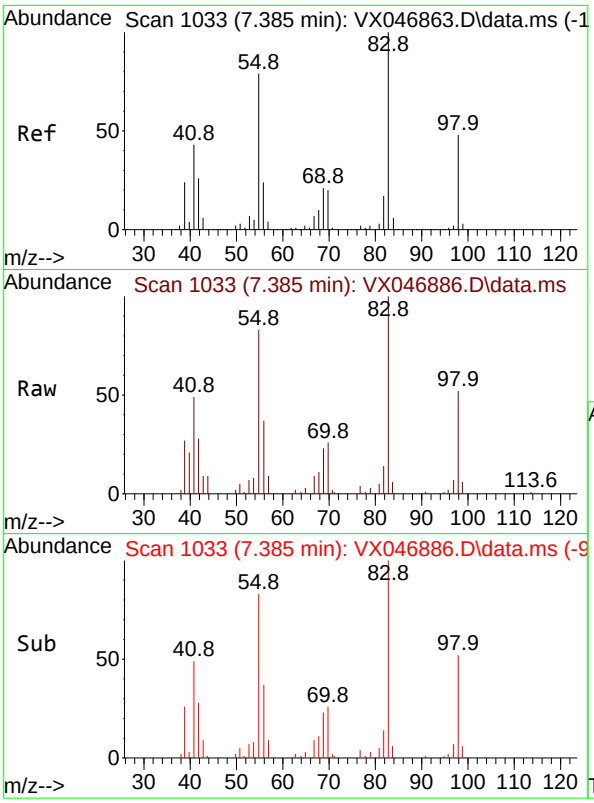


#35
Dibromofluoromethane
Concen: 47.019 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion:113 Resp: 285078

Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.2	121.8
192	18.9	15.3	22.9



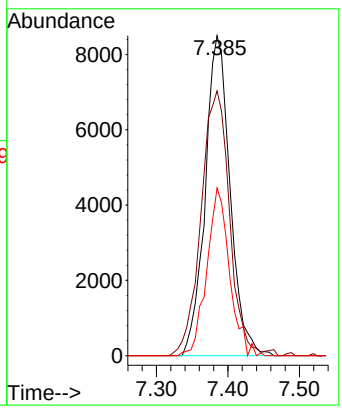


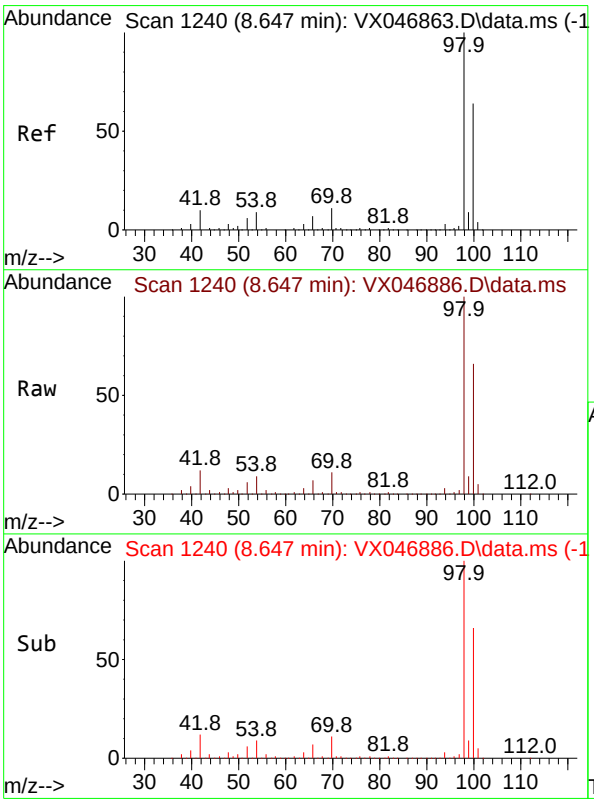
#39
Methylcyclohexane
Concen: 2.009 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion: 83 Resp: 20561

Ion	Ratio	Lower	Upper
83	100		
55	78.1	63.0	94.4
98	49.4	38.5	57.7

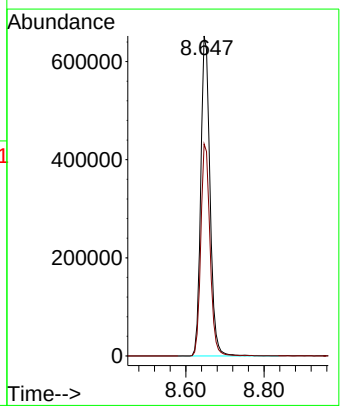


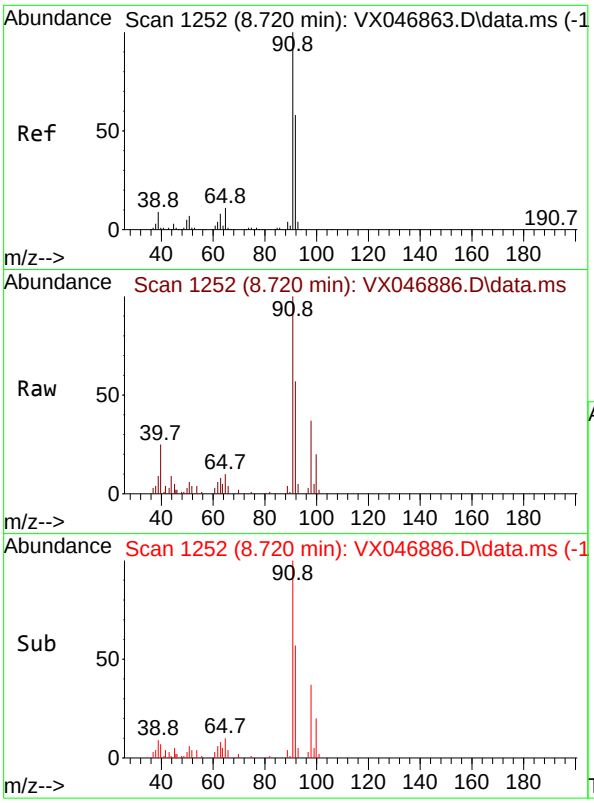


#50
Toluene-d8
Concen: 49.920 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 98 Resp: 1067887

Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6



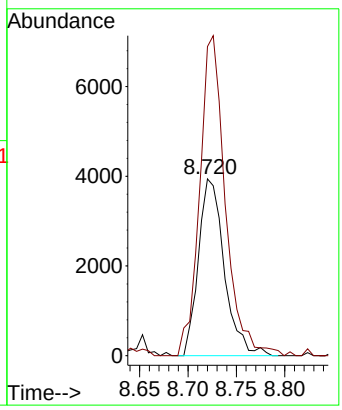


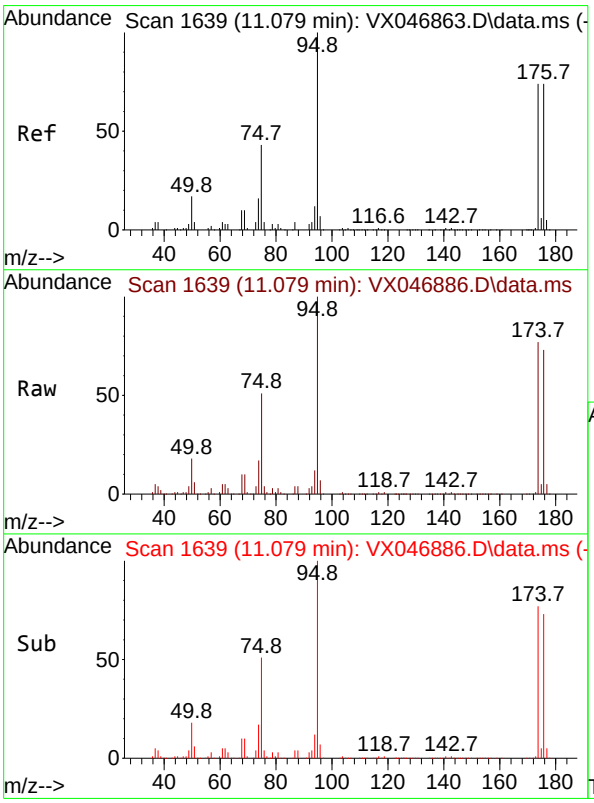
#52
Toluene
Concen: 0.480 ug/l
RT: 8.720 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion: 92 Resp: 7353

Ion	Ratio	Lower	Upper
92	100		
91	179.5	137.9	206.9

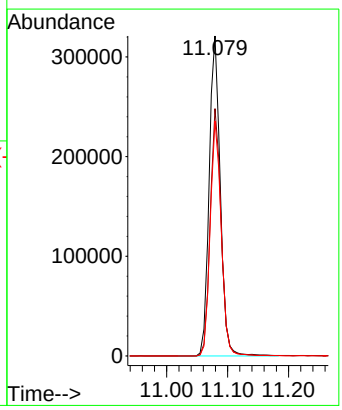


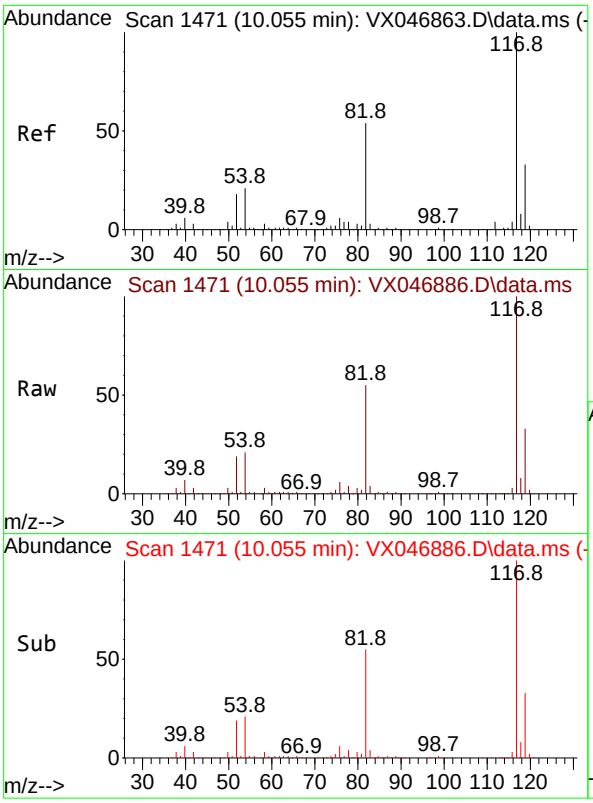


#62
4-Bromofluorobenzene
Concen: 50.065 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion: 95 Resp: 407032

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	152.0
176	72.8	0.0	145.2



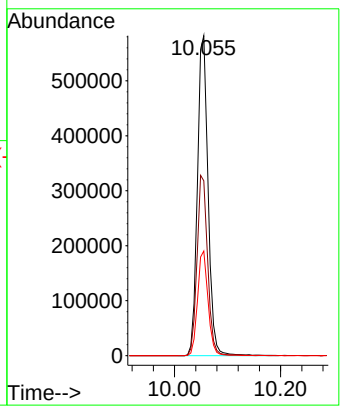


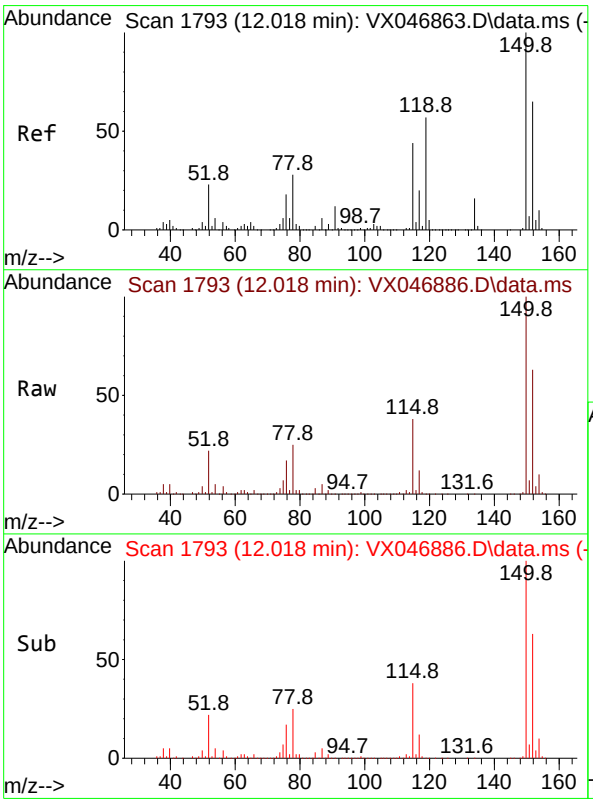
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Tgt Ion:117 Resp: 813566

Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.3	64.9
119	32.7	26.4	39.6

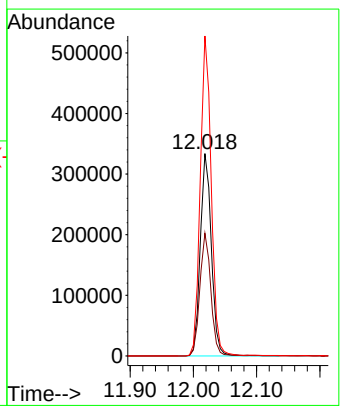




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046886.D
Acq: 03 Jul 2025 14:37

Tgt Ion:152 Resp: 408234

Ion	Ratio	Lower	Upper
152	100		
115	60.1	42.4	127.1
150	156.3	0.0	349.2



LSC Area Percent Report

Sample Results: **VX046886.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

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\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046886.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.258	25	28	34	rBV	17094	28913	1.03%	0.183%
2	2.800	272	281	293	rBV2	13645	38344	1.37%	0.243%
3	3.117	324	333	344	rBV3	22014	55380	1.97%	0.351%
4	4.318	521	530	543	rVB5	27643	85945	3.06%	0.545%
5	5.397	696	707	717	rBV2	290178	915437	32.64%	5.807%
6	5.562	725	734	764	rVB	514507	1605732	57.25%	10.185%
7	5.964	790	800	825	rVV	320868	931324	33.21%	5.907%
8	6.166	825	833	842	rVV5	16108	52159	1.86%	0.331%
9	6.269	843	850	858	rVV4	15439	47746	1.70%	0.303%
10	6.361	858	865	880	rVB7	18772	59339	2.12%	0.376%
11	6.769	922	932	955	rBV	811997	2087158	74.42%	13.239%
12	7.385	1023	1033	1044	rBV4	46971	126487	4.51%	0.802%
13	8.647	1234	1240	1249	rBV	1715493	2804696	100.00%	17.790%
14	8.720	1249	1252	1258	rVB	17506	28552	1.02%	0.181%
15	10.055	1465	1471	1488	rBV	1740730	2487169	88.68%	15.776%
16	11.079	1634	1639	1655	rBV	1526833	1932563	68.90%	12.258%
17	12.018	1788	1793	1812	rBV	2019519	2478209	88.36%	15.720%

Sum of corrected areas: 15765153

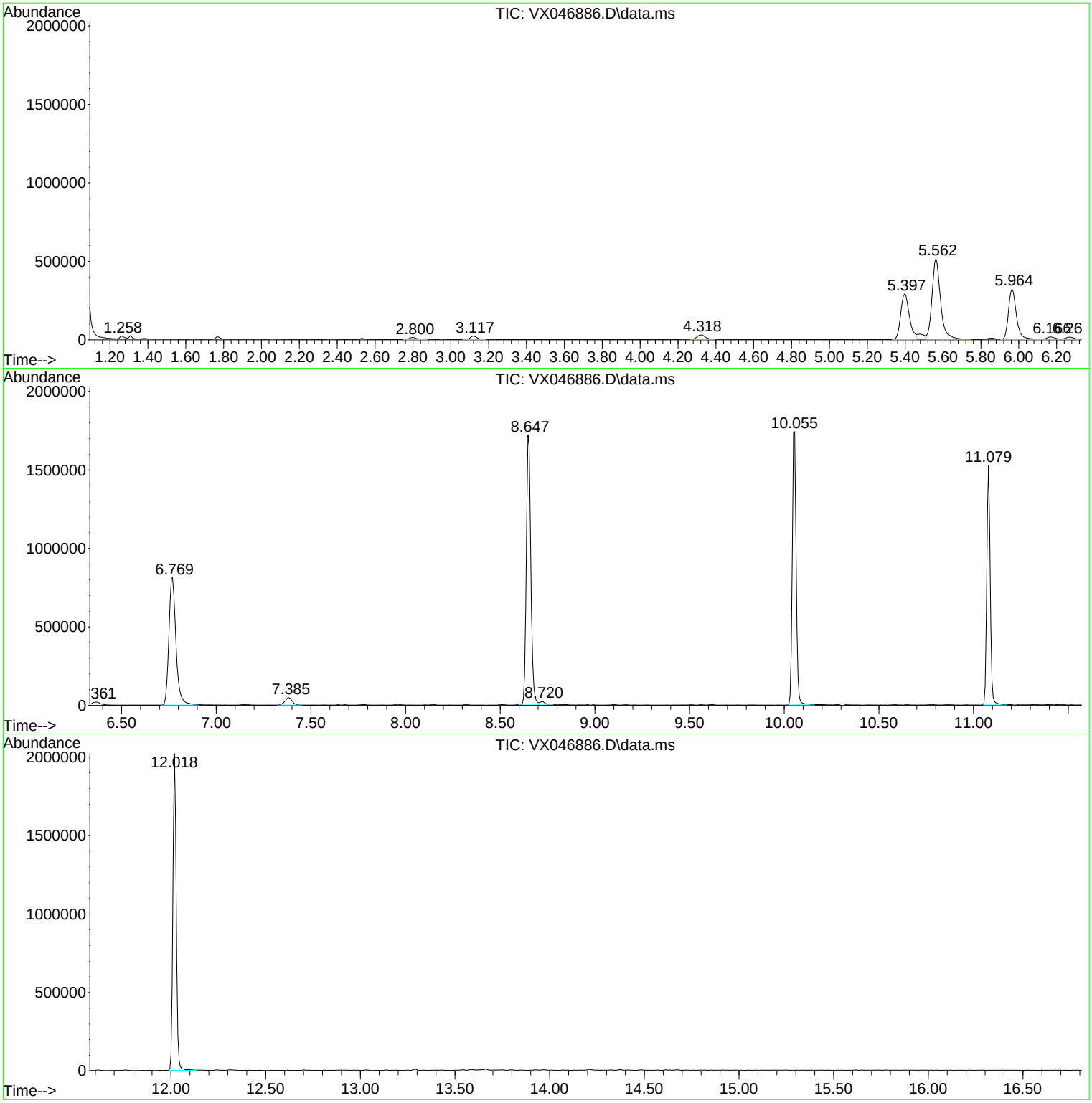
Sample Results: **VX046886.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Library Search Compound Report

Sample Results: **VX046886.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046886.D
Acq On : 03 Jul 2025 14:37
Operator : JC/MD
Sample : Q2503-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Time: Jul 04 01:33:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

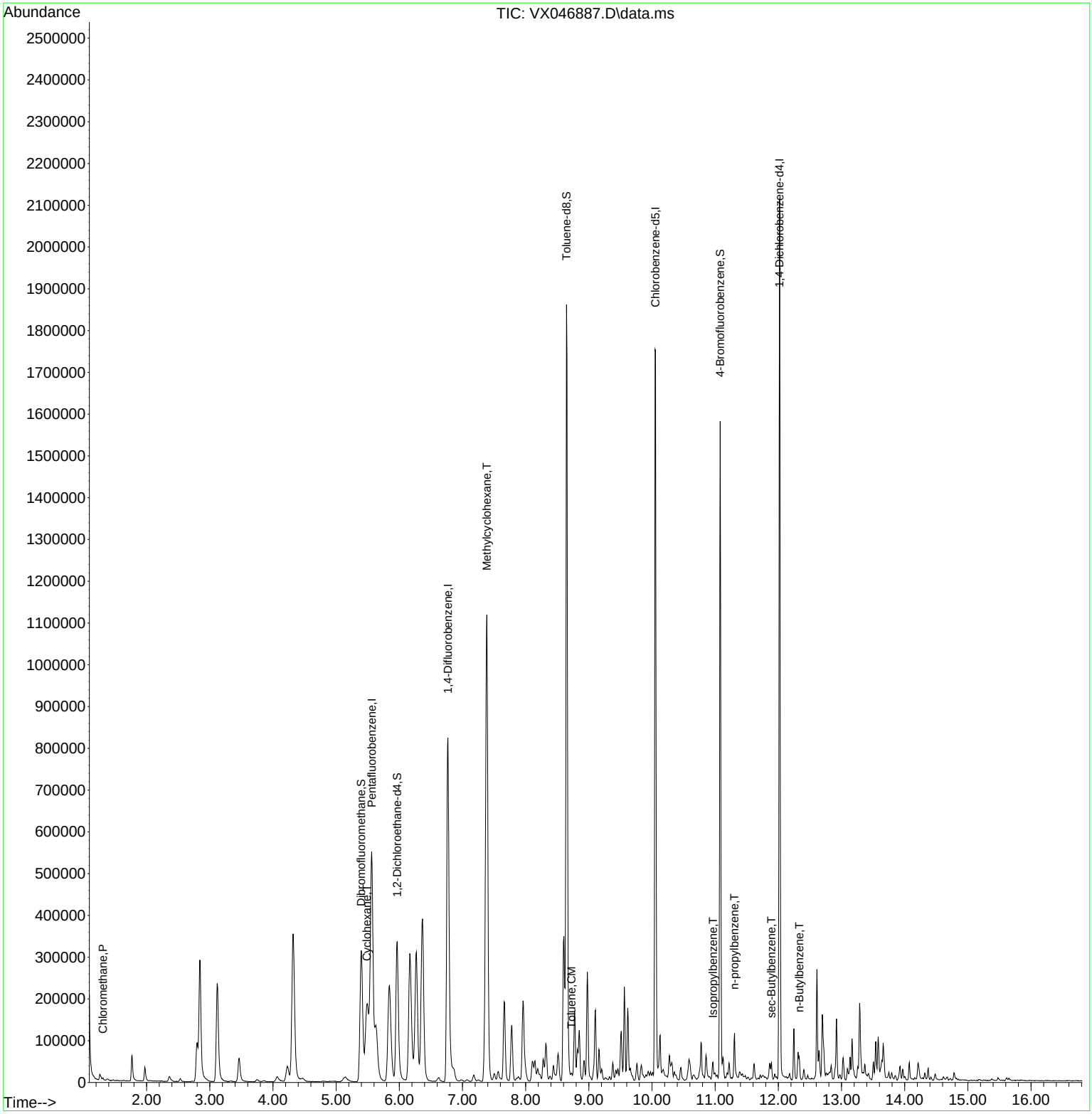
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	551922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	910736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	827841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	418170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	348246	47.761	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.520%			
35) Dibromofluoromethane	5.397	113	298561	48.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.580%			
50) Toluene-d8	8.647	98	1074386	49.257	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.520%			
62) 4-Bromofluorobenzene	11.079	95	424937	51.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.520%			
Target Compounds						Qvalue
3) Chloromethane	1.307	50	2895	0.502	ug/l	97
31) Cyclohexane	5.483	56	146832	14.088	ug/l	97
39) Methylcyclohexane	7.385	83	510352	48.913	ug/l	97
52) Toluene	8.726	92	5856	0.375	ug/l	95
73) Isopropylbenzene	10.964	105	21739	0.740	ug/l	100
78) n-propylbenzene	11.305	91	69597	1.963	ug/l	99
85) sec-Butylbenzene	11.890	105	18826	0.605	ug/l	95
89) n-Butylbenzene	12.329	91	23191	0.948	ug/l	93

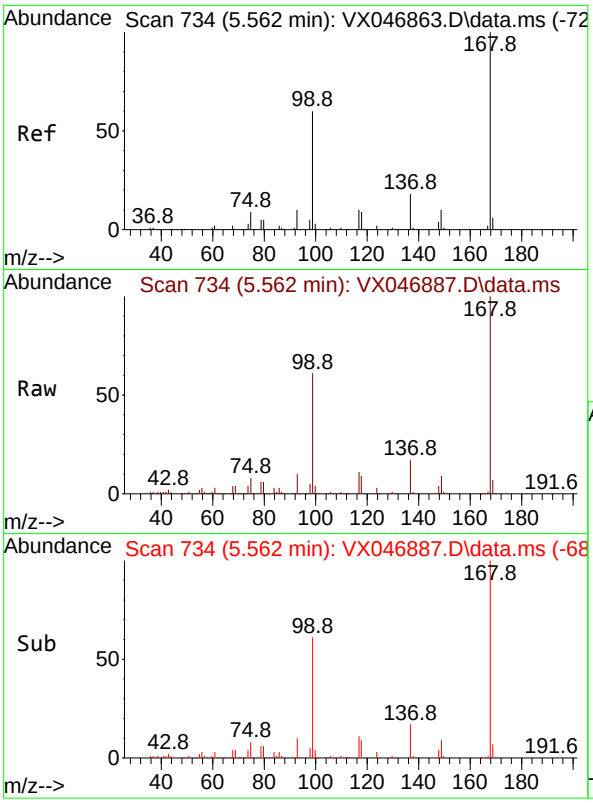
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Time: Jul 04 01:33:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



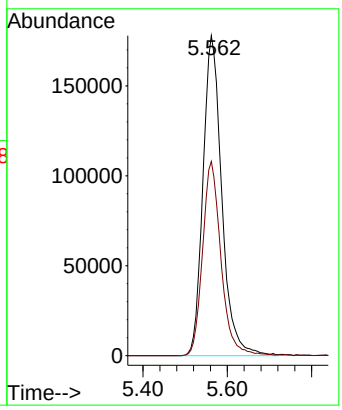


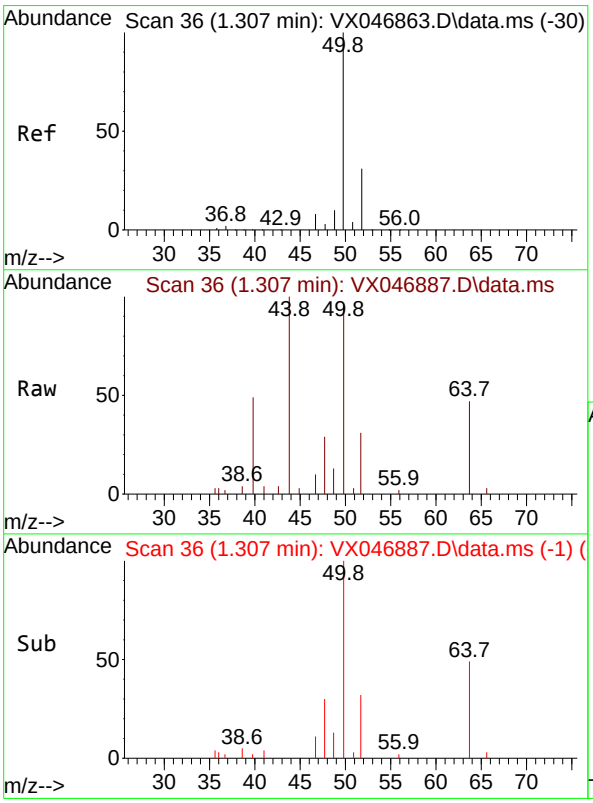
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:168 Resp: 551922

Ion	Ratio	Lower	Upper
168	100		
99	60.7	48.8	73.2

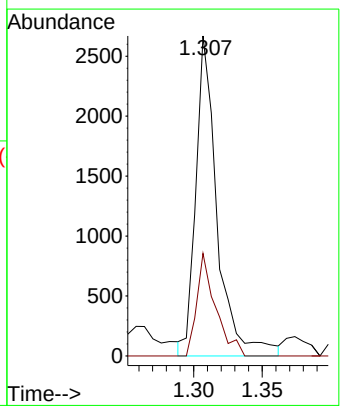


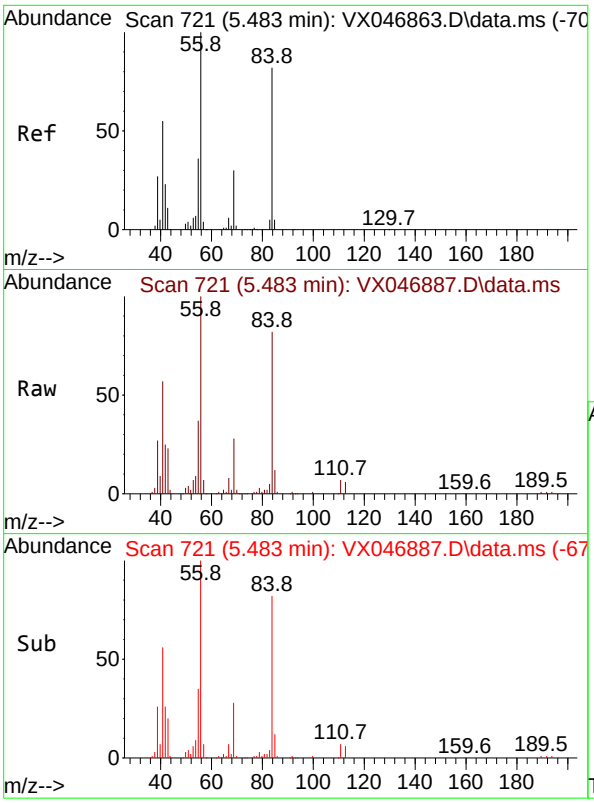


#3
Chloromethane
Concen: 0.502 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 50 Resp: 2895

Ion	Ratio	Lower	Upper
50	100		
52	33.1	25.0	37.4



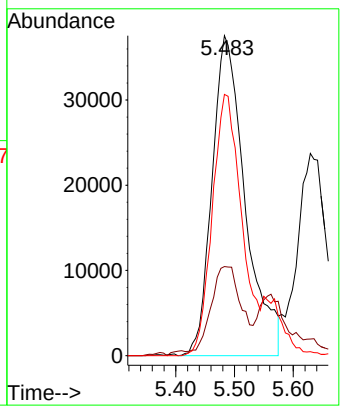


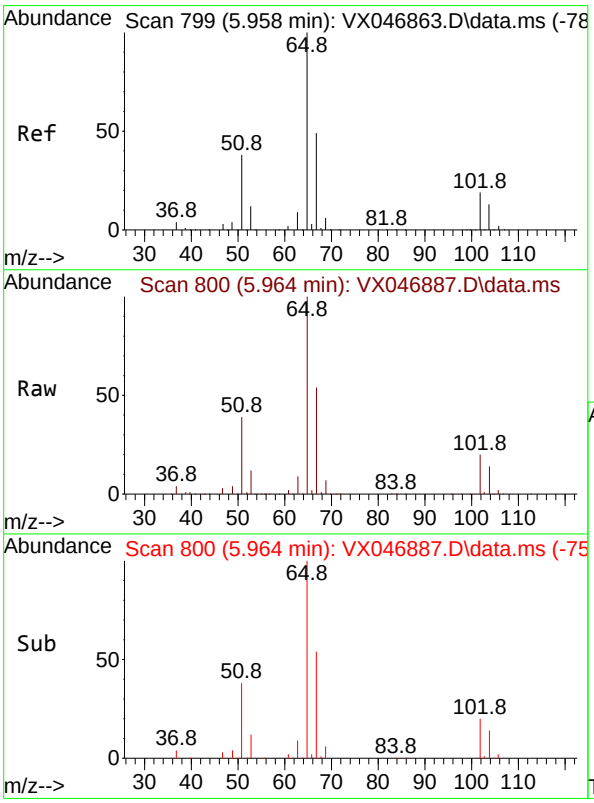
#31
Cyclohexane
Concen: 14.088 ug/l
RT: 5.483 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion: 56 Resp: 146832

Ion	Ratio	Lower	Upper
56	100		
69	26.4	24.0	36.0
84	81.6	66.5	99.7

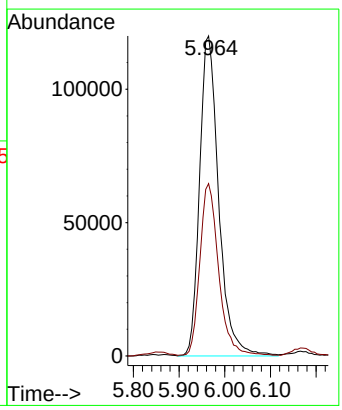


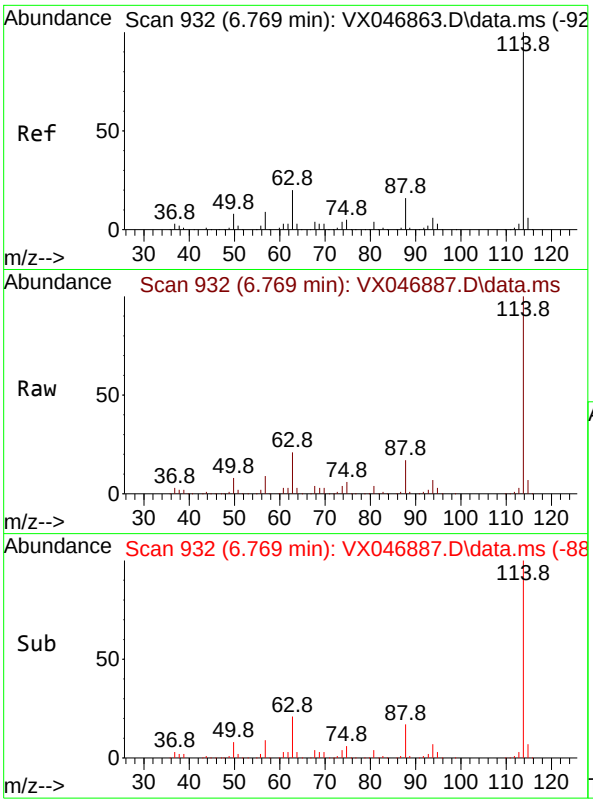


#33
1,2-Dichloroethane-d4
Concen: 47.761 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 65 Resp: 348246

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	105.2



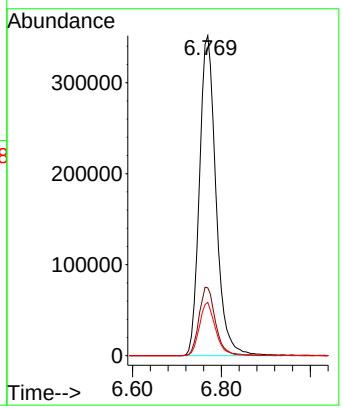


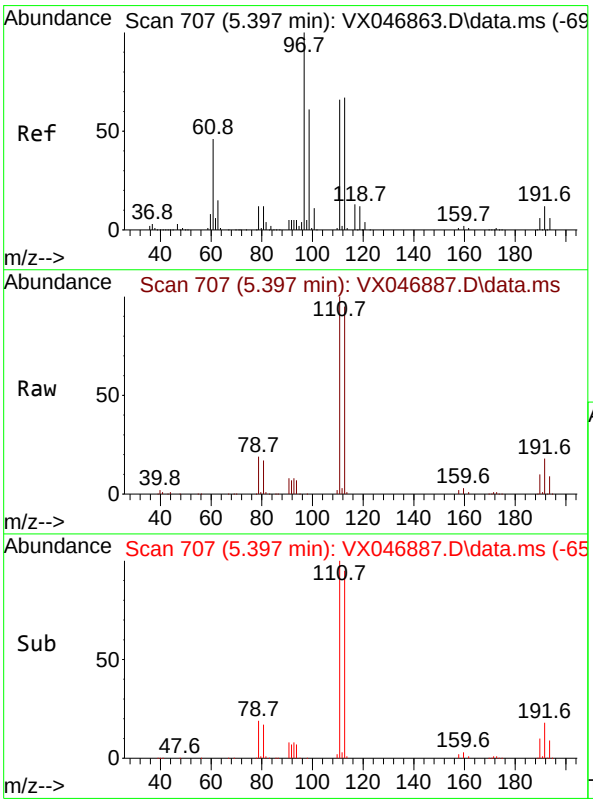
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:114 Resp: 910736

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	40.4
88	16.6	0.0	31.0

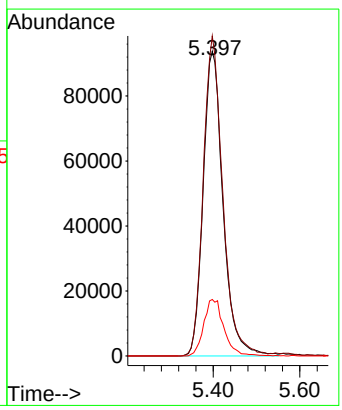


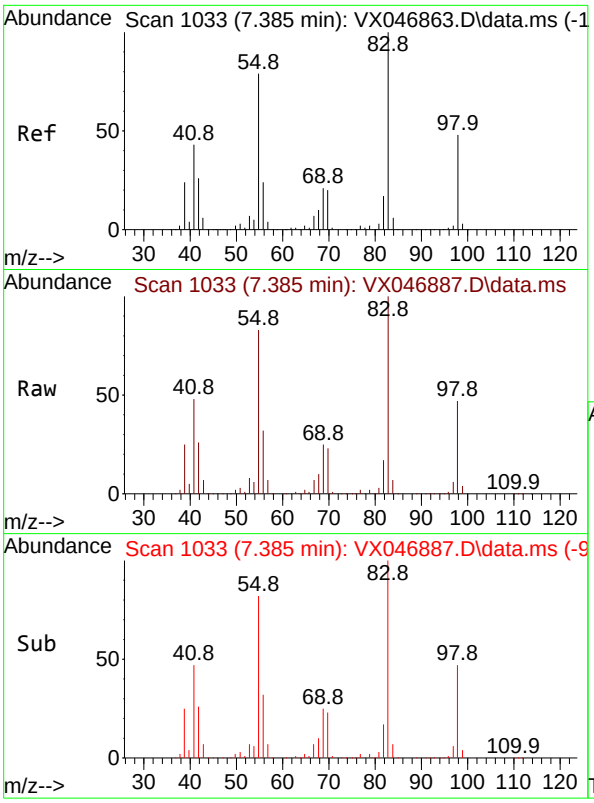


#35
Dibromofluoromethane
Concen: 48.294 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion:113 Resp: 298561

Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.2	121.8
192	18.9	15.3	22.9



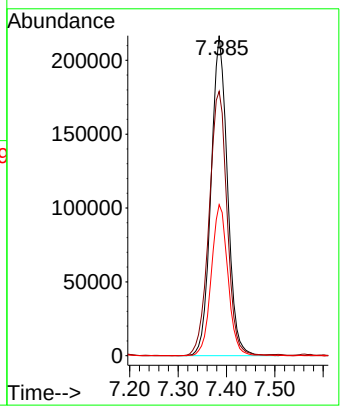


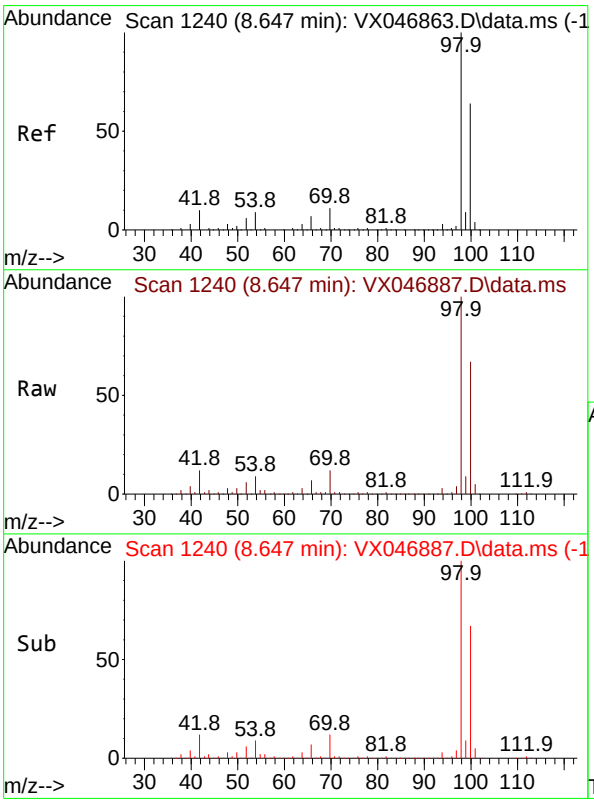
#39
Methylcyclohexane
Concen: 48.913 ug/l
RT: 7.385 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion: 83 Resp: 510352

Ion	Ratio	Lower	Upper
83	100		
55	82.6	63.0	94.4
98	47.2	38.5	57.7

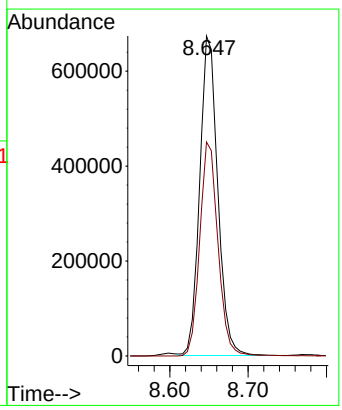


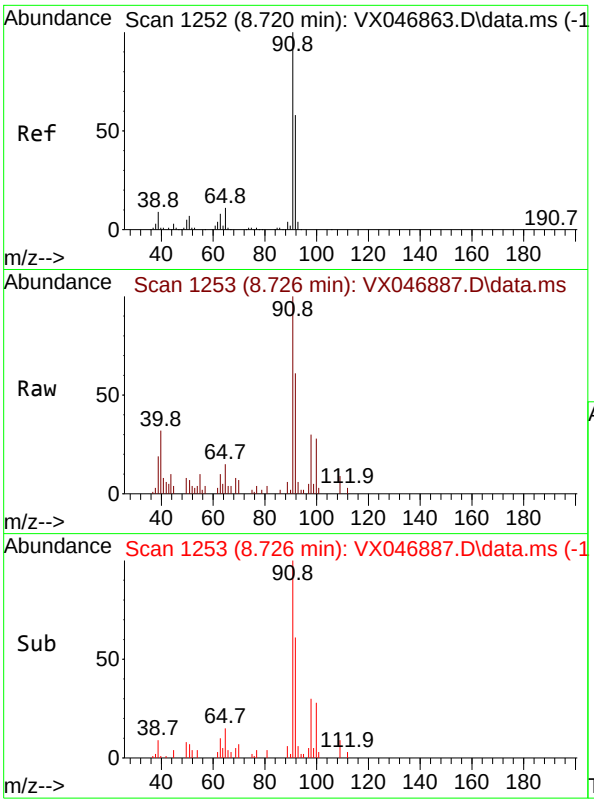


#50
Toluene-d8
Concen: 49.257 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 98 Resp: 1074386

Ion	Ratio	Lower	Upper
98	100		
100	67.8	53.0	79.6



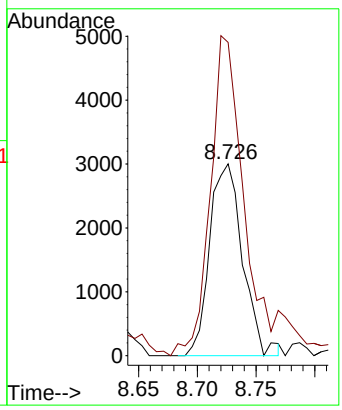


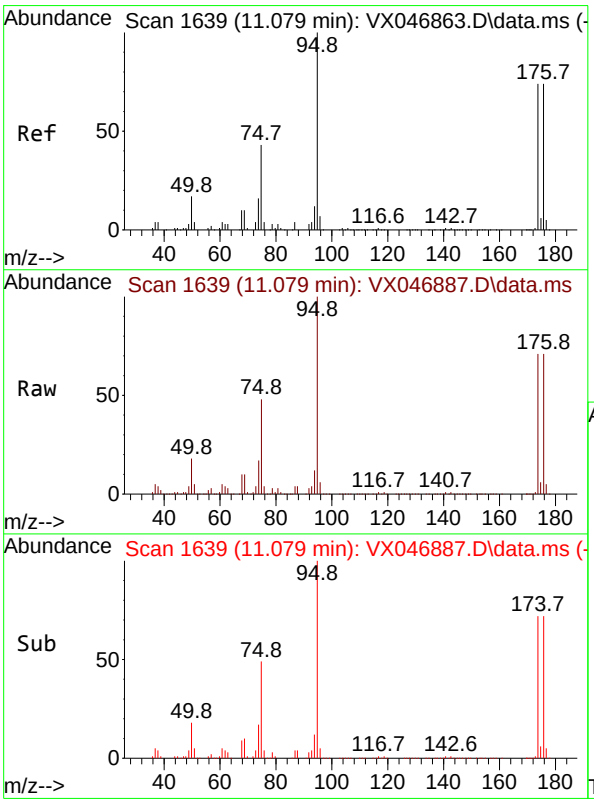
#52
Toluene
Concen: 0.375 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion: 92 Resp: 5856

Ion	Ratio	Lower	Upper
92	100		
91	164.9	137.9	206.9

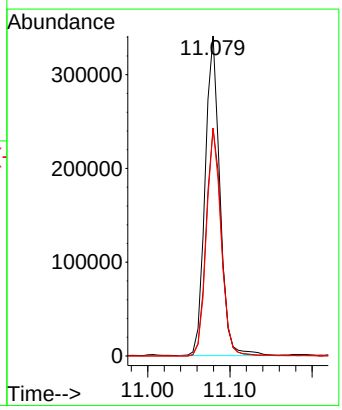


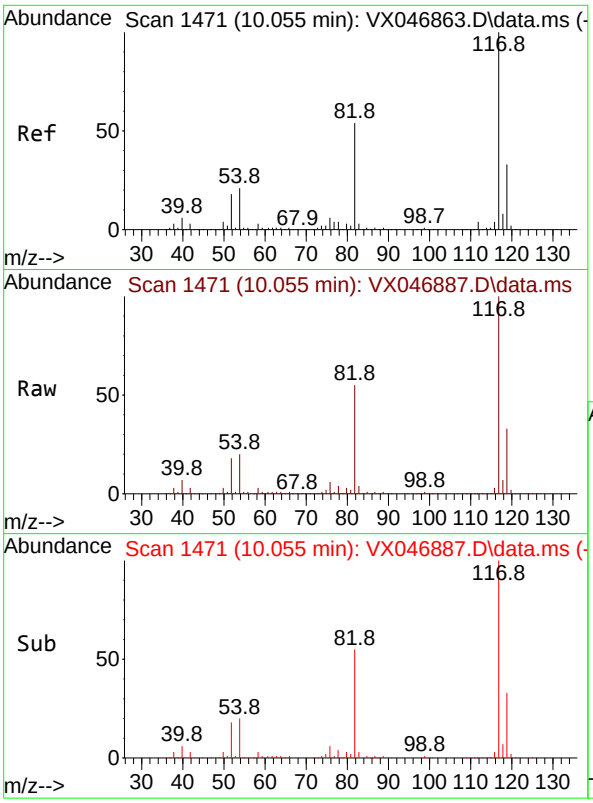


#62
4-Bromofluorobenzene
Concen: 51.261 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 95 Resp: 424937

Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	152.0
176	70.6	0.0	145.2



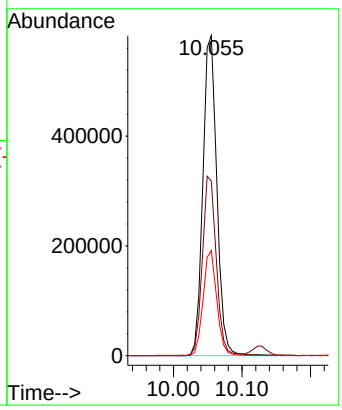


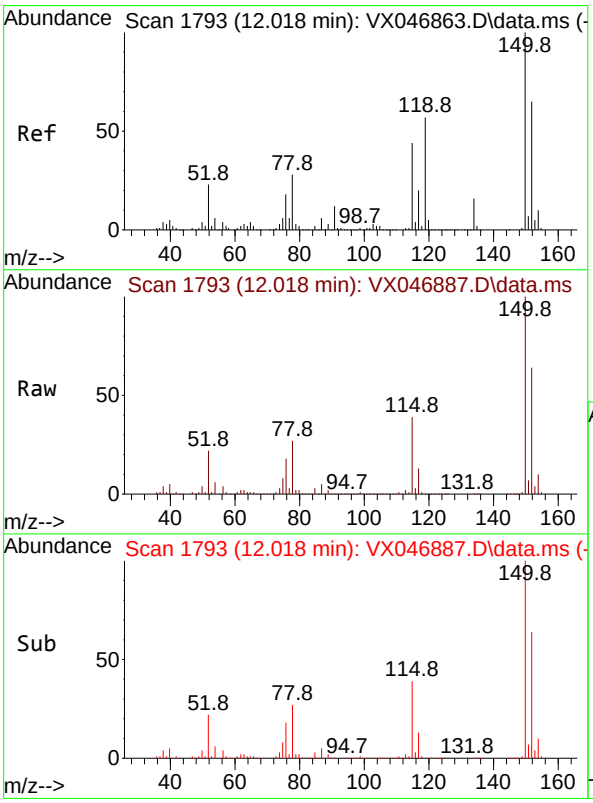
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:117 Resp: 827841

Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.3	64.9
119	32.9	26.4	39.6

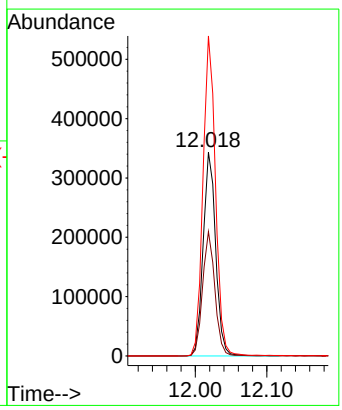


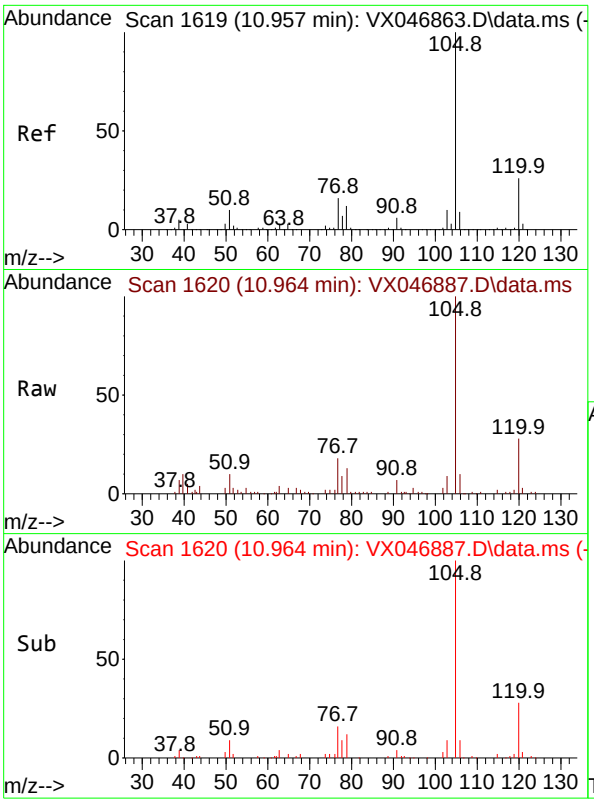


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion:152 Resp: 418170

Ion	Ratio	Lower	Upper
152	100		
115	60.1	42.4	127.1
150	157.4	0.0	349.2



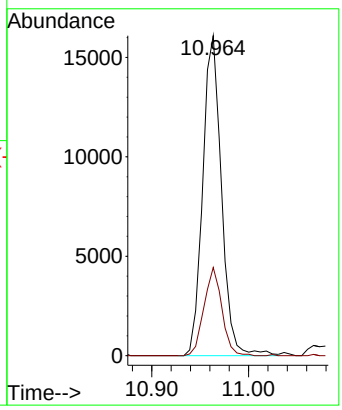


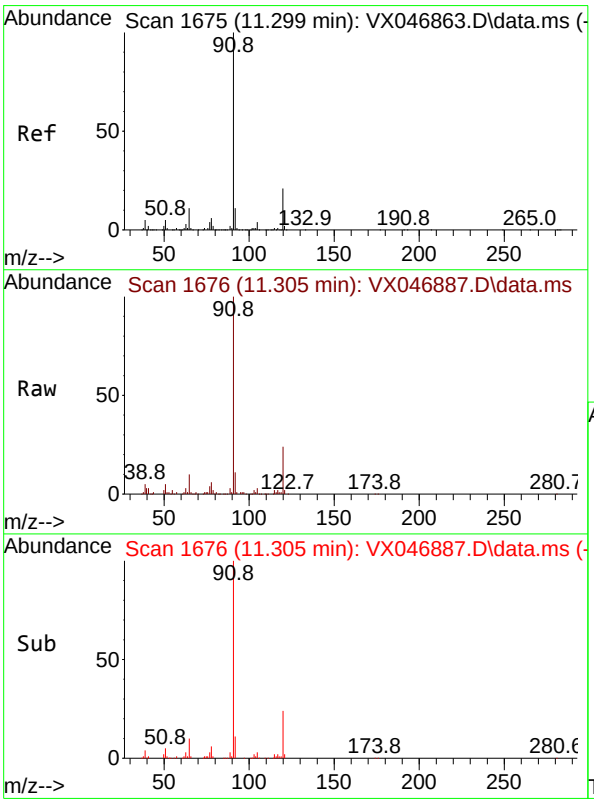
#73
Isopropylbenzene
Concen: 0.740 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:105 Resp: 21739

Ion	Ratio	Lower	Upper
105	100		
120	26.2	13.2	39.5

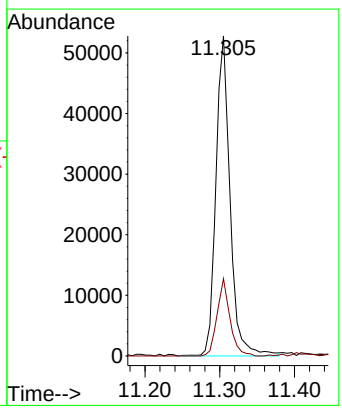


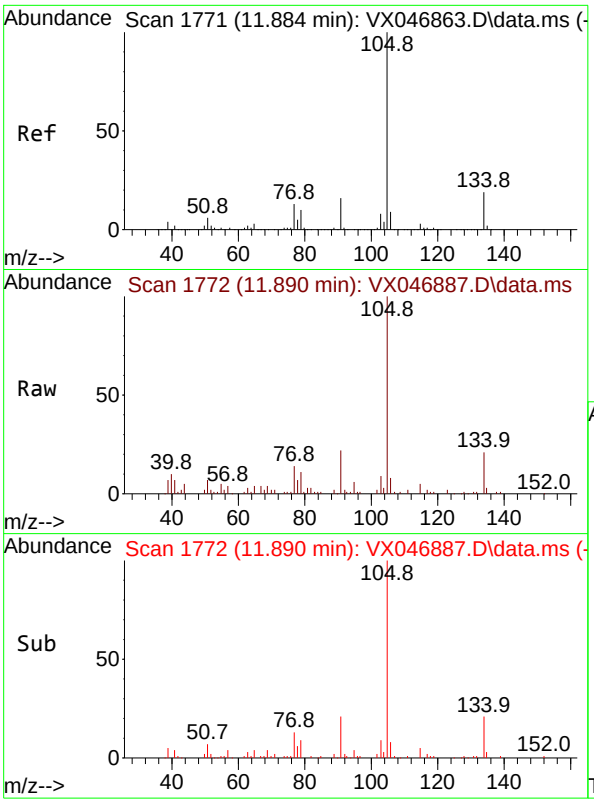


#78
n-propylbenzene
Concen: 1.963 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 91 Resp: 69597

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.2	33.5



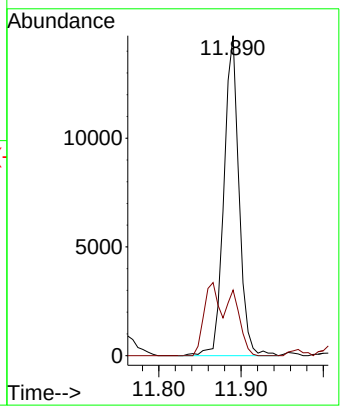


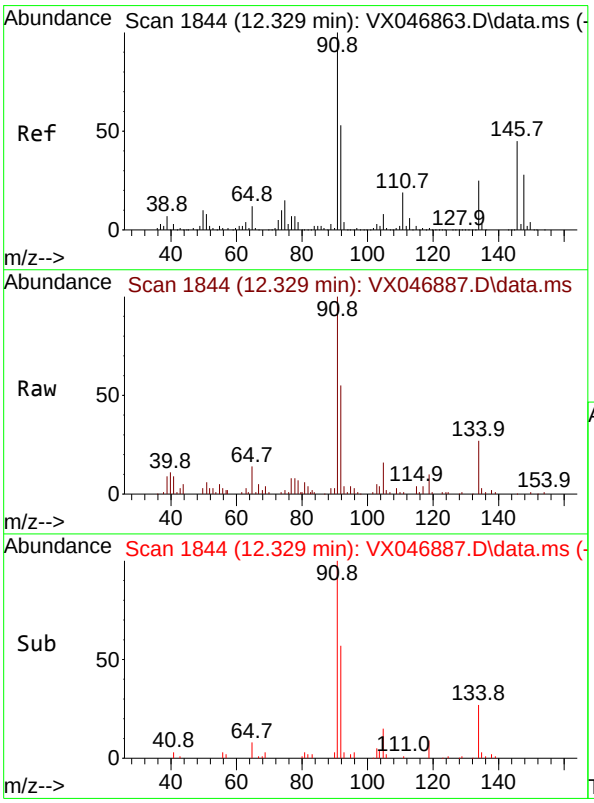
#85
sec-Butylbenzene
Concen: 0.605 ug/l
RT: 11.890 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Tgt Ion:105 Resp: 18826

Ion	Ratio	Lower	Upper
105	100		
134	17.4	9.9	29.7

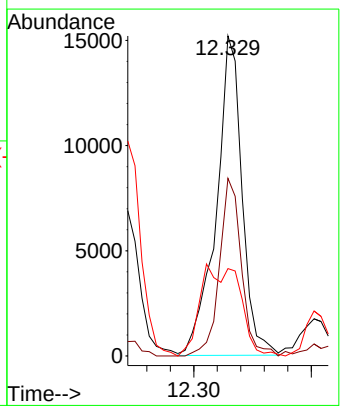




#89
n-Butylbenzene
Concen: 0.948 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046887.D
Acq: 03 Jul 2025 14:58

Tgt Ion: 91 Resp: 23191

Ion	Ratio	Lower	Upper
91	100		
92	47.3	27.0	81.0
134	24.2	12.8	38.4



Sample Results: **VX046887.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

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\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046887.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.770	106	112	124	rBV	61111	103750	3.44%	0.300%
2	1.971	140	145	155	rBV2	32875	52918	1.76%	0.153%
3	2.361	202	209	221	rVB4	11666	31741	1.05%	0.092%
4	2.800	272	281	283	rBV2	92292	192344	6.38%	0.557%
5	2.843	283	288	311	rVB	290153	696670	23.11%	2.017%
6	3.117	323	333	352	rBV	234863	599952	19.90%	1.737%
7	3.465	382	390	405	rBV2	55560	140814	4.67%	0.408%
8	4.062	479	488	505	rBV3	12300	46891	1.56%	0.136%
9	4.227	505	515	521	rBV4	35932	108234	3.59%	0.313%
10	4.318	521	530	547	rVB	347552	1066290	35.36%	3.087%
11	5.148	652	666	681	rBV3	11158	50887	1.69%	0.147%
12	5.397	695	707	715	rBV2	313746	968423	32.12%	2.803%
13	5.495	715	723	726	rVV2	123519	363862	12.07%	1.053%
14	5.562	727	734	742	rVB	427473	1183253	39.24%	3.425%
15	5.843	767	780	792	rBV4	228108	801442	26.58%	2.320%
16	5.964	792	800	821	rVV	333418	957855	31.77%	2.773%
17	6.166	823	833	842	rVV2	304237	946190	31.38%	2.739%
18	6.269	842	850	858	rVV2	307495	924578	30.66%	2.676%
19	6.367	858	866	882	rVB2	387159	1160600	38.49%	3.360%
20	6.769	922	932	958	rBV	822905	2232973	74.06%	6.464%
21	7.178	991	999	1006	rBV4	15346	35647	1.18%	0.103%
22	7.385	1020	1033	1047	rBV	1116723	2906975	96.41%	8.415%
23	7.501	1047	1052	1057	rVV4	17681	38646	1.28%	0.112%
24	7.568	1057	1063	1071	rVV3	22369	56510	1.87%	0.164%
25	7.659	1071	1078	1090	rVB	188976	403305	13.38%	1.167%
26	7.781	1090	1098	1107	rBV	131439	275286	9.13%	0.797%
27	7.958	1120	1127	1144	rVB2	192294	473873	15.72%	1.372%
28	8.110	1144	1152	1155	rBV2	47532	105411	3.50%	0.305%
29	8.147	1155	1158	1162	rVB2	31322	46029	1.53%	0.133%
30	8.275	1175	1179	1182	rBV2	47443	78550	2.61%	0.227%
31	8.318	1182	1186	1193	rVB3	84396	165522	5.49%	0.479%
32	8.440	1201	1206	1212	rBV	33112	66599	2.21%	0.193%
33	8.513	1213	1218	1226	rVB4	65171	137039	4.54%	0.397%
34	8.604	1226	1233	1236	rBV2	345409	690201	22.89%	1.998%
35	8.647	1236	1240	1250	rVB	1843574	3015173	100.00%	8.728%
36	8.775	1255	1261	1265	rVV2	163807	290490	9.63%	0.841%

Sample Results: **VX046887.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

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\82X070225W.M
Title : SW846 8260

37	8.818	1265	1268	1270	rVV2	72069	110655	3.67%	0.320%
38	8.848	1270	1273	1280	rVV2	117712	187411	6.22%	0.542%
39	8.921	1280	1285	1289	rVV	45263	78514	2.60%	0.227%
40	8.976	1289	1294	1305	rVB2	257671	447767	14.85%	1.296%
41	9.104	1305	1315	1320	rBV	166440	308262	10.22%	0.892%
42	9.159	1320	1324	1329	rVV	71833	120608	4.00%	0.349%
43	9.202	1329	1331	1337	rVB3	25612	34948	1.16%	0.101%
44	9.378	1355	1360	1364	rBV3	40342	61313	2.03%	0.177%
45	9.513	1376	1382	1386	rVV3	114510	210166	6.97%	0.608%
46	9.561	1386	1390	1394	rVV	220099	319287	10.59%	0.924%
47	9.616	1394	1399	1404	rVV2	169054	282964	9.38%	0.819%
48	9.659	1404	1406	1416	rVB5	29305	52349	1.74%	0.152%
49	9.763	1416	1423	1429	rBV2	40083	69277	2.30%	0.201%
50	9.830	1429	1434	1442	rBV6	36086	82415	2.73%	0.239%
51	10.049	1465	1470	1477	rBV	1737215	2476291	82.13%	7.168%
52	10.128	1478	1483	1487	rVB	89811	133437	4.43%	0.386%
53	10.275	1502	1507	1510	rBV2	51360	85797	2.85%	0.248%
54	10.458	1532	1537	1546	rVB2	30928	55595	1.84%	0.161%
55	10.586	1548	1558	1566	rBV6	50104	131626	4.37%	0.381%
56	10.775	1578	1589	1594	rBV2	87377	157723	5.23%	0.457%
57	10.854	1598	1602	1610	rBV5	54410	87335	2.90%	0.253%
58	10.964	1615	1620	1623	rBV	40827	61428	2.04%	0.178%
59	11.079	1634	1639	1644	rBV	1572879	1961739	65.06%	5.679%
60	11.122	1644	1646	1651	rVB3	49692	65726	2.18%	0.190%
61	11.220	1659	1662	1667	rVB2	36199	47821	1.59%	0.138%
62	11.305	1670	1676	1685	rBV	108141	153756	5.10%	0.445%
63	11.616	1722	1727	1734	rVB3	36776	57765	1.92%	0.167%
64	11.860	1761	1767	1770	rBV2	37750	64052	2.12%	0.185%
65	11.890	1770	1772	1776	rVB	40317	42019	1.39%	0.122%
66	12.018	1788	1793	1807	rBV	2106571	2551455	84.62%	7.386%
67	12.244	1825	1830	1836	rBV	123335	156927	5.20%	0.454%
68	12.311	1836	1841	1843	rBV2	63448	87709	2.91%	0.254%
69	12.402	1851	1856	1863	rBV2	22816	34628	1.15%	0.100%
70	12.610	1882	1890	1893	rBV	262547	328364	10.89%	0.950%
71	12.640	1893	1895	1900	rVV2	64023	88848	2.95%	0.257%
72	12.695	1900	1904	1912	rVV3	147658	271483	9.00%	0.786%
73	12.835	1924	1927	1932	rVB2	32552	44074	1.46%	0.128%
74	12.921	1932	1941	1947	rBV	144418	210285	6.97%	0.609%
75	13.024	1953	1958	1965	rVB3	53277	84968	2.82%	0.246%
76	13.091	1965	1969	1972	rBV	27003	39590	1.31%	0.115%

Sample Results: **VX046887.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

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\82X070225W.M
Title : SW846 8260

77	13.134	1972	1976	1978	rVV	47974	58656	1.95%	0.170%
78	13.164	1978	1981	1992	rVB2	94647	141090	4.68%	0.408%
79	13.286	1997	2001	2007	rVB2	166967	246858	8.19%	0.715%
80	13.366	2012	2014	2021	rVV	34897	56897	1.89%	0.165%
81	13.506	2032	2037	2039	rBV2	41713	58328	1.93%	0.169%
82	13.542	2039	2043	2046	rVV	87873	125324	4.16%	0.363%
83	13.579	2046	2049	2053	rVV3	98547	146442	4.86%	0.424%
84	13.640	2053	2059	2060	rVV3	42541	79292	2.63%	0.230%
85	13.658	2060	2062	2072	rVB2	82445	121383	4.03%	0.351%
86	13.926	2098	2106	2110	rBV4	33114	58170	1.93%	0.168%
87	14.073	2125	2130	2137	rBV	41493	57430	1.90%	0.166%
88	14.213	2148	2153	2163	rBV3	38078	70279	2.33%	0.203%
89	14.371	2175	2179	2183	rVB3	26912	33650	1.12%	0.097%
90	14.780	2240	2246	2251	rBV2	18180	31419	1.04%	0.091%

Sum of corrected areas: 34546518

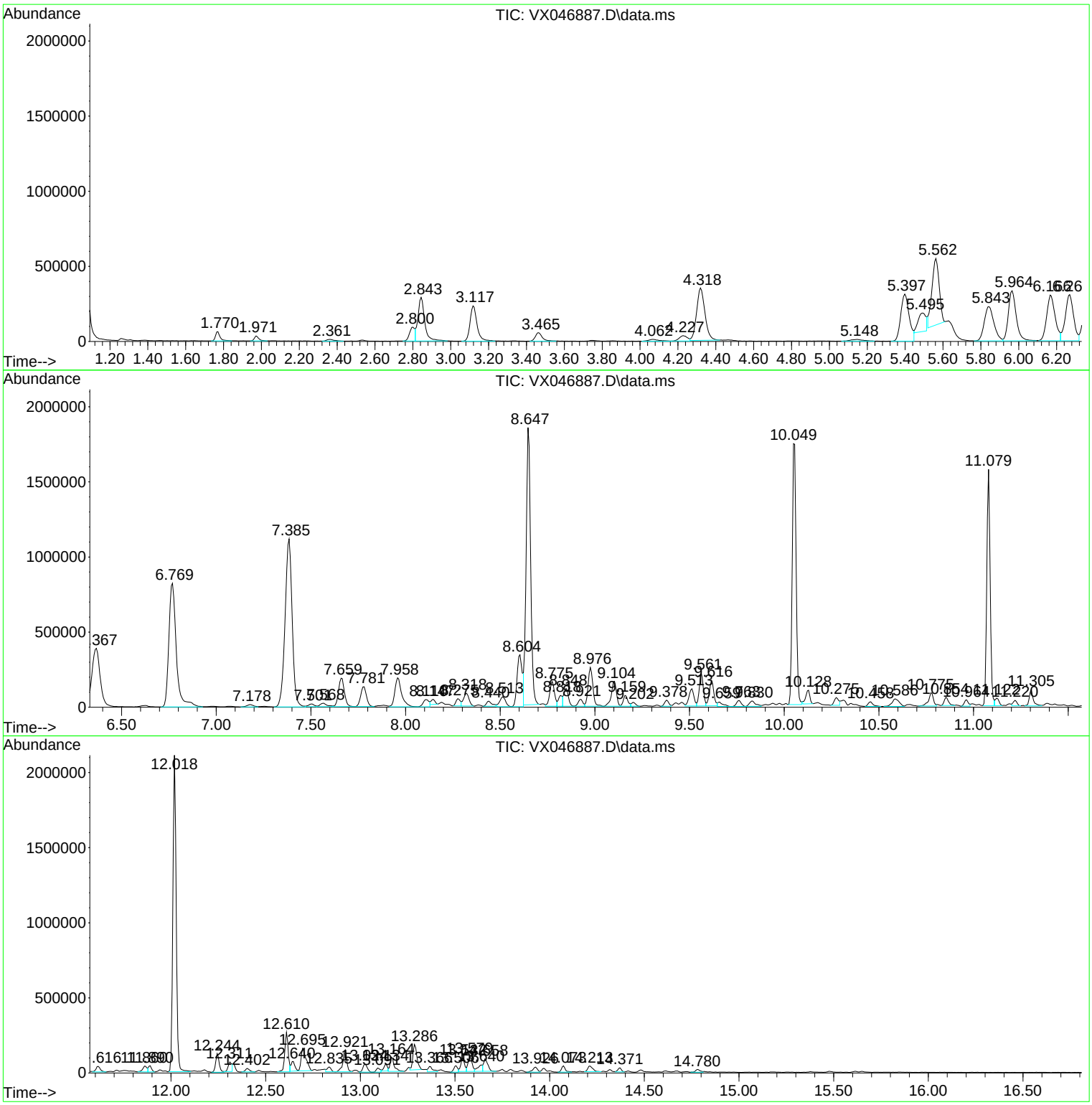
Sample Results: **VX046887.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

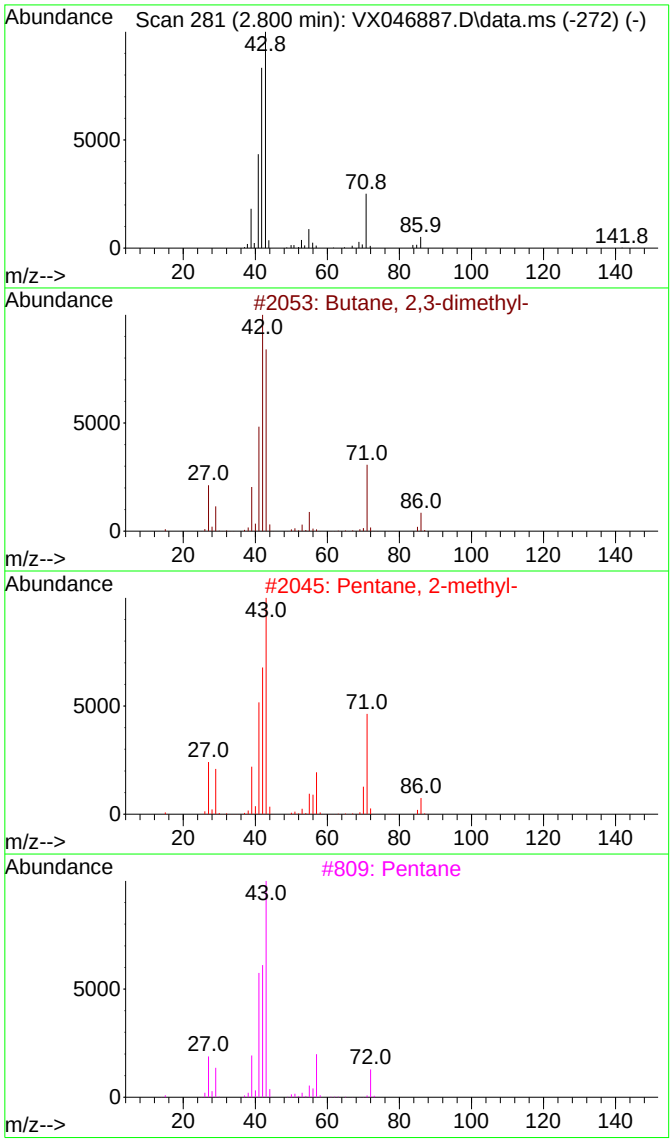
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

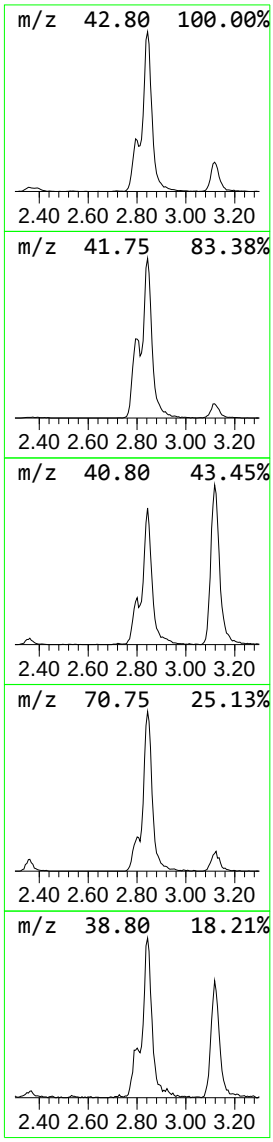
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.800	8.13 ug/l	192344	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	90
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	78
3	Pentane	72	C5H12	000109-66-0	38
4	1-Pentene	70	C5H10	000109-67-1	38
5	Propanoyl chloride, 2-methyl-	106	C4H7ClO	000079-30-1	12





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

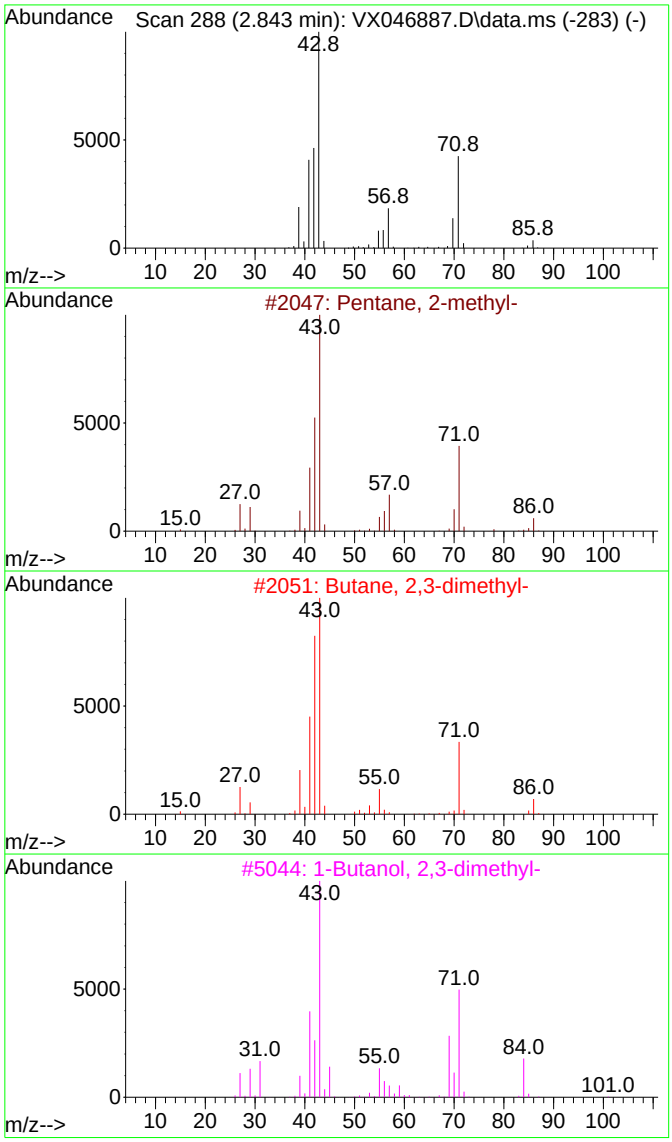
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

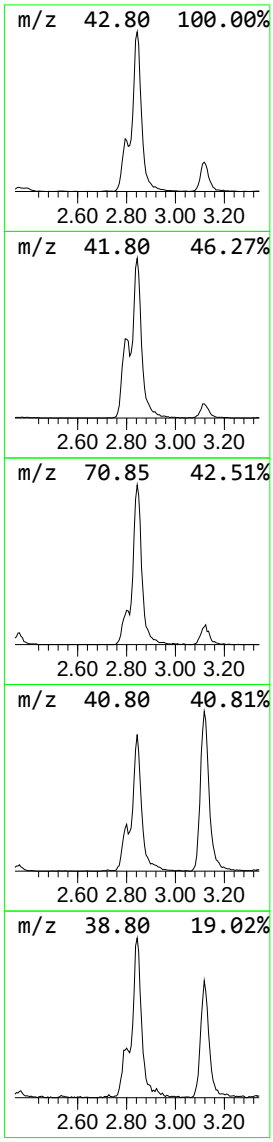
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.843	29.44 ug/l	696670	Pentafluorobenzene	5.562

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	50
3	1-Butanol, 2,3-dimethyl-	102	C6H14O	019550-30-2	45
4	Pentane	72	C5H12	000109-66-0	38
5	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	32





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

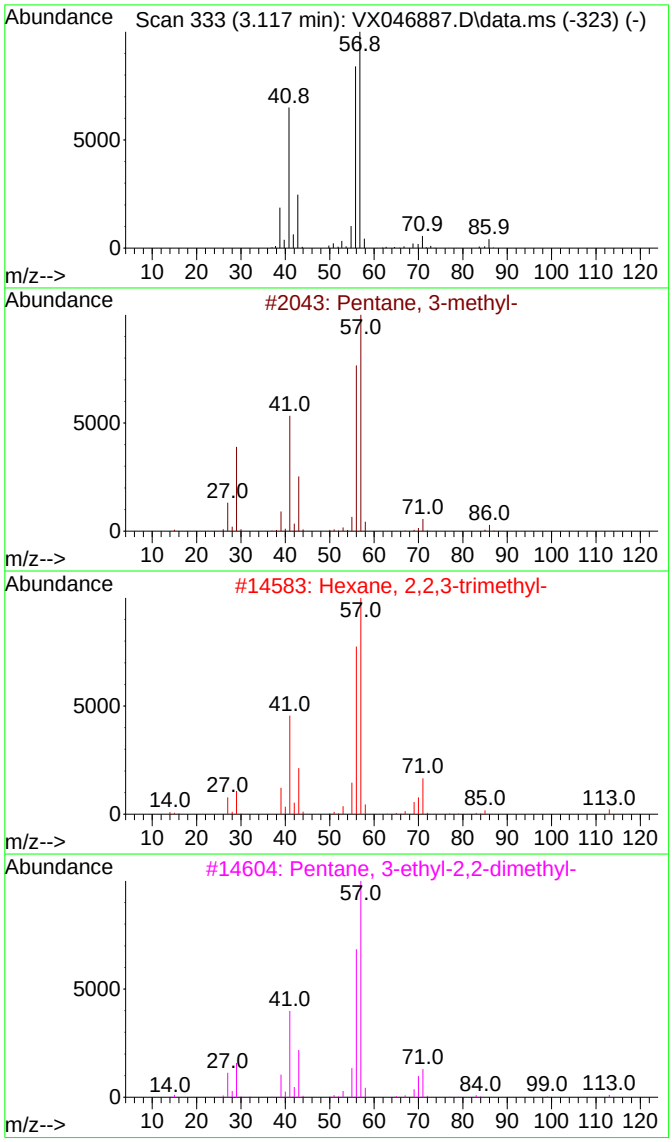
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

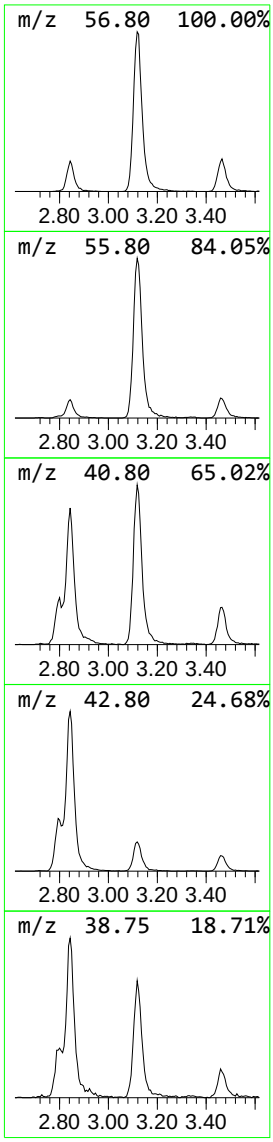
****

Peak Number 3 Pentane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.117	25.35 ug/l	599952	Pentafluorobenzene	5.562

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	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	56
4	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	45
5	Butyl isocyanatoacetate	157	C7H11NO3	017046-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

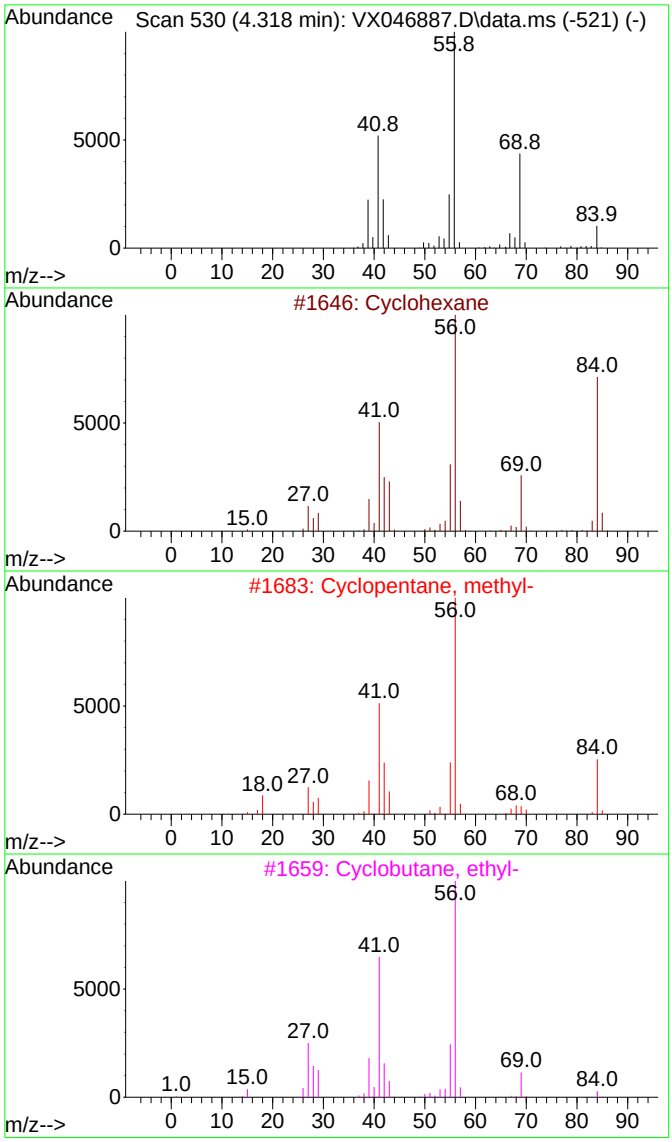
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

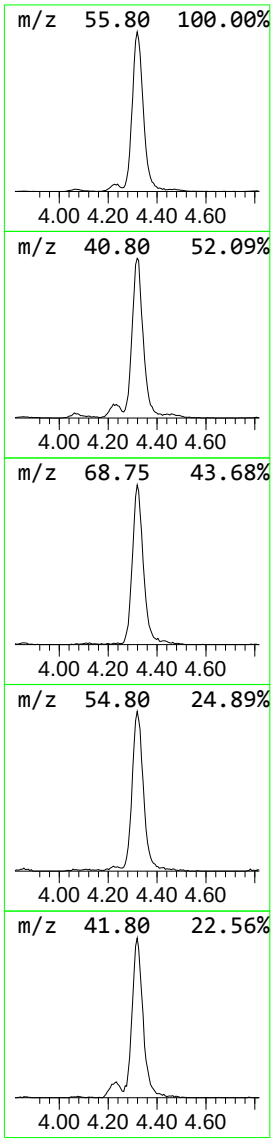
****

Peak Number 4 Cyclopentane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.318	45.06 ug/l	1066290	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	83
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43





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Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

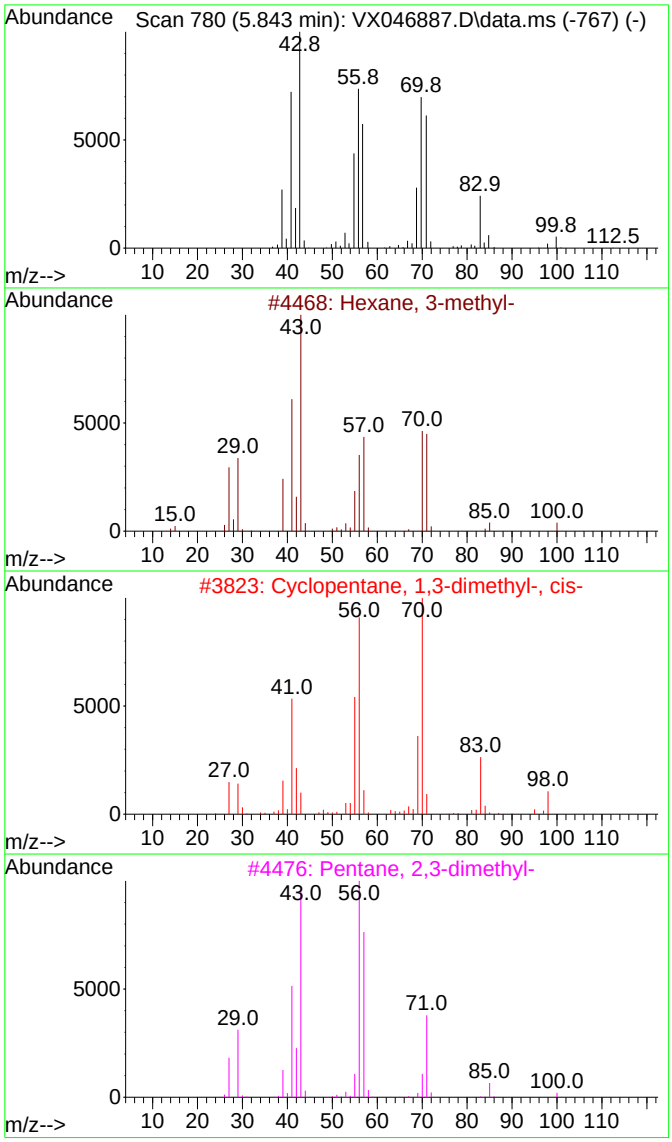
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

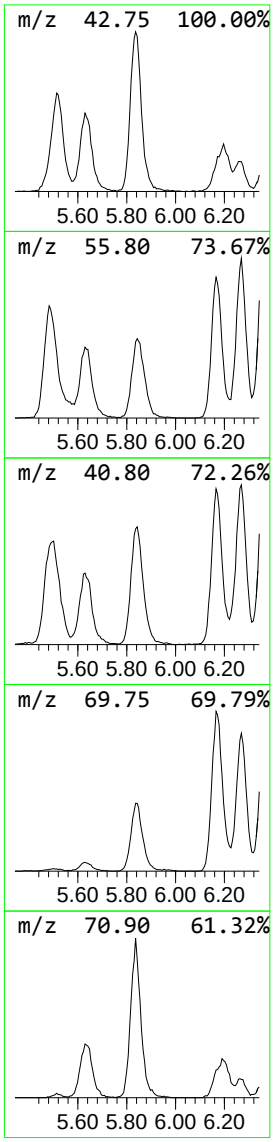
****

Peak Number 5 Hexane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.843	33.87 ug/l	801442	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3-methyl-	100	C7H16	000589-34-4	60
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	52
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	50
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	50
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	47





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Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

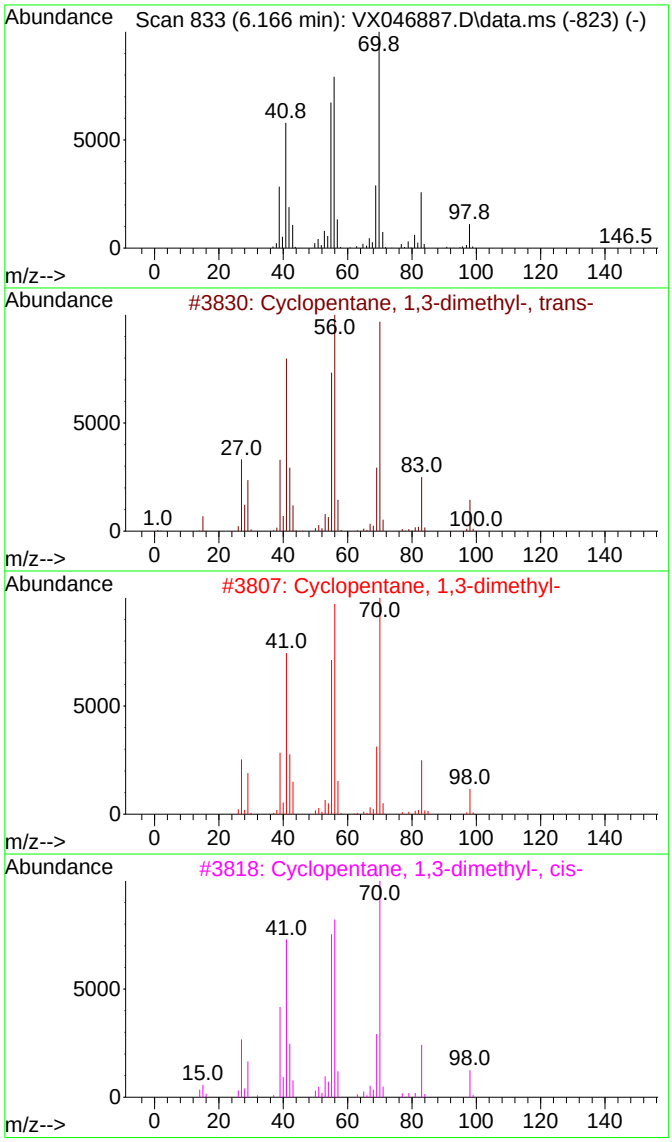
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

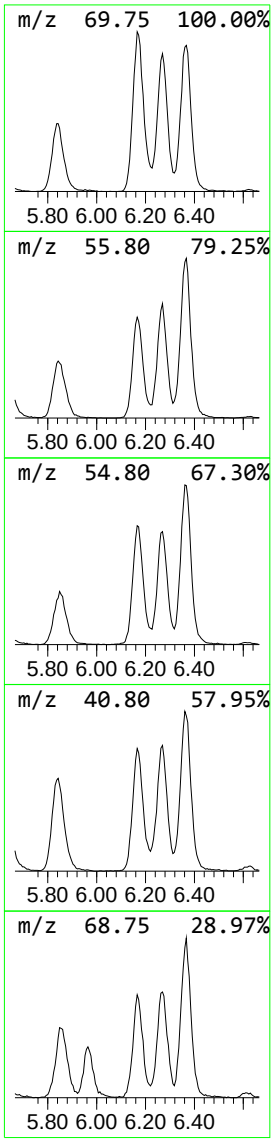
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,3-dimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.166	39.98 ug/l	946190	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	95
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	93
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	70
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

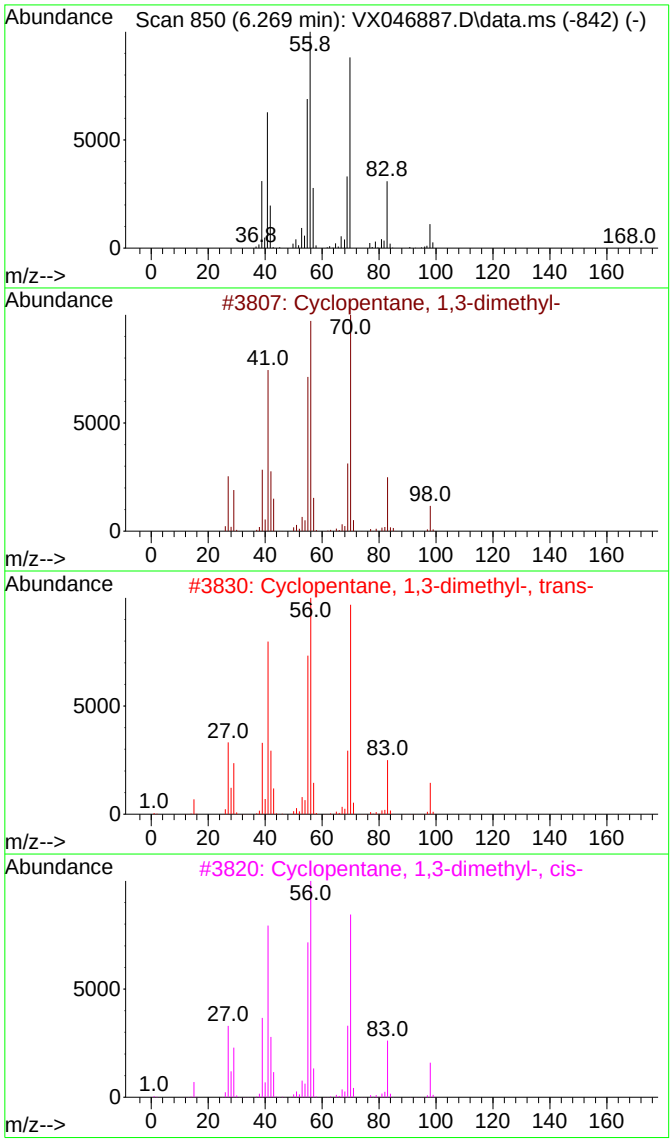
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

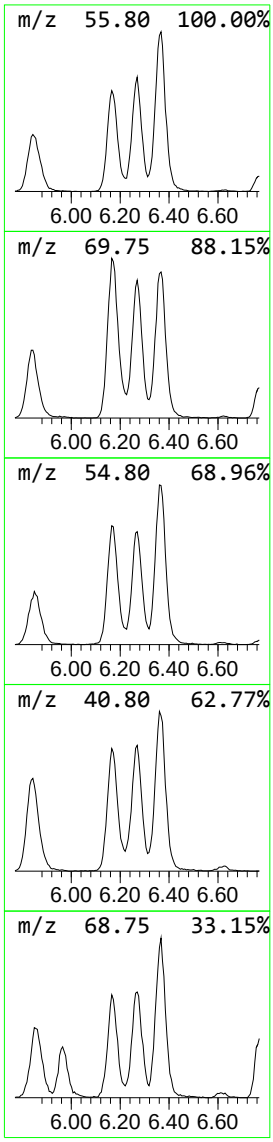
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.269	20.70 ug/l	924578	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	90
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	90
3	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	90
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	87
5	Cyclobutanone, 3-ethyl-	98	C6H10O	056335-73-0	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

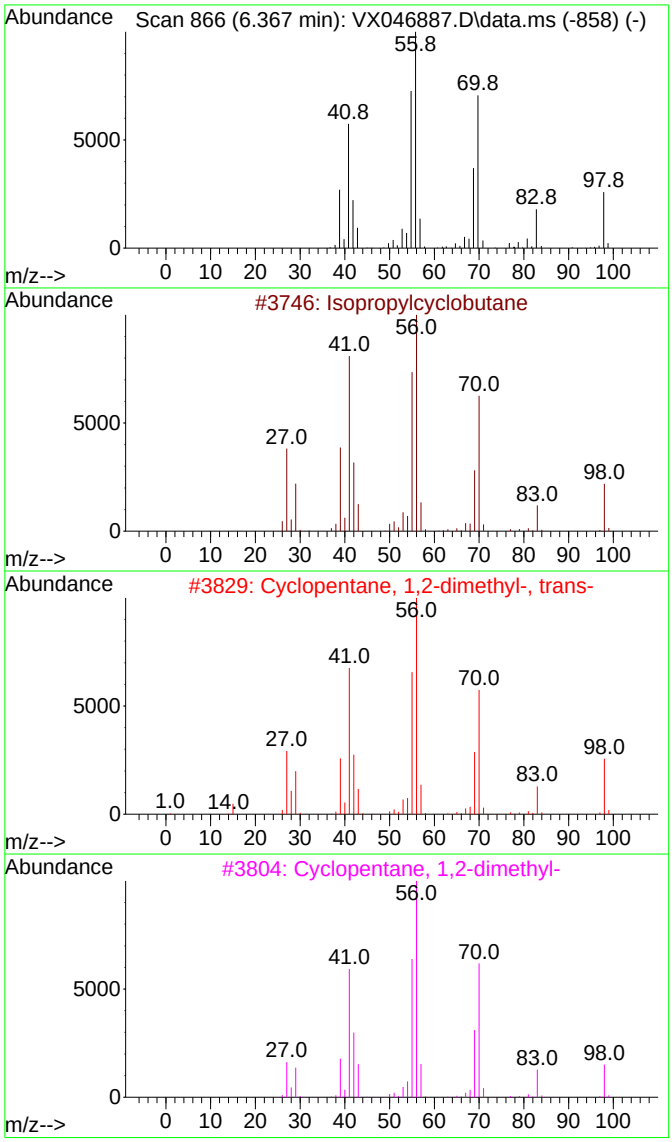
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

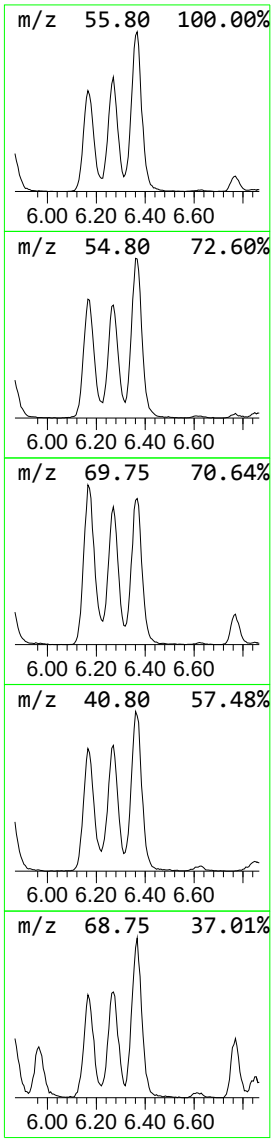
****

Peak Number 8 Isopropylcyclobutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.367	25.99 ug/l	1160600	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropylcyclobutane	98	C7H14	000872-56-0	94
2	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	91
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	87
4	3-Heptene	98	C7H14	000592-78-9	64
5	1-Heptene	98	C7H14	000592-76-7	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

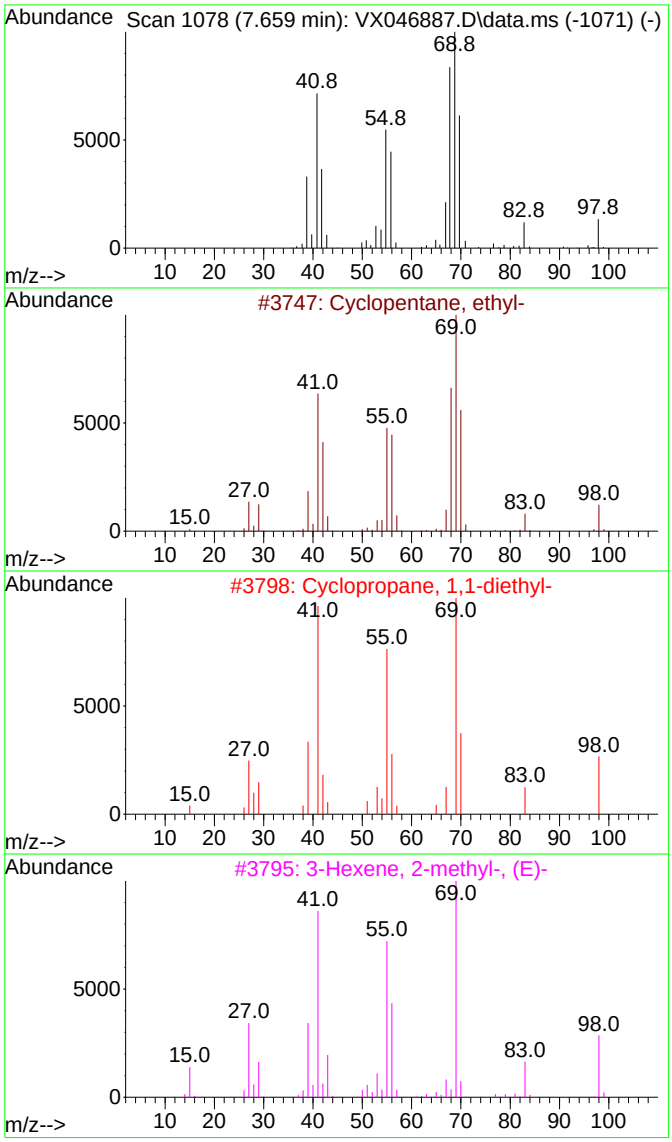
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

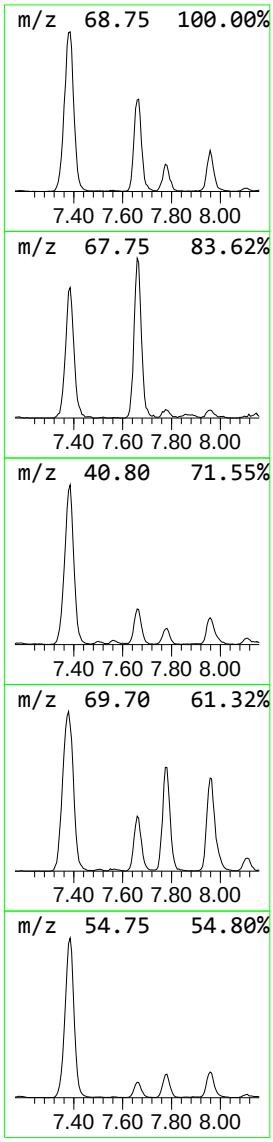
****

Peak Number 9 Cyclopentane, ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.659	9.03 ug/l	403305	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	93
2	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
3	3-Hexene, 2-methyl-, (E)-	98	C7H14	000692-24-0	43
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	38
5	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

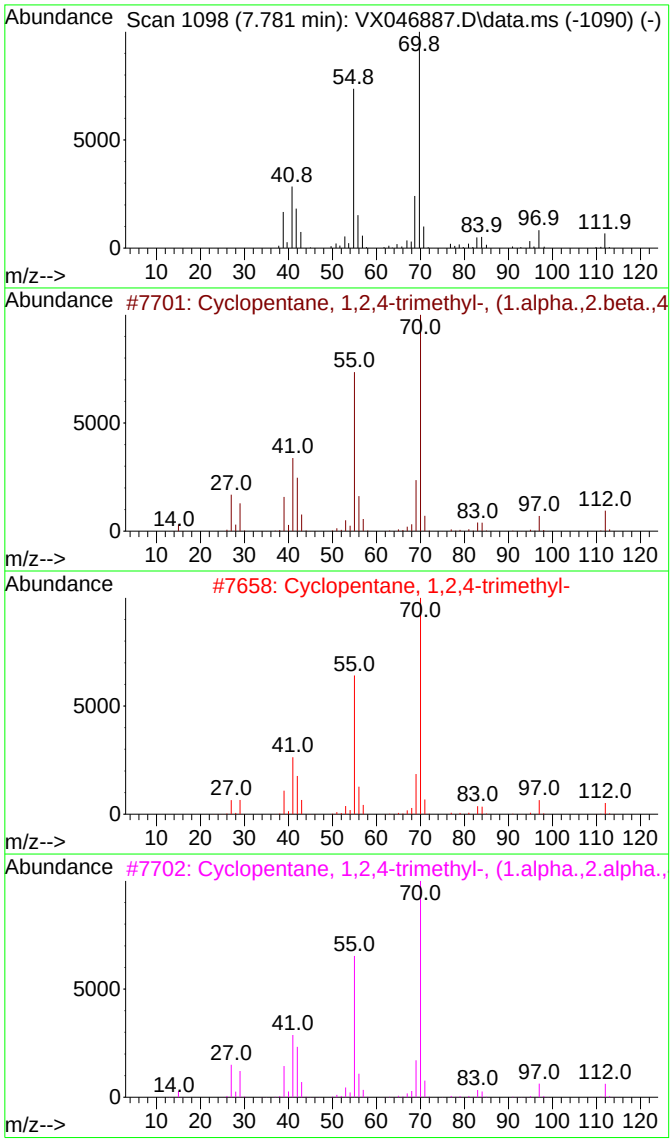
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

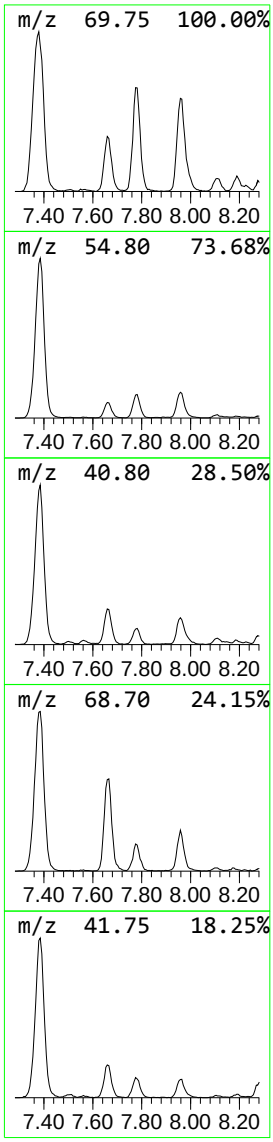
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclopentane, 1,2,4-trimeth... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.781	6.16 ug/l	275286	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	90
4	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	90
5	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	80





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Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

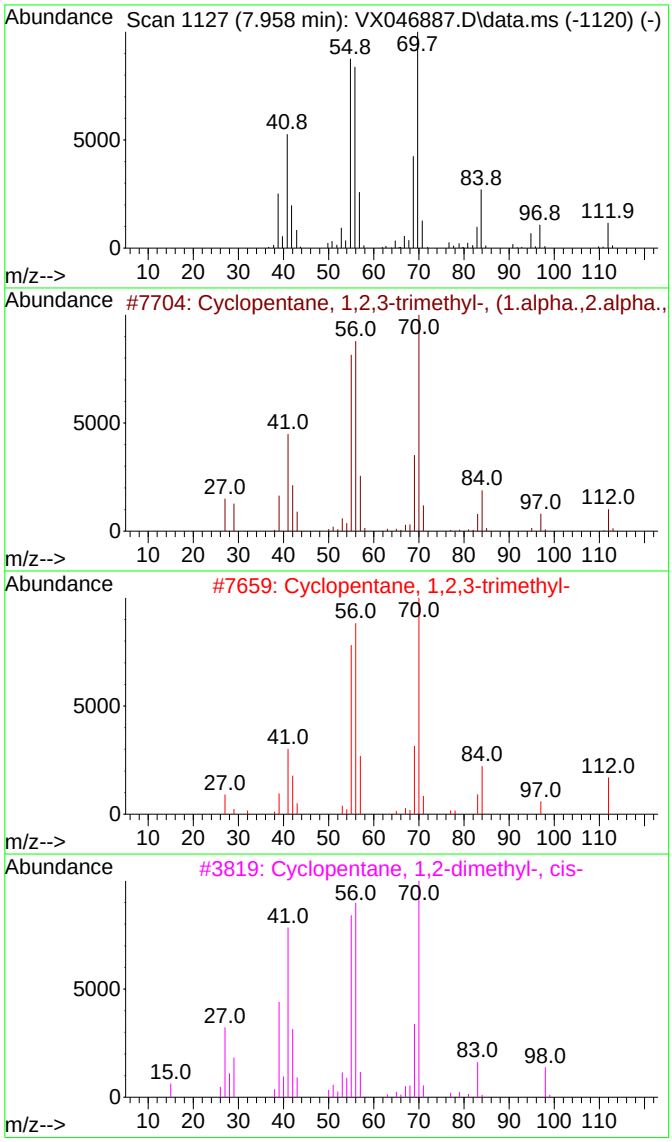
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

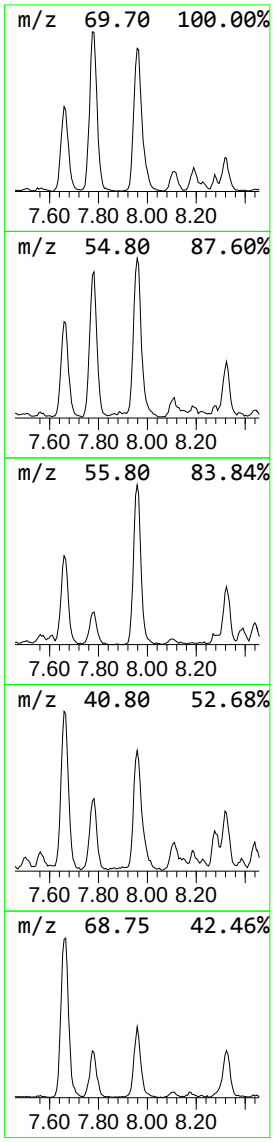
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopentane, 1,2,3-trimeth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.958	10.61 ug/l	473873	1,4-Difluorobenzene	6.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	94
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	72
4	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	64
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	53





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Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

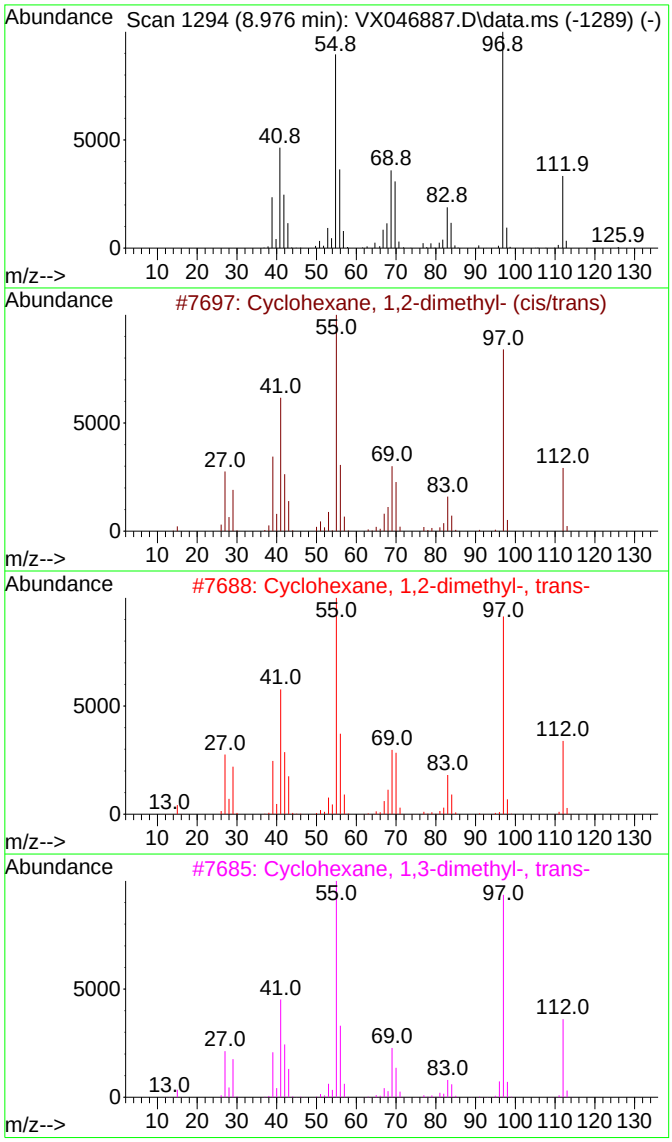
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

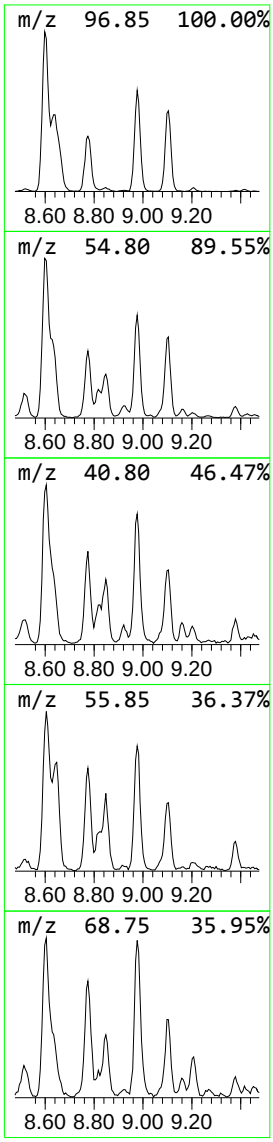
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.976	9.04 ug/l	447767	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	97
2	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	96
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	87
4	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	83
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	74





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

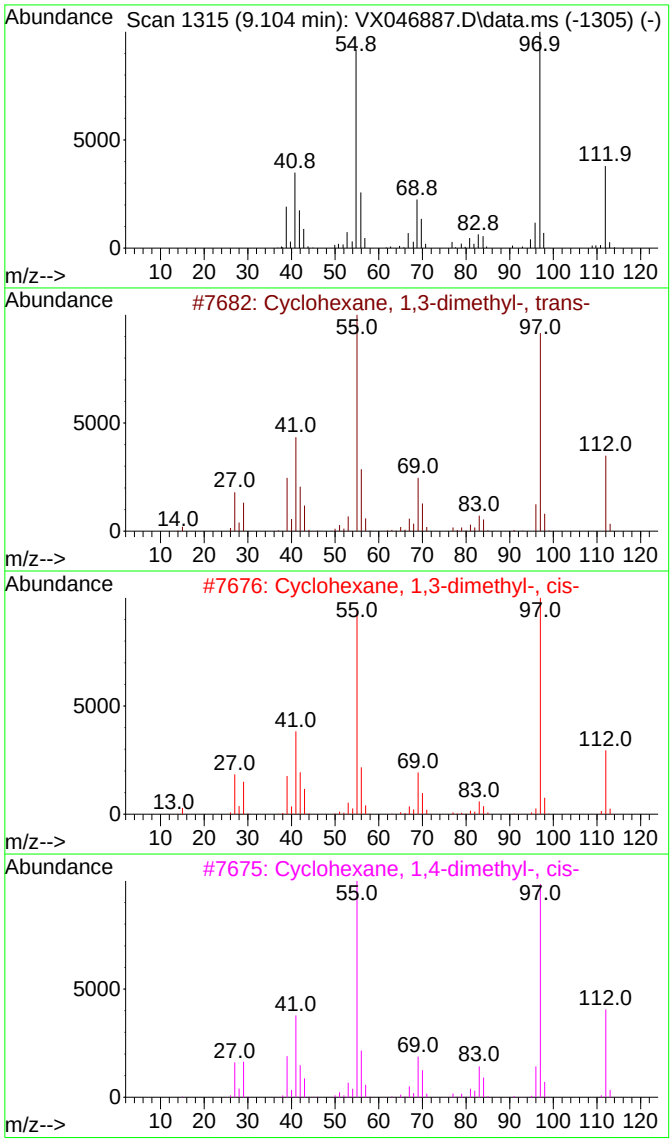
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

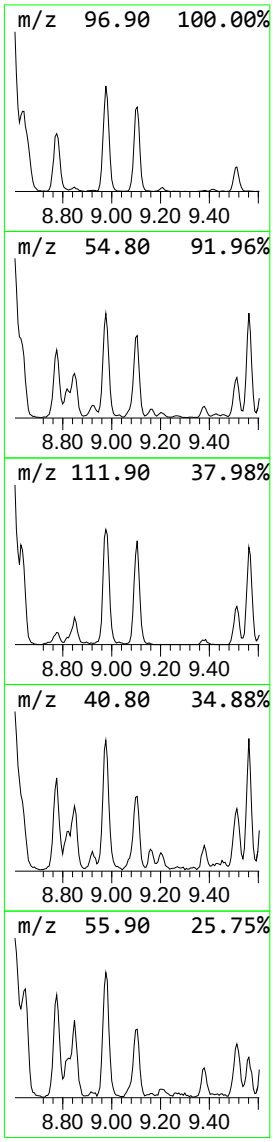
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.104	6.22 ug/l	308262	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	96
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	94
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
5	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

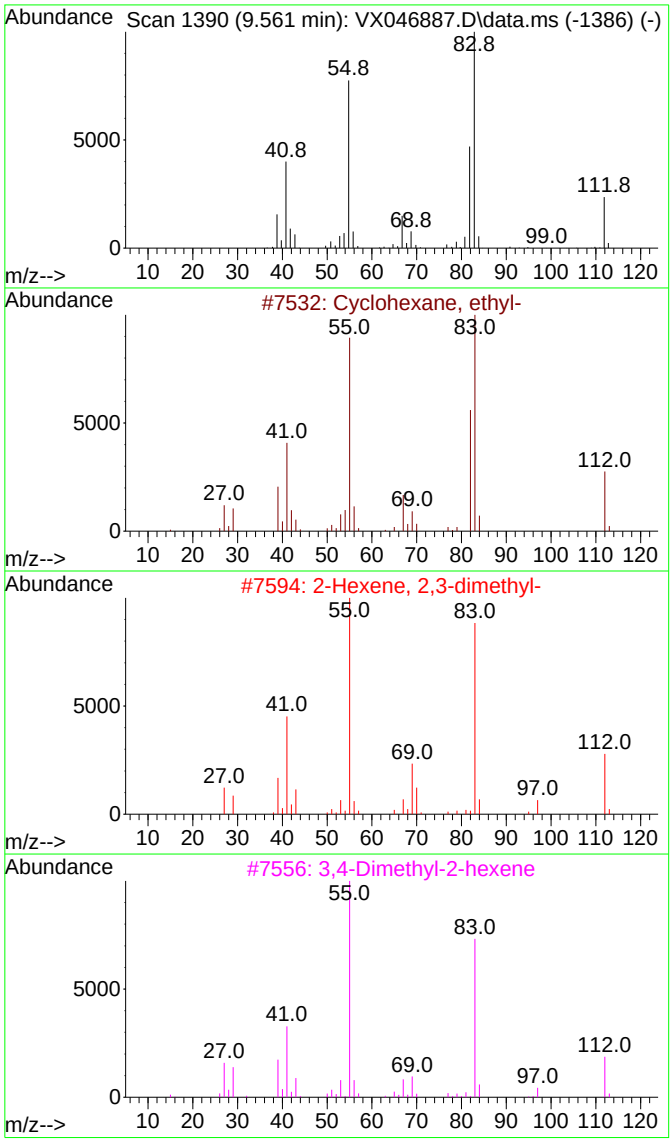
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

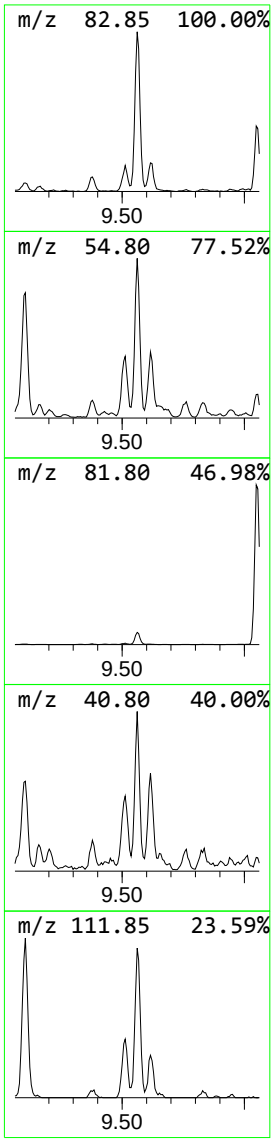
****

Peak Number 14 Cyclohexane, ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.561	6.45 ug/l	319287	Chlorobenzene-d5	10.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	95
2	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	58
3	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	58
4	Oxalic acid, cyclohexyl dodecyl ...	340	C20H36O4	1000309-31-4	53
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

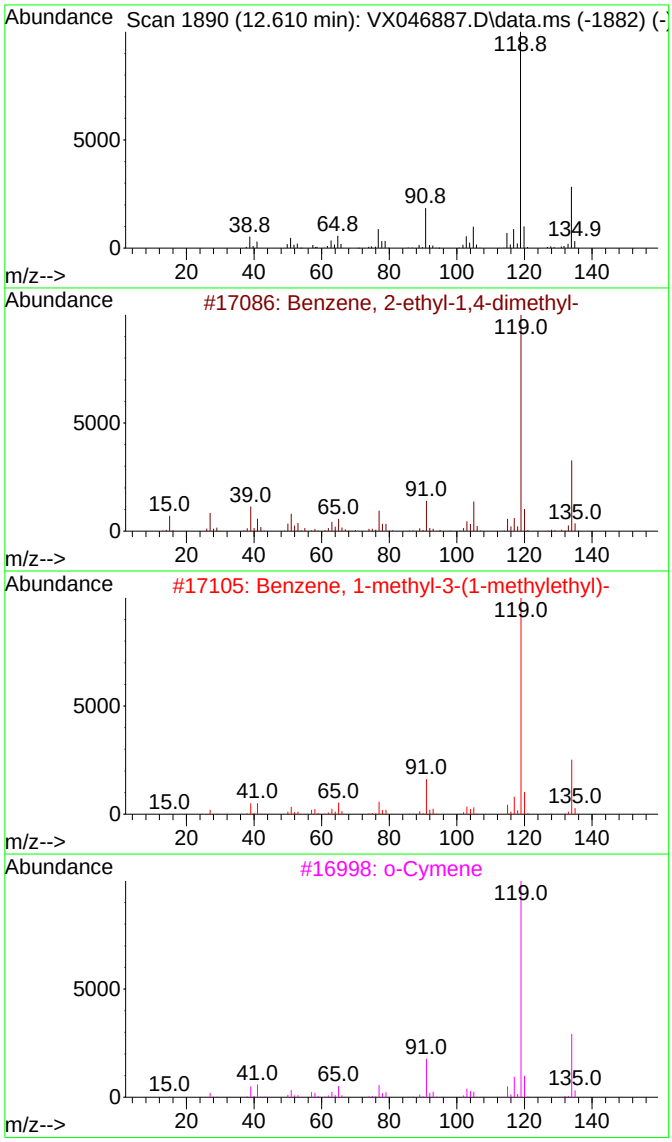
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

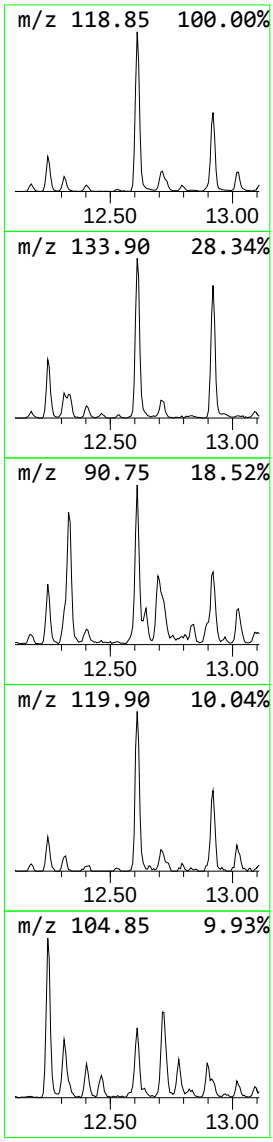
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.610	6.43 ug/l	328364	1,4-Dichlorobenzene-d4	12.018

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	p-Cymene	134	C10H14	000099-87-6	93
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046887.D
Acq On : 03 Jul 2025 14:58
Operator : JC/MD
Sample : Q2503-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3W

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2,3-dim...	2.800	8.1	ug/l	192344	1	5.562	1183250	50.0
Pentane, 2-methyl-	2.843	29.4	ug/l	696670	1	5.562	1183250	50.0
Pentane, 3-methyl-	3.117	25.4	ug/l	599952	1	5.562	1183250	50.0
Cyclopentane, m...	4.318	45.1	ug/l	1066290	1	5.562	1183250	50.0
Hexane, 3-methyl-	5.843	33.9	ug/l	801442	1	5.562	1183250	50.0
Cyclopentane, 1...	6.166	40.0	ug/l	946190	1	5.562	1183250	50.0
Cyclopentane, 1...	6.269	20.7	ug/l	924578	2	6.769	2232970	50.0
Isopropylcyclob...	6.367	26.0	ug/l	1160600	2	6.769	2232970	50.0
Cyclopentane, e...	7.659	9.0	ug/l	403305	2	6.769	2232970	50.0
Cyclopentane, 1...	7.781	6.2	ug/l	275286	2	6.769	2232970	50.0
Cyclopentane, 1...	7.958	10.6	ug/l	473873	2	6.769	2232970	50.0
Cyclohexane, 1,...	8.976	9.0	ug/l	447767	3	10.055	2476290	50.0
Cyclohexane, 1,...	9.104	6.2	ug/l	308262	3	10.055	2476290	50.0
Cyclohexane, et...	9.561	6.5	ug/l	319287	3	10.055	2476290	50.0
Benzene, 2-ethy...	12.610	6.4	ug/l	328364	4	12.018	2551460	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 15 02:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.959	168	210867	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.849	114	390097	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.629	117	330238	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	124443	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.319	65	121517	40.155	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	80.320%			
35) Dibromofluoromethane	7.898	113	109893	43.171	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	86.340%			
50) Toluene-d8	10.325	98	454812	48.011	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	96.020%			
62) 4-Bromofluorobenzene	12.617	95	132548	38.022	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	76.040%			
Target Compounds							Qvalue
16) Acetone	4.161	43	183992	245.985	ug/l		94
17) Carbon Disulfide	4.417	76	14969	2.226	ug/l		99
25) 2-Butanone	7.191	43	79299	81.491	ug/l	#	87
31) Cyclohexane	7.972	56	1772349	411.327	ug/l		93
39) Methylcyclohexane	9.343	83	3108704	678.321	ug/l		97
52) Toluene	10.392	92	25535	3.660	ug/l		97
67) Ethyl Benzene	11.733	91	17565	1.390	ug/l		89
68) m/p-Xylenes	11.837	106	99062	20.396	ug/l		95
69) o-Xylene	12.166	106	19927	4.431	ug/l		92
73) Isopropylbenzene	12.465	105	235287	24.857	ug/l		99
78) n-propylbenzene	12.800	91	426293	37.608	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	127325	16.250	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	289573	36.475	ug/l		98
85) sec-Butylbenzene	13.379	105	54204	5.381	ug/l	#	72
86) p-Isopropyltoluene	13.495	119	35983	4.334	ug/l		92
89) n-Butylbenzene	13.812	91	26880m	3.332	ug/l		

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 15 02:41:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
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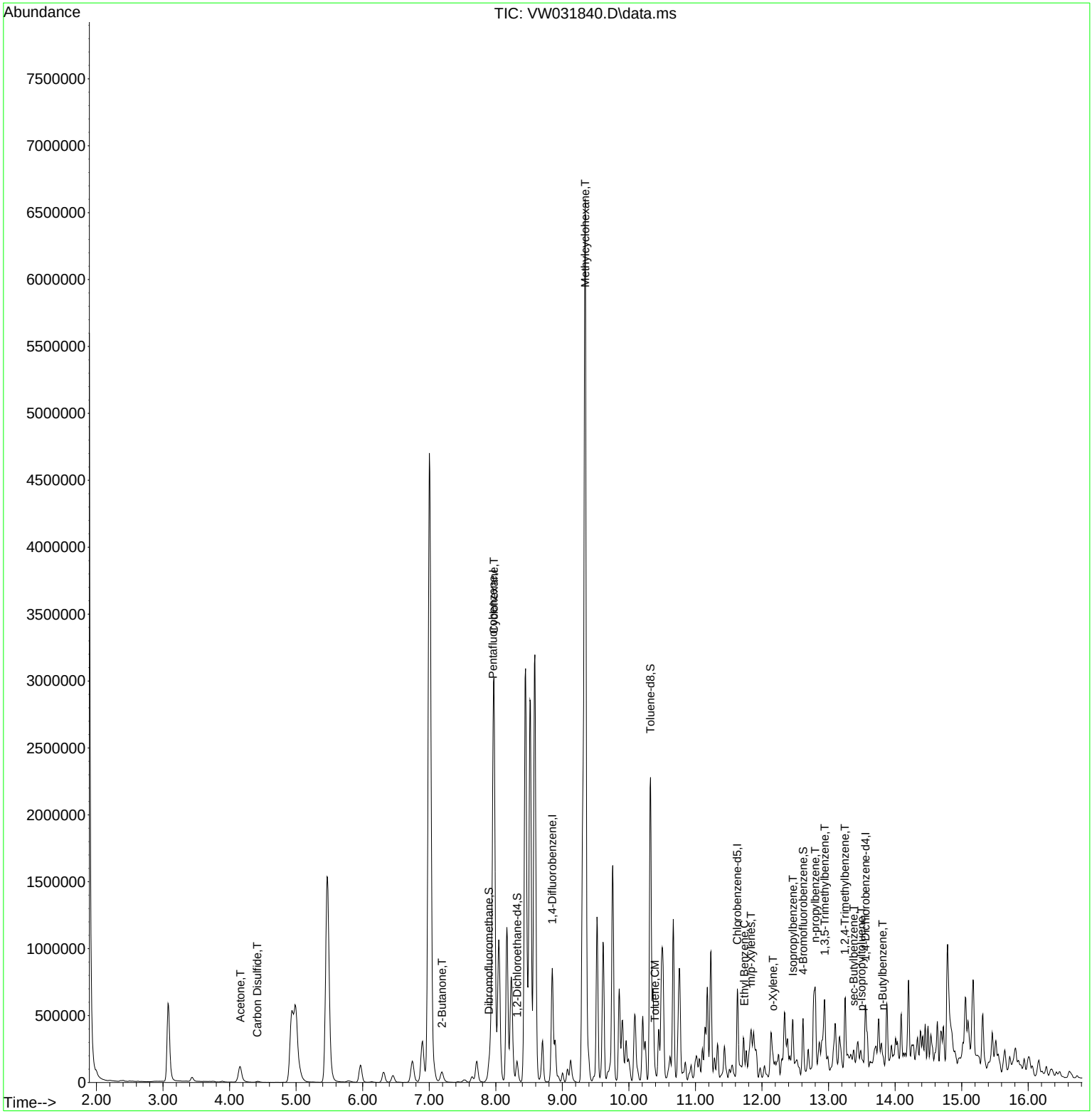
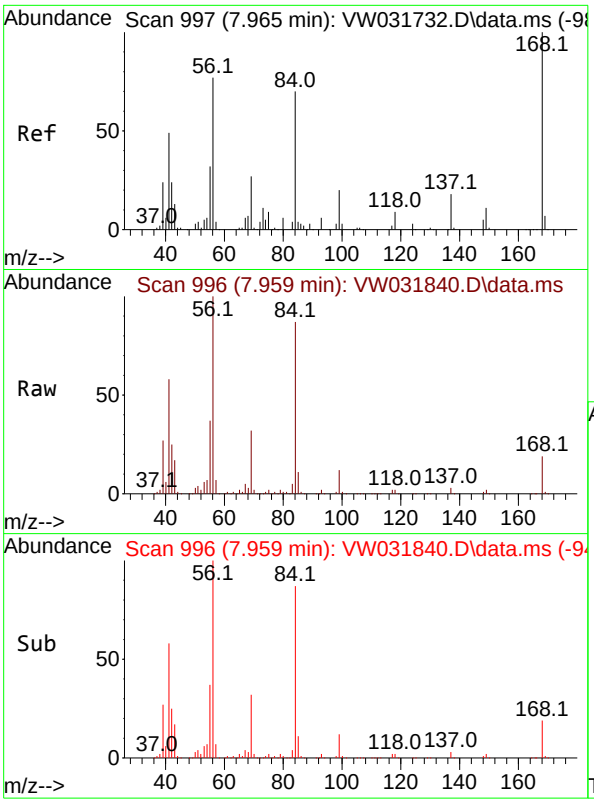
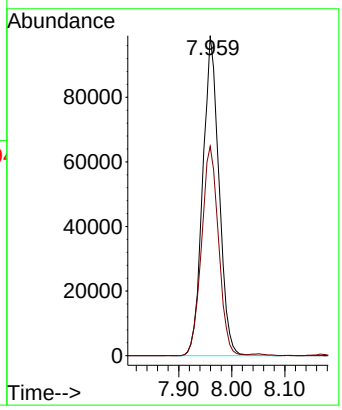




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:168 Resp: 21086

Ion	Ratio	Lower	Upper
168	100		
99	65.4	49.4	74.2



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

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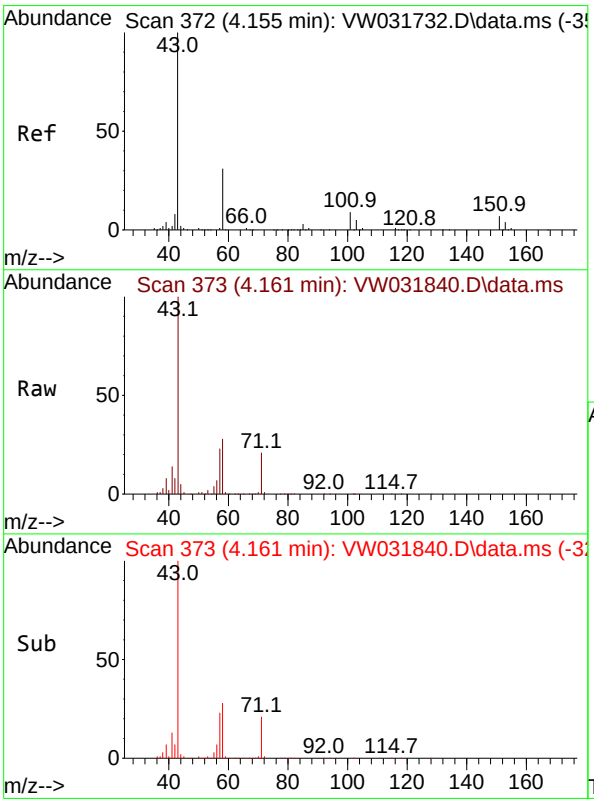
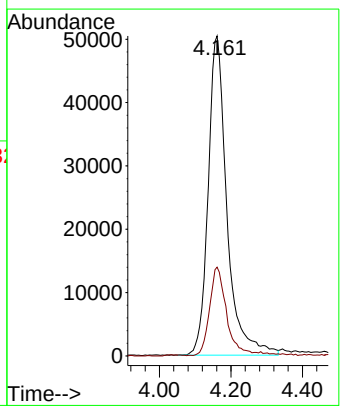
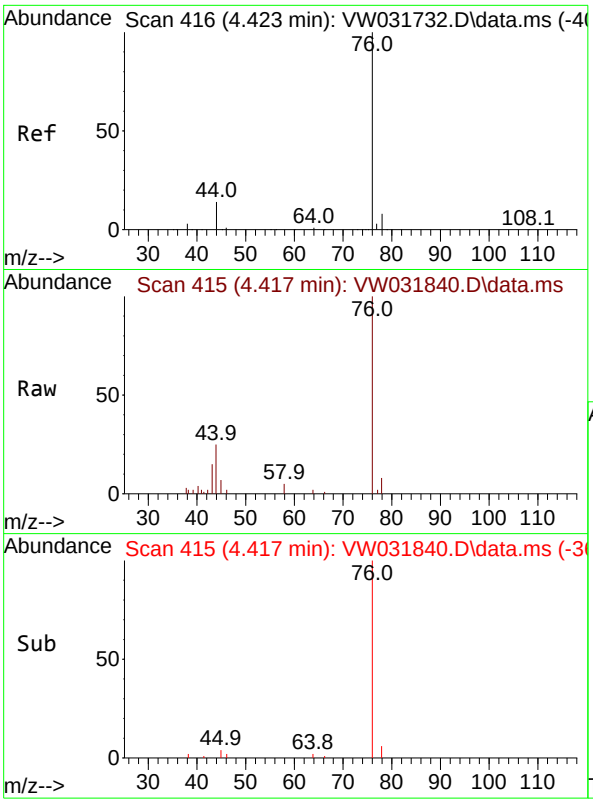


#16
Acetone
Concen: 245.985 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.007 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 183992

Ion	Ratio	Lower	Upper
43	100		
58	27.5	24.8	37.2





#17
Carbon Disulfide
Concen: 2.226 ug/l
RT: 4.417 min Scan# 4
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 76 Resp: 1496

Ion	Ratio	Lower	Upper
76	100		
78	8.0	6.6	10.0

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

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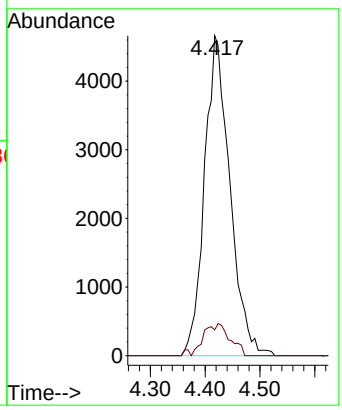
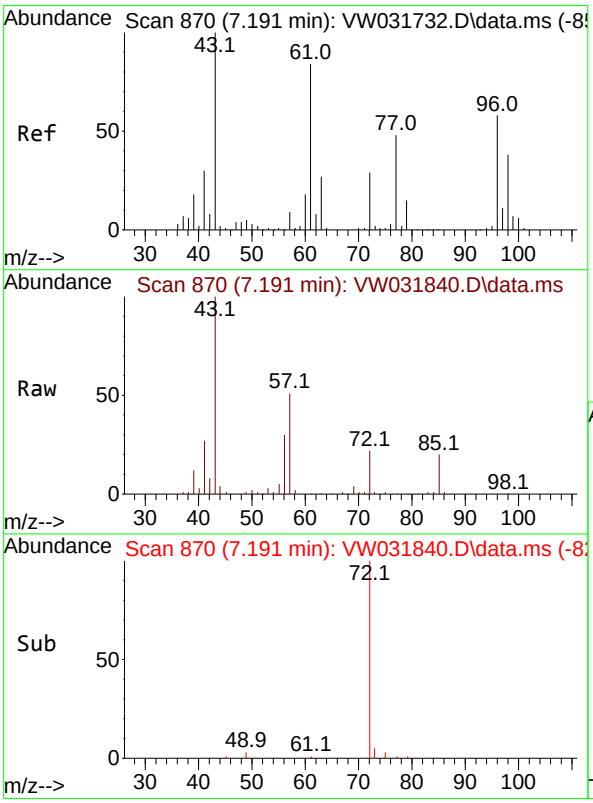
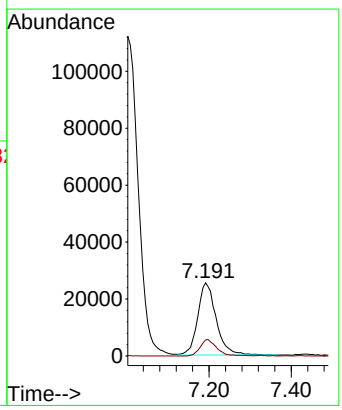


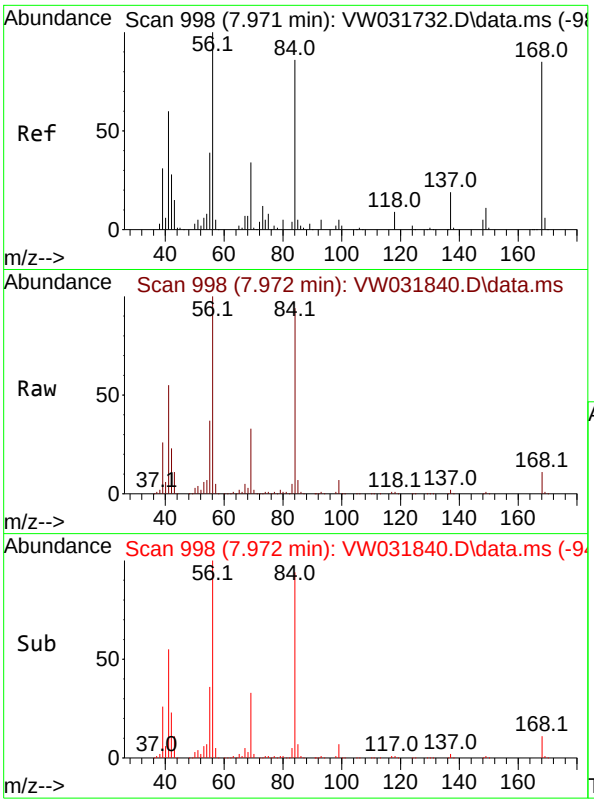


#25
2-Butanone
Concen: 81.491 ug/l
RT: 7.191 min Scan# 870
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 43 Resp: 79299

Ion	Ratio	Lower	Upper
43	100		
72	22.1	23.0	34.6#

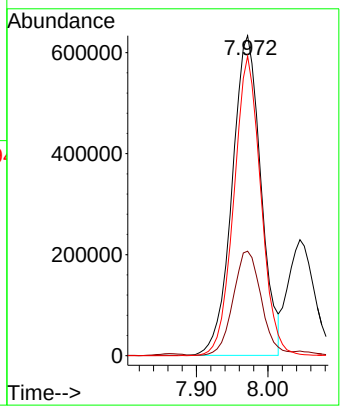




#31
Cyclohexane
Concen: 411.327 ug/l
RT: 7.972 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 56 Resp: 177234

Ion	Ratio	Lower	Upper
56	100		
69	32.2	27.2	40.8
84	93.7	68.5	102.7



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

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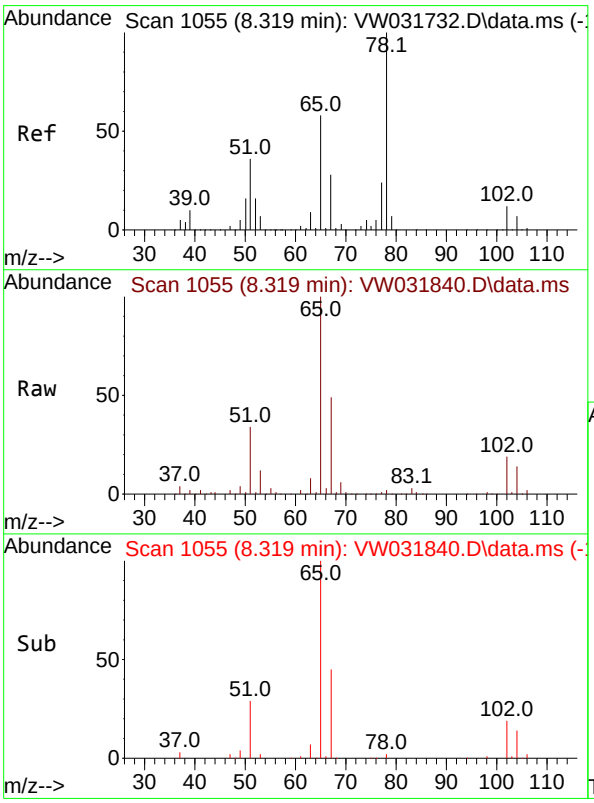
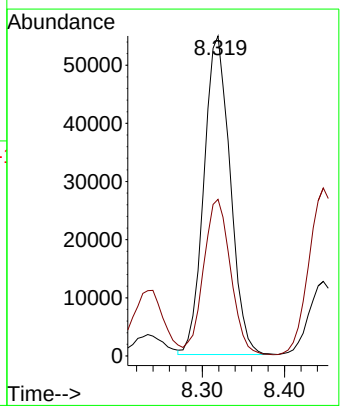
Supervised By :Mahesh Dadoda 07/16/2025

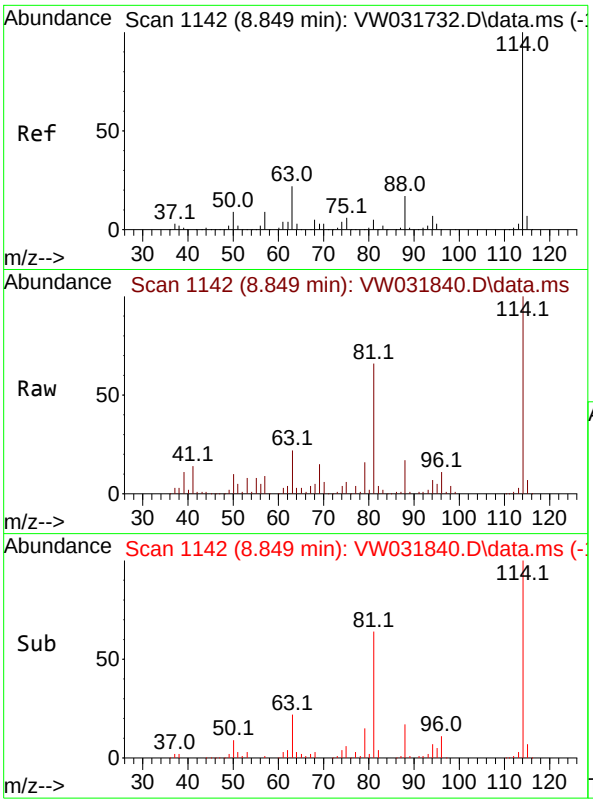


#33
1,2-Dichloroethane-d4
Concen: 40.155 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 65 Resp: 121517

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.4





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:114 Resp: 39009

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.6
88	16.7	0.0	34.2

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

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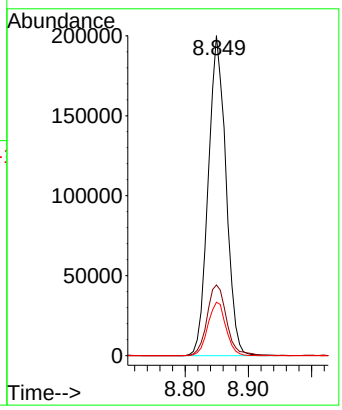
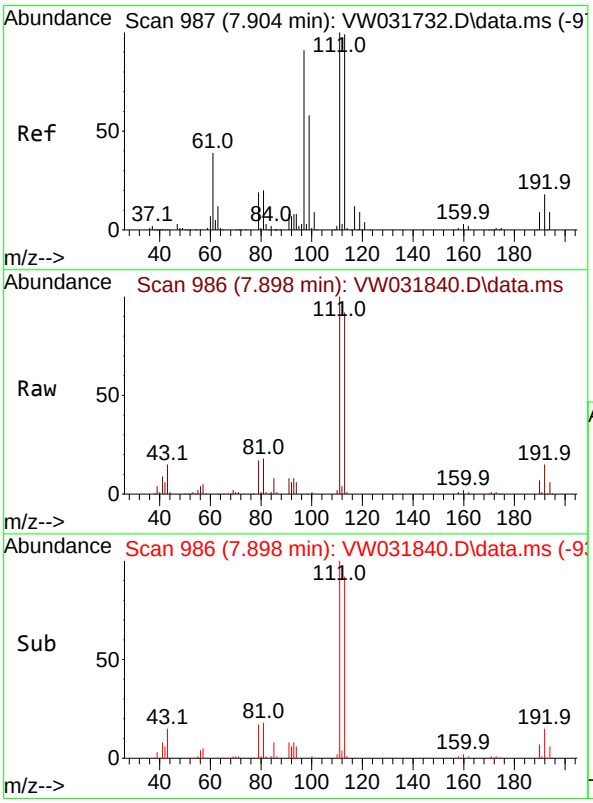
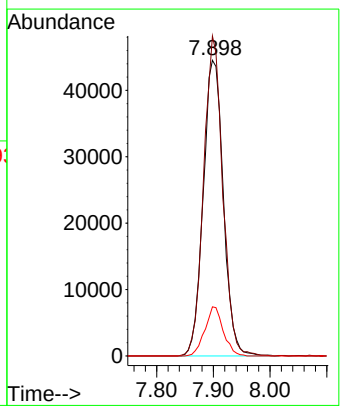


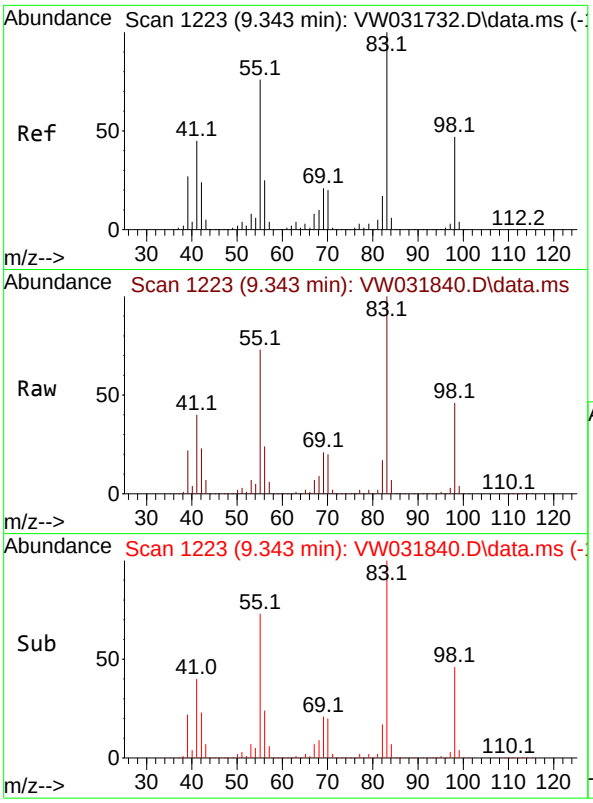


#35
Dibromofluoromethane
Concen: 43.171 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:113 Resp: 109893

Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	15.2	13.8	20.6

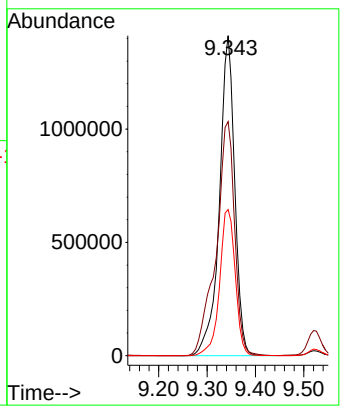




#39
Methylcyclohexane
Concen: 678.321 ug/l
RT: 9.343 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 83 Resp: 310870

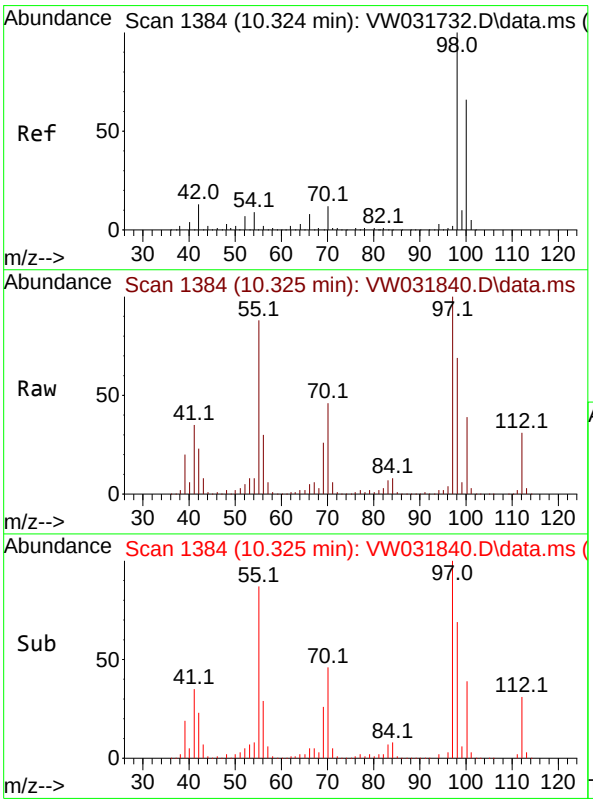
Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.0	91.4
98	45.6	37.9	56.9



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

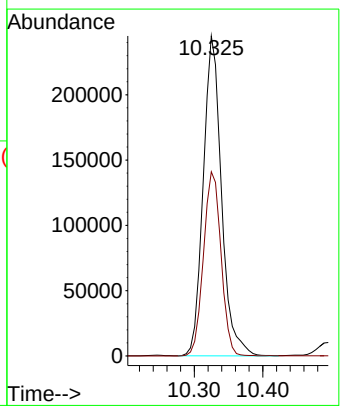
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

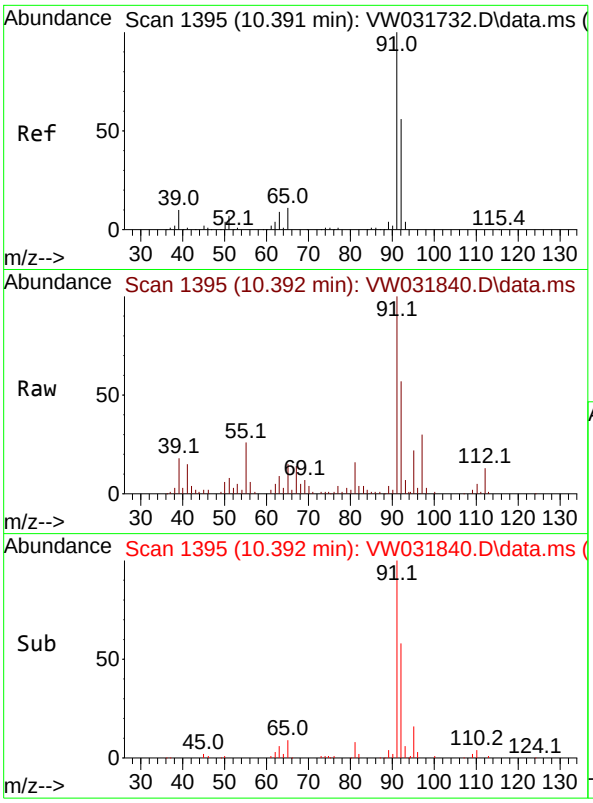


#50
Toluene-d8
Concen: 48.011 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 98 Resp: 454812

Ion	Ratio	Lower	Upper
98	100		
100	55.2	53.0	79.4

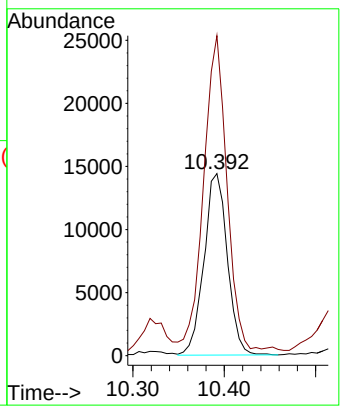




#52
Toluene
Concen: 3.660 ug/l
RT: 10.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 92 Resp: 2553

Ion	Ratio	Lower	Upper
92	100		
91	170.3	139.5	209.3



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

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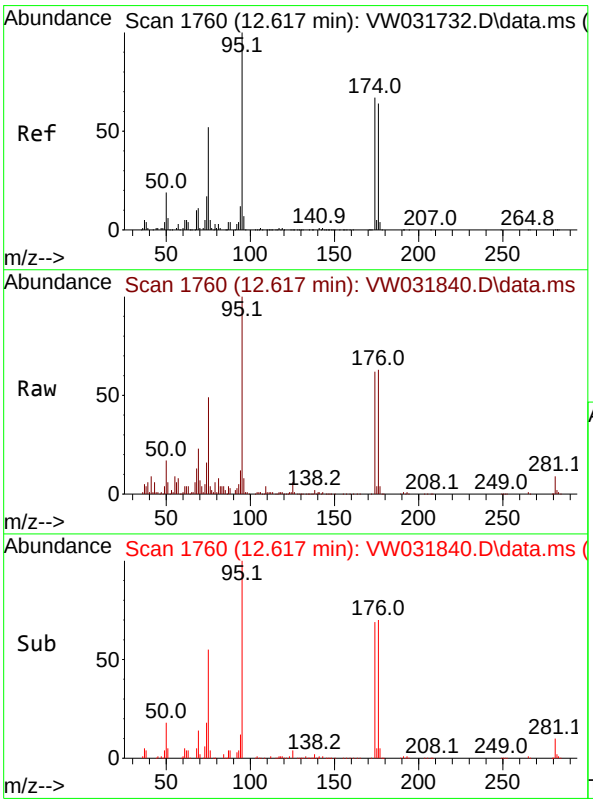
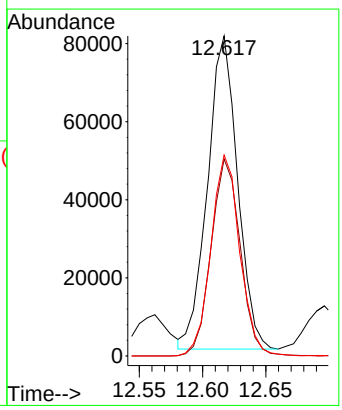
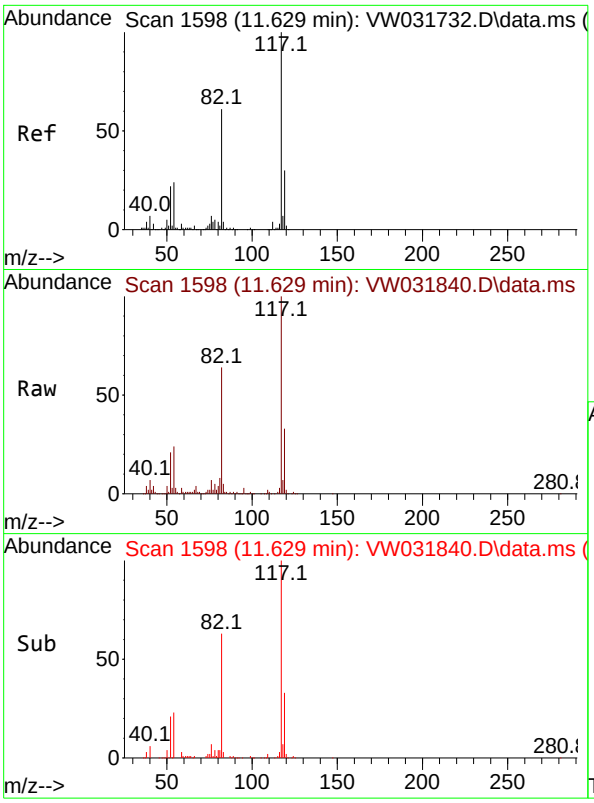


#62
4-Bromofluorobenzene
Concen: 38.022 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 95 Resp: 132548

Ion	Ratio	Lower	Upper
95	100		
174	61.0	0.0	133.8
176	61.5	0.0	126.0

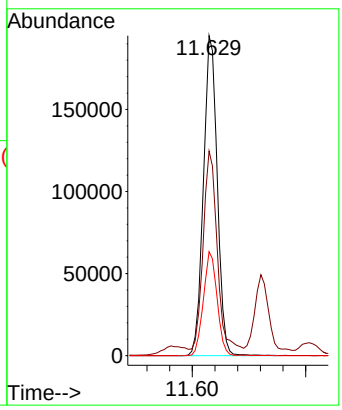




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:117 Resp: 33023

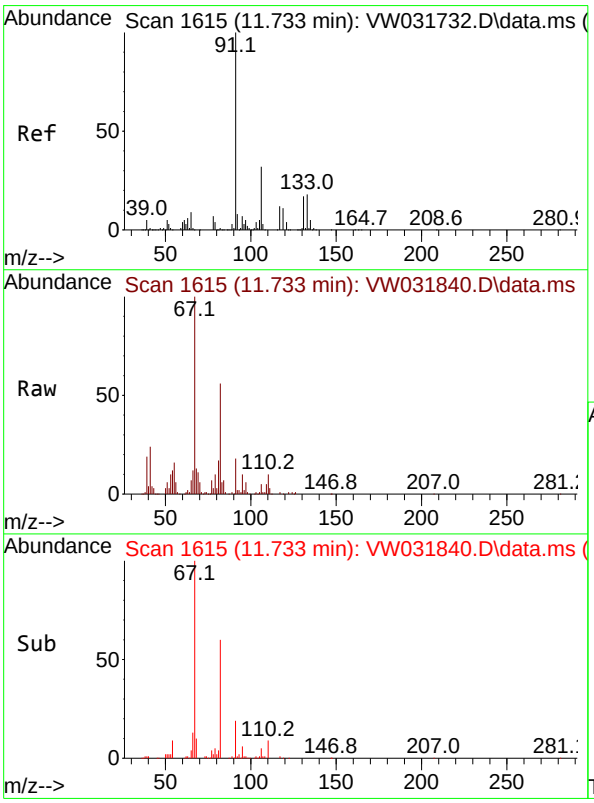
Ion	Ratio	Lower	Upper
117	100		
82	61.6	48.6	72.8
119	32.5	23.9	35.9



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

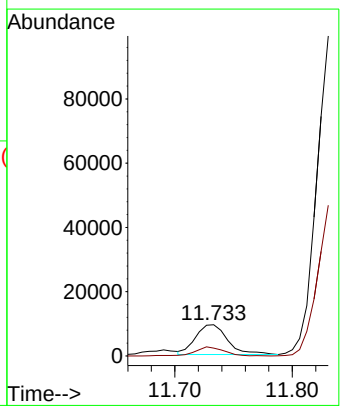
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

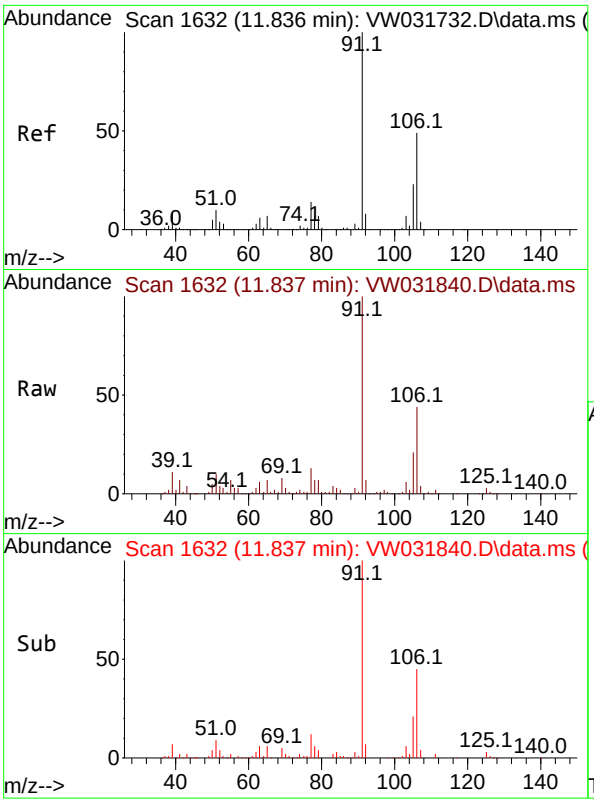


#67
Ethyl Benzene
Concen: 1.390 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 91 Resp: 17565

Ion	Ratio	Lower	Upper
91	100		
106	25.4	25.4	38.2

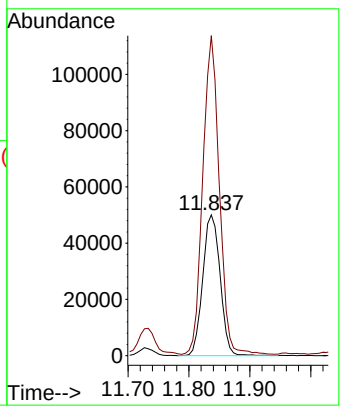




#68
m/p-Xylenes
Concen: 20.396 ug/l
RT: 11.837 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:106 Resp: 9906

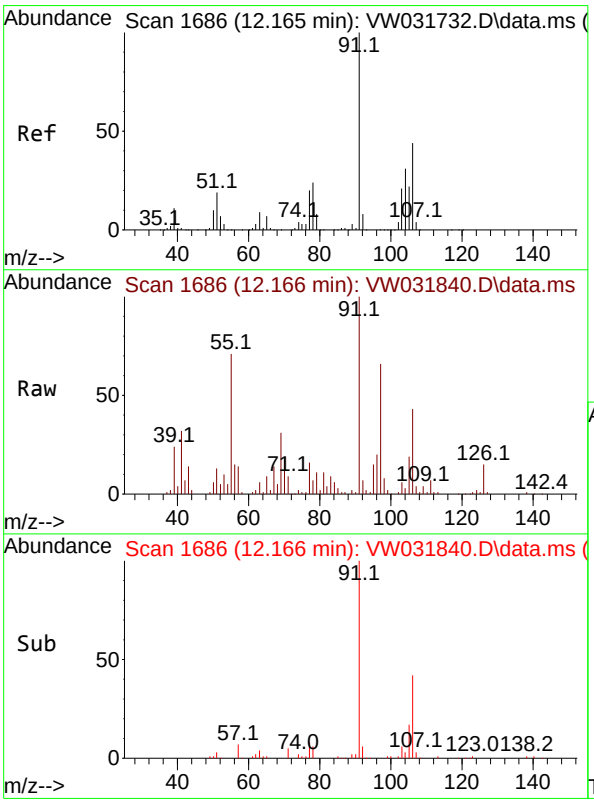
Ion	Ratio	Lower	Upper
106	100		
91	215.0	166.4	249.6



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

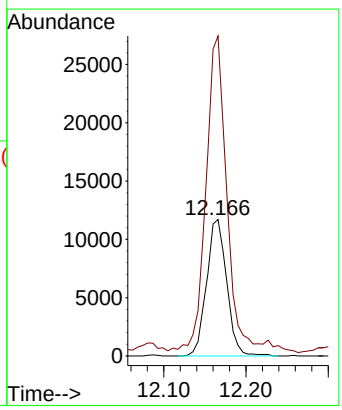
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

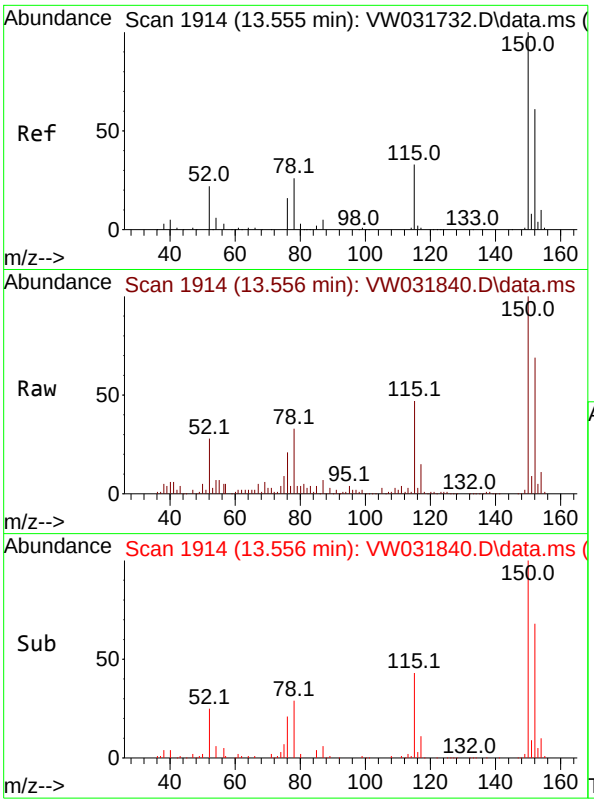


#69
o-Xylene
Concen: 4.431 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:106 Resp: 19927

Ion	Ratio	Lower	Upper
106	100		
91	235.1	111.5	334.4

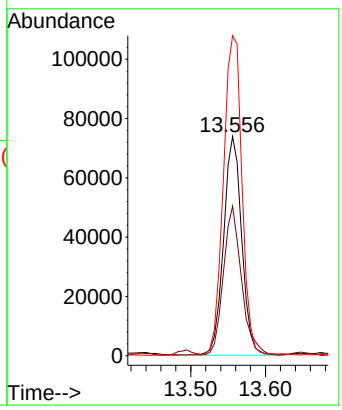




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:152 Resp: 12444

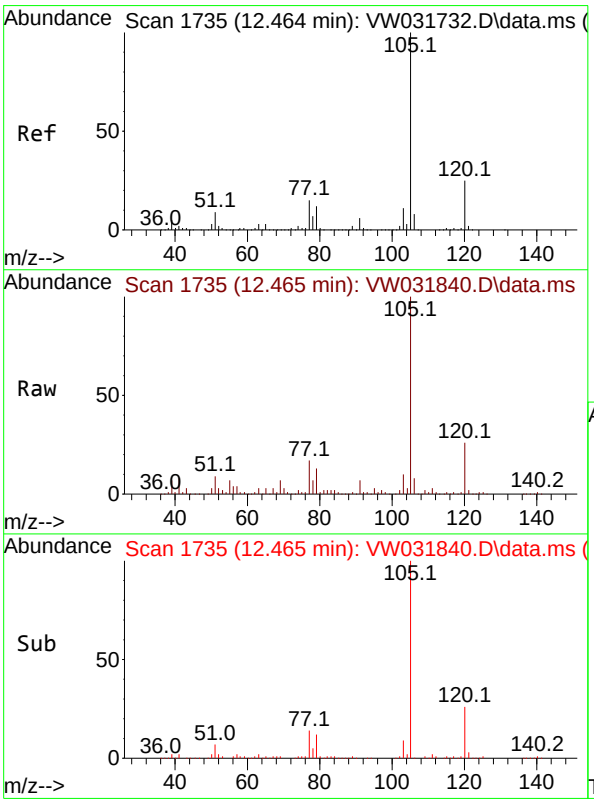
Ion	Ratio	Lower	Upper
152	100		
115	68.3	31.9	95.7
150	150.0	0.0	356.4



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

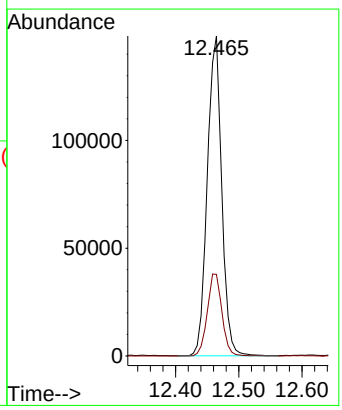
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

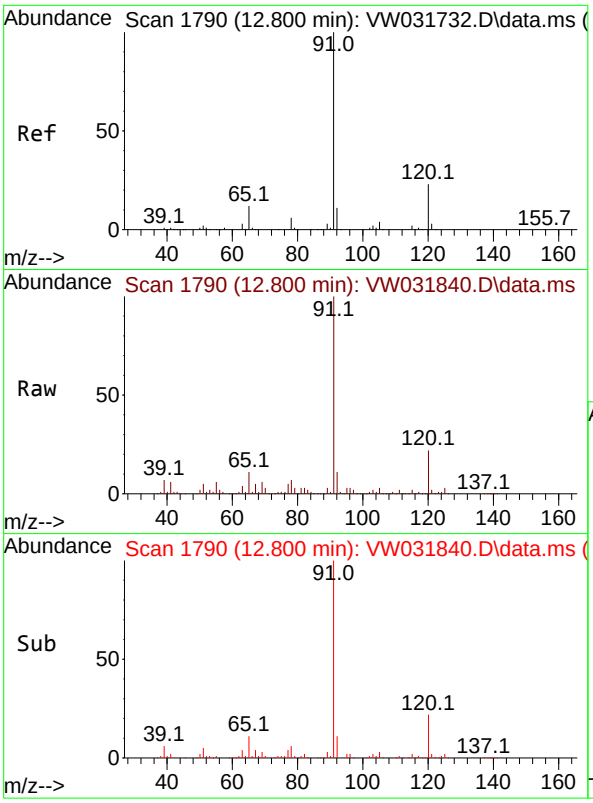


#73
Isopropylbenzene
Concen: 24.857 ug/l
RT: 12.465 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:105 Resp: 235287

Ion	Ratio	Lower	Upper
105	100		
120	26.1	12.8	38.4

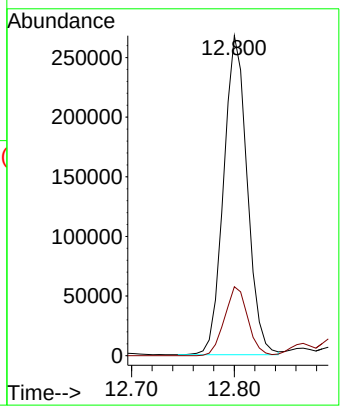




#78
n-propylbenzene
Concen: 37.608 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 91 Resp: 42629

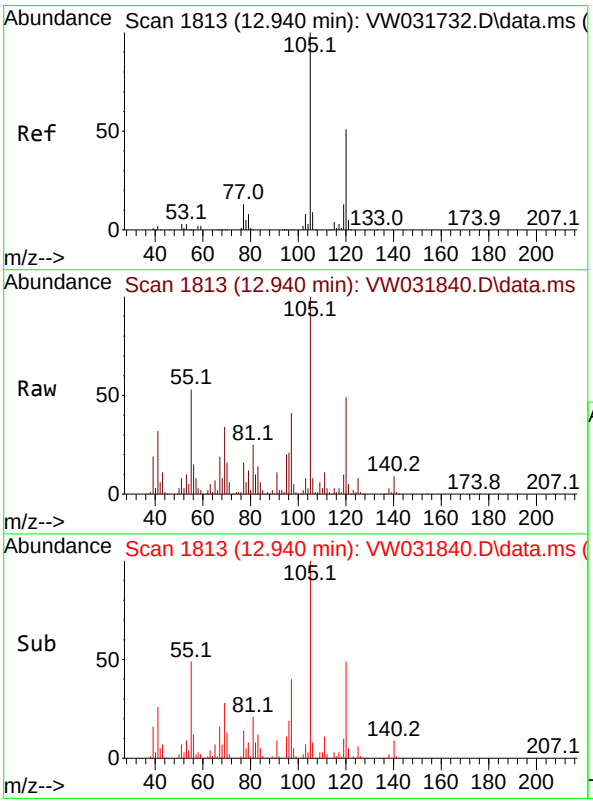
Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.5	34.4



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

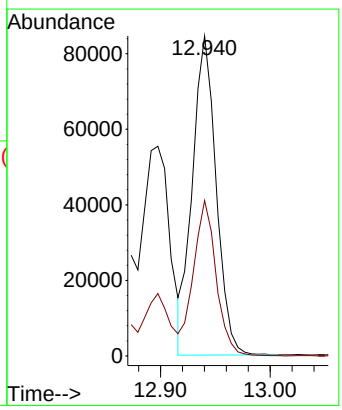
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

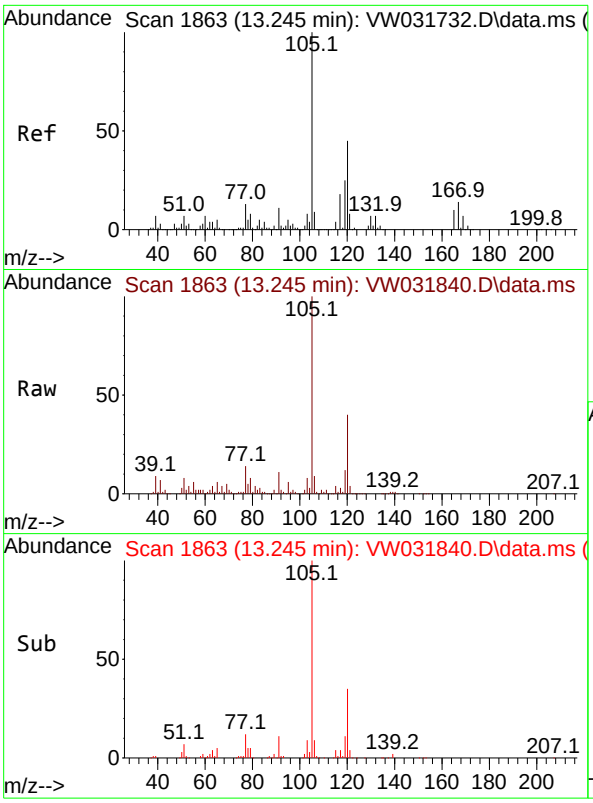


#80
1,3,5-Trimethylbenzene
Concen: 16.250 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:105 Resp: 127325

Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.8	71.2

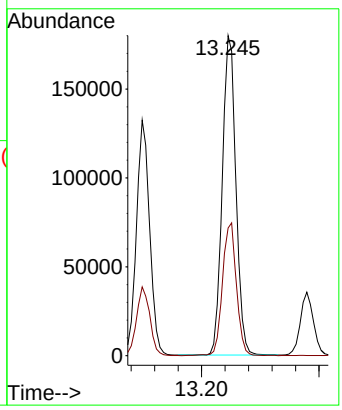




#84
1,2,4-Trimethylbenzene
Concen: 36.475 ug/l
RT: 13.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:105 Resp: 28957

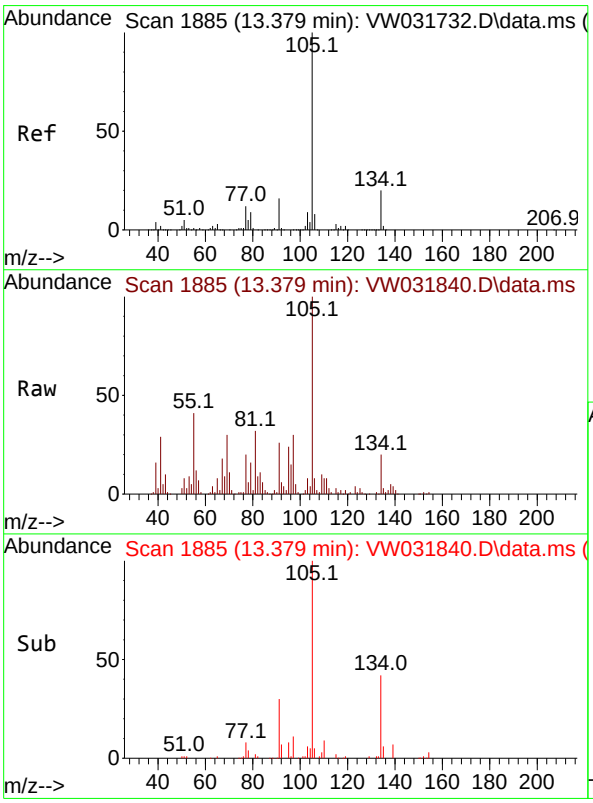
Ion	Ratio	Lower	Upper
105	100		
120	42.5	22.1	66.1



Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

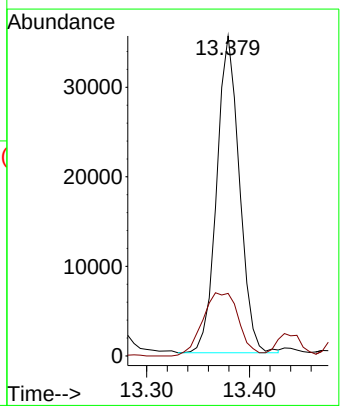
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

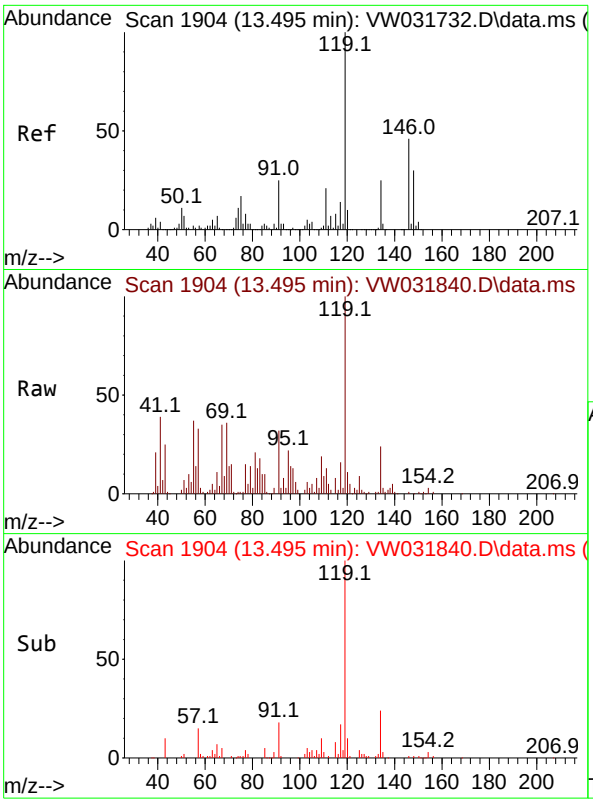


#85
sec-Butylbenzene
Concen: 5.381 ug/l
RT: 13.379 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion:105 Resp: 54204

Ion	Ratio	Lower	Upper
105	100		
134	31.8	9.6	28.8#





#86
p-Isopropyltoluene
Concen: 4.334 ug/l
RT: 13.495 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

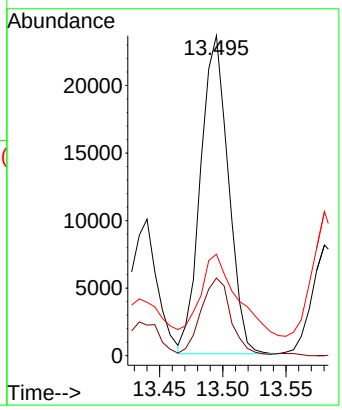
Tgt Ion:119 Resp: 3598

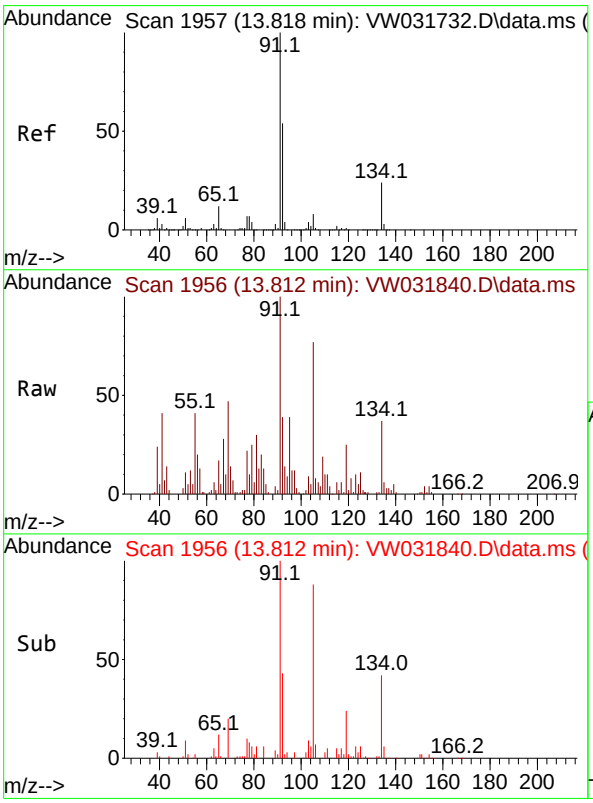
Ion	Ratio	Lower	Upper
119	100		
134	25.5	12.9	38.7
91	33.5	12.7	38.0

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

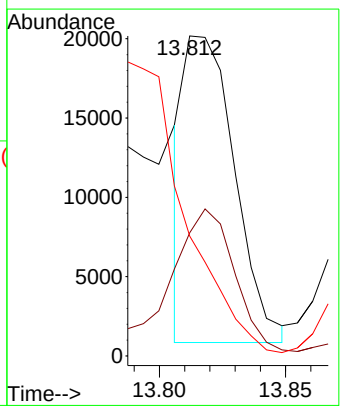




#89
n-Butylbenzene
Concen: 3.332 ug/l m
RT: 13.812 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VW031840.D
Acq: 14 Jul 2025 11:16

Tgt Ion: 91 Resp: 26880

Ion	Ratio	Lower	Upper
91	100		
92	60.1	27.2	81.5
134	0.0	12.2	36.6#



Sample Results: **VW031840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

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_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031840.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	185	195	215	rBV	580898	1669675	9.19%	1.134%
2	4.155	359	372	393	rBV2	115481	439597	2.42%	0.299%
3	4.936	482	500	504	rBV3	536046	1901067	10.46%	1.292%
4	5.466	568	587	624	rBV	1536297	5900412	32.47%	4.009%
5	5.966	656	669	686	rVB2	127992	401645	2.21%	0.273%
6	6.313	715	726	738	rBV2	74845	235547	1.30%	0.160%
7	6.746	784	797	810	rBV4	158298	551578	3.04%	0.375%
8	6.899	810	822	829	rVV2	305627	1004608	5.53%	0.683%
9	7.002	829	839	860	rVV	4700868	14785699	81.37%	10.045%
10	7.191	861	870	887	rVB3	76465	268503	1.48%	0.182%
11	7.716	948	956	973	rVB2	155669	453450	2.50%	0.308%
12	7.972	973	998	1005	rBV3	3018902	9581725	52.73%	6.510%
13	8.045	1005	1010	1022	rVB	1048698	2688628	14.80%	1.827%
14	8.167	1022	1030	1036	rBV	1140530	2649625	14.58%	1.800%
15	8.234	1036	1041	1050	rVB	741383	1840052	10.13%	1.250%
16	8.319	1050	1055	1064	rVB	151246	354815	1.95%	0.241%
17	8.447	1064	1076	1082	rBV2	3086112	7776150	42.79%	5.283%
18	8.514	1082	1087	1093	rVV2	2647606	6082819	33.48%	4.132%
19	8.587	1093	1099	1110	rVB	3172409	7356657	40.49%	4.998%
20	8.703	1110	1118	1129	rVB	307486	662505	3.65%	0.450%
21	8.849	1131	1142	1147	rBV2	850406	1960372	10.79%	1.332%
22	9.075	1173	1179	1183	rBV	93389	194263	1.07%	0.132%
23	9.124	1183	1187	1205	rVB2	163724	388768	2.14%	0.264%
24	9.343	1207	1223	1239	rBV	6602085	18171098	100.00%	12.345%
25	9.520	1239	1252	1259	rBV	1225256	2401960	13.22%	1.632%
26	9.612	1259	1267	1275	rVB	1019812	2082366	11.46%	1.415%
27	9.758	1281	1291	1300	rVB2	1605898	3472582	19.11%	2.359%
28	9.855	1300	1307	1311	rBV	684506	1338685	7.37%	0.909%
29	9.904	1311	1315	1320	rVB2	317877	557706	3.07%	0.379%
30	9.959	1320	1324	1328	rBV2	166453	230731	1.27%	0.157%
31	10.087	1338	1345	1358	rBV3	494653	1271091	7.00%	0.864%
32	10.209	1358	1365	1368	rBV	476836	890228	4.90%	0.605%
33	10.246	1368	1371	1376	rVB2	282626	474246	2.61%	0.322%
34	10.325	1376	1384	1388	rBV2	2256722	4458912	24.54%	3.029%
35	10.361	1388	1390	1399	rVB2	653975	983332	5.41%	0.668%
36	10.447	1399	1404	1407	rBV	349416	600191	3.30%	0.408%

Sample Results: **VW031840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

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_W\Method\82W063025S.M
Title : SW846 8260

37	10.502	1407	1413	1422	rVB6	975232	2720301	14.97%	1.848%
38	10.617	1423	1432	1435	rBV3	157828	363531	2.00%	0.247%
39	10.666	1435	1440	1447	rVB	1182395	2070326	11.39%	1.407%
40	10.758	1447	1455	1462	rBV4	815630	1961150	10.79%	1.332%
41	10.849	1465	1470	1475	rVB3	132029	254061	1.40%	0.173%
42	10.934	1475	1484	1489	rBV5	110401	264123	1.45%	0.179%
43	11.014	1489	1497	1501	rBV4	164760	443910	2.44%	0.302%
44	11.105	1508	1512	1515	rBV3	172634	284586	1.57%	0.193%
45	11.142	1515	1518	1521	rVV2	264993	457947	2.52%	0.311%
46	11.178	1521	1524	1528	rVV	560151	804568	4.43%	0.547%
47	11.233	1528	1533	1538	rVB	897620	1573797	8.66%	1.069%
48	11.331	1545	1549	1555	rVB2	249027	435705	2.40%	0.296%
49	11.434	1555	1566	1575	rVB3	232557	525801	2.89%	0.357%
50	11.550	1581	1585	1593	rVB4	84919	181778	1.00%	0.123%
51	11.629	1593	1598	1609	rBV	655924	1302536	7.17%	0.885%
52	11.721	1609	1613	1617	rBV	218826	313815	1.73%	0.213%
53	11.837	1623	1632	1635	rBV2	278399	717324	3.95%	0.487%
54	11.873	1635	1638	1643	rVB3	137984	187784	1.03%	0.128%
55	12.038	1659	1665	1674	rBV3	85101	187742	1.03%	0.128%
56	12.135	1674	1681	1689	rBV3	331474	908077	5.00%	0.617%
57	12.245	1693	1699	1703	rVB2	149476	331669	1.83%	0.225%
58	12.337	1709	1714	1719	rVV2	408691	881820	4.85%	0.599%
59	12.379	1719	1721	1725	rVV	201978	312600	1.72%	0.212%
60	12.459	1729	1734	1739	rVB	327694	548226	3.02%	0.372%
61	12.617	1754	1760	1767	rBV	420996	746335	4.11%	0.507%
62	12.696	1767	1773	1778	rBV2	164020	291657	1.61%	0.198%
63	12.800	1781	1790	1795	rBV2	604248	1685528	9.28%	1.145%
64	12.861	1795	1800	1803	rBV4	165048	308313	1.70%	0.209%
65	12.940	1808	1813	1818	rVB4	445942	885976	4.88%	0.602%
66	13.099	1826	1839	1845	rBV2	350989	933757	5.14%	0.634%
67	13.166	1845	1850	1858	rVB6	229126	534024	2.94%	0.363%
68	13.251	1858	1864	1868	rBV	521281	895335	4.93%	0.608%
69	13.440	1889	1895	1899	rVV5	163585	357687	1.97%	0.243%
70	13.483	1899	1902	1909	rVV6	106279	219720	1.21%	0.149%
71	13.556	1909	1914	1922	rVB2	460630	1077040	5.93%	0.732%
72	13.708	1931	1939	1942	rBV4	126447	344329	1.89%	0.234%
73	13.751	1942	1946	1950	rVV2	301076	489506	2.69%	0.333%
74	13.794	1950	1953	1961	rVB4	165997	351012	1.93%	0.238%
75	13.873	1961	1966	1972	rBV2	465948	846811	4.66%	0.575%
76	14.092	1997	2002	2006	rBV	329445	488335	2.69%	0.332%

Sample Results: **VW031840.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

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_W\Method\82W063025S.M
Title : SW846 8260

77	14.202	2014	2020	2025	rBV2	568056	916975	5.05%	0.623%
78	14.336	2036	2042	2046	rBV4	163768	307510	1.69%	0.209%
79	14.379	2046	2049	2052	rVV2	207223	313893	1.73%	0.213%
80	14.416	2052	2055	2058	rVV3	164136	241784	1.33%	0.164%
81	14.452	2058	2061	2064	rVB	253190	307658	1.69%	0.209%
82	14.495	2064	2068	2071	rBV	238074	297795	1.64%	0.202%
83	14.537	2071	2075	2082	rVB4	192658	407152	2.24%	0.277%
84	14.635	2082	2091	2095	rVB2	298292	555484	3.06%	0.377%
85	14.690	2095	2100	2103	rBV3	225637	465386	2.56%	0.316%
86	14.726	2103	2106	2110	rVB	254362	360014	1.98%	0.245%
87	14.787	2110	2116	2132	rBV4	867871	2726443	15.00%	1.852%
88	15.019	2150	2154	2155	rVV3	143461	199003	1.10%	0.135%
89	15.056	2155	2160	2164	rVV3	472245	1035564	5.70%	0.704%
90	15.092	2164	2166	2172	rVV3	285509	552850	3.04%	0.376%
91	15.171	2172	2179	2188	rVB4	570441	1327766	7.31%	0.902%
92	15.318	2197	2203	2212	rVB5	402881	861189	4.74%	0.585%
93	15.458	2221	2226	2230	rVV	208802	352762	1.94%	0.240%
94	15.513	2231	2235	2239	rVV2	119723	195001	1.07%	0.132%
95	15.647	2249	2257	2263	rBV4	163787	409092	2.25%	0.278%
96	15.806	2278	2283	2288	rVB4	106873	246983	1.36%	0.168%
97	16.007	2310	2316	2322	rBV4	95278	254136	1.40%	0.173%
98	16.159	2333	2341	2346	rBV4	115348	290711	1.60%	0.198%

Sum of corrected areas: 147194981

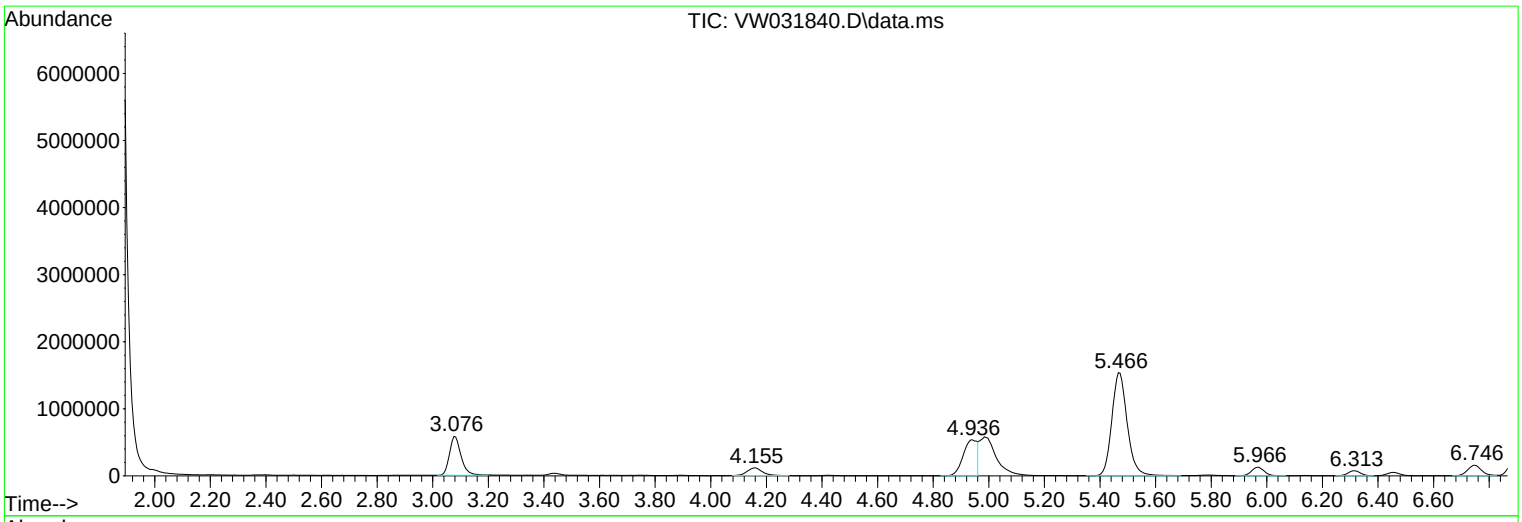
Sample Results: **VW031840.D**

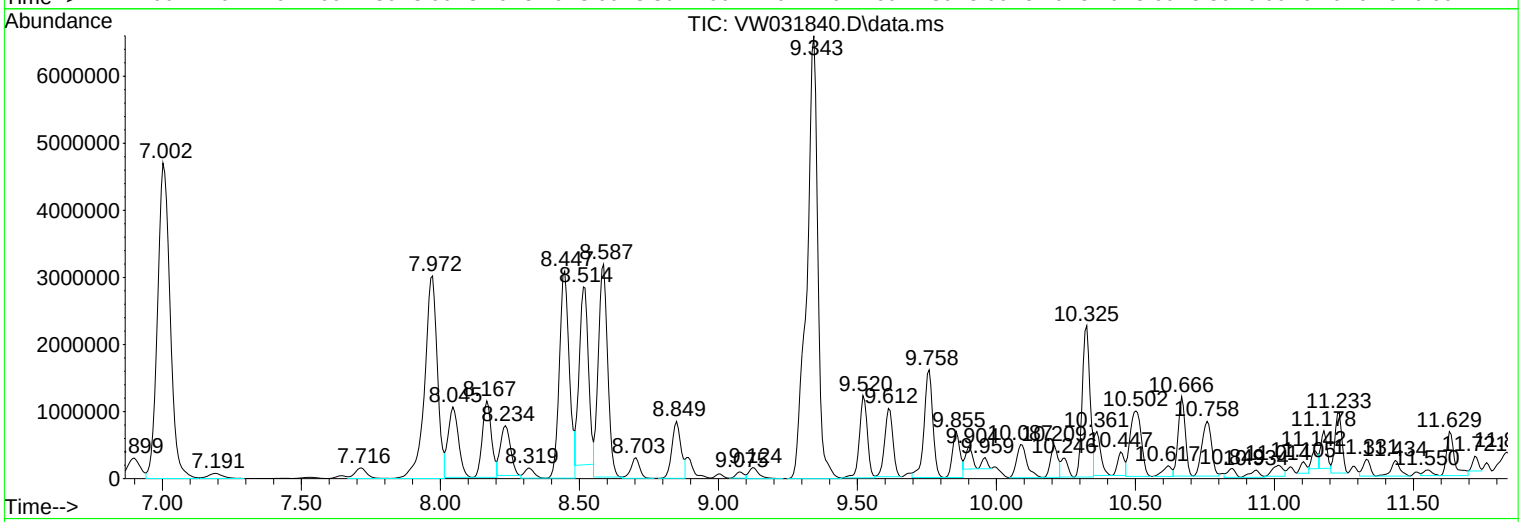
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

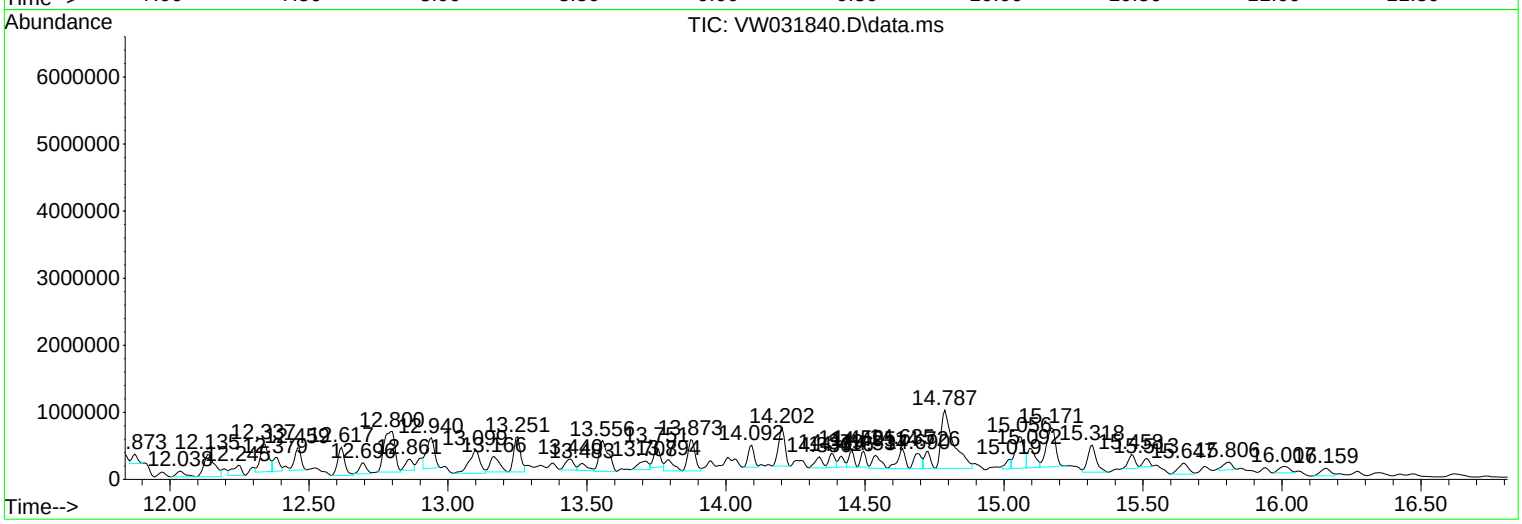
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

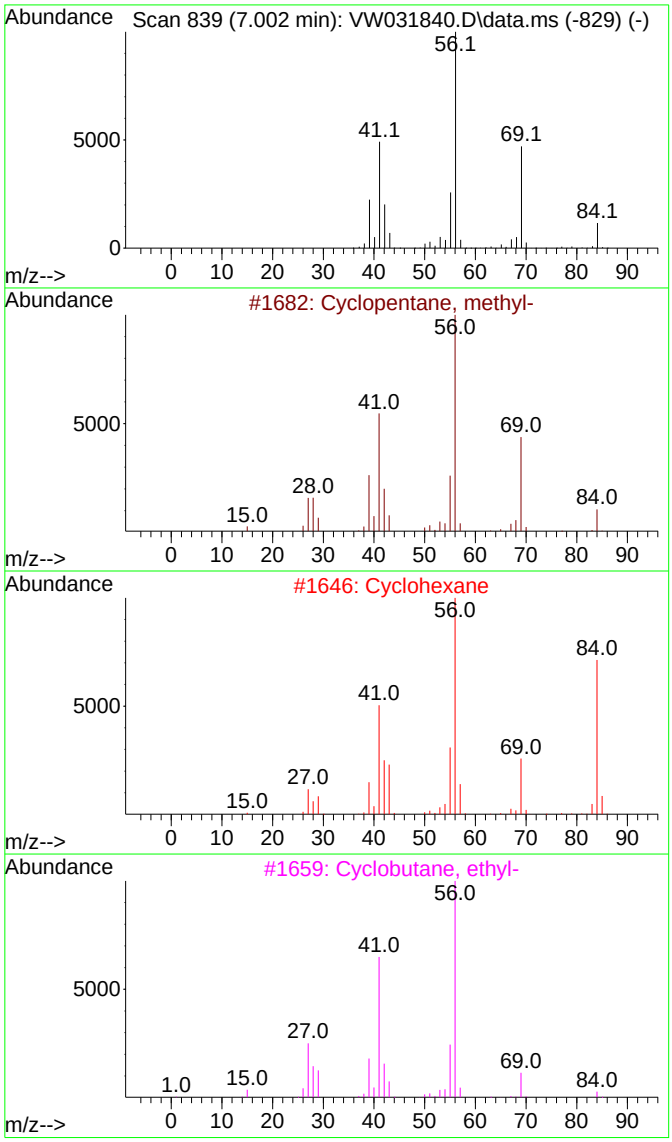
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

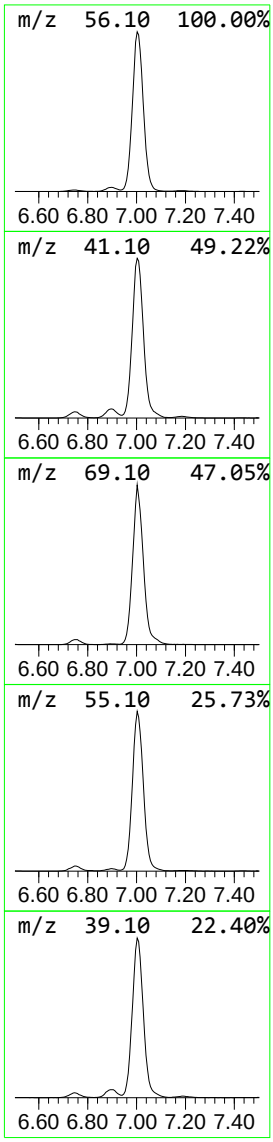
****

Peak Number 1 Cyclopentane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.002	77.16 ug/l	14785700	Pentafluorobenzene	7.959

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	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

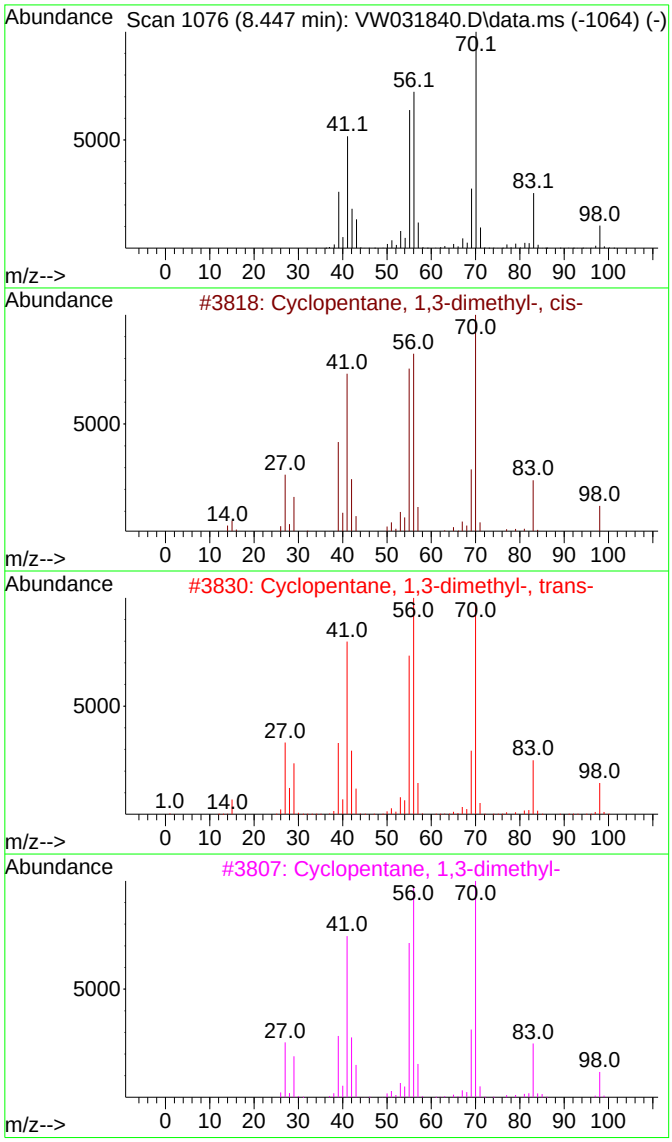
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

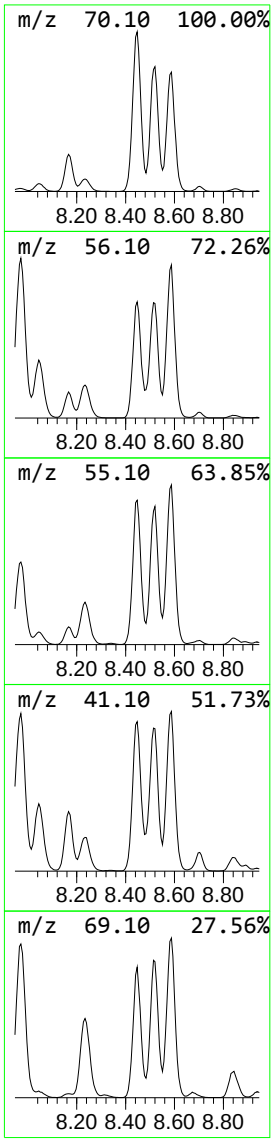
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, 1,3-dimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.447	198.33 ug/l	7776150	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	91
2	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
5	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

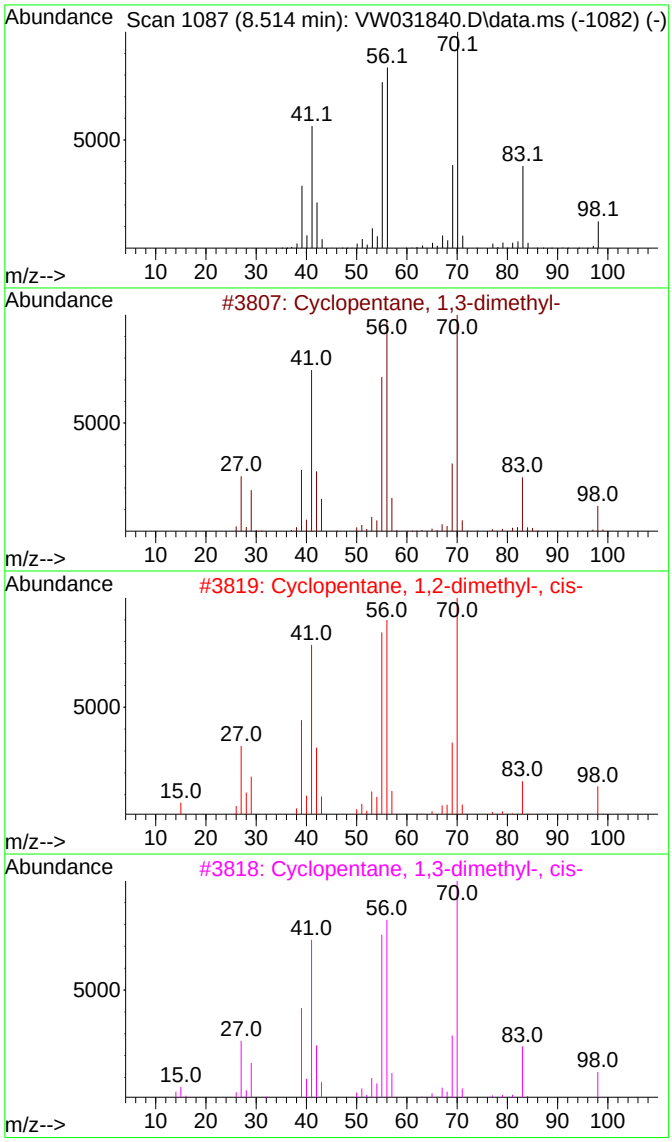
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

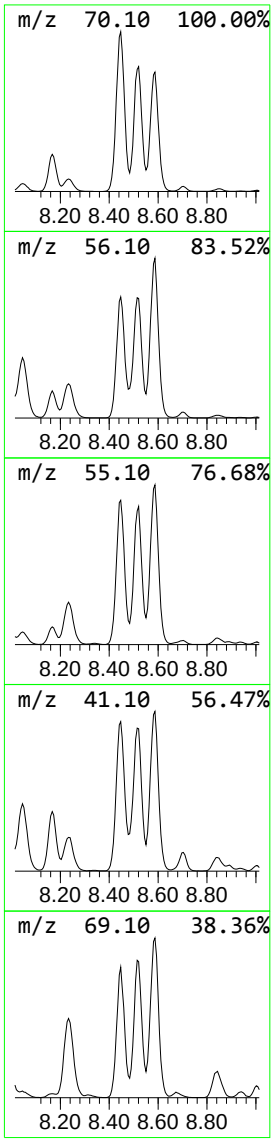
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.514	155.15 ug/l	6082820	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
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	90
5	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	58





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

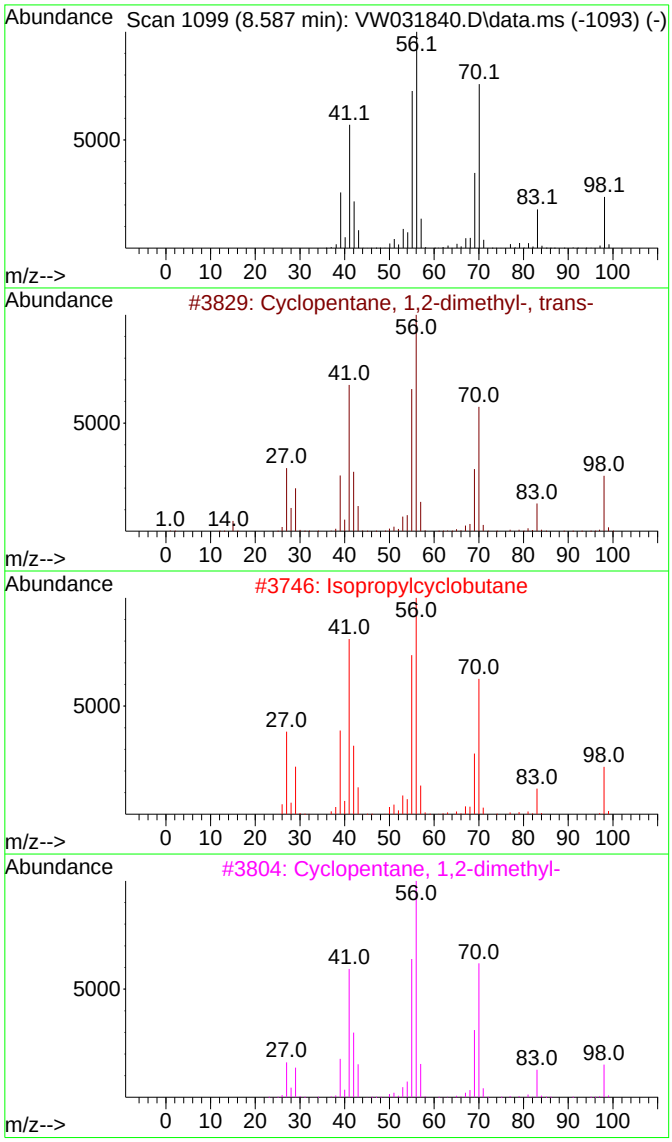
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

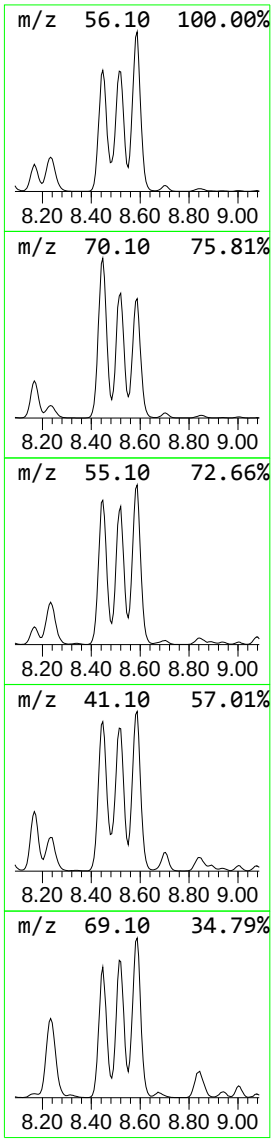
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1,2-dimethyl-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.587	187.63 ug/l	7356660	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	59
5	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	59





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

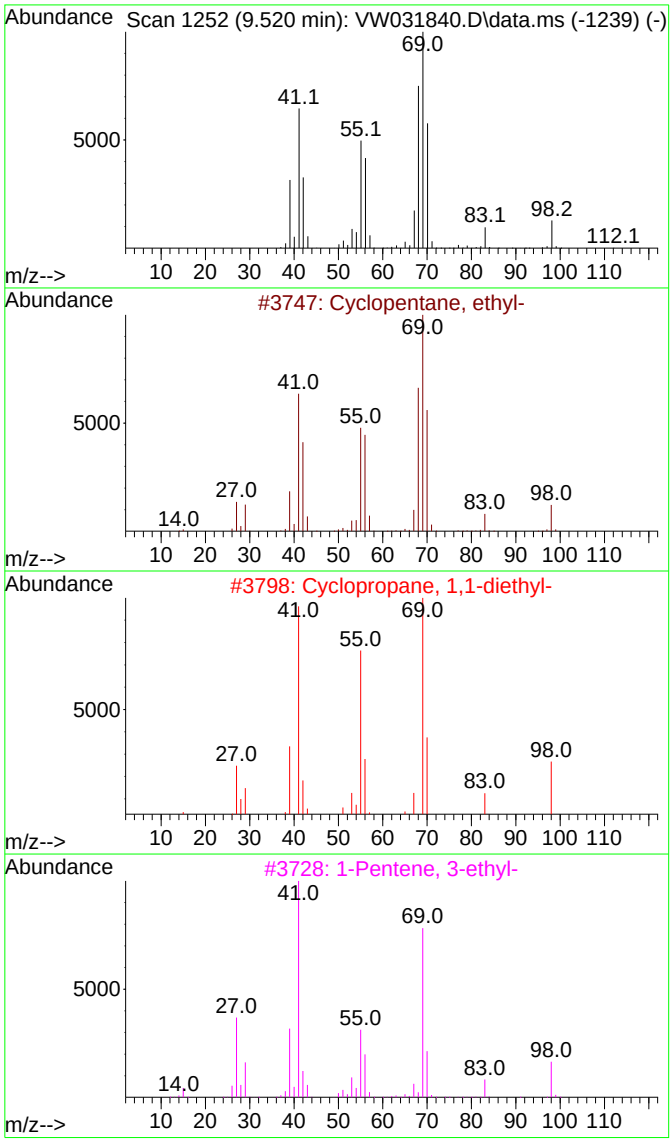
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

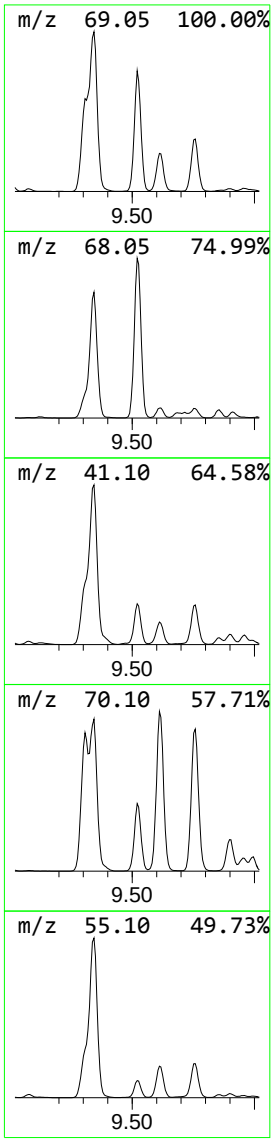
****

Peak Number 5 Cyclopentane, ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.520	61.26 ug/l	2401960	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	95
2	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
3	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	43
4	3-Methyl-2-hexene	98	C7H14	017618-77-8	43
5	(Z)-4-Methyl-2-hexene	98	C7H14	003683-19-0	35





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

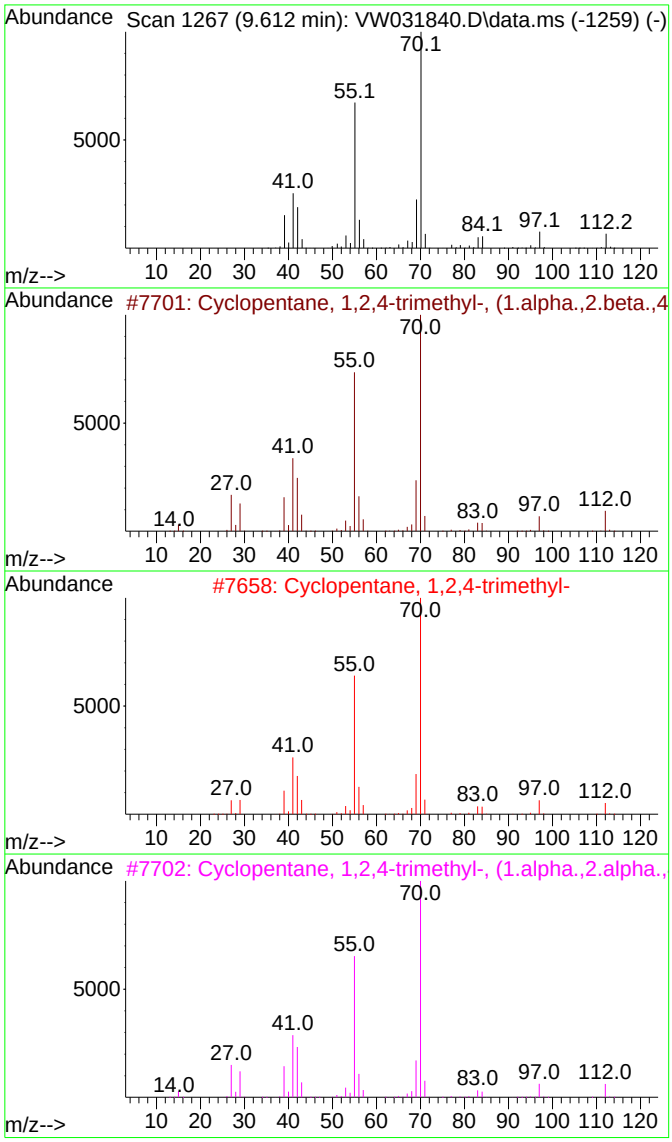
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

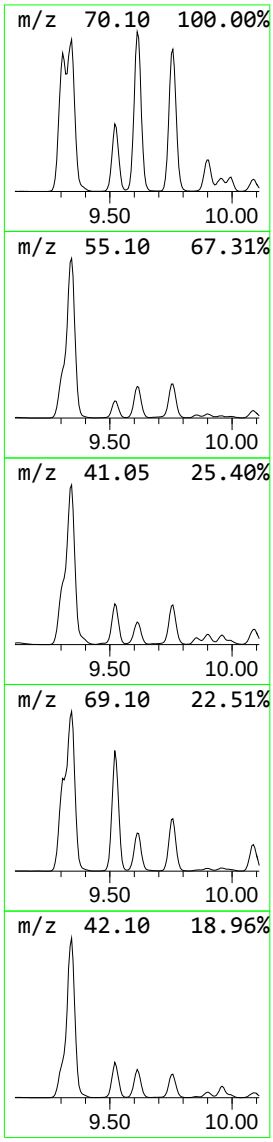
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, 1,2,4-trimeth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.612	53.11 ug/l	2082370	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	94
2	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	94
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	83
4	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	80
5	Hexane, 2-methyl-4-methylene-	112	C8H16	003404-80-6	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

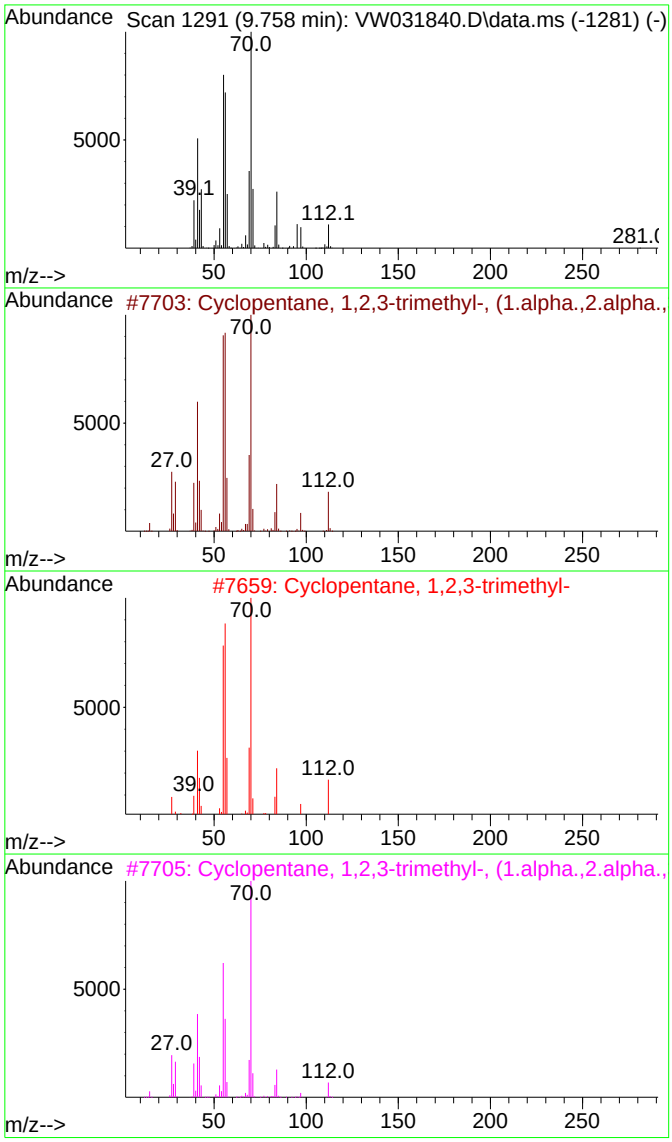
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

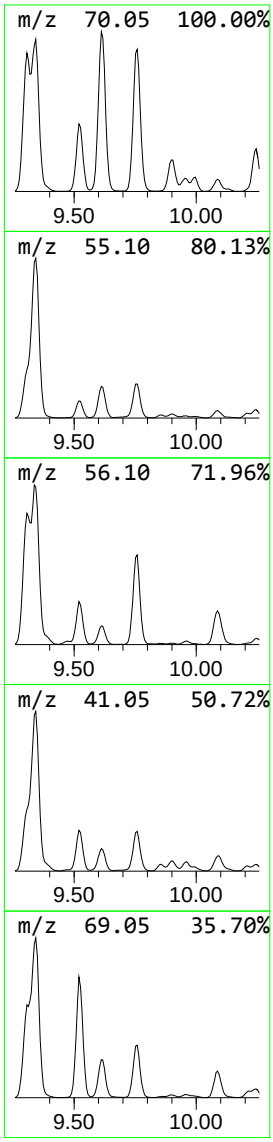
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,2,3-trimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	88.57 ug/l	3472580	1,4-Difluorobenzene	8.849

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	87
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	64
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	53
5	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	50





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Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On    : 14 Jul 2025  11:16
Operator  : SY/MD
Sample    : Q2503-03
Misc      : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial  : 6   Sample Multiplier: 1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title  : SW846 8260

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

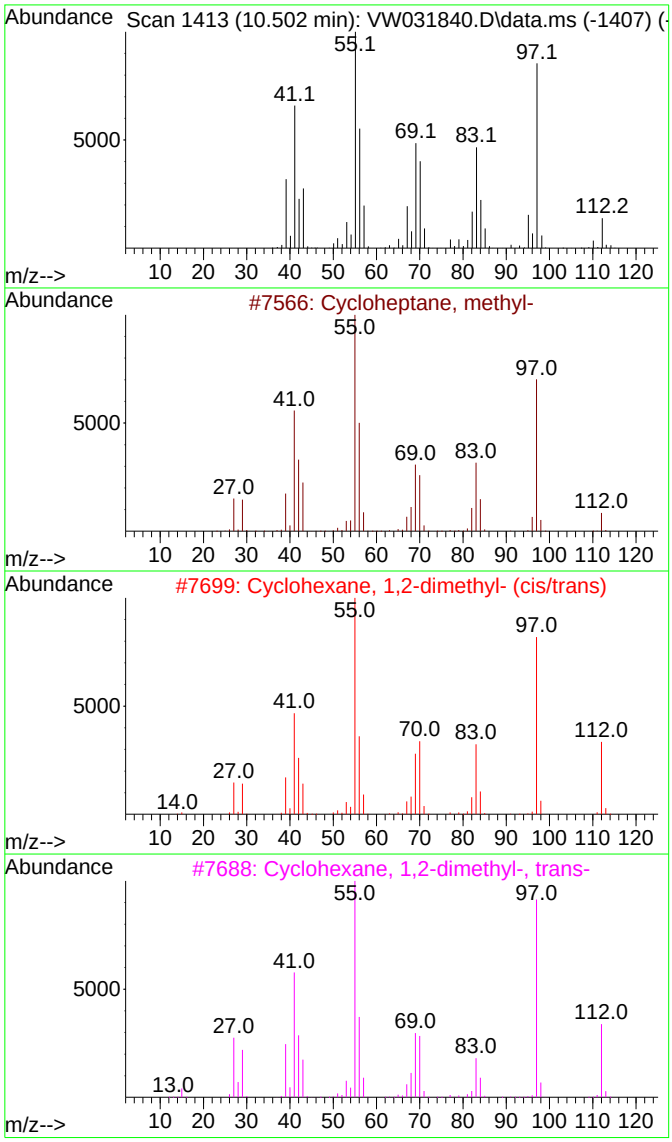
Instrument :
MSVOA_W
ClientSampleId :
GCAP2

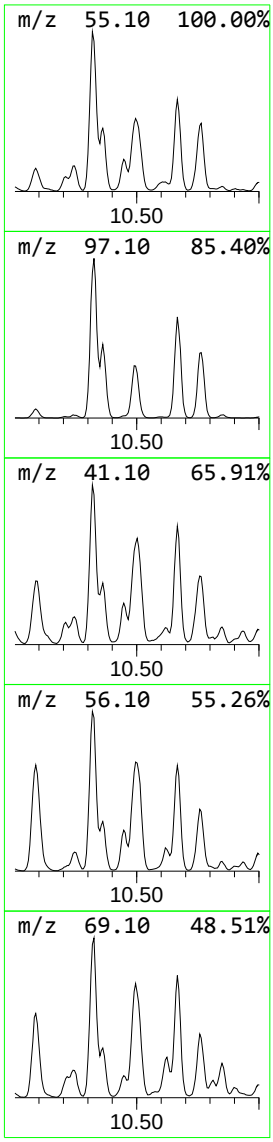
****

Peak Number 8 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.502	104.42 ug/l	2720300	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	87
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	68
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	68
4	1H-Pyrazol-4-amine, 3-methyl-	97	C4H7N3	1010338-28-2	49
5	3-Octene, (Z)-	112	C8H16	014850-22-7	45





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

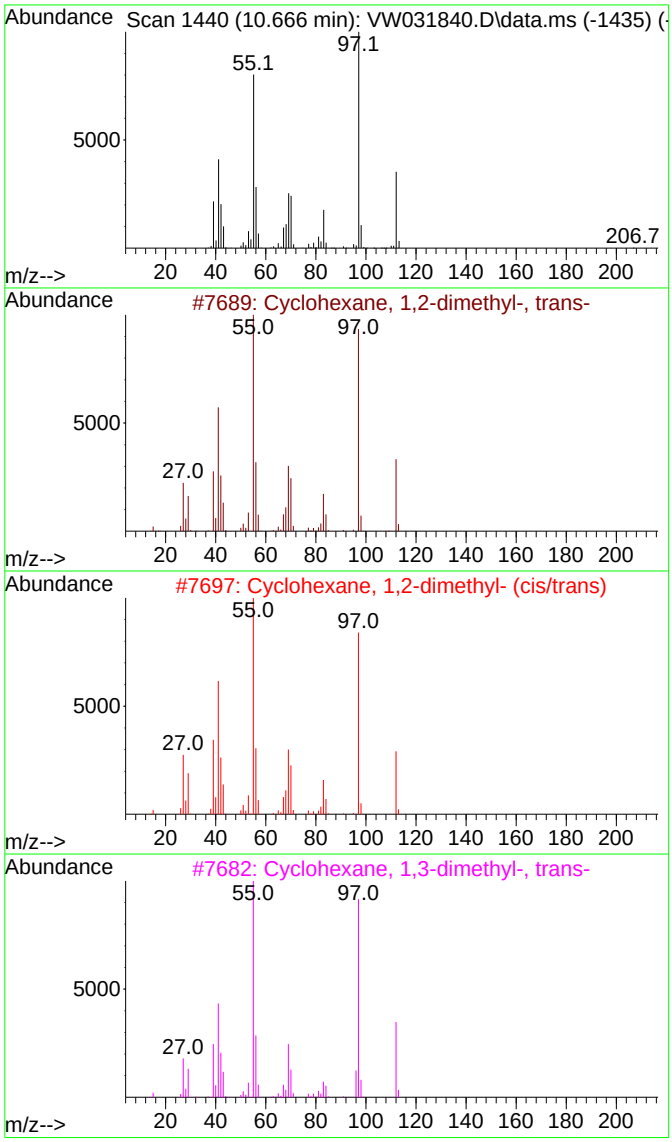
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

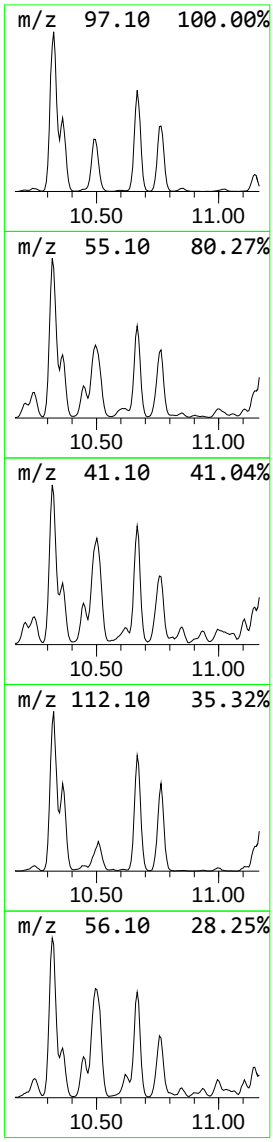
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	79.47 ug/l	2070330	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	94
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	91
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	83
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

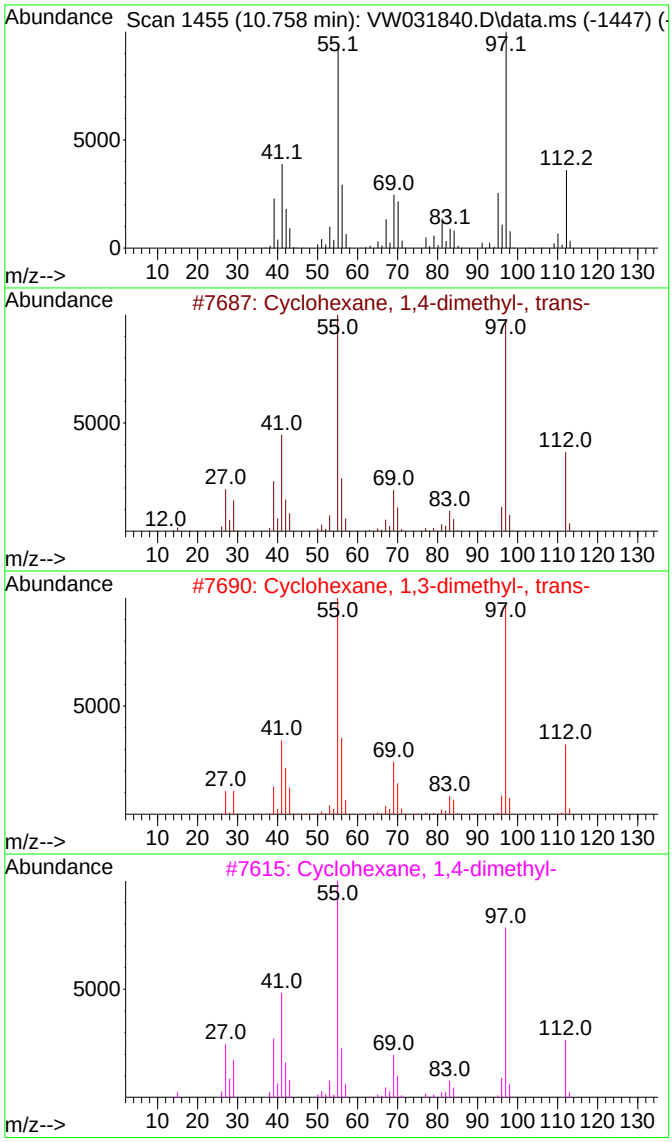
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

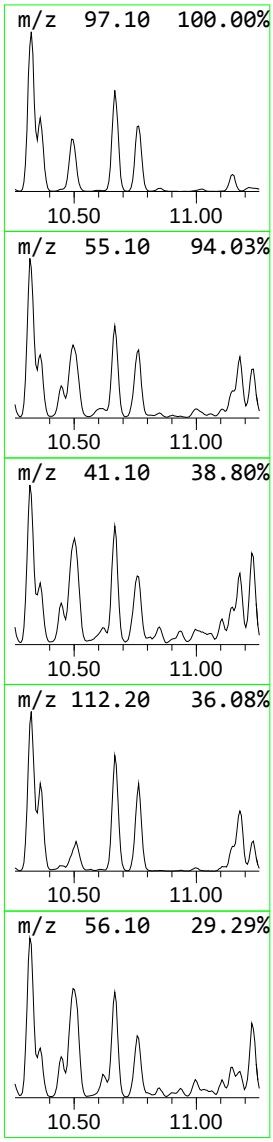
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.758	75.28 ug/l	1961150	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	94
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	93
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	87
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	81
5	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

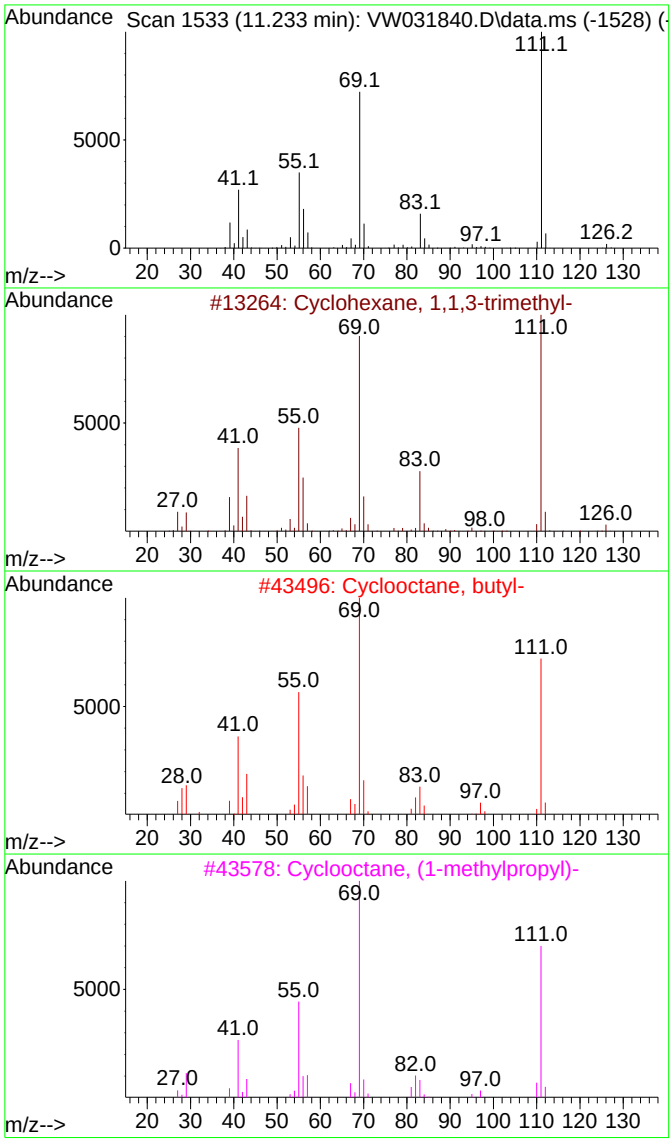
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

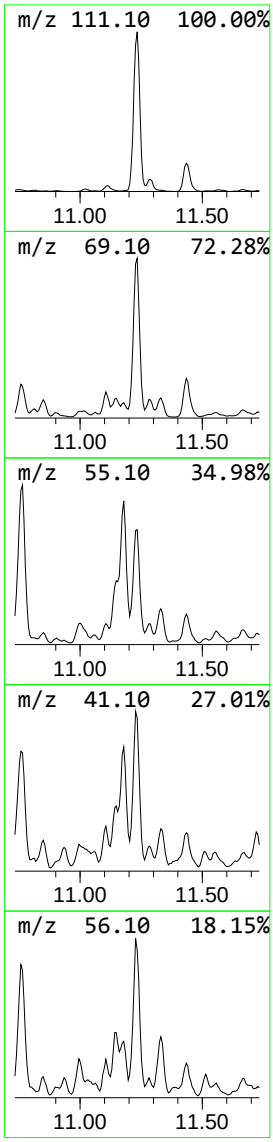
****

Peak Number 11 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.233	60.41 ug/l	1573800	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	92
2	Cyclooctane, butyl-	168	C12H24	016538-93-5	74
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	56





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

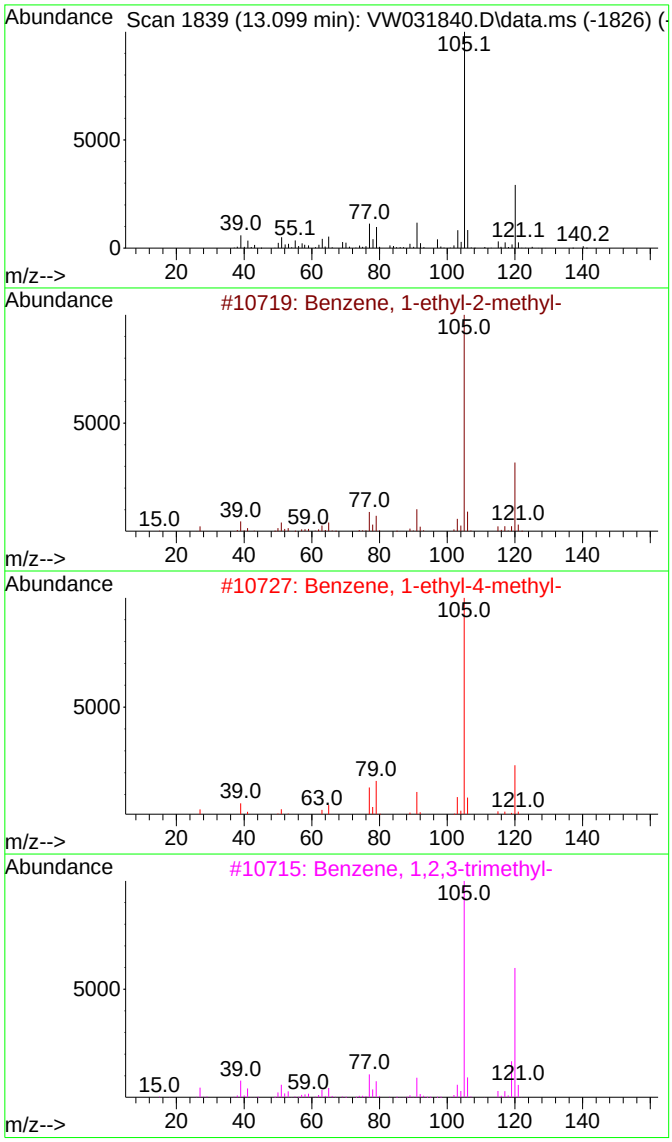
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

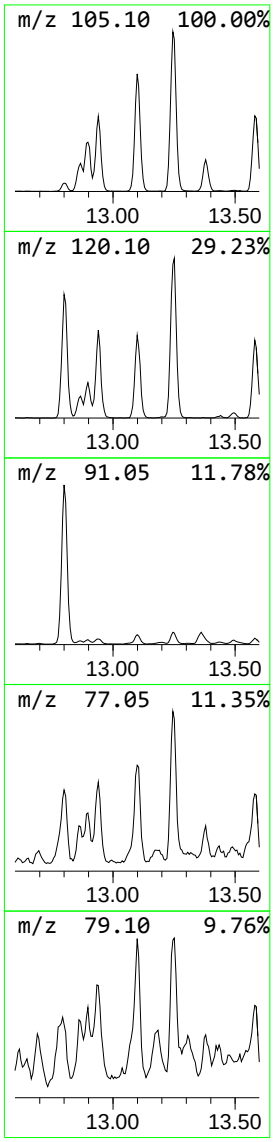
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.099	43.35 ug/l	933757	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

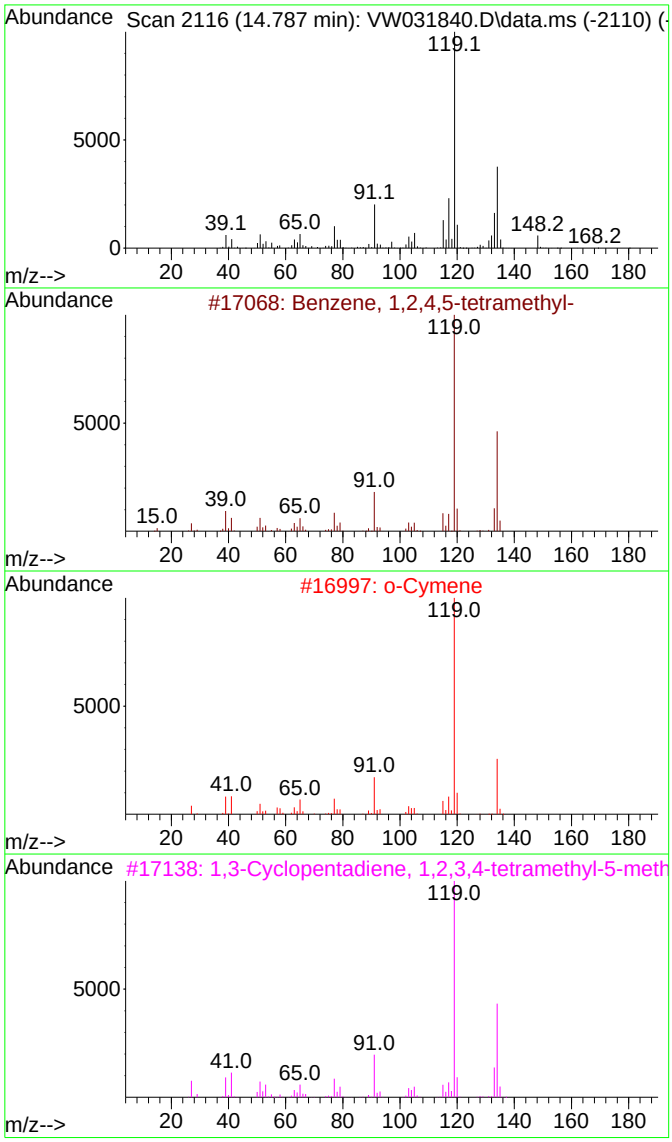
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

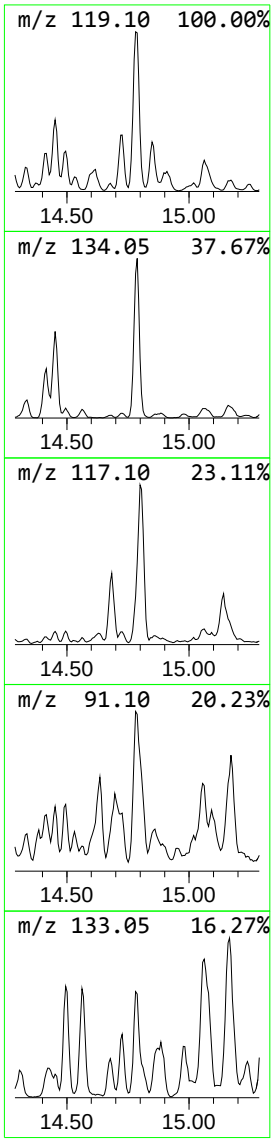
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.787	126.57 ug/l	2726440	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
2	o-Cymene	134	C10H14	000527-84-4	93
3	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	76
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	76





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

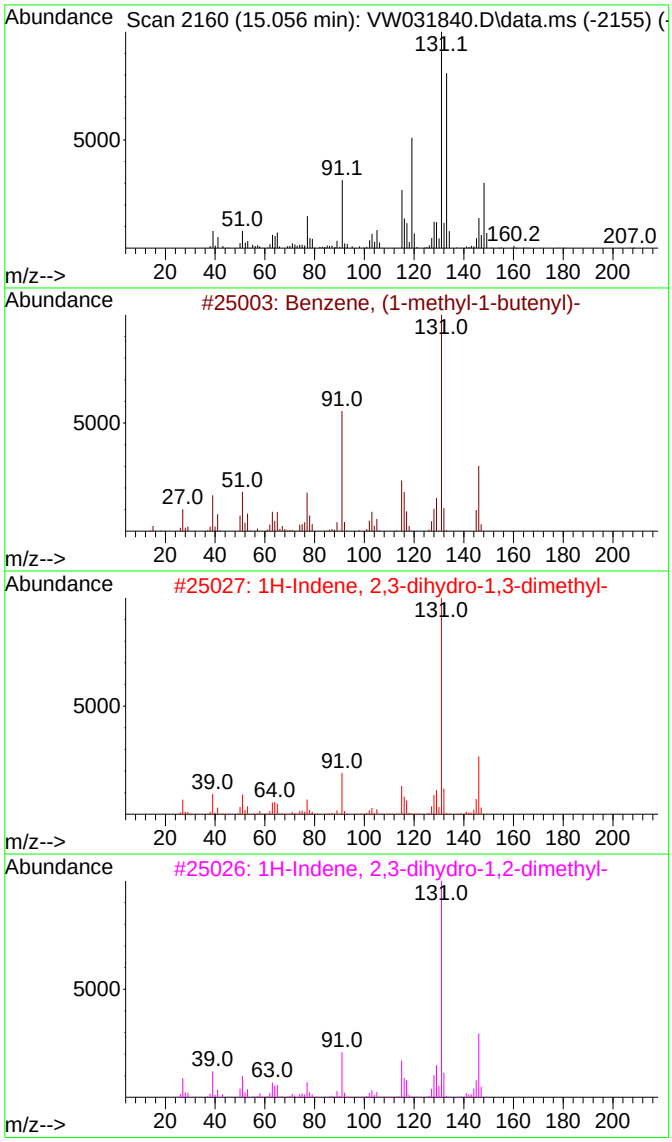
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

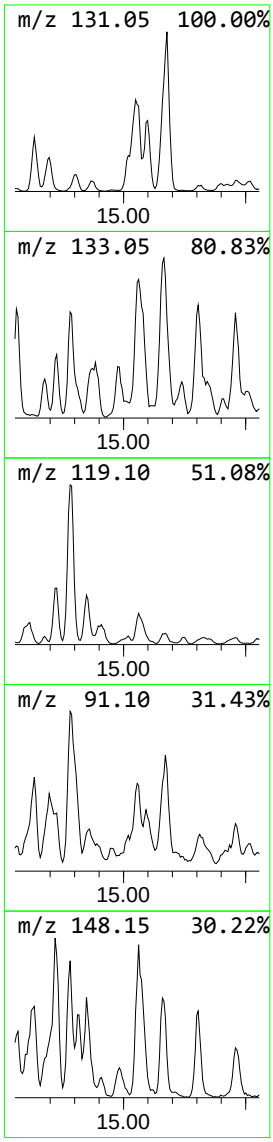
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, (1-methyl-1-butenyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.056	48.07 ug/l	1035560	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	90
2	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
4	Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	55
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	52





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

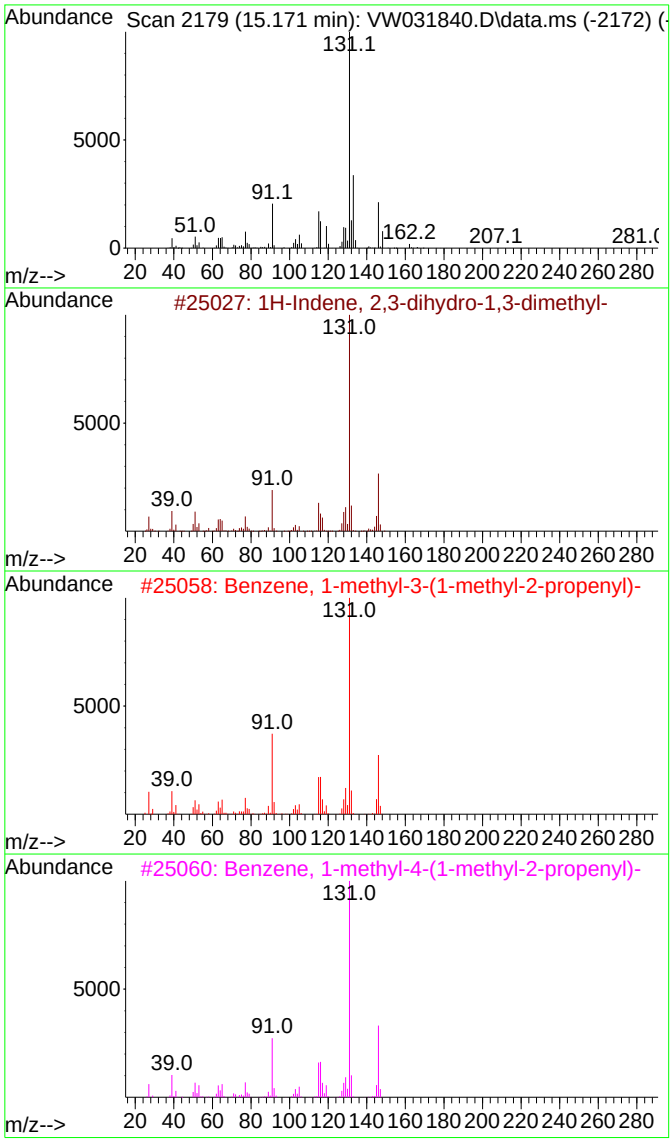
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

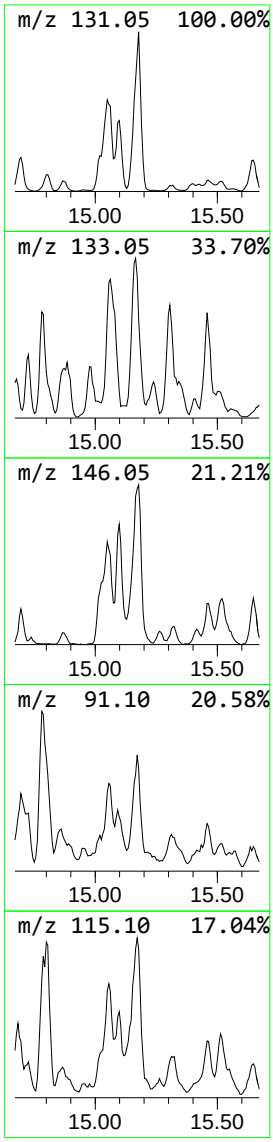
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H-Indene, 2,3-dihydro-1,3-... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.172	61.64 ug/l	1327770	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	76
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	74
3	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	74
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	74
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	68





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031840.D
Acq On : 14 Jul 2025 11:16
Operator : SY/MD
Sample : Q2503-03
Misc : 4.83g/5mL/MSVOA_W/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentane, m...	7.002	77.2	ug/l	14785700	1	7.959	9581730	50.0
Cyclopentane, 1...	8.447	198.3	ug/l	7776150	2	8.849	1960370	50.0
Cyclopentane, 1...	8.514	155.2	ug/l	6082820	2	8.849	1960370	50.0
Cyclopentane, 1...	8.587	187.6	ug/l	7356660	2	8.849	1960370	50.0
Cyclopentane, e...	9.520	61.3	ug/l	2401960	2	8.849	1960370	50.0
Cyclopentane, 1...	9.612	53.1	ug/l	2082370	2	8.849	1960370	50.0
Cyclopentane, 1...	9.758	88.6	ug/l	3472580	2	8.849	1960370	50.0
Cyclohexane, 1,...	10.502	104.4	ug/l	2720300	3	11.629	1302540	50.0
Cyclohexane, 1,...	10.666	79.5	ug/l	2070330	3	11.629	1302540	50.0
Cyclohexane, 1,...	10.758	75.3	ug/l	1961150	3	11.629	1302540	50.0
Cyclohexane, 1,...	11.233	60.4	ug/l	1573800	3	11.629	1302540	50.0
Benzene, 1-ethy...	13.099	43.4	ug/l	933757	4	13.556	1077040	50.0
Benzene, 1,2,4,...	14.787	126.6	ug/l	2726440	4	13.556	1077040	50.0
Benzene, (1-met...	15.056	48.1	ug/l	1035560	4	13.556	1077040	50.0
1H-Indene, 2,3-...	15.172	61.6	ug/l	1327770	4	13.556	1077040	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047009.D
Acq On : 15 Jul 2025 17:49
Operator : JC/MD
Sample : Q2503-03ME
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Quant Time: Jul 16 02:32:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

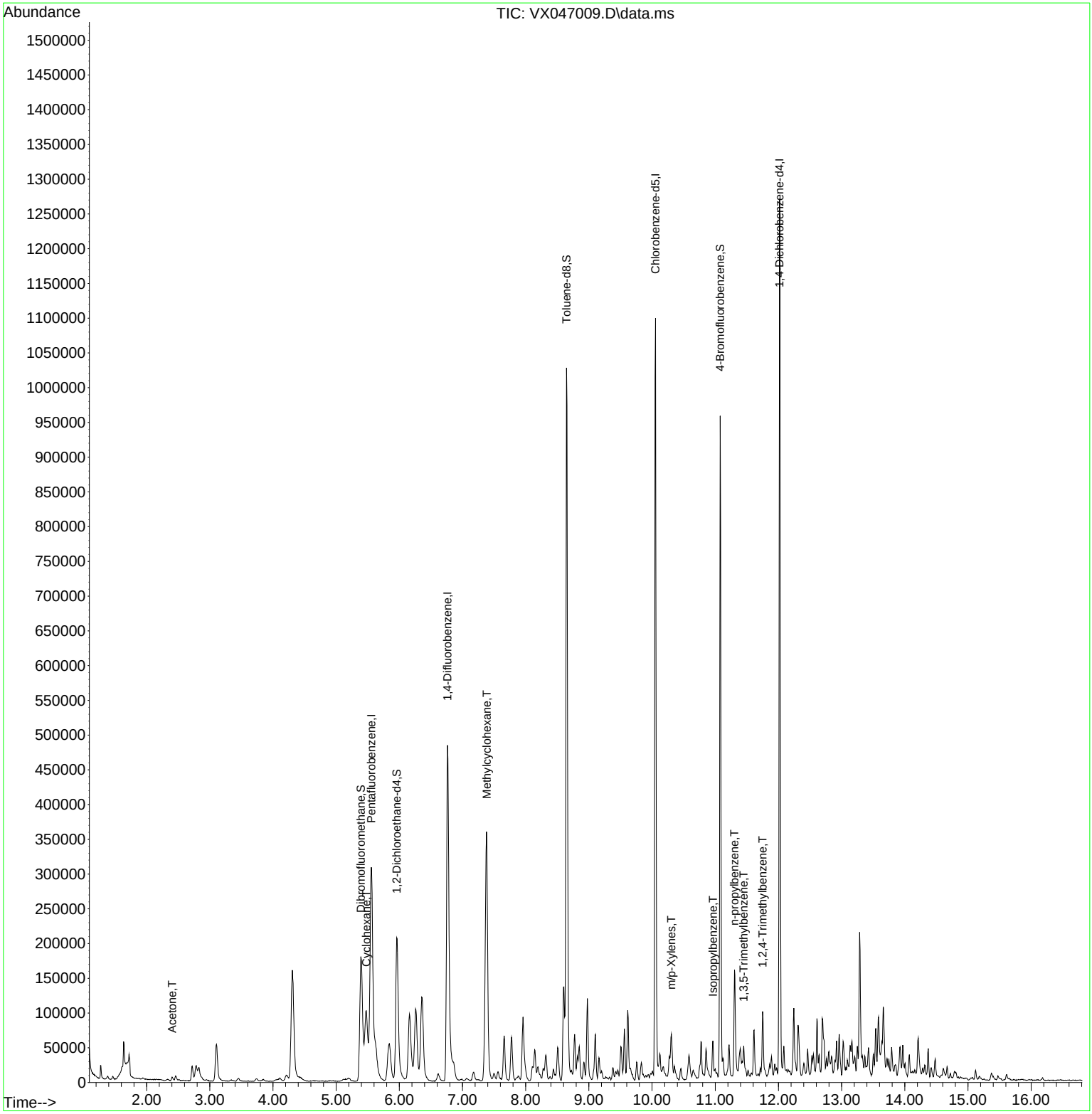
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	321586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	538656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	489470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	250920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	224013	52.728	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.460%			
35) Dibromofluoromethane	5.391	113	177800	48.627	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	8.647	98	616777	47.810	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.620%			
62) 4-Bromofluorobenzene	11.079	95	253024	51.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.220%			
Target Compounds						Qvalue
16) Acetone	2.404	43	5790	4.387	ug/l	90
31) Cyclohexane	5.477	56	71312	11.743	ug/l	96
39) Methylcyclohexane	7.385	83	163273	26.458	ug/l	97
68) m/p-Xylenes	10.305	106	12099	1.772	ug/l	98
73) Isopropylbenzene	10.963	105	28554	1.619	ug/l	98
78) n-propylbenzene	11.305	91	64931	3.053	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	17509	1.222	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	39353	2.716	ug/l	97

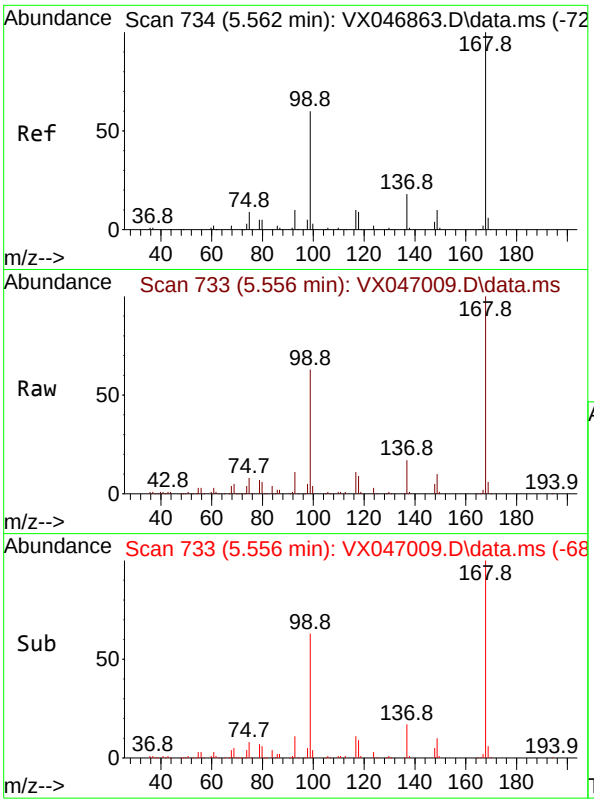
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047009.D
Acq On : 15 Jul 2025 17:49
Operator : JC/MD
Sample : Q2503-03ME
Misc : 7.46g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Quant Time: Jul 16 02:32:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



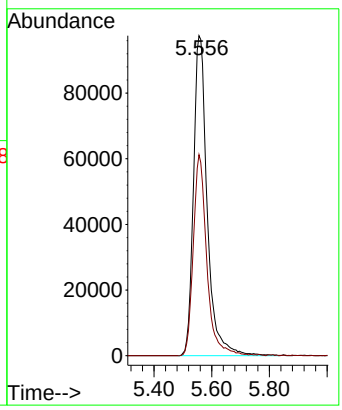


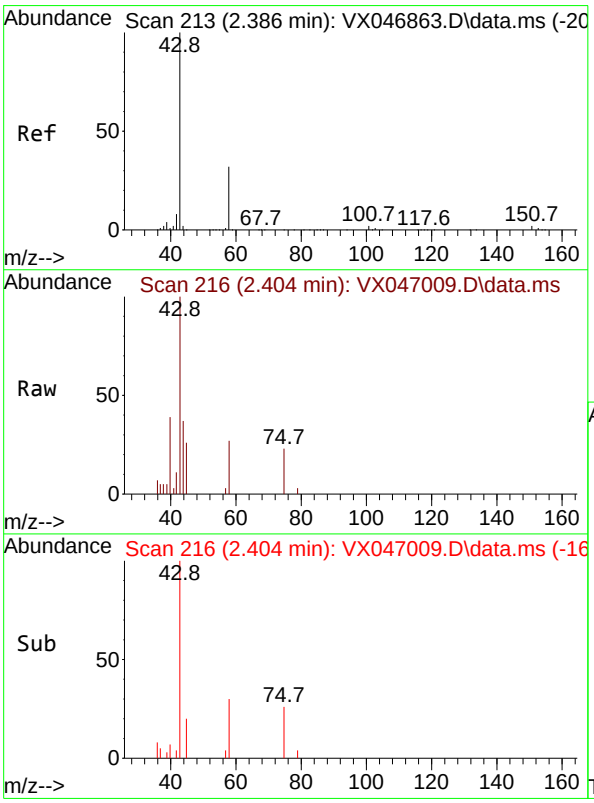
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:168 Resp: 321586

Ion	Ratio	Lower	Upper
168	100		
99	62.8	48.8	73.2

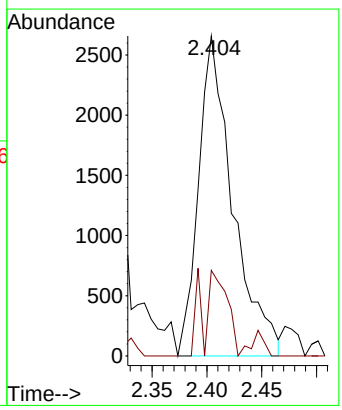


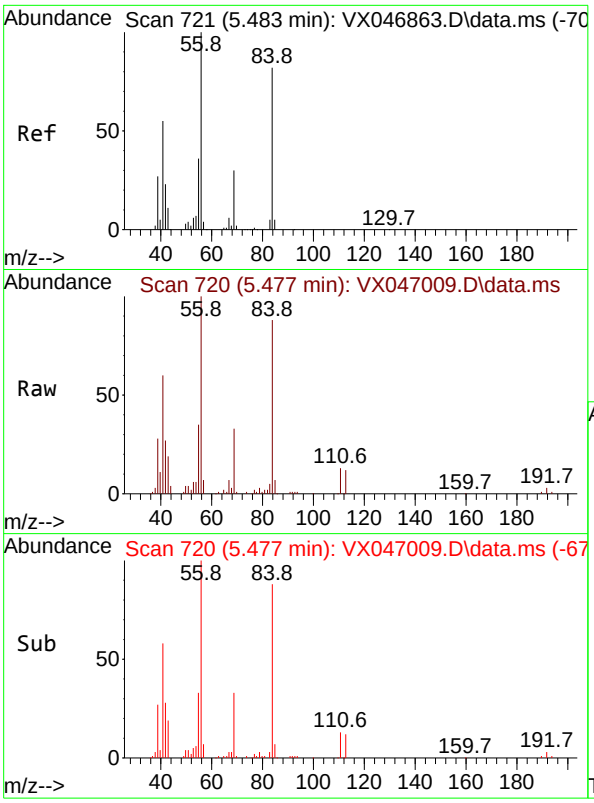


#16
Acetone
Concen: 4.387 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion: 43 Resp: 5790

Ion	Ratio	Lower	Upper
43	100		
58	26.7	25.8	38.6



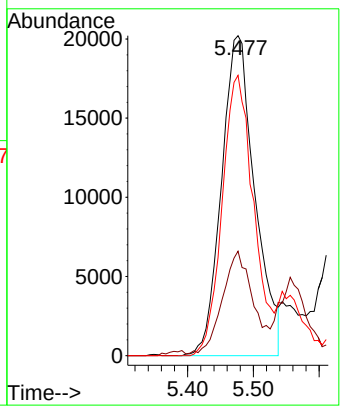


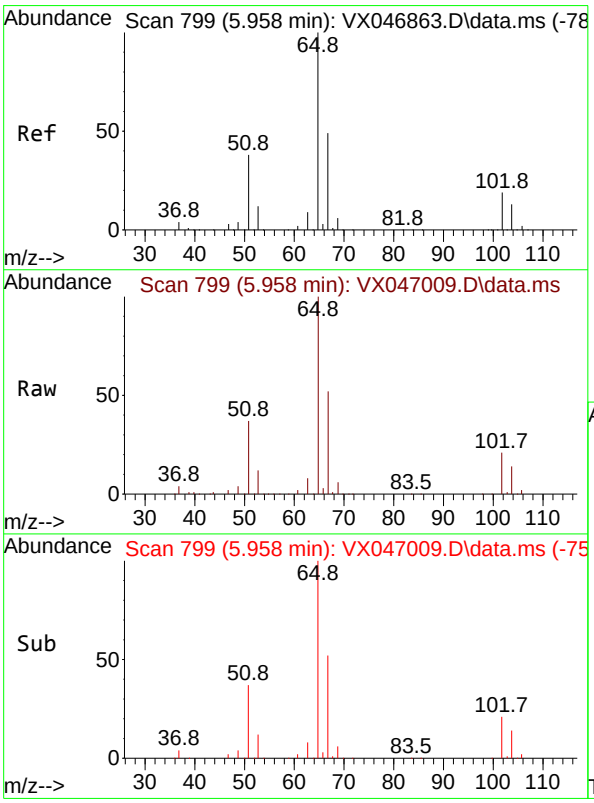
#31
Cyclohexane
Concen: 11.743 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion: 56 Resp: 71312

Ion	Ratio	Lower	Upper
56	100		
69	31.4	24.0	36.0
84	87.6	66.5	99.7

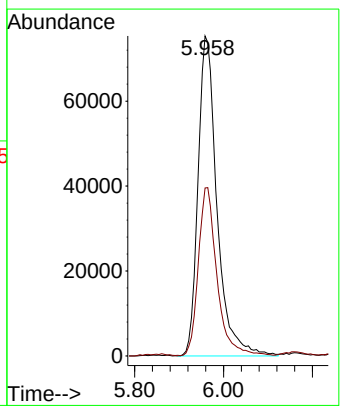


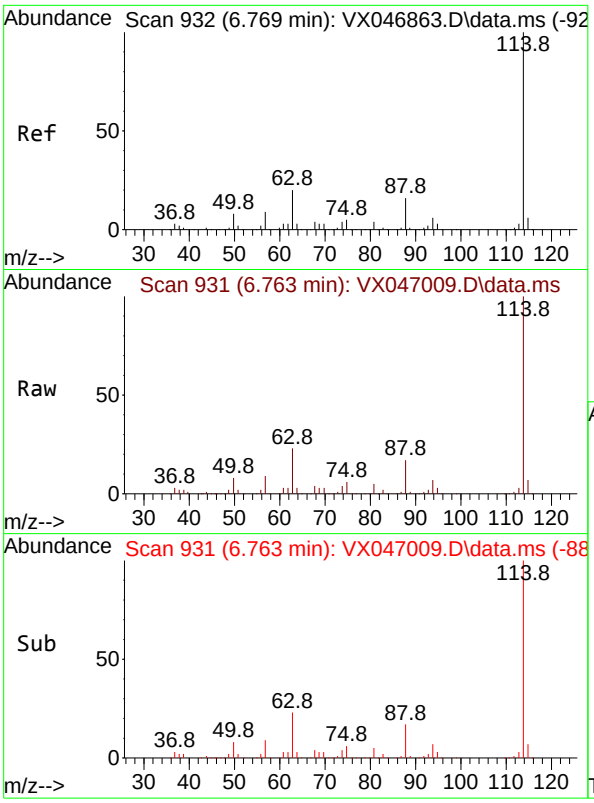


#33
1,2-Dichloroethane-d4
Concen: 52.728 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion: 65 Resp: 224013

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.2



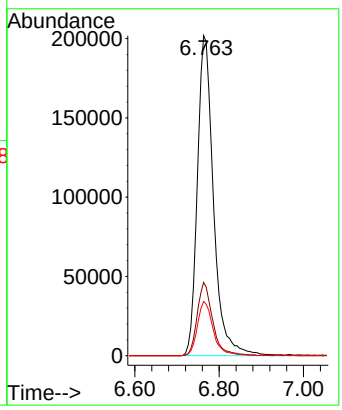


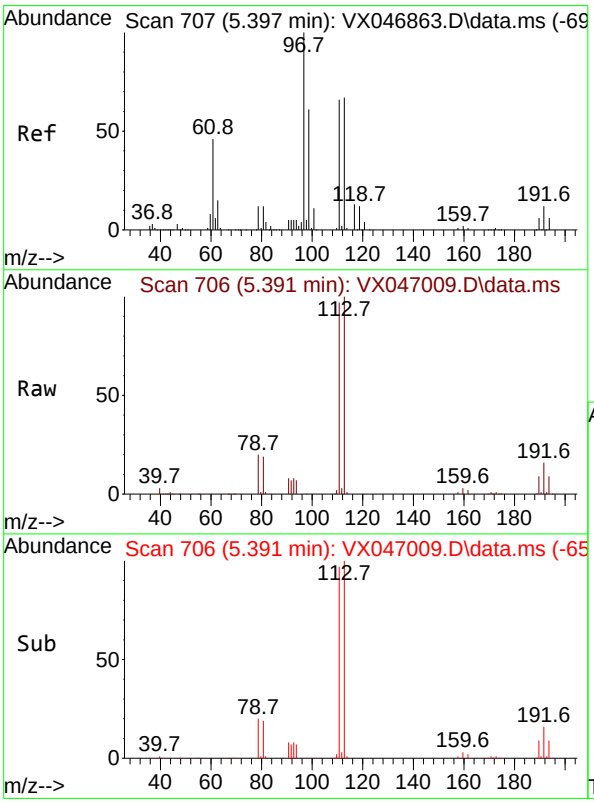
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:114 Resp: 538656

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	40.4
88	17.0	0.0	31.0

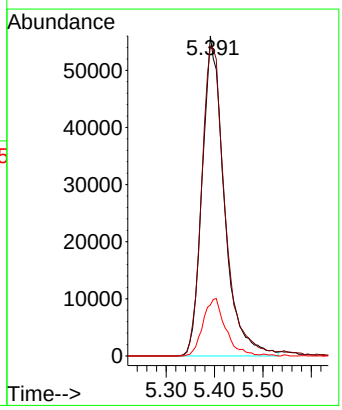


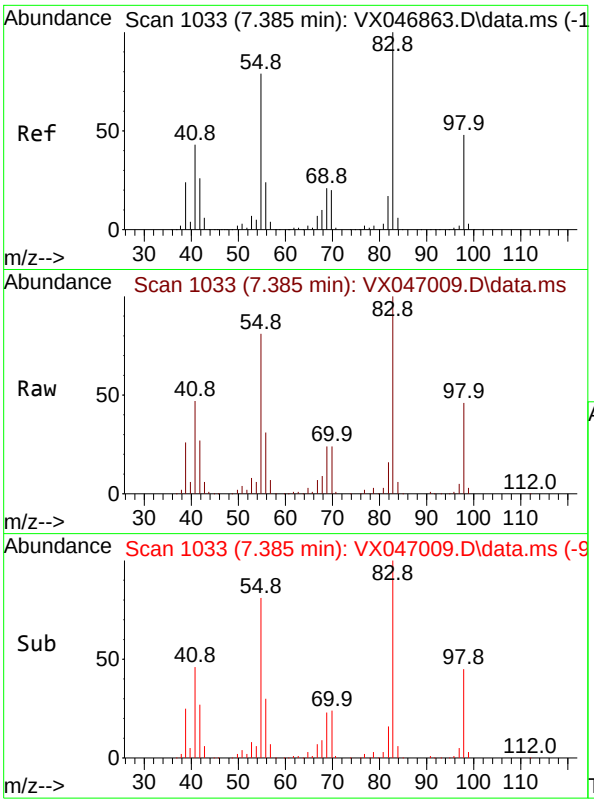


#35
Dibromofluoromethane
Concen: 48.627 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion:113 Resp: 177800

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.2	121.8
192	18.3	15.3	22.9



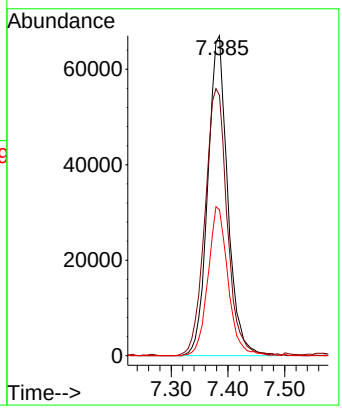


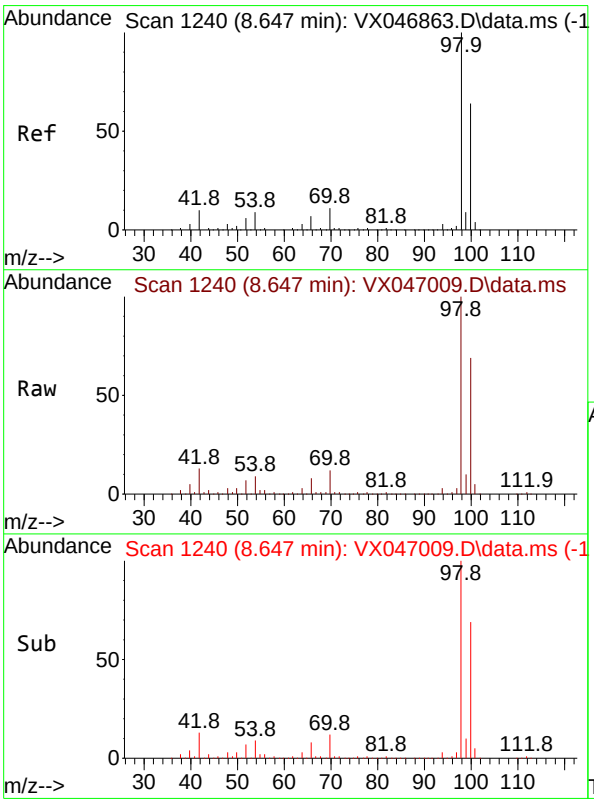
#39
Methylcyclohexane
Concen: 26.458 ug/l
RT: 7.385 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion: 83 Resp: 163273

Ion	Ratio	Lower	Upper
83	100		
55	81.2	63.0	94.4
98	45.6	38.5	57.7

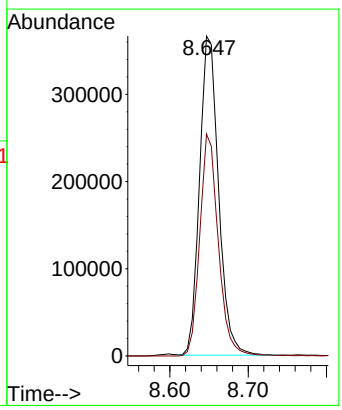


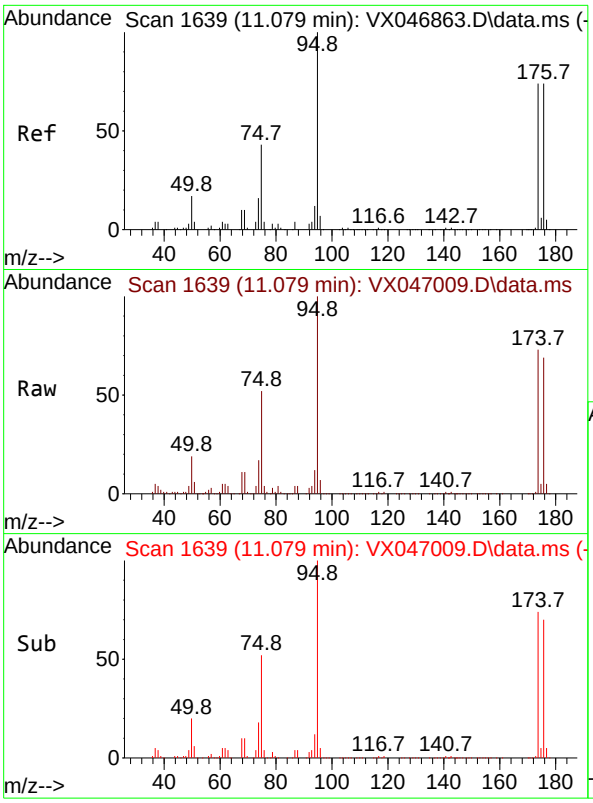


#50
Toluene-d8
Concen: 47.810 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion: 98 Resp: 616777

Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.0	79.6



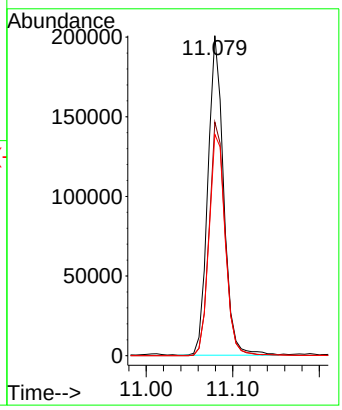


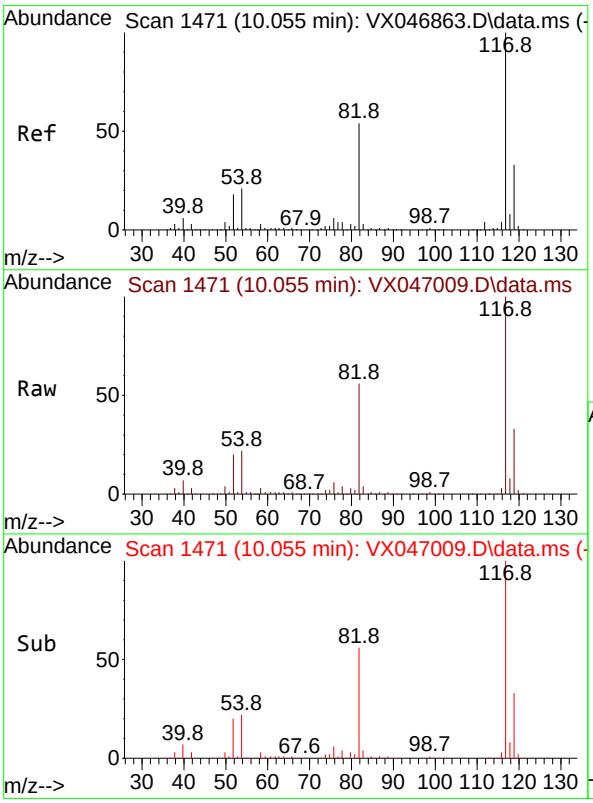
#62
4-Bromofluorobenzene
Concen: 51.606 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion: 95 Resp: 253024

Ion	Ratio	Lower	Upper
95	100		
174	74.3	0.0	152.0
176	72.1	0.0	145.2

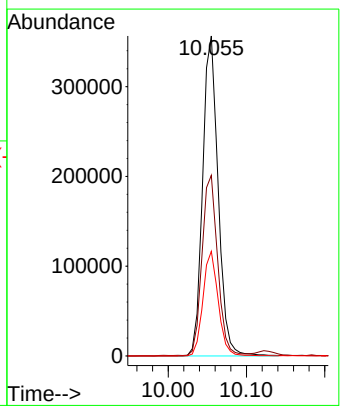


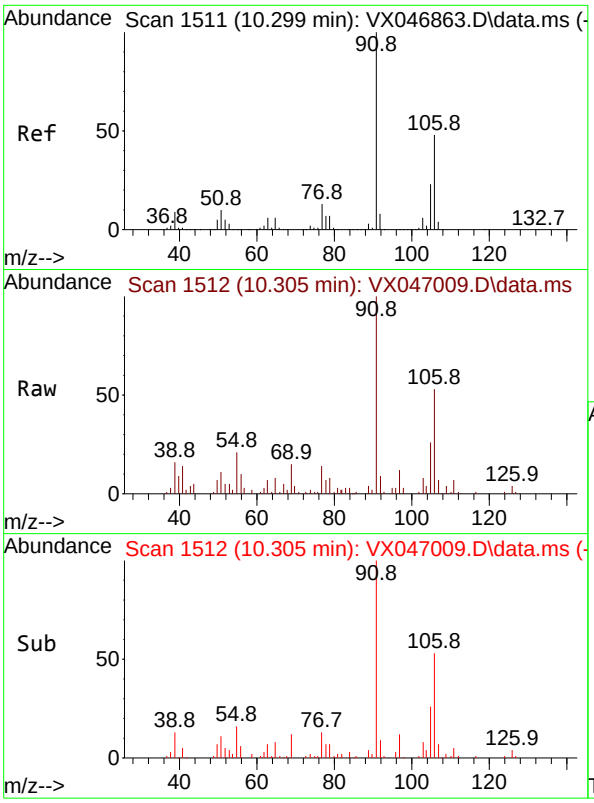


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion:117 Resp: 489470

Ion	Ratio	Lower	Upper
117	100		
82	56.3	43.3	64.9
119	32.7	26.4	39.6



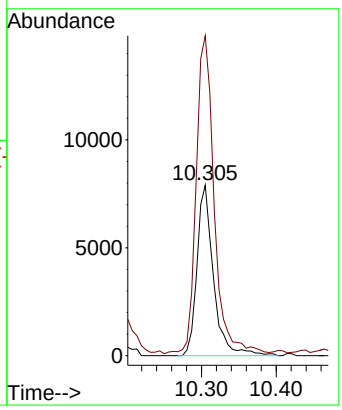


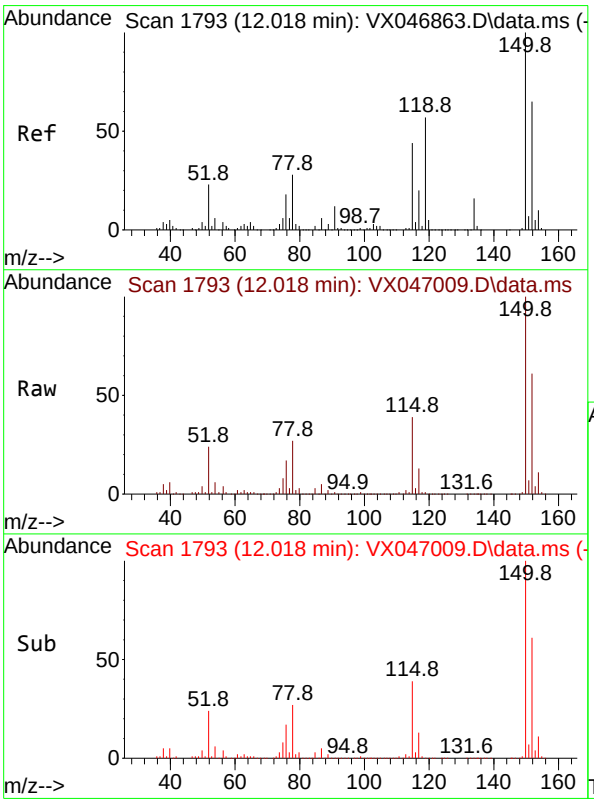
#68
m/p-Xylenes
Concen: 1.772 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:106 Resp: 12099

Ion	Ratio	Lower	Upper
106	100		
91	203.0	164.6	246.8

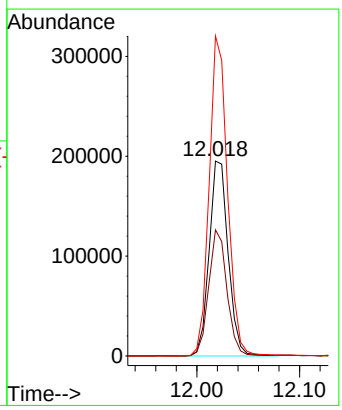


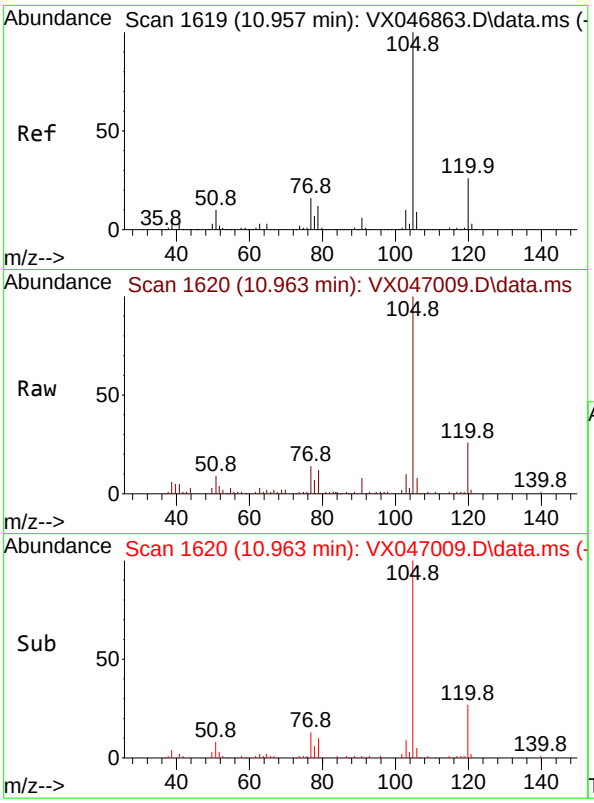


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion:152 Resp: 250920

Ion	Ratio	Lower	Upper
152	100		
115	62.1	42.4	127.1
150	158.7	0.0	349.2



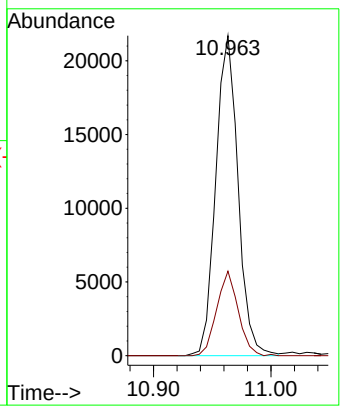


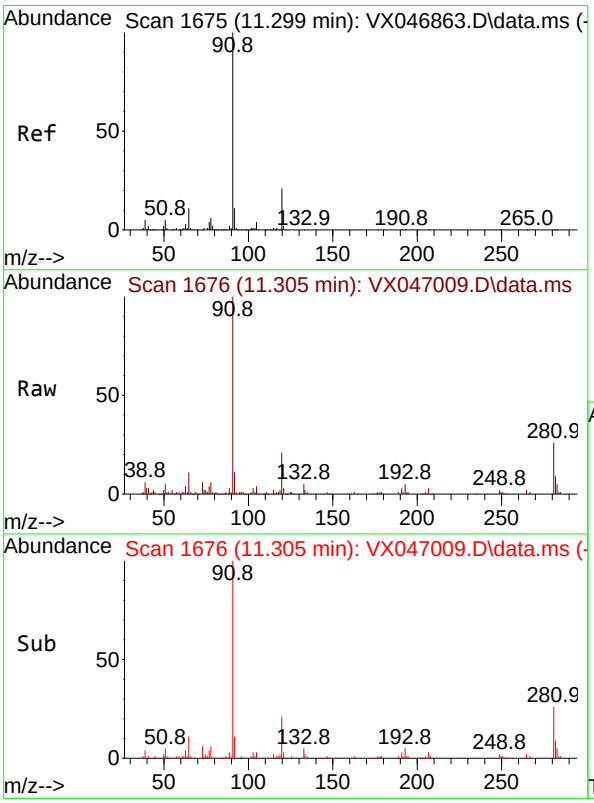
#73
Isopropylbenzene
Concen: 1.619 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:105 Resp: 28554

Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.2	39.5

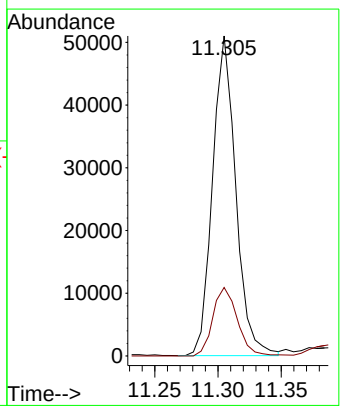


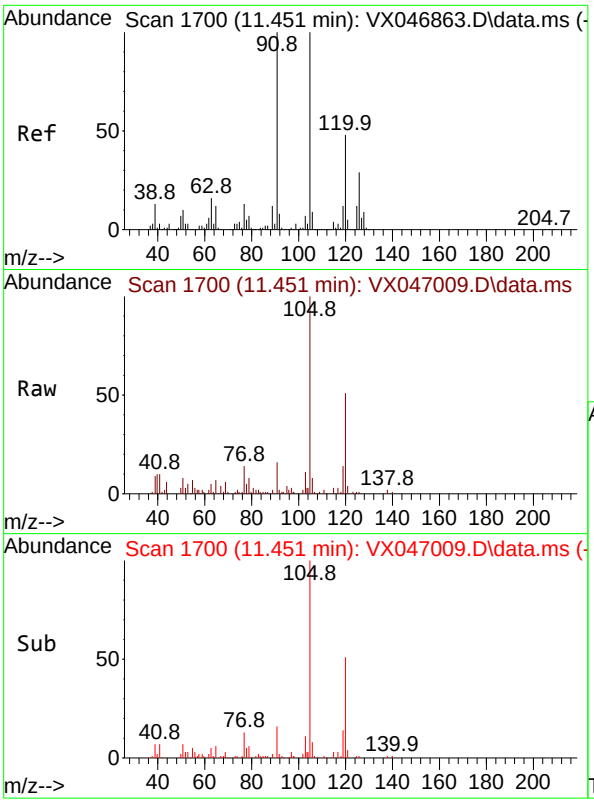


#78
n-propylbenzene
Concen: 3.053 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion: 91 Resp: 64931

Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.2	33.5



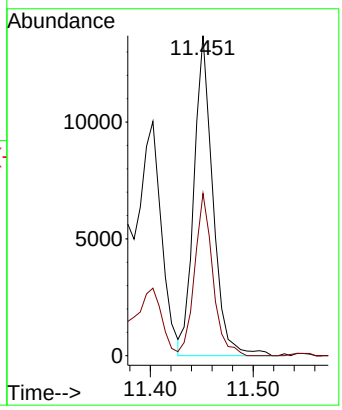


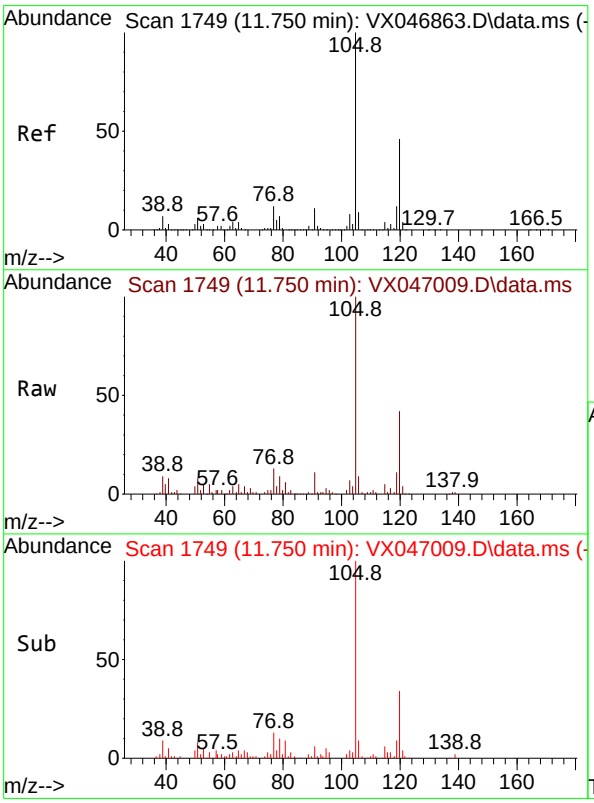
#80
1,3,5-Trimethylbenzene
Concen: 1.222 ug/l
RT: 11.451 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Instrument :
MSVOA_X
ClientSampleId :
GCAP2ME

Tgt Ion:105 Resp: 17509

Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.1	72.4

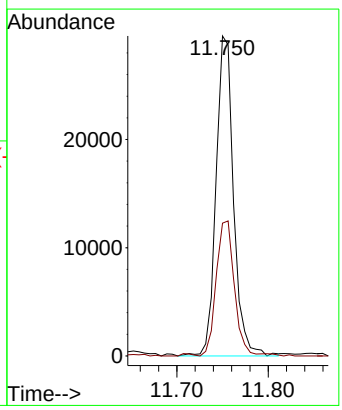




#84
1,2,4-Trimethylbenzene
Concen: 2.716 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047009.D
Acq: 15 Jul 2025 17:49

Tgt Ion:105 Resp: 39353

Ion	Ratio	Lower	Upper
105	100		
120	44.2	23.3	69.8



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Quant Time: Jul 15 04:17:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.965	168	198013	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	8.855	114	378189	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.629	117	323667	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	116915	50.000	ug/l	#	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.319	65	125286	44.088	ug/l		0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 88.180%				
35) Dibromofluoromethane	7.904	113	117378	47.563	ug/l		0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 95.120%				
50) Toluene-d8	10.331	98	472486	51.448	ug/l		0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.900%				
62) 4-Bromofluorobenzene	12.617	95	134818	39.891	ug/l		0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 79.780%				
Target Compounds							Qvalue
16) Acetone	4.161	43	149166	212.371	ug/l	#	86
17) Carbon Disulfide	4.429	76	29177	4.621	ug/l		97
25) 2-Butanone	7.197	43	67189	73.529	ug/l	#	83
31) Cyclohexane	7.978	56	3012131	744.435	ug/l		94
39) Methylcyclohexane	9.349	83	7057937	1588.537	ug/l		96
52) Toluene	10.392	92	58077	8.585	ug/l		100
67) Ethyl Benzene	11.733	91	153523	12.398	ug/l		95
68) m/p-Xylenes	11.843	106	624353	131.159	ug/l		98
69) o-Xylene	12.166	106	105452	23.926	ug/l		95
73) Isopropylbenzene	12.464	105	521961	58.692	ug/l		99
78) n-propylbenzene	12.800	91	978725	91.904	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	903463	122.731	ug/l		99
83) tert-Butylbenzene	13.202	119	12216	1.937	ug/l		92
84) 1,2,4-Trimethylbenzene	13.245	105	2453174	328.905	ug/l		98
85) sec-Butylbenzene	13.379	105	44735m	4.727	ug/l		
86) p-Isopropyltoluene	13.495	119	80598	10.333	ug/l		99
89) n-Butylbenzene	13.812	91	11864m	1.565	ug/l		
95) Naphthalene	15.360	128	7035	1.280	ug/l	#	93

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

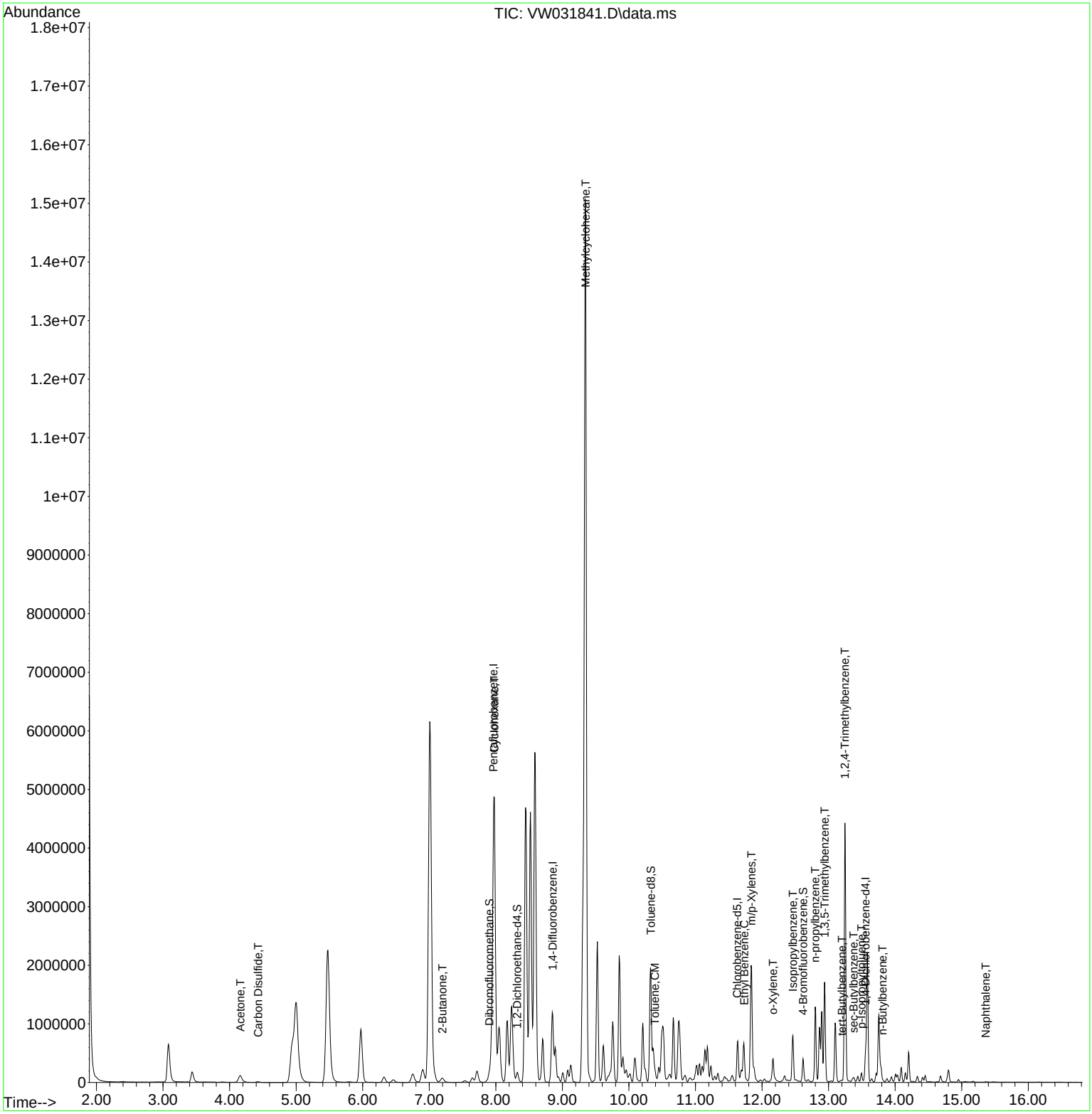
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

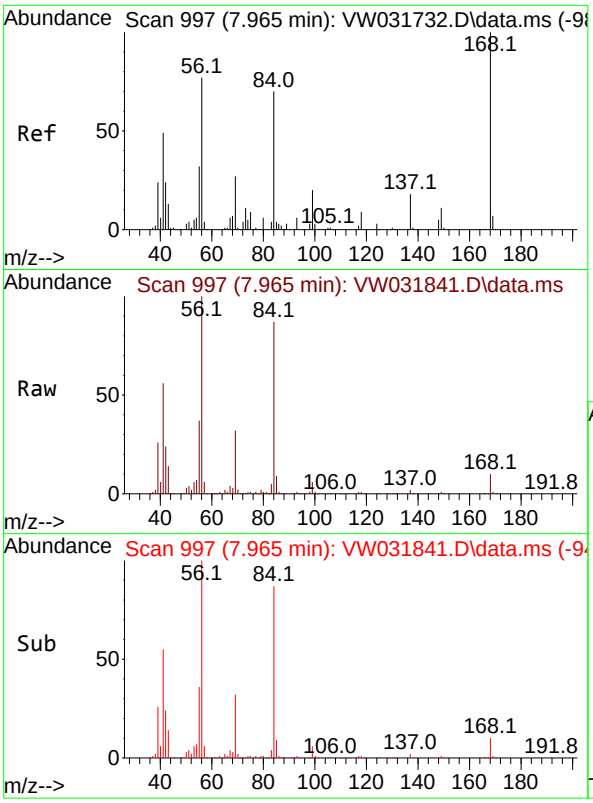
Quant Time: Jul 15 04:17:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 9
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

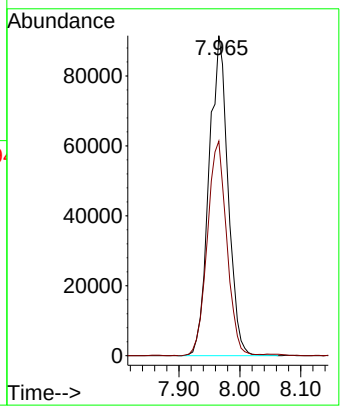
Tgt Ion:168 Resp: 19801

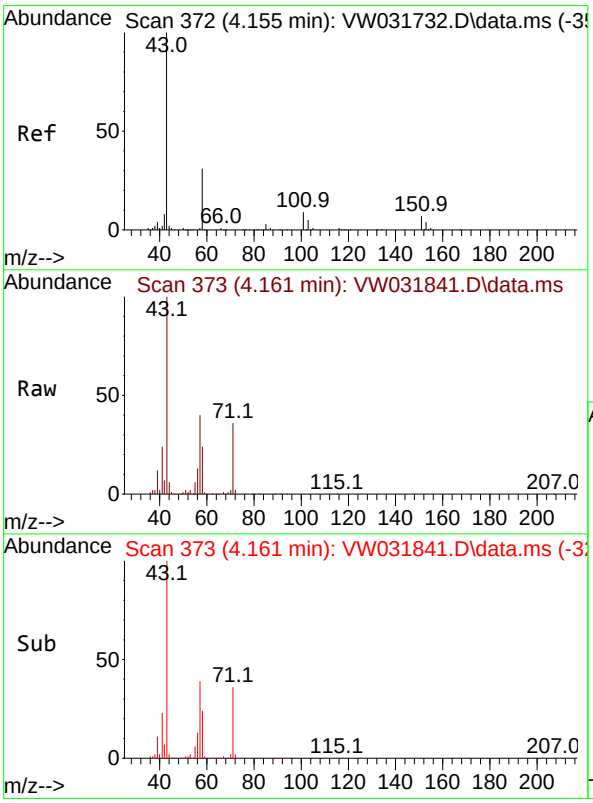
Ion	Ratio	Lower	Upper
168	100		
99	67.0	49.4	74.2

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

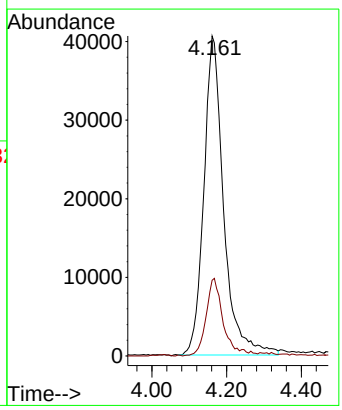


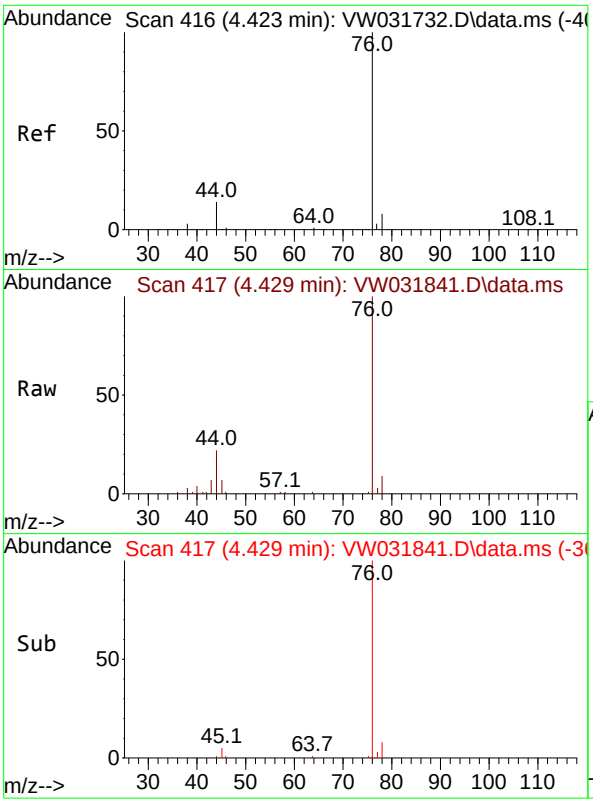


#16
Acetone
Concen: 212.371 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 43 Resp: 149166

Ion	Ratio	Lower	Upper
43	100		
58	23.5	24.8	37.2#





#17
Carbon Disulfide
Concen: 4.621 ug/l
RT: 4.429 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

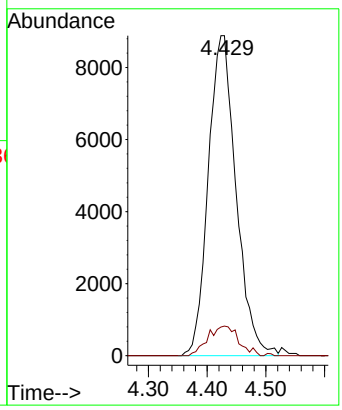
Tgt Ion: 76 Resp: 2917

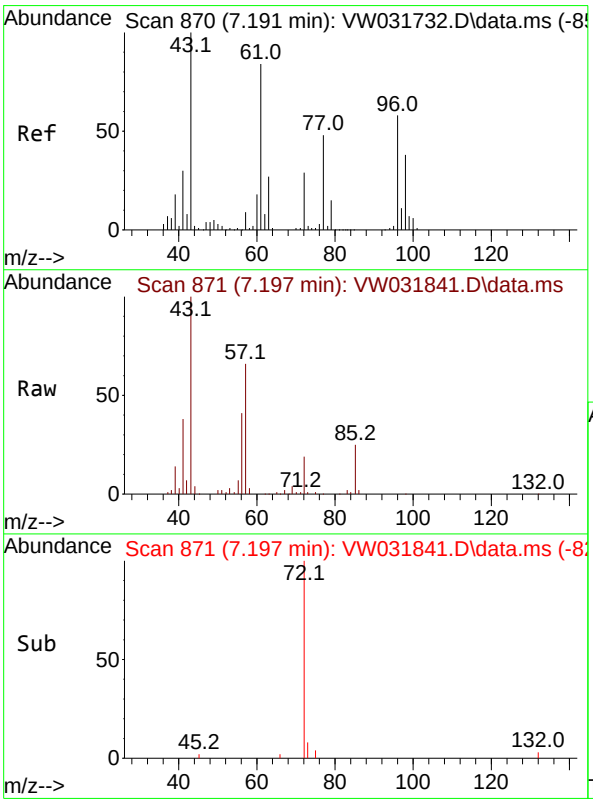
Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.6	10.0

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

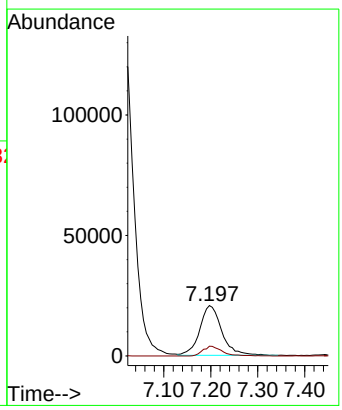


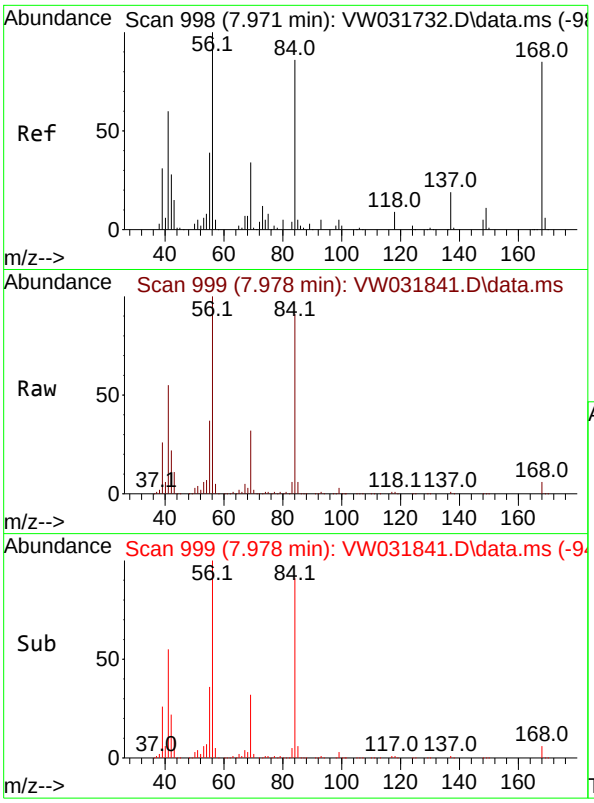


#25
2-Butanone
Concen: 73.529 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 43 Resp: 67189

Ion	Ratio	Lower	Upper
43	100		
72	19.7	23.0	34.6#

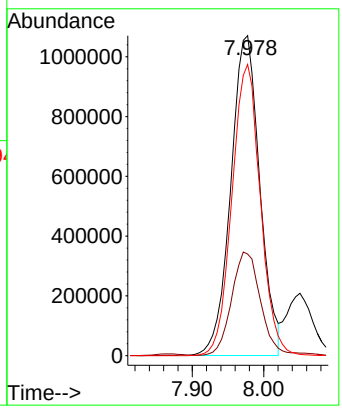




#31
Cyclohexane
Concen: 744.435 ug/l
RT: 7.978 min Scan# 9
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 56 Resp: 301213

Ion	Ratio	Lower	Upper
56	100		
69	31.4	27.2	40.8
84	91.1	68.5	102.7



Instrument :
MSVOA_W
ClientSampleId :
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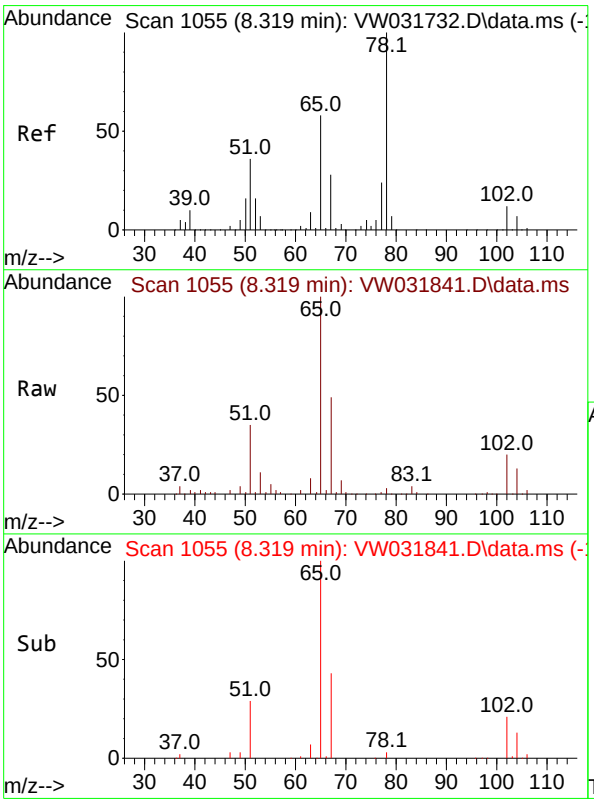
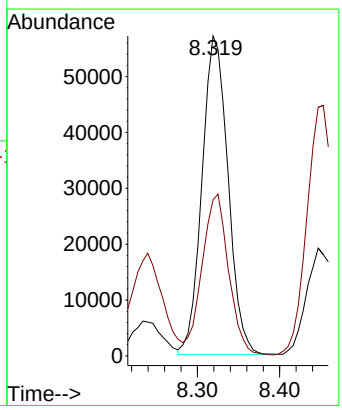
Supervised By :Mahesh Dadoda 07/16/2025

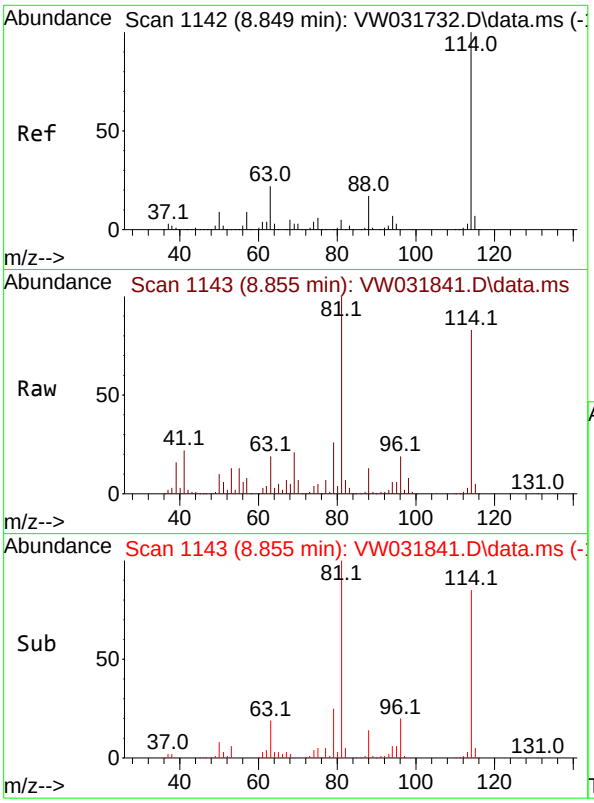


#33
1,2-Dichloroethane-d4
Concen: 44.088 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 65 Resp: 125286

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	99.4

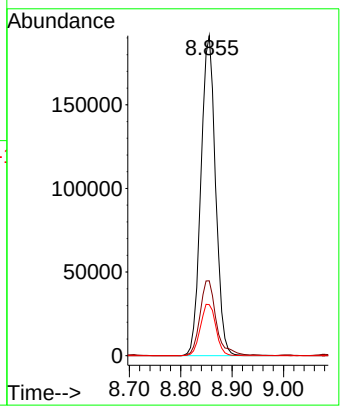




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:114 Resp: 37818

Ion	Ratio	Lower	Upper
114	100		
63	23.4	0.0	43.6
88	16.0	0.0	34.2



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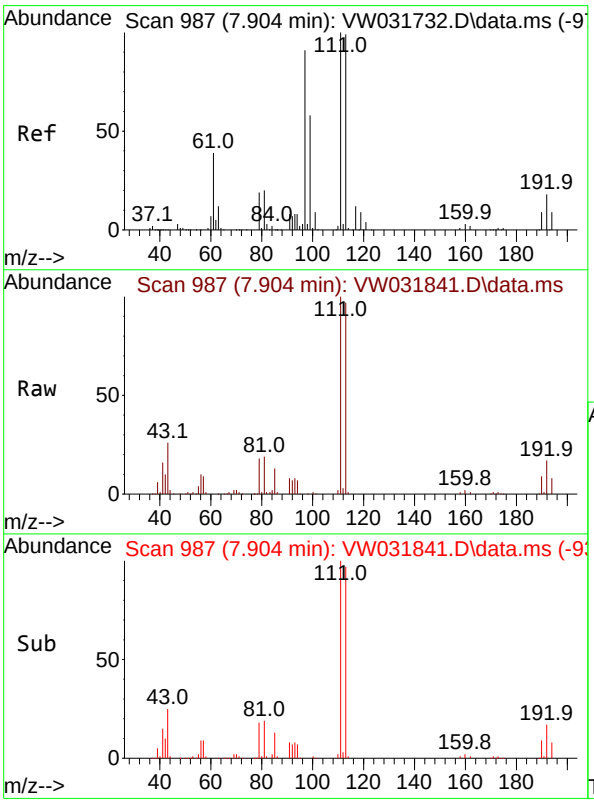
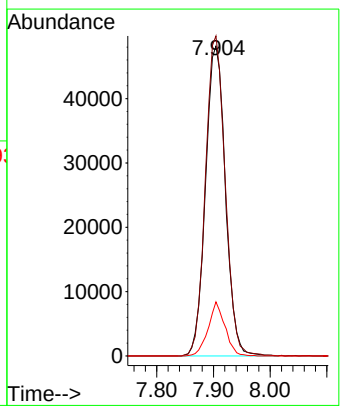
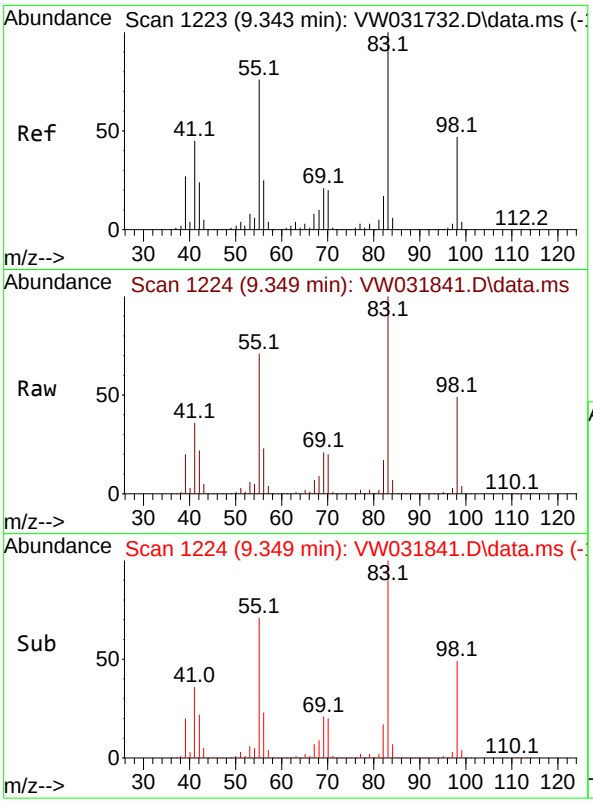


#35
Dibromofluoromethane
Concen: 47.563 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:113 Resp: 117378

Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.1	123.1
192	14.8	13.8	20.6

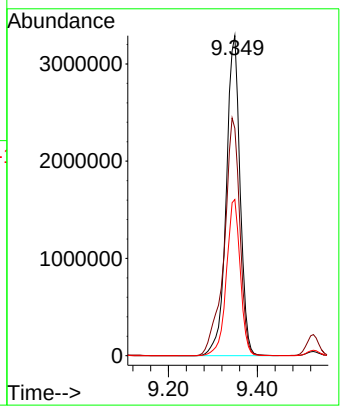




#39
Methylcyclohexane
Concen: 1588.537 ug/l
RT: 9.349 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 83 Resp: 705793

Ion	Ratio	Lower	Upper
83	100		
55	71.1	61.0	91.4
98	48.8	37.9	56.9



Instrument :
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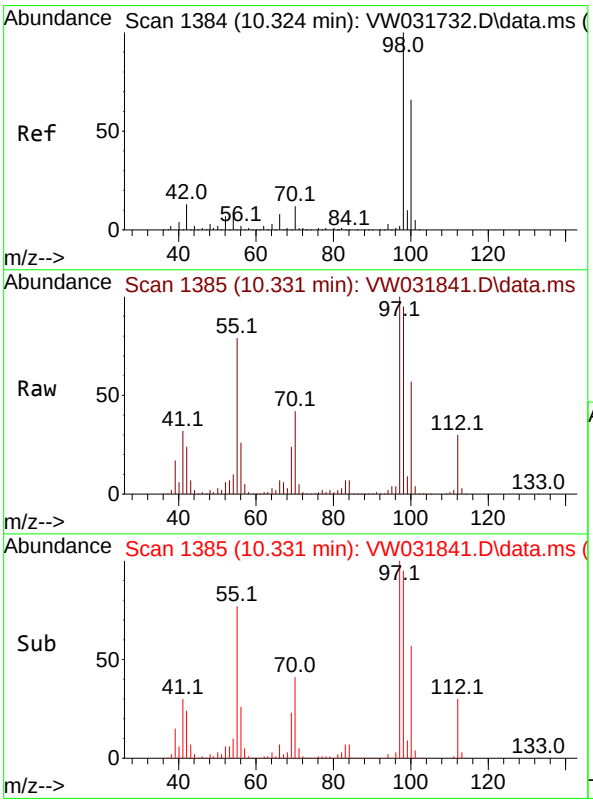
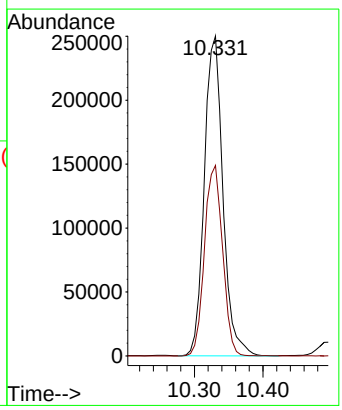
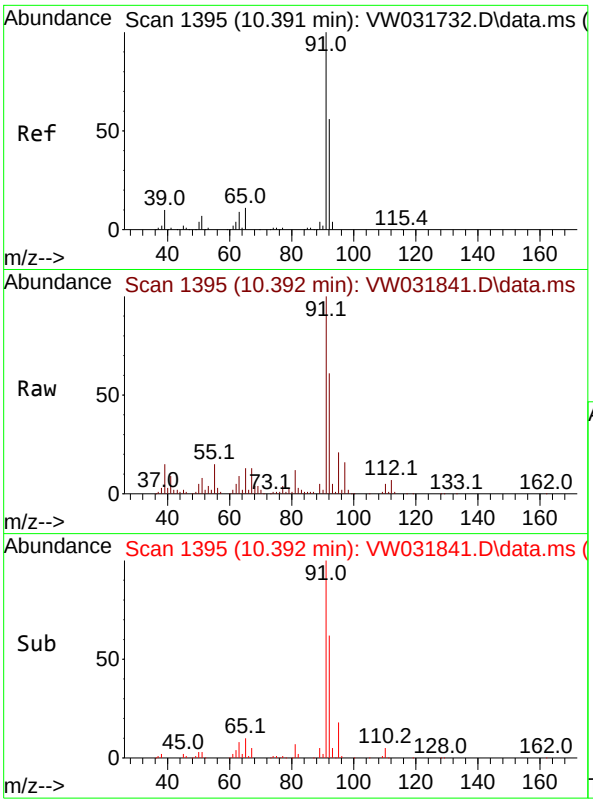


#50
Toluene-d8
Concen: 51.448 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 98 Resp: 472486

Ion	Ratio	Lower	Upper
98	100		
100	57.9	53.0	79.4

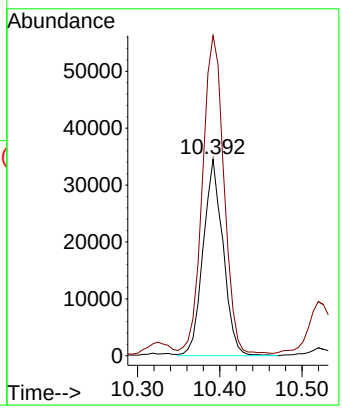




#52
Toluene
Concen: 8.585 ug/l
RT: 10.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 92 Resp: 5807

Ion	Ratio	Lower	Upper
92	100		
91	174.4	139.5	209.3



Instrument :
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ClientSampleId :
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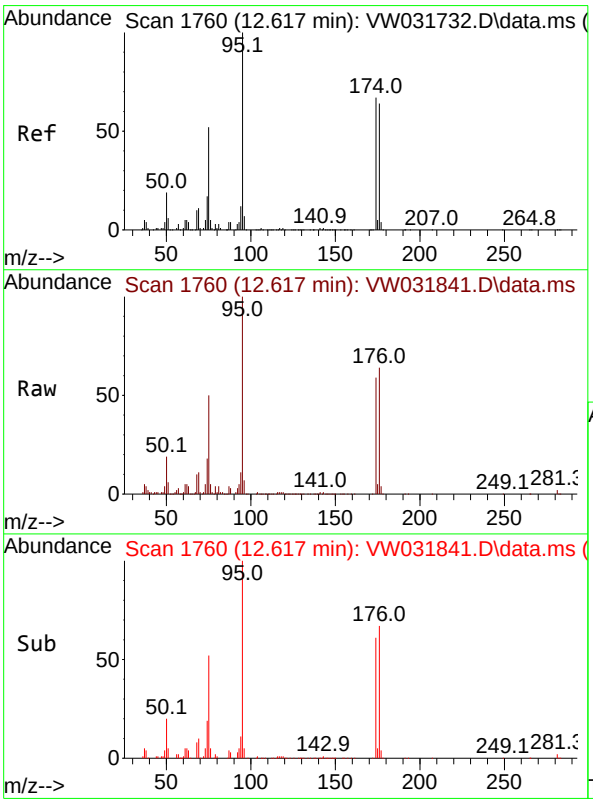
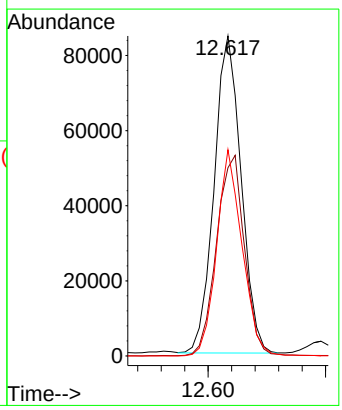
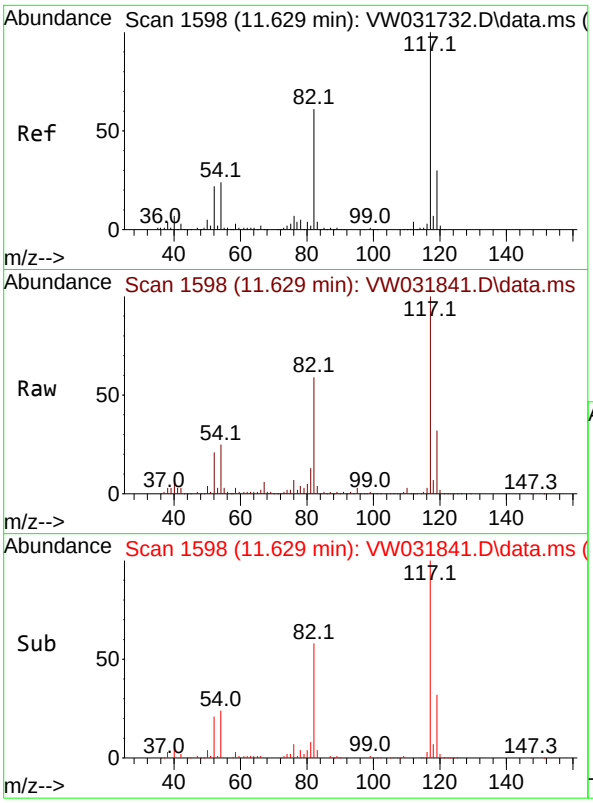


#62
4-Bromofluorobenzene
Concen: 39.891 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 95 Resp: 134818

Ion	Ratio	Lower	Upper
95	100		
174	66.0	0.0	133.8
176	61.4	0.0	126.0

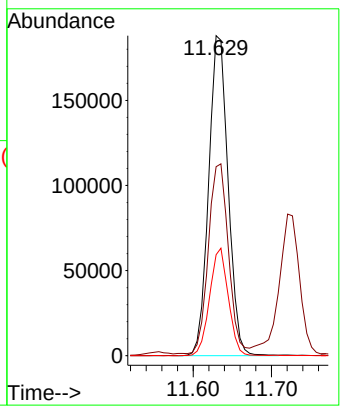




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:117 Resp: 32366

Ion	Ratio	Lower	Upper
117	100		
82	58.3	48.6	72.8
119	31.6	23.9	35.9



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

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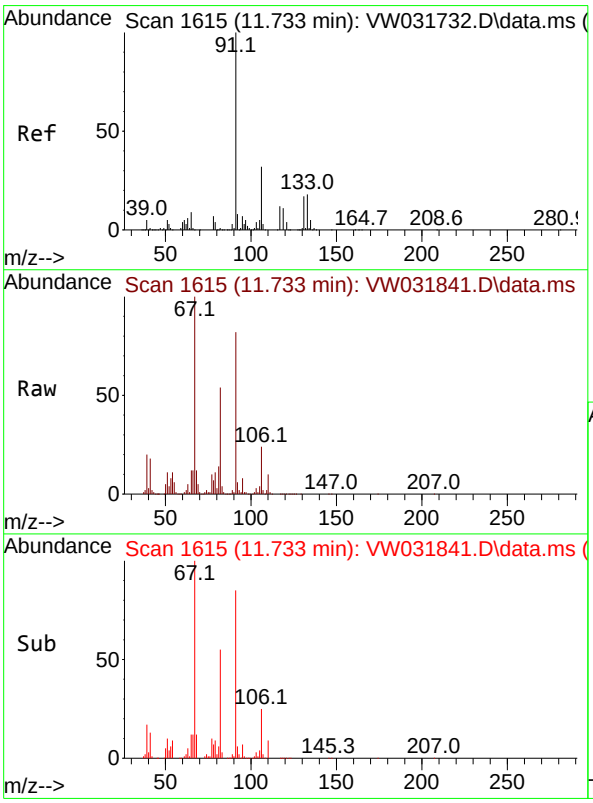
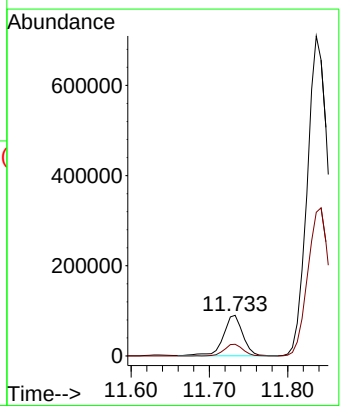
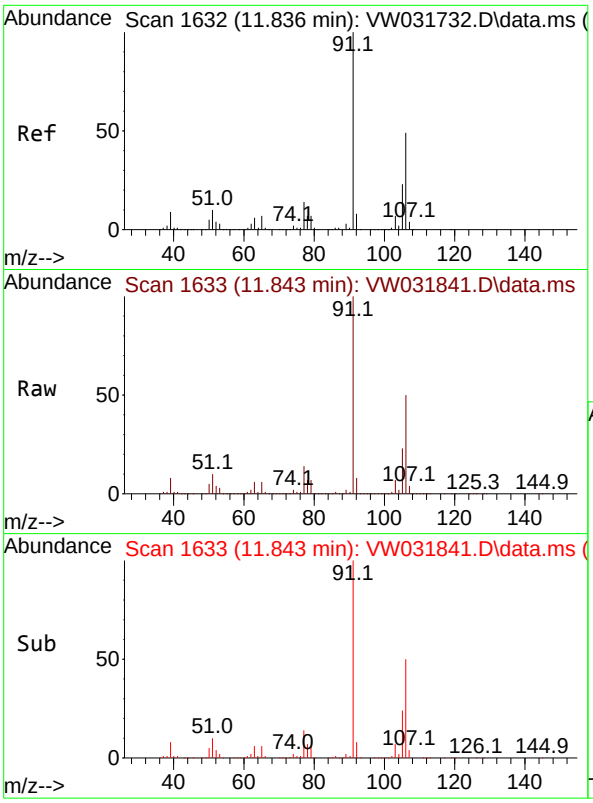


#67
Ethyl Benzene
Concen: 12.398 ug/l
RT: 11.733 min Scan# 1615
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 91 Resp: 153523

Ion	Ratio	Lower	Upper
91	100		
106	29.1	25.4	38.2

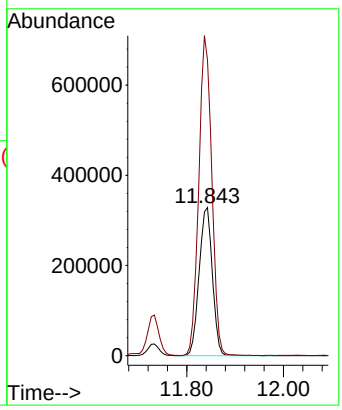




#68
m/p-Xylenes
Concen: 131.159 ug/l
RT: 11.843 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:106 Resp: 62435

Ion	Ratio	Lower	Upper
106	100		
91	211.6	166.4	249.6



Instrument :
MSVOA_W
ClientSampleId :
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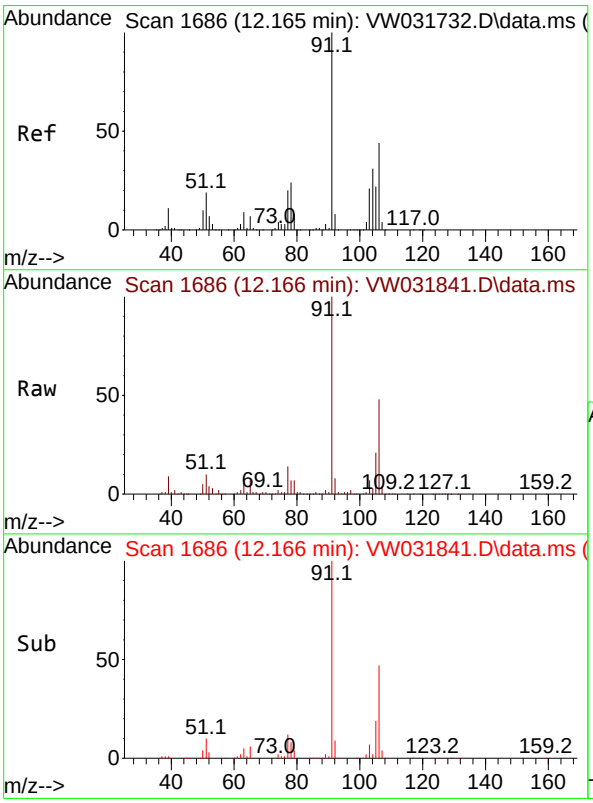
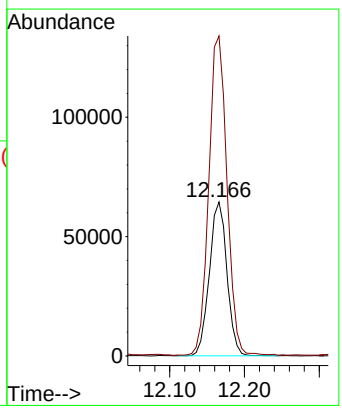
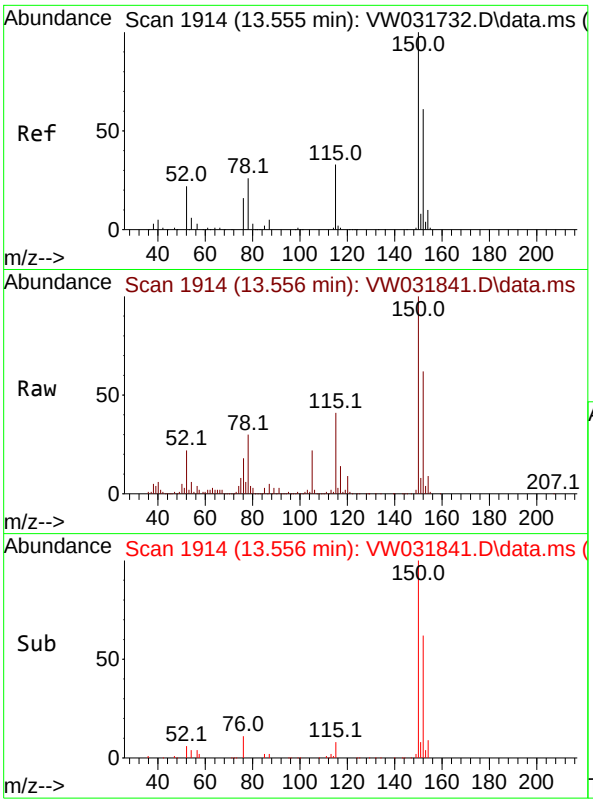


#69
o-Xylene
Concen: 23.926 ug/l
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:106 Resp: 105452

Ion	Ratio	Lower	Upper
106	100		
91	214.3	111.5	334.4

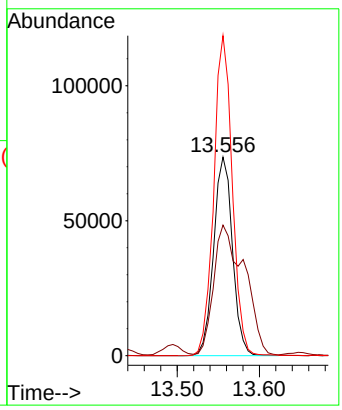




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:152 Resp: 11691

Ion	Ratio	Lower	Upper
152	100		
115	106.1	31.9	95.7
150	158.6	0.0	356.4



Instrument :
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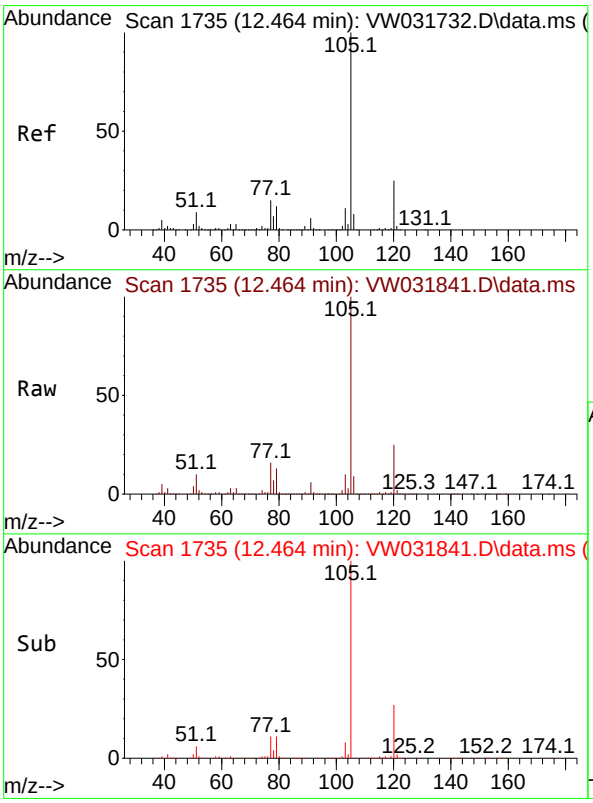
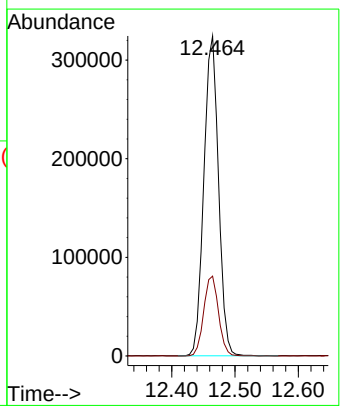
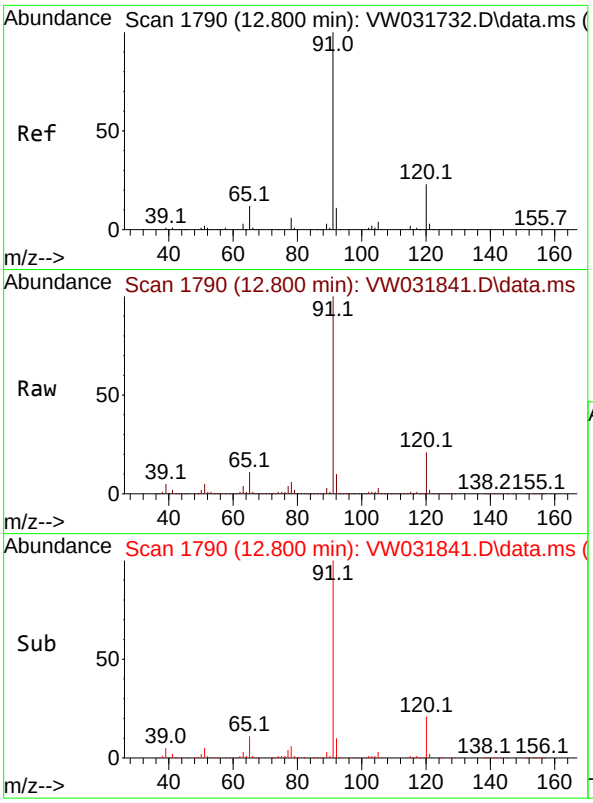


#73
Isopropylbenzene
Concen: 58.692 ug/l
RT: 12.464 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:105 Resp: 521961

Ion	Ratio	Lower	Upper
105	100		
120	25.2	12.8	38.4

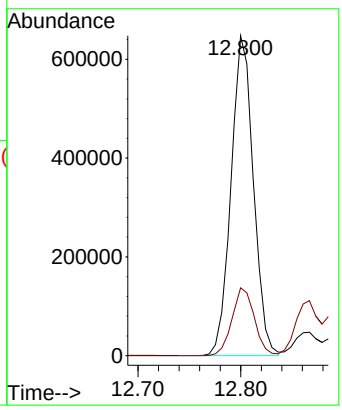




#78
n-propylbenzene
Concen: 91.904 ug/l
RT: 12.800 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 91 Resp: 97872

Ion	Ratio	Lower	Upper
91	100		
120	21.3	11.5	34.4



Instrument :
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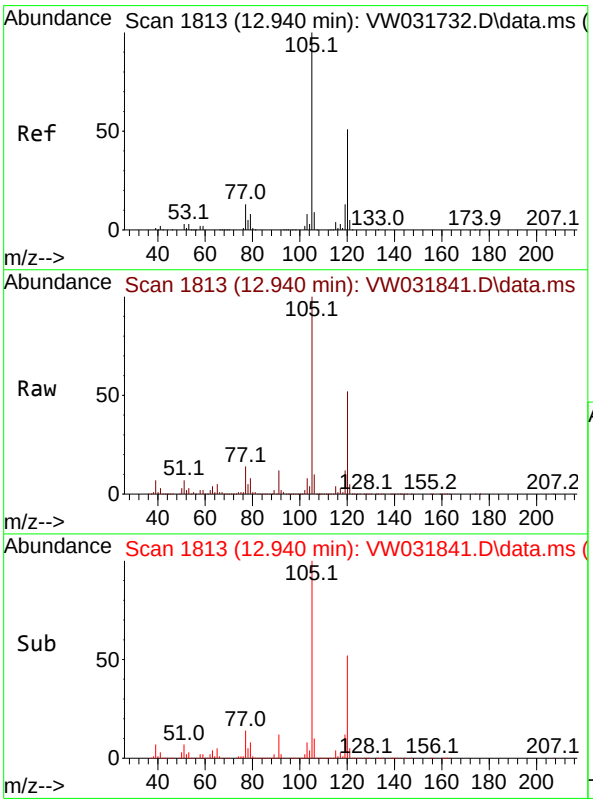
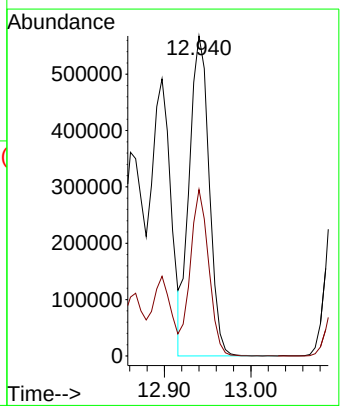
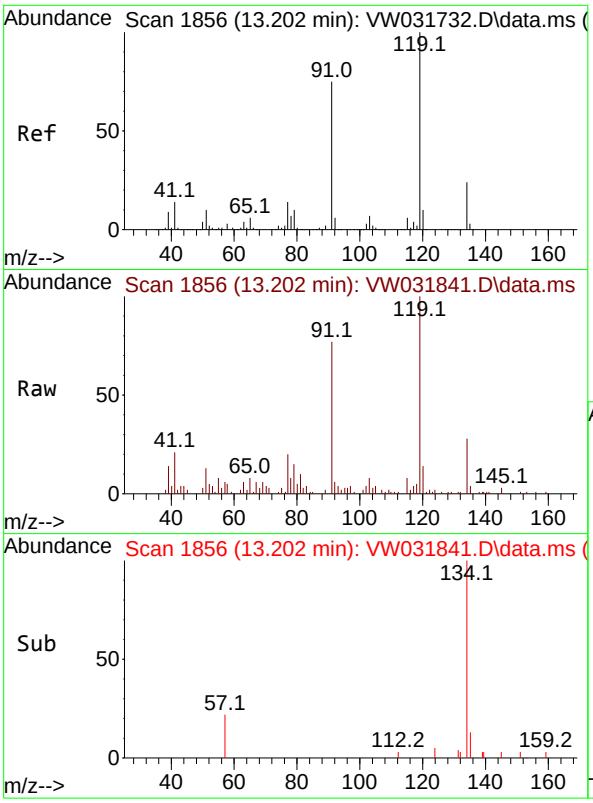


#80
1,3,5-Trimethylbenzene
Concen: 122.731 ug/l
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:105 Resp: 903463

Ion	Ratio	Lower	Upper
105	100		
120	48.4	23.8	71.2

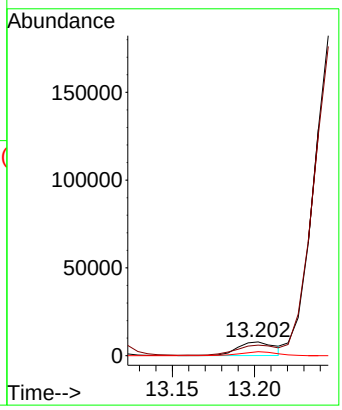




#83
tert-Butylbenzene
Concen: 1.937 ug/l
RT: 13.202 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:119 Resp: 1221

Ion	Ratio	Lower	Upper
119	100		
91	79.6	36.0	108.1
134	27.3	12.4	37.2



Instrument :
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ClientSampleId :
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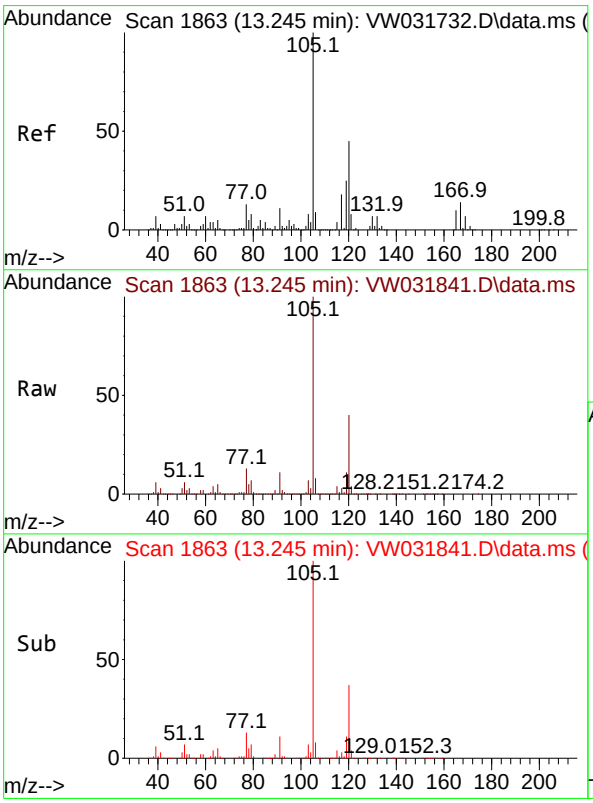
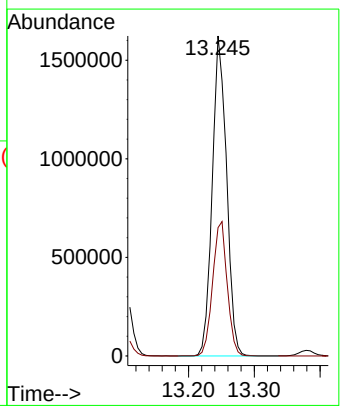
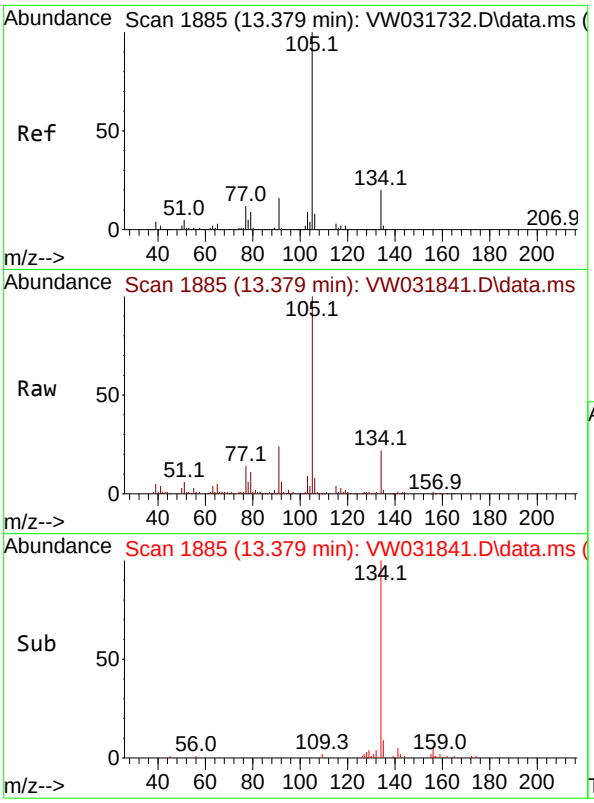


#84
1,2,4-Trimethylbenzene
Concen: 328.905 ug/l
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:105 Resp: 2453174

Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.1	66.1

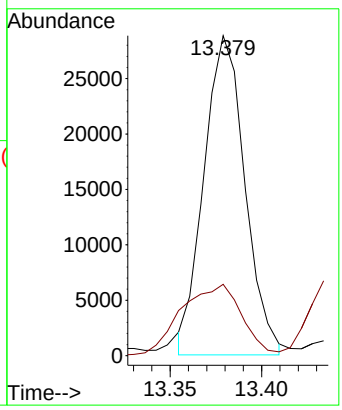




#85
sec-Butylbenzene
Concen: 4.727 ug/l m
RT: 13.379 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:105 Resp: 4473

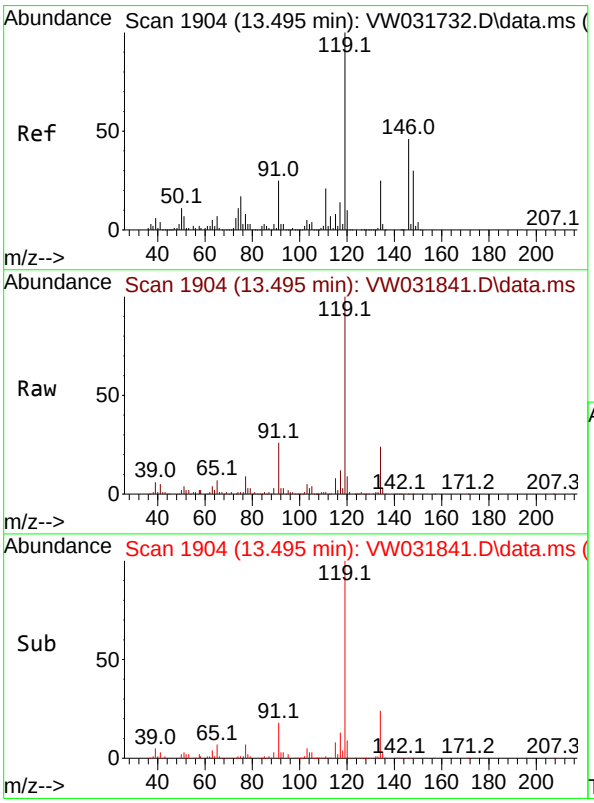
Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.6	28.8



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

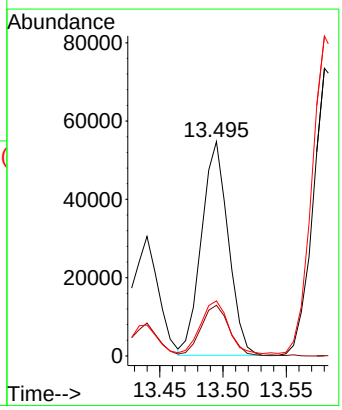
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

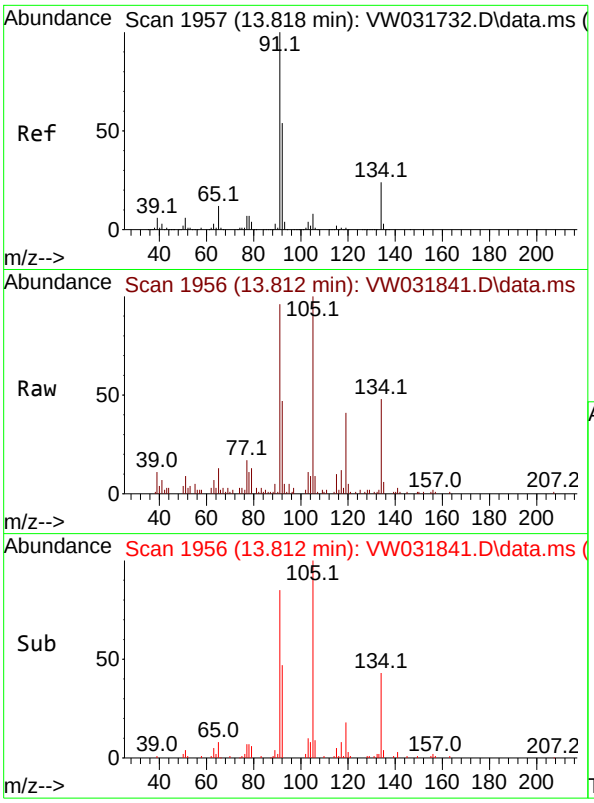


#86
p-Isopropyltoluene
Concen: 10.333 ug/l
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:119 Resp: 80598

Ion	Ratio	Lower	Upper
119	100		
134	24.7	12.9	38.7
91	25.0	12.7	38.0

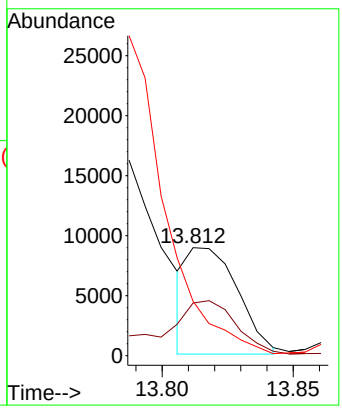




#89
n-Butylbenzene
Concen: 1.565 ug/l m
RT: 13.812 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion: 91 Resp: 1186

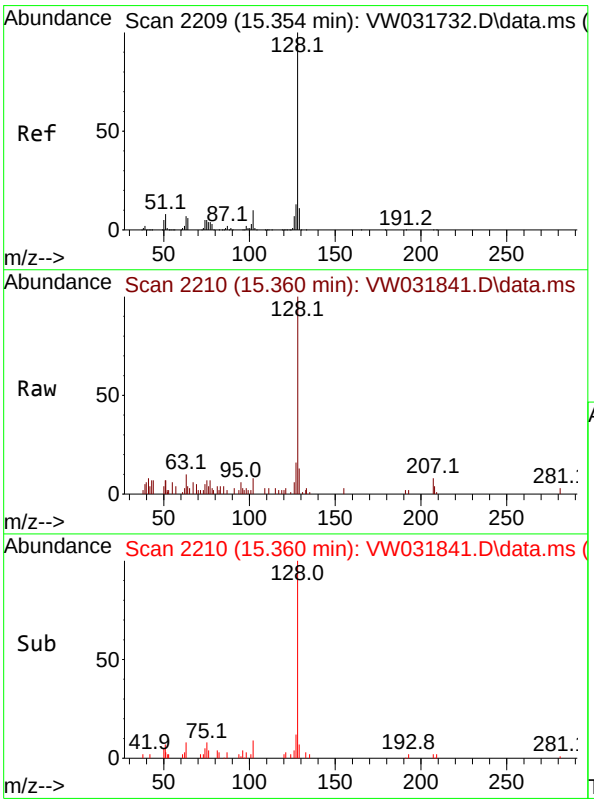
Ion	Ratio	Lower	Upper
91	100		
92	5.1	27.2	81.5#
134	48.7	12.2	36.6#



Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Manual Integrations
APPROVED

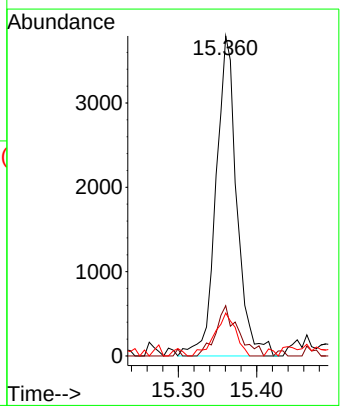
Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025



#95
Naphthalene
Concen: 1.280 ug/l
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031841.D
Acq: 14 Jul 2025 11:38

Tgt Ion:128 Resp: 7035

Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.8	16.2#
129	13.5	8.7	13.1#



Sample Results: **VW031841.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

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_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031841.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.082	186	196	217	rBV	638235	1862571	4.92%	0.890%
2	3.436	246	254	274	rVB	174313	492296	1.30%	0.235%
3	4.161	357	373	396	rVB4	114422	457656	1.21%	0.219%
4	4.996	485	510	544	rBV2	1364216	7994883	21.10%	3.821%
5	5.478	571	589	620	rBV	2255204	8772267	23.15%	4.192%
6	5.972	658	670	692	rVB	901001	2758676	7.28%	1.318%
7	6.752	785	798	812	rBV4	144343	510441	1.35%	0.244%
8	6.905	812	823	829	rVV	220479	714514	1.89%	0.341%
9	7.008	829	840	862	rVV	6155614	19538746	51.56%	9.337%
10	7.715	949	956	974	rVB	189797	548975	1.45%	0.262%
11	7.971	974	998	1006	rBV2	4868700	15242671	40.23%	7.284%
12	8.051	1006	1011	1022	rVB	925542	2456615	6.48%	1.174%
13	8.173	1022	1031	1036	rBV	1031807	2477274	6.54%	1.184%
14	8.240	1036	1042	1051	rVV	1252230	3292902	8.69%	1.574%
15	8.325	1051	1056	1066	rVB	165187	396554	1.05%	0.190%
16	8.447	1066	1076	1082	rBV	4682995	11209604	29.58%	5.357%
17	8.520	1082	1088	1093	rVV	4549970	10258643	27.07%	4.903%
18	8.587	1093	1099	1110	rVB	5591392	13152341	34.71%	6.285%
19	8.703	1110	1118	1130	rVB	734870	1571858	4.15%	0.751%
20	8.849	1132	1142	1147	rBV2	1192499	2847016	7.51%	1.361%
21	8.892	1147	1149	1155	rVB	505571	765255	2.02%	0.366%
22	9.124	1183	1187	1206	rVB	295813	650160	1.72%	0.311%
23	9.343	1207	1223	1240	rBV	15075697	37893261	100.00%	18.109%
24	9.526	1240	1253	1260	rBV	2389295	4538656	11.98%	2.169%
25	9.617	1260	1268	1275	rVB	597080	1186998	3.13%	0.567%
26	9.758	1281	1291	1300	rVB3	1024318	2329723	6.15%	1.113%
27	9.855	1300	1307	1313	rBV	2149956	4103670	10.83%	1.961%
28	9.910	1313	1316	1321	rVV3	328583	567522	1.50%	0.271%
29	10.087	1339	1345	1358	rBV3	397844	910130	2.40%	0.435%
30	10.209	1358	1365	1370	rBV	991870	1907579	5.03%	0.912%
31	10.325	1377	1384	1389	rBV2	1944063	3941674	10.40%	1.884%
32	10.508	1407	1414	1423	rVB4	905675	2704646	7.14%	1.293%
33	10.666	1435	1440	1447	rVB	1056199	1842497	4.86%	0.881%
34	10.751	1447	1454	1463	rVB4	1010317	2610418	6.89%	1.247%
35	11.014	1487	1497	1501	rBV4	248138	545041	1.44%	0.260%
36	11.062	1501	1505	1508	rVV	270877	456792	1.21%	0.218%

Sample Results: **VW031841.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

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_W\Method\82W063025S.M
Title : SW846 8260

37	11.099	1508	1511	1514	rVV2	230299	391149	1.03%	0.187%
38	11.142	1514	1518	1521	rVV2	507350	932823	2.46%	0.446%
39	11.178	1521	1524	1529	rVV	570754	955545	2.52%	0.457%
40	11.233	1529	1533	1538	rVB	240198	388633	1.03%	0.186%
41	11.635	1592	1599	1604	rBV2	679946	1205465	3.18%	0.576%
42	11.727	1609	1614	1624	rVB2	643184	1192654	3.15%	0.570%
43	11.837	1624	1632	1638	rBV	1971996	3895732	10.28%	1.862%
44	12.166	1675	1686	1703	rVB	391486	837355	2.21%	0.400%
45	12.464	1729	1735	1740	rBV	764825	1224571	3.23%	0.585%
46	12.617	1754	1760	1768	rBV2	382108	644372	1.70%	0.308%
47	12.800	1780	1790	1795	rBV	1277992	1990088	5.25%	0.951%
48	12.861	1795	1800	1803	rVV	925635	1561119	4.12%	0.746%
49	12.897	1803	1806	1809	rVV	1198670	1773240	4.68%	0.847%
50	12.940	1809	1813	1823	rVB	1698012	2643114	6.98%	1.263%
51	13.099	1833	1839	1848	rVB	1002816	1630519	4.30%	0.779%
52	13.245	1857	1863	1877	rVB	4411448	6828841	18.02%	3.263%
53	13.580	1908	1918	1925	rVB2	2200490	4109518	10.84%	1.964%
54	13.757	1942	1947	1962	rVB2	1139537	2348380	6.20%	1.122%
55	14.202	2015	2020	2027	rVB2	495571	789512	2.08%	0.377%
56	14.799	2110	2118	2125	rBV2	203166	398826	1.05%	0.191%

Sum of corrected areas: 209251981

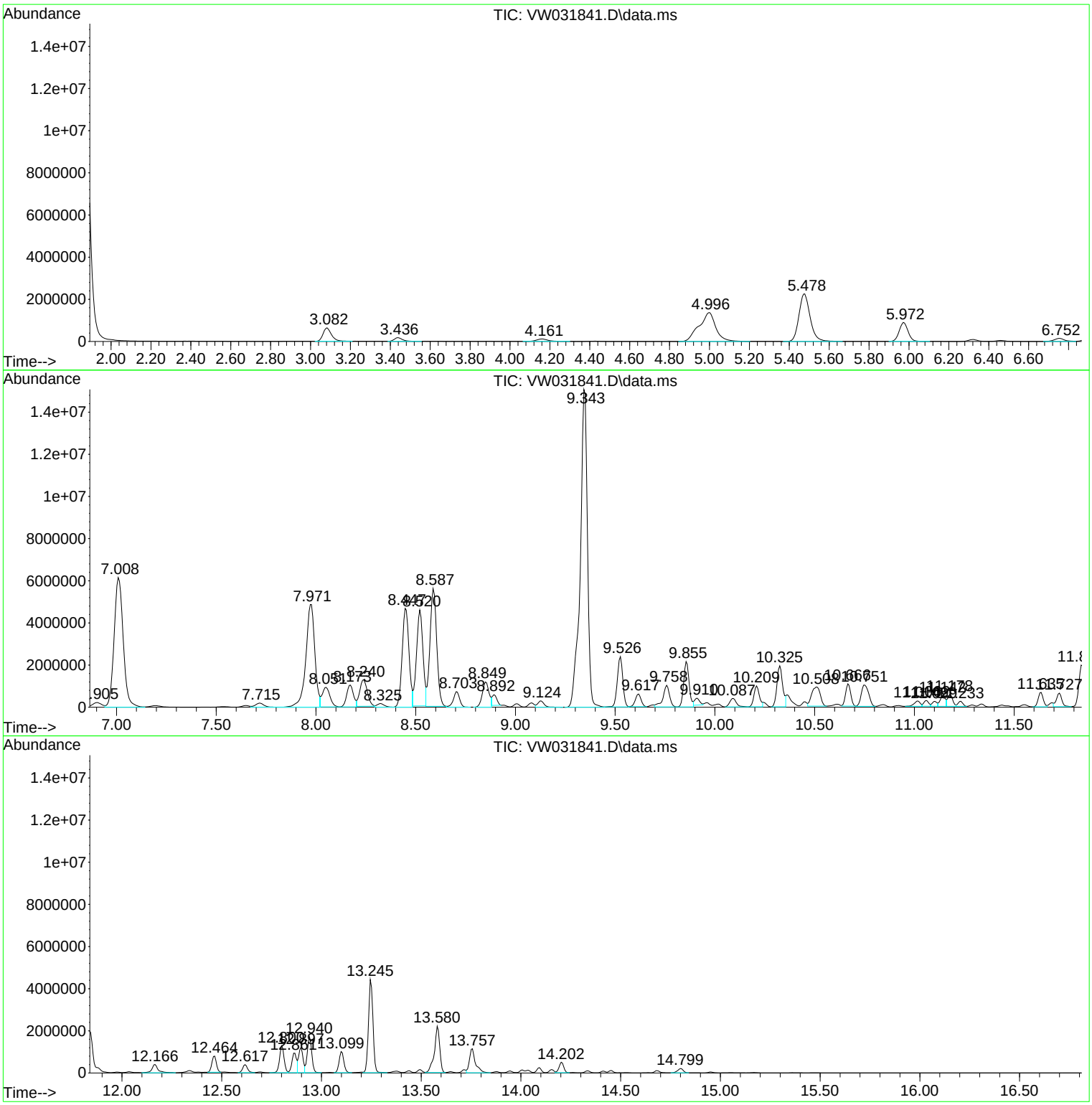
Sample Results: **VW031841.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

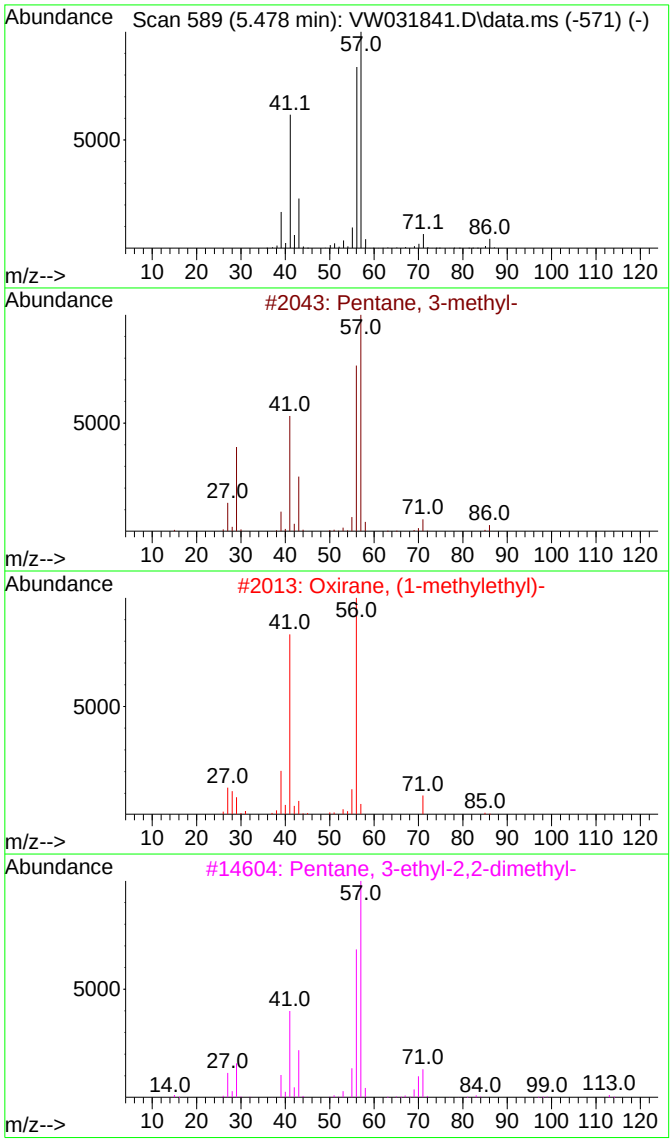
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

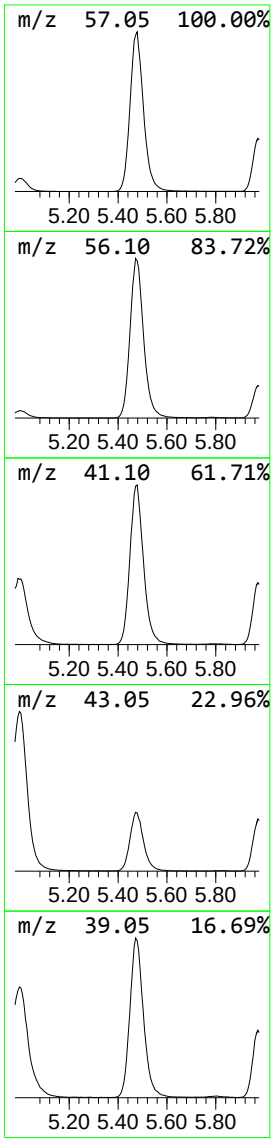
****

Peak Number 1 Pentane, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.478	28.78 ug/l	8772270	Pentafluorobenzene	7.965

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 3-methyl-	86	C6H14	000096-14-0	91
2	Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	64
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	43
4	Hexane, 2,2,3-trimethyl-	128	C9H20	016747-25-4	43
5	Sulphuric acid dibutyl ester	210	C8H18O4S	000625-22-9	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

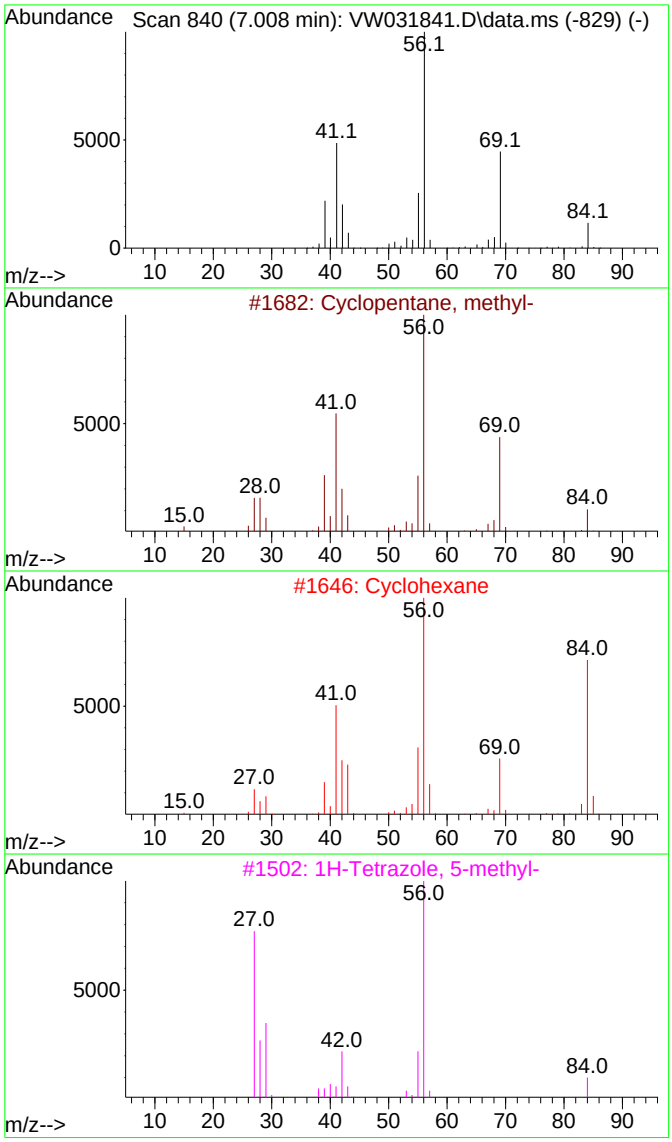
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

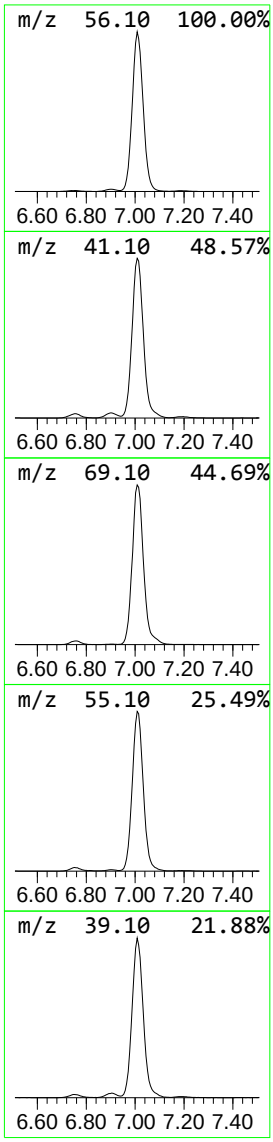
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.008	64.09 ug/l	19538700	Pentafluorobenzene	7.965

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	72
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

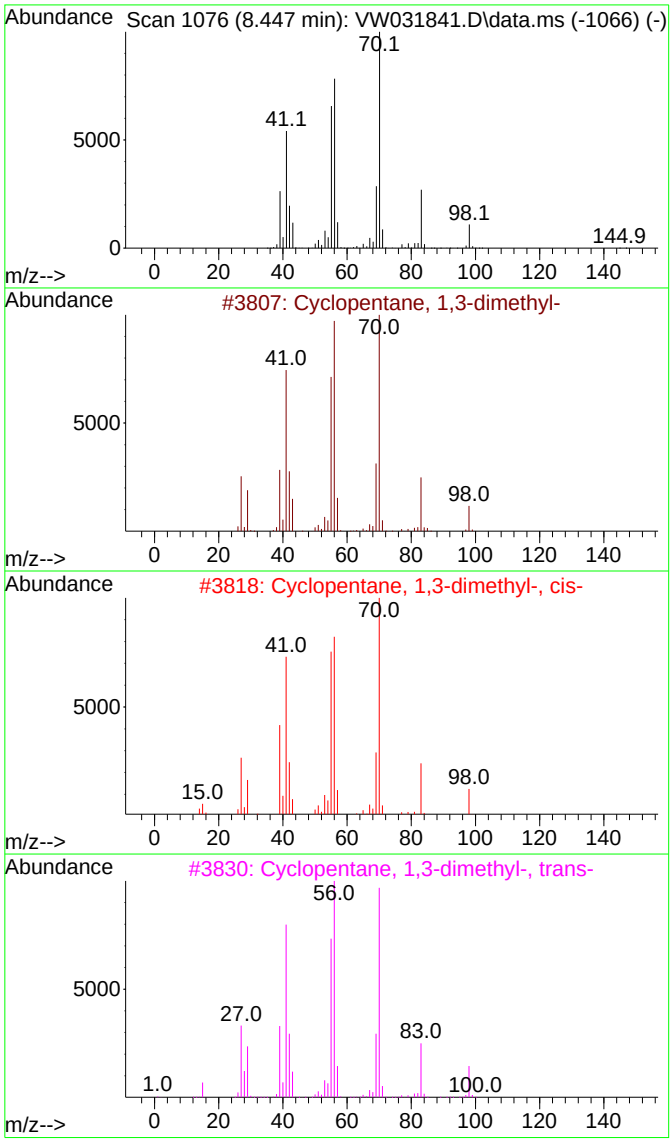
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

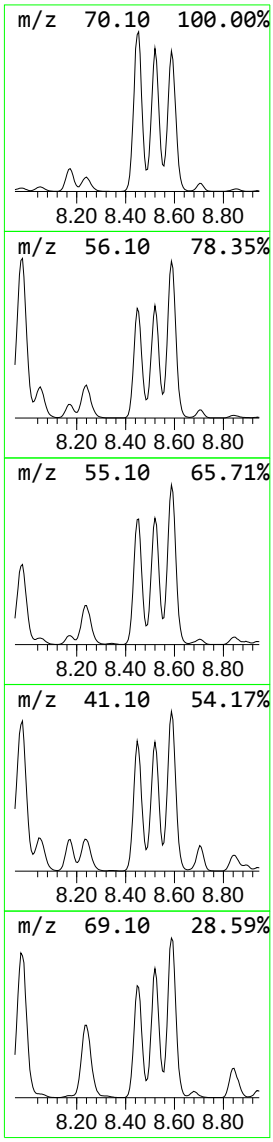
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopentane, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.447	196.87 ug/l	11209600	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	94
2	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	94
3	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	94
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	91
5	Cyclobutanone, 2,2-dimethyl-	98	C6H10O	001192-14-9	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

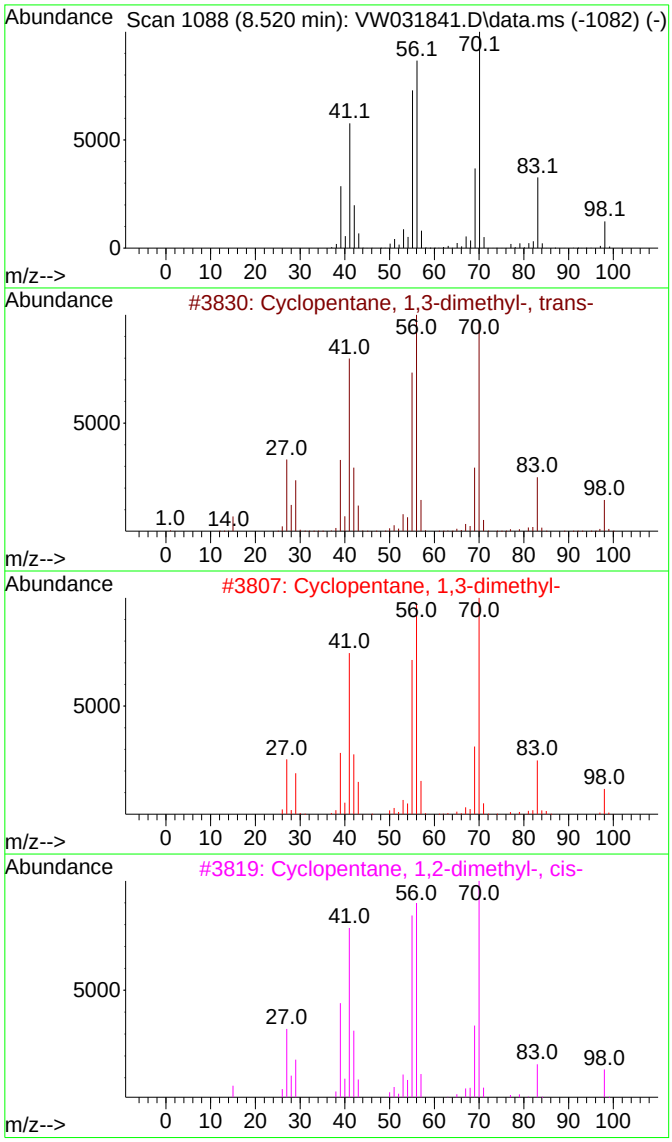
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

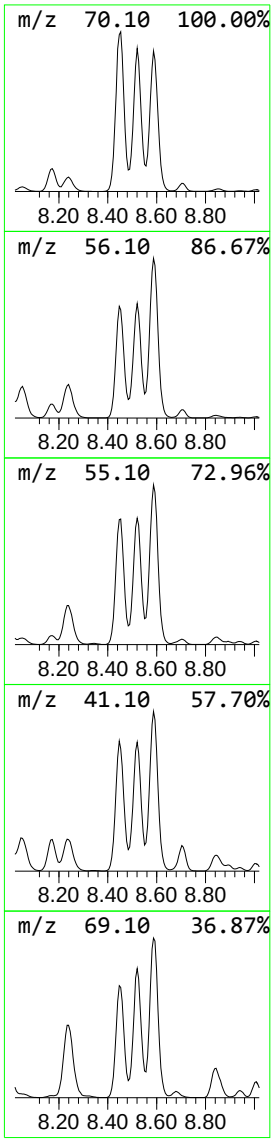
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane, 1,3-dimethyl-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.520	180.16 ug/l	10258600	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,3-dimethyl-, trans-	98	C7H14	001759-58-6	91
2	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	91
3	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	90
4	Cyclopentane, 1,3-dimethyl-, cis-	98	C7H14	002532-58-3	76
5	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	53





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

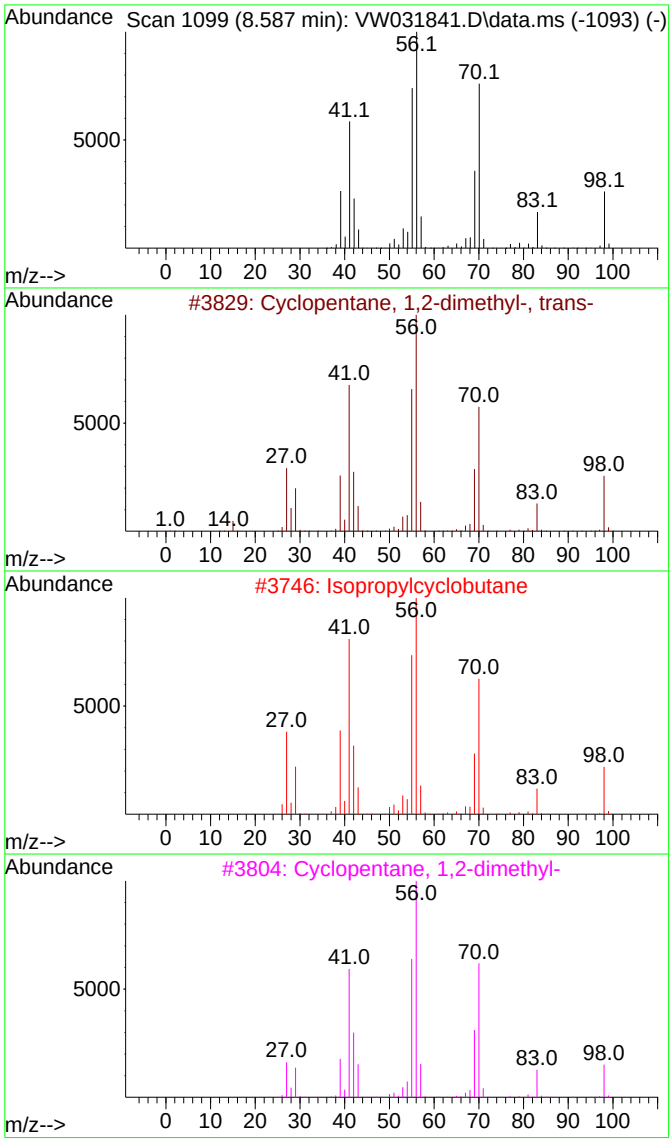
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

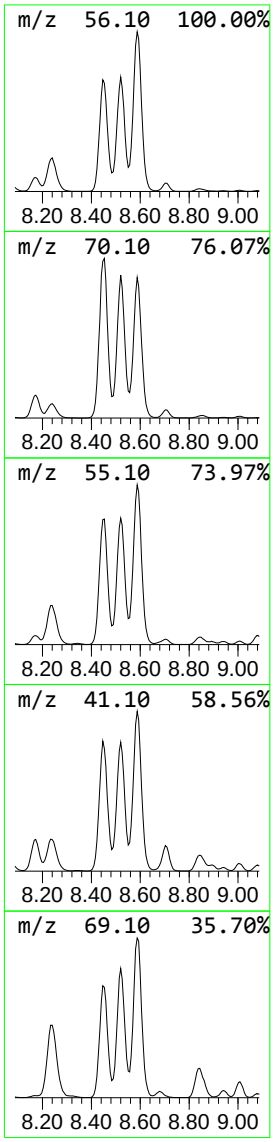
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, 1,2-dimethyl-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.587	230.99 ug/l	13152300	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	94
2	Isopropylcyclobutane	98	C7H14	000872-56-0	94
3	Cyclopentane, 1,2-dimethyl-	98	C7H14	002452-99-5	91
4	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	83
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	80





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Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

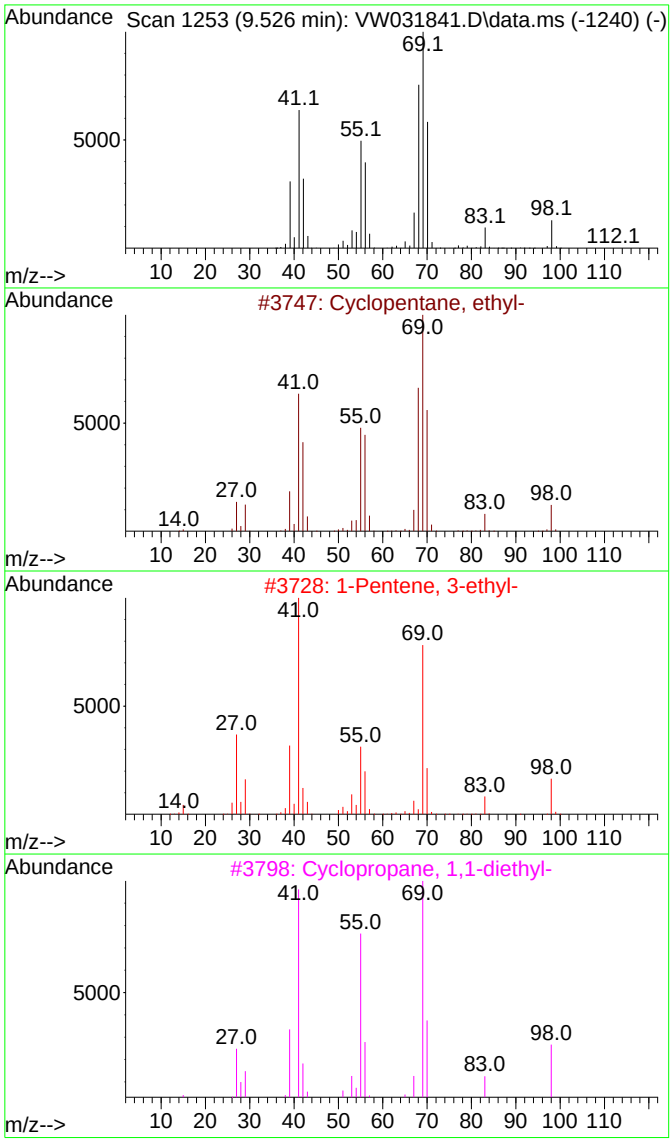
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

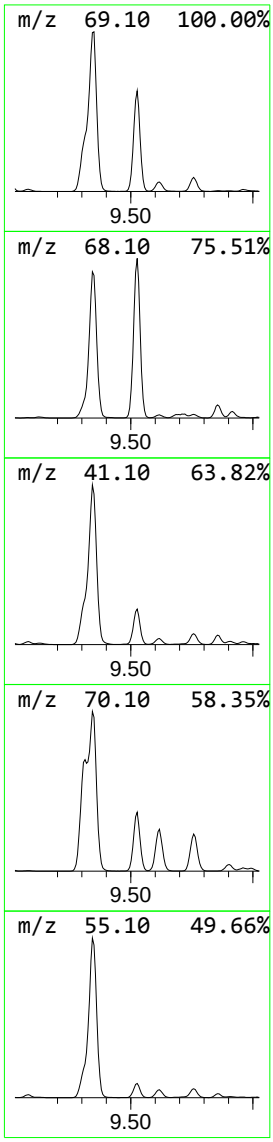
****

Peak Number 6 Cyclopentane, ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.526	79.71 ug/l	4538660	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, ethyl-	98	C7H14	001640-89-7	96
2	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	46
3	Cyclopropane, 1,1-diethyl-	98	C7H14	001003-19-6	43
4	3-Methyl-2-hexene	98	C7H14	017618-77-8	43
5	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	38





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Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

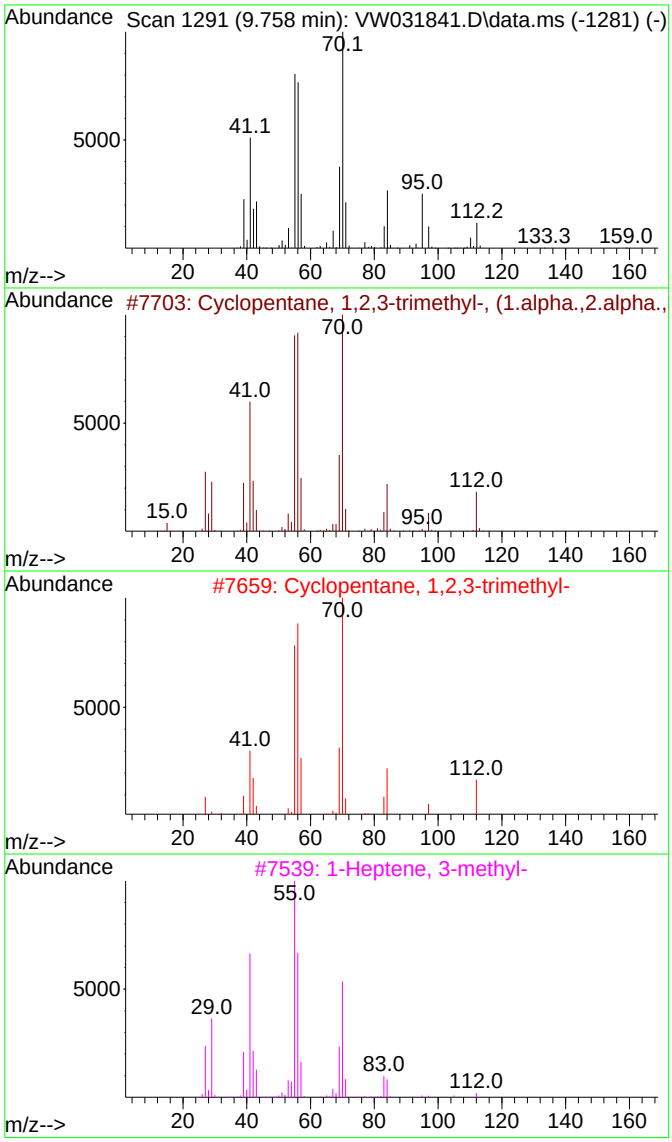
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

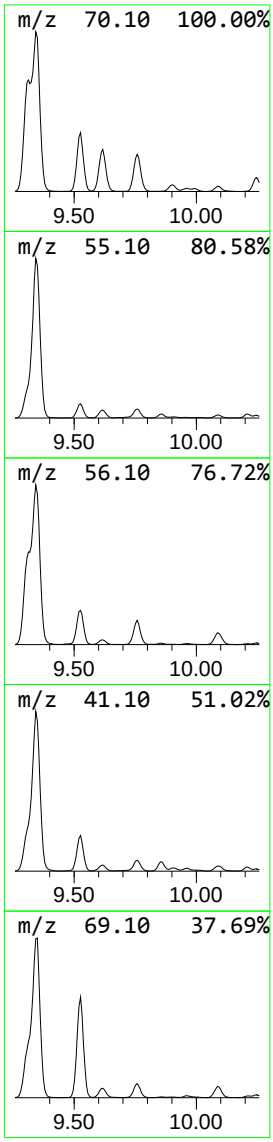
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentane, 1,2,3-trimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.758	40.92 ug/l	2329720	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	93
2	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	87
3	1-Heptene, 3-methyl-	112	C8H16	004810-09-7	76
4	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	49
5	2-Hexene, 3,5-dimethyl-	112	C8H16	003404-79-3	43





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Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

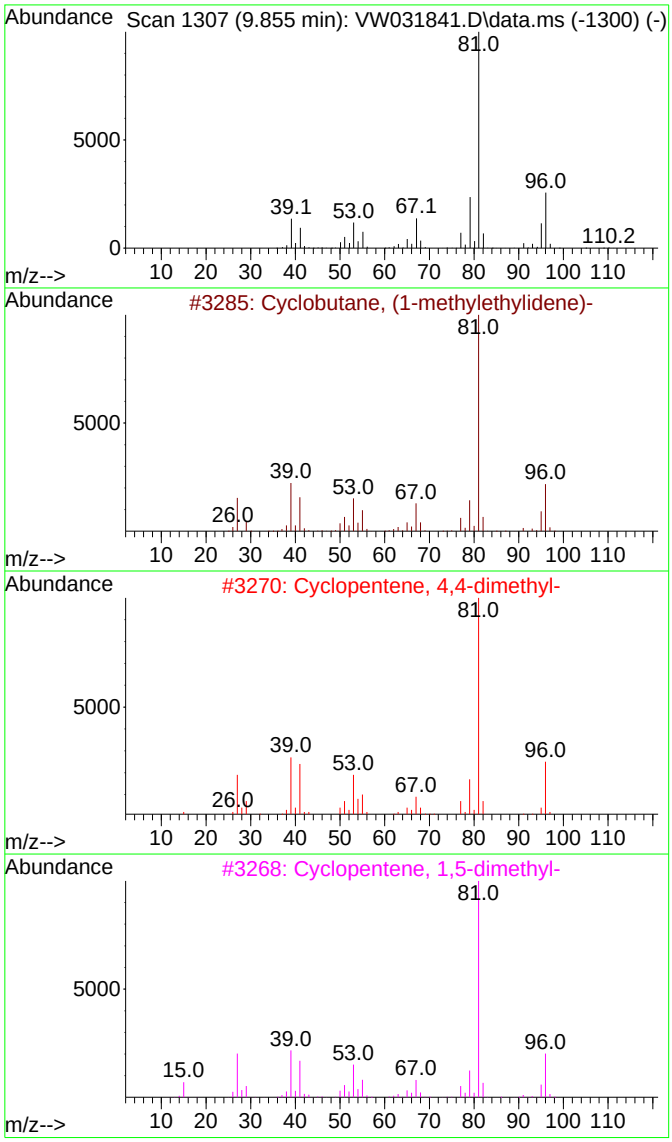
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

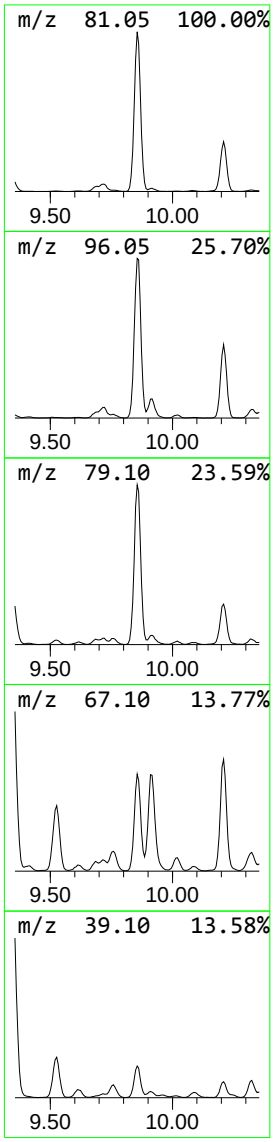
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclobutane, (1-methylethyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.855	72.07 ug/l	4103670	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	90
2	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	90
3	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	87
4	Cyclopropane, 1-methyl-1-isoprop...	96	C7H12	003422-07-9	86
5	2,4-Heptadiene, (E,E)-	96	C7H12	002384-94-3	78





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Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

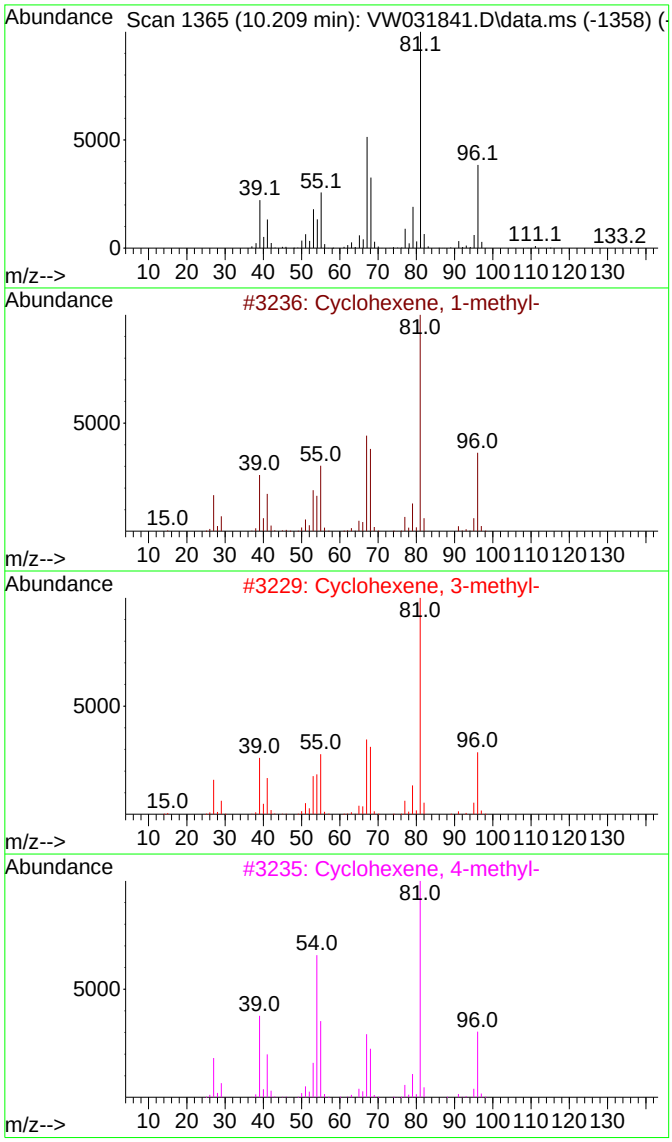
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

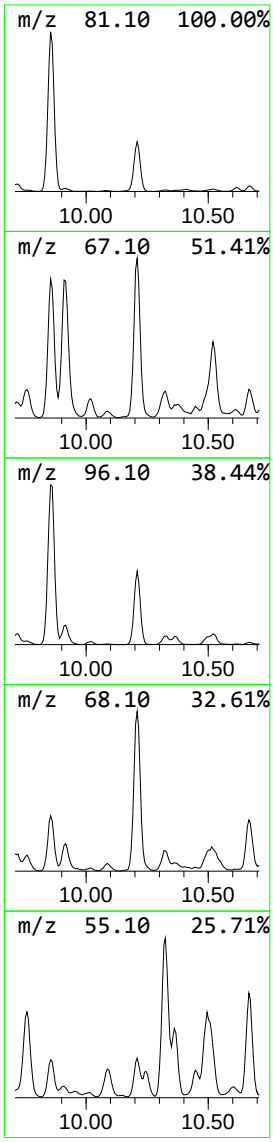
****

Peak Number 9 Cyclohexene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.209	33.50 ug/l	1907580	1,4-Difluorobenzene	8.855

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	95
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	94
3	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	81
4	1,4-Hexadiene, 2-methyl-	96	C7H12	001119-14-8	68
5	Cyclohexane, methylene-	96	C7H12	001192-37-6	60





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Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

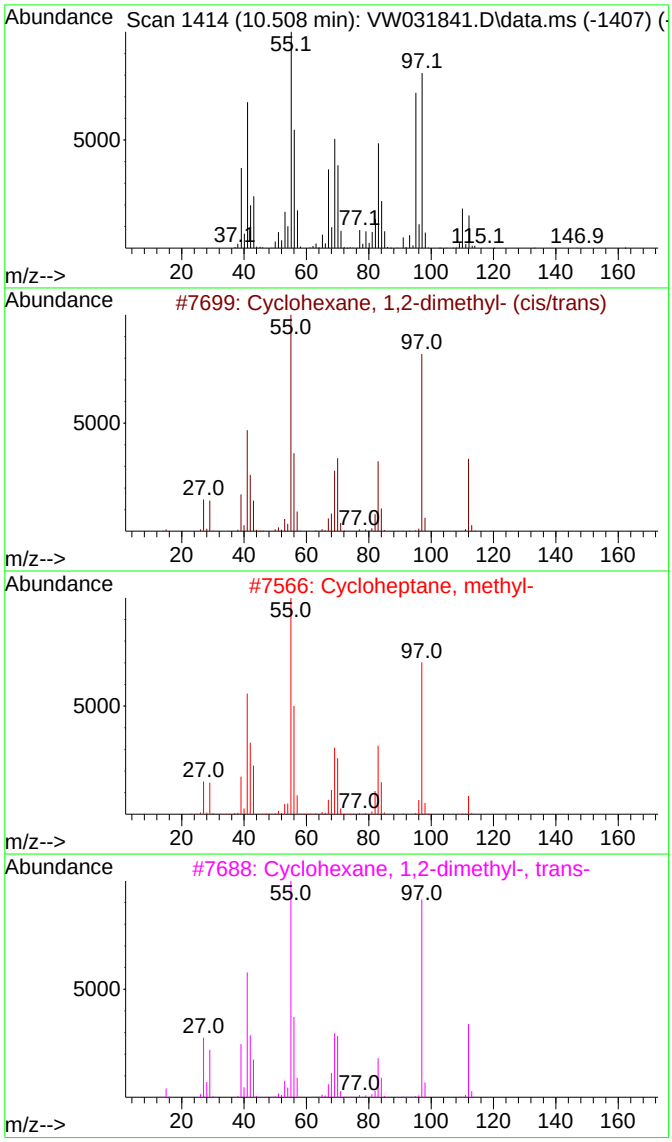
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

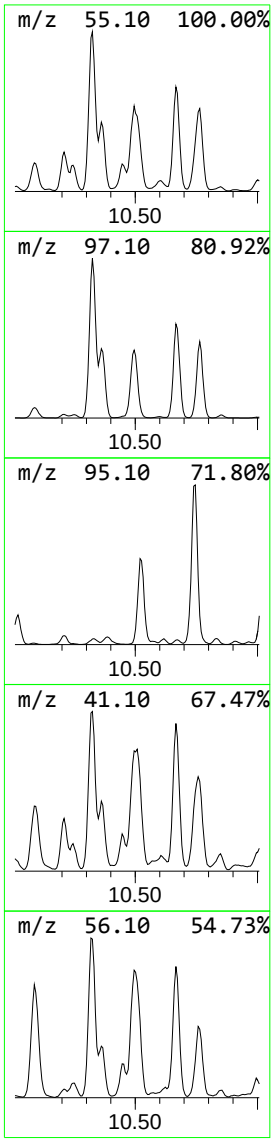
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.508	112.18 ug/l	2704650	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	64
2	Cycloheptane, methyl-	112	C8H16	004126-78-7	62
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	58
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	38
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

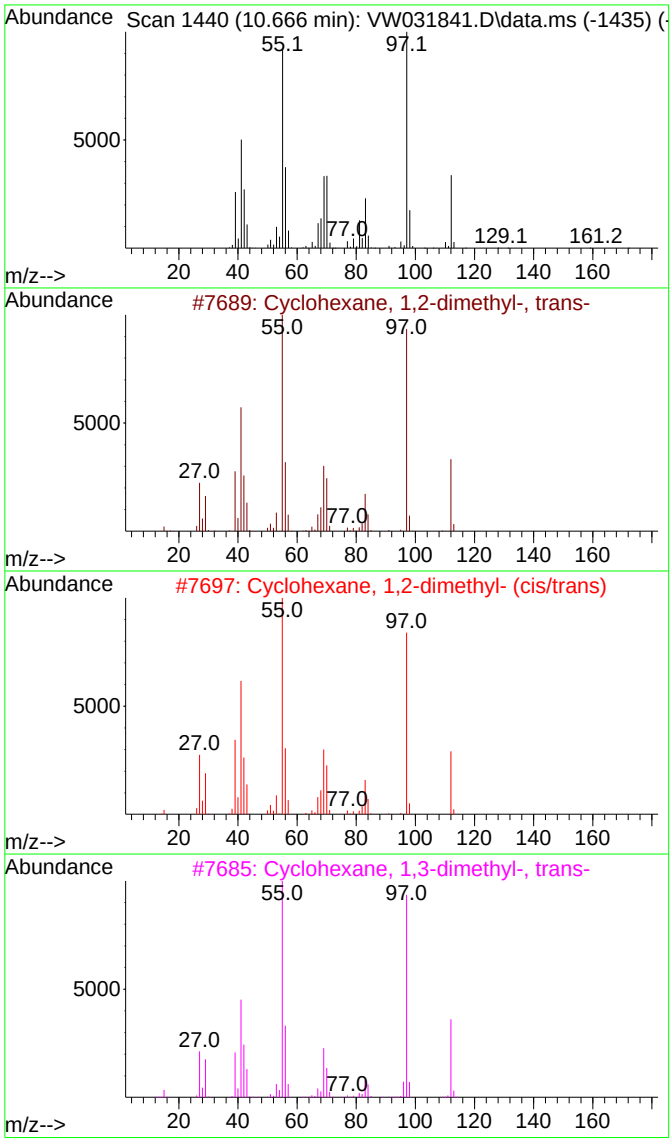
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

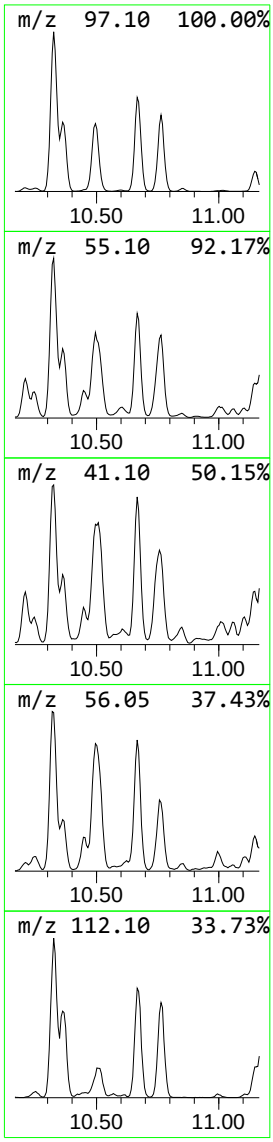
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.666	76.42 ug/l	1842500	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	87
3	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	72
4	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64
5	1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	52





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Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

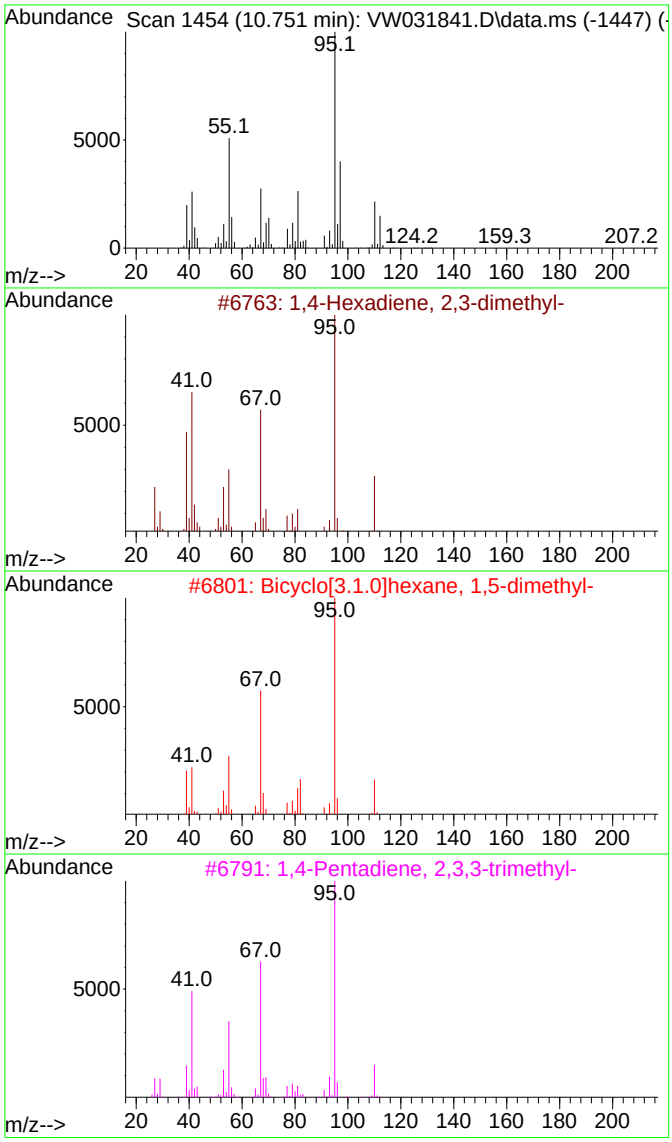
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

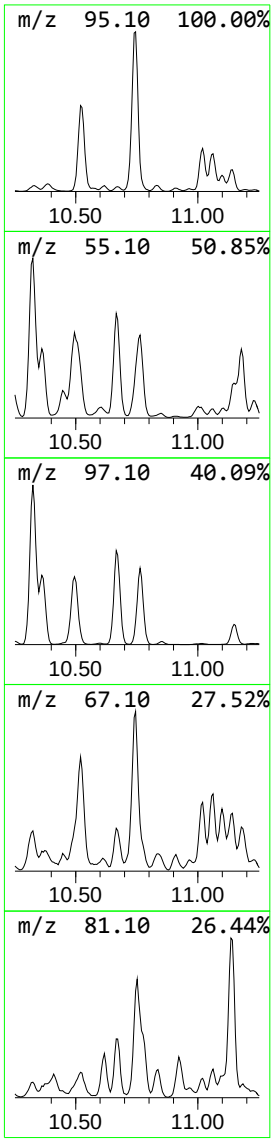
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,4-Hexadiene, 2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	108.27 ug/l	2610420	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2,3-dimethyl-	110	C8H14	018669-52-8	62
2	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	55
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	49
4	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	49
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	49





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Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

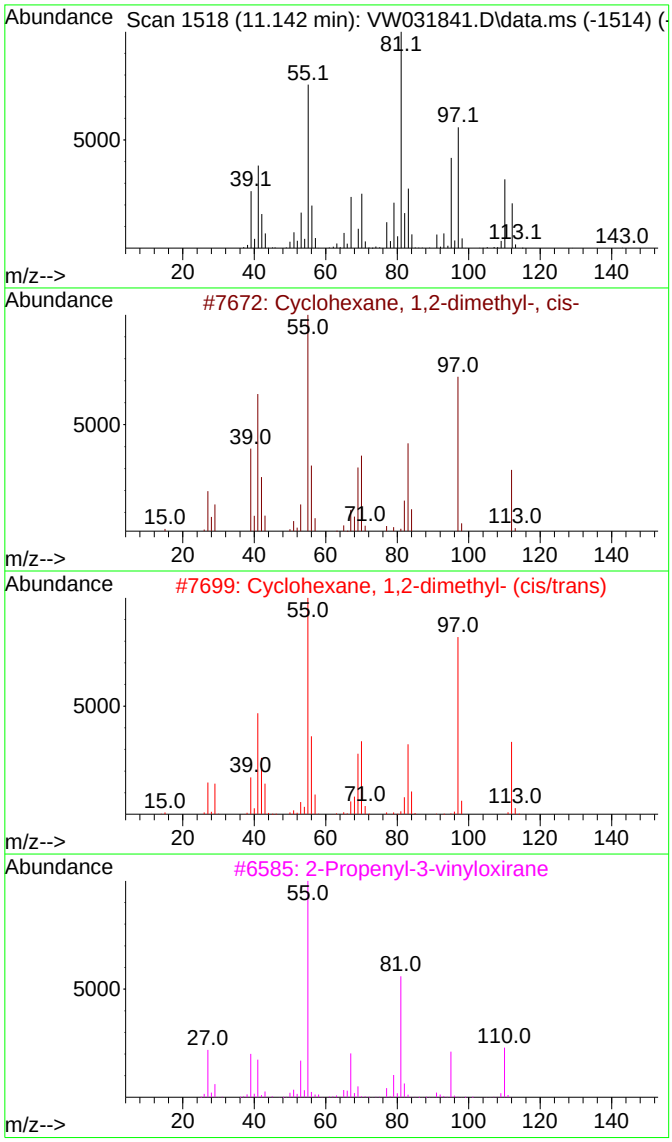
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

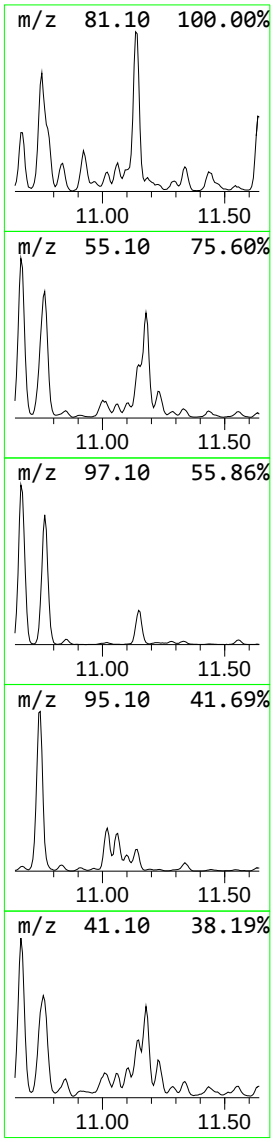
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.142	38.69 ug/l	932823	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	93
2	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	70
3	2-Propenyl-3-vinyloxirane	110	C7H10O	070597-49-8	43
4	Cyclohexene, 3-ethyl-	110	C8H14	002808-71-1	38
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35





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Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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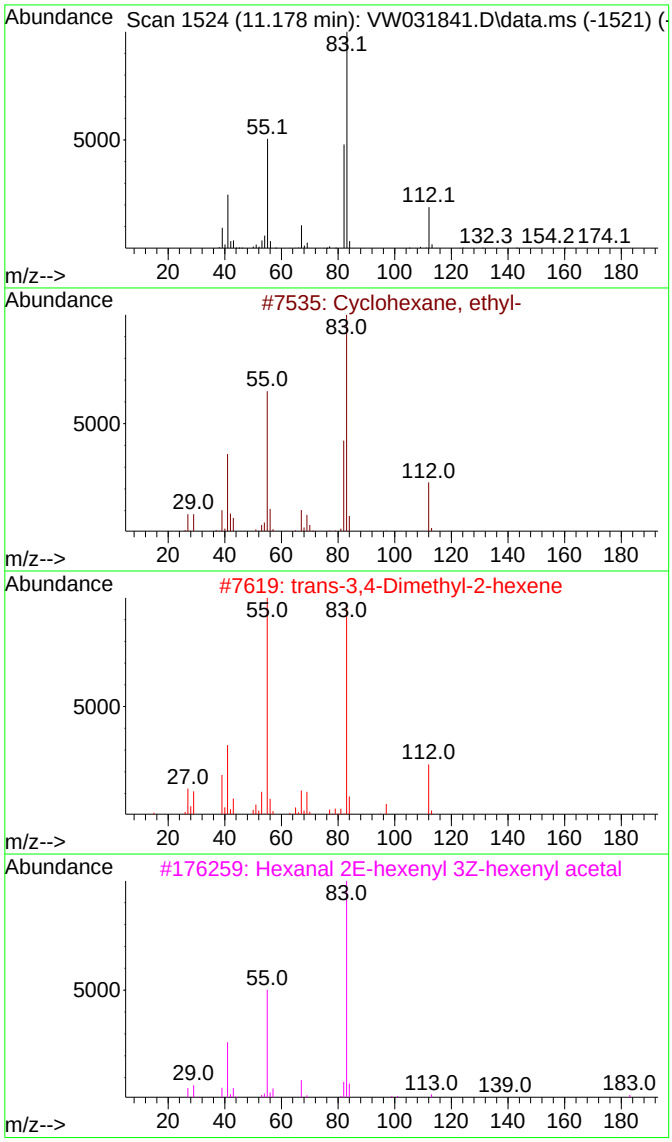
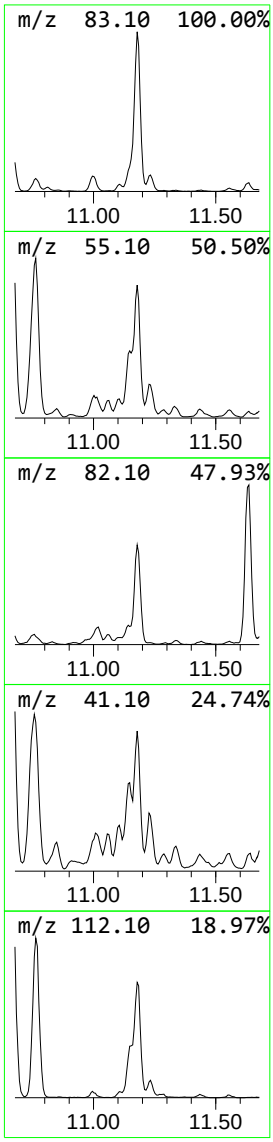
Peak Number 14 Cyclohexane, ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.178	39.63 ug/l	955545	Chlorobenzene-d5	11.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	trans-3,4-Dimethyl-2-hexene	112	C8H16	019550-82-4	50
3	Hexanal 2E-hexenyl 3Z-hexenyl ac...	282	C18H34O2	1000431-43-4	50
4	Oxalic acid, cyclohexyl propyl e...	214	C11H18O4	1000309-30-3	50
5	4-Oxohex-2-enal	112	C6H8O2	020697-55-6	50





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Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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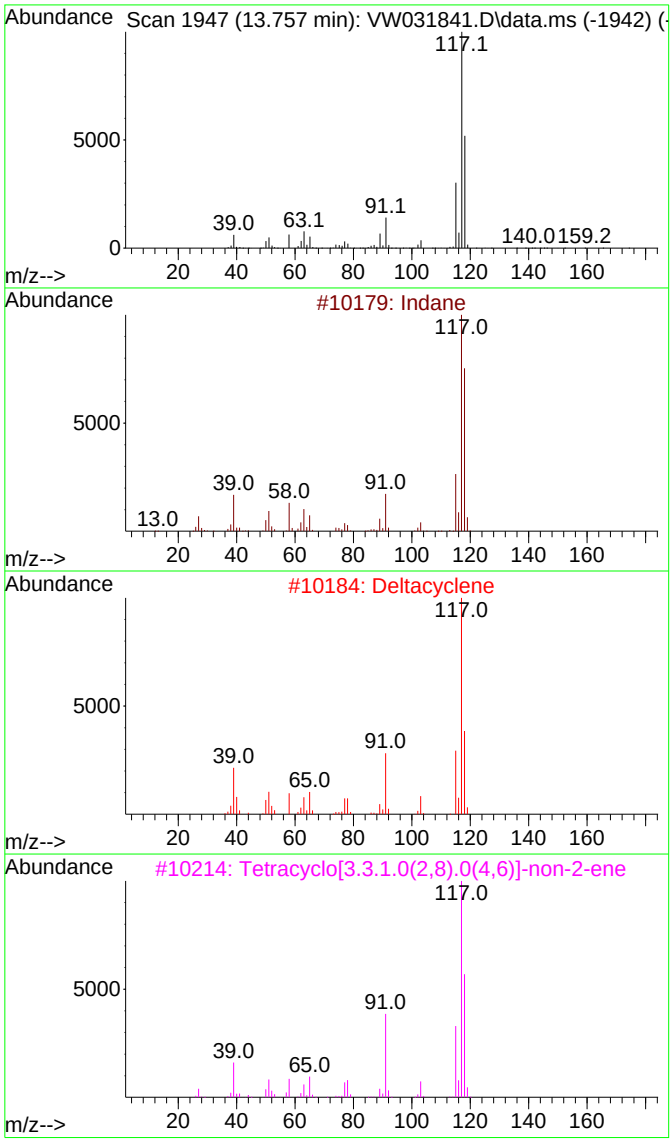
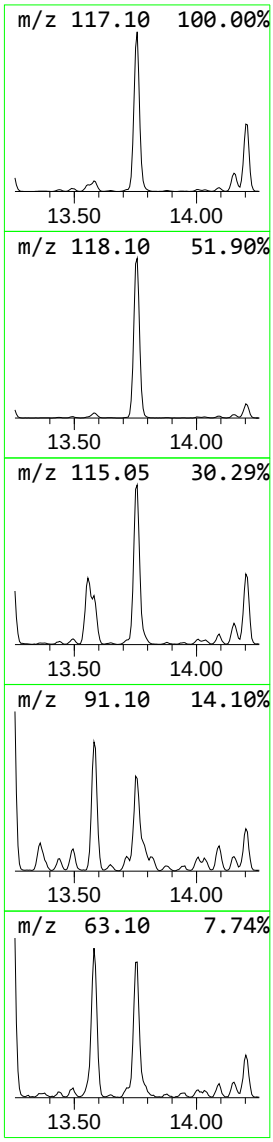
Peak Number 15 Indane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.757	28.57 ug/l	2348380	1,4-Dichlorobenzene-d4	13.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Deltacyclene	118	C9H10	007785-10-6	64
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	59
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53





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Data File : VW031841.D
Acq On : 14 Jul 2025 11:38
Operator : SY/MD
Sample : Q2503-04
Misc : 5.06g/5mL/MSVOA_W/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GCAP3

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentane, 3-methyl-	5.478	28.8	ug/l	8772270	1	7.965	15242700	50.0
Cyclopentane, m...	7.008	64.1	ug/l	19538700	1	7.965	15242700	50.0
Cyclopentane, 1...	8.447	196.9	ug/l	11209600	2	8.855	2847020	50.0
Cyclopentane, 1...	8.520	180.2	ug/l	10258600	2	8.855	2847020	50.0
Cyclopentane, 1...	8.587	231.0	ug/l	13152300	2	8.855	2847020	50.0
Cyclopentane, e...	9.526	79.7	ug/l	4538660	2	8.855	2847020	50.0
Cyclopentane, 1...	9.758	40.9	ug/l	2329720	2	8.855	2847020	50.0
Cyclobutane, (1...	9.855	72.1	ug/l	4103670	2	8.855	2847020	50.0
Cyclohexene, 1-...	10.209	33.5	ug/l	1907580	2	8.855	2847020	50.0
Cyclohexane, 1,...	10.508	112.2	ug/l	2704650	3	11.629	1205470	50.0
Cyclohexane, 1,...	10.666	76.4	ug/l	1842500	3	11.629	1205470	50.0
1,4-Hexadiene, ...	10.751	108.3	ug/l	2610420	3	11.629	1205470	50.0
Cyclohexane, 1,...	11.142	38.7	ug/l	932823	3	11.629	1205470	50.0
Cyclohexane, et...	11.178	39.6	ug/l	955545	3	11.629	1205470	50.0
Indane	13.757	28.6	ug/l	2348380	4	13.556	4109520	50.0

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047010.D
Acq On : 15 Jul 2025 18:10
Operator : JC/MD
Sample : Q2503-04ME
Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Quant Time: Jul 16 02:32:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

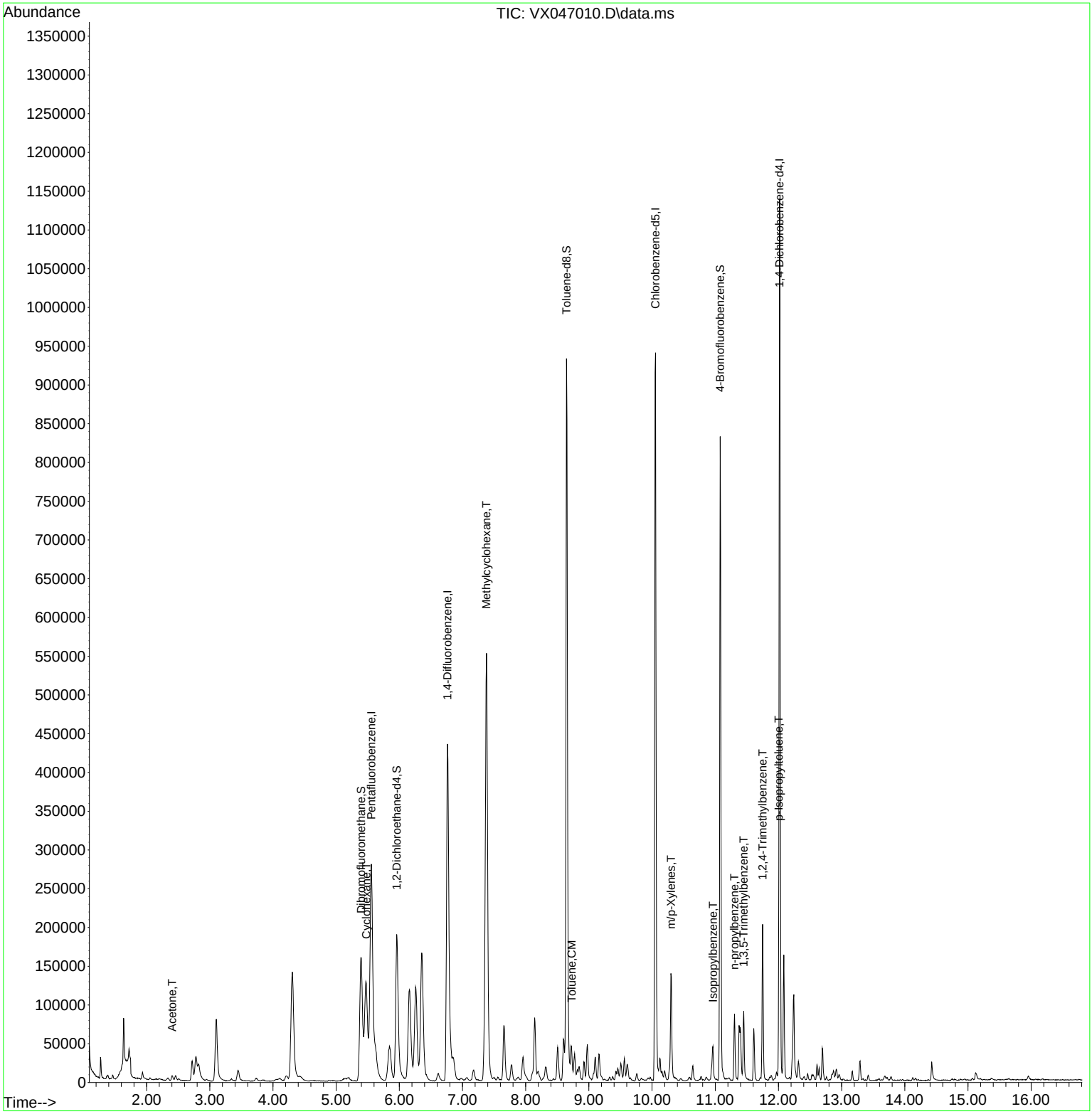
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	288950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	484552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	438449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	225226	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	199872	52.359	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.720%			
35) Dibromofluoromethane	5.397	113	158367	48.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.300%			
50) Toluene-d8	8.647	98	562676	48.486	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.980%			
62) 4-Bromofluorobenzene	11.079	95	227361	51.550	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.100%			
Target Compounds						Qvalue
16) Acetone	2.404	43	7963	6.716	ug/l	95
31) Cyclohexane	5.477	56	98569	18.064	ug/l	97
39) Methylcyclohexane	7.379	83	259722	46.786	ug/l	96
52) Toluene	8.726	92	18453	2.219	ug/l	95
68) m/p-Xylenes	10.299	106	33632	5.498	ug/l	99
73) Isopropylbenzene	10.964	105	22159	1.400	ug/l	98
78) n-propylbenzene	11.305	91	50928	2.668	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	39602	3.078	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	86207	6.630	ug/l	97
86) p-Isopropyltoluene	12.006	119	17728	1.264	ug/l	98

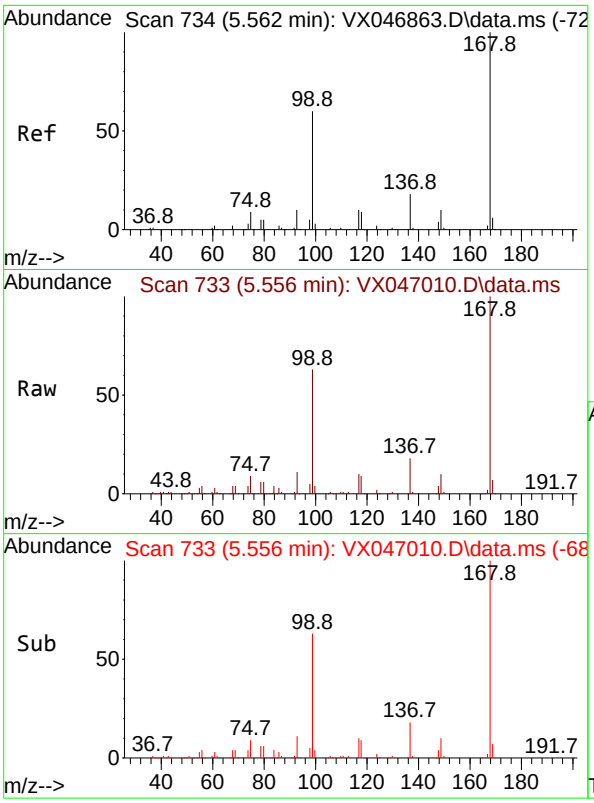
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047010.D
Acq On : 15 Jul 2025 18:10
Operator : JC/MD
Sample : Q2503-04ME
Misc : 4.49g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Quant Time: Jul 16 02:32:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



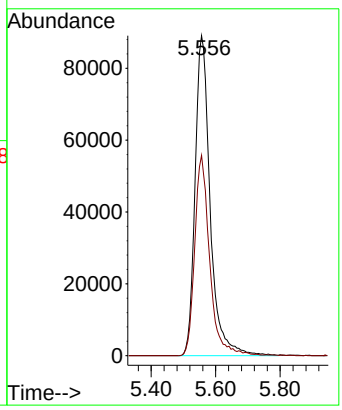


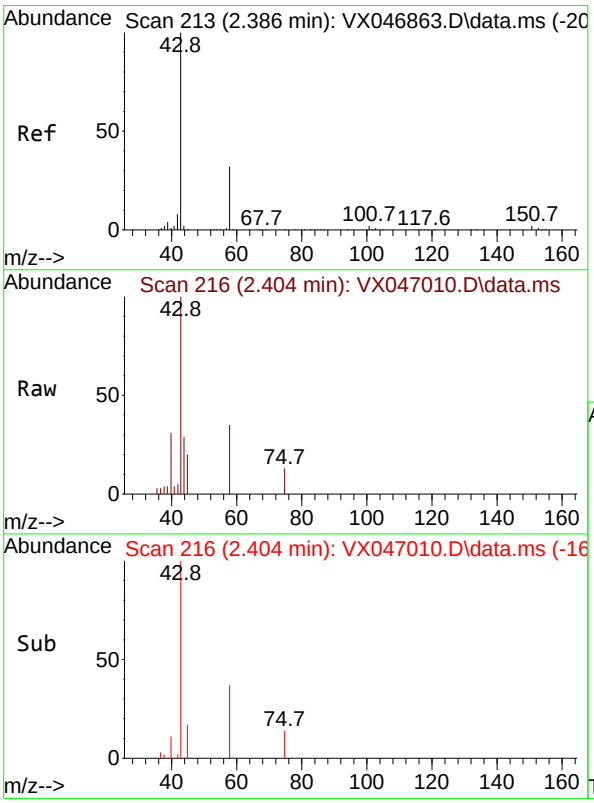
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:168 Resp: 288950

Ion	Ratio	Lower	Upper
168	100		
99	62.6	48.8	73.2

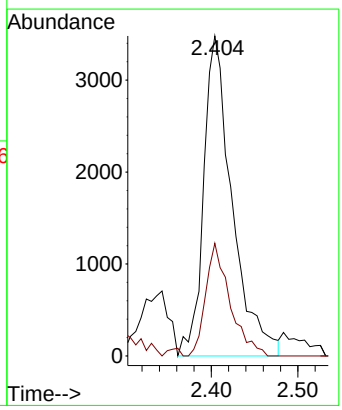


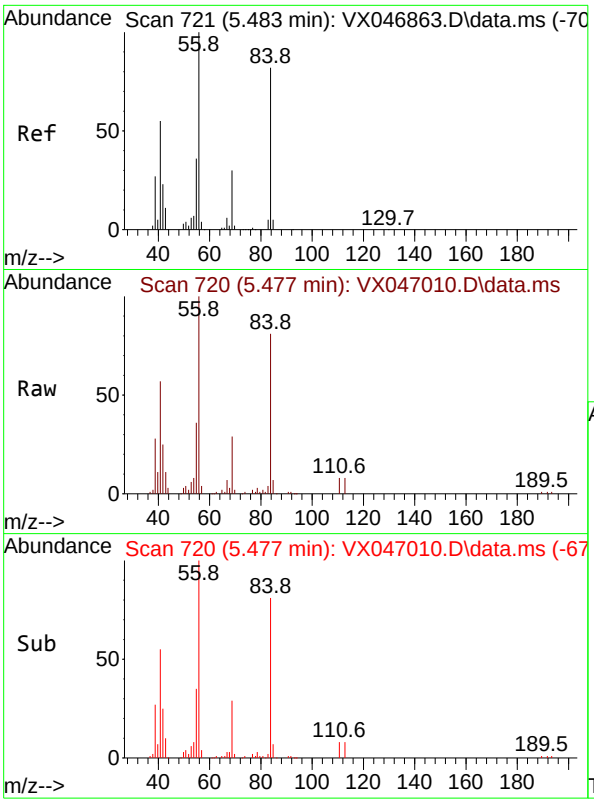


#16
Acetone
Concen: 6.716 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.018 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 43 Resp: 7963

Ion	Ratio	Lower	Upper
43	100		
58	35.2	25.8	38.6



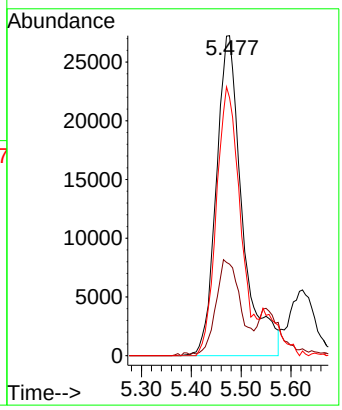


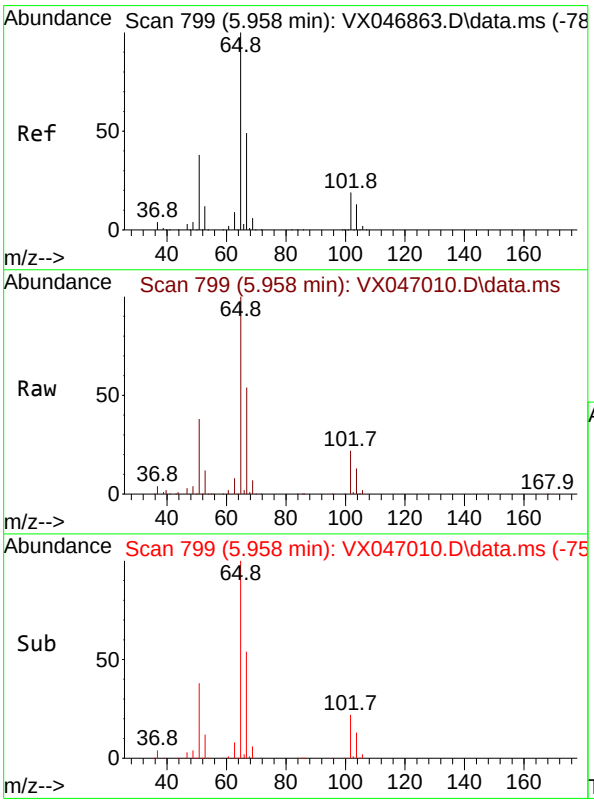
#31
Cyclohexane
Concen: 18.064 ug/l
RT: 5.477 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 56 Resp: 98569

Ion	Ratio	Lower	Upper
56	100		
69	28.0	24.0	36.0
84	80.8	66.5	99.7

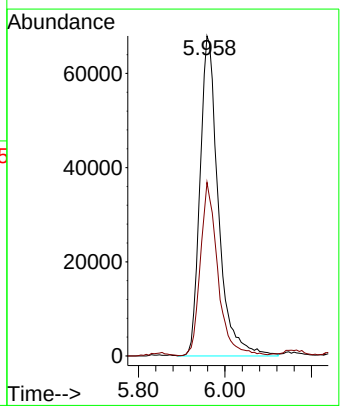


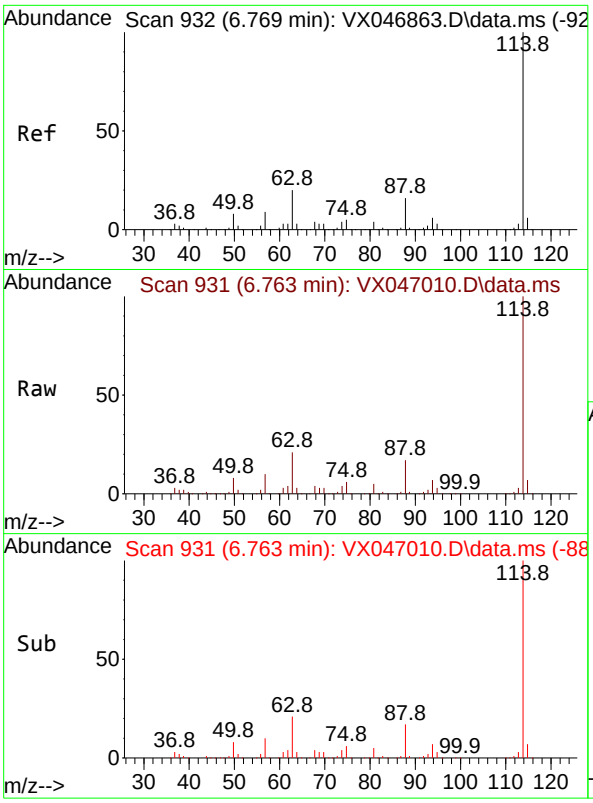


#33
1,2-Dichloroethane-d4
Concen: 52.359 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 65 Resp: 199872

Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	105.2



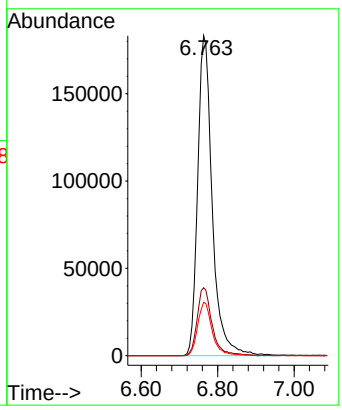


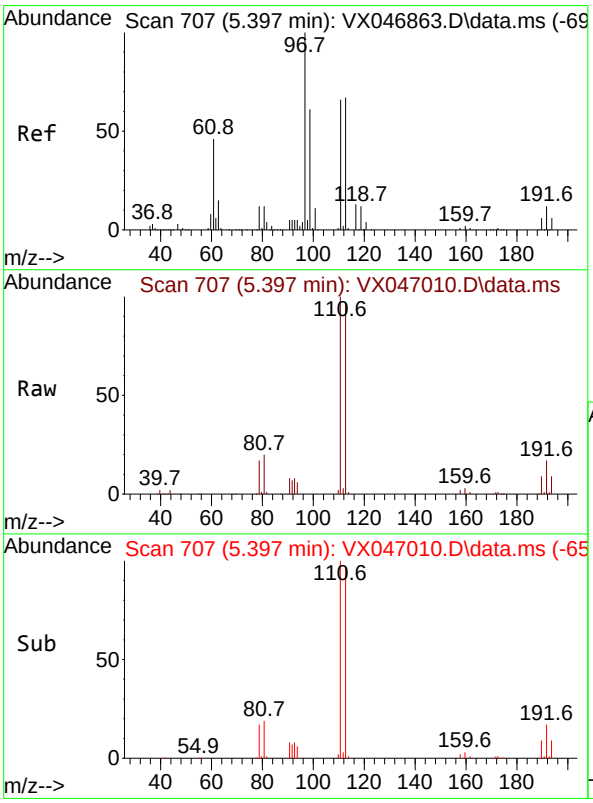
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:114 Resp: 484552

Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.4
88	16.7	0.0	31.0

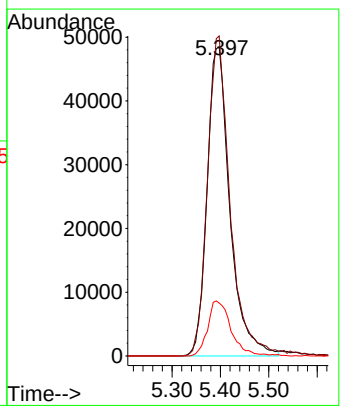


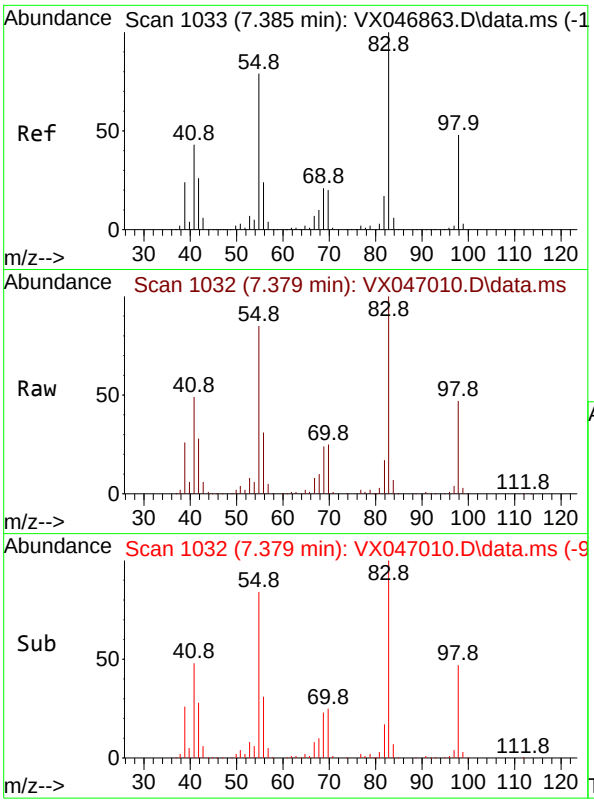


#35
Dibromofluoromethane
Concen: 48.148 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:113 Resp: 158367

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.2	121.8
192	18.1	15.3	22.9



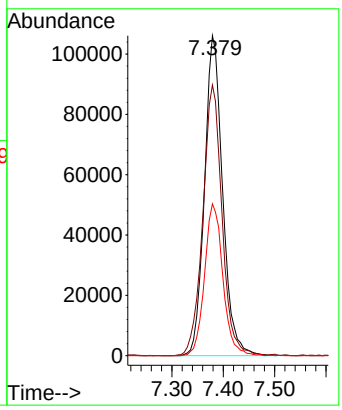


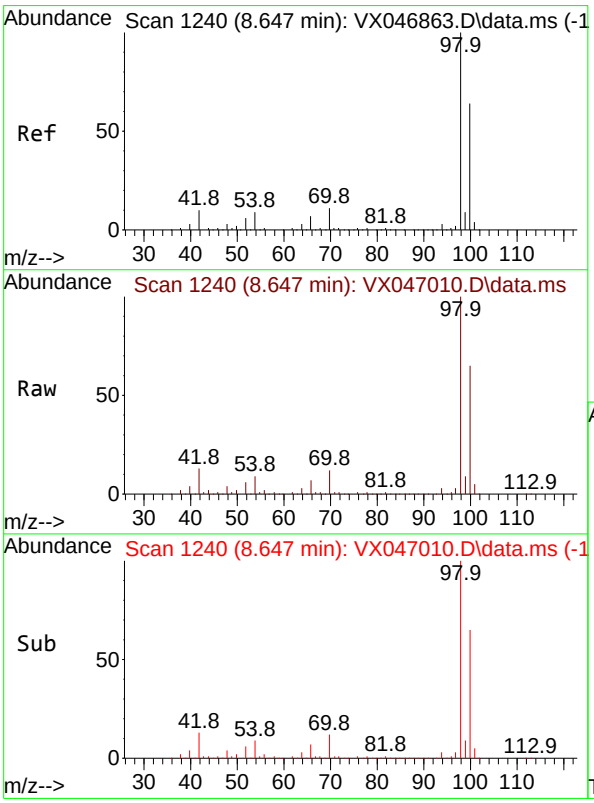
#39
Methylcyclohexane
Concen: 46.786 ug/l
RT: 7.379 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 83 Resp: 259722

Ion	Ratio	Lower	Upper
83	100		
55	84.4	63.0	94.4
98	47.5	38.5	57.7

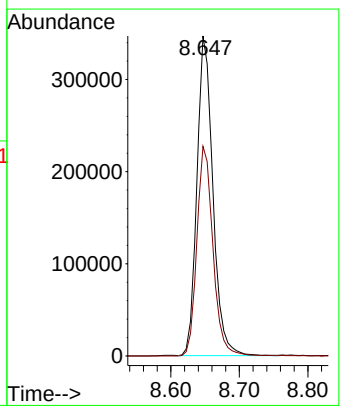


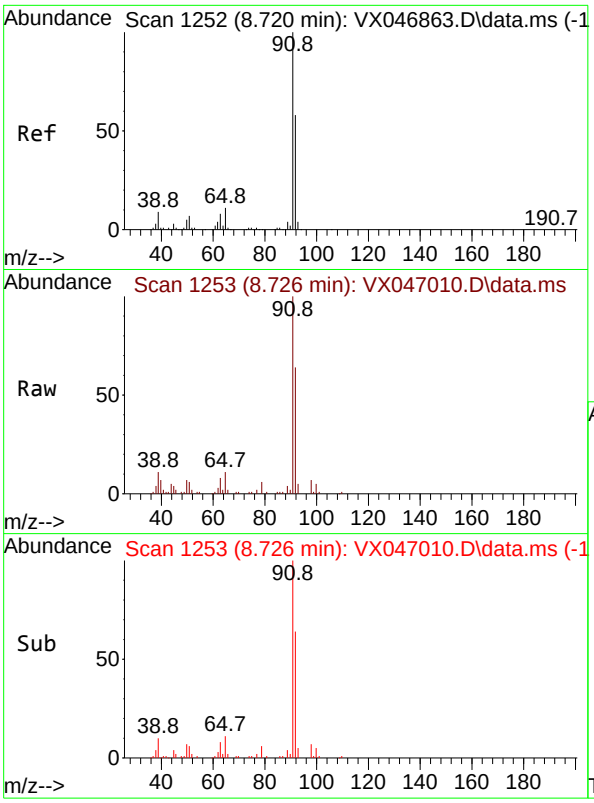


#50
Toluene-d8
Concen: 48.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 98 Resp: 562676

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6



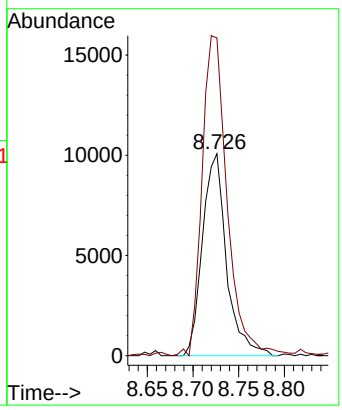


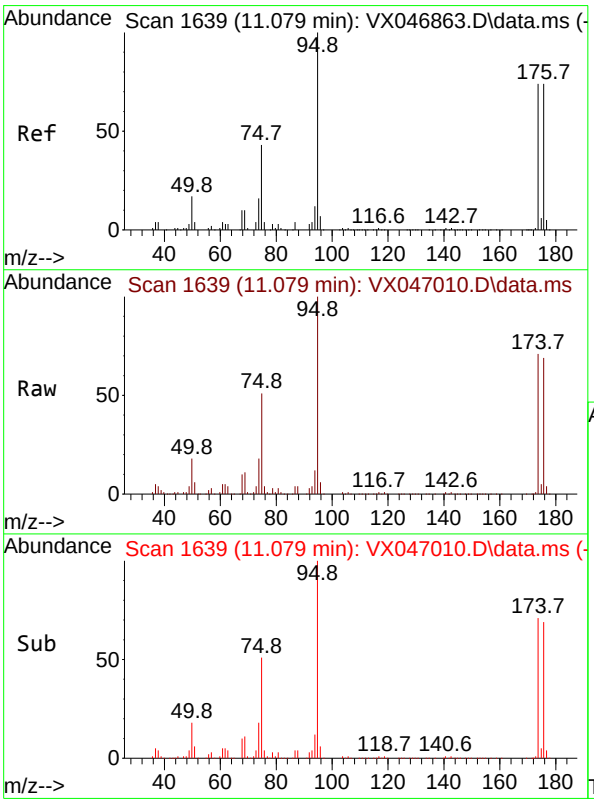
#52
Toluene
Concen: 2.219 ug/l
RT: 8.726 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 92 Resp: 18453

Ion	Ratio	Lower	Upper
92	100		
91	165.4	137.9	206.9

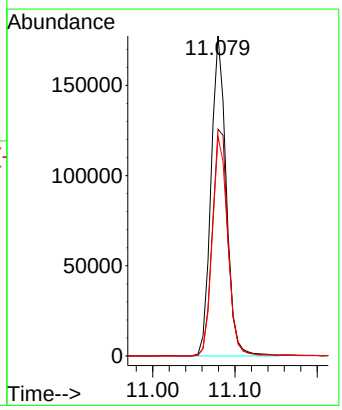


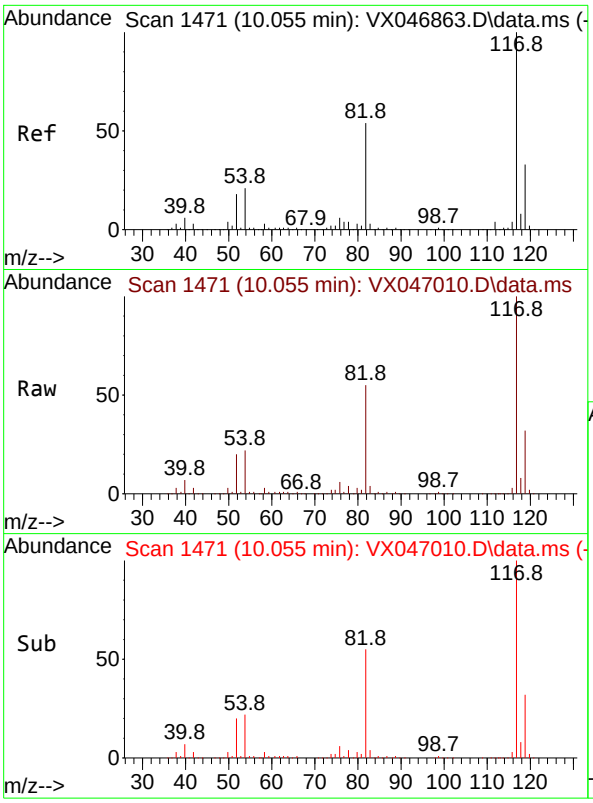


#62
4-Bromofluorobenzene
Concen: 51.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion: 95 Resp: 227361

Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	152.0
176	69.8	0.0	145.2



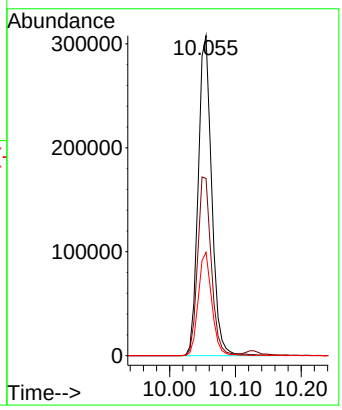


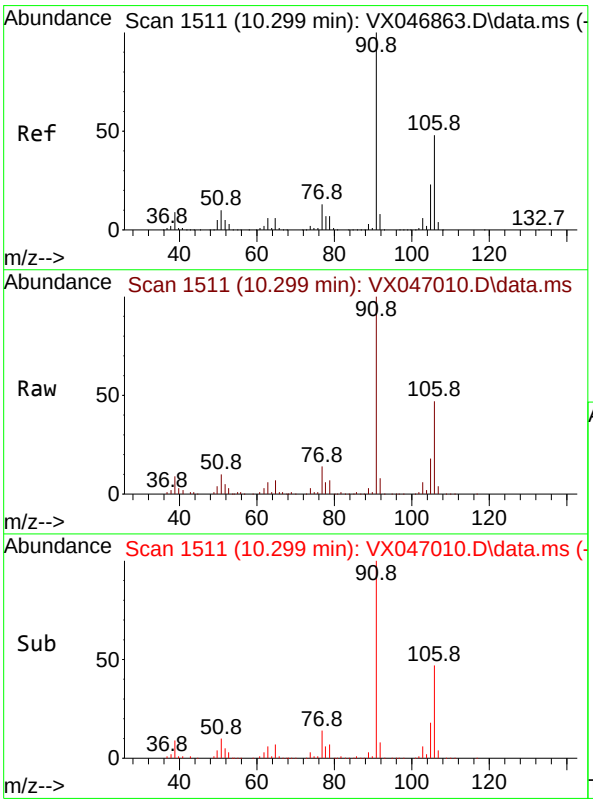
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:117 Resp: 438449

Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.3	64.9
119	32.3	26.4	39.6

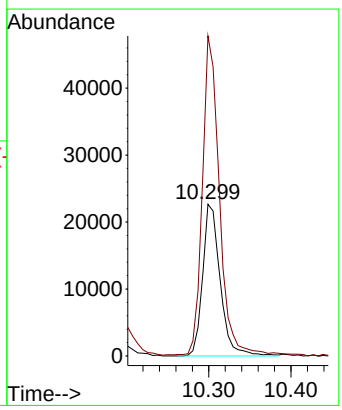


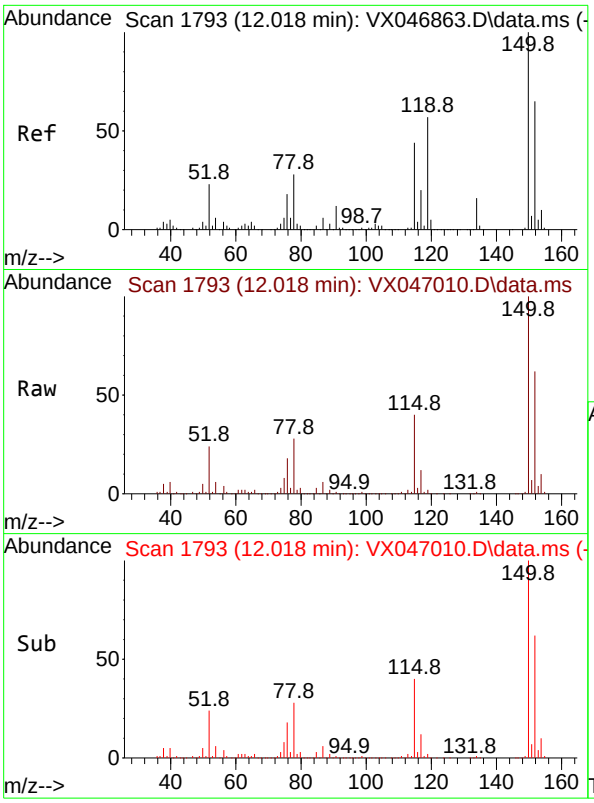


#68
m/p-Xylenes
Concen: 5.498 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:106 Resp: 33632

Ion	Ratio	Lower	Upper
106	100		
91	207.6	164.6	246.8



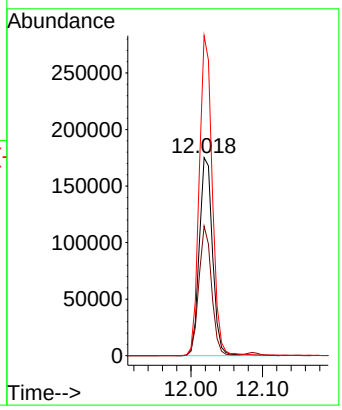


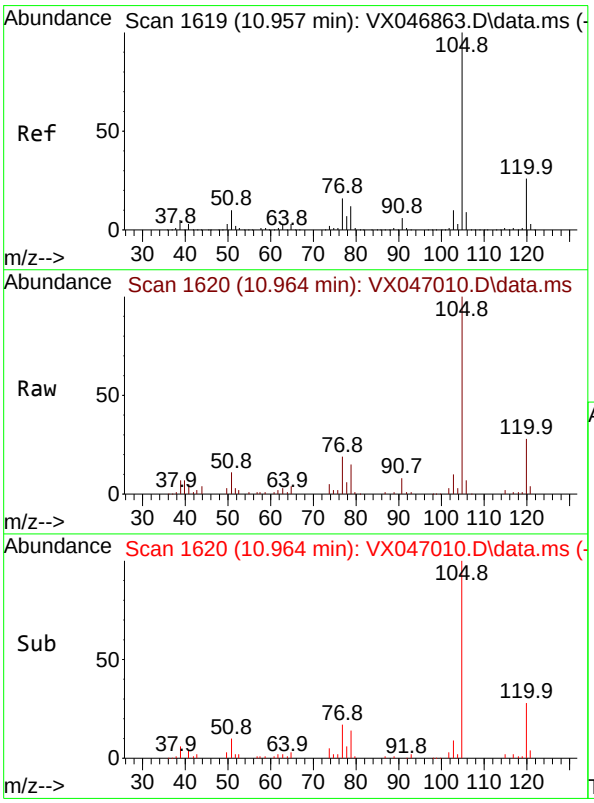
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:152 Resp: 225226

Ion	Ratio	Lower	Upper
152	100		
115	62.7	42.4	127.1
150	158.5	0.0	349.2

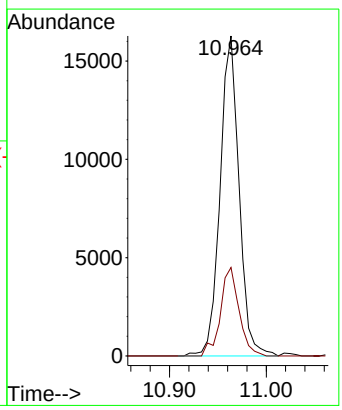


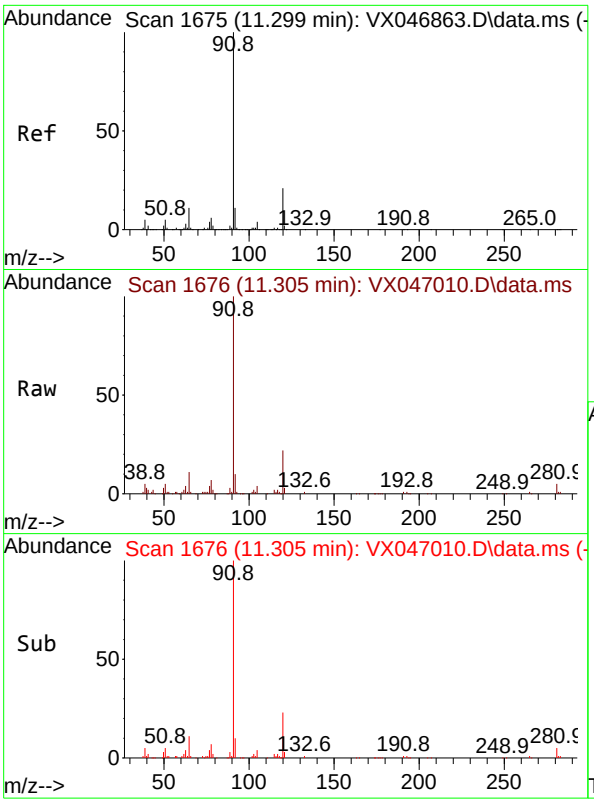


#73
Isopropylbenzene
Concen: 1.400 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:105 Resp: 22159

Ion	Ratio	Lower	Upper
105	100		
120	27.2	13.2	39.5



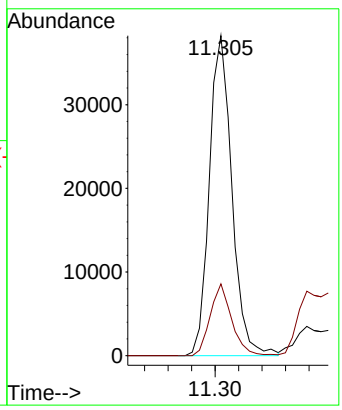


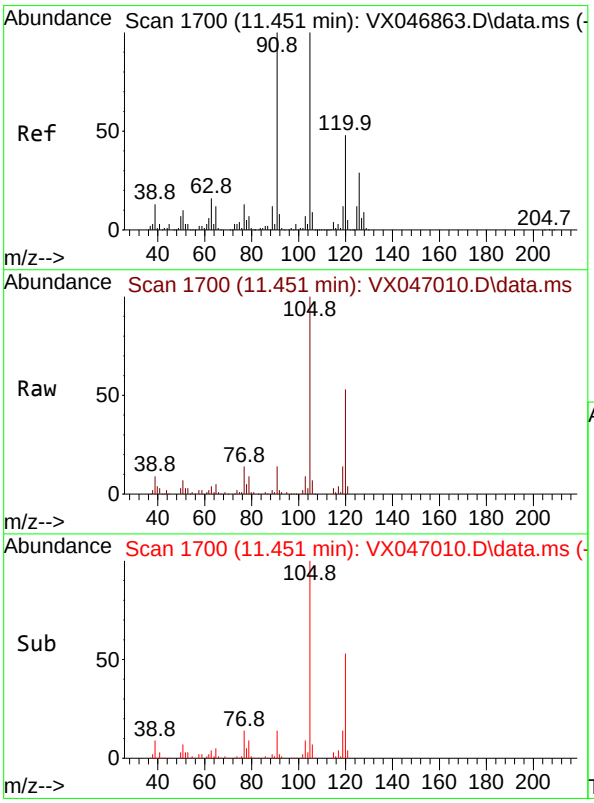
#78
n-propylbenzene
Concen: 2.668 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion: 91 Resp: 50928

Ion	Ratio	Lower	Upper
91	100		
120	21.5	11.2	33.5

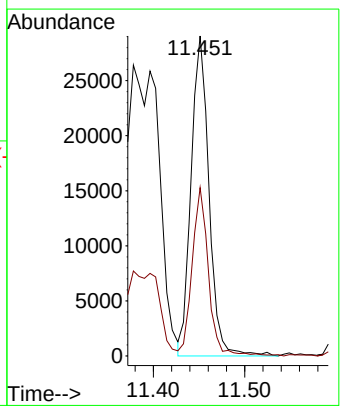


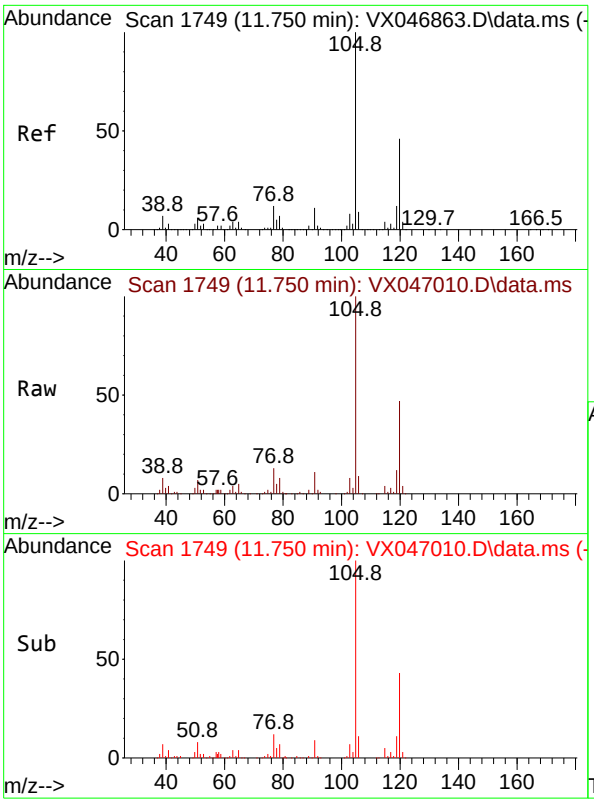


#80
1,3,5-Trimethylbenzene
Concen: 3.078 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:105 Resp: 39602

Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.1	72.4



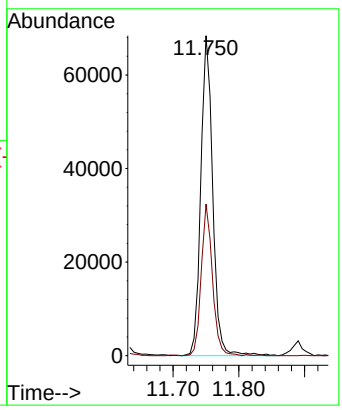


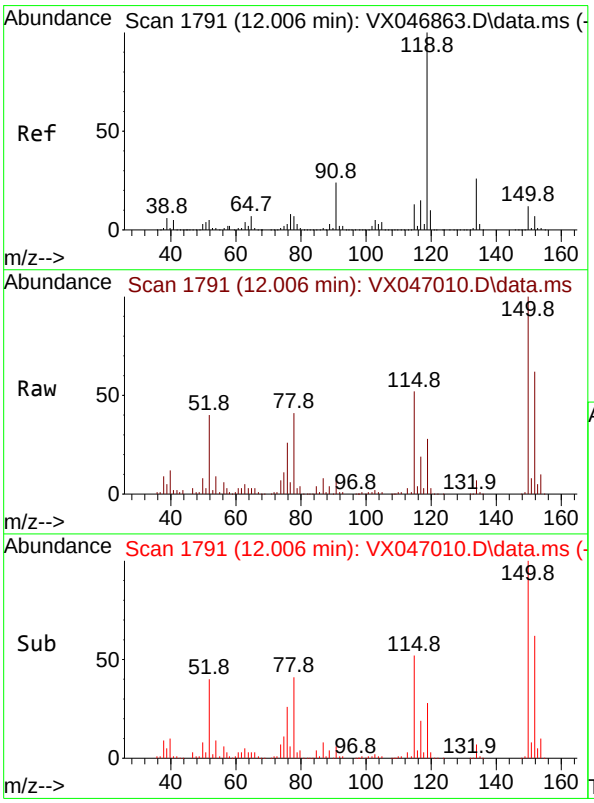
#84
1,2,4-Trimethylbenzene
Concen: 6.630 ug/l
RT: 11.750 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Instrument :
MSVOA_X
ClientSampleId :
GCAP3ME

Tgt Ion:105 Resp: 86207

Ion	Ratio	Lower	Upper
105	100		
120	44.6	23.3	69.8

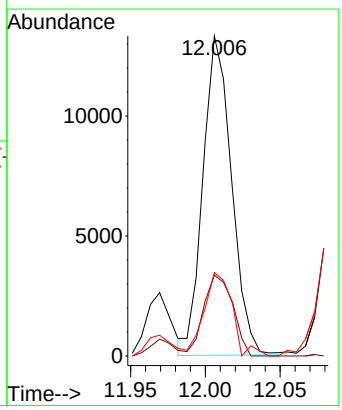




#86
p-Isopropyltoluene
Concen: 1.264 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX047010.D
Acq: 15 Jul 2025 18:10

Tgt Ion:119 Resp: 17728

Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	39.0
91	25.4	12.0	36.1



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Time: Jul 15 02:39:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	179274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	359991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	334968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	154203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	123390	47.960	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery =	95.920%		
35) Dibromofluoromethane	7.898	113	110604	47.084	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery =	94.160%		
50) Toluene-d8	10.324	98	392793	44.932	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery =	89.860%		
62) 4-Bromofluorobenzene	12.617	95	148493	46.158	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery =	92.320%		

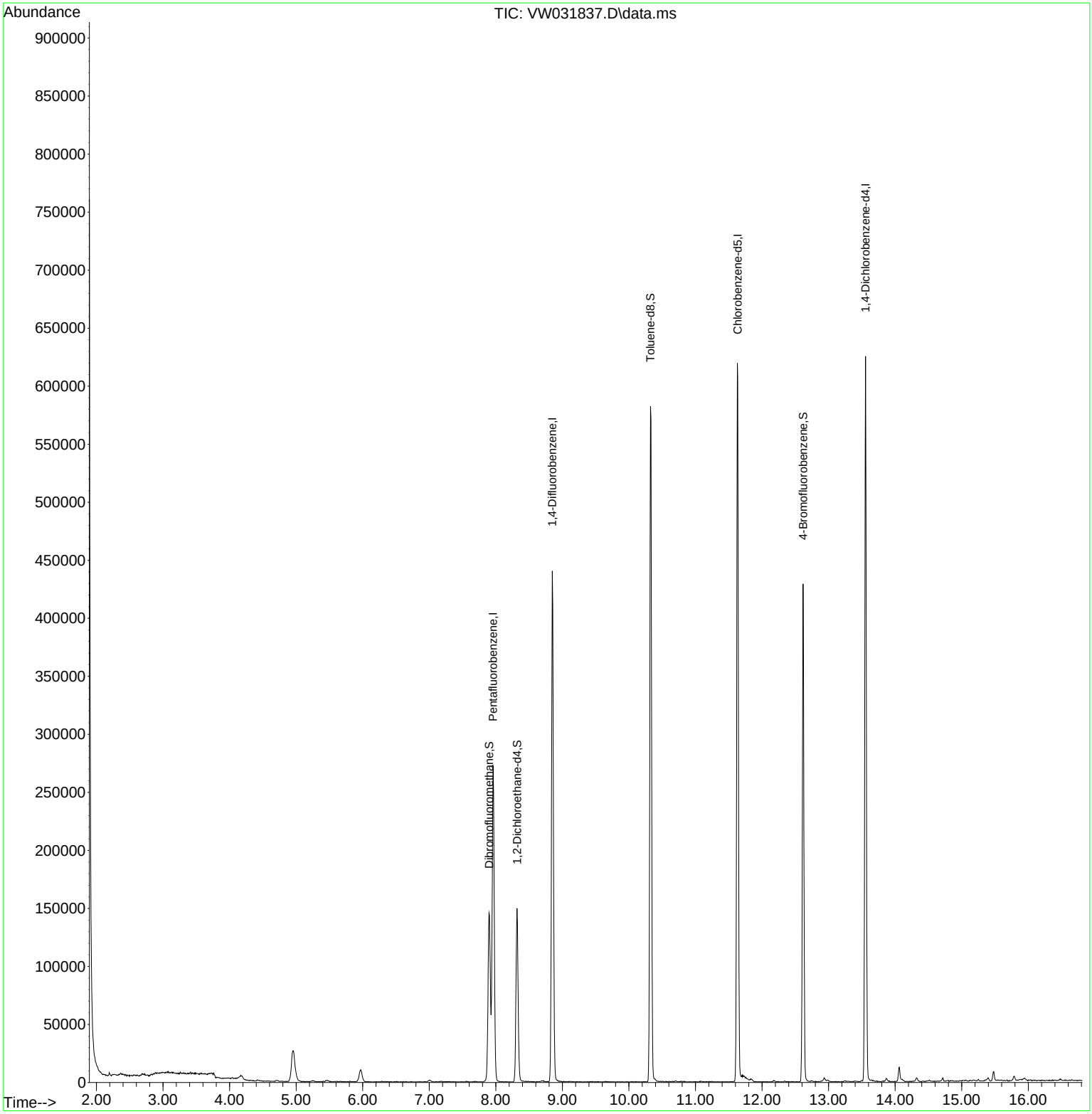
Target Compounds Qvalue

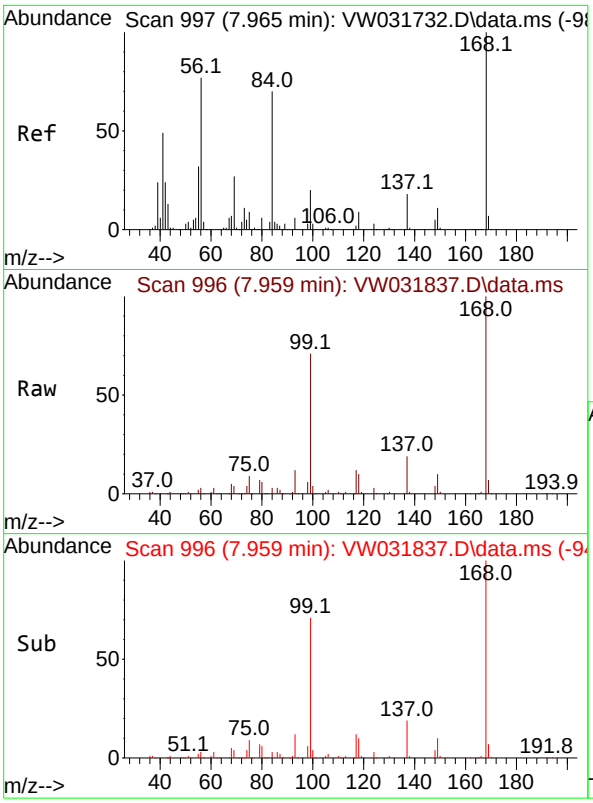
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Time: Jul 15 02:39:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration



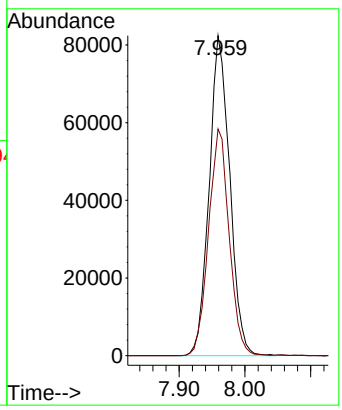


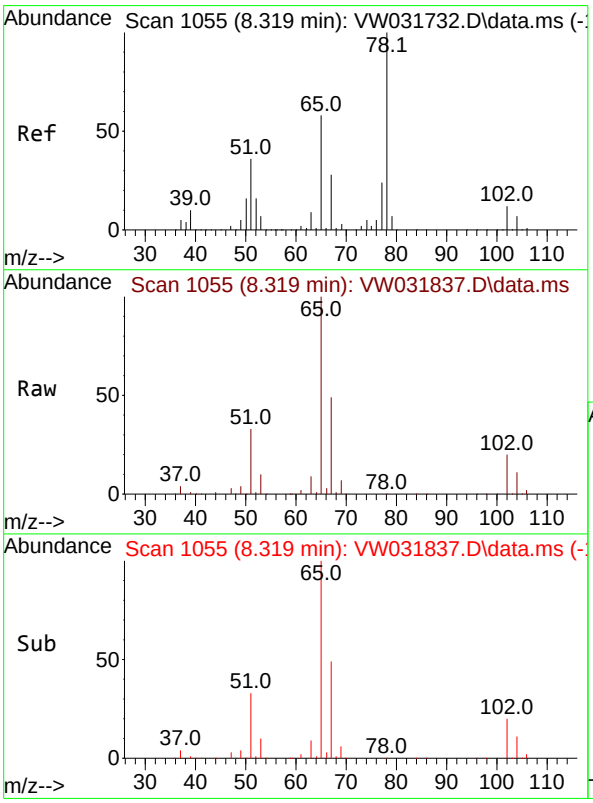
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 9
Delta R.T. -0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Tgt Ion:168 Resp: 179274

Ion	Ratio	Lower	Upper
168	100		
99	70.9	49.4	74.2

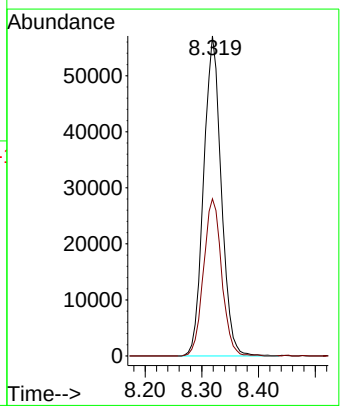


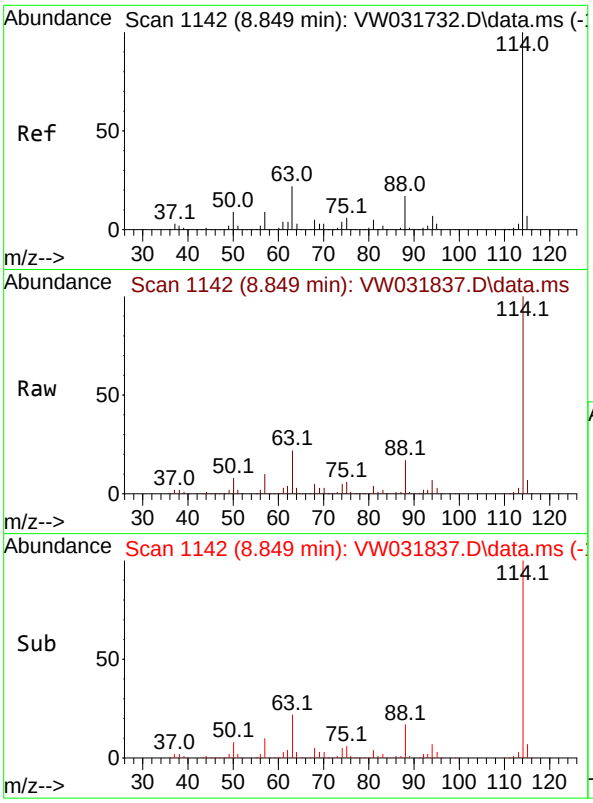


#33
1,2-Dichloroethane-d4
Concen: 47.960 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion: 65 Resp: 123390

Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.4



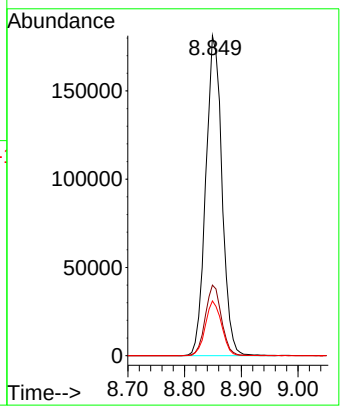


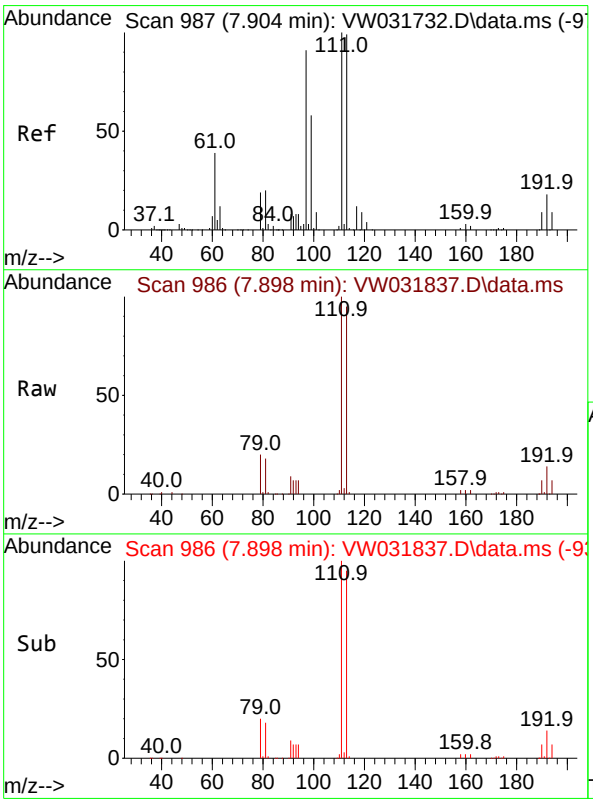
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Tgt Ion:114 Resp: 359991

Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.6
88	17.1	0.0	34.2

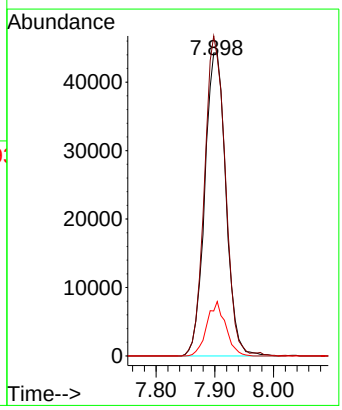


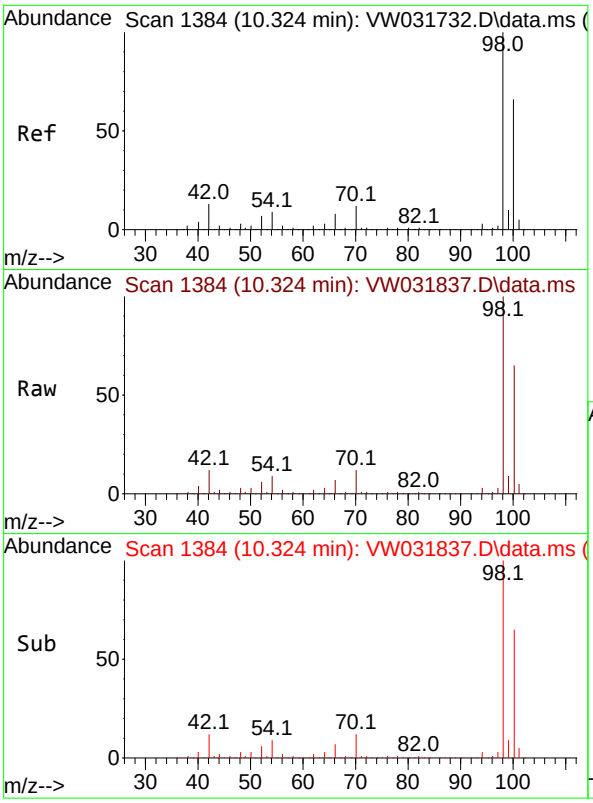


#35
Dibromofluoromethane
Concen: 47.084 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion:113 Resp: 110604

Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.1	123.1
192	16.0	13.8	20.6



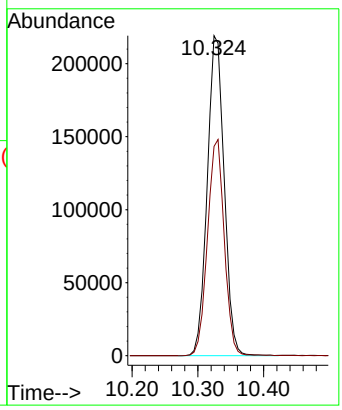


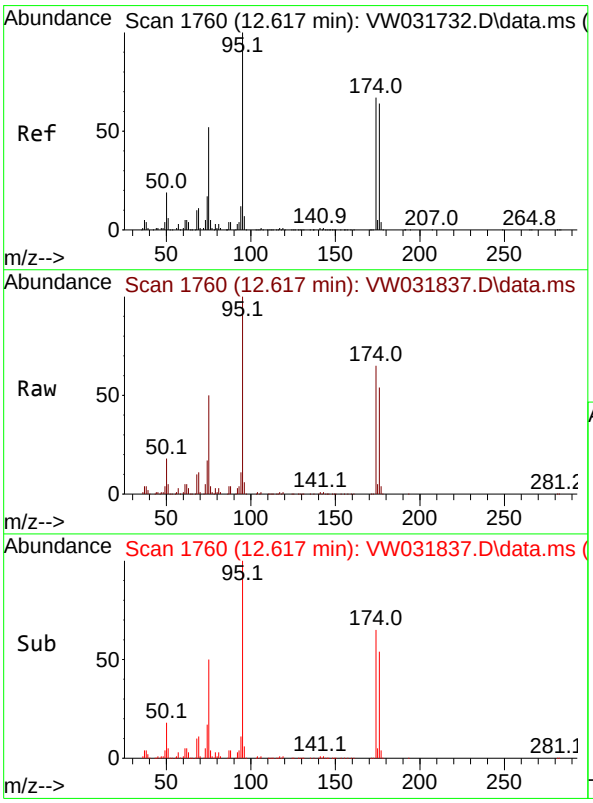
#50
Toluene-d8
Concen: 44.932 ug/l
RT: 10.324 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Tgt Ion: 98 Resp: 392793

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.4

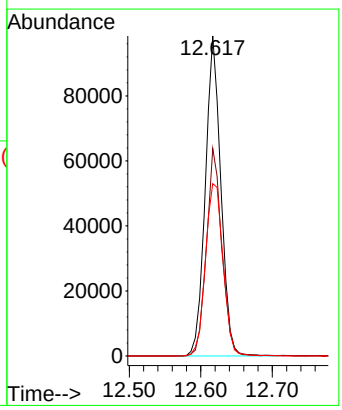


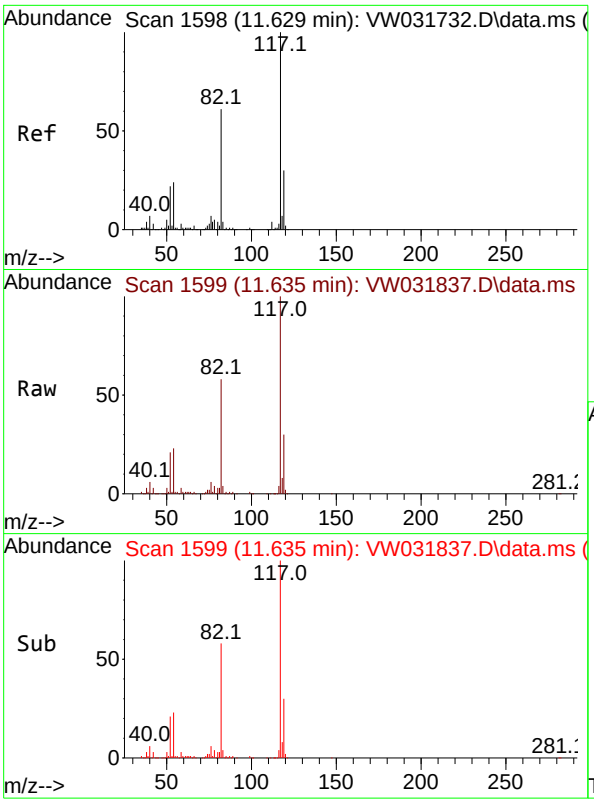


#62
4-Bromofluorobenzene
Concen: 46.158 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion: 95 Resp: 148493

Ion	Ratio	Lower	Upper
95	100		
174	64.4	0.0	133.8
176	61.2	0.0	126.0



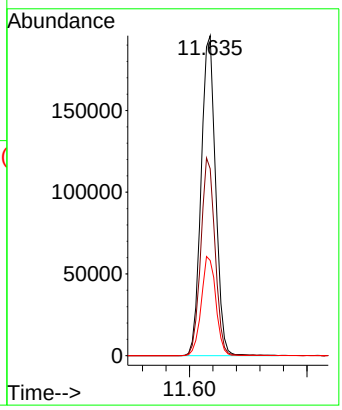


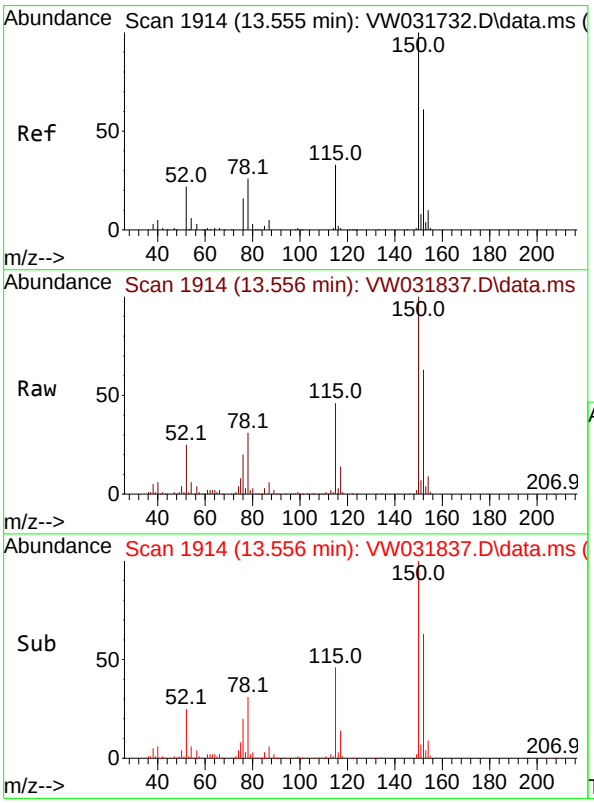
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Tgt Ion:117 Resp: 334968

Ion	Ratio	Lower	Upper
117	100		
82	58.4	48.6	72.8
119	29.8	23.9	35.9

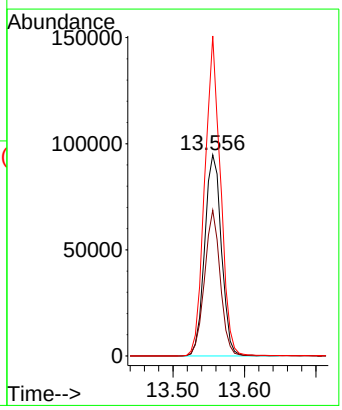




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031837.D
Acq: 14 Jul 2025 09:46

Tgt Ion:152 Resp: 154203

Ion	Ratio	Lower	Upper
152	100		
115	67.9	31.9	95.7
150	149.9	0.0	356.4



Sample Results: **VW031837.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

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_W\Method\82W063025S.M
Title : SW846 8260

Signal : TIC: VW031837.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	% max.	% of total
1	4.953	492	503	518	rBV3	26515	101788	9.44%	1.657%
2	5.972	658	670	682	rVB2	10437	33599	3.12%	0.547%
3	7.898	971	986	991	rBV	145626	364956	33.86%	5.943%
4	7.959	991	996	1010	rVB	272079	592897	55.01%	9.654%
5	8.319	1043	1055	1068	rBV	149638	330517	30.67%	5.382%
6	8.849	1131	1142	1159	rBV	440218	874977	81.18%	14.247%
7	10.324	1376	1384	1400	rBV	582065	1060550	98.40%	17.269%
8	11.629	1591	1598	1608	rBV	618954	1077808	100.00%	17.550%
9	12.617	1752	1760	1778	rBV	429059	677426	62.85%	11.031%
10	13.556	1907	1914	1926	rBV	624522	989018	91.76%	16.104%
11	14.062	1987	1997	2003	rBV	12278	23208	2.15%	0.378%
12	15.482	2223	2230	2235	rBV	7905	14590	1.35%	0.238%

Sum of corrected areas: 6141334

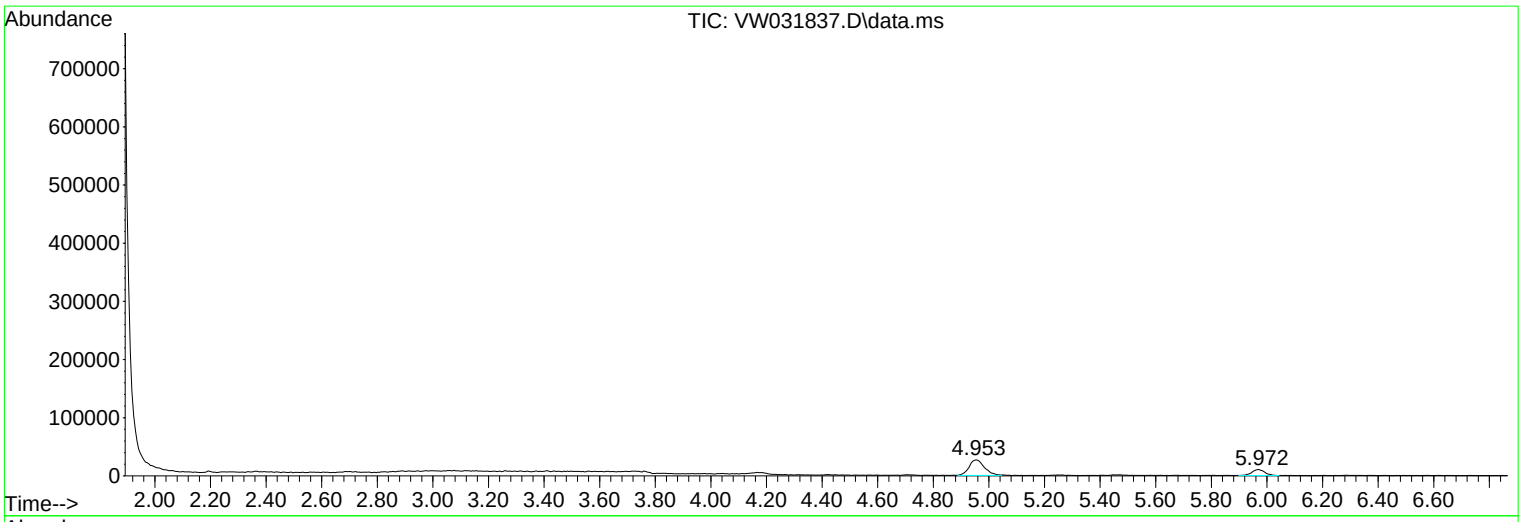
Sample Results: **VW031837.D**

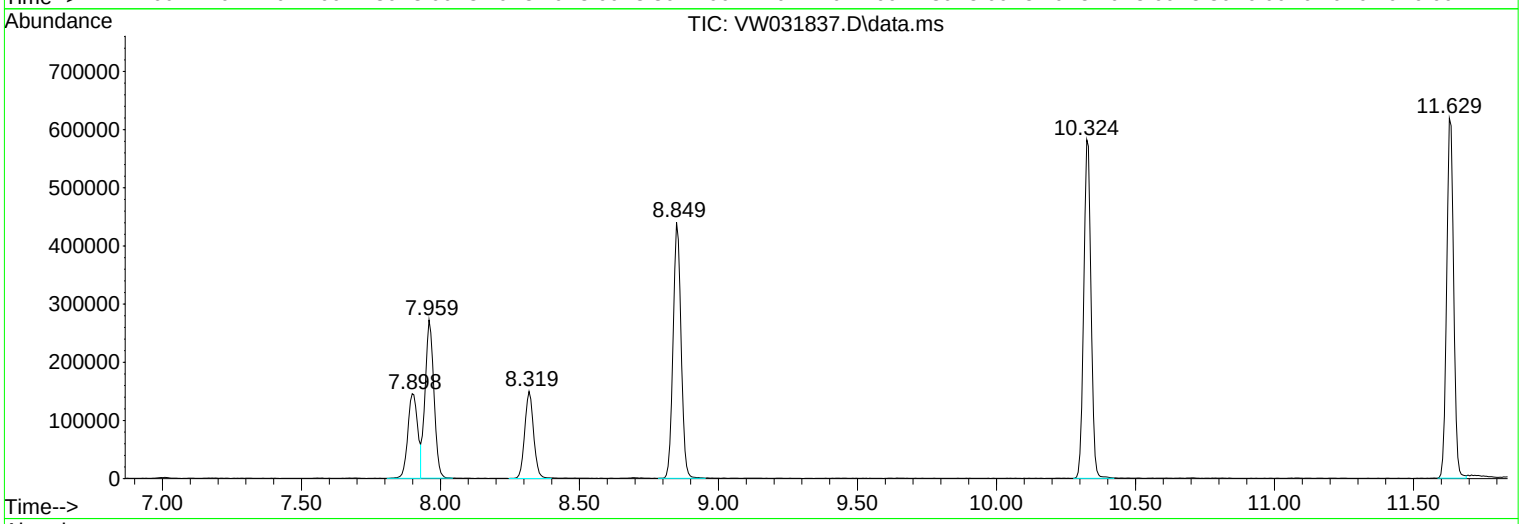
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

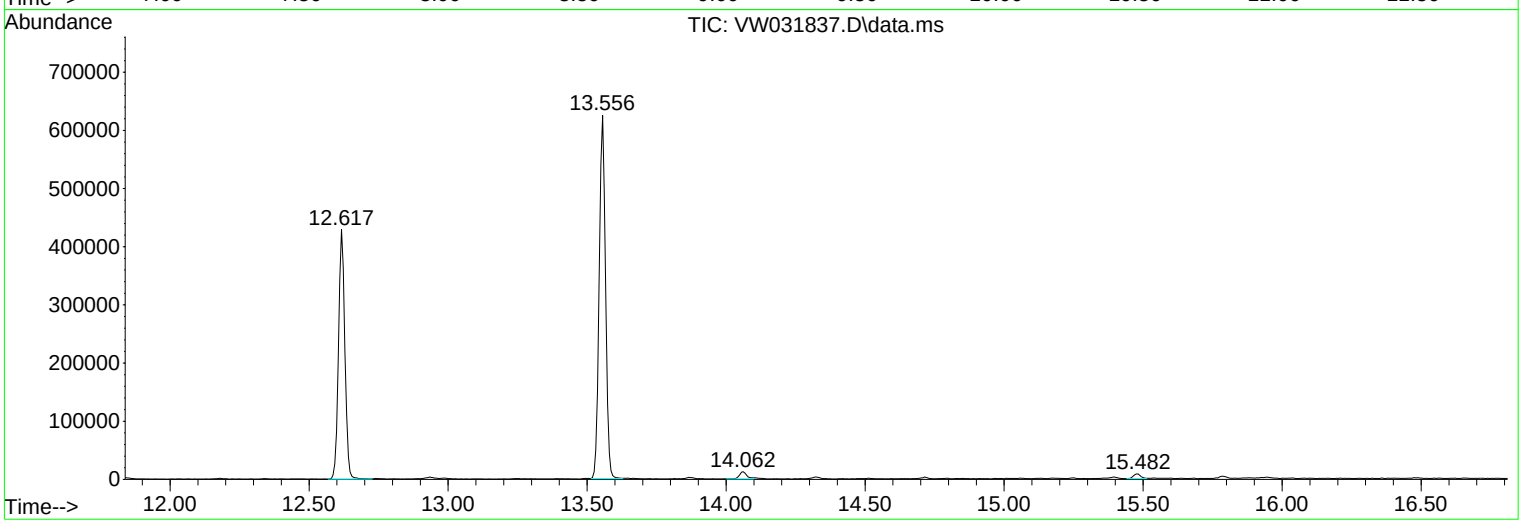
Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VW031837.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

A
B
C
D
E
F
G
H
I
J

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031837.D
Acq On : 14 Jul 2025 09:46
Operator : SY/MD
Sample : VW0714SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Time: Jul 04 01:26:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	435949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	752530	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	691838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	351915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	289406	50.250	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.500%			
35) Dibromofluoromethane	5.391	113	248443	48.636	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.280%			
50) Toluene-d8	8.647	98	893863	49.596	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.200%			
62) 4-Bromofluorobenzene	11.079	95	346730	50.620	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.240%			
Target Compounds						Qvalue

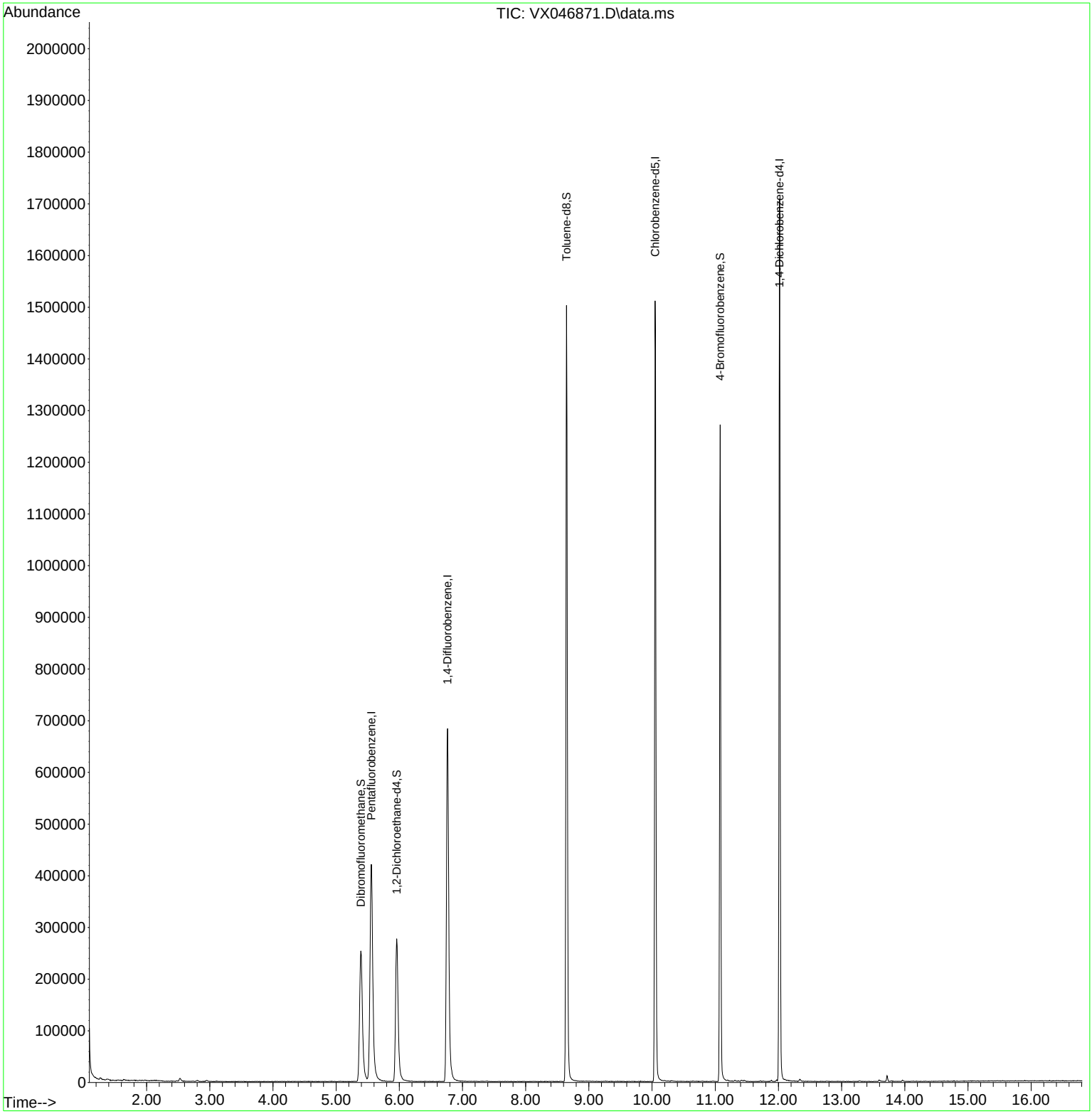
(#) = qualifier out of range (m) = manual integration (+) = signals summed

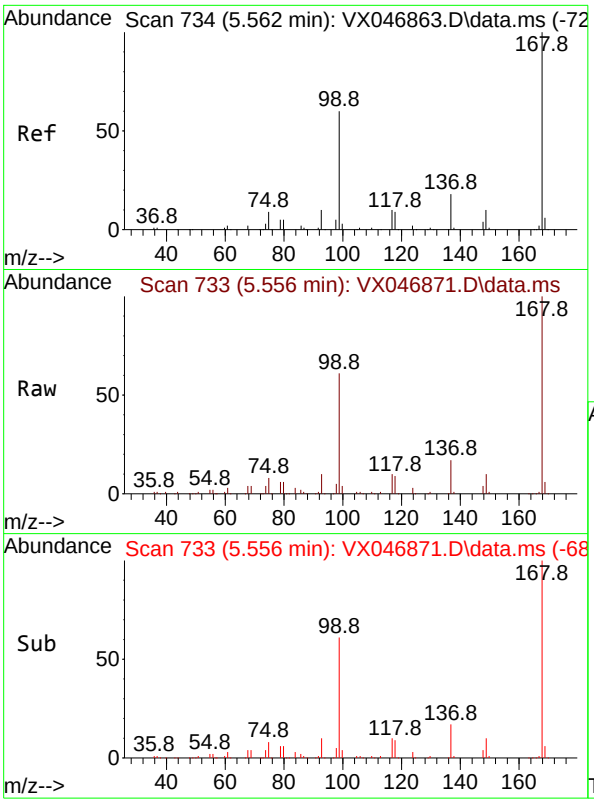
Sample Results: **VX046871.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Time: Jul 04 01:26:15 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



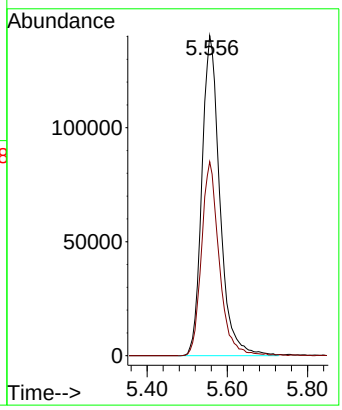


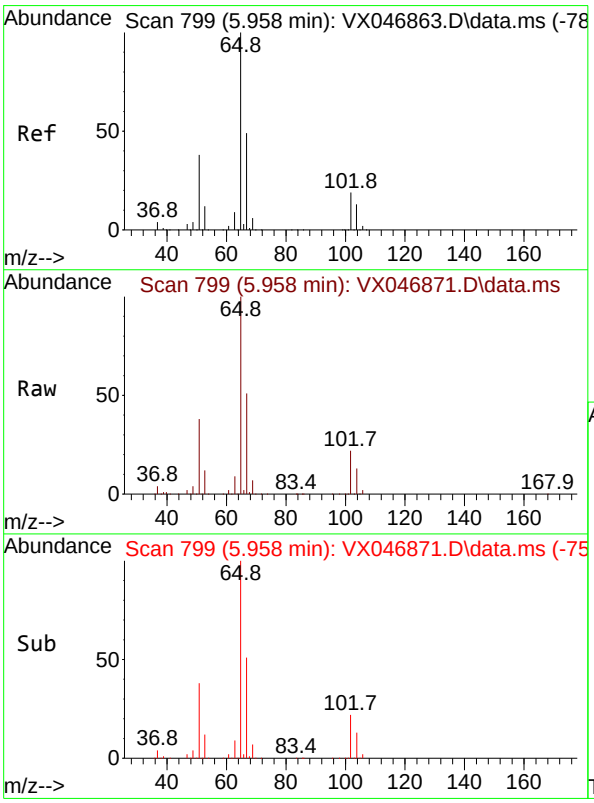
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:168 Resp: 435949

Ion	Ratio	Lower	Upper
168	100		
99	60.6	48.8	73.2

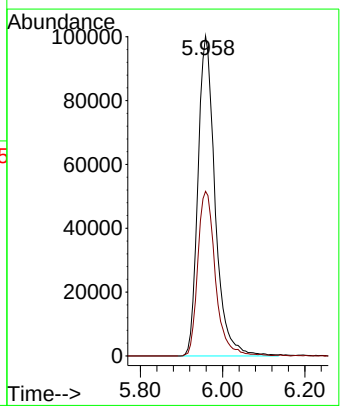


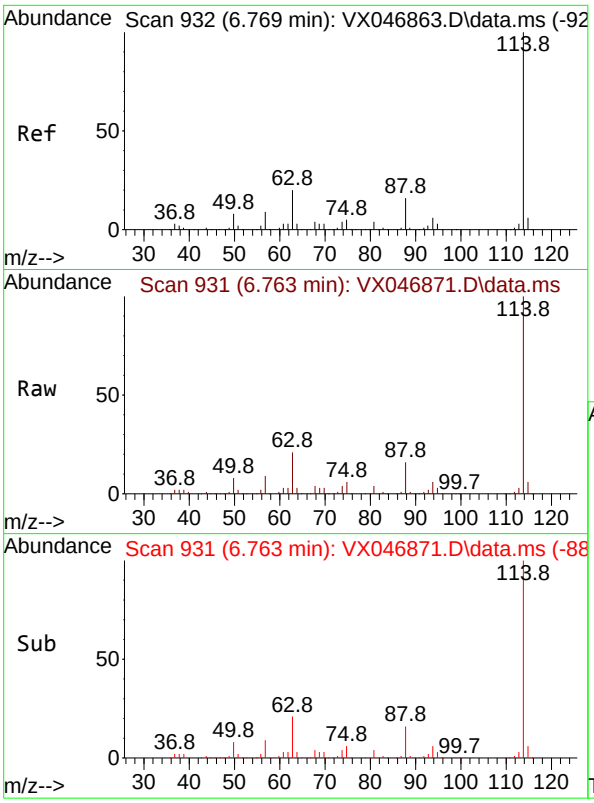


#33
1,2-Dichloroethane-d4
Concen: 50.250 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 65 Resp: 289406

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.2



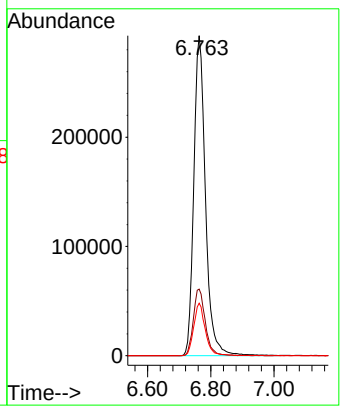


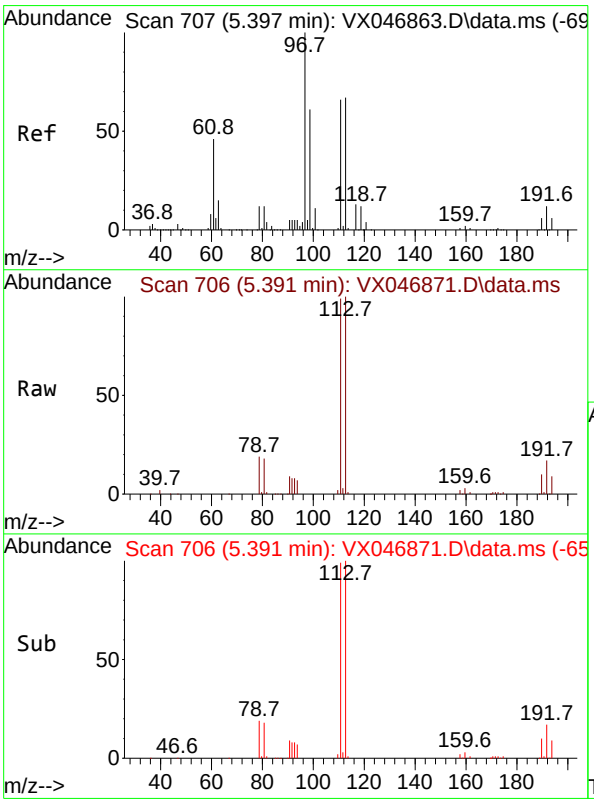
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:114 Resp: 752530

Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	40.4
88	16.4	0.0	31.0

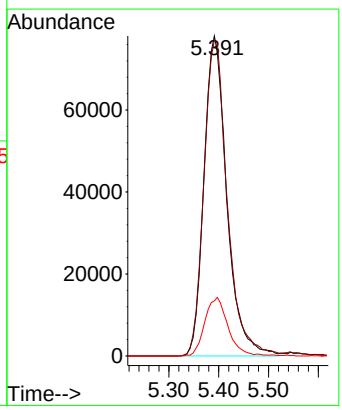


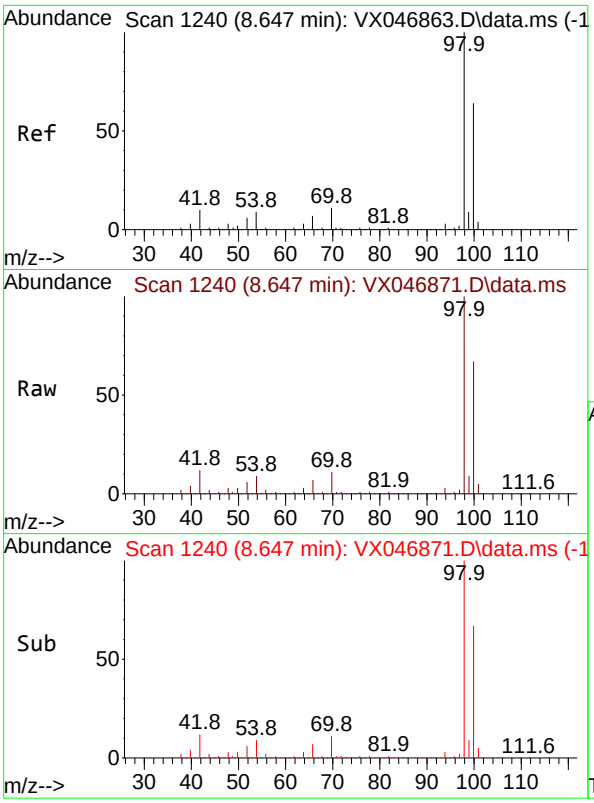


#35
Dibromofluoromethane
Concen: 48.636 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion:113 Resp: 248443

Ion	Ratio	Lower	Upper
113	100		
111	101.1	81.2	121.8
192	18.6	15.3	22.9



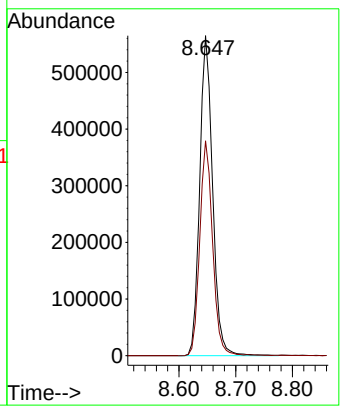


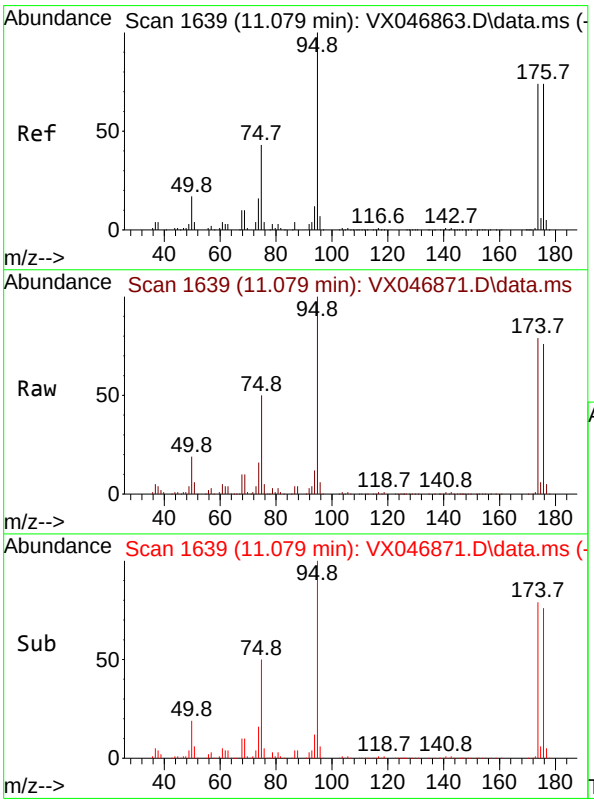
#50
Toluene-d8
Concen: 49.596 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion: 98 Resp: 893863

Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.0	79.6

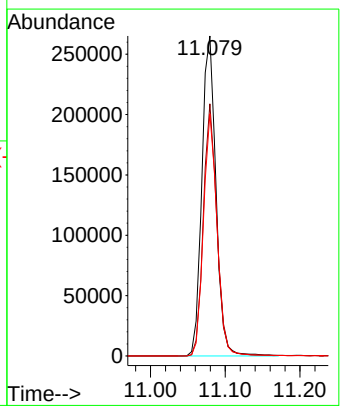


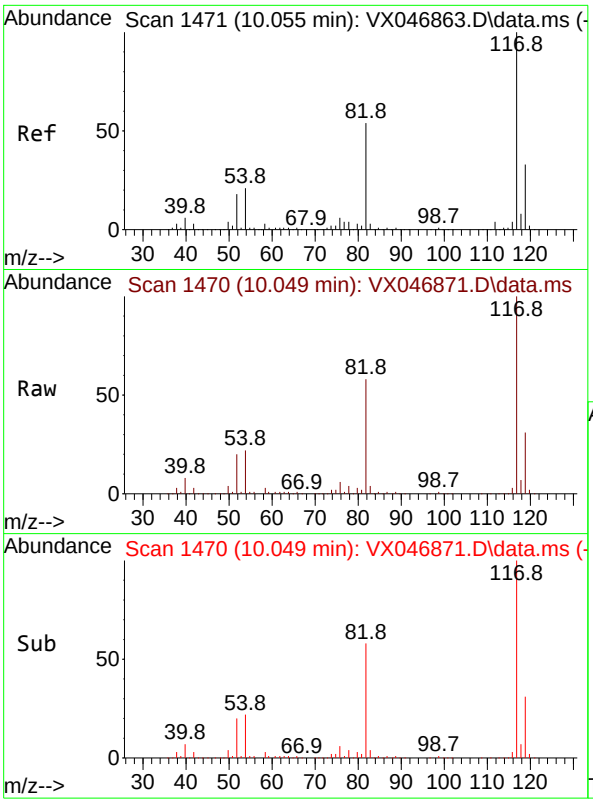


#62
4-Bromofluorobenzene
Concen: 50.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion: 95 Resp: 346730

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	152.0
176	73.3	0.0	145.2



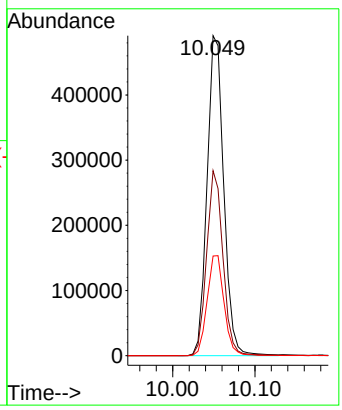


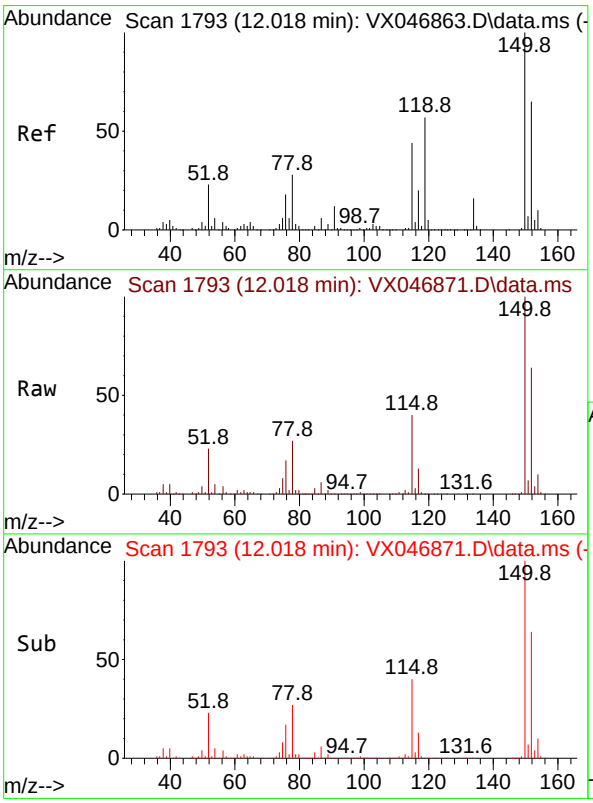
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 14
Delta R.T. -0.006 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Tgt Ion:117 Resp: 691838

Ion	Ratio	Lower	Upper
117	100		
82	57.8	43.3	64.9
119	31.1	26.4	39.6

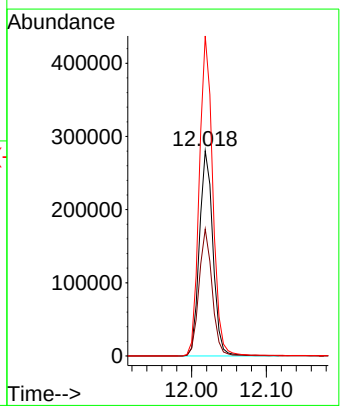




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046871.D
Acq: 03 Jul 2025 09:09

Tgt Ion:152 Resp: 351915

Ion	Ratio	Lower	Upper
152	100		
115	60.5	42.4	127.1
150	155.3	0.0	349.2



Sample Results: **VX046871.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

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\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.391	693	706	722	rBV3	252459	806462	33.72%	6.238%
2	5.556	722	733	755	rVB	417520	1288634	53.88%	9.968%
3	5.958	789	799	821	rBV	275779	796159	33.29%	6.159%
4	6.763	921	931	955	rBV	682915	1758304	73.51%	13.601%
5	8.647	1234	1240	1263	rBV	1501135	2391896	100.00%	18.503%
6	10.049	1465	1470	1488	rBV	1509598	2122659	88.74%	16.420%
7	11.079	1633	1639	1655	rBV	1270871	1647557	68.88%	12.745%
8	12.018	1788	1793	1805	rBV	1706389	2115618	88.45%	16.366%

Sum of corrected areas: 12927289

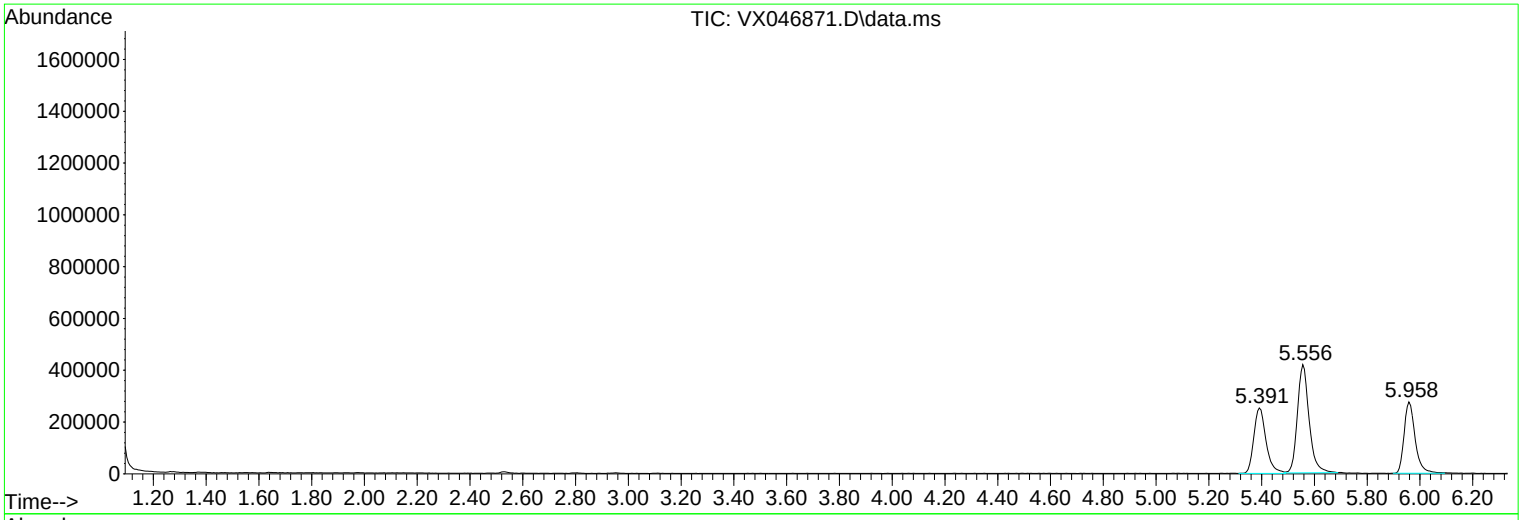
Sample Results: **VX046871.D**

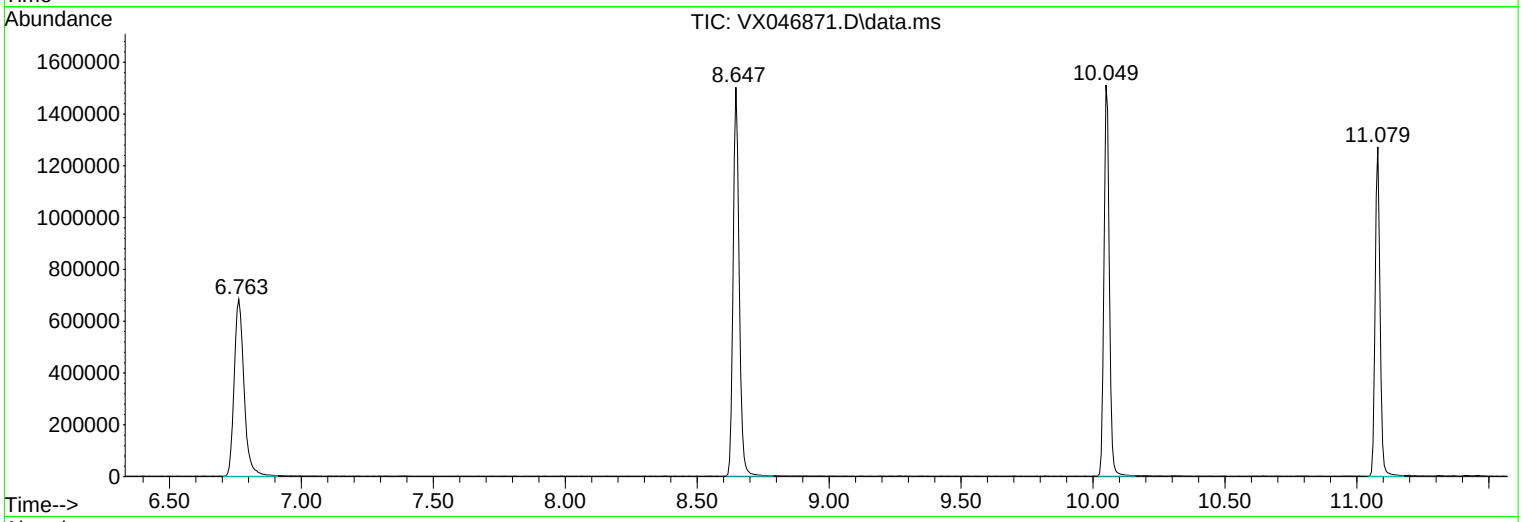
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

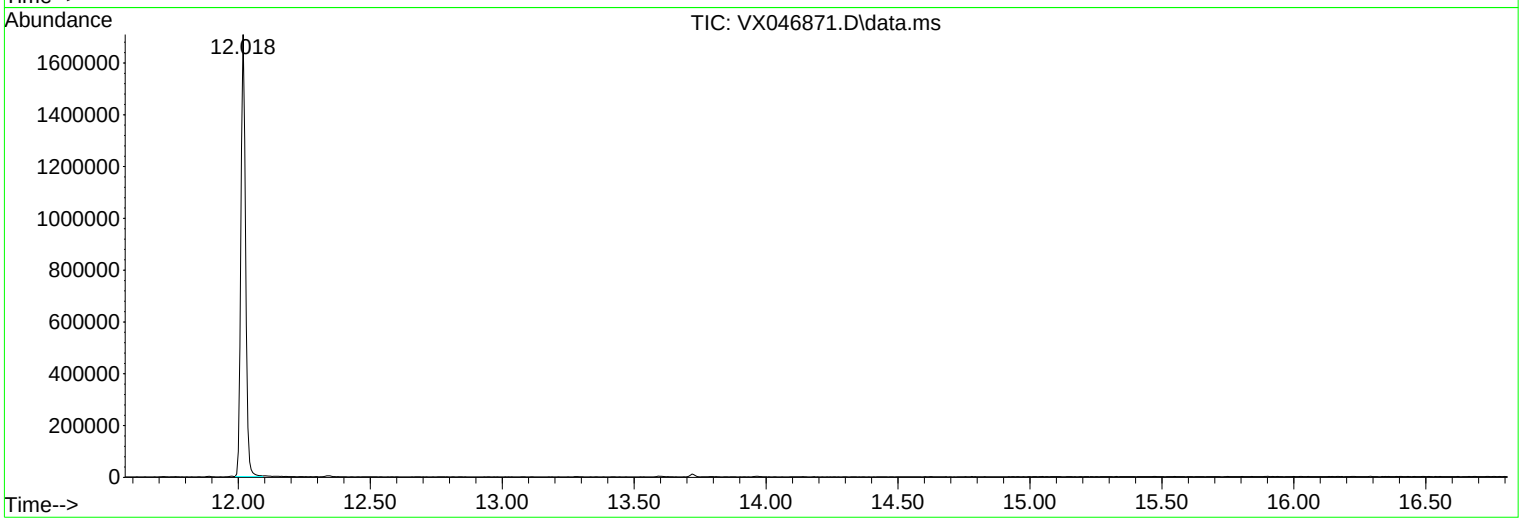
Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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







Library Search Compound Report

Sample Results: **VX046871.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046871.D
Acq On : 03 Jul 2025 09:09
Operator : JC/MD
Sample : VX0703WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Time: Jul 16 02:21:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

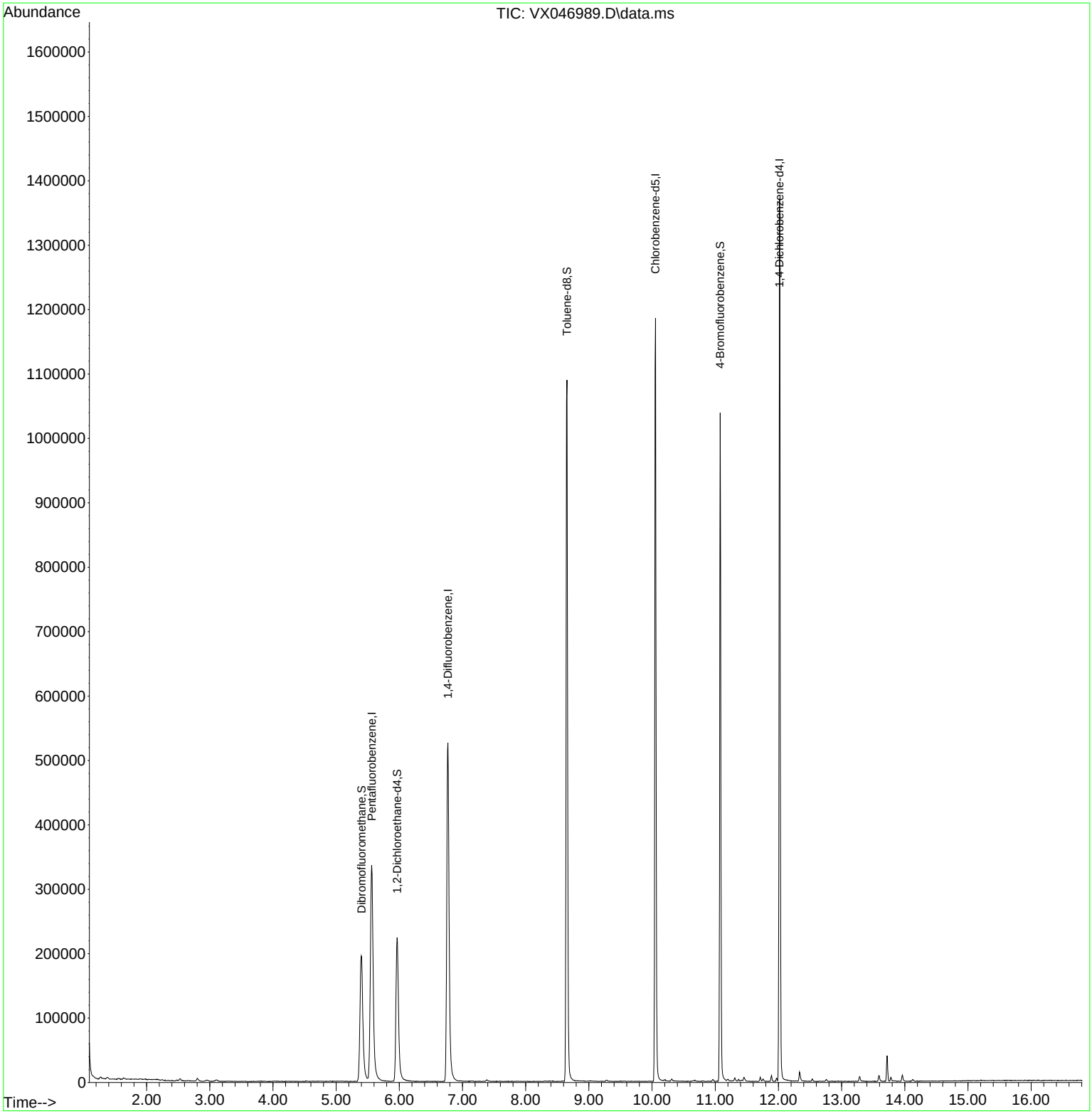
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	342671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	579223	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	530422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	275487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	237011	52.355	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.700%			
35) Dibromofluoromethane	5.403	113	190701	48.502	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.000%			
50) Toluene-d8	8.653	98	672365	48.469	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.940%			
62) 4-Bromofluorobenzene	11.079	95	275251	52.208	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.420%			
Target Compounds						Qvalue

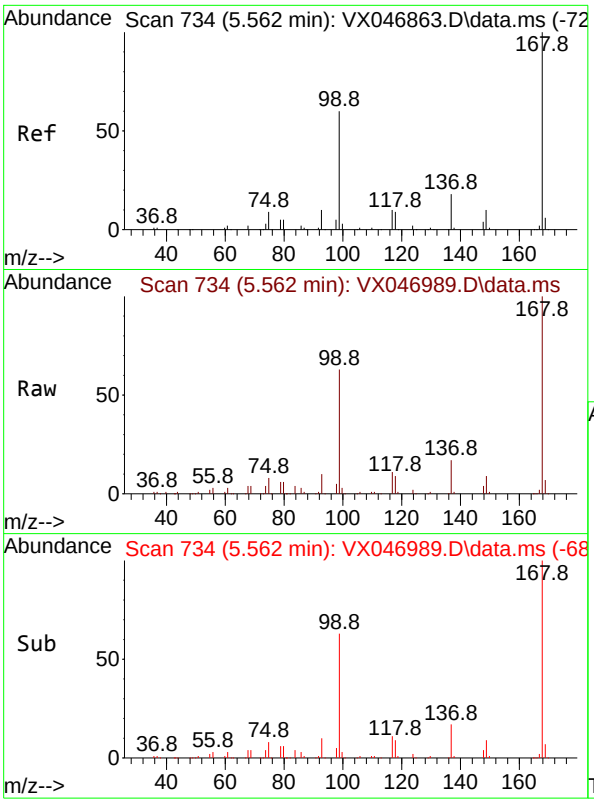
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Time: Jul 16 02:21:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration



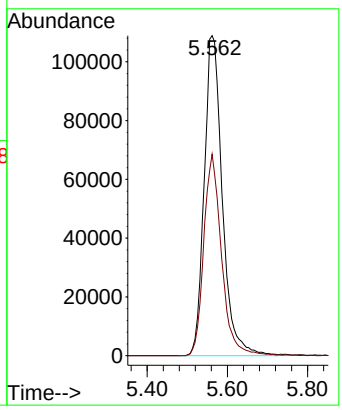


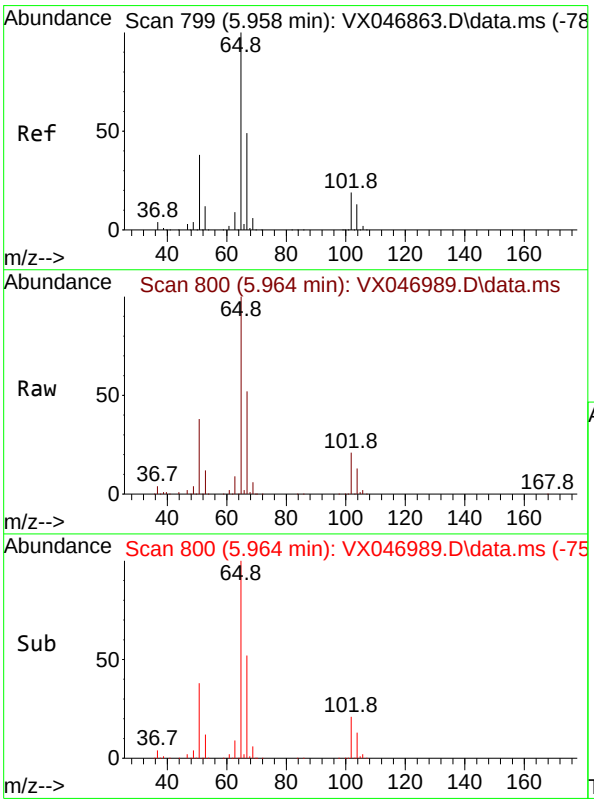
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Tgt Ion:168 Resp: 342671

Ion	Ratio	Lower	Upper
168	100		
99	62.9	48.8	73.2

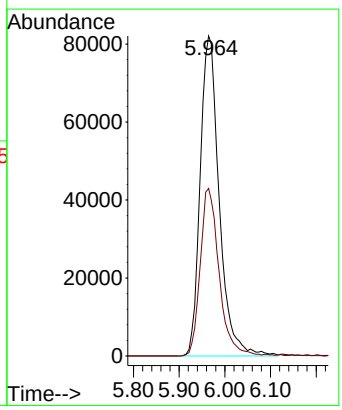


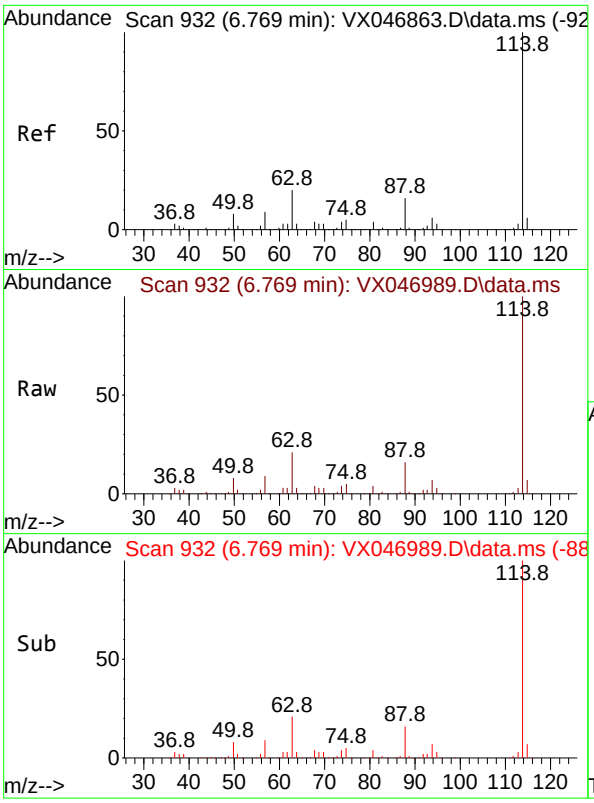


#33
1,2-Dichloroethane-d4
Concen: 52.355 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Tgt Ion: 65 Resp: 237011

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	105.2



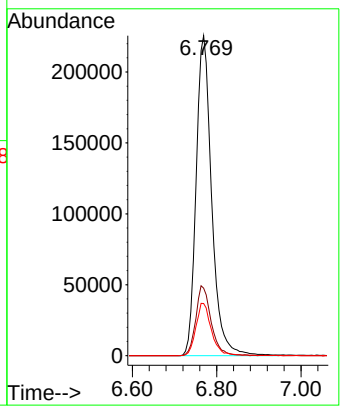


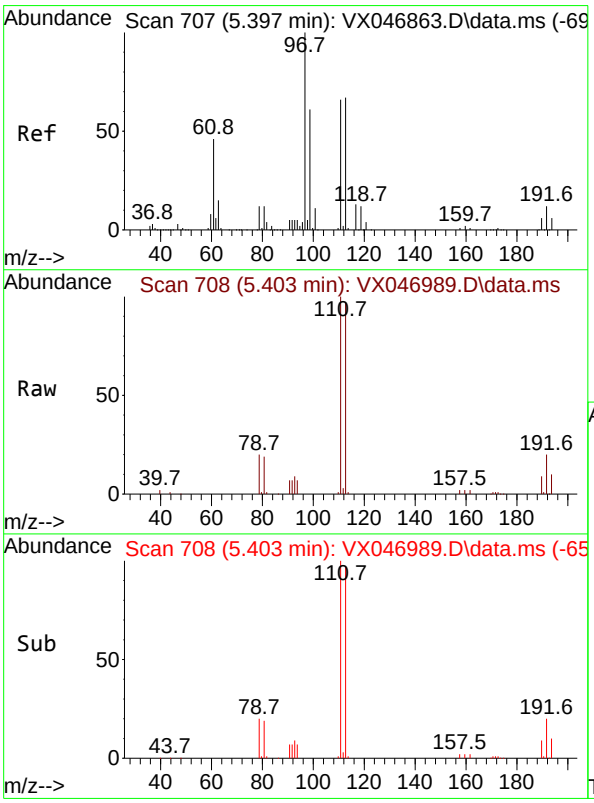
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Tgt Ion:114 Resp: 579223

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	40.4
88	16.3	0.0	31.0

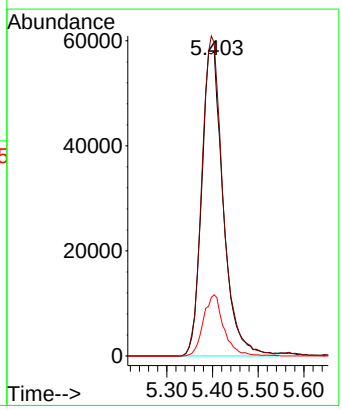


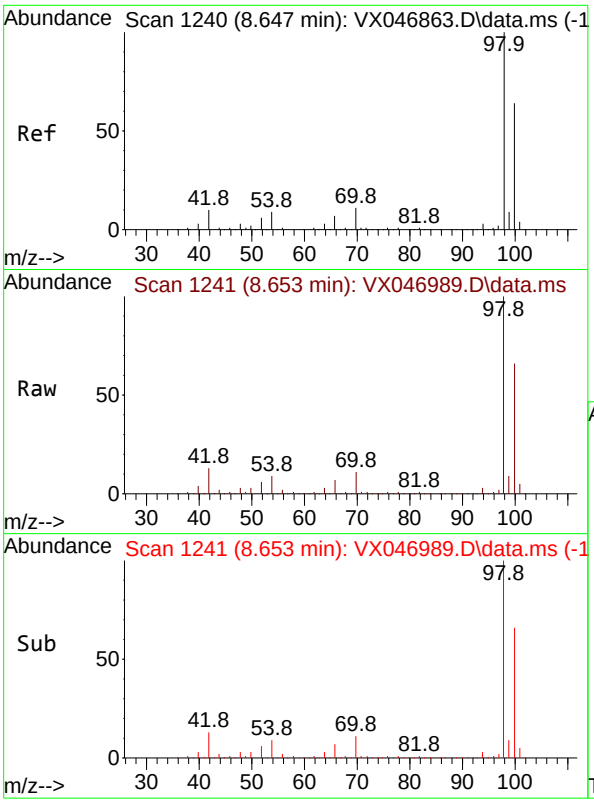


#35
Dibromofluoromethane
Concen: 48.502 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Tgt Ion:113 Resp: 190701

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.2	121.8
192	18.9	15.3	22.9



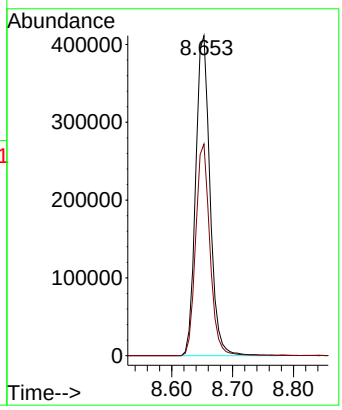


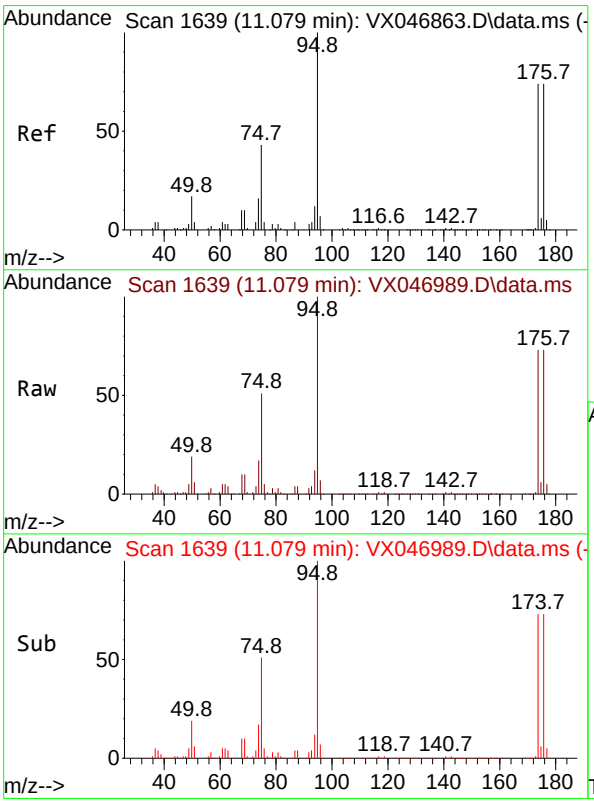
#50
Toluene-d8
Concen: 48.469 ug/l
RT: 8.653 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Tgt Ion: 98 Resp: 672365

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6

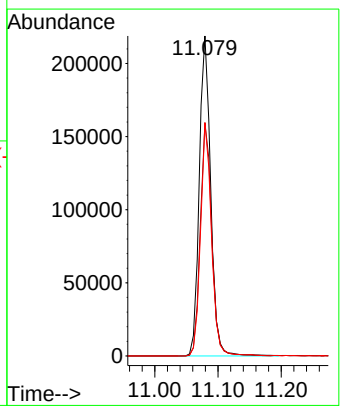


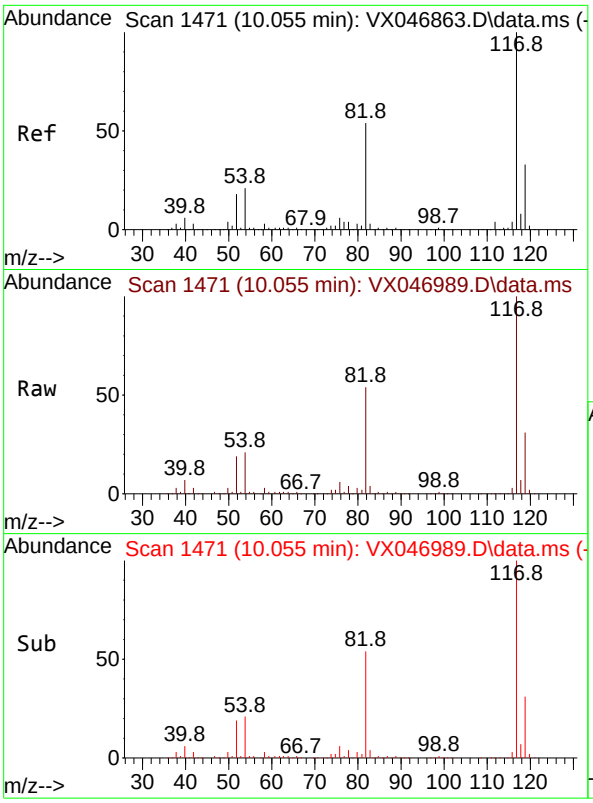


#62
4-Bromofluorobenzene
Concen: 52.208 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Tgt Ion: 95 Resp: 275251

Ion	Ratio	Lower	Upper
95	100		
174	73.5	0.0	152.0
176	70.0	0.0	145.2



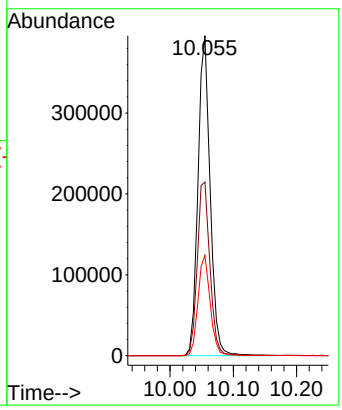


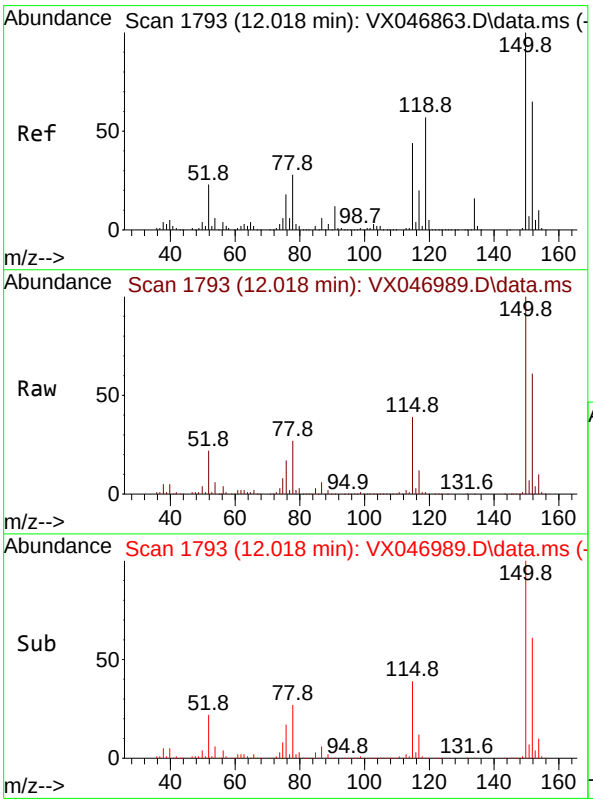
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Tgt Ion:117 Resp: 530422

Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.3	64.9
119	31.4	26.4	39.6

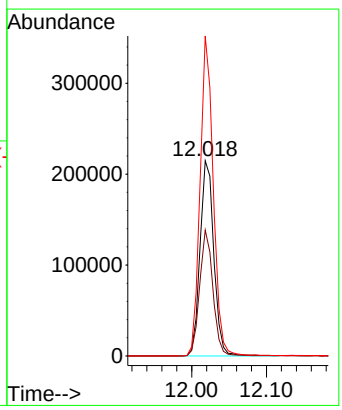




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046989.D
Acq: 15 Jul 2025 10:39

Tgt Ion:152 Resp: 275487

Ion	Ratio	Lower	Upper
152	100		
115	62.1	42.4	127.1
150	156.5	0.0	349.2



Sample Results: **VX046989.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

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\82X070225W.M
Title : SW846 8260

Signal : TIC: VX046989.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.397	696	707	723	rBV2	194944	630896	34.97%	6.188%
2	5.562	724	734	757	rVB	333513	1034092	57.32%	10.143%
3	5.964	790	800	818	rBV	222994	640477	35.50%	6.282%
4	6.769	922	932	958	rBV	525420	1365657	75.70%	13.396%
5	8.653	1234	1241	1261	rBV	1088939	1803965	100.00%	17.695%
6	10.055	1465	1471	1484	rBV	1185356	1641981	91.02%	16.106%
7	11.079	1634	1639	1655	rBV	1037479	1298378	71.97%	12.736%
8	12.018	1788	1793	1805	rBV	1368985	1703901	94.45%	16.714%
9	12.335	1841	1845	1857	rVB2	14253	22657	1.26%	0.222%
10	13.719	2068	2072	2079	rBV2	39916	52673	2.92%	0.517%

Sum of corrected areas: 10194677

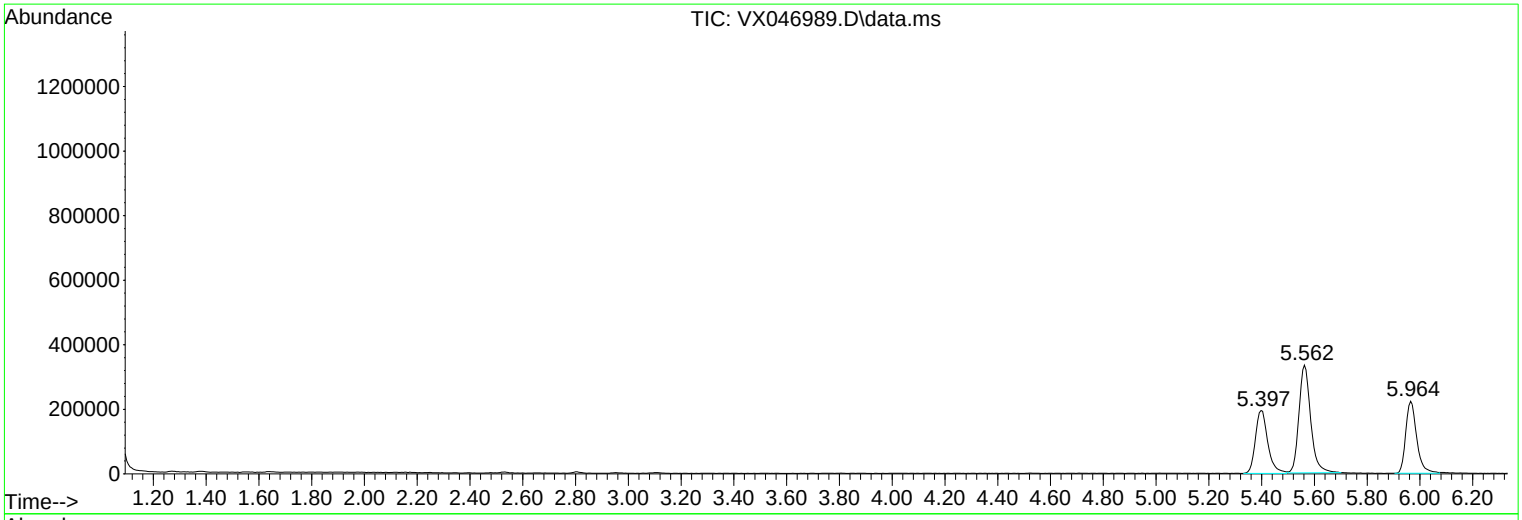
Sample Results: **VX046989.D**

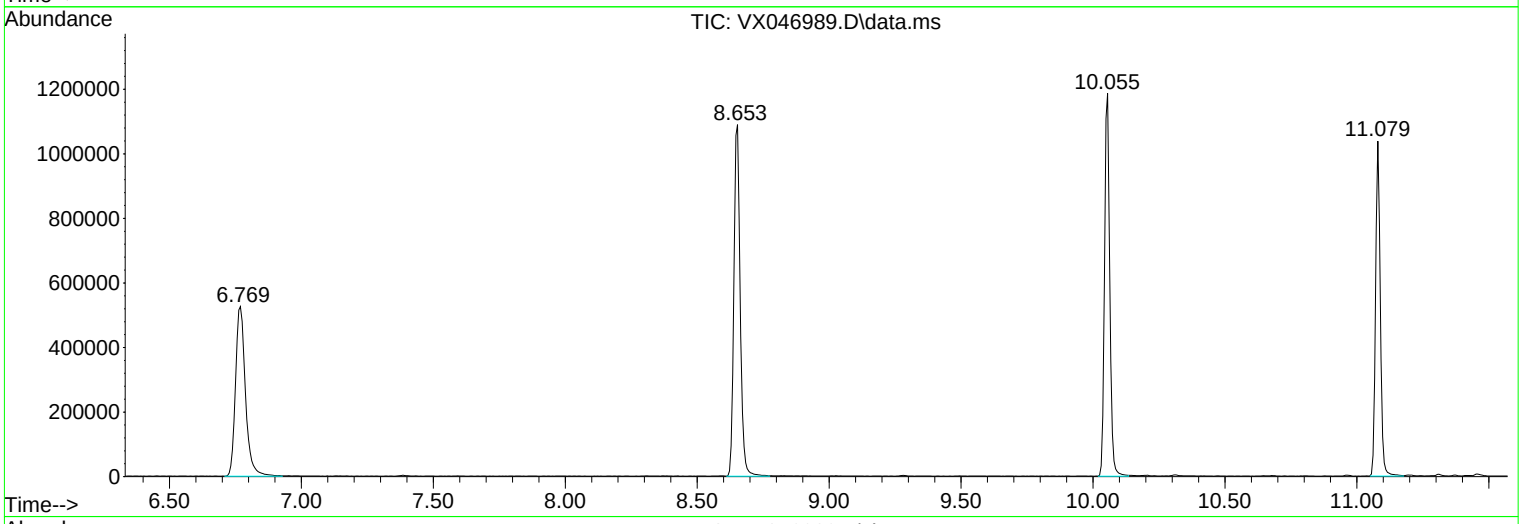
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

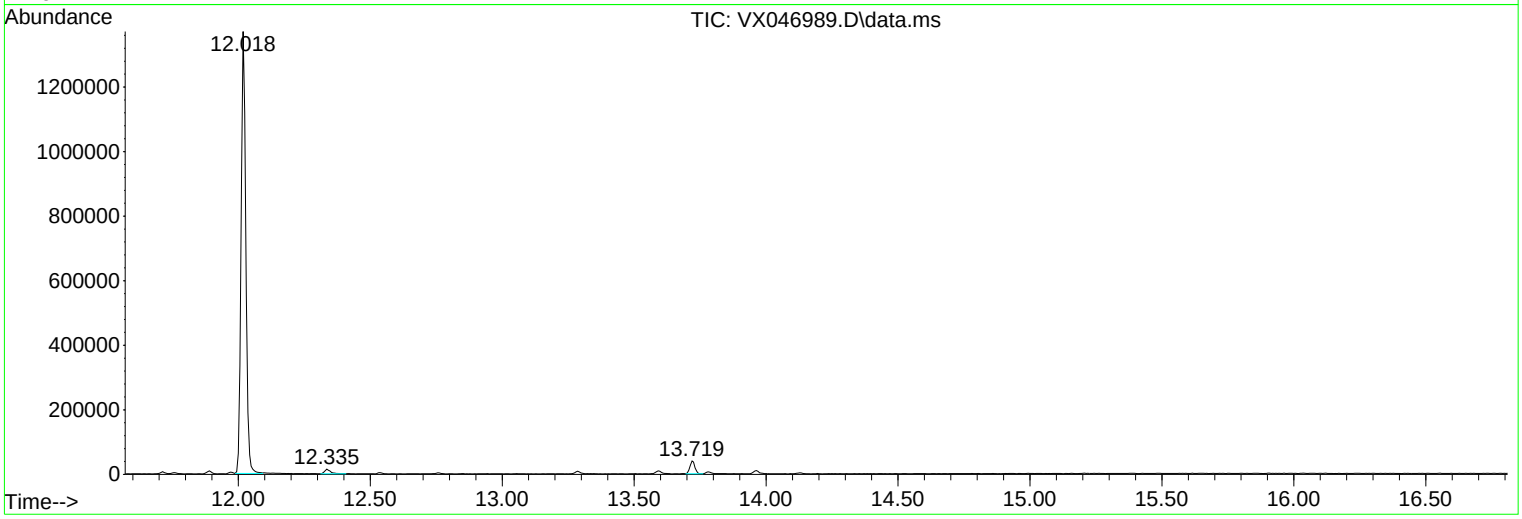
Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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







Sample Results: **VX046989.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX046989.D
Acq On : 15 Jul 2025 10:39
Operator : JC/MD
Sample : VX0715MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260

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

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031838.D
Acq On : 14 Jul 2025 10:14
Operator : SY/MD
Sample : VW0714SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 02:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.959	168	217952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	419177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	378051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	171979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168287	53.803	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 107.600%			
35) Dibromofluoromethane	7.898	113	135758	49.632	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 99.260%			
50) Toluene-d8	10.325	98	523647	51.443	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 102.880%			
62) 4-Bromofluorobenzene	12.617	95	195906	52.298	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 104.600%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	27886	18.787	ug/l	98
3) Chloromethane	2.259	50	35130	19.631	ug/l	98
4) Vinyl Chloride	2.405	62	48367	20.563	ug/l	96
5) Bromomethane	2.826	94	37087	20.187	ug/l	97
6) Chloroethane	2.978	64	32246	20.183	ug/l	99
7) Trichlorofluoromethane	3.308	101	35827	16.772	ug/l	89
8) Diethyl Ether	3.722	74	34493	21.250	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.112	101	46137	19.459	ug/l	98
10) Methyl Iodide	4.314	142	74062	20.262	ug/l	99
11) Tert butyl alcohol	5.222	59	17708	91.382	ug/l	98
12) 1,1-Dichloroethene	4.082	96	53161	20.470	ug/l	96
13) Acrolein	3.936	56	25657	73.666	ug/l	96
14) Allyl chloride	4.704	41	85131	21.365	ug/l	98
15) Acrylonitrile	5.405	53	79618	99.746	ug/l	98
16) Acetone	4.167	43	67311	87.065	ug/l	98
17) Carbon Disulfide	4.417	76	129954	18.700	ug/l	98
18) Methyl Acetate	4.704	43	41025	18.567	ug/l	98
19) Methyl tert-butyl Ether	5.460	73	100300	22.754	ug/l	99
20) Methylene Chloride	4.954	84	82155	24.047	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	59787	21.666	ug/l	94
22) Diisopropyl ether	6.338	45	180883	23.276	ug/l	98
23) Vinyl Acetate	6.283	43	575226	108.368	ug/l	98
24) 1,1-Dichloroethane	6.246	63	111909	22.212	ug/l	98
25) 2-Butanone	7.197	43	96881	96.323	ug/l	98
26) 2,2-Dichloropropane	7.191	77	58709	19.972	ug/l	97
27) cis-1,2-Dichloroethene	7.191	96	70817	22.325	ug/l	100
28) Bromochloromethane	7.533	49	48752	21.927	ug/l	100
29) Tetrahydrofuran	7.557	42	67445	97.917	ug/l	99
30) Chloroform	7.691	83	121573	22.708	ug/l	93
31) Cyclohexane	7.971	56	87883	19.733	ug/l	97
32) 1,1,1-Trichloroethane	7.892	97	85467	20.716	ug/l	98
36) 1,1-Dichloropropene	8.093	75	80692	20.386	ug/l	99
37) Ethyl Acetate	7.276	43	48330	19.356	ug/l	99
38) Carbon Tetrachloride	8.087	117	72347	17.937	ug/l	96
39) Methylcyclohexane	9.343	83	90567	18.391	ug/l	100
40) Benzene	8.337	78	245256	20.943	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031838.D
Acq On : 14 Jul 2025 10:14
Operator : SY/MD
Sample : VW0714SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 02:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	25451	19.028	ug/l		92
42) 1,2-Dichloroethane	8.410	62	80807	20.422	ug/l		100
43) Isopropyl Acetate	8.435	43	81753	18.994	ug/l		97
44) Trichloroethene	9.099	130	59908	20.496	ug/l		99
45) 1,2-Dichloropropane	9.374	63	60430	21.351	ug/l		99
46) Dibromomethane	9.465	93	37053	20.278	ug/l		97
47) Bromodichloromethane	9.654	83	89016	20.775	ug/l		100
48) Methyl methacrylate	9.441	41	39807	18.809	ug/l		97
49) 1,4-Dioxane	9.465	88	7132	333.258	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.215	43	234264	94.673	ug/l		99
52) Toluene	10.392	92	160699	21.433	ug/l		96
53) t-1,3-Dichloropropene	10.611	75	82105	20.423	ug/l		95
54) cis-1,3-Dichloropropene	10.075	75	95843	21.030	ug/l		99
55) 1,1,2-Trichloroethane	10.788	97	49673	20.753	ug/l		95
56) Ethyl methacrylate	10.648	69	67972	20.932	ug/l		96
57) 1,3-Dichloropropane	10.934	76	87785	20.890	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	179746	100.524	ug/l		99
59) 2-Hexanone	10.971	43	160456	95.692	ug/l		99
60) Dibromochloromethane	11.129	129	57188	19.980	ug/l		97
61) 1,2-Dibromoethane	11.239	107	46829	19.544	ug/l		98
64) Tetrachloroethene	10.867	164	43730	17.684	ug/l		93
65) Chlorobenzene	11.654	112	169717	20.347	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.727	131	54487	20.499	ug/l		100
67) Ethyl Benzene	11.733	91	300085	20.747	ug/l		99
68) m/p-Xylenes	11.843	106	231057	41.556	ug/l		100
69) o-Xylene	12.166	106	109337	21.238	ug/l		99
70) Styrene	12.178	104	191458	21.513	ug/l		99
71) Bromoform	12.349	173	29021	18.302	ug/l	#	100
73) Isopropylbenzene	12.465	105	275112	21.030	ug/l		99
74) N-amyl acetate	12.269	43	74524	21.136	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.715	83	60325	20.771	ug/l		98
76) 1,2,3-Trichloropropane	12.769	75	46070m	20.729	ug/l		
77) Bromobenzene	12.745	156	64951	22.261	ug/l		88
78) n-propylbenzene	12.800	91	343558	21.932	ug/l		98
79) 2-Chlorotoluene	12.891	91	208461	22.099	ug/l		97
80) 1,3,5-Trimethylbenzene	12.940	105	246277	22.744	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.507	75	17902	18.762	ug/l		93
82) 4-Chlorotoluene	12.983	91	221618	22.378	ug/l		98
83) tert-Butylbenzene	13.202	119	198157	21.364	ug/l		100
84) 1,2,4-Trimethylbenzene	13.245	105	253100	23.069	ug/l		96
85) sec-Butylbenzene	13.379	105	300477	21.583	ug/l		100
86) p-Isopropyltoluene	13.495	119	259099	22.582	ug/l		98
87) 1,3-Dichlorobenzene	13.495	146	119680	20.454	ug/l		96
88) 1,4-Dichlorobenzene	13.574	146	129229	21.578	ug/l		95
89) n-Butylbenzene	13.818	91	240051	21.533	ug/l		99
90) Hexachloroethane	14.086	117	42673	20.615	ug/l		97
91) 1,2-Dichlorobenzene	13.867	146	115441	21.586	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.483	75	10337	18.229	ug/l		95
93) 1,2,4-Trichlorobenzene	15.123	180	68117	20.653	ug/l		98
94) Hexachlorobutadiene	15.226	225	30212	18.970	ug/l		90
95) Naphthalene	15.360	128	165126	20.421	ug/l		98
96) 1,2,3-Trichlorobenzene	15.549	180	62893	20.753	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031838.D
Acq On : 14 Jul 2025 10:14
Operator : SY/MD
Sample : VW0714SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Quant Time: Jul 15 02:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

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

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

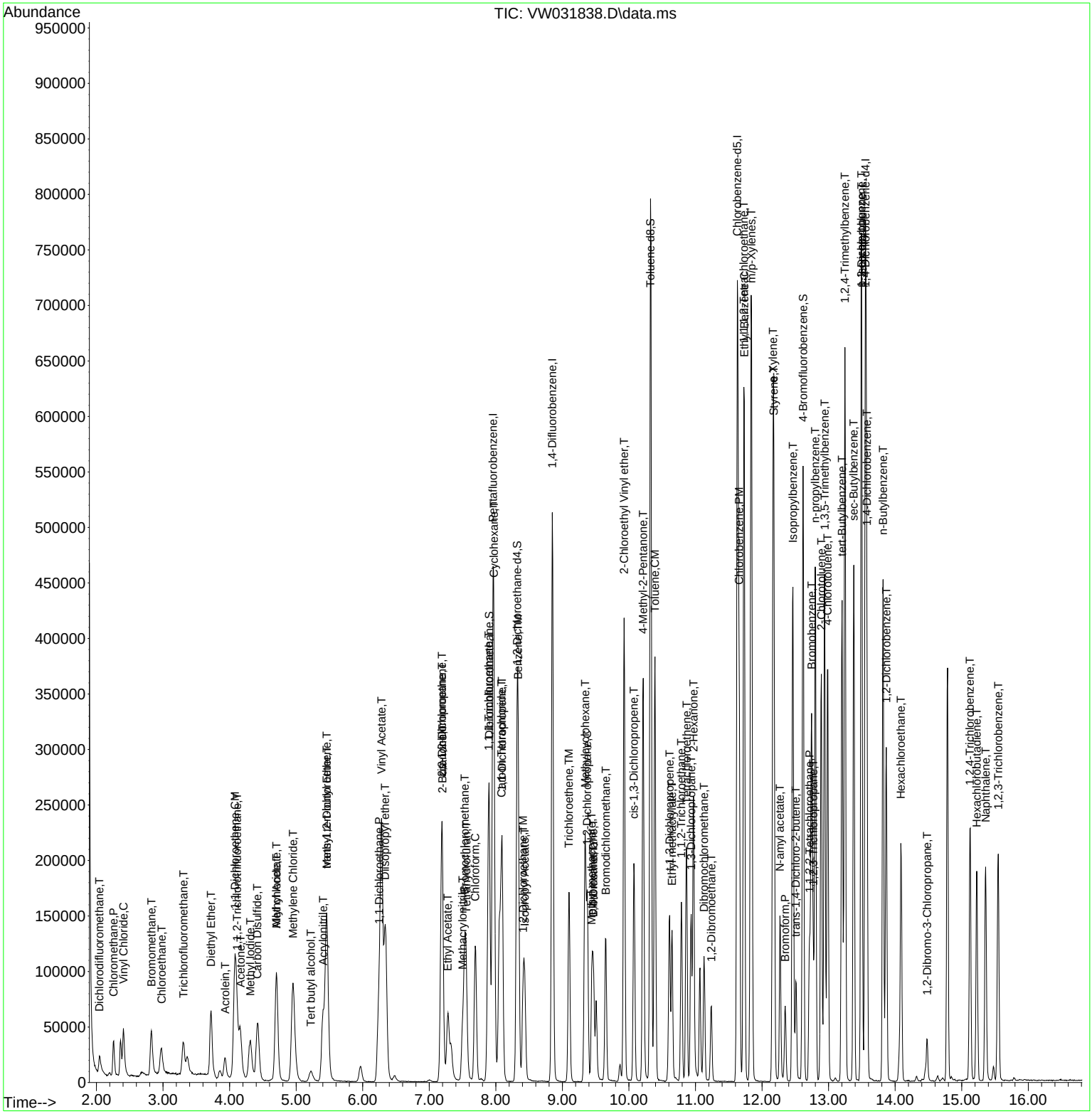
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031838.D
Acq On : 14 Jul 2025 10:14
Operator : SY/MD
Sample : VW0714SBS01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 15 02:39:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	380935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	631809	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	572542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	293826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	250995	49.875	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.740%			
35) Dibromofluoromethane	5.397	113	210542	49.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.180%			
50) Toluene-d8	8.646	98	750632	49.607	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.220%			
62) 4-Bromofluorobenzene	11.079	95	291553	50.697	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	68036	18.675	ug/l	97
3) Chloromethane	1.306	50	75722	19.024	ug/l	98
4) Vinyl Chloride	1.386	62	80875	18.658	ug/l	97
5) Bromomethane	1.629	94	57067	20.491	ug/l	95
6) Chloroethane	1.709	64	51958	18.153	ug/l	97
7) Trichlorofluoromethane	1.910	101	125782	18.767	ug/l	100
8) Diethyl Ether	2.148	74	44233	18.546	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	80482	18.845	ug/l	99
10) Methyl Iodide	2.471	142	81435	17.503	ug/l	95
11) Tert butyl alcohol	2.952	59	29156	88.336	ug/l	99
12) 1,1-Dichloroethene	2.337	96	75156	18.194	ug/l	99
13) Acrolein	2.251	56	32484	90.891	ug/l	98
14) Allyl chloride	2.684	41	135287	18.396	ug/l	99
15) Acrylonitrile	3.074	53	177334	92.929	ug/l	99
16) Acetone	2.385	43	135535	86.703	ug/l	99
17) Carbon Disulfide	2.532	76	194647	17.968	ug/l	99
18) Methyl Acetate	2.715	43	79351	19.259	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	220287	18.885	ug/l	100
20) Methylene Chloride	2.806	84	85406	18.476	ug/l	97
21) trans-1,2-Dichloroethene	3.111	96	80998	19.163	ug/l	92
22) Diisopropyl ether	3.769	45	278055	19.570	ug/l	91
23) Vinyl Acetate	3.733	43	1002297	94.162	ug/l	100
24) 1,1-Dichloroethane	3.629	63	153606	18.957	ug/l	98
25) 2-Butanone	4.568	43	194141	93.086	ug/l	98
26) 2,2-Dichloropropane	4.495	77	109423	18.145	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	98001	18.990	ug/l	99
28) Bromochloromethane	4.909	49	63945	15.990	ug/l	99
29) Tetrahydrofuran	5.013	42	125617	94.485	ug/l	99
30) Chloroform	5.104	83	157900	19.074	ug/l	99
31) Cyclohexane	5.488	56	138302	19.226	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	130237	18.831	ug/l	99
36) 1,1-Dichloropropene	5.708	75	104793	18.110	ug/l	98
37) Ethyl Acetate	4.726	43	81519	16.541	ug/l	96
38) Carbon Tetrachloride	5.690	117	111817	18.278	ug/l	96
39) Methylcyclohexane	7.385	83	134672	18.606	ug/l	95
40) Benzene	6.049	78	331479	18.939	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	49384	18.784	ug/l		95
42) 1,2-Dichloroethane	6.092	62	110414	18.579	ug/l		99
43) Isopropyl Acetate	6.348	43	142626	18.894	ug/l		100
44) Trichloroethene	7.135	130	83932	18.422	ug/l		99
45) 1,2-Dichloropropane	7.433	63	82453	18.647	ug/l		100
46) Dibromomethane	7.586	93	56307	18.378	ug/l		97
47) Bromodichloromethane	7.823	83	122976	18.798	ug/l		97
48) Methyl methacrylate	7.695	41	72971	18.721	ug/l		99
49) 1,4-Dioxane	7.665	88	16908	374.371	ug/l	#	91
51) 4-Methyl-2-Pentanone	8.573	43	424297	95.238	ug/l		99
52) Toluene	8.720	92	207111	19.096	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	107683	18.444	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	123427	18.521	ug/l		97
55) 1,1,2-Trichloroethane	9.152	97	77121	19.091	ug/l		97
56) Ethyl methacrylate	9.116	69	105762	18.916	ug/l		99
57) 1,3-Dichloropropane	9.311	76	132209	19.007	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	274129	87.015	ug/l		100
59) 2-Hexanone	9.427	43	272293	92.144	ug/l		99
60) Dibromochloromethane	9.518	129	89907	18.597	ug/l		100
61) 1,2-Dibromoethane	9.610	107	75647	18.646	ug/l		100
64) Tetrachloroethene	9.274	164	70534	18.503	ug/l		95
65) Chlorobenzene	10.079	112	230093	18.588	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.158	131	77000	18.504	ug/l		98
67) Ethyl Benzene	10.195	91	400024	18.870	ug/l		98
68) m/p-Xylenes	10.299	106	303388	37.980	ug/l		99
69) o-Xylene	10.640	106	144569	18.736	ug/l		99
70) Styrene	10.652	104	255321	19.340	ug/l		100
71) Bromoform	10.799	173	56499	18.260	ug/l		100
73) Isopropylbenzene	10.963	105	384896	18.634	ug/l		100
74) N-amyl acetate	10.841	43	127048	18.101	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	103145	18.161	ug/l		99
76) 1,2,3-Trichloropropane	11.237	75	80806m	17.799	ug/l		
77) Bromobenzene	11.195	156	93265	18.128	ug/l		98
78) n-propylbenzene	11.298	91	461151	18.516	ug/l		100
79) 2-Chlorotoluene	11.359	91	274010	18.632	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	314655	18.748	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	28155	16.642	ug/l		96
82) 4-Chlorotoluene	11.451	91	317541	18.711	ug/l		98
83) tert-Butylbenzene	11.713	119	326204	18.819	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	318339	18.766	ug/l		96
85) sec-Butylbenzene	11.890	105	411978	18.850	ug/l		100
86) p-Isopropyltoluene	12.006	119	340932	18.628	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	177009	18.396	ug/l		98
88) 1,4-Dichlorobenzene	12.036	146	180023	17.977	ug/l		99
89) n-Butylbenzene	12.329	91	317598	18.468	ug/l		99
90) Hexachloroethane	12.536	117	56665	17.465	ug/l		98
91) 1,2-Dichlorobenzene	12.335	146	172751	18.527	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	17485	17.601	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	112828	17.812	ug/l		99
94) Hexachlorobutadiene	13.719	225	44266	18.530	ug/l		100
95) Naphthalene	13.774	128	308131	18.460	ug/l		100
96) 1,2,3-Trichlorobenzene	13.956	180	107332	17.933	ug/l		98

Sample Results: **VX046873.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

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

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

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

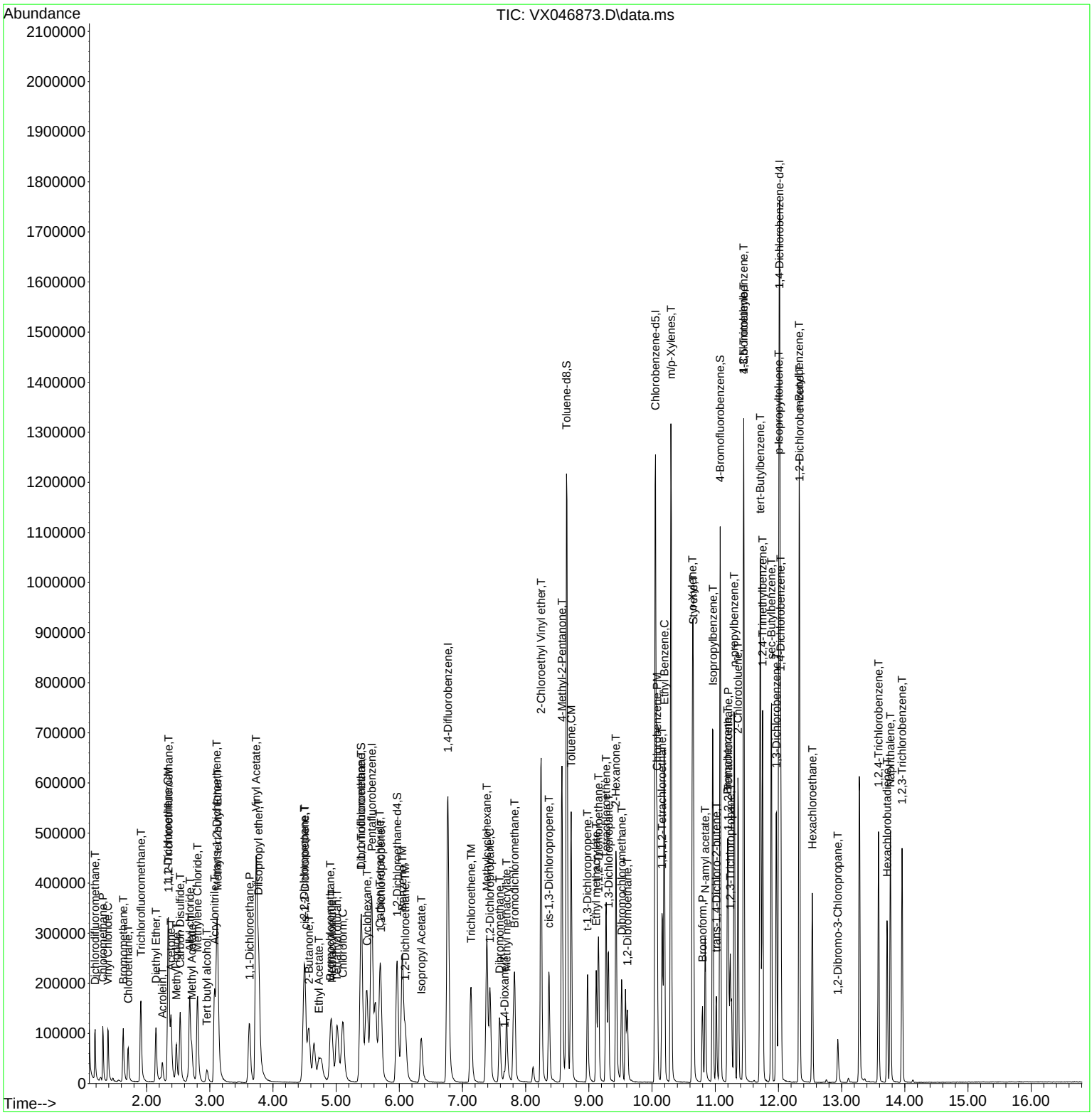
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046873.D
Acq On : 03 Jul 2025 09:56
Operator : JC/MD
Sample : VX0703WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 04 01:26:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBS01

Manual Integrations APPROVED

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047007.D
Acq On : 15 Jul 2025 17:06
Operator : JC/MD
Sample : VX0715MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 16 02:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	310444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	528338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	471044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	239011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	221056	53.899	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.800%			
35) Dibromofluoromethane	5.397	113	180158	50.234	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.460%			
50) Toluene-d8	8.653	98	613762	48.505	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.020%			
62) 4-Bromofluorobenzene	11.079	95	247726	51.512	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.020%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	50624	17.051	ug/l	96
3) Chloromethane	1.307	50	55529	17.119	ug/l	100
4) Vinyl Chloride	1.386	62	62621	17.728	ug/l	95
5) Bromomethane	1.624	94	41941	18.479	ug/l	98
6) Chloroethane	1.703	64	43972	18.852	ug/l	96
7) Trichlorofluoromethane	1.904	101	103643	18.976	ug/l	92
8) Diethyl Ether	2.148	74	38968	20.048	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	65726	18.885	ug/l	98
10) Methyl Iodide	2.471	142	52612	13.876	ug/l	100
11) Tert butyl alcohol	2.965	59	46075	171.294	ug/l	100
12) 1,1-Dichloroethene	2.337	96	62880	18.679	ug/l	98
13) Acrolein	2.251	56	23837	82.123	ug/l	97
14) Allyl chloride	2.678	41	121840	20.329	ug/l	98
15) Acrylonitrile	3.074	53	195273	125.565	ug/l	99
16) Acetone	2.392	43	158267	124.234	ug/l	95
17) Carbon Disulfide	2.532	76	131949	14.946	ug/l	97
18) Methyl Acetate	2.715	43	105599	31.449	ug/l	98
19) Methyl tert-butyl Ether	3.129	73	226641	23.841	ug/l	99
20) Methylene Chloride	2.806	84	76230	20.236	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	66391	19.274	ug/l	96
22) Diisopropyl ether	3.769	45	259676	22.427	ug/l #	84
23) Vinyl Acetate	3.733	43	994586	114.654	ug/l	99
24) 1,1-Dichloroethane	3.623	63	133612	20.233	ug/l	98
25) 2-Butanone	4.568	43	237692	139.846	ug/l	97
26) 2,2-Dichloropropane	4.489	77	86252	17.550	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	85137	20.243	ug/l	100
28) Bromochloromethane	4.916	49	70239	21.552	ug/l	97
29) Tetrahydrofuran	5.019	42	152661	140.899	ug/l	99
30) Chloroform	5.111	83	140047	20.759	ug/l	96
31) Cyclohexane	5.483	56	109369	18.656	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	117504	20.847	ug/l	99
36) 1,1-Dichloropropene	5.702	75	90374	18.677	ug/l	99
37) Ethyl Acetate	4.727	43	94504	22.931	ug/l	98
38) Carbon Tetrachloride	5.690	117	97550	19.069	ug/l	98
39) Methylcyclohexane	7.385	83	100843	16.660	ug/l	95
40) Benzene	6.043	78	279584	19.103	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047007.D
Acq On : 15 Jul 2025 17:06
Operator : JC/MD
Sample : VX0715MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 16 02:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	54774	24.914	ug/l		98
42) 1,2-Dichloroethane	6.098	62	104810	21.089	ug/l		97
43) Isopropyl Acetate	6.348	43	162099	25.679	ug/l		99
44) Trichloroethene	7.135	130	68457	17.968	ug/l		93
45) 1,2-Dichloropropane	7.433	63	73300	19.823	ug/l		92
46) Dibromomethane	7.586	93	53191	20.761	ug/l		98
47) Bromodichloromethane	7.824	83	111412	20.366	ug/l		97
48) Methyl methacrylate	7.696	41	83091	25.492	ug/l		96
49) 1,4-Dioxane	7.665	88	21863	578.886	ug/l		95
51) 4-Methyl-2-Pentanone	8.573	43	516323	138.592	ug/l		99
52) Toluene	8.720	92	179542	19.797	ug/l		97
53) t-1,3-Dichloropropene	8.982	75	97384	19.947	ug/l		99
54) cis-1,3-Dichloropropene	8.372	75	109998	19.739	ug/l		98
55) 1,1,2-Trichloroethane	9.153	97	72450	21.447	ug/l		96
56) Ethyl methacrylate	9.116	69	112348	24.029	ug/l		98
57) 1,3-Dichloropropane	9.311	76	123372	21.210	ug/l		99
58) 2-Chloroethyl Vinyl ether	8.244	63	264524	100.410	ug/l		99
59) 2-Hexanone	9.433	43	357652	144.733	ug/l		98
60) Dibromochloromethane	9.518	129	81124	20.067	ug/l		100
61) 1,2-Dibromoethane	9.610	107	71104	20.958	ug/l		96
64) Tetrachloroethene	9.275	164	56757	18.097	ug/l		93
65) Chlorobenzene	10.079	112	199501	19.589	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.165	131	69339	20.253	ug/l		99
67) Ethyl Benzene	10.195	91	346071	19.843	ug/l		100
68) m/p-Xylenes	10.299	106	258759	39.373	ug/l		97
69) o-Xylene	10.640	106	126247	19.887	ug/l		98
70) Styrene	10.652	104	221785	20.420	ug/l		98
71) Bromoform	10.799	173	53510	21.021	ug/l	#	98
73) Isopropylbenzene	10.963	105	338957	20.174	ug/l		100
74) N-amyl acetate	10.841	43	145837	25.543	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	108923	23.576	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	85192m	23.068	ug/l		
77) Bromobenzene	11.195	156	82862	19.799	ug/l		96
78) n-propylbenzene	11.305	91	403359	19.910	ug/l		99
79) 2-Chlorotoluene	11.366	91	243601	20.364	ug/l		99
80) 1,3,5-Trimethylbenzene	11.451	105	280552	20.550	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	28681	20.841	ug/l		93
82) 4-Chlorotoluene	11.451	91	284304	20.595	ug/l		100
83) tert-Butylbenzene	11.713	119	285636	20.257	ug/l		97
84) 1,2,4-Trimethylbenzene	11.750	105	283980	20.580	ug/l		95
85) sec-Butylbenzene	11.890	105	357652	20.118	ug/l		99
86) p-Isopropyltoluene	12.006	119	291042	19.549	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	156922	20.049	ug/l		98
88) 1,4-Dichlorobenzene	12.042	146	156512	19.214	ug/l		98
89) n-Butylbenzene	12.329	91	267548	19.126	ug/l		99
90) Hexachloroethane	12.536	117	49305	18.682	ug/l		97
91) 1,2-Dichlorobenzene	12.335	146	150962	19.903	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20644	25.547	ug/l		94
93) 1,2,4-Trichlorobenzene	13.585	180	100068	19.420	ug/l		99
94) Hexachlorobutadiene	13.719	225	34692	17.853	ug/l		99
95) Naphthalene	13.774	128	318027	23.422	ug/l		100
96) 1,2,3-Trichlorobenzene	13.957	180	96852	19.893	ug/l		97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047007.D
Acq On : 15 Jul 2025 17:06
Operator : JC/MD
Sample : VX0715MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 16 02:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

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

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

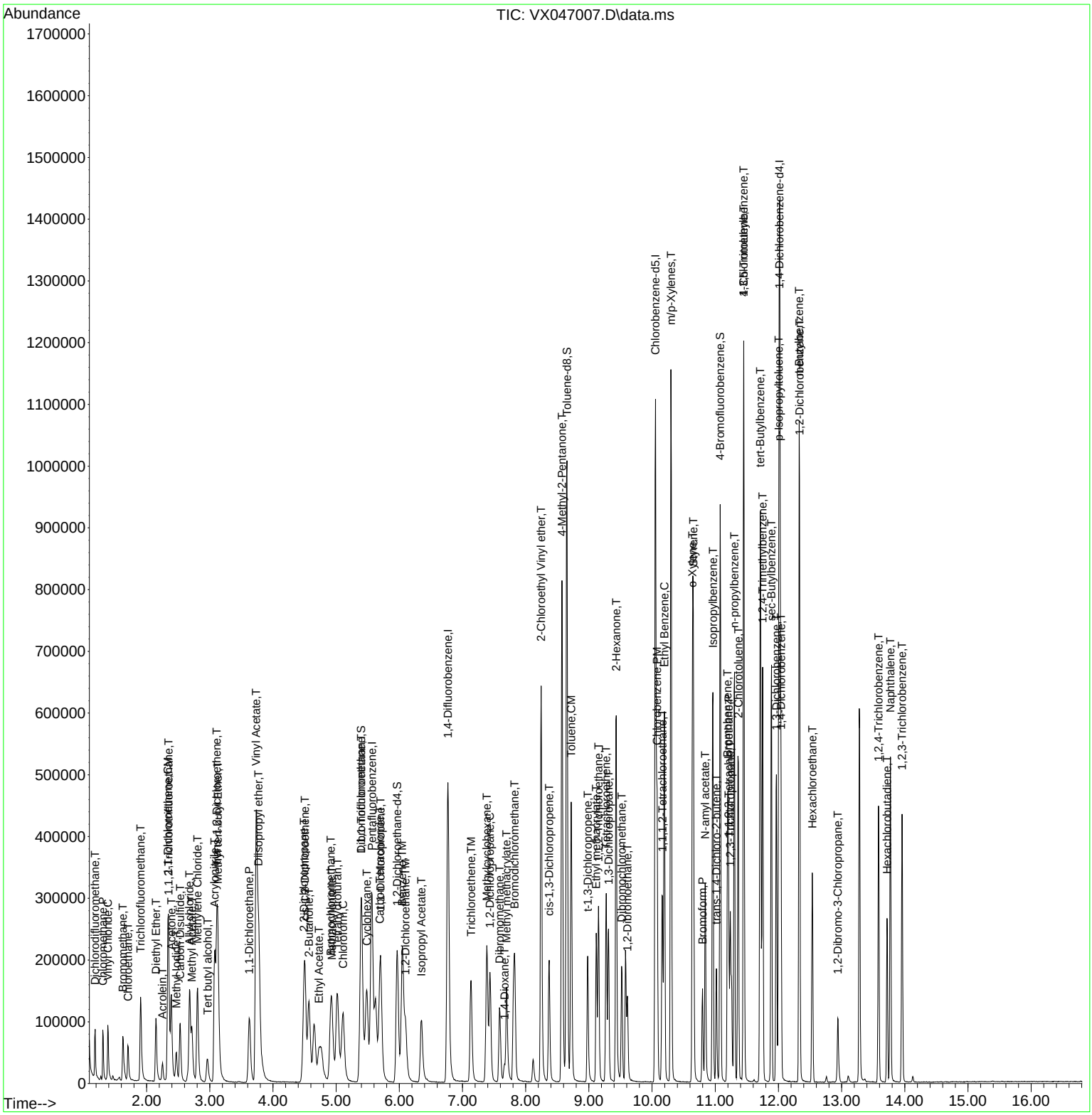
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047007.D
Acq On : 15 Jul 2025 17:06
Operator : JC/MD
Sample : VX0715MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 16 02:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0715MBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031839.D
Acq On : 14 Jul 2025 10:36
Operator : SY/MD
Sample : VW0714SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 02:40:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.965	168	213196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	419599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	383633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	180632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	168874	55.195	ug/l	0.00
Spiked Amount 50.000	Range 63 - 155		Recovery = 110.380%			
35) Dibromofluoromethane	7.904	113	141487	51.674	ug/l	0.00
Spiked Amount 50.000	Range 70 - 134		Recovery = 103.340%			
50) Toluene-d8	10.325	98	514621	50.505	ug/l	0.00
Spiked Amount 50.000	Range 74 - 123		Recovery = 101.020%			
62) 4-Bromofluorobenzene	12.617	95	202927	54.118	ug/l	0.00
Spiked Amount 50.000	Range 17 - 146		Recovery = 108.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.052	85	24609	16.949	ug/l	99
3) Chloromethane	2.259	50	34502	19.710	ug/l	98
4) Vinyl Chloride	2.411	62	45927	19.962	ug/l	95
5) Bromomethane	2.826	94	36697	20.420	ug/l	95
6) Chloroethane	2.972	64	31465	20.133	ug/l	95
7) Trichlorofluoromethane	3.308	101	40411	19.340	ug/l	94
8) Diethyl Ether	3.722	74	35543	22.386	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.100	101	45420	19.584	ug/l	97
10) Methyl Iodide	4.314	142	71247	19.927	ug/l	99
11) Tert butyl alcohol	5.234	59	20449	107.881	ug/l	98
12) 1,1-Dichloroethene	4.082	96	50821	20.005	ug/l	92
13) Acrolein	3.936	56	25636	75.248	ug/l	95
14) Allyl chloride	4.704	41	81670	20.953	ug/l	98
15) Acrylonitrile	5.405	53	84019	107.608	ug/l	99
16) Acetone	4.167	43	75082	99.283	ug/l	94
17) Carbon Disulfide	4.429	76	125753	18.499	ug/l	98
18) Methyl Acetate	4.710	43	45134	20.883	ug/l	98
19) Methyl tert-butyl Ether	5.466	73	98454	22.834	ug/l	99
20) Methylene Chloride	4.960	84	81509	24.463	ug/l	98
21) trans-1,2-Dichloroethene	5.460	96	57078	21.146	ug/l	98
22) Diisopropyl ether	6.344	45	179249	23.580	ug/l	98
23) Vinyl Acetate	6.289	43	593190	114.245	ug/l	97
24) 1,1-Dichloroethane	6.252	63	109046	22.126	ug/l	99
25) 2-Butanone	7.197	43	109501	111.299	ug/l	99
26) 2,2-Dichloropropane	7.185	77	57198	19.892	ug/l	100
27) cis-1,2-Dichloroethene	7.191	96	69492	22.396	ug/l	98
28) Bromochloromethane	7.532	49	49771	22.885	ug/l	99
29) Tetrahydrofuran	7.557	42	74733	110.918	ug/l	99
30) Chloroform	7.697	83	117943	22.522	ug/l	99
31) Cyclohexane	7.971	56	86315	19.813	ug/l	96
32) 1,1,1-Trichloroethane	7.886	97	83140	20.601	ug/l	99
36) 1,1-Dichloropropene	8.099	75	76947	19.421	ug/l	99
37) Ethyl Acetate	7.276	43	50983	20.398	ug/l	100
38) Carbon Tetrachloride	8.081	117	74893	18.549	ug/l	99
39) Methylcyclohexane	9.343	83	89385	18.133	ug/l	94
40) Benzene	8.337	78	244539	20.861	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031839.D
Acq On : 14 Jul 2025 10:36
Operator : SY/MD
Sample : VW0714SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 02:40:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.502	41	27875	20.819	ug/l		98
42) 1,2-Dichloroethane	8.410	62	81454	20.565	ug/l		98
43) Isopropyl Acetate	8.441	43	87779	20.374	ug/l		98
44) Trichloroethene	9.099	130	57013	19.486	ug/l		95
45) 1,2-Dichloropropane	9.380	63	57958	20.457	ug/l		100
46) Dibromomethane	9.465	93	37747	20.637	ug/l		97
47) Bromodichloromethane	9.654	83	89141	20.783	ug/l		99
48) Methyl methacrylate	9.447	41	43023	20.309	ug/l		97
49) 1,4-Dioxane	9.465	88	9243	431.465	ug/l	#	96
51) 4-Methyl-2-Pentanone	10.215	43	256818	103.684	ug/l		100
52) Toluene	10.392	92	158007	21.053	ug/l		98
53) t-1,3-Dichloropropene	10.611	75	84553	21.011	ug/l		97
54) cis-1,3-Dichloropropene	10.075	75	95766	20.992	ug/l		98
55) 1,1,2-Trichloroethane	10.788	97	50275	20.983	ug/l		97
56) Ethyl methacrylate	10.648	69	71692	22.056	ug/l		98
57) 1,3-Dichloropropane	10.934	76	90014	21.398	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.928	63	193414	108.059	ug/l		98
59) 2-Hexanone	10.971	43	180082	107.289	ug/l		99
60) Dibromochloromethane	11.129	129	55936	19.523	ug/l		93
61) 1,2-Dibromoethane	11.239	107	49994	20.843	ug/l		98
64) Tetrachloroethene	10.861	164	43464	17.320	ug/l		92
65) Chlorobenzene	11.654	112	166946	19.724	ug/l		94
66) 1,1,1,2-Tetrachloroethane	11.733	131	54305	20.133	ug/l		97
67) Ethyl Benzene	11.727	91	300048	20.443	ug/l		96
68) m/p-Xylenes	11.837	106	224555	39.799	ug/l		99
69) o-Xylene	12.166	106	107272	20.534	ug/l		99
70) Styrene	12.178	104	183895	20.362	ug/l		98
71) Bromoform	12.349	173	30684	19.069	ug/l	#	98
73) Isopropylbenzene	12.465	105	280880	20.443	ug/l		98
74) N-amyl acetate	12.269	43	81575	22.027	ug/l		100
75) 1,1,2,2-Tetrachloroethane	12.714	83	63391	20.781	ug/l		99
76) 1,2,3-Trichloropropane	12.763	75	48982m	20.984	ug/l		
77) Bromobenzene	12.745	156	61500	20.069	ug/l		94
78) n-propylbenzene	12.800	91	337459	20.510	ug/l		99
79) 2-Chlorotoluene	12.891	91	209747	21.170	ug/l		99
80) 1,3,5-Trimethylbenzene	12.940	105	238168	20.941	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.513	75	18854	18.813	ug/l		92
82) 4-Chlorotoluene	12.989	91	218429	20.999	ug/l		100
83) tert-Butylbenzene	13.202	119	194261	19.940	ug/l		99
84) 1,2,4-Trimethylbenzene	13.245	105	241588	20.965	ug/l		99
85) sec-Butylbenzene	13.379	105	293323	20.059	ug/l		99
86) p-Isopropyltoluene	13.495	119	247144	20.508	ug/l		99
87) 1,3-Dichlorobenzene	13.495	146	124859	20.317	ug/l		99
88) 1,4-Dichlorobenzene	13.574	146	126920	20.177	ug/l		94
89) n-Butylbenzene	13.818	91	234809	20.054	ug/l		98
90) Hexachloroethane	14.092	117	41932	19.287	ug/l		98
91) 1,2-Dichlorobenzene	13.867	146	116784	20.791	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.476	75	11462	19.244	ug/l		95
93) 1,2,4-Trichlorobenzene	15.129	180	68535	19.784	ug/l		95
94) Hexachlorobutadiene	15.226	225	28897	17.275	ug/l		95
95) Naphthalene	15.360	128	167105	19.676	ug/l		99
96) 1,2,3-Trichlorobenzene	15.549	180	61227	19.235	ug/l		91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031839.D
Acq On : 14 Jul 2025 10:36
Operator : SY/MD
Sample : VW0714SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 02:40:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025

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

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

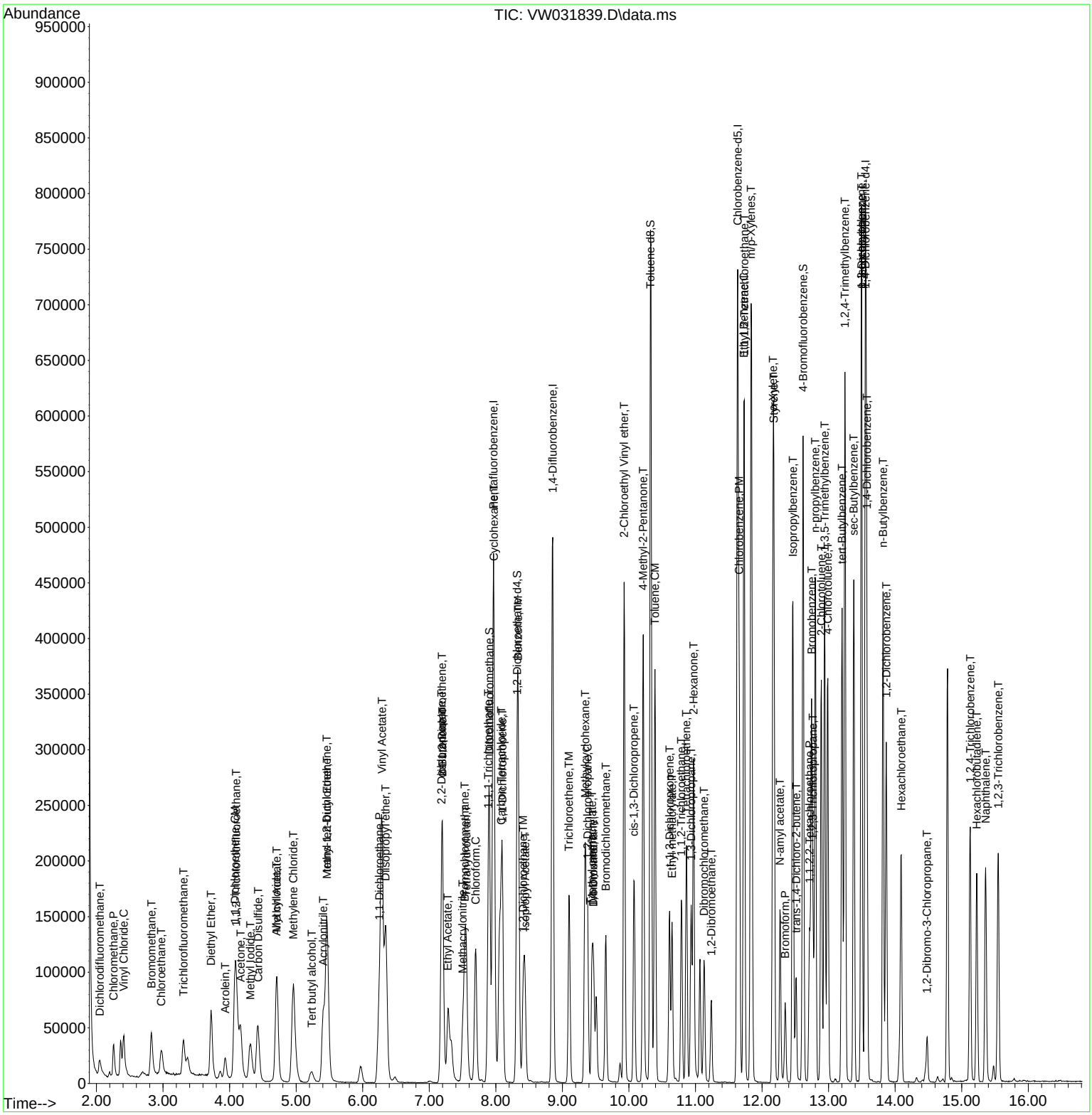
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071425\
Data File : VW031839.D
Acq On : 14 Jul 2025 10:36
Operator : SY/MD
Sample : VW0714SBSD01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 15 02:40:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 01 03:35:17 2025
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
VW0714SBSD01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/15/2025
Supervised By :Mahesh Dadoda 07/16/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	339915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	568093	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	517645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	269874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	230519	51.334	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.660%			
35) Dibromofluoromethane	5.391	113	191861	49.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.500%			
50) Toluene-d8	8.647	98	671040	49.321	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.640%			
62) 4-Bromofluorobenzene	11.079	95	264089	51.072	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.140%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.179	85	62729	19.296	ug/l	98
3) Chloromethane	1.307	50	69050	19.441	ug/l	98
4) Vinyl Chloride	1.386	62	73973	19.126	ug/l	97
5) Bromomethane	1.630	94	51002	20.523	ug/l	97
6) Chloroethane	1.703	64	48021	18.803	ug/l	94
7) Trichlorofluoromethane	1.904	101	116515	19.483	ug/l	98
8) Diethyl Ether	2.142	74	43182	20.290	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	74499	19.550	ug/l	99
10) Methyl Iodide	2.471	142	82580	19.891	ug/l	99
11) Tert butyl alcohol	2.947	59	28802	97.794	ug/l	99
12) 1,1-Dichloroethene	2.337	96	70748	19.194	ug/l	99
13) Acrolein	2.246	56	31524	98.601	ug/l	97
14) Allyl chloride	2.678	41	127246	19.390	ug/l	99
15) Acrylonitrile	3.069	53	169062	99.285	ug/l	99
16) Acetone	2.386	43	126884	90.964	ug/l	100
17) Carbon Disulfide	2.526	76	178758	18.493	ug/l	100
18) Methyl Acetate	2.715	43	75310	20.484	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	213289	20.491	ug/l	99
20) Methylene Chloride	2.800	84	81945	19.867	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	75072	19.904	ug/l	99
22) Diisopropyl ether	3.764	45	265963	20.978	ug/l #	83
23) Vinyl Acetate	3.727	43	972517	102.390	ug/l	99
24) 1,1-Dichloroethane	3.623	63	142037	19.644	ug/l	99
25) 2-Butanone	4.556	43	183656	98.685	ug/l	99
26) 2,2-Dichloropropane	4.483	77	100620	18.699	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	91771	19.929	ug/l	100
28) Bromochloromethane	4.904	49	62290	17.456	ug/l	97
29) Tetrahydrofuran	5.007	42	121593	102.495	ug/l	99
30) Chloroform	5.105	83	148570	20.113	ug/l	94
31) Cyclohexane	5.483	56	128775	20.062	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	120018	19.447	ug/l	97
36) 1,1-Dichloropropene	5.702	75	100414	19.300	ug/l	99
37) Ethyl Acetate	4.721	43	80747	18.222	ug/l	99
38) Carbon Tetrachloride	5.684	117	107033	19.458	ug/l	99
39) Methylcyclohexane	7.385	83	125862	19.339	ug/l	98
40) Benzene	6.044	78	311436	19.790	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.922	41	46583	19.706	ug/l		97
42) 1,2-Dichloroethane	6.092	62	108647	20.332	ug/l		99
43) Isopropyl Acetate	6.342	43	135993	20.036	ug/l		99
44) Trichloroethene	7.129	130	77478	18.913	ug/l		85
45) 1,2-Dichloropropane	7.434	63	79235	19.929	ug/l		95
46) Dibromomethane	7.586	93	54568	19.808	ug/l		99
47) Bromodichloromethane	7.824	83	117624	19.997	ug/l		98
48) Methyl methacrylate	7.696	41	70912	20.233	ug/l		97
49) 1,4-Dioxane	7.659	88	16565	407.913	ug/l		99
51) 4-Methyl-2-Pentanone	8.568	43	407426	101.708	ug/l		100
52) Toluene	8.714	92	195560	20.054	ug/l		100
53) t-1,3-Dichloropropene	8.976	75	103725	19.759	ug/l		97
54) cis-1,3-Dichloropropene	8.366	75	121606	20.295	ug/l		98
55) 1,1,2-Trichloroethane	9.147	97	75284	20.726	ug/l		98
56) Ethyl methacrylate	9.116	69	102805	20.449	ug/l		100
57) 1,3-Dichloropropane	9.305	76	127139	20.328	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.238	63	267457	94.419	ug/l		100
59) 2-Hexanone	9.427	43	273252	102.840	ug/l		99
60) Dibromochloromethane	9.519	129	87002	20.015	ug/l		100
61) 1,2-Dibromoethane	9.610	107	73148	20.052	ug/l		99
64) Tetrachloroethene	9.269	164	66459	19.283	ug/l		95
65) Chlorobenzene	10.080	112	216580	19.352	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.159	131	73712	19.593	ug/l		99
67) Ethyl Benzene	10.189	91	377341	19.688	ug/l		100
68) m/p-Xylenes	10.299	106	287999	39.877	ug/l		99
69) o-Xylene	10.640	106	137563	19.719	ug/l		99
70) Styrene	10.653	104	240484	20.148	ug/l		99
71) Bromoform	10.799	173	54017	19.310	ug/l	#	98
73) Isopropylbenzene	10.957	105	363745	19.173	ug/l		99
74) N-amyl acetate	10.842	43	120882	18.751	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.207	83	101199	19.399	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	81097m	19.448	ug/l		
77) Bromobenzene	11.195	156	90550	19.162	ug/l		99
78) n-propylbenzene	11.299	91	434180	18.980	ug/l		100
79) 2-Chlorotoluene	11.360	91	259147	19.186	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	300217	19.476	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	27189	17.497	ug/l		96
82) 4-Chlorotoluene	11.451	91	300371	19.270	ug/l		99
83) tert-Butylbenzene	11.713	119	310012	19.472	ug/l		99
84) 1,2,4-Trimethylbenzene	11.750	105	303925	19.506	ug/l		99
85) sec-Butylbenzene	11.884	105	388639	19.361	ug/l		100
86) p-Isopropyltoluene	12.006	119	325932	19.389	ug/l		100
87) 1,3-Dichlorobenzene	11.969	146	171703	19.428	ug/l		99
88) 1,4-Dichlorobenzene	12.037	146	173114	18.821	ug/l		99
89) n-Butylbenzene	12.329	91	300821	19.045	ug/l		100
90) Hexachloroethane	12.536	117	55235	18.535	ug/l		97
91) 1,2-Dichlorobenzene	12.329	146	167127	19.514	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17286	18.945	ug/l		96
93) 1,2,4-Trichlorobenzene	13.585	180	106589	18.320	ug/l		98
94) Hexachlorobutadiene	13.719	225	41848	19.072	ug/l		99
95) Naphthalene	13.774	128	298705	19.483	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	106976	19.459	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

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

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

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

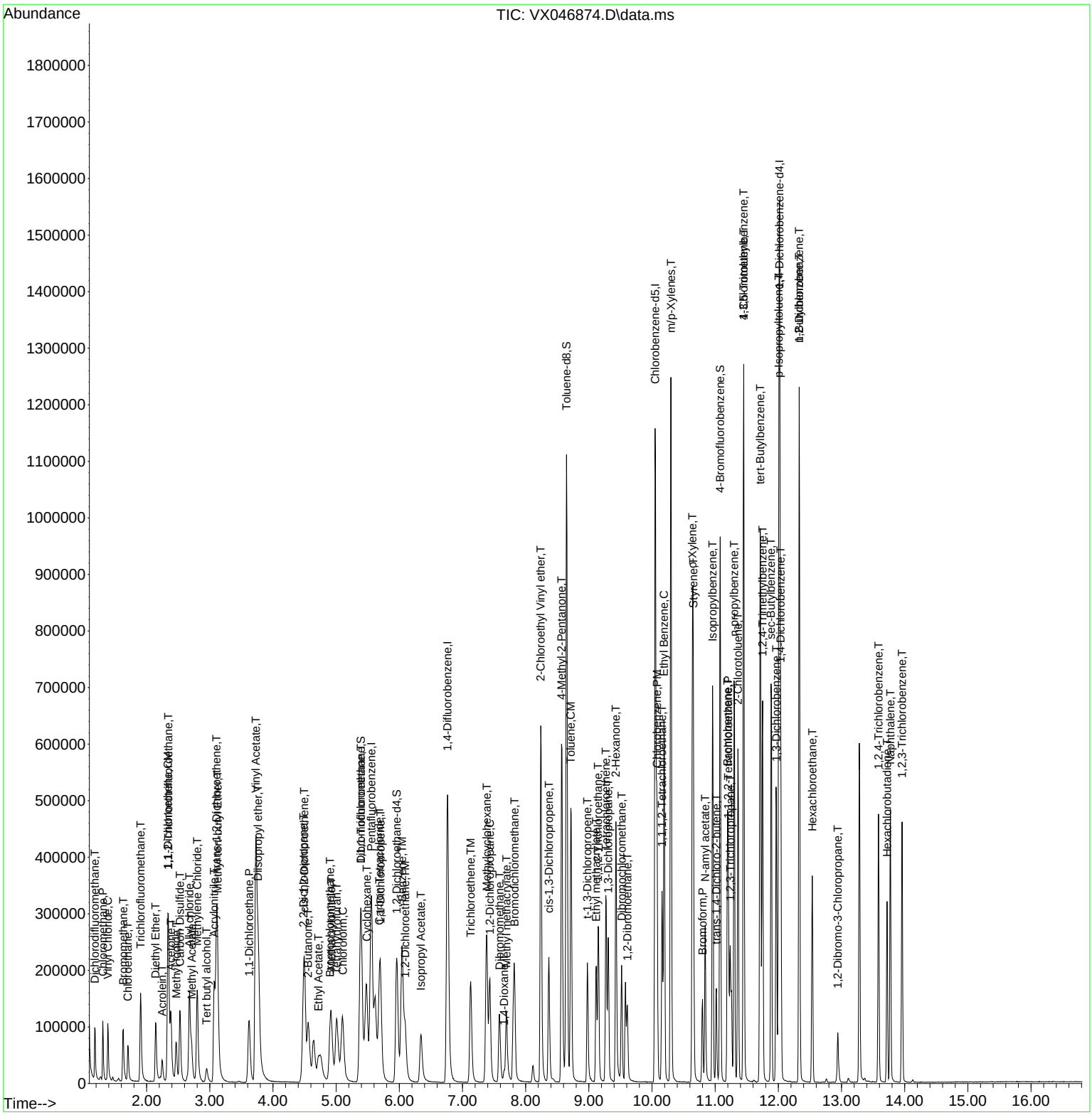
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
Data File : VX046874.D
Acq On : 03 Jul 2025 10:23
Operator : JC/MD
Sample : VX0703WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 04 01:27:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0703WBSD01

Manual Integrations APPROVED

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



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

Manual Integration Report

Sequence:	VW063025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VW031729.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Acetone	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Ethyl Acetate	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC005	VW031729.D	Tert butyl alcohol	MMDadoda	7/1/2025 12:21:33 PM	SAM	7/1/2025 12:24:10 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC010	VW031730.D	Tert butyl alcohol	MMDadoda	7/1/2025 12:21:34 PM	SAM	7/1/2025 12:24:11 PM	Peak Integrated by Software
VSTDICC020	VW031731.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:36 PM	SAM	7/1/2025 12:24:13 PM	Peak Integrated by Software
VSTDICC020	VW031731.D	1,4-Dioxane	MMDadoda	7/1/2025 12:21:36 PM	SAM	7/1/2025 12:24:13 PM	Peak Integrated by Software
VSTDICCC050	VW031732.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:38 PM	SAM	7/1/2025 12:24:15 PM	Peak Integrated by Software
VSTDICC100	VW031733.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:40 PM	SAM	7/1/2025 12:24:18 PM	Peak Integrated by Software
VSTDICC150	VW031734.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:41 PM	SAM	7/1/2025 12:24:20 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VW063025	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VW031736.D	1,2,3-Trichloropropane	MMDadoda	7/1/2025 12:21:42 PM	SAM	7/1/2025 12:24:21 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VW071425	Instrument	MSVOA_w

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VW031836.D	1,2,3-Trichloropropane	SAM	7/15/2025 3:29:16 PM	MMDadoda	7/16/2025 1:42:29 PM	Peak Integrated by Software
VW0714SBS01	VW031838.D	1,2,3-Trichloropropane	SAM	7/15/2025 3:29:21 PM	MMDadoda	7/16/2025 1:42:30 PM	Peak Integrated by Software
VW0714SBSD01	VW031839.D	1,2,3-Trichloropropane	SAM	7/15/2025 3:29:26 PM	MMDadoda	7/16/2025 1:42:36 PM	Peak Integrated by Software
Q2503-03	VW031840.D	n-Butylbenzene	SAM	7/15/2025 3:29:32 PM	MMDadoda	7/16/2025 1:42:38 PM	Peak Integrated by Software
Q2503-04	VW031841.D	n-Butylbenzene	SAM	7/15/2025 3:29:36 PM	MMDadoda	7/16/2025 1:42:40 PM	Peak Integrated by Software
Q2503-04	VW031841.D	sec-Butylbenzene	SAM	7/15/2025 3:29:36 PM	MMDadoda	7/16/2025 1:42:40 PM	Peak Integrated by Software
VSTDCCC050	VW031853.D	1,2,3-Trichloropropane	SAM	7/15/2025 3:29:48 PM	MMDadoda	7/16/2025 1:42:44 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VX046860.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dichlorobenzene	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	1,4-Dioxane	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	2-Butanone	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Acrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Carbon Tetrachloride	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Ethyl Acetate	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC001	VX046860.D	Methacrylonitrile	JOHN	7/3/2025 8:43:52 AM	MMDadoda	7/3/2025 3:09:42 PM	Peak Integrated by Software
VSTDICC005	VX046861.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:43:57 AM	MMDadoda	7/3/2025 3:09:44 PM	Peak Integrated by Software
VSTDICC020	VX046862.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:01 AM	MMDadoda	7/3/2025 3:09:46 PM	Peak Integrated by Software
VSTDICCC050	VX046863.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:05 AM	MMDadoda	7/3/2025 3:09:47 PM	Peak Integrated by Software
VSTDICC100	VX046864.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:09 AM	MMDadoda	7/3/2025 3:09:49 PM	Peak Integrated by Software
VSTDICC150	VX046865.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:13 AM	MMDadoda	7/3/2025 3:09:51 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX070225	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICV050	VX046867.D	1,2,3-Trichloropropane	JOHN	7/3/2025 8:44:17 AM	MMDadoda	7/3/2025 3:09:53 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX070325	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046869.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:13:58 AM	MMDadoda	7/7/2025 2:13:37 PM	Peak Integrated by Software
VX0703WBS01	VX046873.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:14:03 AM	MMDadoda	7/7/2025 2:13:38 PM	Peak Integrated by Software
VX0703WBSD01	VX046874.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:14:10 AM	MMDadoda	7/7/2025 2:13:40 PM	Peak Integrated by Software
VSTDCCC050	VX046890.D	1,2,3-Trichloropropane	JOHN	7/7/2025 9:17:02 AM	MMDadoda	7/7/2025 2:13:47 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX071525	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046988.D	1,2,3-Trichloropropane	JOHN	7/16/2025 8:45:14 AM	MMDadoda	7/16/2025 1:43:58 PM	Peak Integrated by Software
VX0715MBS01	VX047007.D	1,2,3-Trichloropropane	JOHN	7/16/2025 8:45:55 AM	MMDadoda	7/16/2025 1:44:32 PM	Peak Integrated by Software
VSTDCCC050	VX047014.D	1,2,3-Trichloropropane	JOHN	7/16/2025 8:46:31 AM	MMDadoda	7/16/2025 1:44:41 PM	Peak Integrated by Software

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW063025

Review By	Mahesh Dadoda	Review On	7/1/2025 12:21:51 PM				
Supervise By	Semsettin Yesilyurt	Supervise On	7/1/2025 12:24:32 PM				
SubDirectory	VW063025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134578
Initial Calibration Stds	VP134581,VP134582,VP134583,VP134584,VP134585,VP134586
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031728.D	30 Jun 2025 08:56	SY/MD	Ok
2	VSTDICC005	VW031729.D	30 Jun 2025 09:54	SY/MD	Ok,M
3	VSTDICC010	VW031730.D	30 Jun 2025 10:15	SY/MD	Ok,M
4	VSTDICC020	VW031731.D	30 Jun 2025 10:58	SY/MD	Ok,M
5	VSTDICCC050	VW031732.D	30 Jun 2025 11:21	SY/MD	Ok,M
6	VSTDICC100	VW031733.D	30 Jun 2025 12:34	SY/MD	Ok,M
7	VSTDICC150	VW031734.D	30 Jun 2025 12:55	SY/MD	Ok,M
8	VIBLK	VW031735.D	30 Jun 2025 14:11	SY/MD	Ok
9	VSTDICV050	VW031736.D	30 Jun 2025 15:23	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071425

Review By	Semsettin Yesilyurt	Review On	7/15/2025 3:30:06 PM				
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:42:51 PM				
SubDirectory	VW071425	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m		

STD. NAME	STD REF.#
Tune/Reschk	VP134754
Initial Calibration Stds	
CCC	VP134755,VP134756
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VW031835.D	14 Jul 2025 08:45	SY/MD	Ok
2	VSTDCCC050	VW031836.D	14 Jul 2025 09:17	SY/MD	Ok,M
3	VW0714SBL01	VW031837.D	14 Jul 2025 09:46	SY/MD	Ok
4	VW0714SBS01	VW031838.D	14 Jul 2025 10:14	SY/MD	Ok,M
5	VW0714SBSD01	VW031839.D	14 Jul 2025 10:36	SY/MD	Ok,M
6	Q2503-03	VW031840.D	14 Jul 2025 11:16	SY/MD	Dilution
7	Q2503-04	VW031841.D	14 Jul 2025 11:38	SY/MD	Dilution
8	Q2503-03	VW031842.D	14 Jul 2025 12:00	SY/MD	Not Ok
9	Q2503-04	VW031843.D	14 Jul 2025 12:22	SY/MD	Not Ok
10	Q2560-03	VW031844.D	14 Jul 2025 12:45	SY/MD	Ok
11	Q2592-01	VW031845.D	14 Jul 2025 13:07	SY/MD	Ok
12	Q2590-01	VW031846.D	14 Jul 2025 13:29	SY/MD	Ok
13	Q2586-03	VW031847.D	14 Jul 2025 13:51	SY/MD	Ok
14	Q2589-01	VW031848.D	14 Jul 2025 14:13	SY/MD	Ok
15	Q2559-01	VW031849.D	14 Jul 2025 14:36	SY/MD	ReRun
16	Q2597-01	VW031850.D	14 Jul 2025 15:30	SY/MD	Ok
17	Q2598-01	VW031851.D	14 Jul 2025 15:52	SY/MD	Ok
18	VIBLK	VW031852.D	14 Jul 2025 16:14	SY/MD	Ok
19	VSTDCCC050	VW031853.D	14 Jul 2025 16:37	SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046859.D	02 Jul 2025 11:12	JC/MD	Ok
2	VSTDICC001	VX046860.D	02 Jul 2025 12:11	JC/MD	Ok,M
3	VSTDICC005	VX046861.D	02 Jul 2025 12:37	JC/MD	Ok,M
4	VSTDICC020	VX046862.D	02 Jul 2025 13:18	JC/MD	Ok,M
5	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	JC/MD	Ok,M
6	VSTDICC100	VX046864.D	02 Jul 2025 14:10	JC/MD	Ok,M
7	VSTDICC150	VX046865.D	02 Jul 2025 14:31	JC/MD	Ok,M
8	VIBLK	VX046866.D	02 Jul 2025 14:53	JC/MD	Ok
9	VSTDICV050	VX046867.D	02 Jul 2025 15:14	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046868.D	03 Jul 2025 07:52	JC/MD	Ok
2	VSTDCCC050	VX046869.D	03 Jul 2025 08:19	JC/MD	Ok,M
3	VX0703MBL01	VX046870.D	03 Jul 2025 08:42	JC/MD	Ok
4	VX0703WBL01	VX046871.D	03 Jul 2025 09:09	JC/MD	Ok
5	Q2458-10	VX046872.D	03 Jul 2025 09:35	JC/MD	Ok
6	VX0703WBS01	VX046873.D	03 Jul 2025 09:56	JC/MD	Ok,M
7	VX0703WBSD01	VX046874.D	03 Jul 2025 10:23	JC/MD	Ok,M
8	Q2455-01	VX046875.D	03 Jul 2025 10:44	JC/MD	Ok,M
9	Q2455-03	VX046876.D	03 Jul 2025 11:04	JC/MD	Ok,M
10	Q2455-02	VX046877.D	03 Jul 2025 11:25	JC/MD	Ok
11	Q2455-04	VX046878.D	03 Jul 2025 11:46	JC/MD	Ok
12	Q2447-07ME	VX046879.D	03 Jul 2025 12:07	JC/MD	Ok
13	VX0703MBS01	VX046880.D	03 Jul 2025 12:27	JC/MD	Ok,M
14	IBLK	VX046881.D	03 Jul 2025 12:53	JC/MD	Ok
15	Q2501-01	VX046882.D	03 Jul 2025 13:13	JC/MD	Ok
16	Q2501-02	VX046883.D	03 Jul 2025 13:34	JC/MD	Ok
17	Q2501-03	VX046884.D	03 Jul 2025 13:55	JC/MD	Ok
18	Q2501-04	VX046885.D	03 Jul 2025 14:16	JC/MD	Ok
19	Q2503-01	VX046886.D	03 Jul 2025 14:37	JC/MD	Ok
20	Q2503-02	VX046887.D	03 Jul 2025 14:58	JC/MD	Ok
21	Q2465-02	VX046888.D	03 Jul 2025 15:19	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2509-01	VX046889.D	03 Jul 2025 15:40	JC/MD	Ok
23	VSTDCCC050	VX046890.D	03 Jul 2025 16:03	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:45:00 PM		
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046987.D	15 Jul 2025 08:29	JC/MD	Ok
2	VSTDCCC050	VX046988.D	15 Jul 2025 10:18	JC/MD	Ok,M
3	VX0715MBL01	VX046989.D	15 Jul 2025 10:39	JC/MD	Ok
4	VX0715WBL01	VX046990.D	15 Jul 2025 11:00	JC/MD	Ok
5	VX0715WBS01	VX046991.D	15 Jul 2025 11:21	JC/MD	Ok,M
6	VX0715WBSD01	VX046992.D	15 Jul 2025 11:47	JC/MD	Ok,M
7	Q2578-01RE	VX046993.D	15 Jul 2025 12:08	JC/MD	Confirms
8	Q2578-05RE	VX046994.D	15 Jul 2025 12:30	JC/MD	Confirms
9	Q2578-09RE	VX046995.D	15 Jul 2025 12:51	JC/MD	Confirms
10	Q2578-13RE	VX046996.D	15 Jul 2025 13:12	JC/MD	Confirms
11	Q2578-17RE	VX046997.D	15 Jul 2025 13:33	JC/MD	Confirms
12	Q2579-01RE	VX046998.D	15 Jul 2025 13:54	JC/MD	Confirms
13	Q2579-05RE	VX046999.D	15 Jul 2025 14:16	JC/MD	Confirms
14	Q2565-01	VX047000.D	15 Jul 2025 14:37	JC/MD	Ok
15	Q2602-01	VX047001.D	15 Jul 2025 14:58	JC/MD	ReRun
16	Q2571-04	VX047002.D	15 Jul 2025 15:20	JC/MD	Ok,M
17	Q2571-08	VX047003.D	15 Jul 2025 15:41	JC/MD	Ok
18	Q2586-04	VX047004.D	15 Jul 2025 16:02	JC/MD	Ok,M
19	Q2561-07	VX047005.D	15 Jul 2025 16:24	JC/MD	Ok
20	PB168804TB	VX047006.D	15 Jul 2025 16:45	JC/MD	Ok,M
21	VX0715MBS01	VX047007.D	15 Jul 2025 17:06	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:45:00 PM		
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	VX0715MBSD01	VX047008.D	15 Jul 2025 17:27	JC/MD	Ok,M
23	Q2503-03ME	VX047009.D	15 Jul 2025 17:49	JC/MD	Ok
24	Q2503-04ME	VX047010.D	15 Jul 2025 18:10	JC/MD	Ok
25	Q2600-03	VX047011.D	15 Jul 2025 18:31	JC/MD	Ok,M
26	Q2600-07	VX047012.D	15 Jul 2025 18:52	JC/MD	Ok,M
27	Q2600-11	VX047013.D	15 Jul 2025 19:13	JC/MD	Dilution
28	VSTDCCC050	VX047014.D	15 Jul 2025 19:34	JC/MD	Ok,M

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW063025

Review By	Mahesh Dadoda	Review On	7/1/2025 12:21:51 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	7/1/2025 12:24:32 PM		
SubDirectory	VW063025	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134578
Initial Calibration Stds	VP134581,VP134582,VP134583,VP134584,VP134585,VP134586
CCC	
Internal Standard/PEM	VP133934
ICV/I.BLK	VP134587
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031728.D	30 Jun 2025 08:56		SY/MD	Ok
2	VSTDICC005	VSTDICC005	VW031729.D	30 Jun 2025 09:54		SY/MD	Ok,M
3	VSTDICC010	VSTDICC010	VW031730.D	30 Jun 2025 10:15	8260-soil-method	SY/MD	Ok,M
4	VSTDICC020	VSTDICC020	VW031731.D	30 Jun 2025 10:58		SY/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VW031732.D	30 Jun 2025 11:21	Comp. #20 is on Quadratic Regression	SY/MD	Ok,M
6	VSTDICC100	VSTDICC100	VW031733.D	30 Jun 2025 12:34		SY/MD	Ok,M
7	VSTDICC150	VSTDICC150	VW031734.D	30 Jun 2025 12:55		SY/MD	Ok,M
8	VIBLK	VIBLK	VW031735.D	30 Jun 2025 14:11		SY/MD	Ok
9	VSTDICV050	ICVVW063025	VW031736.D	30 Jun 2025 15:23		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071425

Review By	Semsettin Yesilyurt	Review On	7/15/2025 3:30:06 PM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:42:51 PM		
SubDirectory	VW071425	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134754
Initial Calibration Stds	
CCC	VP134755,VP134756
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VW031835.D	14 Jul 2025 08:45		SY/MD	Ok
2	VSTDCCC050	VSTDCCC050	VW031836.D	14 Jul 2025 09:17		SY/MD	Ok,M
3	VW0714SBL01	VW0714SBL01	VW031837.D	14 Jul 2025 09:46		SY/MD	Ok
4	VW0714SBS01	VW0714SBS01	VW031838.D	14 Jul 2025 10:14		SY/MD	Ok,M
5	VW0714SBSD01	VW0714SBSD01	VW031839.D	14 Jul 2025 10:36		SY/MD	Ok,M
6	Q2503-03	GCAP2	VW031840.D	14 Jul 2025 11:16	Need MeOH,vial-A	SY/MD	Dilution
7	Q2503-04	GCAP3	VW031841.D	14 Jul 2025 11:38	Need MeOH,vial-A	SY/MD	Dilution
8	Q2503-03	GCAP2	VW031842.D	14 Jul 2025 12:00	Already Analyzed,vial B	SY/MD	Not Ok
9	Q2503-04	GCAP3	VW031843.D	14 Jul 2025 12:22	Already Analyzed,vial B	SY/MD	Not Ok
10	Q2560-03	LP-7102025-VOC	VW031844.D	14 Jul 2025 12:45	vial B	SY/MD	Ok
11	Q2592-01	WC-SOIL-20250711	VW031845.D	14 Jul 2025 13:07	vial A	SY/MD	Ok
12	Q2590-01	NB-7-071125	VW031846.D	14 Jul 2025 13:29	vial A	SY/MD	Ok
13	Q2586-03	TP-16-VOC	VW031847.D	14 Jul 2025 13:51	vial A	SY/MD	Ok
14	Q2589-01	AU-06-071125	VW031848.D	14 Jul 2025 14:13	vial A	SY/MD	Ok
15	Q2559-01	500-3B CONCRETE CH	VW031849.D	14 Jul 2025 14:36	Surrogate Fail,vial A	SY/MD	ReRun
16	Q2597-01	CHRT-26899	VW031850.D	14 Jul 2025 15:30	vial A	SY/MD	Ok
17	Q2598-01	OK-01-071425	VW031851.D	14 Jul 2025 15:52	vial A	SY/MD	Ok
18	VIBLK	VIBLK	VW031852.D	14 Jul 2025 16:14		SY/MD	Ok

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Instrument ID: MSVOA_W

Daily Analysis Runlog For Sequence/QCBatch ID # VW071425

Review By	Semsettin Yesilyurt	Review On	7/15/2025 3:30:06 PM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:42:51 PM		
SubDirectory	VW071425	HP Acquire Method	MSVOA_W	HP Processing Method	82w063025s.m

STD. NAME	STD REF.#
Tune/Reschk	VP134754
Initial Calibration Stds	
CCC	VP134755,VP134756
Internal Standard/PEM	VP133934
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	VSTDCCC050	VSTDCCC050EC	VW031853.D	14 Jul 2025 16:37		SY/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070225

Review By	John Carlone	Review On	7/3/2025 8:44:30 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/3/2025 3:09:59 PM		
SubDirectory	VX070225	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134642
Initial Calibration Stds	VP134633,VP134634,VP134635,VP134638,VP134639,VP134640
CCC	
Internal Standard/PEM	
ICV/I.BLK	VP134641
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046859.D	02 Jul 2025 11:12		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046860.D	02 Jul 2025 12:11		JC/MD	Ok,M
3	VSTDICC005	VSTDICC005	VX046861.D	02 Jul 2025 12:37	%D Failed for com.#13 in 5 ppb	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046862.D	02 Jul 2025 13:18		JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046863.D	02 Jul 2025 13:39	LR-13	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046864.D	02 Jul 2025 14:10		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046865.D	02 Jul 2025 14:31		JC/MD	Ok,M
8	VIBLK	VIBLK	VX046866.D	02 Jul 2025 14:53		JC/MD	Ok
9	VSTDICV050	ICVVX070225	VX046867.D	02 Jul 2025 15:14		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046868.D	03 Jul 2025 07:52		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046869.D	03 Jul 2025 08:19	pH#Lot#V12668	JC/MD	Ok,M
3	VX0703MBL01	VX0703MBL01	VX046870.D	03 Jul 2025 08:42		JC/MD	Ok
4	VX0703WBL01	VX0703WBL01	VX046871.D	03 Jul 2025 09:09		JC/MD	Ok
5	Q2458-10	FB-06272025	VX046872.D	03 Jul 2025 09:35	vial A pH<2 FB	JC/MD	Ok
6	VX0703WBS01	VX0703WBS01	VX046873.D	03 Jul 2025 09:56		JC/MD	Ok,M
7	VX0703WBSD01	VX0703WBSD01	VX046874.D	03 Jul 2025 10:23		JC/MD	Ok,M
8	Q2455-01	MW1	VX046875.D	03 Jul 2025 10:44	vial A pH<2	JC/MD	Ok,M
9	Q2455-03	MW10	VX046876.D	03 Jul 2025 11:04	vial A pH<2	JC/MD	Ok,M
10	Q2455-02	MW3	VX046877.D	03 Jul 2025 11:25	vial A pH<2	JC/MD	Ok
11	Q2455-04	FIELD-BLANK	VX046878.D	03 Jul 2025 11:46	vial A pH<2 FB	JC/MD	Ok
12	Q2447-07ME	LAW-25-0100ME	VX046879.D	03 Jul 2025 12:07		JC/MD	Ok
13	VX0703MBS01	VX0703MBS01	VX046880.D	03 Jul 2025 12:27		JC/MD	Ok,M
14	IBLK	IBLK	VX046881.D	03 Jul 2025 12:53		JC/MD	Ok
15	Q2501-01	STORAGE-BLANK-SO	VX046882.D	03 Jul 2025 13:13	vial A pH<2	JC/MD	Ok
16	Q2501-02	STORAGE-BLANK-WA	VX046883.D	03 Jul 2025 13:34	vial A pH<2	JC/MD	Ok
17	Q2501-03	STORAGE-BLANK-WA	VX046884.D	03 Jul 2025 13:55	vial A pH<2	JC/MD	Ok
18	Q2501-04	STORAGE-BLANK-SA	VX046885.D	03 Jul 2025 14:16	vial A pH<2	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX070325

Review By	John Carlone	Review On	7/7/2025 9:19:20 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/7/2025 2:14:03 PM		
SubDirectory	VX070325	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134621
Initial Calibration Stds	
CCC	VP134622,VP134623
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2503-01	GCAP2W	VX046886.D	03 Jul 2025 14:37	vial A pH<2	JC/MD	Ok
20	Q2503-02	GCAP3W	VX046887.D	03 Jul 2025 14:58	vial A pH<2	JC/MD	Ok
21	Q2465-02	62025-B	VX046888.D	03 Jul 2025 15:19	vial A pH<2 oily dark sample	JC/MD	Ok,M
22	Q2509-01	AUD-25-0110-0111	VX046889.D	03 Jul 2025 15:40	vial A pH<2 turbid sample	JC/MD	Ok
23	VSTDCCC050	VSTDCCC050EC	VX046890.D	03 Jul 2025 16:03		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:45:00 PM		
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046987.D	15 Jul 2025 08:29		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046988.D	15 Jul 2025 10:18	CCC fail High com. #25	JC/MD	Ok,M
3	VX0715MBL01	VX0715MBL01	VX046989.D	15 Jul 2025 10:39		JC/MD	Ok
4	VX0715WBL01	VX0715WBL01	VX046990.D	15 Jul 2025 11:00		JC/MD	Ok
5	VX0715WBS01	VX0715WBS01	VX046991.D	15 Jul 2025 11:21		JC/MD	Ok,M
6	VX0715WBSD01	VX0715WBSD01	VX046992.D	15 Jul 2025 11:47		JC/MD	Ok,M
7	Q2578-01RE	WC-A5-01-GRE	VX046993.D	15 Jul 2025 12:08	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
8	Q2578-05RE	WC-A2-09-GRE	VX046994.D	15 Jul 2025 12:30	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
9	Q2578-09RE	WC-A2-10-GRE	VX046995.D	15 Jul 2025 12:51	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
10	Q2578-13RE	WC-A2-11-GRE	VX046996.D	15 Jul 2025 13:12	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
11	Q2578-17RE	WC-A2-12-GRE	VX046997.D	15 Jul 2025 13:33	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
12	Q2579-01RE	WC-A2-13-GRE	VX046998.D	15 Jul 2025 13:54	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
13	Q2579-05RE	WC-A2-14-GRE	VX046999.D	15 Jul 2025 14:16	vial B pH#5.0 Surrogate Fail	JC/MD	Confirms
14	Q2565-01	MOO-25-0192-0193	VX047000.D	15 Jul 2025 14:37	vial A pH<2 foamy sample	JC/MD	Ok
15	Q2602-01	FRAC-TANK-266380	VX047001.D	15 Jul 2025 14:58	vial A pH<2 CCC Failed High,BS,BSD Failed High	JC/MD	ReRun
16	Q2571-04	TP-18	VX047002.D	15 Jul 2025 15:20	vial A pH#5.0	JC/MD	Ok,M
17	Q2571-08	TP-17	VX047003.D	15 Jul 2025 15:41	vial A pH#5.0	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX071525

Review By	John Carlone	Review On	7/16/2025 8:51:22 AM		
Supervise By	Mahesh Dadoda	Supervise On	7/16/2025 1:45:00 PM		
SubDirectory	VX071525	HP Acquire Method		HP Processing Method	82X070225W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134768
Initial Calibration Stds	
CCC	VP134769,VP134770
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2586-04	TP-16	VX047004.D	15 Jul 2025 16:02	vial A pH#5.0	JC/MD	Ok,M
19	Q2561-07	AUD-25-0117	VX047005.D	15 Jul 2025 16:24	vial A pH#5.0	JC/MD	Ok
20	PB168804TB	PB168804TB	VX047006.D	15 Jul 2025 16:45		JC/MD	Ok,M
21	VX0715MBS01	VX0715MBS01	VX047007.D	15 Jul 2025 17:06		JC/MD	Ok,M
22	VX0715MBSD01	VX0715MBSD01	VX047008.D	15 Jul 2025 17:27		JC/MD	Ok,M
23	Q2503-03ME	GCAP2ME	VX047009.D	15 Jul 2025 17:49		JC/MD	Ok
24	Q2503-04ME	GCAP3ME	VX047010.D	15 Jul 2025 18:10		JC/MD	Ok
25	Q2600-03	TRENCH	VX047011.D	15 Jul 2025 18:31		JC/MD	Ok,M
26	Q2600-07	STOCK-PILE	VX047012.D	15 Jul 2025 18:52		JC/MD	Ok,M
27	Q2600-11	END-OF-TRENCH	VX047013.D	15 Jul 2025 19:13	Need 20X	JC/MD	Dilution
28	VSTDCCC050	VSTDCCC050EC	VX047014.D	15 Jul 2025 19:34		JC/MD	Ok,M

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LAB CHRONICLE

OrderID:	Q2503	**OrderDate:**	7/3/2025 11:38:00 AM
Client:	G Environmental	**Project:**	Capra
Contact:	Gary Landis	**Location:**	--Select--,O11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2503-01	**GCAP2W**	**Water**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/03/25	
Q2503-02	**GCAP3W**	**Water**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/03/25	
Q2503-03	**GCAP2**	**SOIL**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/14/25	
Q2503-03ME	**GCAP2ME**	**SOIL**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/15/25	
Q2503-04	**GCAP3**	**SOIL**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/14/25	
Q2503-04ME	**GCAP3ME**	**SOIL**			**07/02/25**			**07/03/25**
			VOC-TCLVOA-10	8260D			07/15/25	