

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122023\
 Data File : VW027807.D
 Acq On : 20 Dec 2023 13:56
 Operator : SY/MD
 Sample : 05869-05RE
 Misc : 4.29g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 23:16:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

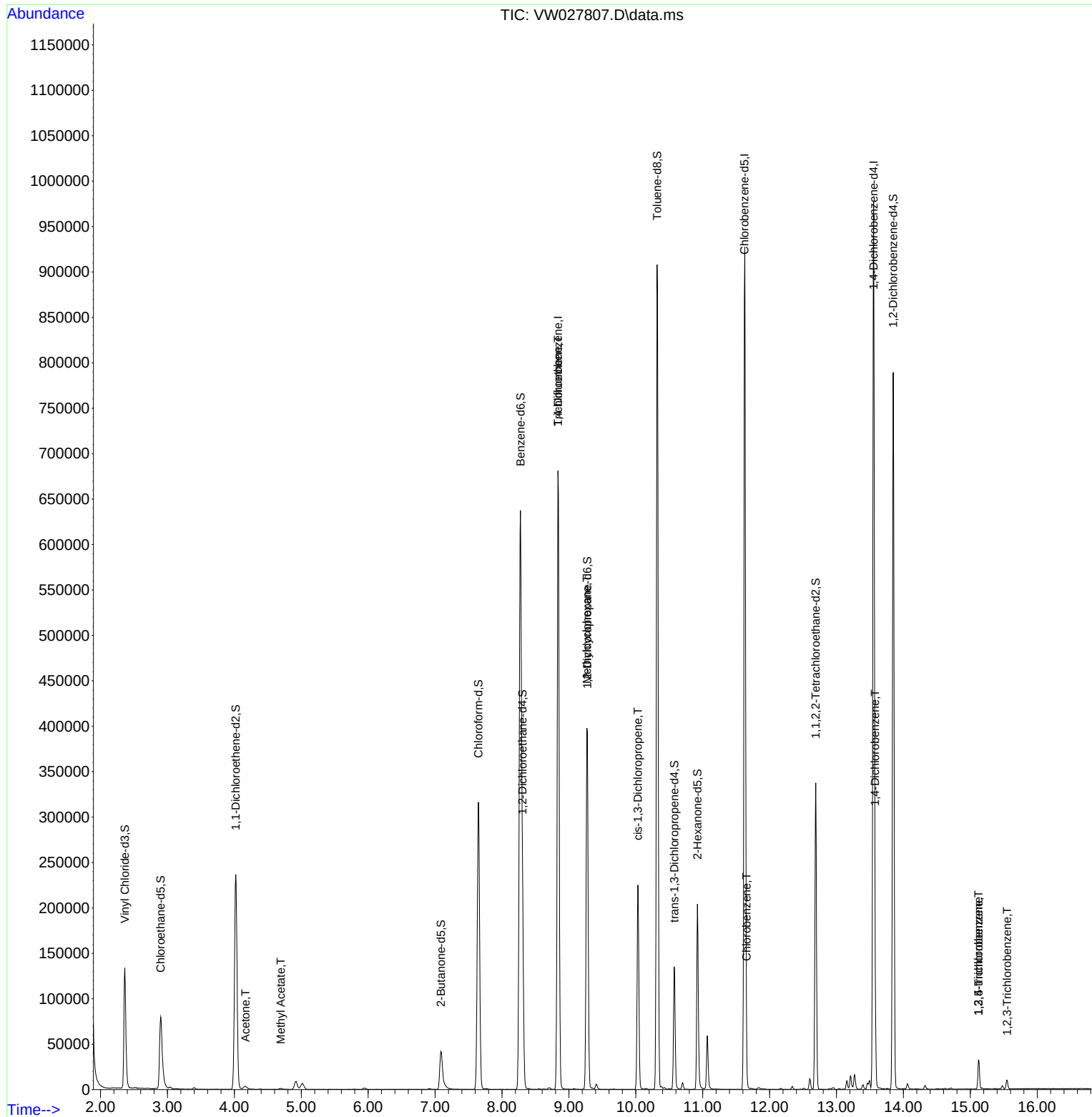
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	622321	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	561269	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	277208	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	169991	19.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.160%
7) Chloroethane-d5	2.899	69	133625	19.473	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.880%
11) 1,1-Dichloroethene-d2	4.021	65	71610	20.287	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.160%
21) 2-Butanone-d5	7.088	46	74723	49.789	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.580%
24) Chloroform-d	7.648	84	338992	22.892	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.560%
26) 1,2-Dichloroethane-d4	8.307	65	159836	22.988	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.960%
32) Benzene-d6	8.276	84	712648	21.725	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.920%
36) 1,2-Dichloropropane-d6	9.276	67	204876	22.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.200%
41) Toluene-d8	10.319	98	646795	21.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	10.575	79	79037	21.967	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.880%
47) 2-Hexanone-d5	10.922	63	74738	55.187	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	172000	24.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	216759	21.844	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.360%
Target Compounds						Qvalue
13) Acetone	4.167	43	7620	5.593	ug/L	99
15) Methyl Acetate	4.692	43	2071	0.841	ug/L #	89
34) Trichloroethene	8.837	95	17622	1.987	ug/L #	3
35) Methylcyclohexane	9.270	83	51018	3.189	ug/L #	22
39) cis-1,3-Dichloropropene	10.032	75	5347	0.447	ug/L #	74
51) Chlorobenzene	11.654	112	8908	0.398	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	48617	2.863	ug/L	98
69) 1,3,5-Trichlorobenzene	15.123	180	11059	0.940	ug/L	94
70) 1,2,4-trichlorobenzene	15.123	180	11059	1.145	ug/L	90
72) 1,2,3-Trichlorobenzene	15.549	180	3793	0.470	ug/L	98

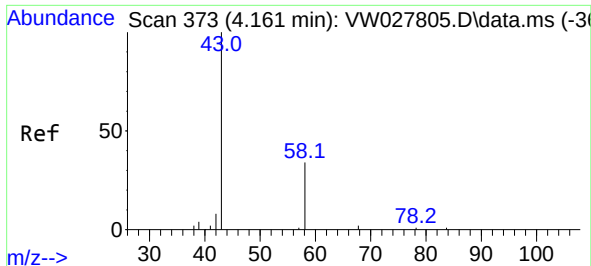
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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Quant Time: Dec 20 23:16:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
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Response via : Initial Calibration

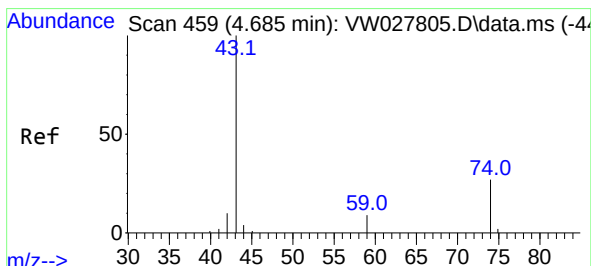
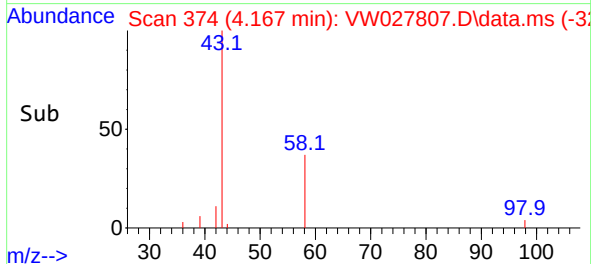
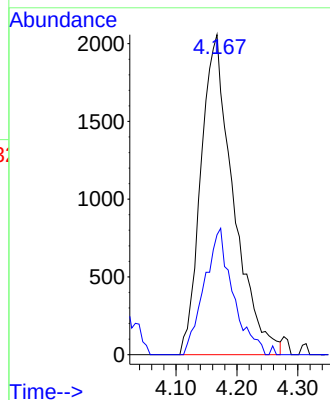
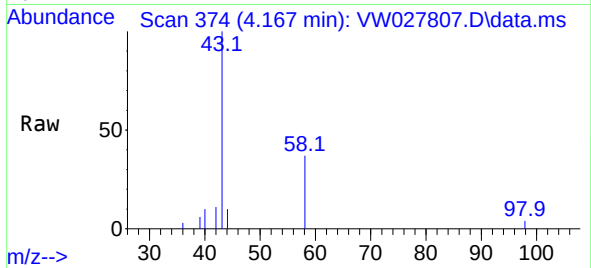




#13
Acetone
Concen: 5.593 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.018 min
Lab File: VW027807.D
Acq: 20 Dec 2023 13:56

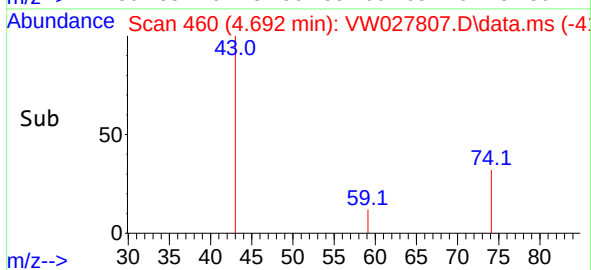
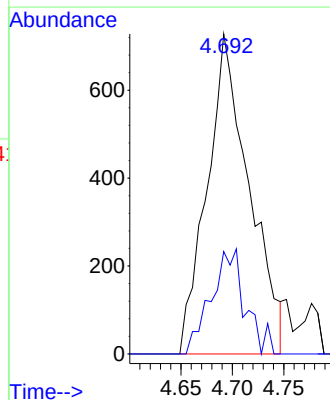
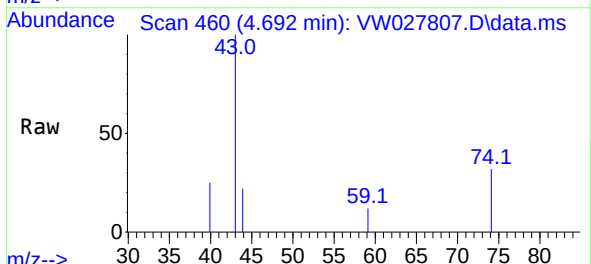
Instrument :
MSVOA_W
ClientSampleId :

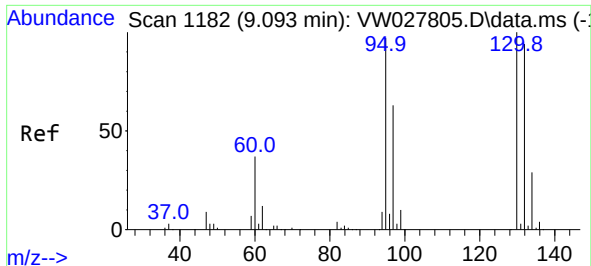
Tgt Ion: 43 Resp: 7620
Ion Ratio Lower Upper
43 100
58 34.7 0.0 68.6



#15
Methyl Acetate
Concen: 0.841 ug/L
RT: 4.692 min Scan# 460
Delta R.T. -0.006 min
Lab File: VW027807.D
Acq: 20 Dec 2023 13:56

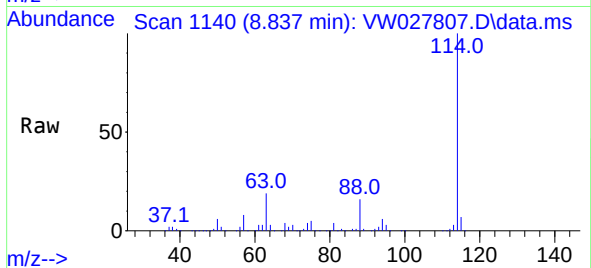
Tgt Ion: 43 Resp: 2071
Ion Ratio Lower Upper
43 100
74 22.0 22.1 33.1#





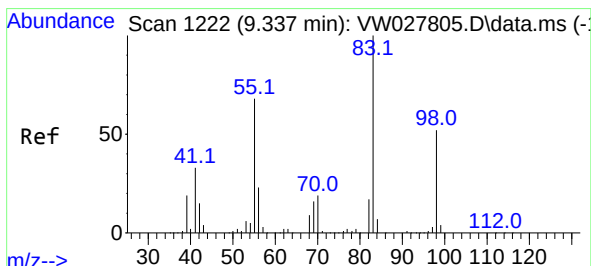
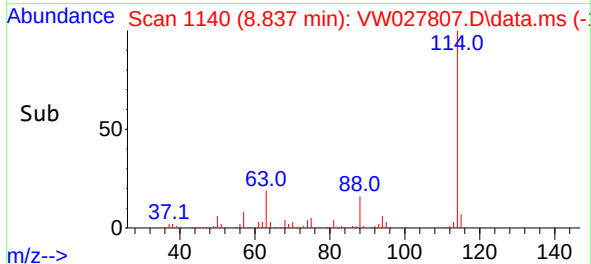
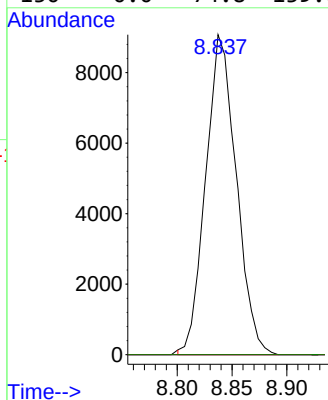
#34
Trichloroethene
Concen: 1.987 ug/L
RT: 8.837 min Scan# 1182
Delta R.T. -0.250 min
Lab File: VW027807.D
Acq: 20 Dec 2023 13:56

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 17622

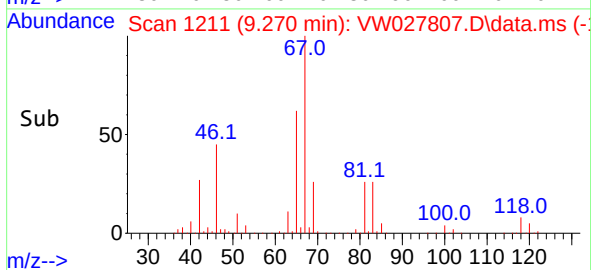
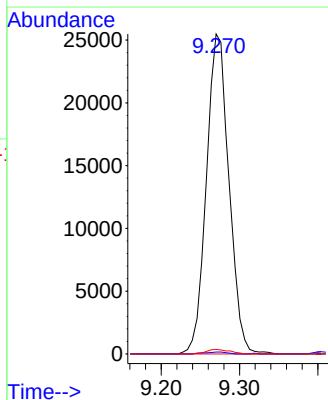
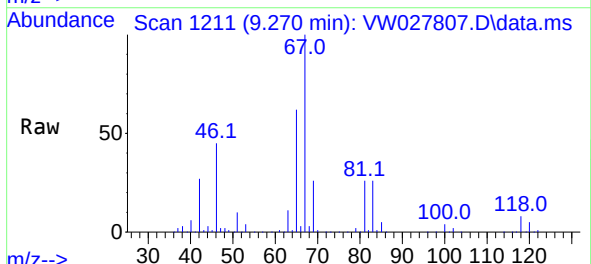
Ion	Ratio	Lower	Upper
95	100		
97	0.0	45.9	85.3#
132	0.0	70.4	130.8#
130	0.0	74.8	139.0#

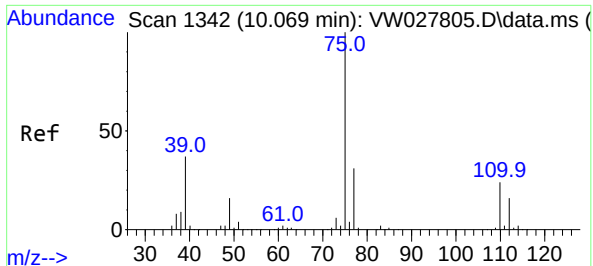


#35
Methylcyclohexane
Concen: 3.189 ug/L
RT: 9.270 min Scan# 1211
Delta R.T. -0.061 min
Lab File: VW027807.D
Acq: 20 Dec 2023 13:56

Tgt Ion: 83 Resp: 51018

Ion	Ratio	Lower	Upper
83	100		
55	0.6	55.1	82.7#
98	1.4	39.3	58.9#





#39

cis-1,3-Dichloropropene

Concen: 0.447 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW027807.D

Acq: 20 Dec 2023 13:56

Instrument :

MSVOA_W

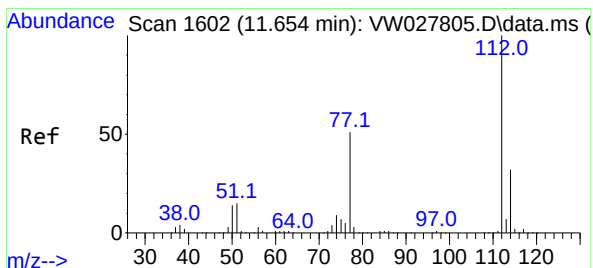
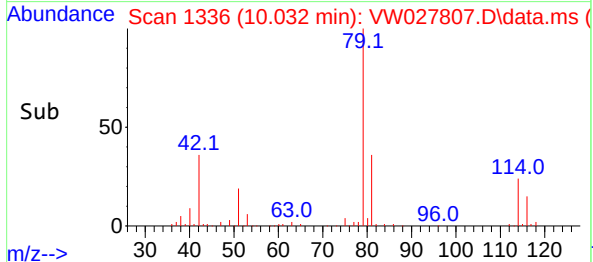
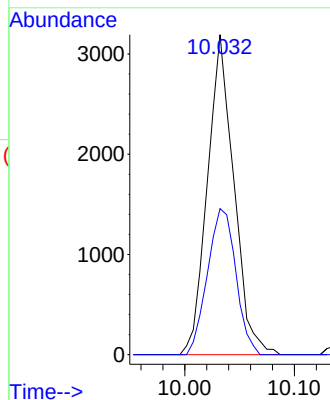
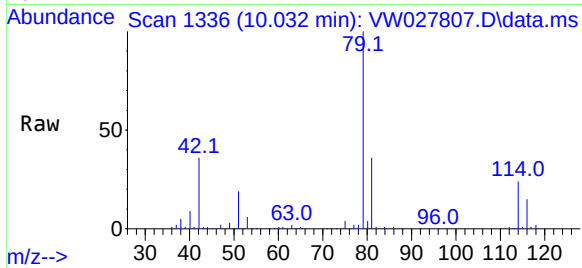
ClientSampleId :

Tgt Ion: 75 Resp: 5347

Ion Ratio Lower Upper

75 100

77 45.6 21.8 40.6#



#51

Chlorobenzene

Concen: 0.398 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027807.D

Acq: 20 Dec 2023 13:56

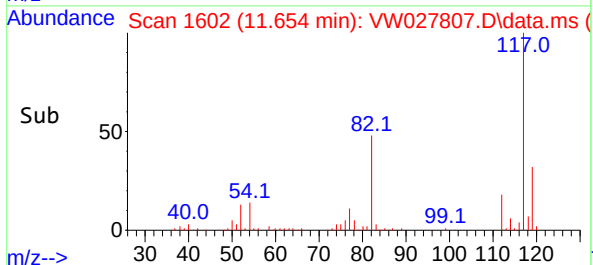
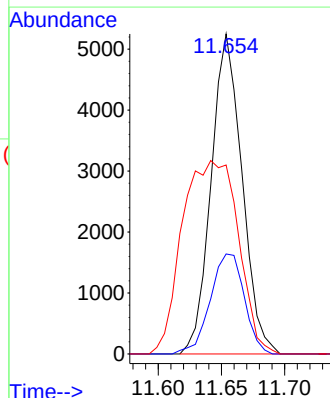
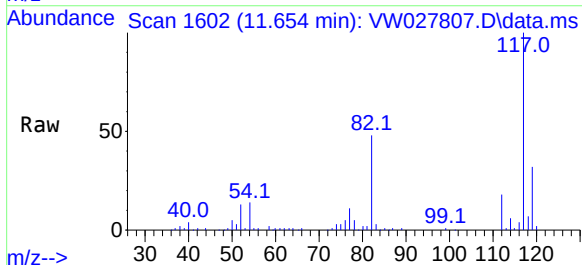
Tgt Ion: 112 Resp: 8908

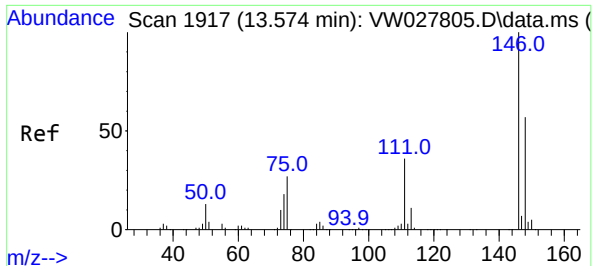
Ion Ratio Lower Upper

112 100

114 31.3 25.0 46.4

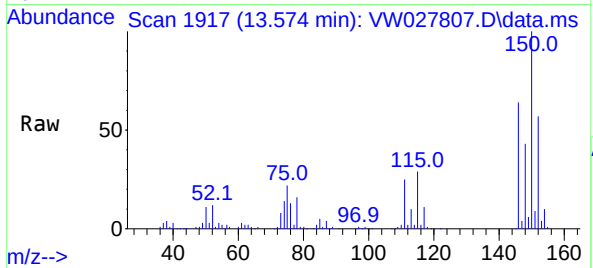
77 59.1 48.1 72.1



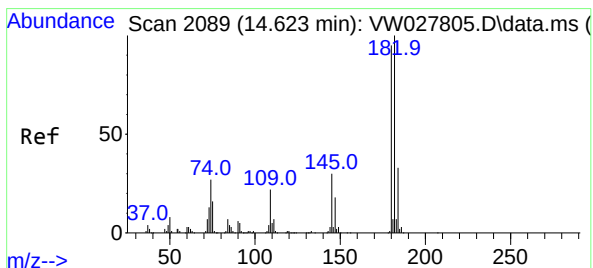
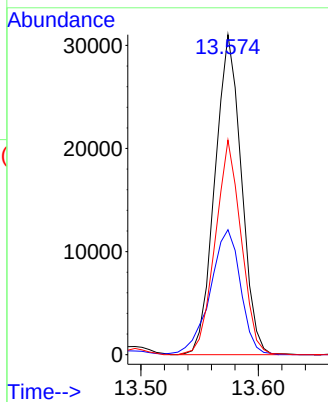
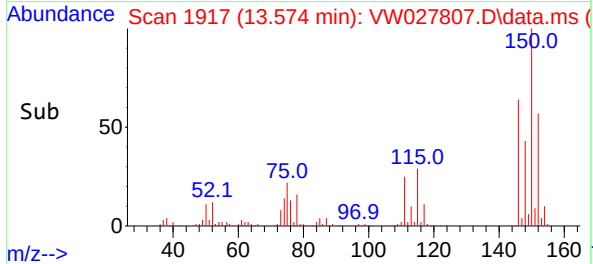


#65
1,4-Dichlorobenzene
Concen: 2.863 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027807.D
Acq: 20 Dec 2023 13:56

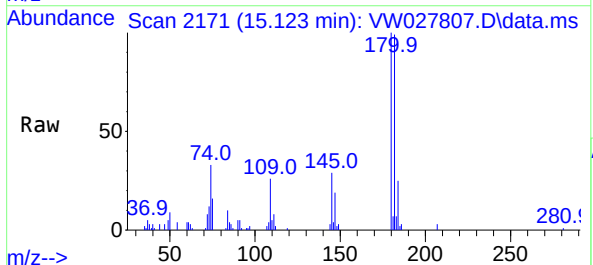
Instrument :
MSVOA_W
ClientSampleId :



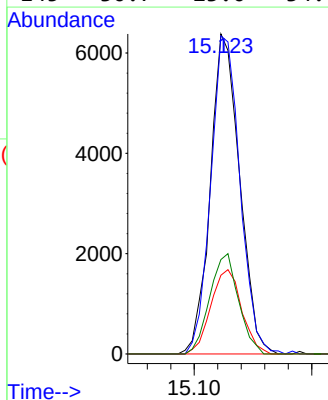
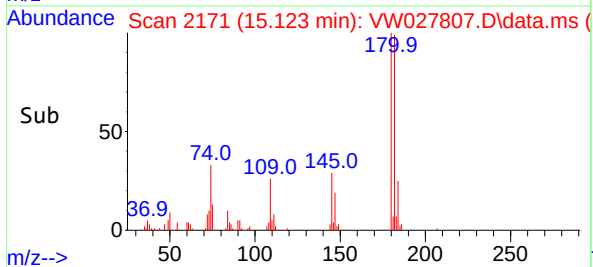
Tgt Ion:146 Resp: 48617
Ion Ratio Lower Upper
146 100
111 39.1 26.2 48.6
148 67.1 46.3 85.9

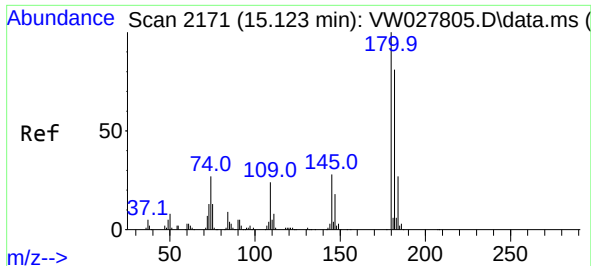


#69
1,3,5-Trichlorobenzene
Concen: 0.940 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.506 min
Lab File: VW027807.D
Acq: 20 Dec 2023 13:56



Tgt Ion:180 Resp: 11059
Ion Ratio Lower Upper
180 100
182 98.8 72.6 109.0
184 27.7 23.0 34.6
145 30.7 23.0 34.6

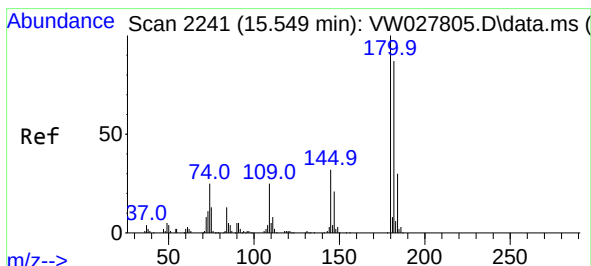
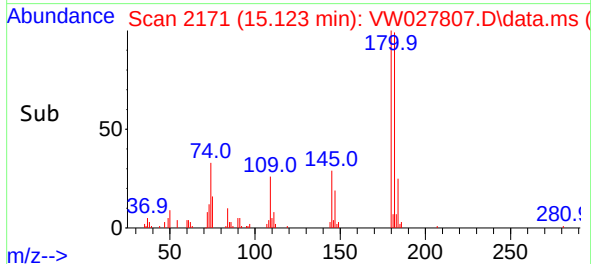
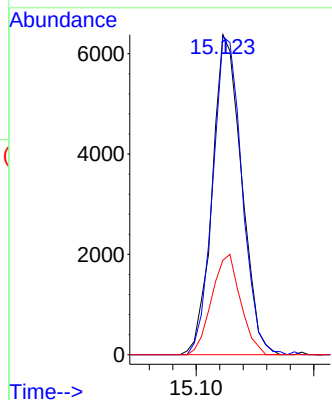
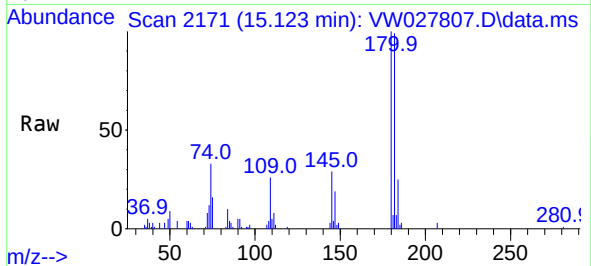




#70
1,2,4-trichlorobenzene
Concen: 1.145 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.006 min
Lab File: VW027807.D
Acq: 20 Dec 2023 13:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:180 Resp: 11059
Ion Ratio Lower Upper
180 100
182 98.8 69.7 104.5
145 30.7 24.1 36.1



#72
1,2,3-Trichlorobenzene
Concen: 0.470 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027807.D
Acq: 20 Dec 2023 13:56

Tgt Ion:180 Resp: 3793
Ion Ratio Lower Upper
180 100
182 93.2 75.5 113.3
145 29.3 25.0 37.6

