

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
 Data File : VW031513.D
 Acq On : 23 Dec 2024 17:34
 Operator : SY/MD
 Sample : P5322-19
 Misc : 6.17g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:19:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 24 00:12:57 2024
 Response via : Initial Calibration

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

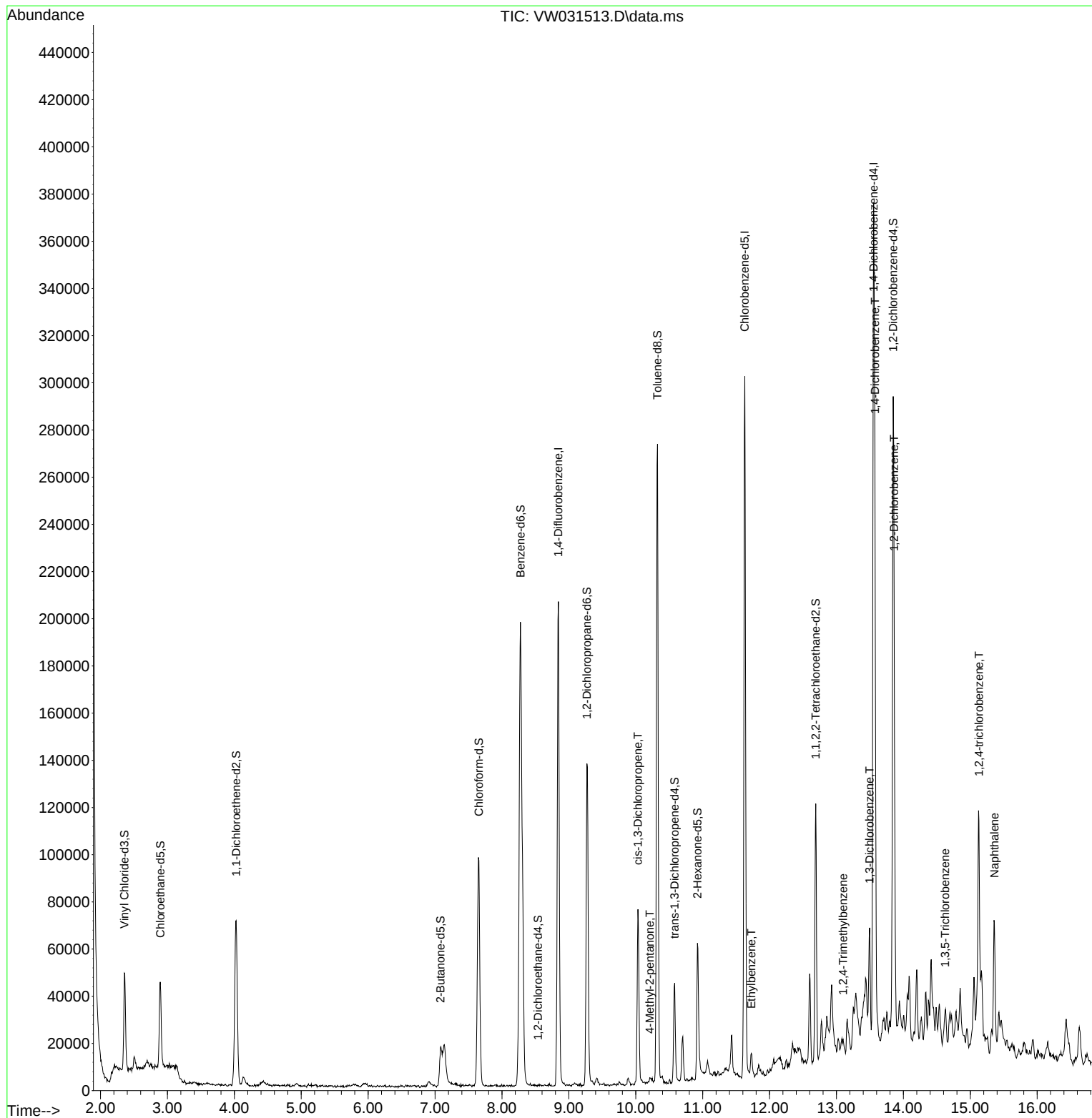
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	172925	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	163401	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	82715	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	46733	17.961	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.840%
7) Chloroethane-d5	2.893	69	42085	21.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.480%
11) 1,1-Dichloroethene-d2	4.027	65	21643	17.536	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.160%
21) 2-Butanone-d5	7.081	46	29487	60.178	ug/L	-0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.360%
24) Chloroform-d	7.655	84	99904	21.086	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.360%
26) 1,2-Dichloroethane-d4	8.539	65	100	0.042	ug/L	0.23
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.160%#
32) Benzene-d6	8.276	84	196030	18.718	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.880%
36) 1,2-Dichloropropane-d6	9.270	67	63461	20.791	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.160%
41) Toluene-d8	10.325	98	183344	18.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.280%
43) trans-1,3-Dichloroprop...	10.581	79	23807	16.915	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.680%
47) 2-Hexanone-d5	10.922	63	20182	49.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.340%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	53222	27.771	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.080%
66) 1,2-Dichlorobenzene-d4	13.849	152	64520	21.011	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.040%
Target Compounds						Qvalue
39) cis-1,3-Dichloropropene	10.032	75	2428	0.570	ug/L #	67
40) 4-Methyl-2-pentanone	10.209	43	1904	1.425	ug/L #	93
52) Ethylbenzene	11.727	91	6859	0.538	ug/L	99
63) 1,2,4-Trimethylbenzene	13.099	105	4449	0.401	ug/L	88
64) 1,3-Dichlorobenzene	13.495	146	17123	3.122	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	77817	14.321	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	17557	3.716	ug/L	98
69) 1,3,5-Trichlorobenzene	14.623	180	3086	0.803	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	28119	8.801	ug/L #	90
71) Naphthalene	15.360	128	51603	9.212	ug/L	98

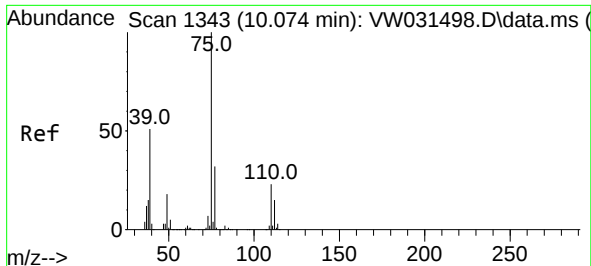
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122324\
Data File : VW031513.D
Acq On : 23 Dec 2024 17:34
Operator : SY/MD
Sample : P5322-19
Misc : 6.17g/10mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 24 00:19:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Dec 24 00:12:57 2024
Response via : Initial Calibration

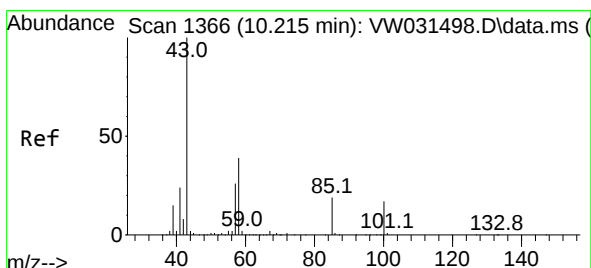
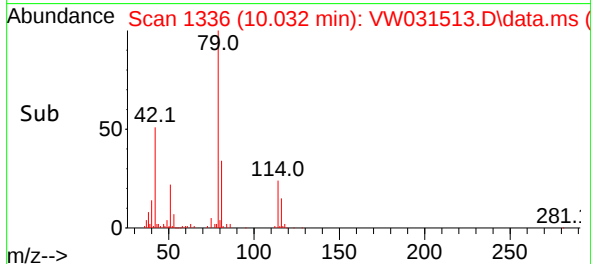
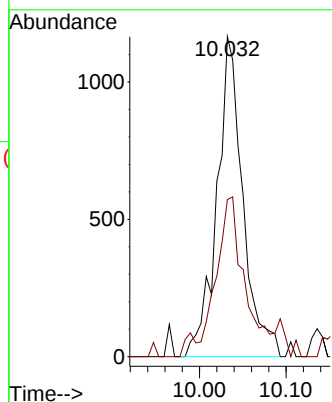
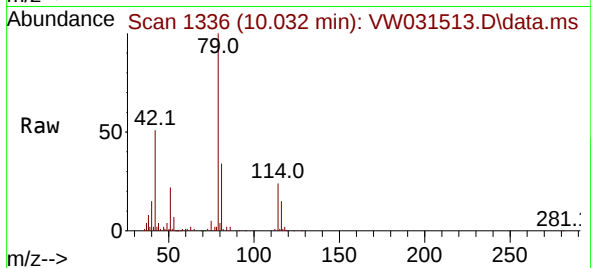




#39
cis-1,3-Dichloropropene
Concen: 0.570 ug/L
RT: 10.032 min Scan# 11
Delta R.T. -0.042 min
Lab File: VW031513.D
Acq: 23 Dec 2024 17:34

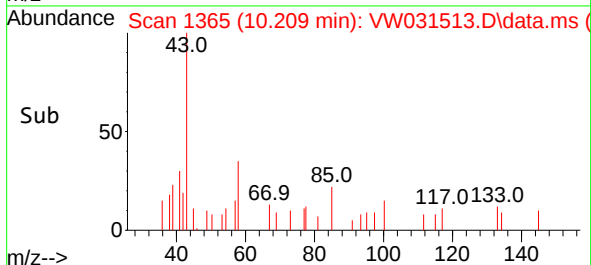
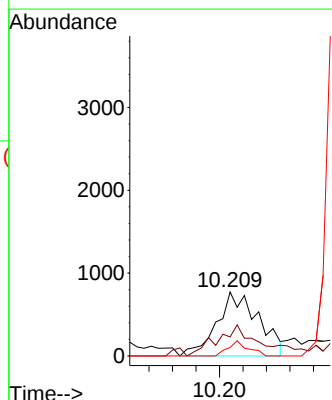
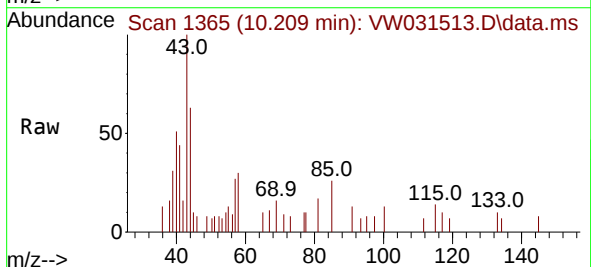
Instrument :
MSVOA_W
ClientSampleId :

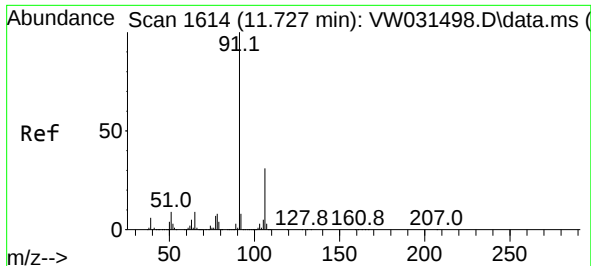
Tgt Ion: 75 Resp: 2428
Ion Ratio Lower Upper
75 100
77 49.1 21.8 40.4#



#40
4-Methyl-2-pentanone
Concen: 1.425 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.006 min
Lab File: VW031513.D
Acq: 23 Dec 2024 17:34

Tgt Ion: 43 Resp: 1904
Ion Ratio Lower Upper
43 100
58 42.2 31.1 46.7
100 11.4 13.0 19.6#

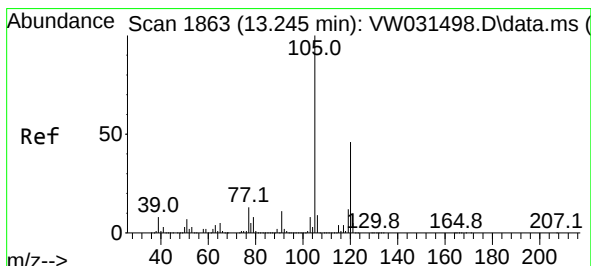
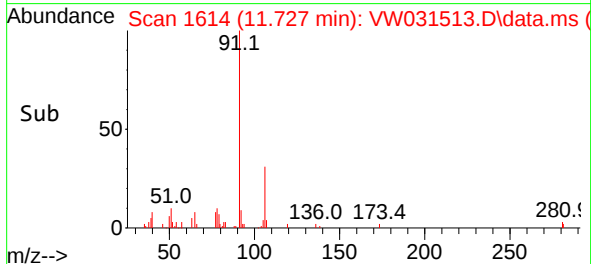
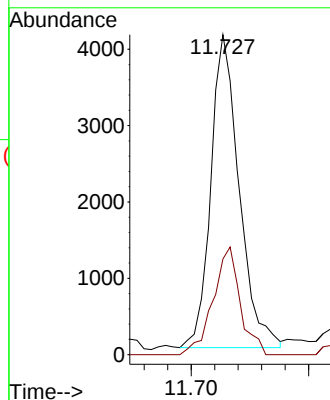
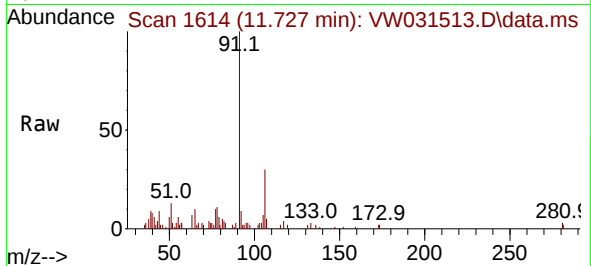




#52
Ethylbenzene
Concen: 0.538 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031513.D
Acq: 23 Dec 2024 17:34

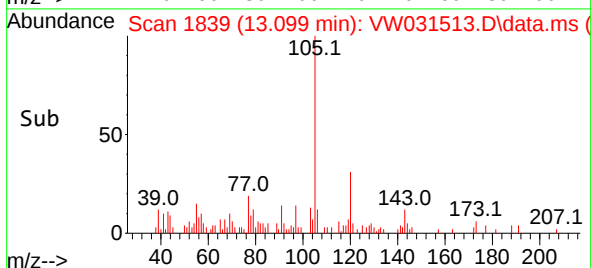
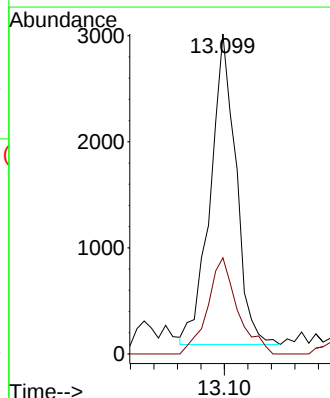
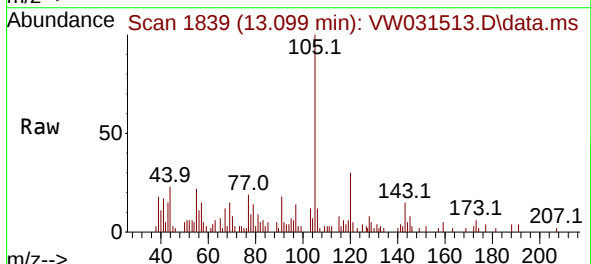
Instrument :
MSVOA_W
ClientSampleId :

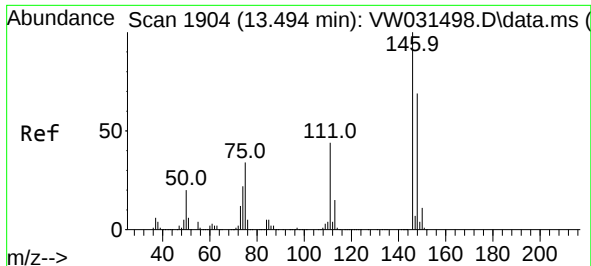
Tgt Ion: 91 Resp: 6859
Ion Ratio Lower Upper
91 100
106 29.9 20.7 38.5



#63
1,2,4-Trimethylbenzene
Concen: 0.401 ug/L
RT: 13.099 min Scan# 1839
Delta R.T. -0.146 min
Lab File: VW031513.D
Acq: 23 Dec 2024 17:34

Tgt Ion: 105 Resp: 4449
Ion Ratio Lower Upper
105 100
120 35.9 35.0 52.4

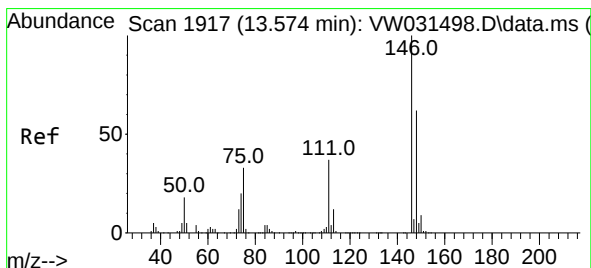
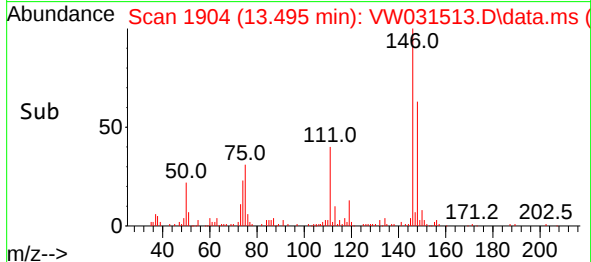
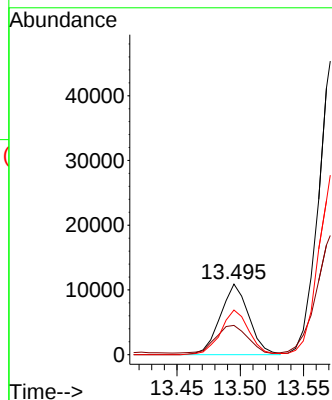
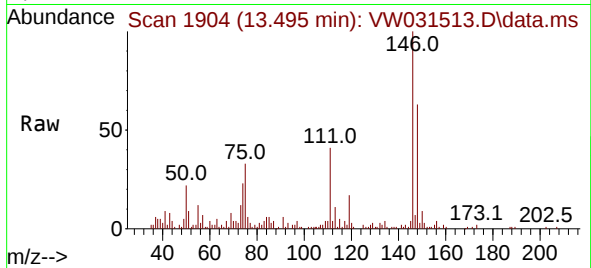




#64
1,3-Dichlorobenzene
Concen: 3.122 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW031513.D
Acq: 23 Dec 2024 17:34

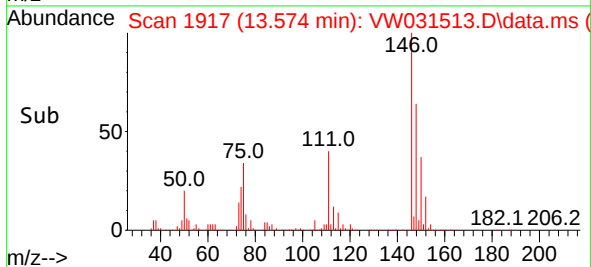
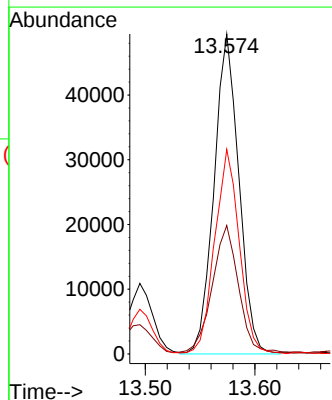
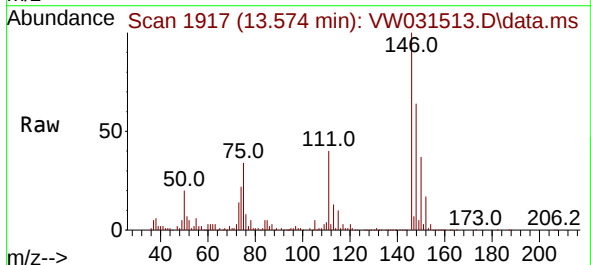
Instrument :
MSVOA_W
ClientSampleId :

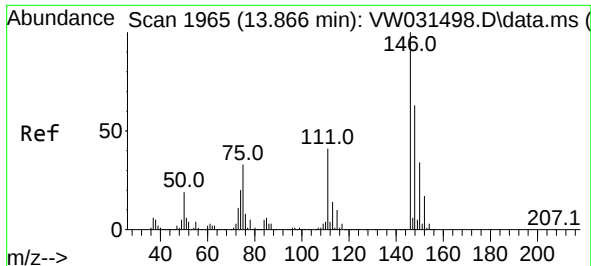
Tgt Ion:146 Resp: 17123
Ion Ratio Lower Upper
146 100
111 41.5 27.6 51.2
148 63.2 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 14.321 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.001 min
Lab File: VW031513.D
Acq: 23 Dec 2024 17:34

Tgt Ion:146 Resp: 77817
Ion Ratio Lower Upper
146 100
111 40.2 30.7 56.9
148 63.9 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 3.716 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031513.D

Acq: 23 Dec 2024 17:34

Instrument :

MSVOA_W

ClientSampleId :

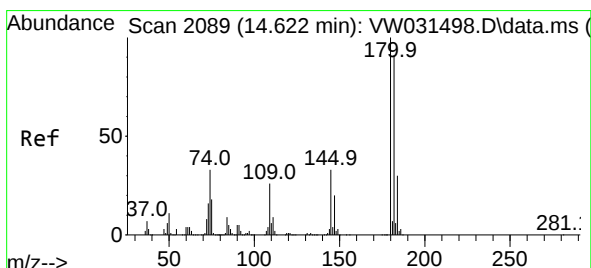
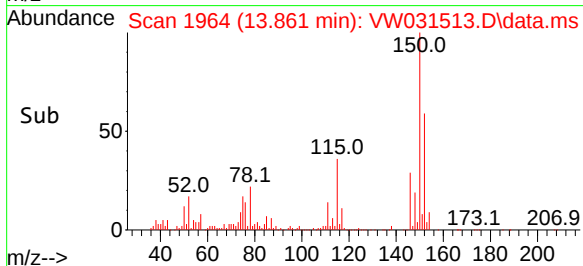
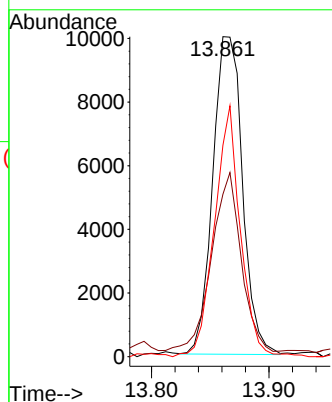
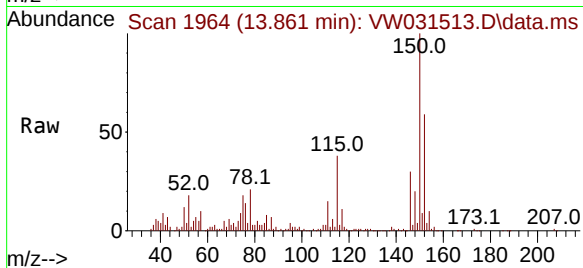
Tgt Ion:146 Resp: 17557

Ion Ratio Lower Upper

146 100

111 50.8 38.6 58.0

148 66.1 53.6 80.4



#69

1,3,5-Trichlorobenzene

Concen: 0.803 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW031513.D

Acq: 23 Dec 2024 17:34

Tgt Ion:180 Resp: 3086

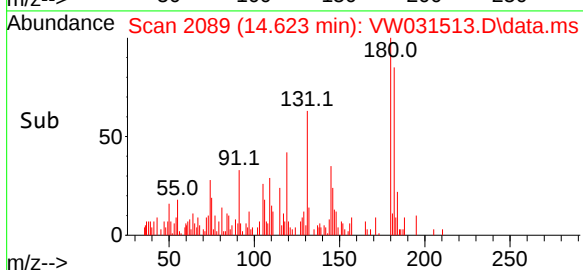
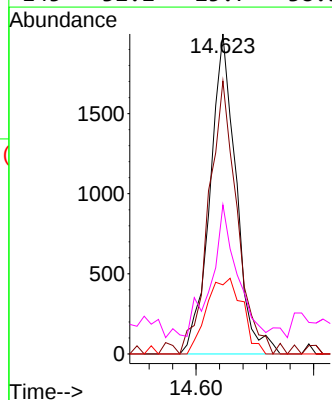
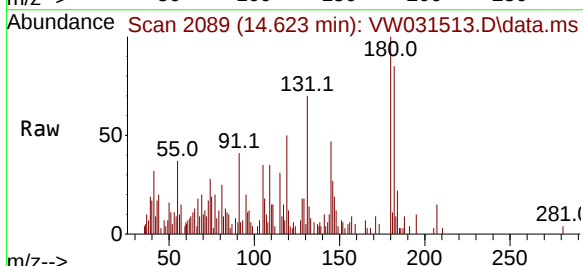
Ion Ratio Lower Upper

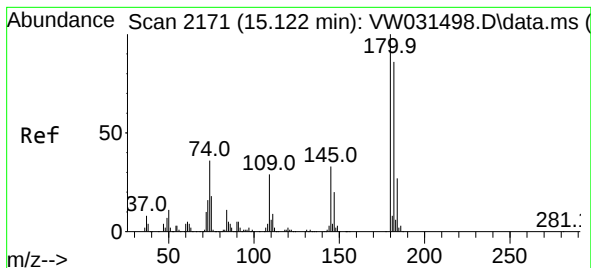
180 100

182 91.7 75.0 112.4

184 32.4 24.6 36.8

145 32.2 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 8.801 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.007 min

Lab File: VW031513.D

Acq: 23 Dec 2024 17:34

Instrument :

MSVOA_W

ClientSampleId :

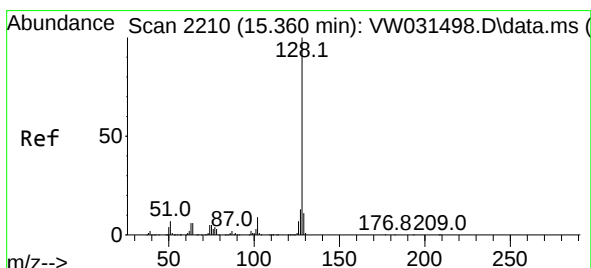
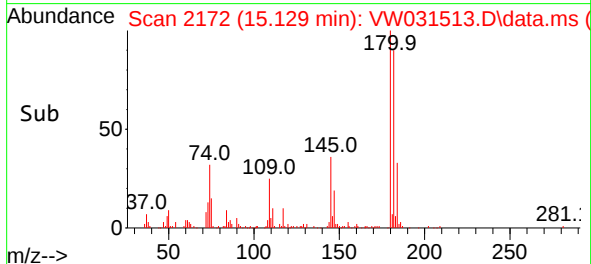
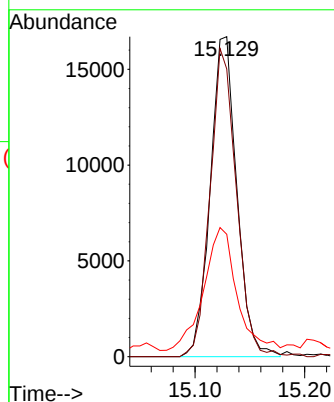
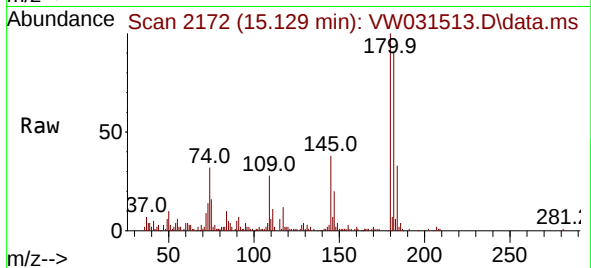
Tgt Ion:180 Resp: 28119

Ion Ratio Lower Upper

180 100

182 94.5 78.2 117.2

145 50.0 26.7 40.1#



#71

Naphthalene

Concen: 9.212 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW031513.D

Acq: 23 Dec 2024 17:34

Tgt Ion:128 Resp: 51603

Ion Ratio Lower Upper

128 100

127 12.3 10.7 16.1

129 10.6 8.6 13.0

