

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
 Data File : VW021478.D
 Acq On : 18 Dec 2021 15:54
 Operator : SY/VA
 Sample : M5154-06
 Misc : 5.70g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 23:12:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 18 00:55:20 2021
 Response via : Initial Calibration

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

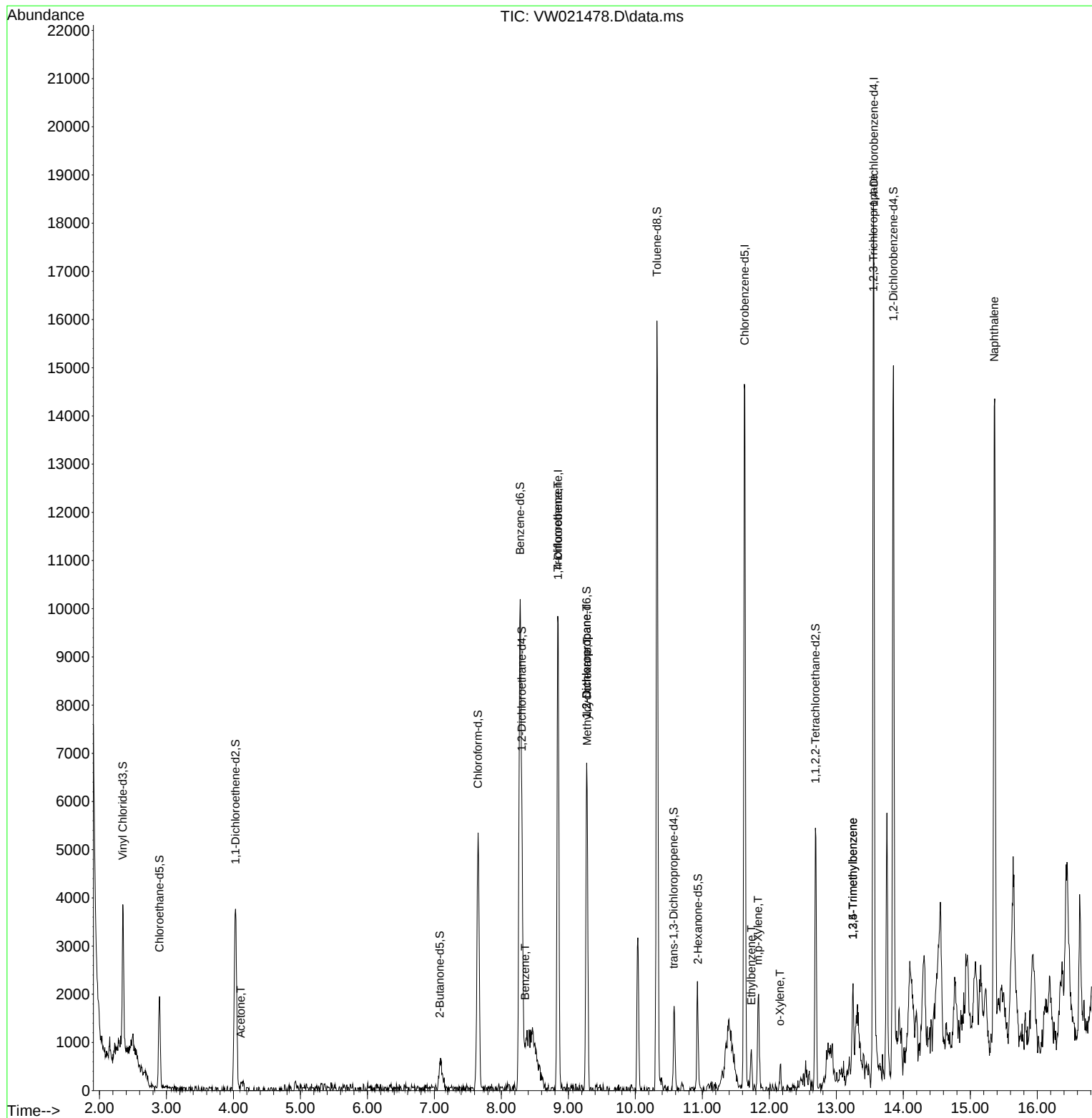
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	9007	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	9226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	5199	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	2865	17.465	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.880%		
7) Chloroethane-d5	2.897	69	2113	19.485	ug/L	0.02
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.920%		
11) 1,1-Dichloroethene-d2	4.031	63	3850	17.604	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.400%		
21) 2-Butanone-d5	7.080	46	1262	54.577	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	109.160%		
24) Chloroform-d	7.653	84	5489	21.868	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.480%		
26) 1,2-Dichloroethane-d4	8.305	65	3344	25.045	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.200%		
32) Benzene-d6	8.281	84	10978	21.708	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.840%		
36) 1,2-Dichloropropane-d6	9.274	67	3044	22.444	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.760%		
41) Toluene-d8	10.323	98	10790	20.882	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.520%		
43) trans-1,3-Dichloroprop...	10.573	79	1107	17.727	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.920%		
47) 2-Hexanone-d5	10.933	63	796	39.690	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery =	79.380%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	2552	21.889	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.560%		
66) 1,2-Dichlorobenzene-d4	13.853	152	4179	20.740	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	82.960%		
Target Compounds						Qvalue
13) Acetone	4.111	43	74	3.570	ug/L	# 49
33) Benzene	8.354	78	882	1.755	ug/L	100
34) Trichloroethene	8.842	95	163	1.155	ug/L	# 5
35) Methylcyclohexane	9.280	83	843	3.622	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	384	3.425	ug/L	# 88
52) Ethylbenzene	11.731	91	788	1.173	ug/L	98
53) m,p-Xylene	11.829	106	819	3.022	ug/L	# 59
54) o-Xylene	12.158	106	159	0.618	ug/L	# 47
61) 1,2,3-Trichloropropane	13.554	75	540	7.137	ug/L	# 65
62) 1,3,5-Trimethylbenzene	13.249	105	1268	2.109	ug/L	88
63) 1,2,4-Trimethylbenzene	13.249	105	1268	2.138	ug/L	92
71) Naphthalene	15.359	128	12928	39.724	ug/L	97

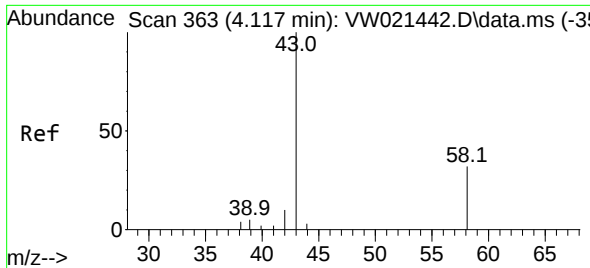
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121821\
Data File : VW021478.D
Acq On : 18 Dec 2021 15:54
Operator : SY/VA
Sample : M5154-06
Misc : 5.70g/10.0mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

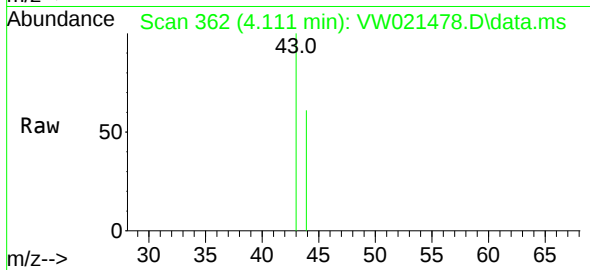
Quant Time: Dec 18 23:12:33 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 18 00:55:20 2021
Response via : Initial Calibration



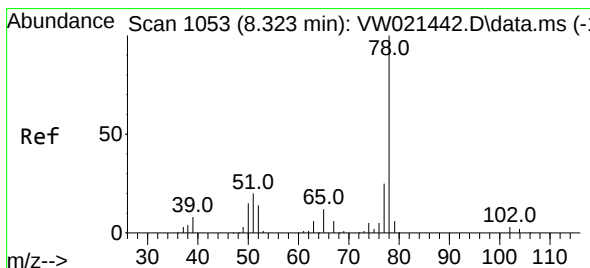
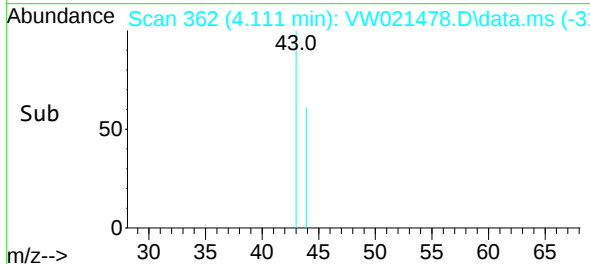
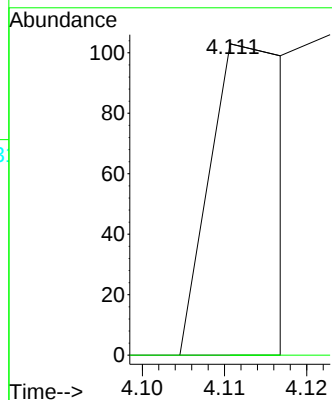


#13
Acetone
Concen: 3.570 ug/L
RT: 4.111 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW021478.D
Acq: 18 Dec 2021 15:54

Instrument :
MSVOA_W
ClientSampleId :

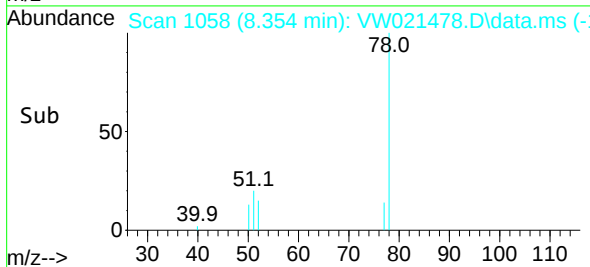
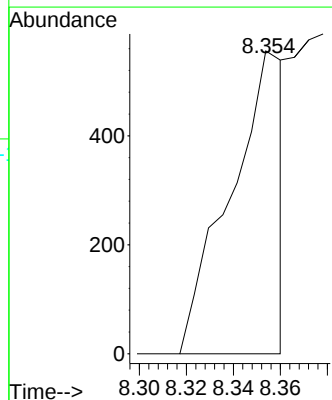
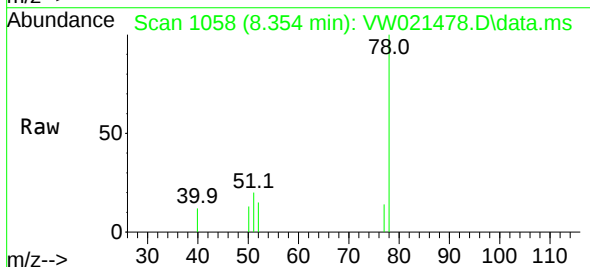


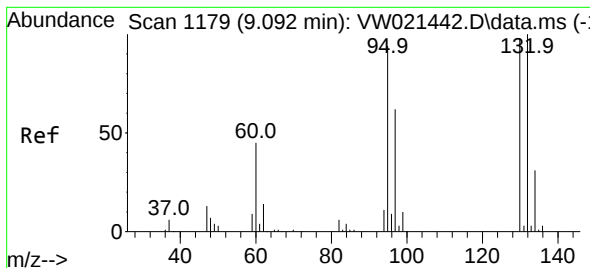
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 0.0 0.0 52.8



#33
Benzene
Concen: 1.755 ug/L
RT: 8.354 min Scan# 1058
Delta R.T. 0.030 min
Lab File: VW021478.D
Acq: 18 Dec 2021 15:54

Tgt Ion: 78 Resp: 882





#34

Trichloroethene

Concen: 1.155 ug/L

RT: 8.842 min Scan# 1179

Delta R.T. -0.250 min

Lab File: VW021478.D

Acq: 18 Dec 2021 15:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 163

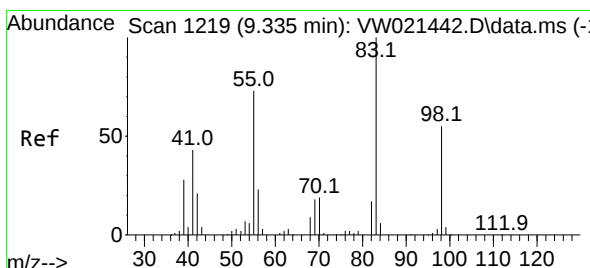
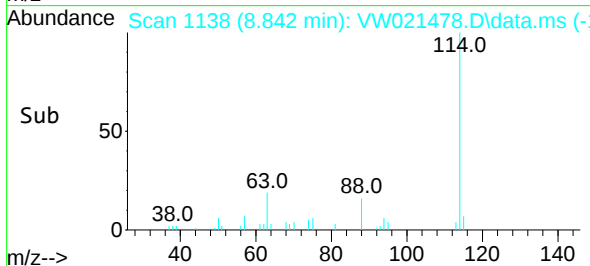
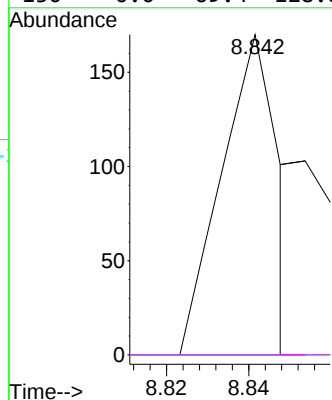
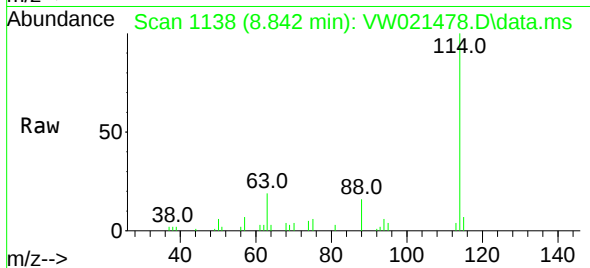
Ion Ratio Lower Upper

95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#



#35

Methylcyclohexane

Concen: 3.622 ug/L

RT: 9.280 min Scan# 1210

Delta R.T. -0.055 min

Lab File: VW021478.D

Acq: 18 Dec 2021 15:54

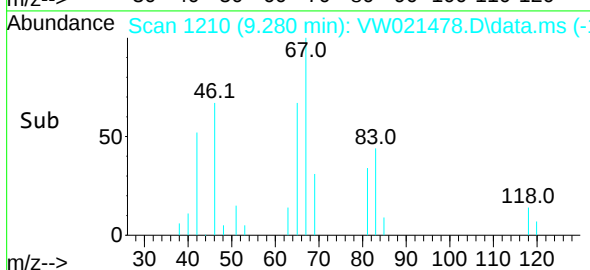
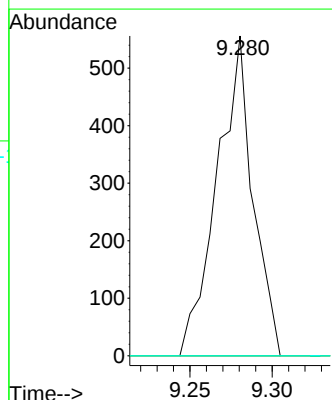
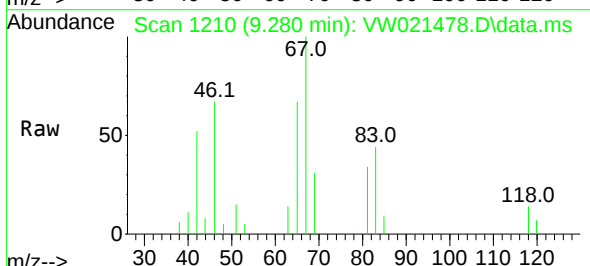
Tgt Ion: 83 Resp: 843

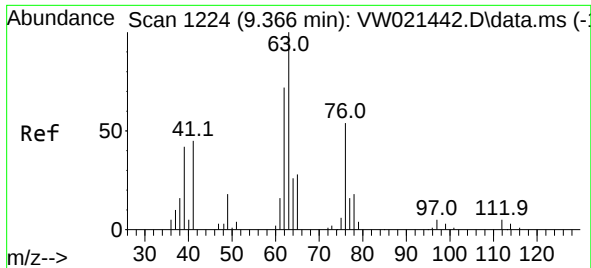
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 3.425 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021478.D

Acq: 18 Dec 2021 15:54

Instrument :

MSVOA_W

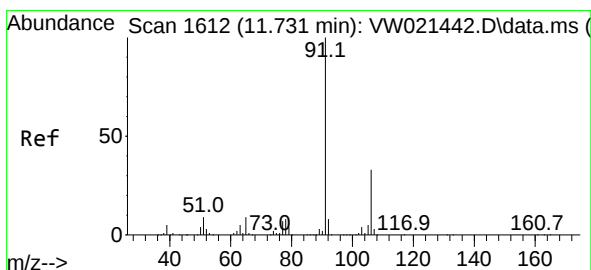
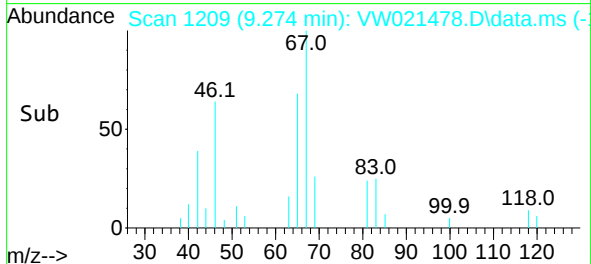
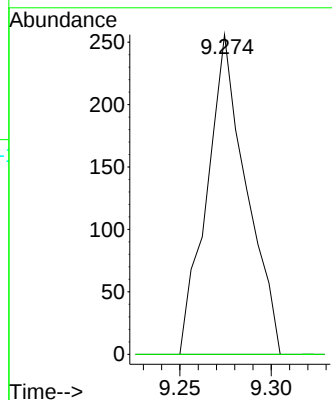
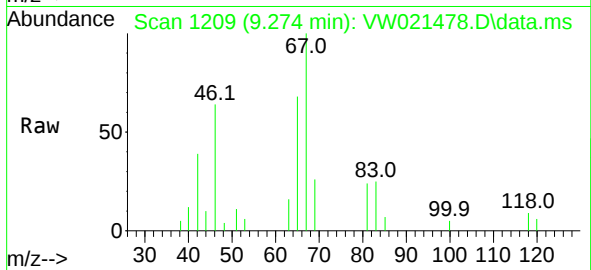
ClientSampleId :

Tgt Ion: 63 Resp: 384

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#52

Ethylbenzene

Concen: 1.173 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021478.D

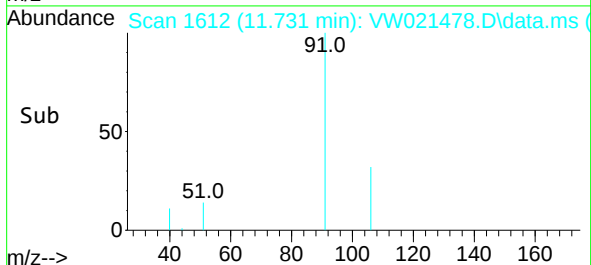
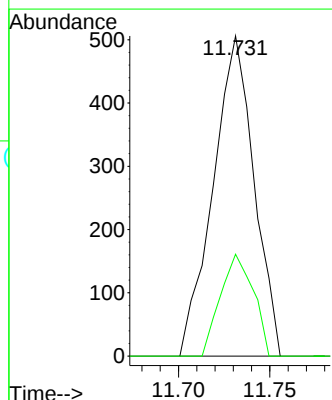
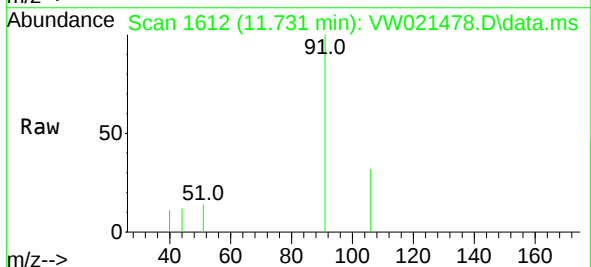
Acq: 18 Dec 2021 15:54

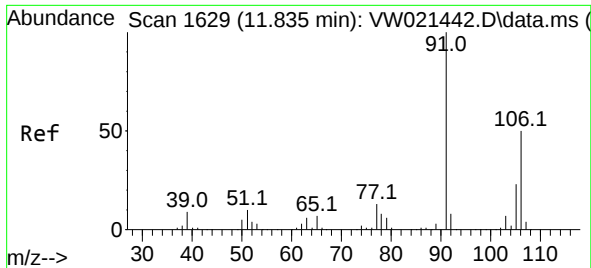
Tgt Ion: 91 Resp: 788

Ion Ratio Lower Upper

91 100

106 31.8 21.5 39.9

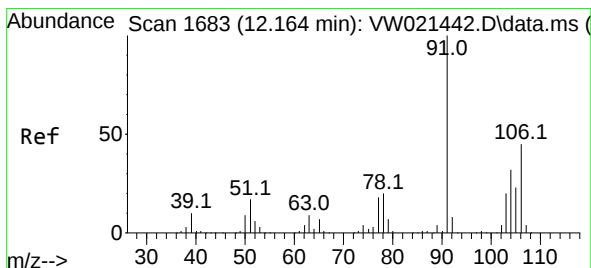
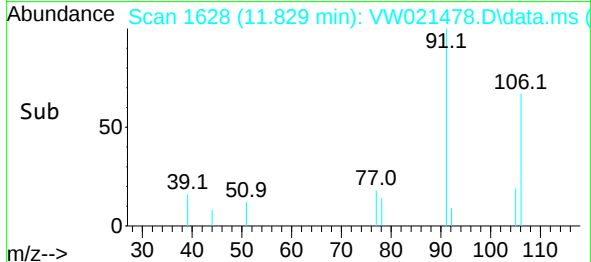
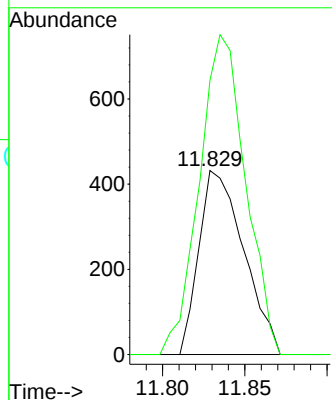
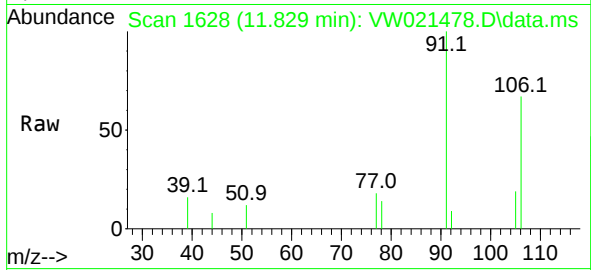




#53
m,p-Xylene
Concen: 3.022 ug/L
RT: 11.829 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VW021478.D
Acq: 18 Dec 2021 15:54

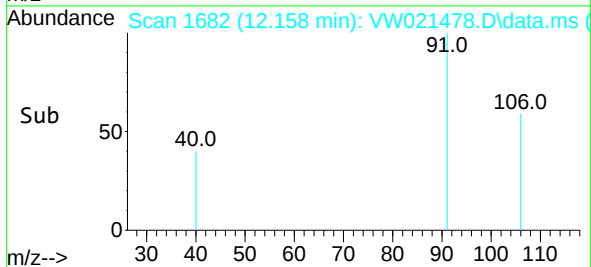
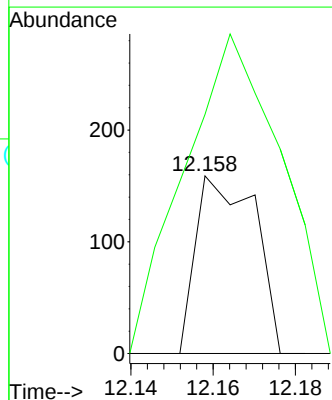
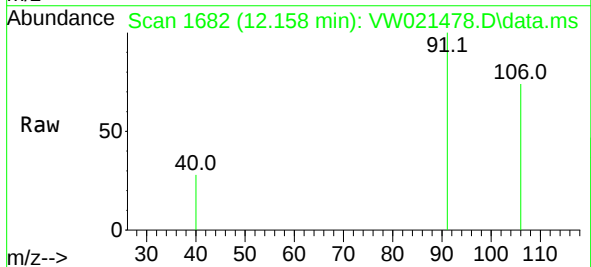
Instrument :
MSVOA_W
ClientSampleId :

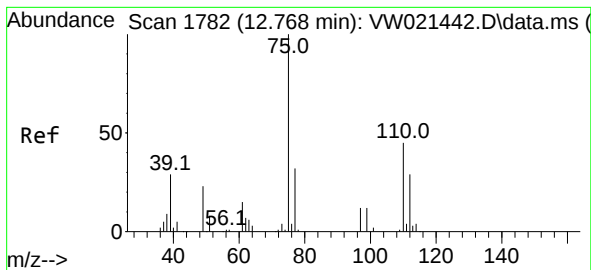
Tgt Ion:106 Resp: 819
Ion Ratio Lower Upper
106 100
91 149.1 149.9 278.3#



#54
o-Xylene
Concen: 0.618 ug/L
RT: 12.158 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VW021478.D
Acq: 18 Dec 2021 15:54

Tgt Ion:106 Resp: 159
Ion Ratio Lower Upper
106 100
91 134.6 153.6 285.3#





#61

1,2,3-Trichloropropane

Concen: 7.137 ug/L

RT: 13.554 min Scan# 1861

Delta R.T. 0.786 min

Lab File: VW021478.D

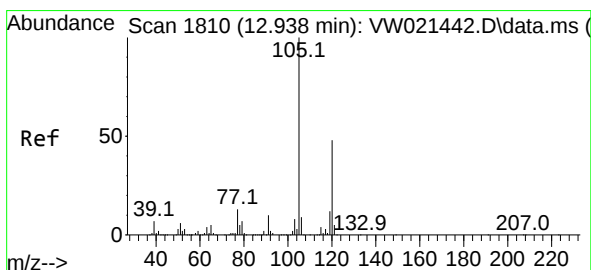
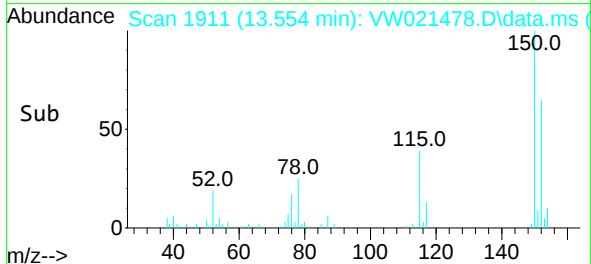
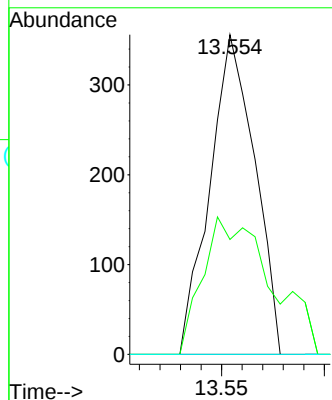
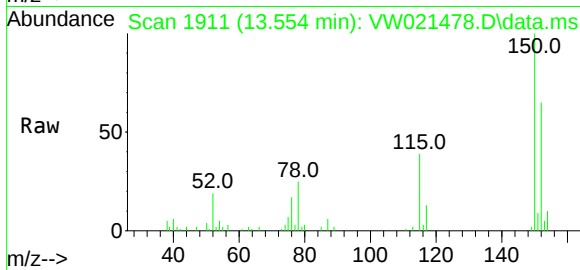
Acq: 18 Dec 2021 15:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 540
Ion Ratio	Lower Upper
75	100
77	29.3 25.8 38.8
110	0.0 29.0 43.4#



#62

1,3,5-Trimethylbenzene

Concen: 2.109 ug/L

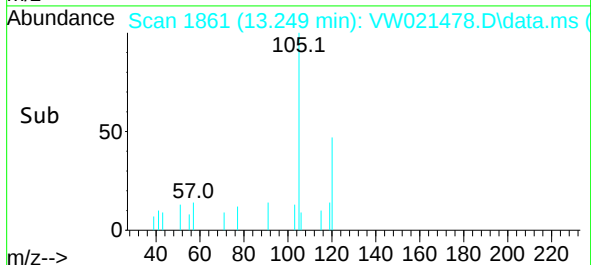
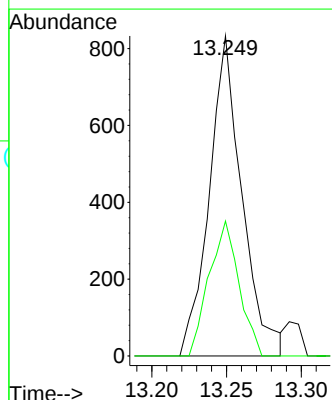
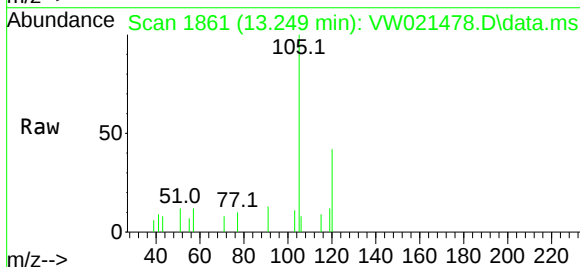
RT: 13.249 min Scan# 1861

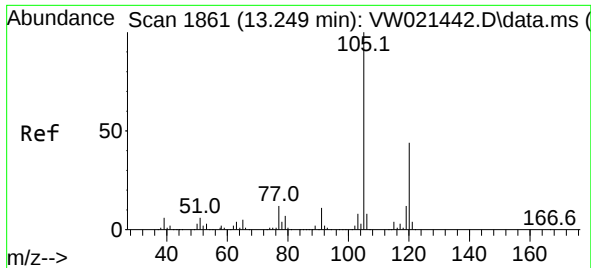
Delta R.T. 0.311 min

Lab File: VW021478.D

Acq: 18 Dec 2021 15:54

Tgt Ion: 105	Resp: 1268
Ion Ratio	Lower Upper
105	100
120	38.5 37.4 56.2

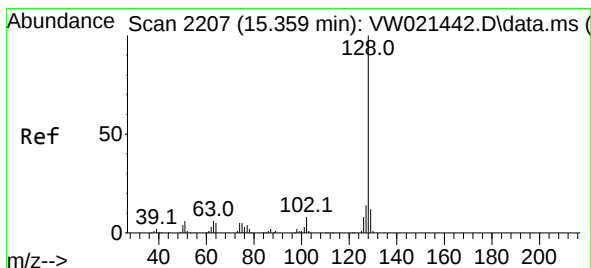
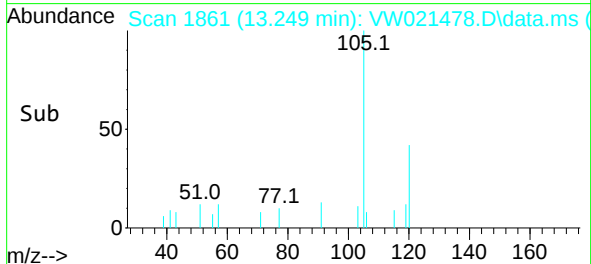
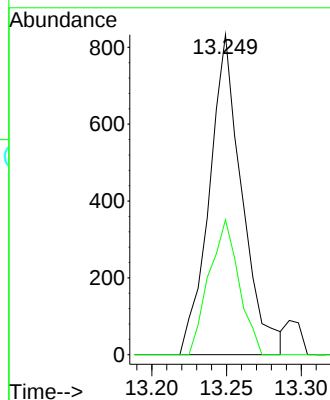
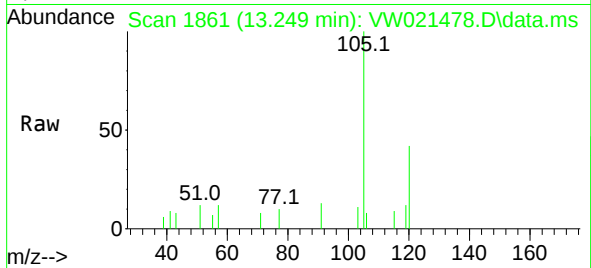




#63
1,2,4-Trimethylbenzene
Concen: 2.138 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021478.D
Acq: 18 Dec 2021 15:54

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 1268
Ion Ratio Lower Upper
105 100
120 38.5 35.0 52.6



#71
Naphthalene
Concen: 39.724 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VW021478.D
Acq: 18 Dec 2021 15:54

Tgt Ion:128 Resp: 12928
Ion Ratio Lower Upper
128 100
127 12.1 10.7 16.1
129 12.0 8.6 12.8

