

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022051.D
 Acq On : 29 Apr 2025 12:22
 Operator : SY/MD
 Sample : Q1872-23DL 4X
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HW0425-PT-VOA-SOILDL

Quant Time: Apr 30 01:33:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	274790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	444877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	398616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	202989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	128893	50.782	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.560%			
35) Dibromofluoromethane	7.634	113	146131	49.720	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.440%			
50) Toluene-d8	10.109	98	567972	51.259	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.520%			
62) 4-Bromofluorobenzene	12.407	95	176167	47.228	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.460%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	3.787	96	99300	36.351	ug/l	95
16) Acetone	3.878	43	34838	91.302	ug/l	96
19) Methyl tert-butyl Ether	5.116	73	249204	40.759	ug/l	97
22) Diisopropyl ether	6.024	45	183849	25.973	ug/l	98
25) 2-Butanone	6.896	43	46765	80.829	ug/l	91
26) 2,2-Dichloropropane	6.884	77	166890	38.808	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	37071	10.837	ug/l	77
30) Chloroform	7.420	83	108280	19.896	ug/l	96
38) Carbon Tetrachloride	7.817	117	127978	27.128	ug/l	97
40) Benzene	8.079	78	283874	23.002	ug/l	99
42) 1,2-Dichloroethane	8.152	62	37736	12.350	ug/l	99
45) 1,2-Dichloropropane	9.140	63	39066	14.314	ug/l	100
47) Bromodichloromethane	9.420	83	187884	44.022	ug/l	99
51) 4-Methyl-2-Pentanone	9.999	43	107247	75.133	ug/l	98
52) Toluene	10.170	92	368349	46.109	ug/l	100
53) t-1,3-Dichloropropene	10.395	75	101756	27.796	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	103440	23.770	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	41313	18.103	ug/l	98
59) 2-Hexanone	10.761	43	68399	72.648	ug/l	95
60) Dibromochloromethane	10.908	129	57740	18.275	ug/l	100
64) Tetrachloroethene	10.645	164	96153	25.570	ug/l	99
65) Chlorobenzene	11.444	112	208808	23.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	124374	39.632	ug/l	99
68) m/p-Xylenes	11.627	106	161265	27.792	ug/l	99
69) o-Xylene	11.956	106	162292	30.346	ug/l	98
70) Styrene	11.968	104	279394	31.114	ug/l	99
71) Bromoform	12.133	173	43782	23.996	ug/l #	99
76) 1,2,3-Trichloropropane	12.560	75	48730	28.027	ug/l #	100
84) 1,2,4-Trimethylbenzene	13.041	105	422779	37.827	ug/l	99
88) 1,4-Dichlorobenzene	13.364	146	44739	6.490	ug/l	97
89) n-Butylbenzene	13.620	91	134799	12.111	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	78278	12.895	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	41502	12.064	ug/l	99

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

Instrument :

MSVOA_Y

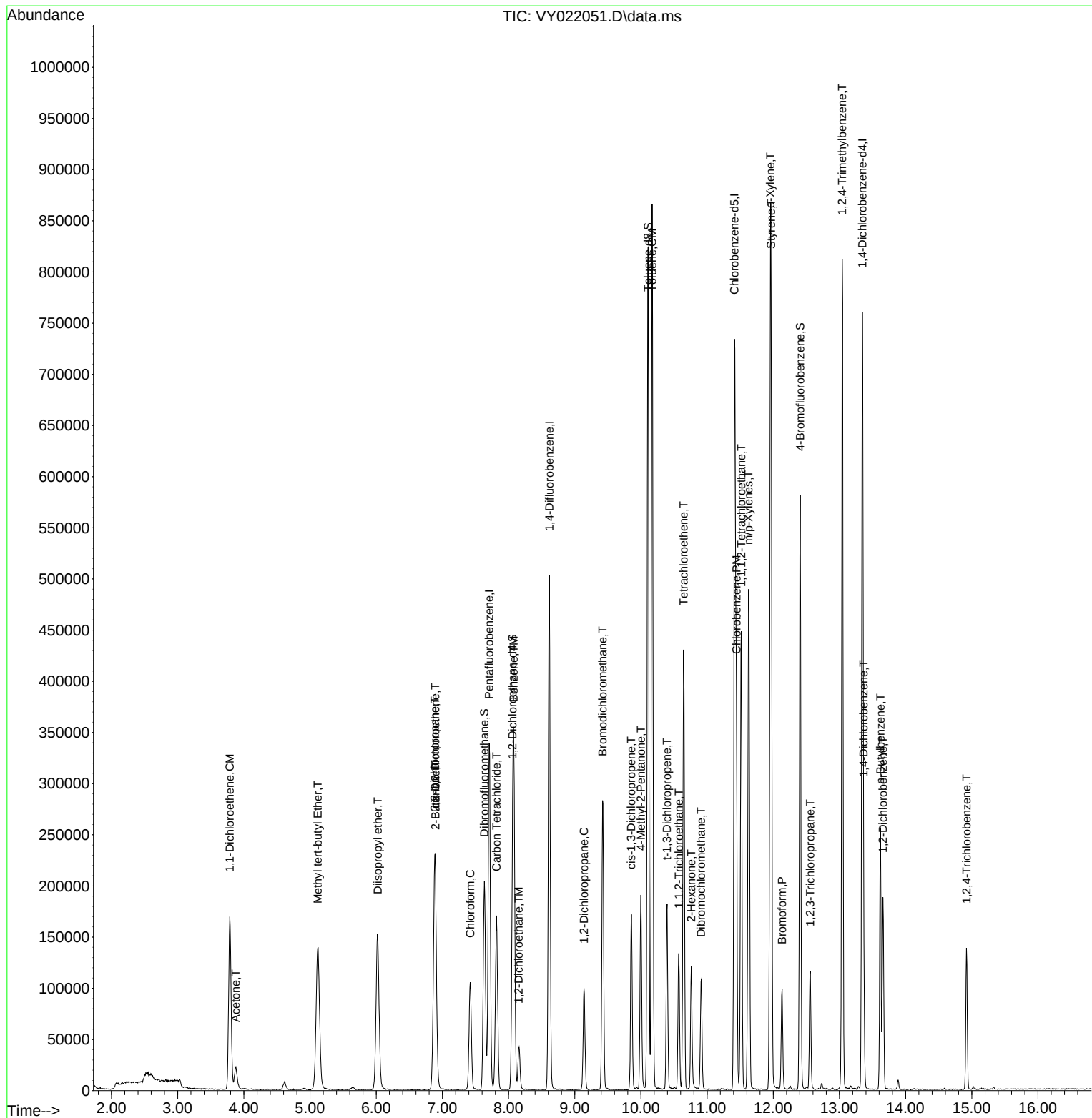
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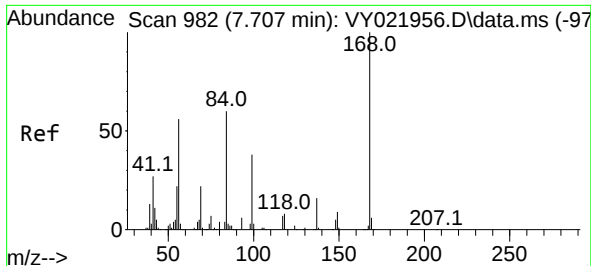
HW0425-PT-VOA-SOILD

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
Data File : VY022051.D
Acq On : 29 Apr 2025 12:22
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HW0425-PT-VOA-SOILD

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QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

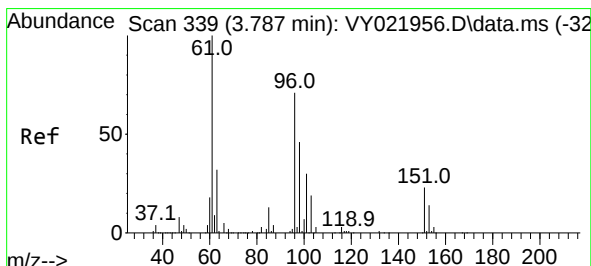
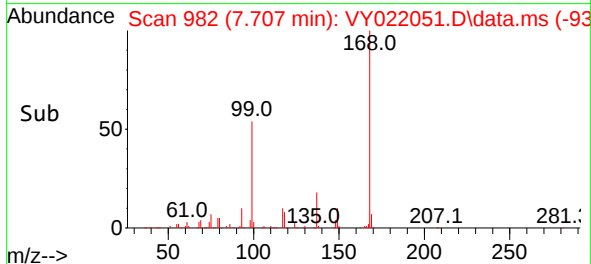
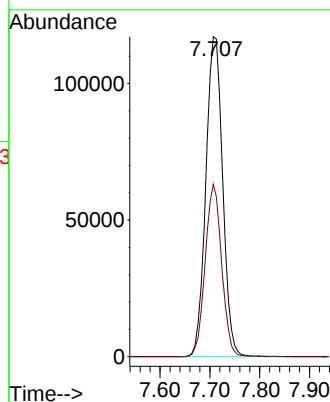
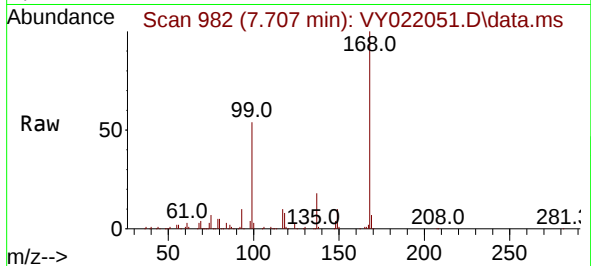




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

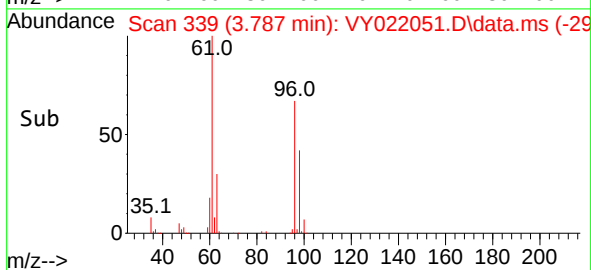
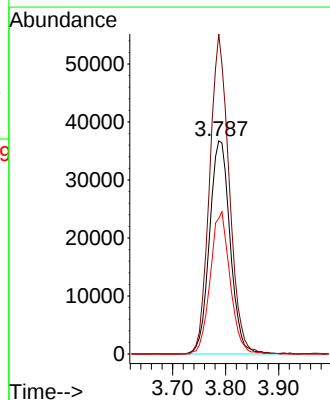
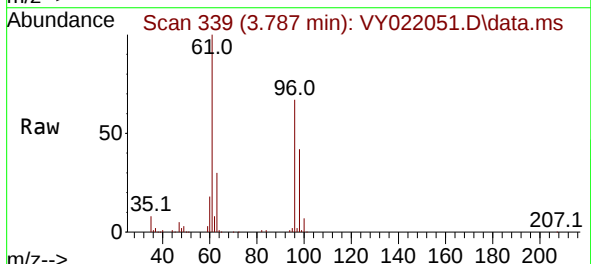
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MSVOA_Y
ClientSampleId :
HW0425-PT-VOA-SOILD

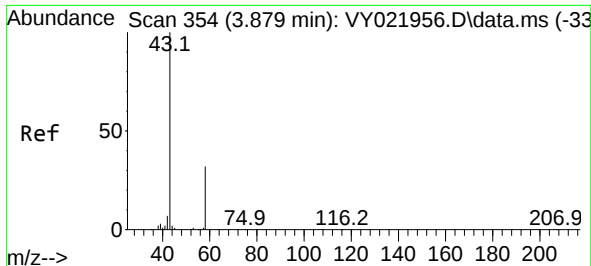
Tgt Ion:168 Resp: 274790
Ion Ratio Lower Upper
168 100
99 53.9 43.1 64.7



#12
1,1-Dichloroethene
Concen: 36.351 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 96 Resp: 99300
Ion Ratio Lower Upper
96 100
61 150.2 113.0 169.4
98 63.6 51.4 77.2

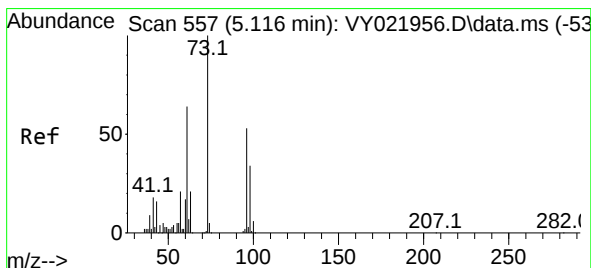
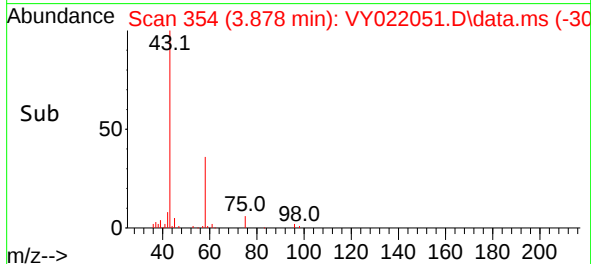
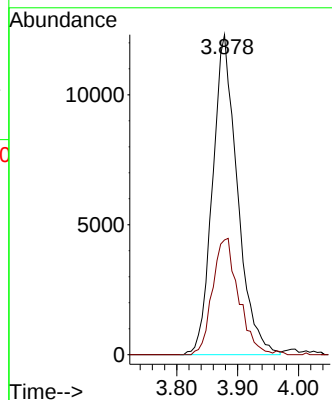
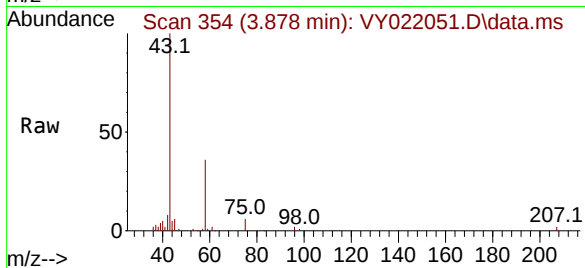




#16
Acetone
Concen: 91.302 ug/l
RT: 3.878 min Scan# 31
Delta R.T. -0.001 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

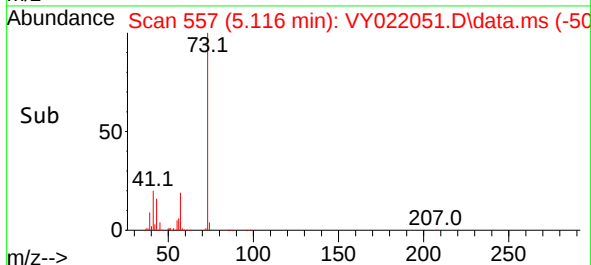
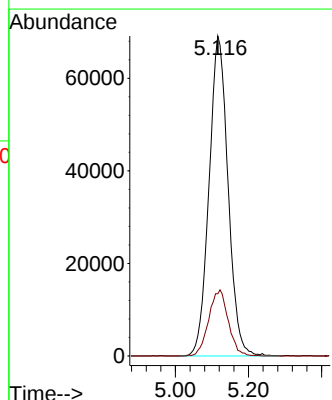
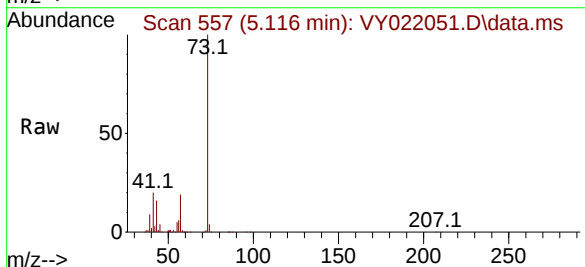
Instrument :
MSVOA_Y
ClientSampleId :
HW0425-PT-VOA-SOILD

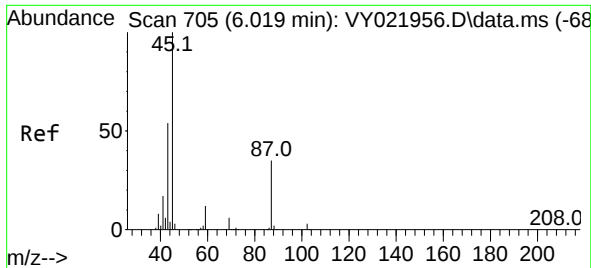
Tgt Ion: 43 Resp: 34838
Ion Ratio Lower Upper
43 100
58 35.8 27.0 40.4



#19
Methyl tert-butyl Ether
Concen: 40.759 ug/l
RT: 5.116 min Scan# 557
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 73 Resp: 249204
Ion Ratio Lower Upper
73 100
57 19.5 16.9 25.3

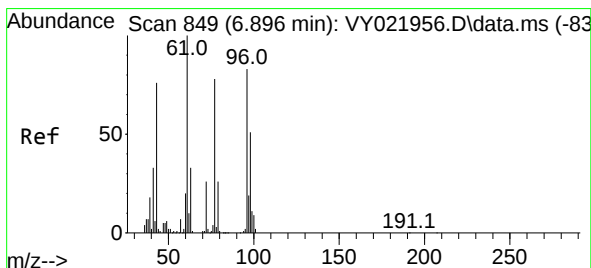
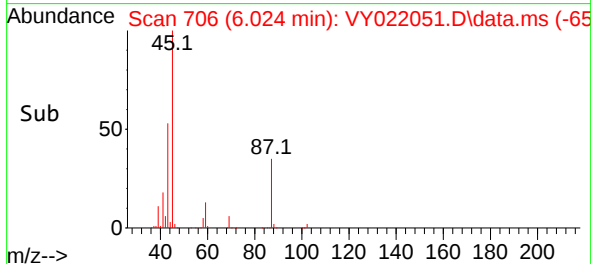
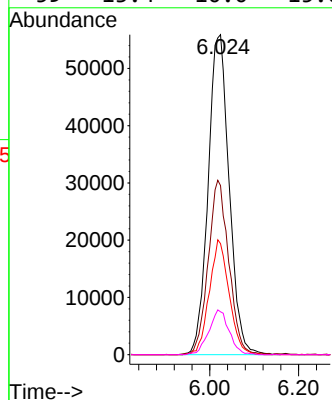
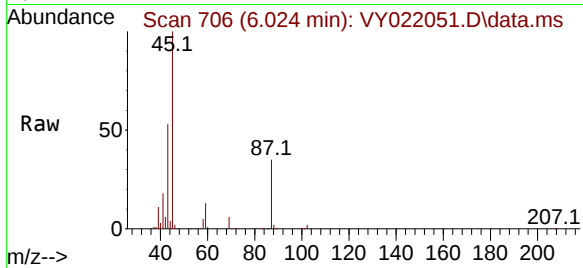




#22
Diisopropyl ether
Concen: 25.973 ug/l
RT: 6.024 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

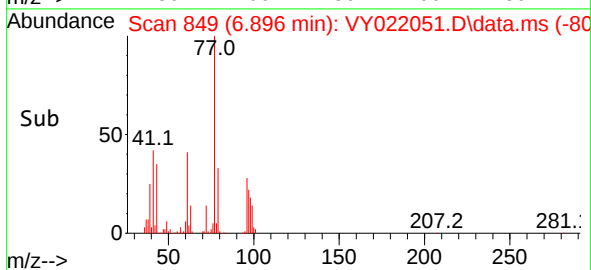
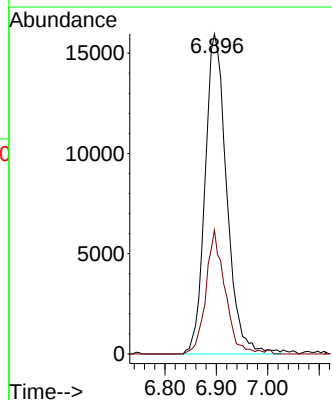
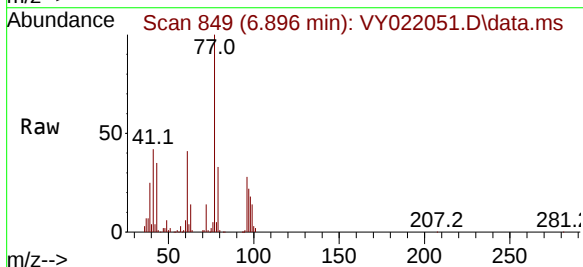
Instrument :
MSVOA_Y
ClientSampleId :
HW0425-PT-VOA-SOILD

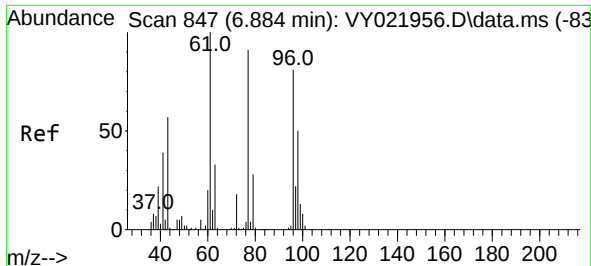
Tgt Ion:	45	Resp:	183849
Ion	Ratio	Lower	Upper
45	100		
43	52.8	43.6	65.4
87	34.7	28.2	42.4
59	13.4	10.0	15.0



#25
2-Butanone
Concen: 80.829 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion:	43	Resp:	46765
Ion	Ratio	Lower	Upper
43	100		
72	38.8	27.0	40.4





#26

2,2-Dichloropropane

Concen: 38.808 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

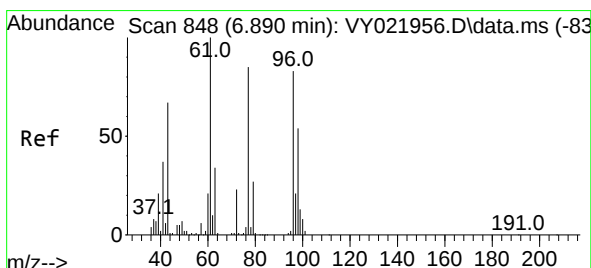
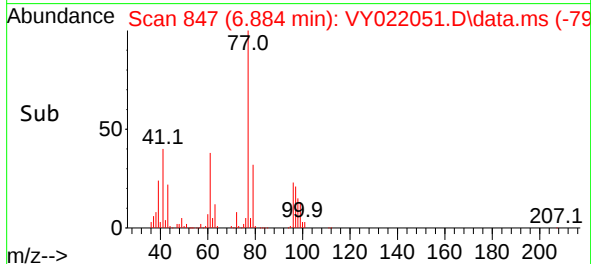
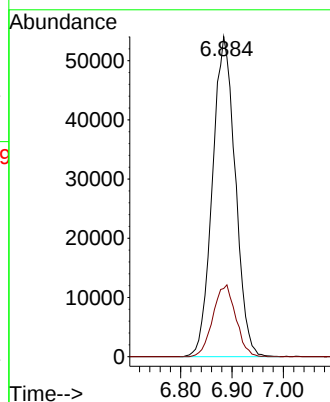
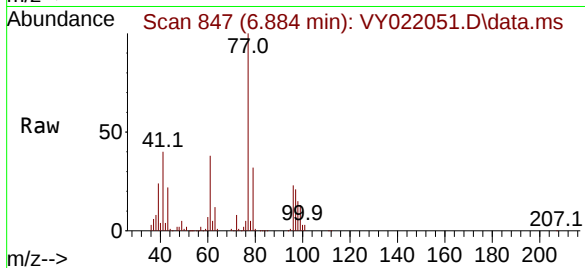
HW0425-PT-VOA-SOILD

Tgt Ion: 77 Resp: 166890

Ion Ratio Lower Upper

77 100

97 22.5 12.4 37.4



#27

cis-1,2-Dichloroethene

Concen: 10.837 ug/l

RT: 6.890 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

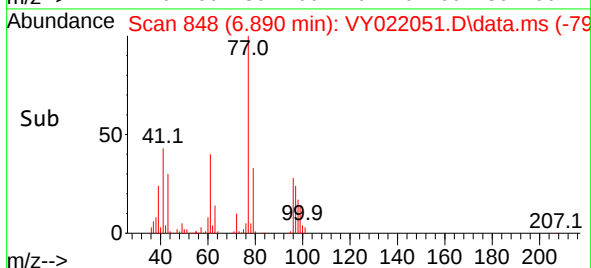
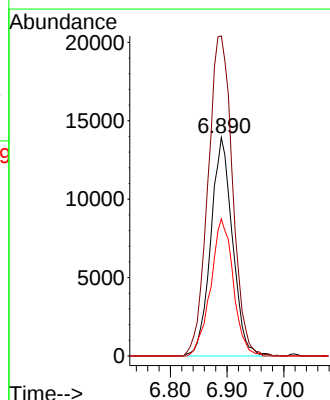
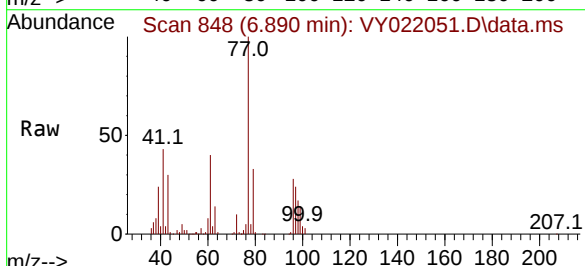
Tgt Ion: 96 Resp: 37071

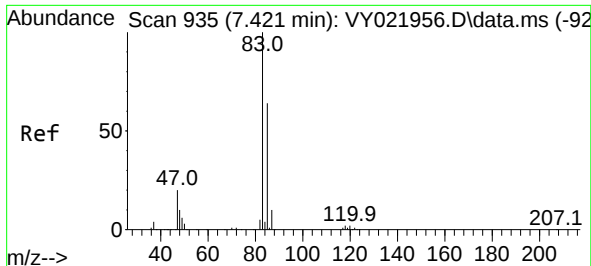
Ion Ratio Lower Upper

96 100

61 164.9 0.0 251.4

98 65.1 0.0 128.4

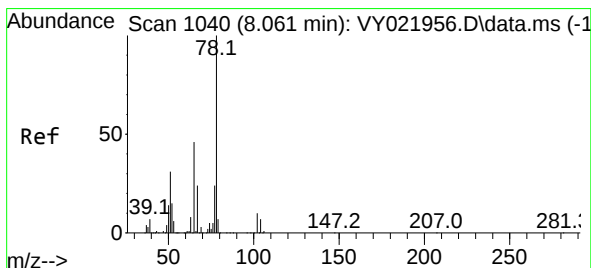
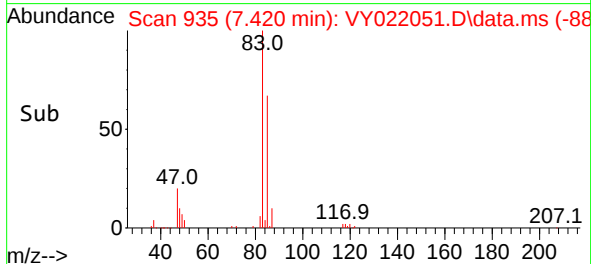
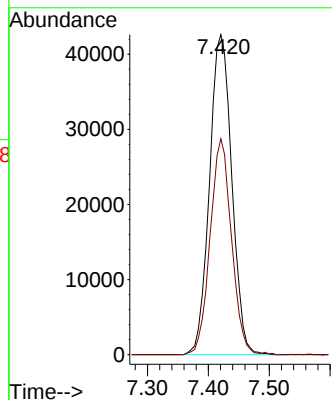
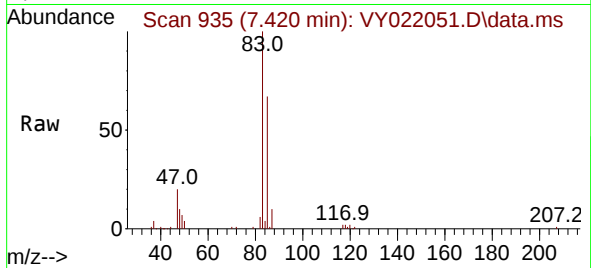




#30
Chloroform
Concen: 19.896 ug/l
RT: 7.420 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

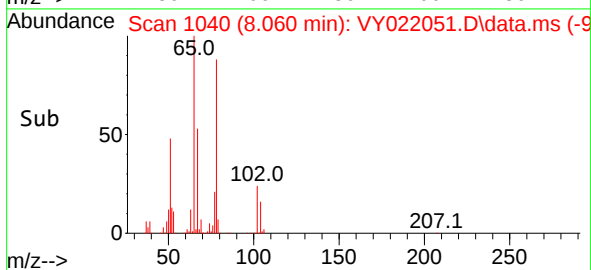
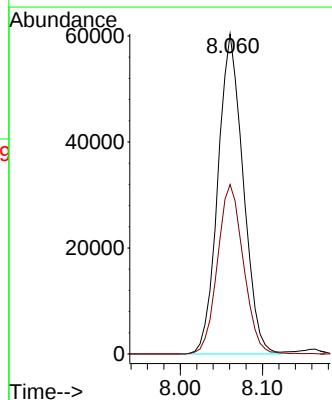
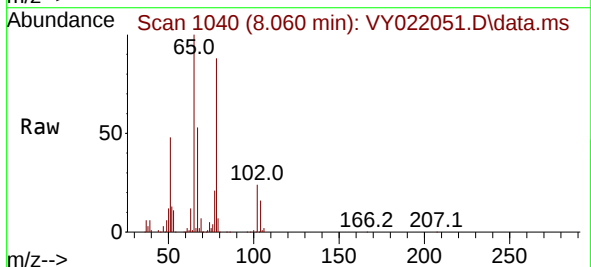
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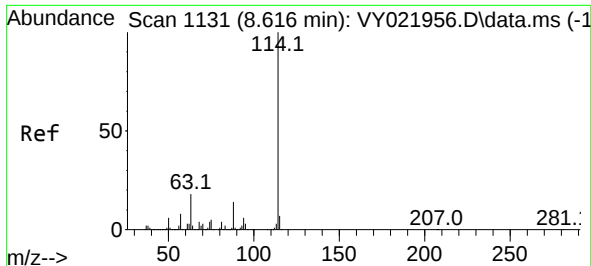
Tgt Ion: 83 Resp: 108280
Ion Ratio Lower Upper
83 100
85 67.4 51.3 76.9



#33
1,2-Dichloroethane-d4
Concen: 50.782 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 65 Resp: 128893
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.8

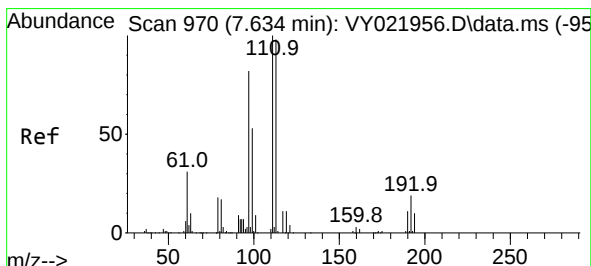
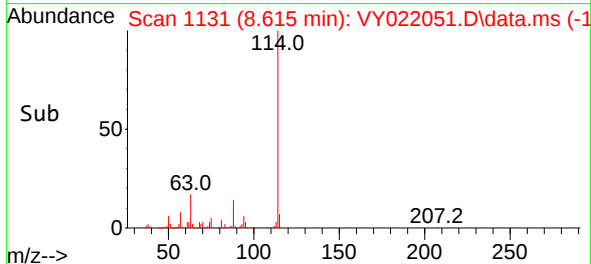
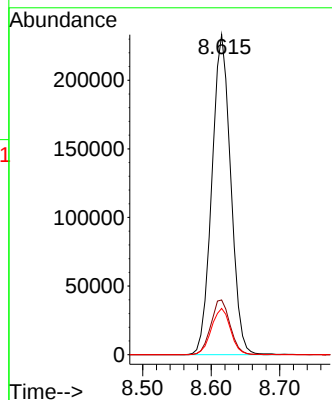
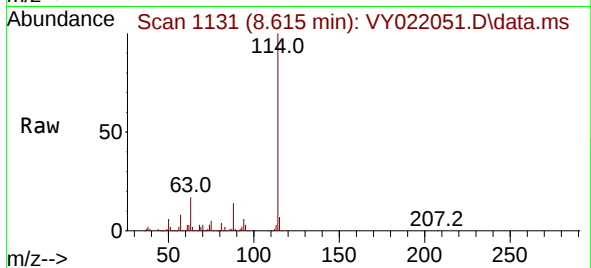




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

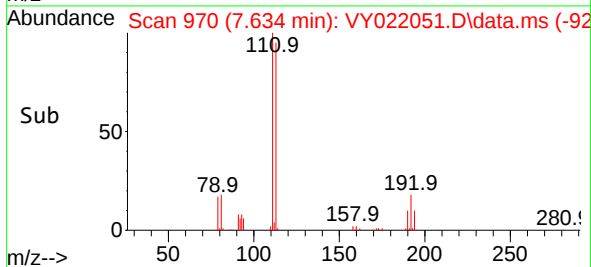
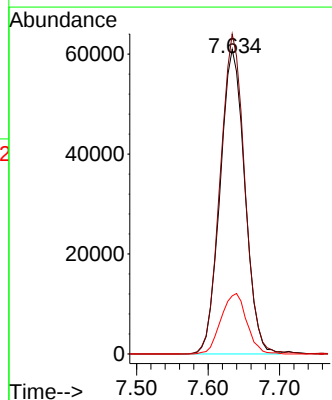
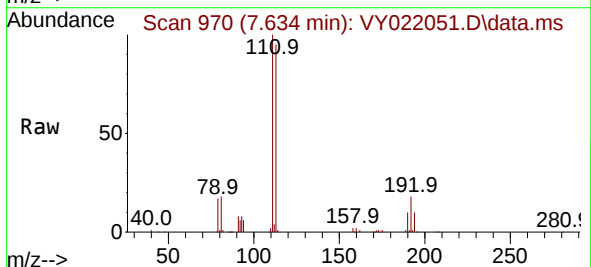
Instrument :
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ClientSampleId :
HW0425-PT-VOA-SOILD

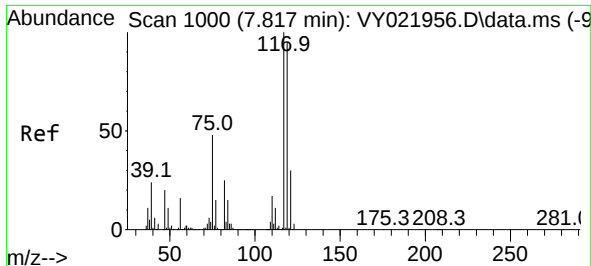
Tgt Ion:114 Resp: 444877
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.4
88 14.5 0.0 28.2



#35
Dibromofluoromethane
Concen: 49.720 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion:113 Resp: 146131
Ion Ratio Lower Upper
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111 104.3 81.8 122.8
192 20.6 15.6 23.4

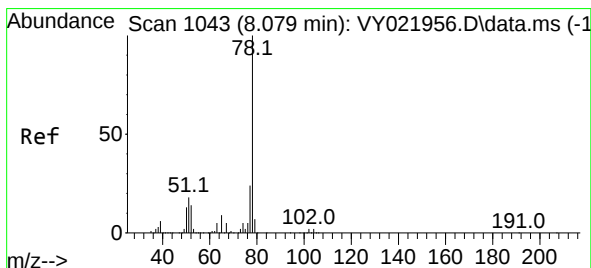
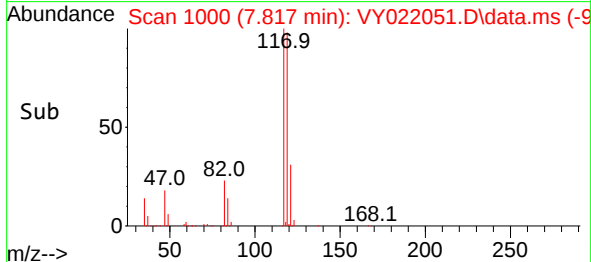
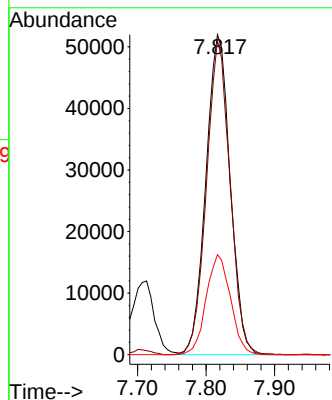
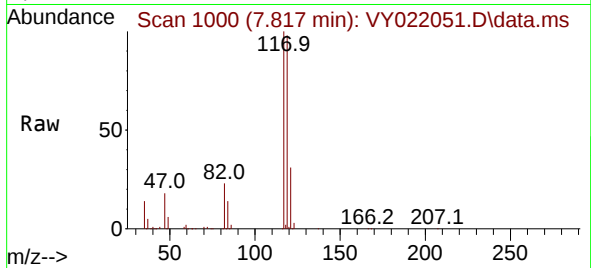




#38
Carbon Tetrachloride
Concen: 27.128 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

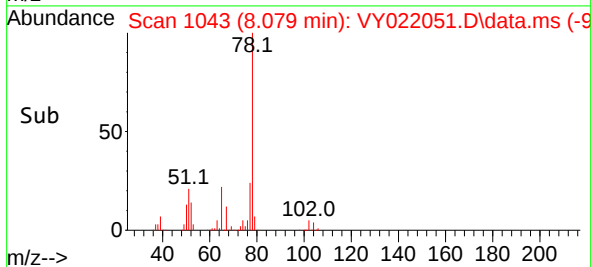
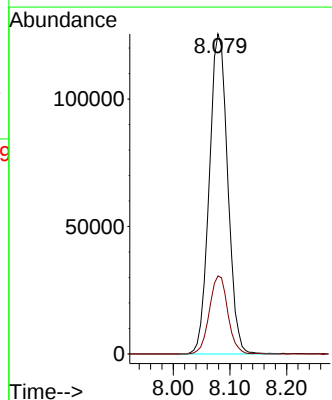
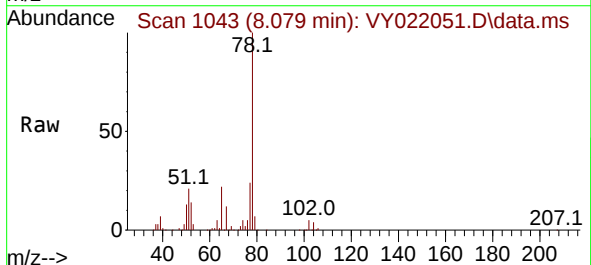
Instrument :
MSVOA_Y
ClientSampleId :
HW0425-PT-VOA-SOILD

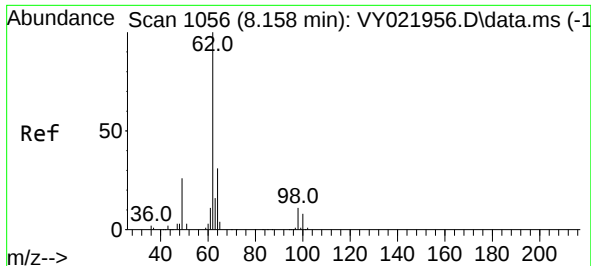
Tgt Ion:117 Resp: 127978
Ion Ratio Lower Upper
117 100
119 98.1 76.2 114.4
121 31.3 24.0 36.0



#40
Benzene
Concen: 23.002 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 78 Resp: 283874
Ion Ratio Lower Upper
78 100
77 24.4 19.3 28.9





#42

1,2-Dichloroethane

Concen: 12.350 ug/l

RT: 8.152 min Scan# 1055

Delta R.T. -0.007 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

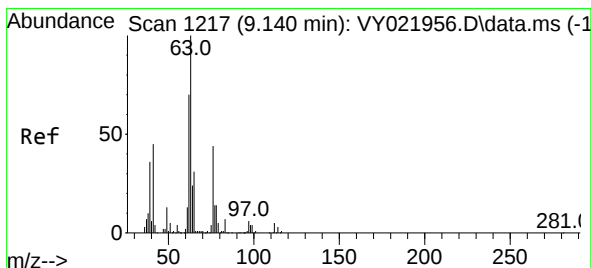
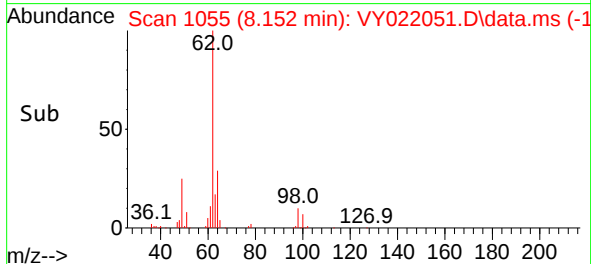
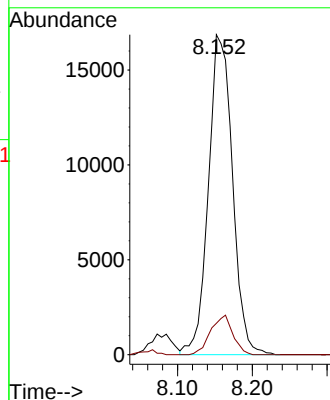
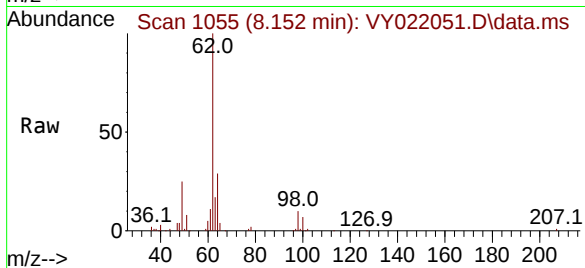
HW0425-PT-VOA-SOILDL

Tgt Ion: 62 Resp: 37736

Ion Ratio Lower Upper

62 100

98 11.4 0.0 22.0



#45

1,2-Dichloropropane

Concen: 14.314 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022051.D

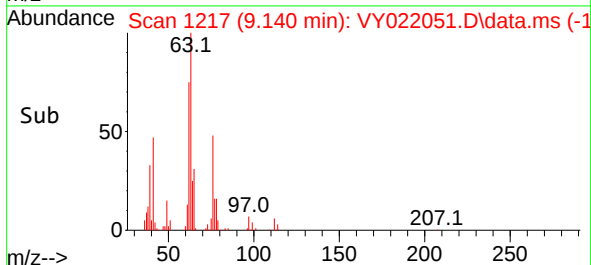
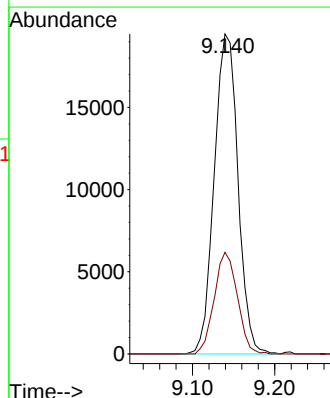
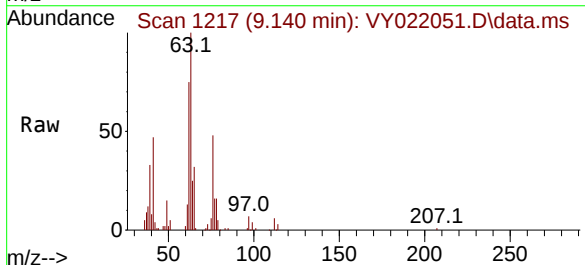
Acq: 29 Apr 2025 12:22

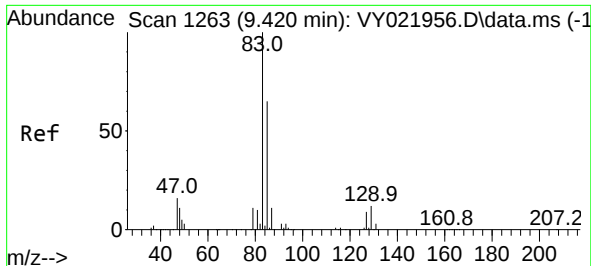
Tgt Ion: 63 Resp: 39066

Ion Ratio Lower Upper

63 100

65 31.7 25.2 37.8

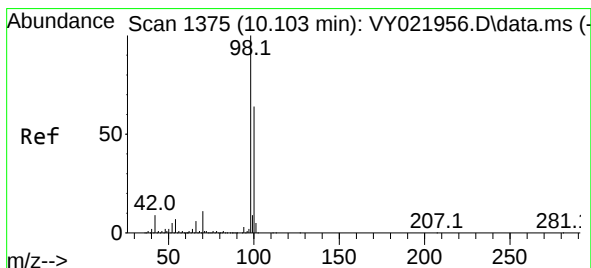
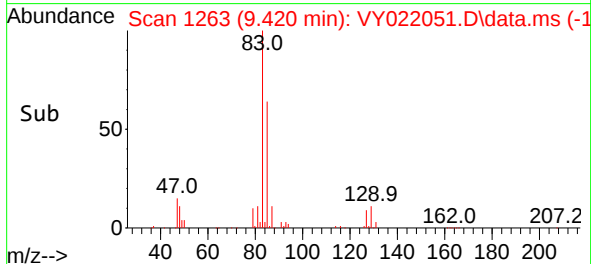
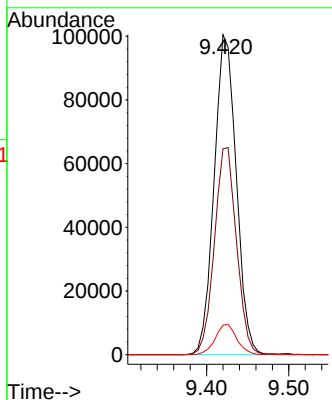
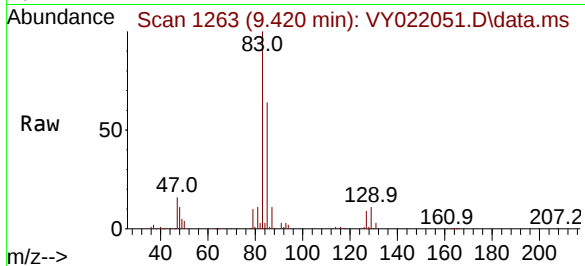




#47
Bromodichloromethane
Concen: 44.022 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

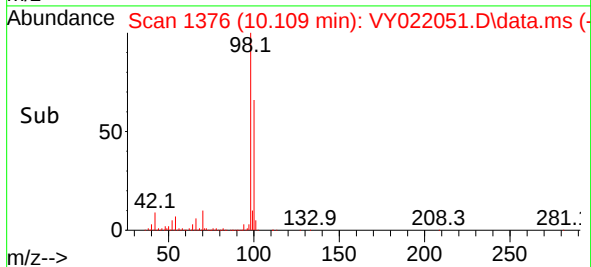
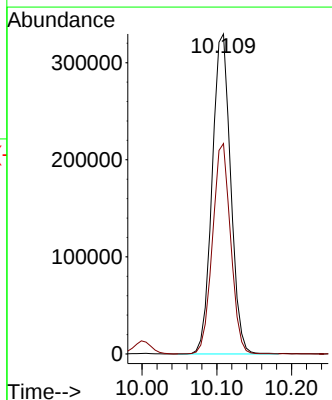
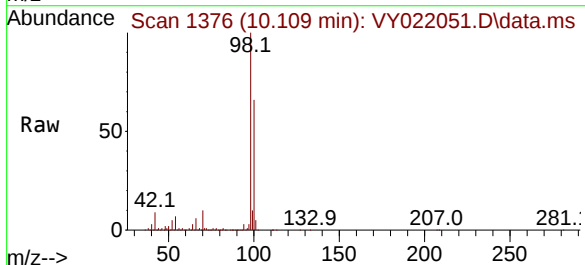
Instrument :
MSVOA_Y
ClientSampleId :
HW0425-PT-VOA-SOILD

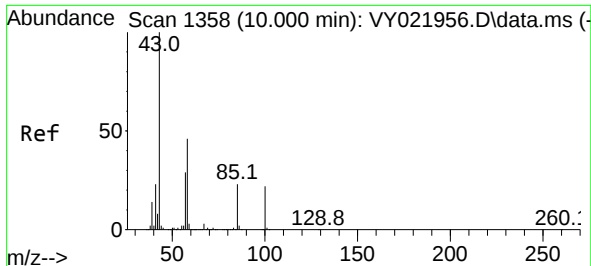
Tgt Ion: 83 Resp: 187884
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.8
127 9.2 7.0 10.6



#50
Toluene-d8
Concen: 51.259 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 98 Resp: 567972
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

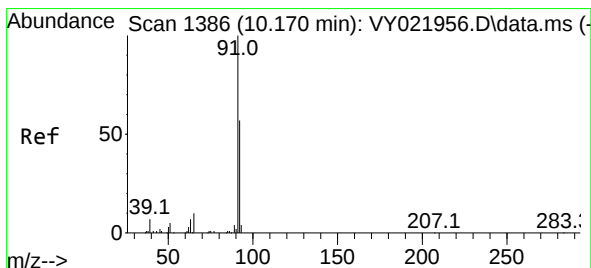
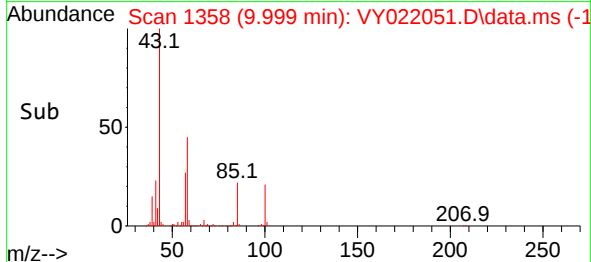
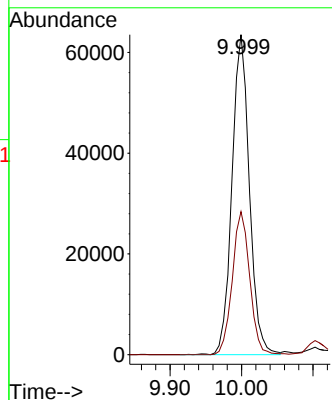
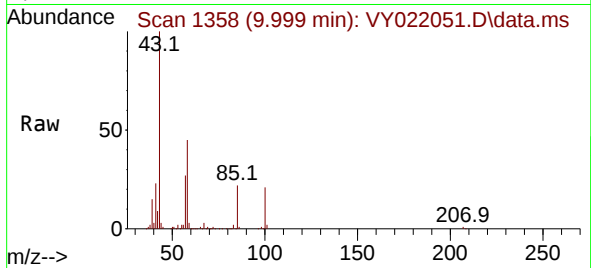




#51
4-Methyl-2-Pentanone
Concen: 75.133 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

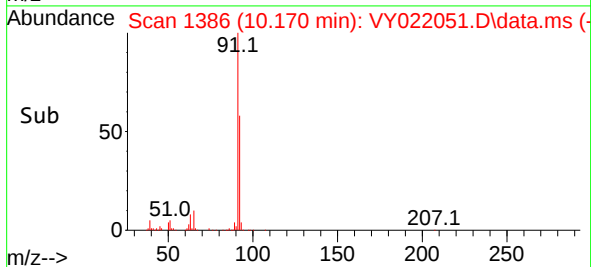
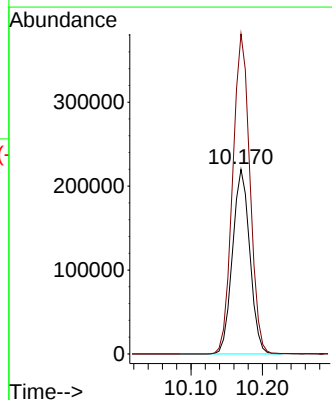
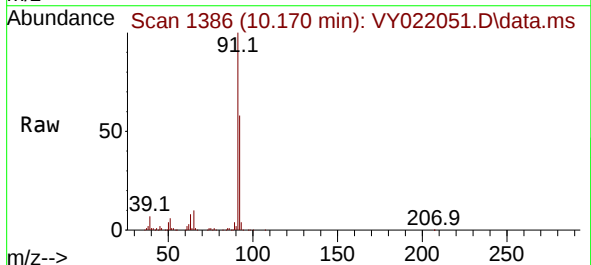
Instrument :
MSVOA_Y
ClientSampleId :
HW0425-PT-VOA-SOILD

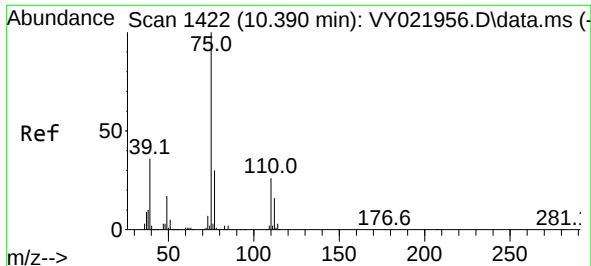
Tgt Ion: 43 Resp: 107247
Ion Ratio Lower Upper
43 100
58 44.8 36.6 55.0



#52
Toluene
Concen: 46.109 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 92 Resp: 368349
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8

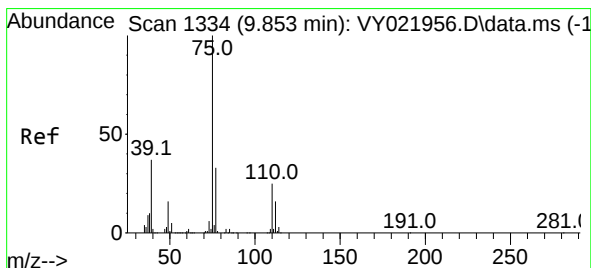
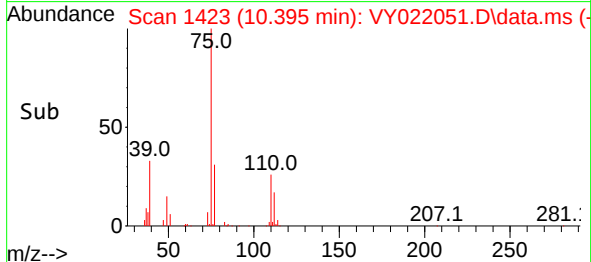
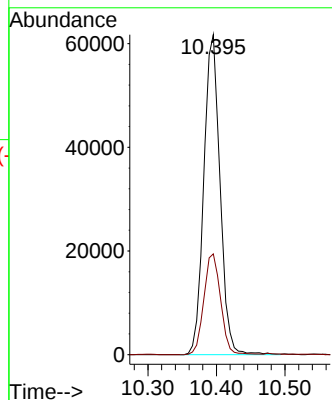
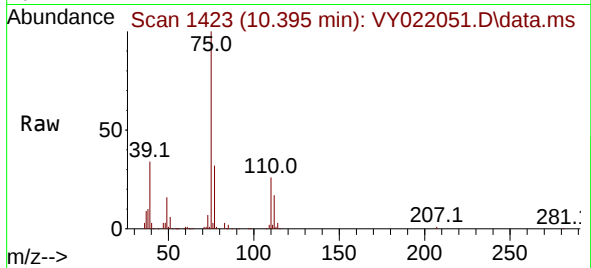




#53
 t-1,3-Dichloropropene
 Concen: 27.796 ug/l
 RT: 10.395 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY022051.D
 Acq: 29 Apr 2025 12:22

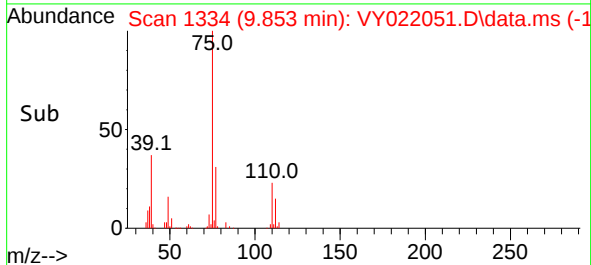
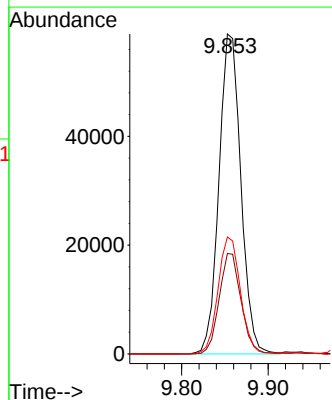
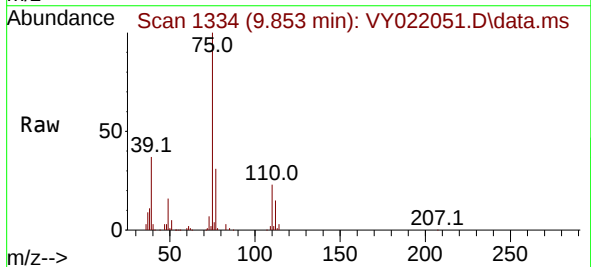
Instrument :
 MSVOA_Y
 ClientSampleId :
 HW0425-PT-VOA-SOILDL

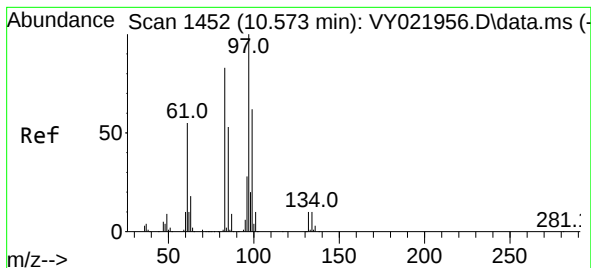
Tgt Ion: 75 Resp: 101756
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.0 36.0



#54
 cis-1,3-Dichloropropene
 Concen: 23.770 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022051.D
 Acq: 29 Apr 2025 12:22

Tgt Ion: 75 Resp: 103440
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.6 40.0
 39 36.6 29.6 44.4

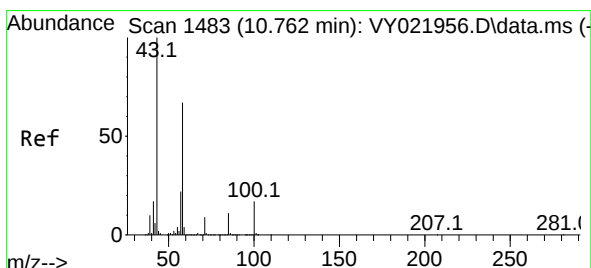
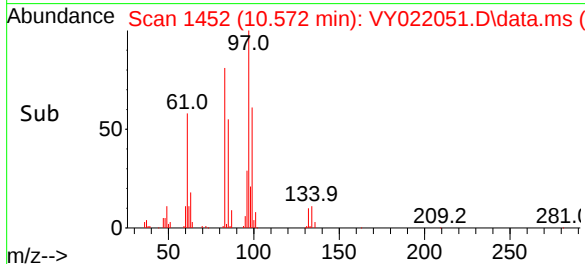
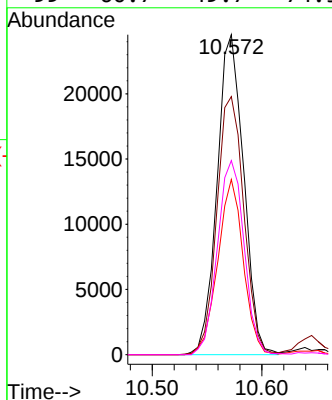
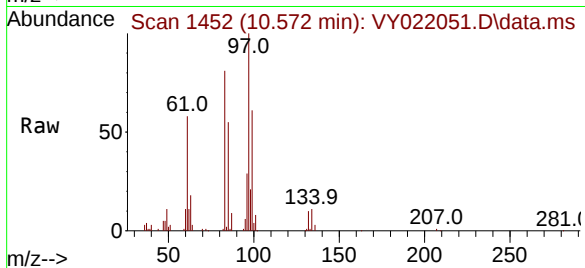




#55
1,1,2-Trichloroethane
Concen: 18.103 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

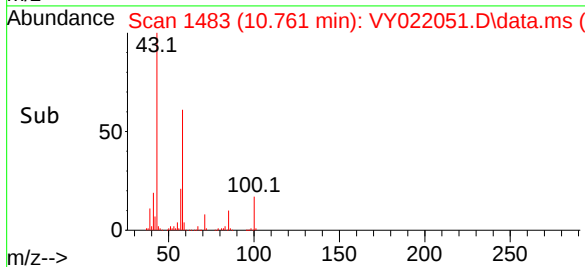
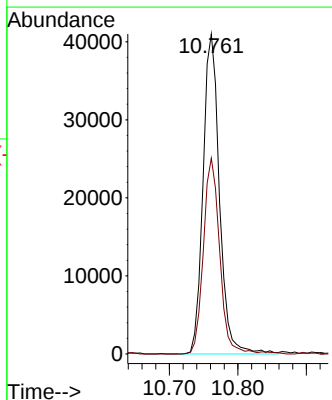
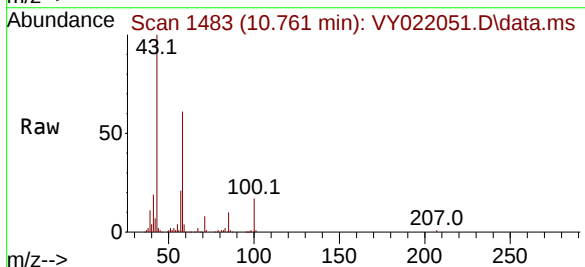
Instrument :
MSVOA_Y
ClientSampleId :
HW0425-PT-VOA-SOILD

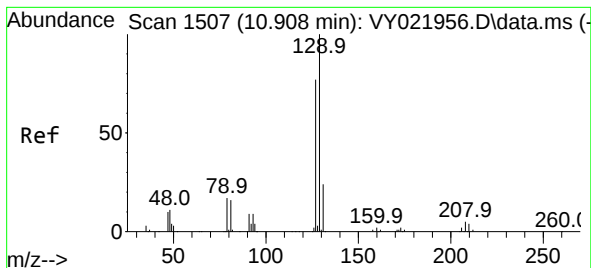
Tgt Ion: 97	Resp: 41313
Ion Ratio	Lower Upper
97 100	
83 80.6	66.7 100.1
85 54.8	42.6 64.0
99 60.7	49.7 74.5



#59
2-Hexanone
Concen: 72.648 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion: 43	Resp: 68399		
Ion Ratio	Lower	Upper	
43 100			
58 60.4	32.0	96.0	





#60

Dibromochloromethane

Concen: 18.275 ug/l

RT: 10.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

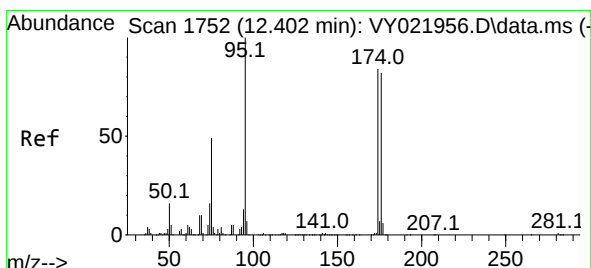
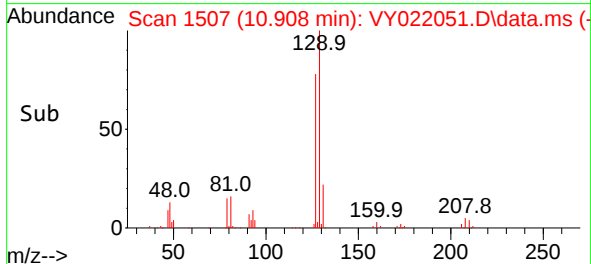
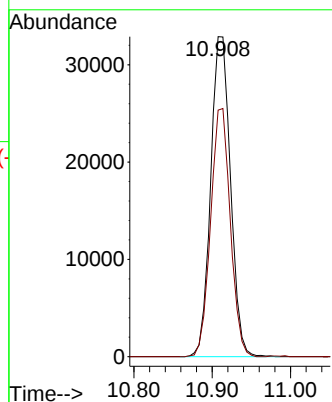
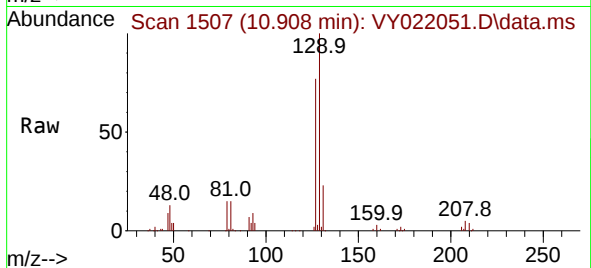
HW0425-PT-VOA-SOILDL

Tgt Ion:129 Resp: 57740

Ion Ratio Lower Upper

129 100

127 77.0 38.5 115.3



#62

4-Bromofluorobenzene

Concen: 47.228 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

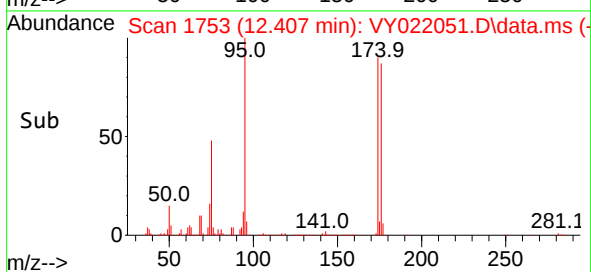
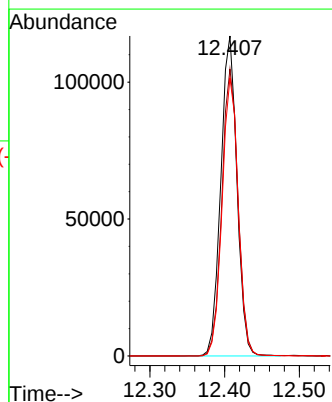
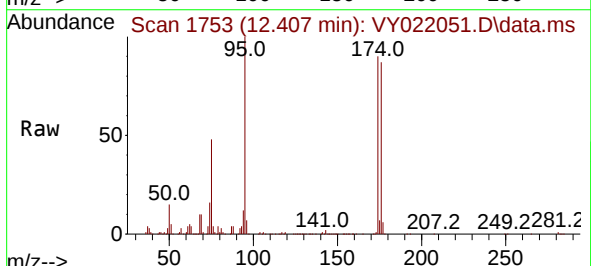
Tgt Ion: 95 Resp: 176167

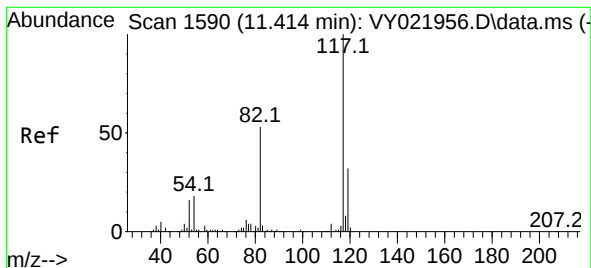
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.0

176 86.6 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

HW0425-PT-VOA-SOILD

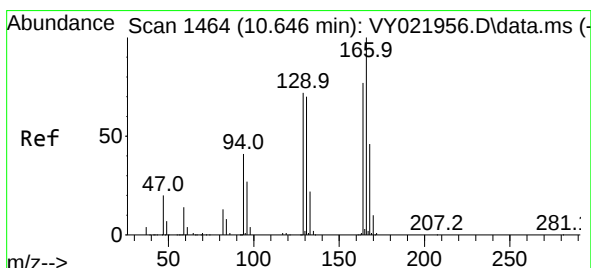
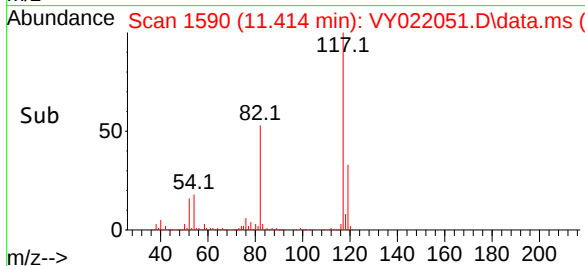
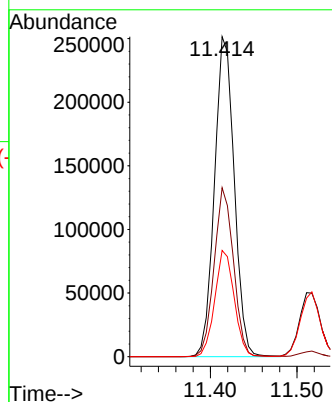
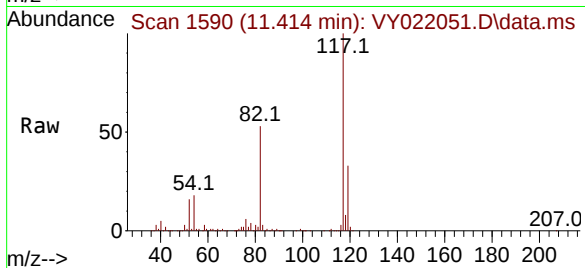
Tgt Ion:117 Resp: 398616

Ion Ratio Lower Upper

117 100

82 52.8 42.1 63.1

119 33.2 25.7 38.5



#64

Tetrachloroethene

Concen: 25.570 ug/l

RT: 10.645 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Tgt Ion:164 Resp: 96153

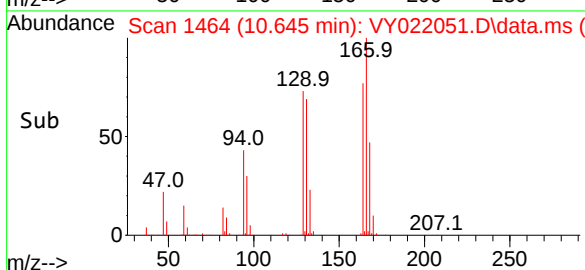
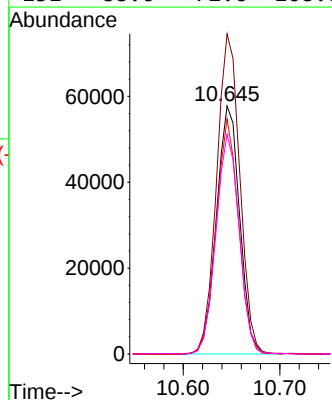
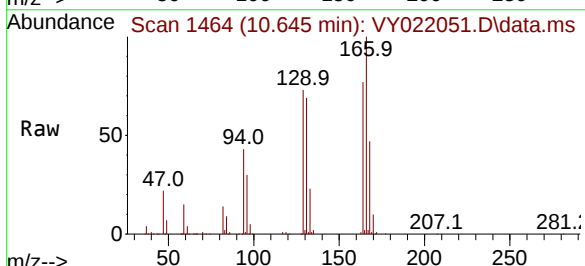
Ion Ratio Lower Upper

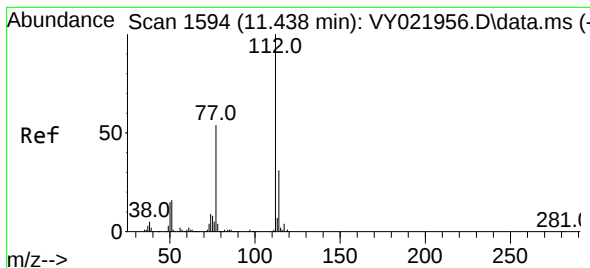
164 100

166 129.1 103.6 155.4

129 94.7 74.2 111.4

131 88.6 72.6 108.8





#65

Chlorobenzene

Concen: 23.425 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

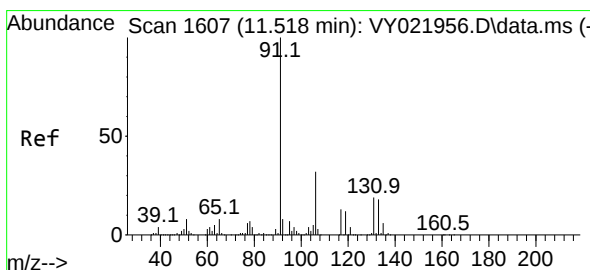
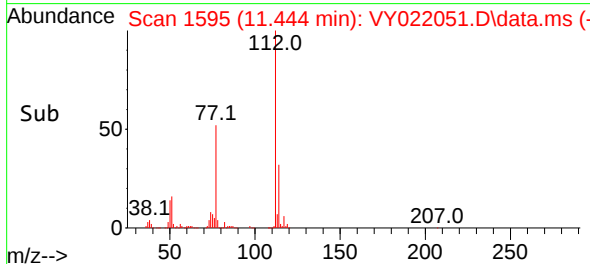
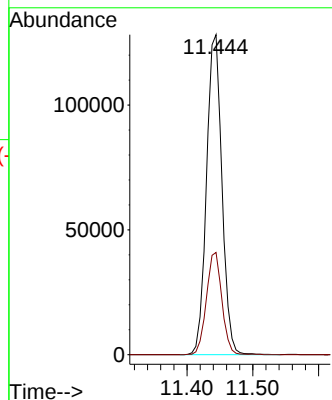
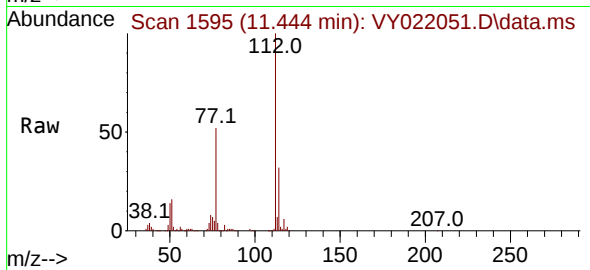
HW0425-PT-VOA-SOILD

Tgt Ion:112 Resp: 208808

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 39.632 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

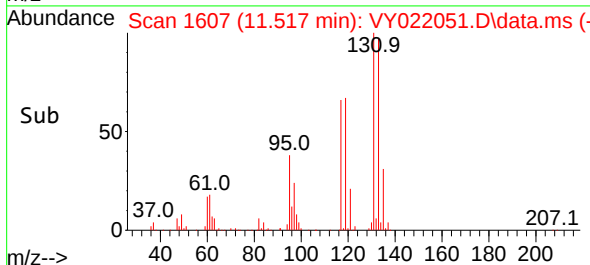
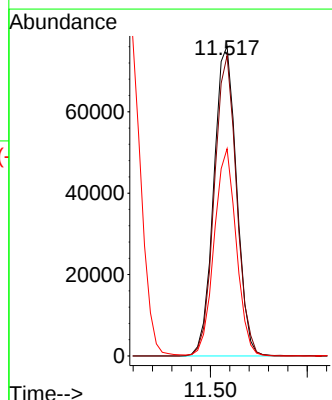
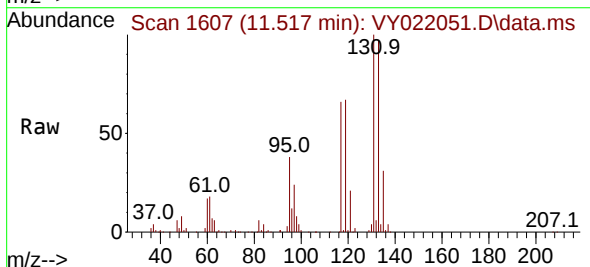
Tgt Ion:131 Resp: 124374

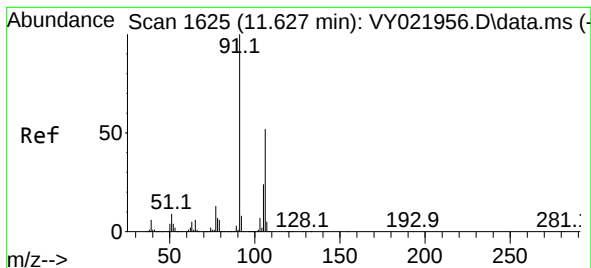
Ion Ratio Lower Upper

131 100

133 94.8 47.8 143.3

119 65.0 32.4 97.0





#68

m/p-Xylenes

Concen: 27.792 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

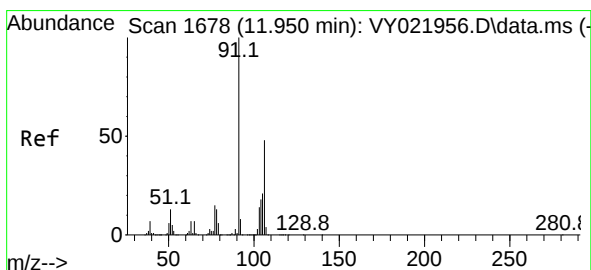
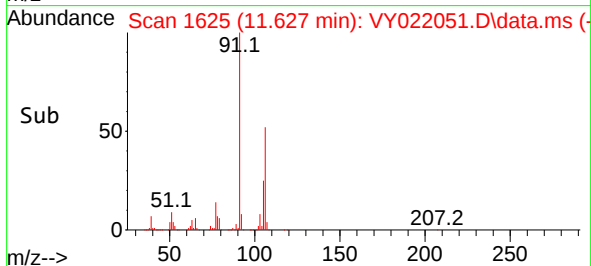
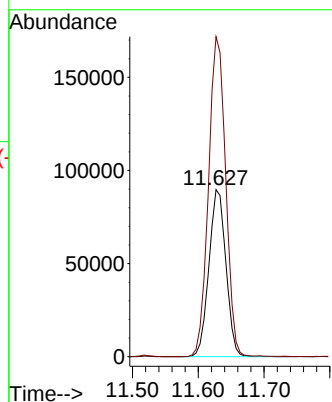
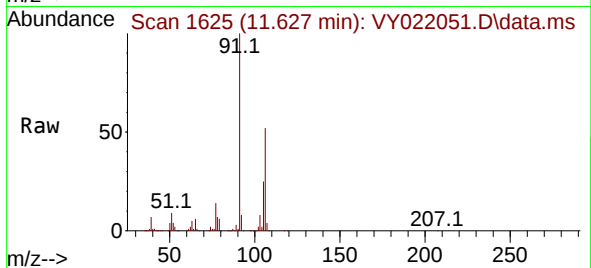
HW0425-PT-VOA-SOILD

Tgt Ion:106 Resp: 161265

Ion Ratio Lower Upper

106 100

91 193.7 156.2 234.2



#69

o-Xylene

Concen: 30.346 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY022051.D

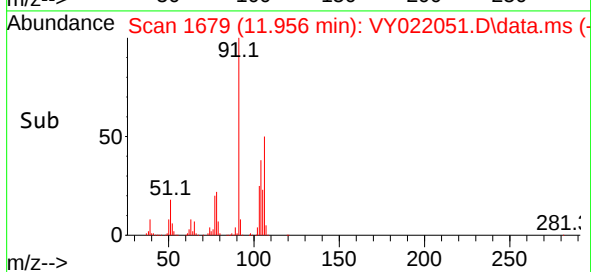
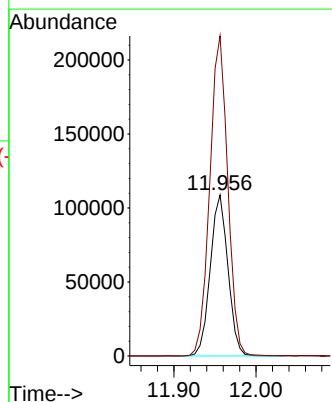
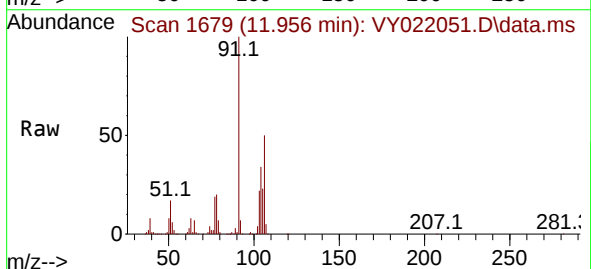
Acq: 29 Apr 2025 12:22

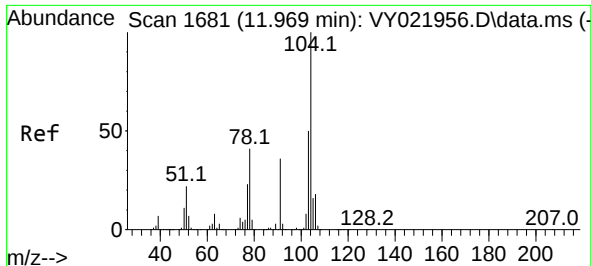
Tgt Ion:106 Resp: 162292

Ion Ratio Lower Upper

106 100

91 202.2 103.0 308.9

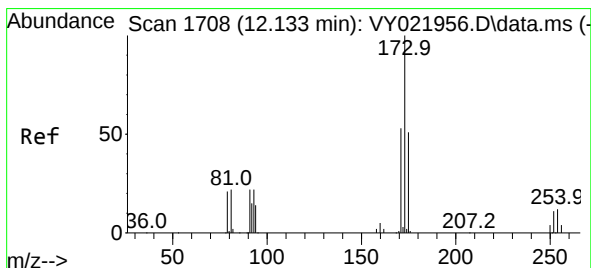
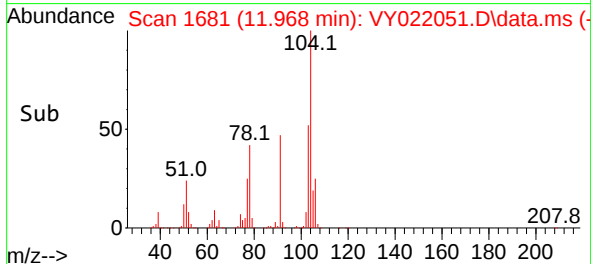
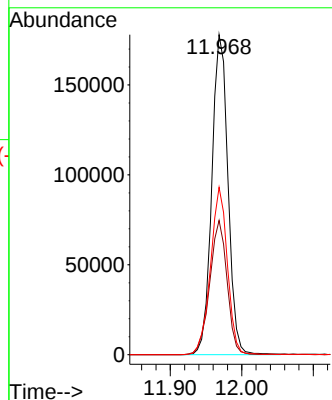
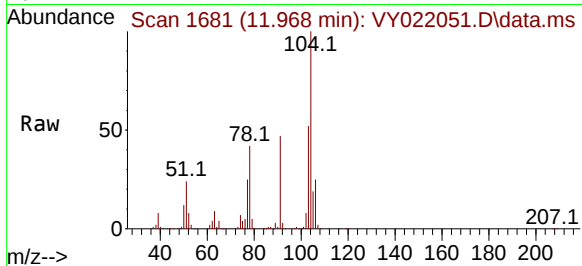




#70
Styrene
Concen: 31.114 ug/l
RT: 11.968 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

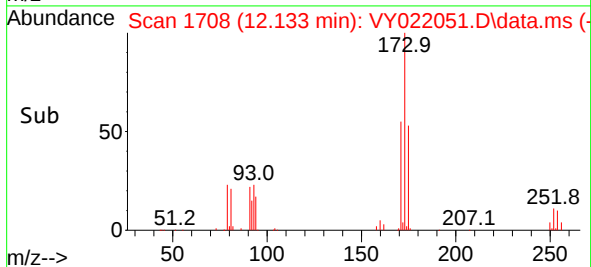
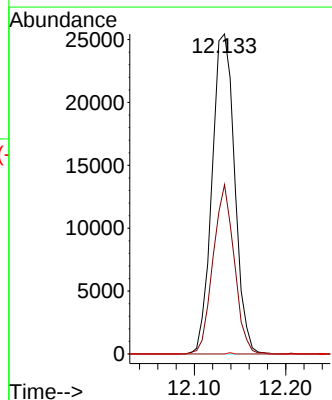
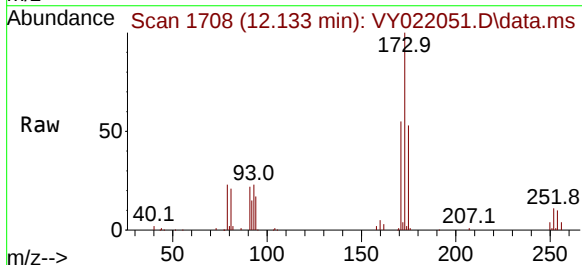
Instrument :
MSVOA_Y
ClientSampleId :
HW0425-PT-VOA-SOILD

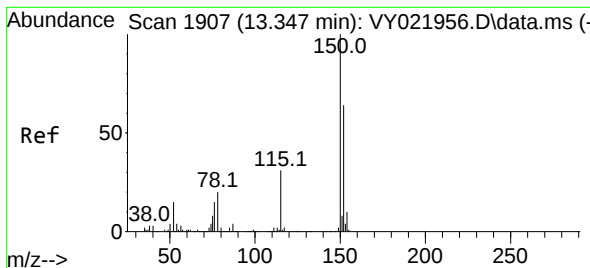
Tgt Ion:104 Resp: 279394
Ion Ratio Lower Upper
104 100
78 45.0 36.6 54.8
103 54.7 43.8 65.8



#71
Bromoform
Concen: 23.996 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. -0.000 min
Lab File: VY022051.D
Acq: 29 Apr 2025 12:22

Tgt Ion:173 Resp: 43782
Ion Ratio Lower Upper
173 100
175 49.4 24.3 72.8
254 0.1 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

HW0425-PT-VOA-SOILD

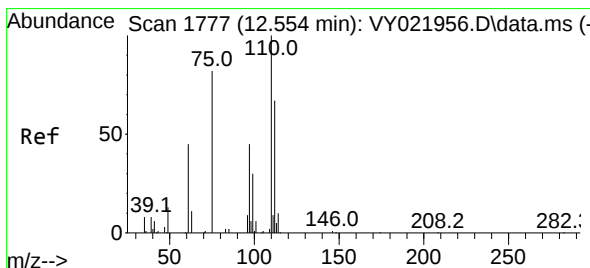
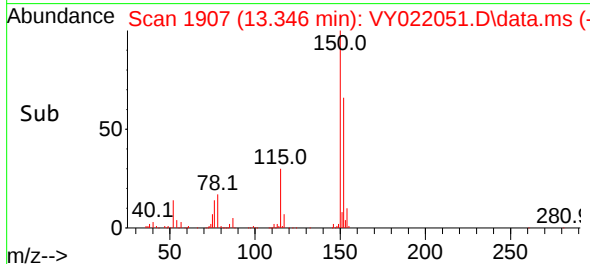
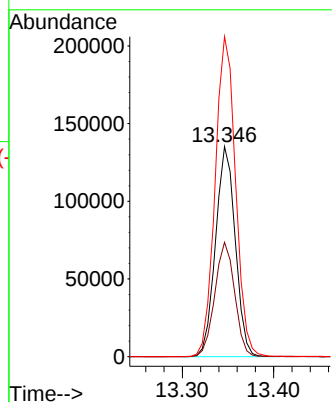
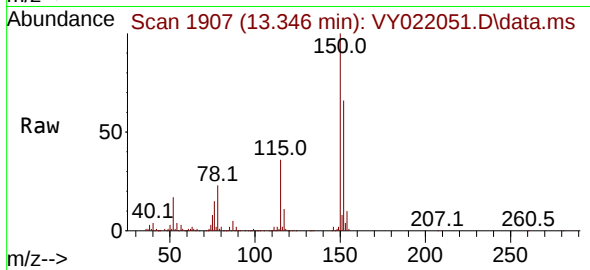
Tgt Ion:152 Resp: 202989

Ion Ratio Lower Upper

152 100

115 55.0 28.0 84.0

150 158.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 28.027 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY022051.D

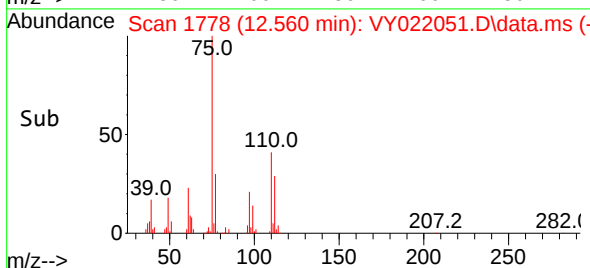
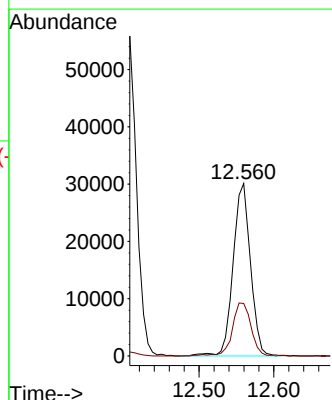
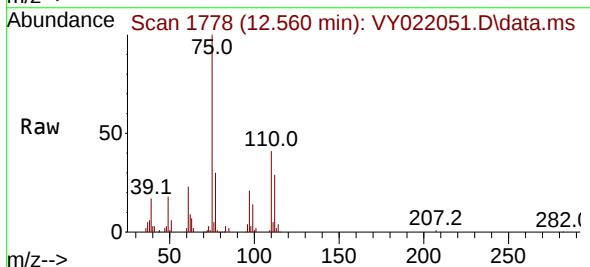
Acq: 29 Apr 2025 12:22

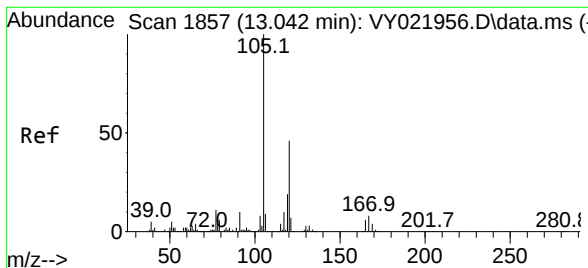
Tgt Ion: 75 Resp: 48730

Ion Ratio Lower Upper

75 100

77 33.4 0.0 0.0#





#84

1,2,4-Trimethylbenzene

Concen: 37.827 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

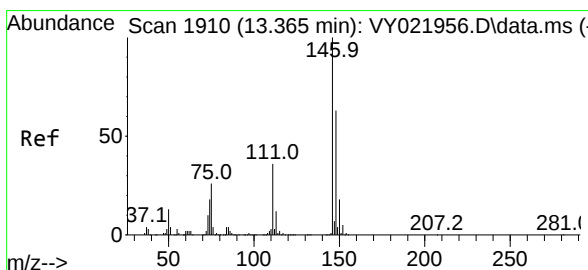
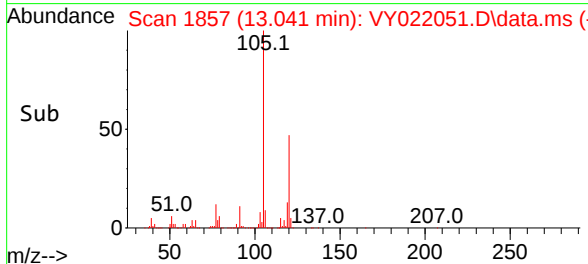
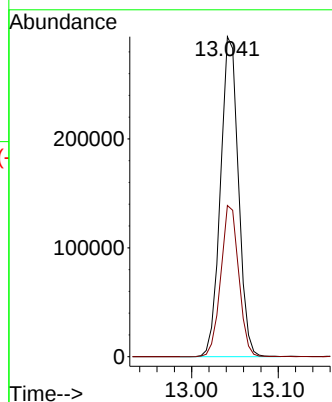
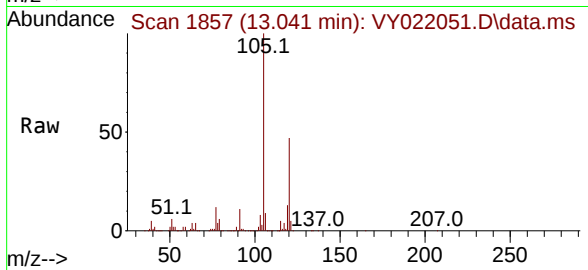
HW0425-PT-VOA-SOILDL

Tgt Ion:105 Resp: 422779

Ion Ratio Lower Upper

105 100

120 47.2 23.4 70.0



#88

1,4-Dichlorobenzene

Concen: 6.490 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

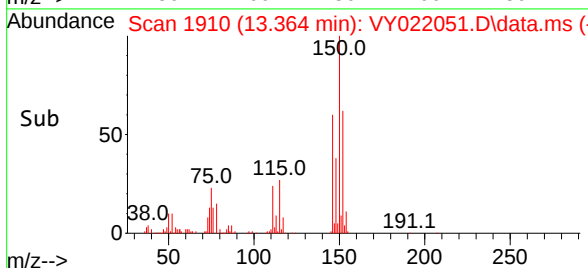
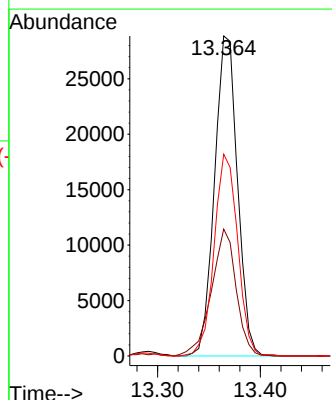
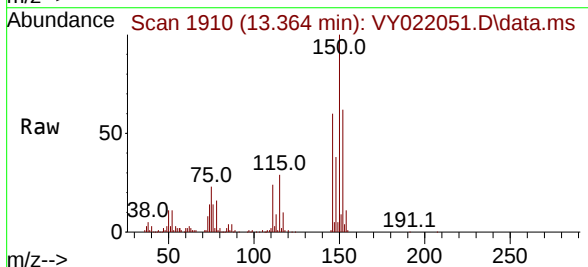
Tgt Ion:146 Resp: 44739

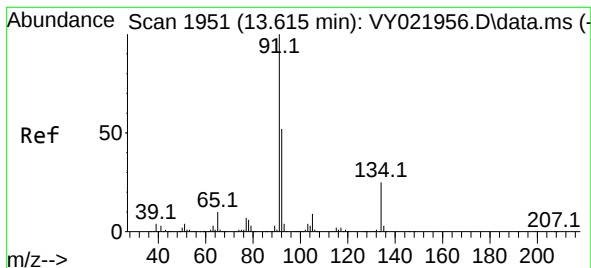
Ion Ratio Lower Upper

146 100

111 42.7 19.2 57.6

148 64.8 32.0 96.0





#89

n-Butylbenzene

Concen: 12.111 ug/l

RT: 13.620 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

HW0425-PT-VOA-SOILDL

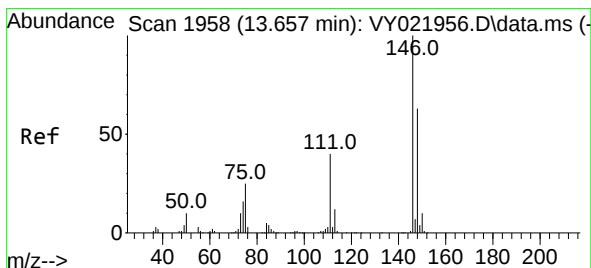
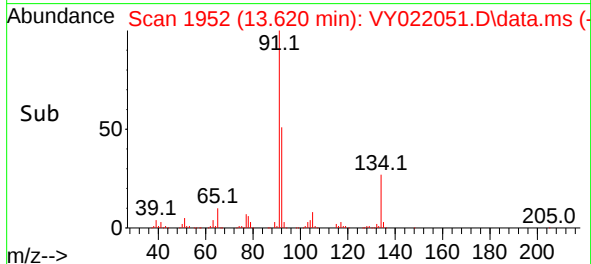
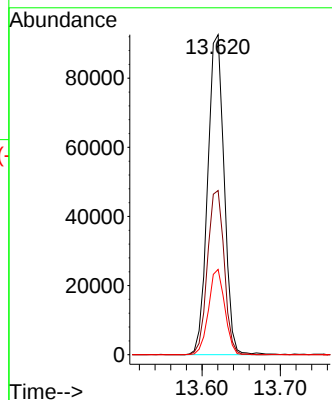
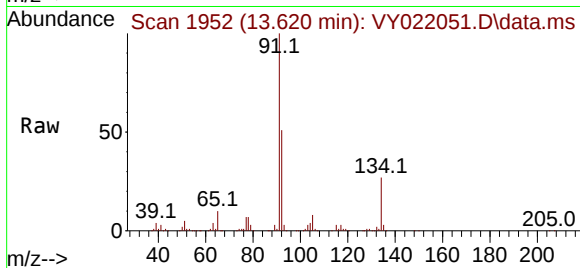
Tgt Ion: 91 Resp: 134799

Ion Ratio Lower Upper

91 100

92 52.0 26.5 79.5

134 26.3 13.4 40.1



#91

1,2-Dichlorobenzene

Concen: 12.895 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022051.D

Acq: 29 Apr 2025 12:22

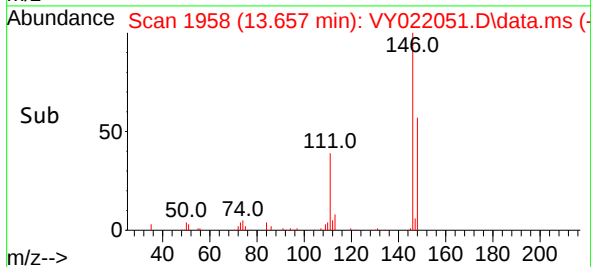
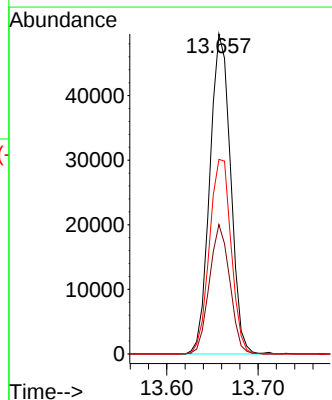
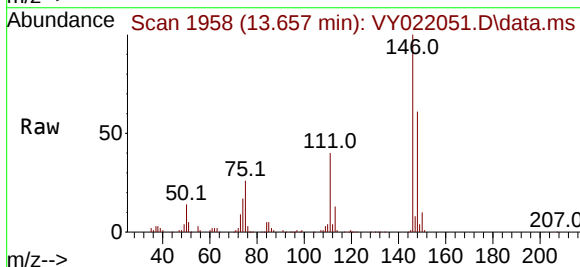
Tgt Ion:146 Resp: 78278

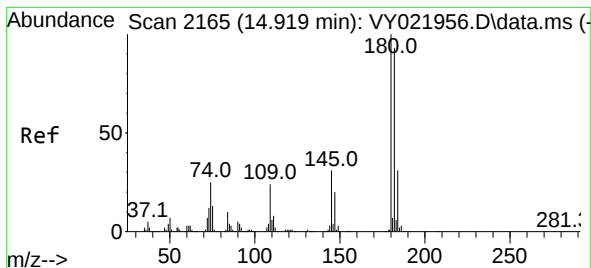
Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.1

148 63.6 32.1 96.3





#93

1,2,4-Trichlorobenzene

Concen: 12.064 ug/l

RT: 14.919 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022051.D

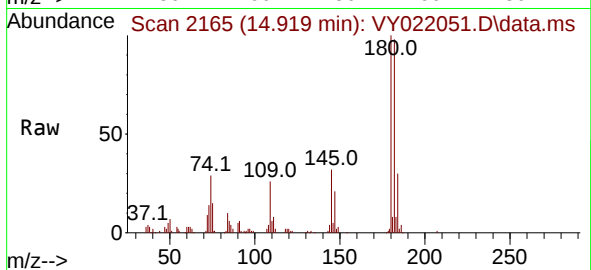
Acq: 29 Apr 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

HW0425-PT-VOA-SOILDL



Tgt Ion:180 Resp: 41502

Ion Ratio Lower Upper

180 100

182 94.9 47.1 141.4

145 29.5 15.0 45.0

