

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110625\
 Data File : VY023696.D
 Acq On : 06 Nov 2025 10:44
 Operator : SY/MD
 Sample : Q3483-23
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HW1025-PT-VOA-SOIL

Quant Time: Nov 07 04:14:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	531680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	813455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	703875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	354034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	228076	50.289	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.580%			
35) Dibromofluoromethane	7.640	113	248488	48.881	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.760%			
50) Toluene-d8	10.109	98	949946	50.165	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.320%			
62) 4-Bromofluorobenzene	12.407	95	297087	48.513	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.020%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	3.793	96	481777	101.419	ug/l	95
16) Acetone	3.866	43	356834	316.528	ug/l	98
19) Methyl tert-butyl Ether	5.122	73	910067	82.619	ug/l	99
20) Methylene Chloride	4.616	84	15875	2.917	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	339439	63.374	ug/l	96
25) 2-Butanone	6.890	43	171952	131.925	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	354504	57.952	ug/l	92
30) Chloroform	7.420	83	589811	61.590	ug/l	100
38) Carbon Tetrachloride	7.823	117	525907	65.709	ug/l	99
40) Benzene	8.079	78	2041641	95.351	ug/l	100
42) 1,2-Dichloroethane	8.158	62	1014816	187.335	ug/l	98
44) Trichloroethene	8.865	130	732269	119.069	ug/l	98
53) t-1,3-Dichloropropene	10.395	75	1013918	162.321	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	1382853	184.780	ug/l	98
59) 2-Hexanone	10.761	43	675252	352.236	ug/l	100
61) 1,2-Dibromoethane	11.017	107	99431	27.076	ug/l	98
64) Tetrachloroethene	10.645	164	521687	71.208	ug/l	97
65) Chlorobenzene	11.444	112	350689	22.886	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	354860	65.491	ug/l	99
67) Ethyl Benzene	11.517	91	567291	22.874	ug/l	97
68) m/p-Xylenes	11.627	106	1922231	193.996	ug/l	99
69) o-Xylene	11.956	106	1812923	197.930	ug/l	98
70) Styrene	11.968	104	1730175	114.486	ug/l	92
71) Bromoform	12.133	173	343729	108.617	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	610157	161.343	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	410876	143.400	ug/l #	100
79) 2-Chlorotoluene	12.682	91	1468830	90.881	ug/l	100
83) tert-Butylbenzene	12.999	119	2478715	141.463	ug/l	98
84) 1,2,4-Trimethylbenzene	13.041	105	3851184	202.108	ug/l	100
86) p-Isopropyltoluene	13.291	119	4278014	199.958	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	650411	53.803	ug/l	100
88) 1,4-Dichlorobenzene	13.364	146	967739	81.494	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	950793	159.556	ug/l	99
95) Naphthalene	15.145	128	646088	60.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	8736	1.755	ug/l	92

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Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

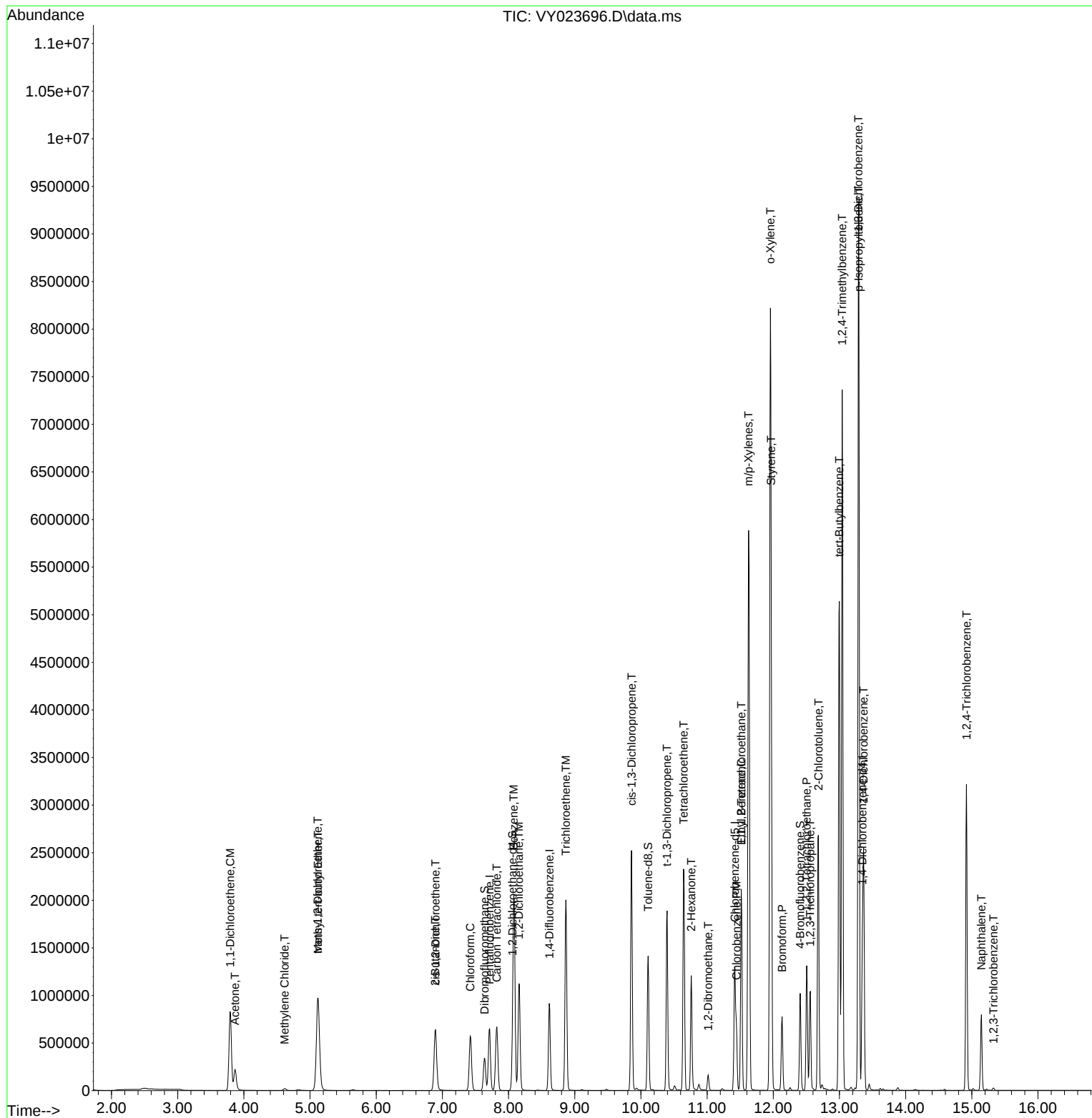
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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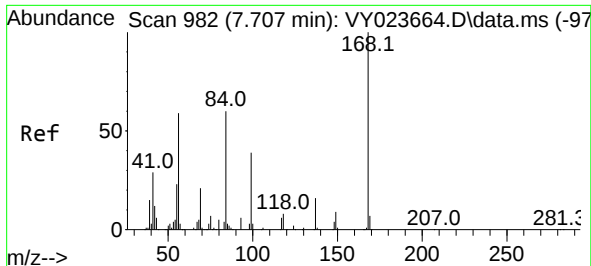
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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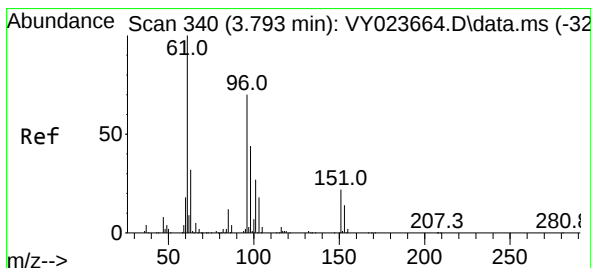
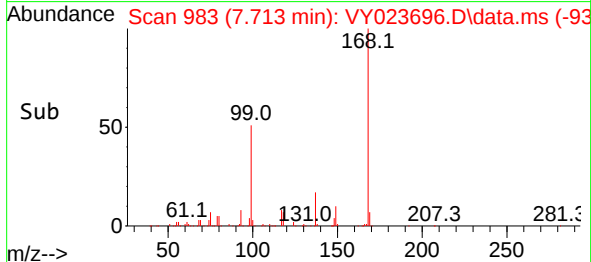
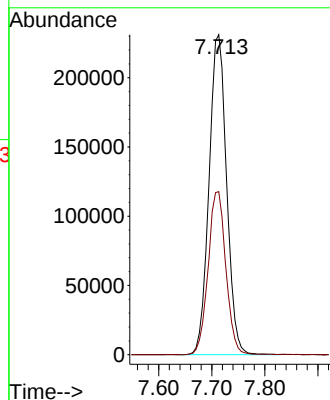
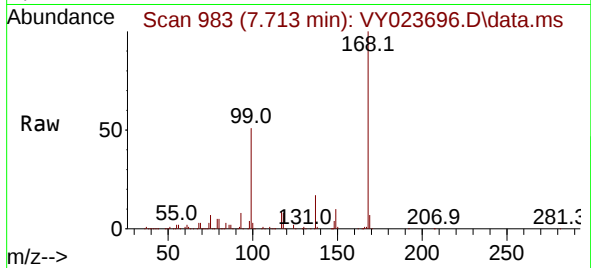




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

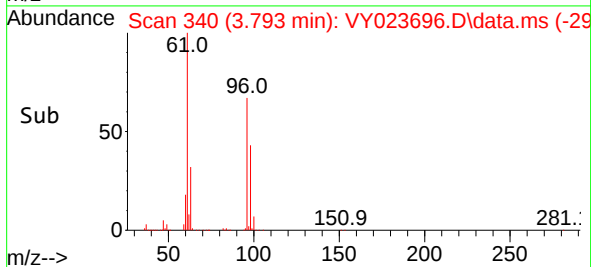
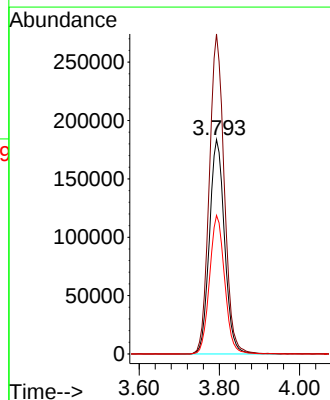
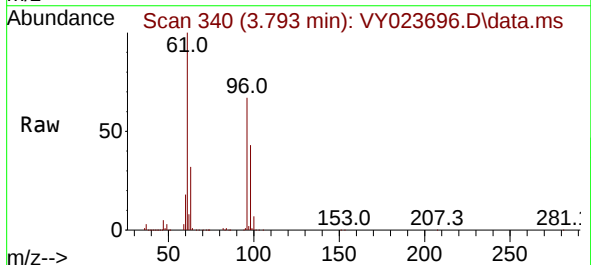
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

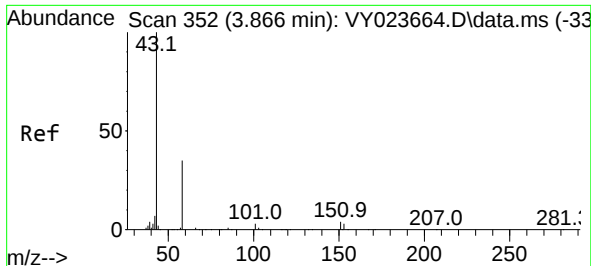
Tgt Ion:168 Resp: 531680
Ion Ratio Lower Upper
168 100
99 51.0 41.0 61.4



#12
1,1-Dichloroethene
Concen: 101.419 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion: 96 Resp: 481777
Ion Ratio Lower Upper
96 100
61 149.2 114.0 171.0
98 64.6 50.2 75.2

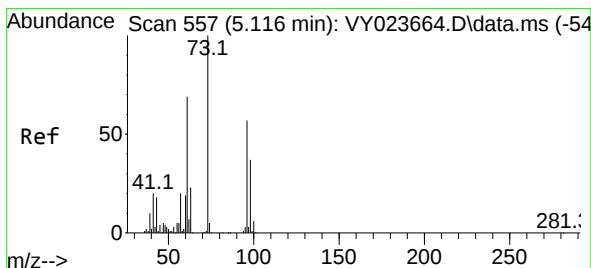
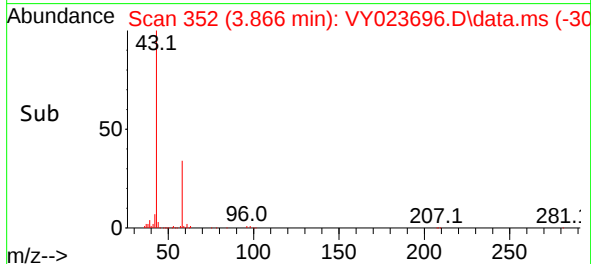
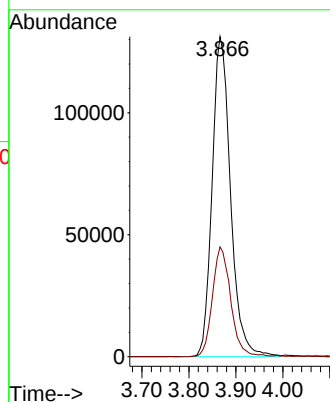
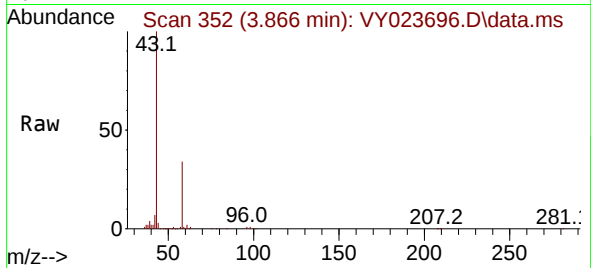




#16
Acetone
Concen: 316.528 ug/l
RT: 3.866 min Scan# 316
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

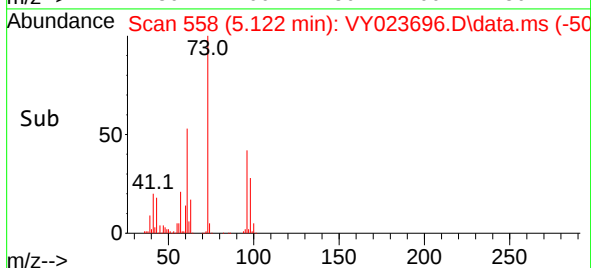
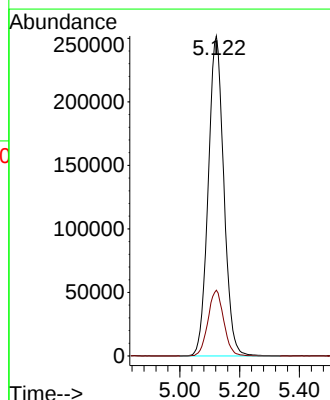
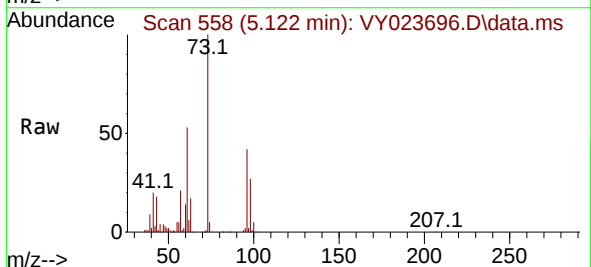
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

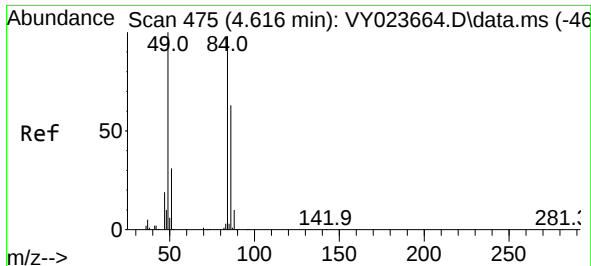
Tgt Ion: 43 Resp: 356834
Ion Ratio Lower Upper
43 100
58 34.3 28.2 42.4



#19
Methyl tert-butyl Ether
Concen: 82.619 ug/l
RT: 5.122 min Scan# 558
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion: 73 Resp: 910067
Ion Ratio Lower Upper
73 100
57 20.6 16.1 24.1

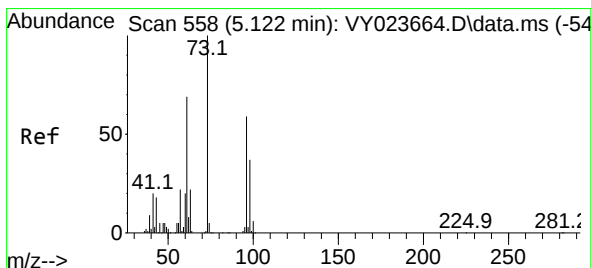
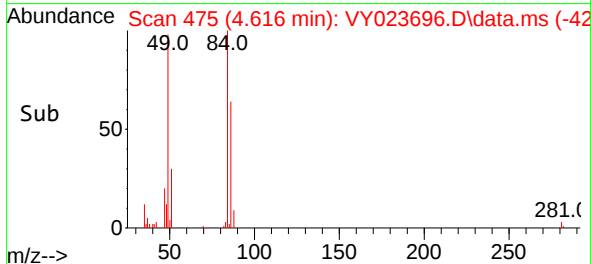
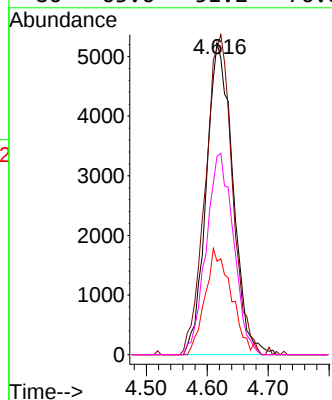
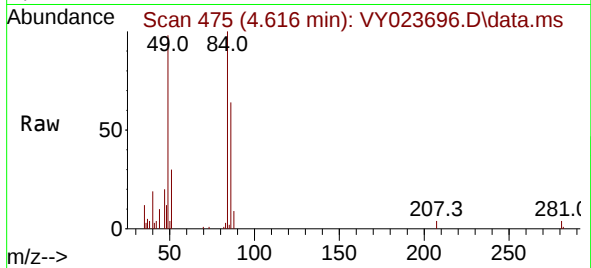




#20
Methylene Chloride
Concen: 2.917 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

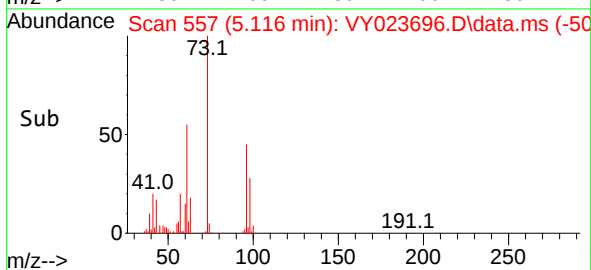
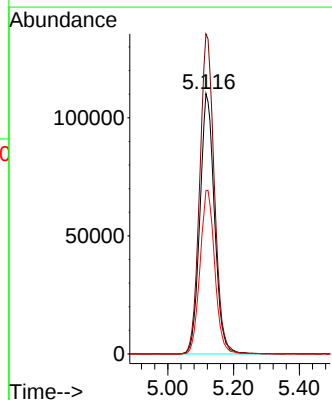
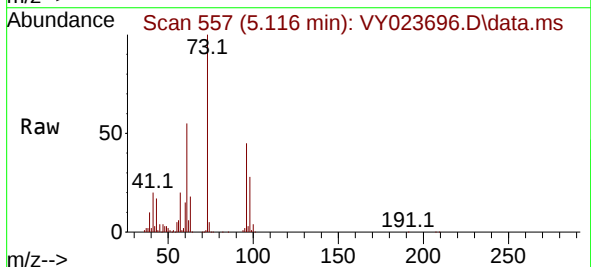
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

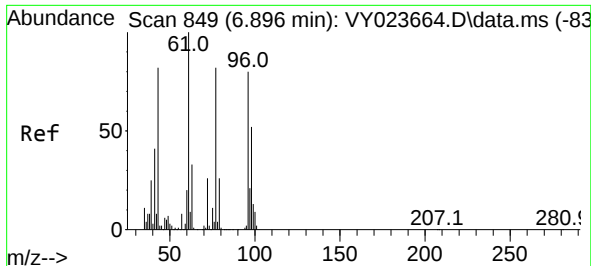
Tgt Ion:	84	Resp:	15875
Ion	Ratio	Lower	Upper
84	100		
49	98.2	81.5	122.3
51	30.0	25.5	38.3
86	63.6	51.2	76.8



#21
trans-1,2-Dichloroethene
Concen: 63.374 ug/l
RT: 5.116 min Scan# 557
Delta R.T. -0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion:	96	Resp:	339439
Ion	Ratio	Lower	Upper
96	100		
61	122.9	93.3	139.9
98	62.8	50.6	75.8

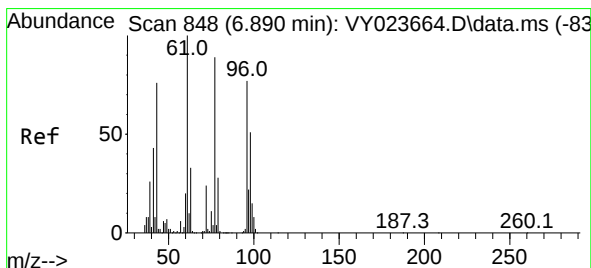
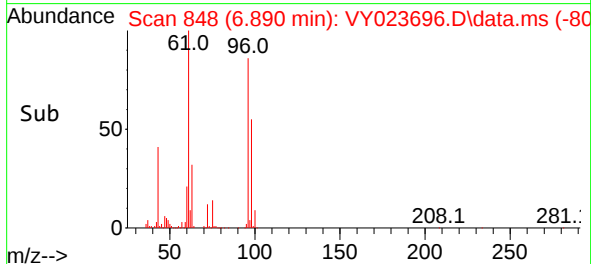
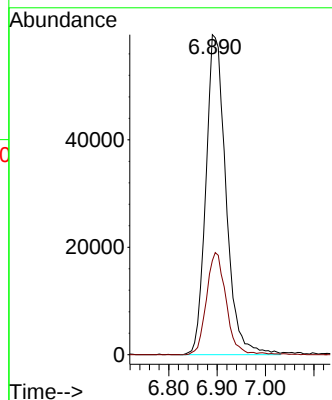
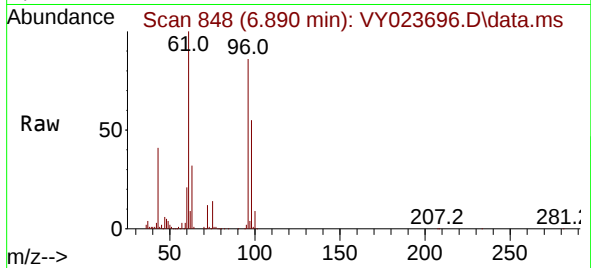




#25
2-Butanone
Concen: 131.925 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

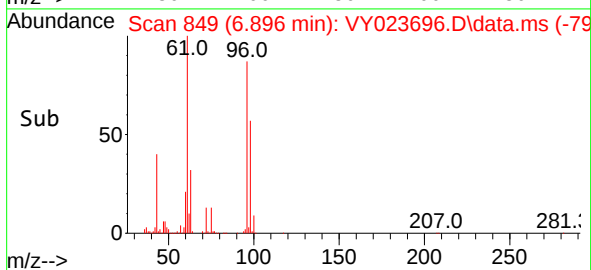
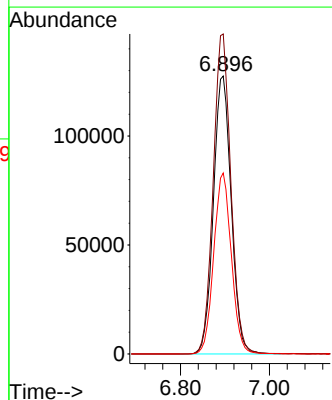
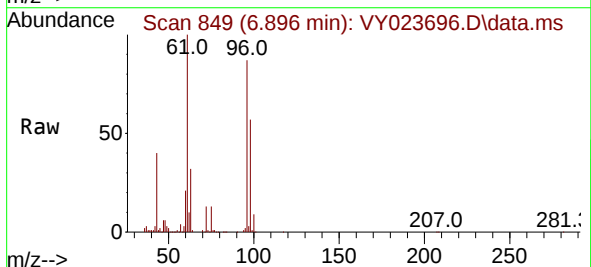
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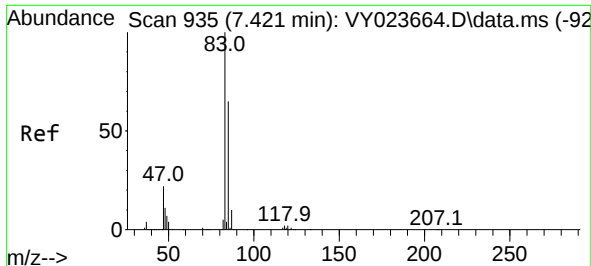
Tgt Ion: 43 Resp: 171952
Ion Ratio Lower Upper
43 100
72 29.4 25.7 38.5



#27
cis-1,2-Dichloroethene
Concen: 57.952 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion: 96 Resp: 354504
Ion Ratio Lower Upper
96 100
61 114.1 0.0 255.0
98 64.3 0.0 129.8

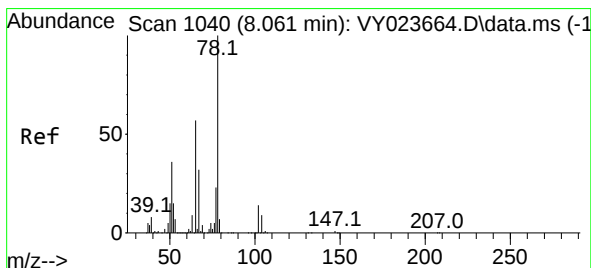
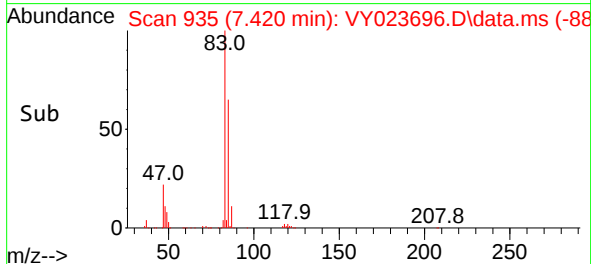
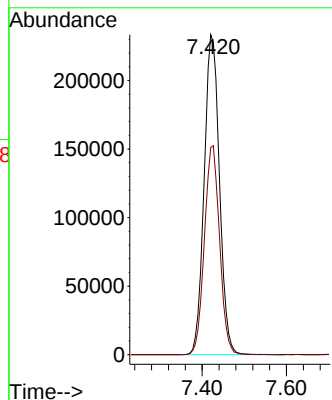
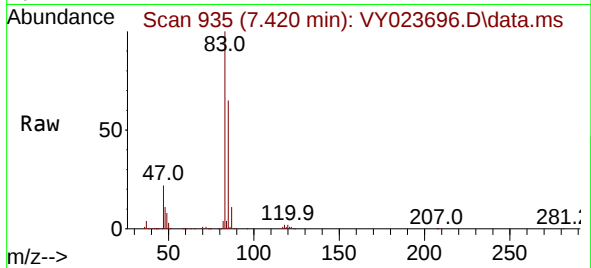




#30
Chloroform
Concen: 61.590 ug/l
RT: 7.420 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

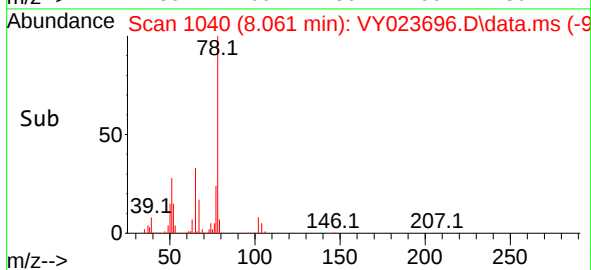
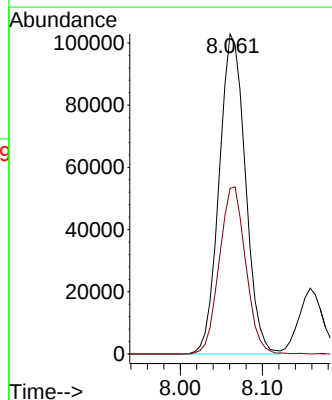
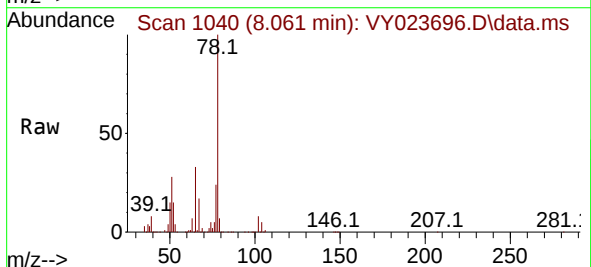
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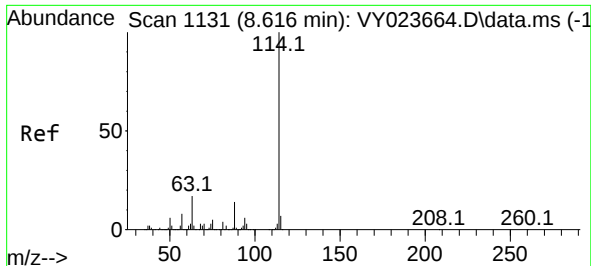
Tgt Ion: 83 Resp: 589811
Ion Ratio Lower Upper
83 100
85 64.7 52.1 78.1



#33
1,2-Dichloroethane-d4
Concen: 50.289 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion: 65 Resp: 228076
Ion Ratio Lower Upper
65 100
67 52.5 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

HW1025-PT-VOA-SOIL

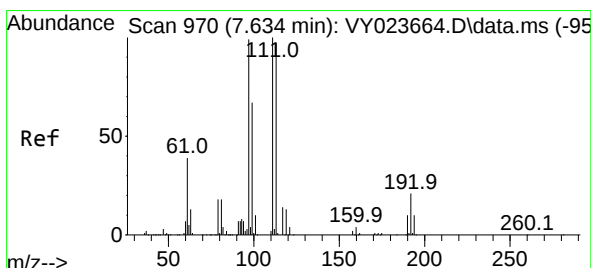
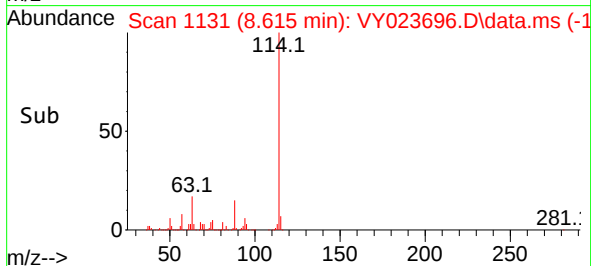
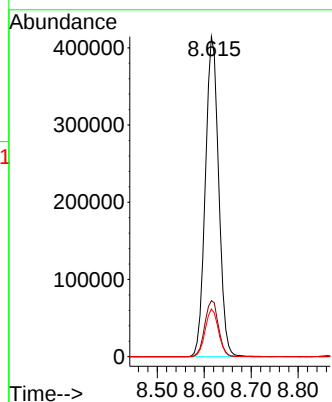
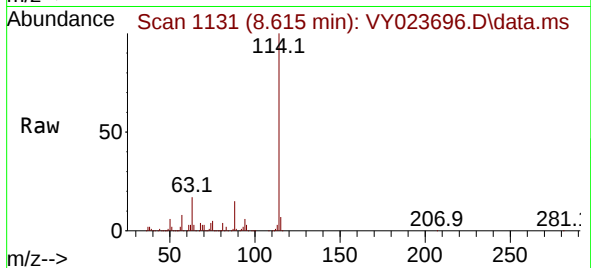
Tgt Ion:114 Resp: 813455

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.8

88 14.9 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.881 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

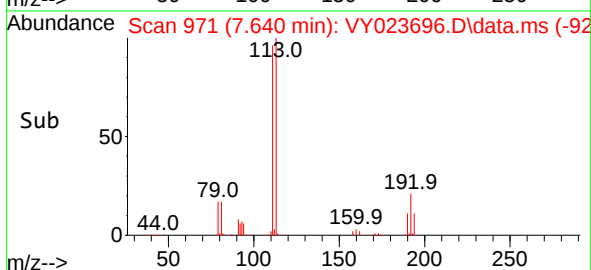
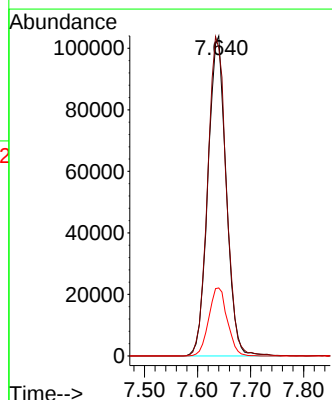
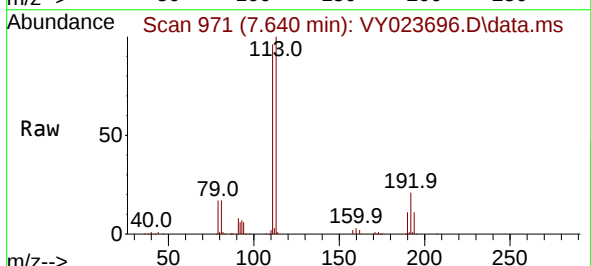
Tgt Ion:113 Resp: 248488

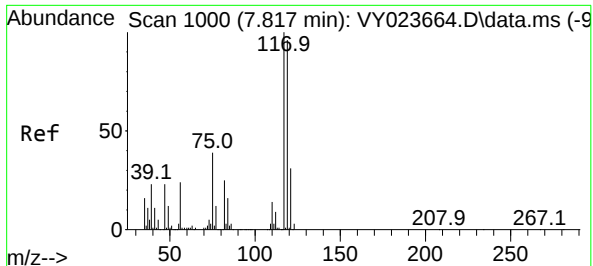
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 21.6 17.3 25.9

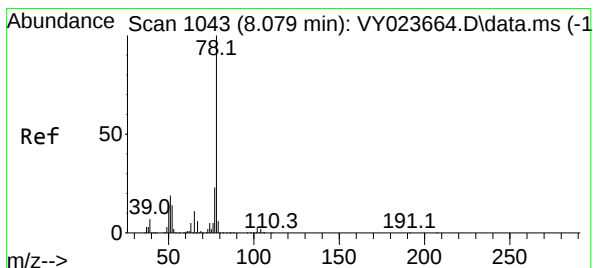
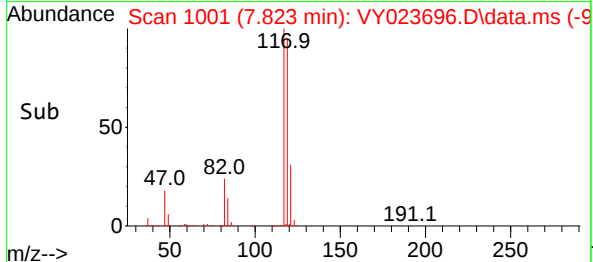
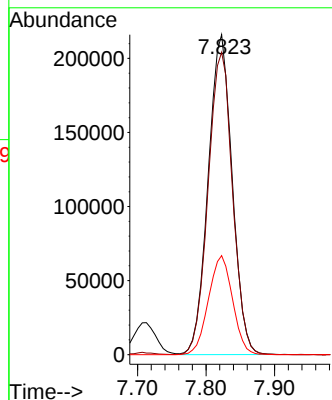
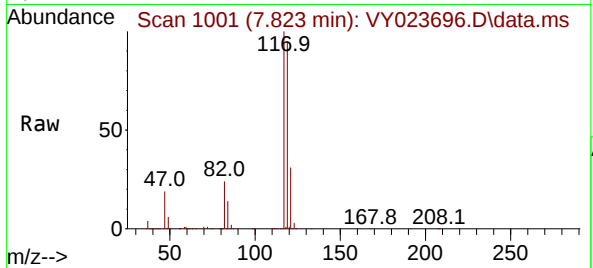




#38
Carbon Tetrachloride
Concen: 65.709 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

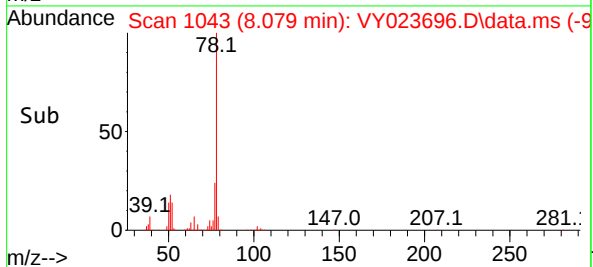
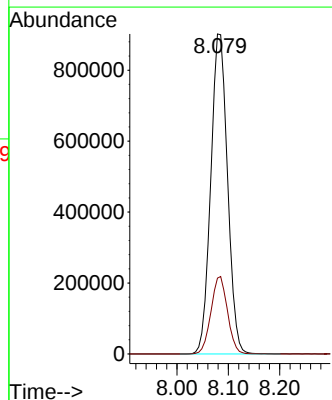
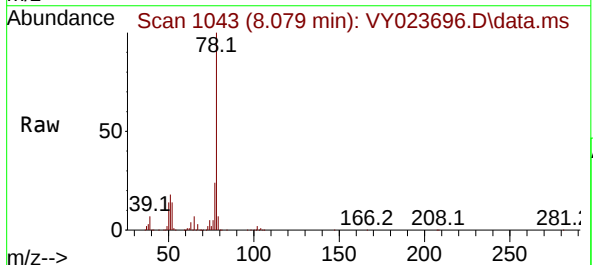
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

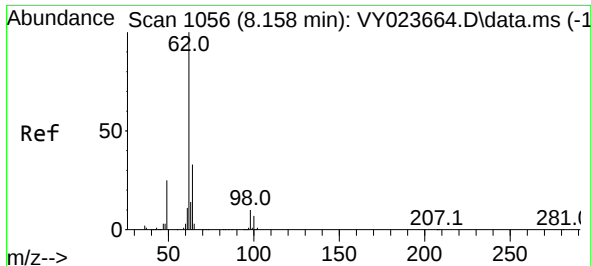
Tgt Ion:117 Resp: 525907
Ion Ratio Lower Upper
117 100
119 94.5 76.3 114.5
121 31.0 24.8 37.2



#40
Benzene
Concen: 95.351 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion: 78 Resp: 2041641
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





#42

1,2-Dichloroethane

Concen: 187.335 ug/l

RT: 8.158 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

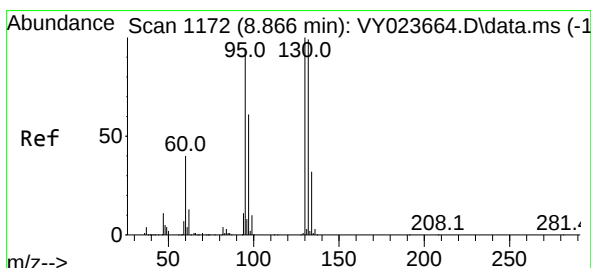
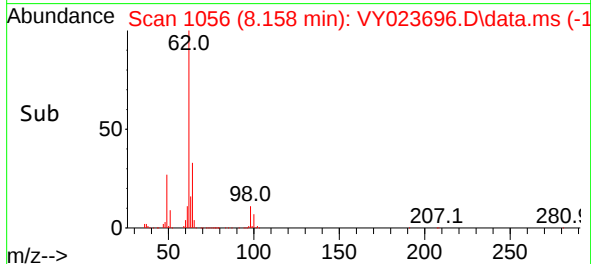
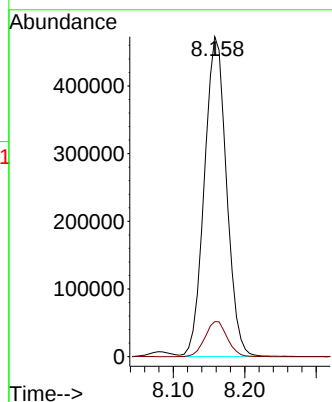
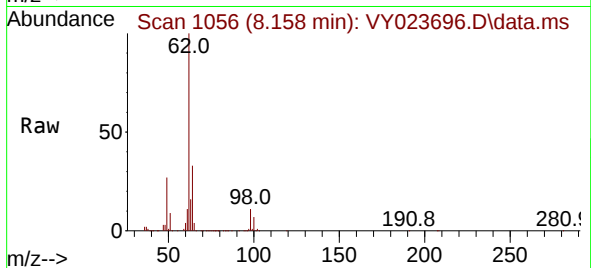
HW1025-PT-VOA-SOIL

Tgt Ion: 62 Resp: 1014816

Ion Ratio Lower Upper

62 100

98 11.1 0.0 21.0



#44

Trichloroethene

Concen: 119.069 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY023696.D

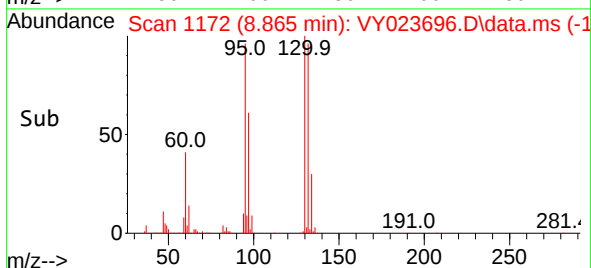
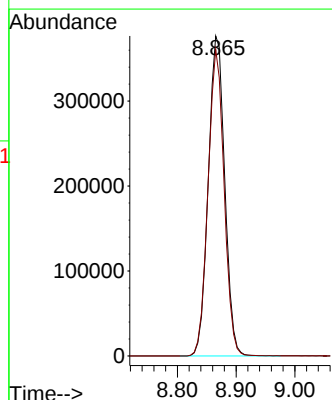
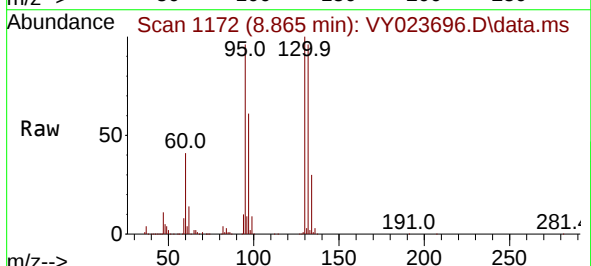
Acq: 06 Nov 2025 10:44

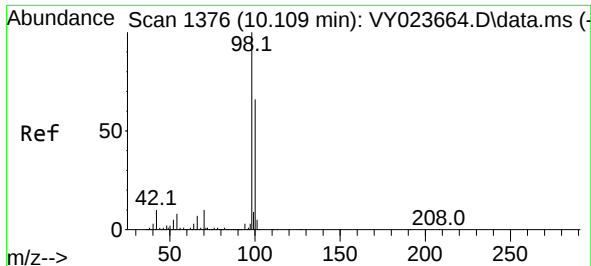
Tgt Ion:130 Resp: 732269

Ion Ratio Lower Upper

130 100

95 95.7 0.0 187.0

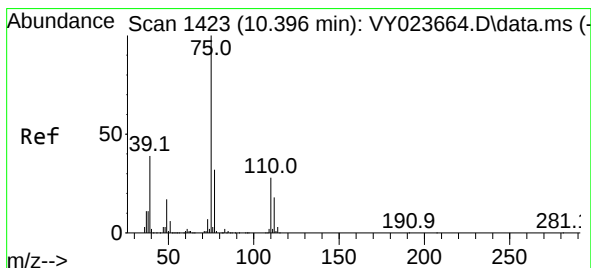
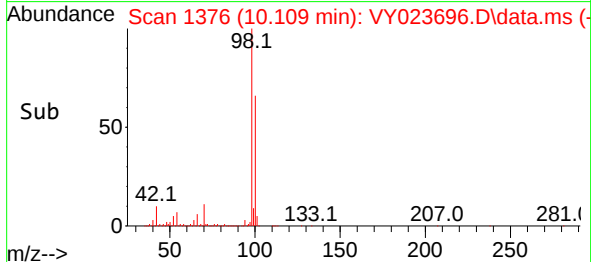
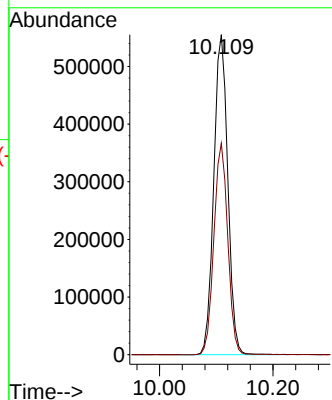
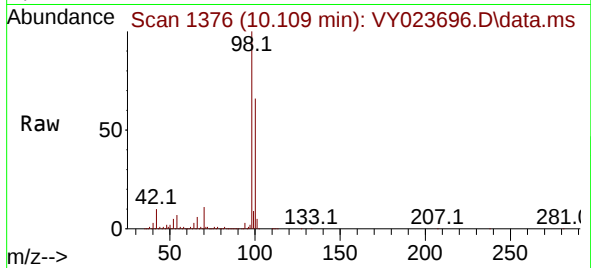




#50
Toluene-d8
Concen: 50.165 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

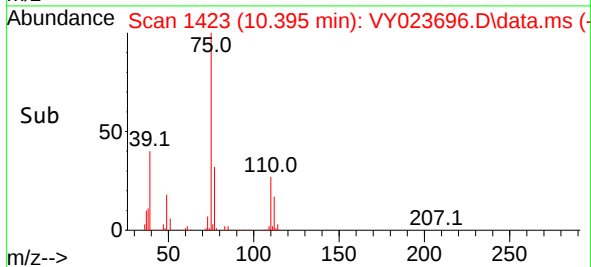
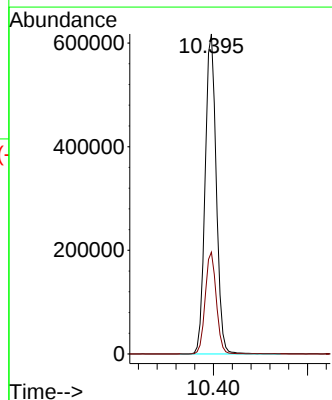
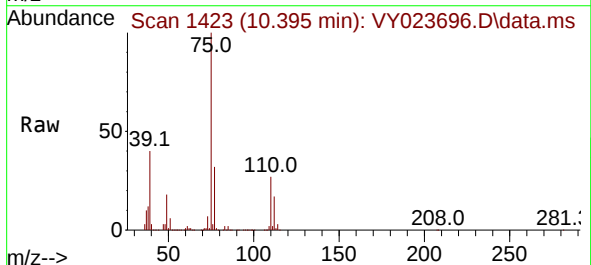
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

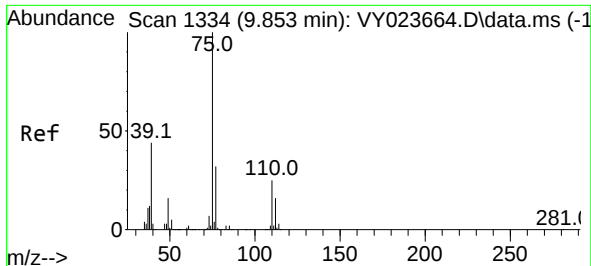
Tgt Ion: 98 Resp: 949946
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#53
t-1,3-Dichloropropene
Concen: 162.321 ug/l
RT: 10.395 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion: 75 Resp: 1013918
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

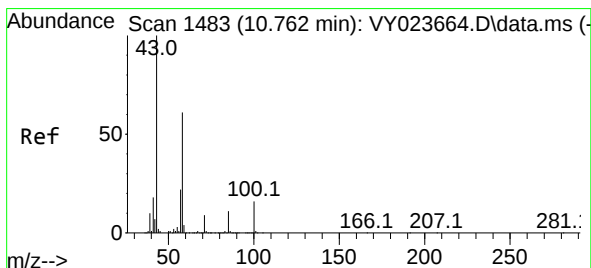
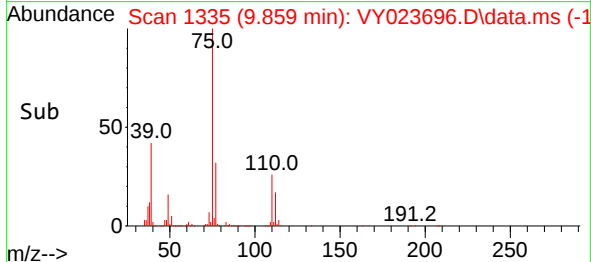
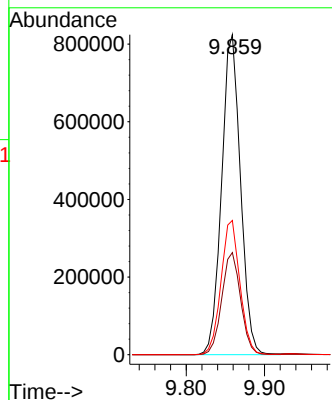
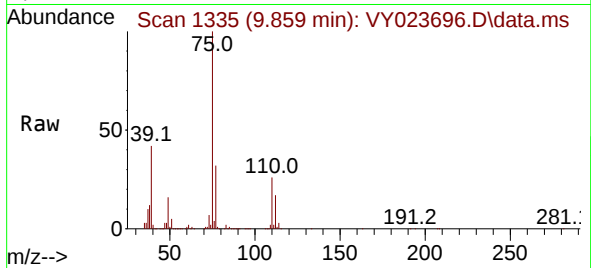




#54
cis-1,3-Dichloropropene
Concen: 184.780 ug/l
RT: 9.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

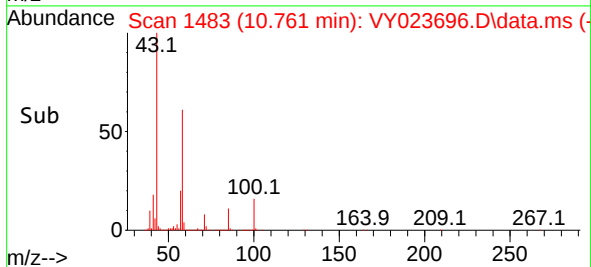
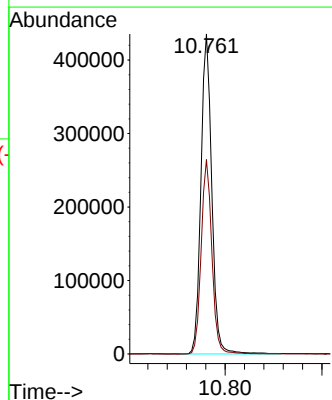
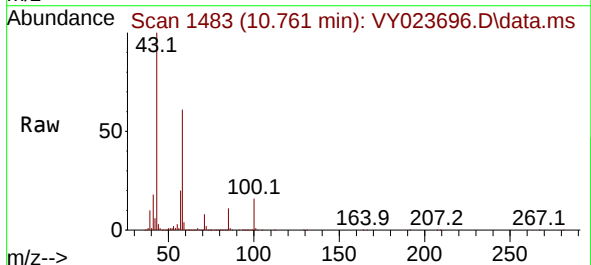
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

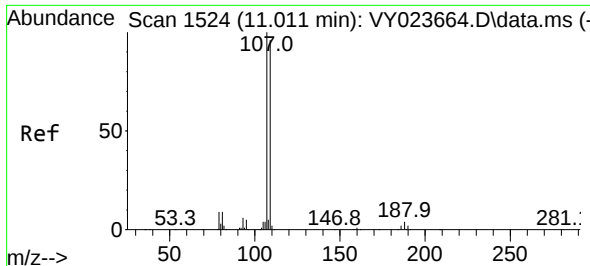
Tgt Ion: 75 Resp: 1382853
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
39 41.9 34.9 52.3



#59
2-Hexanone
Concen: 352.236 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion: 43 Resp: 675252
Ion Ratio Lower Upper
43 100
58 60.1 30.2 90.6

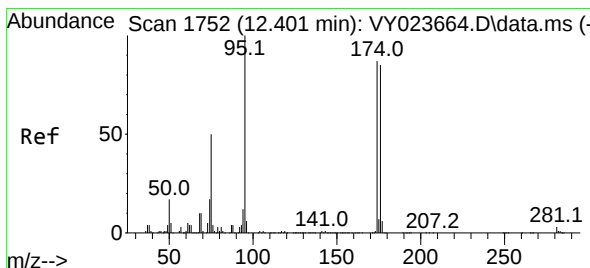
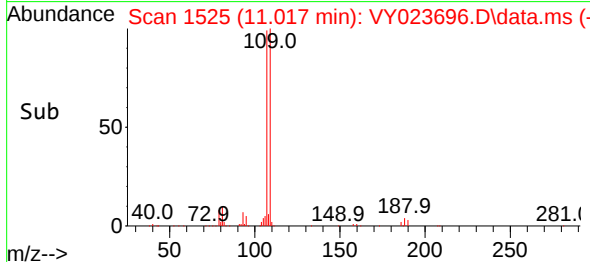
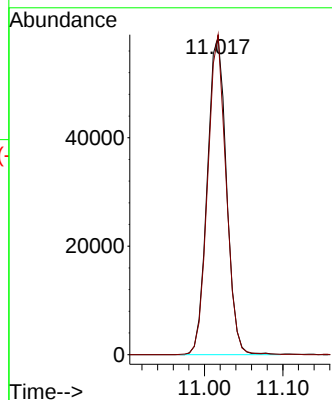
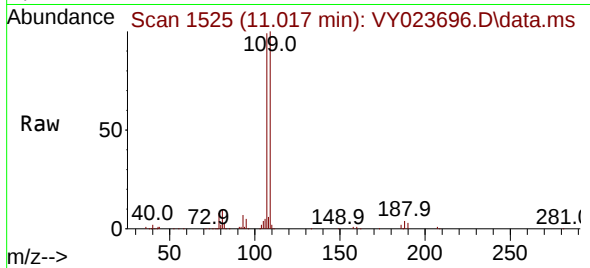




#61
1,2-Dibromoethane
Concen: 27.076 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

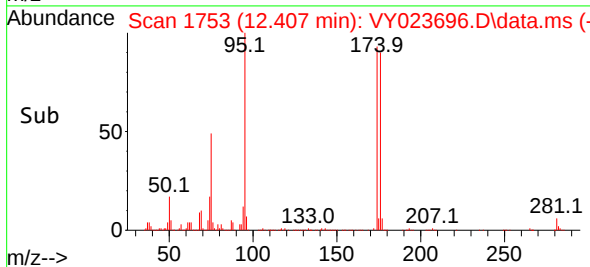
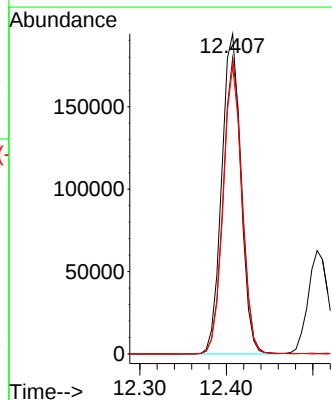
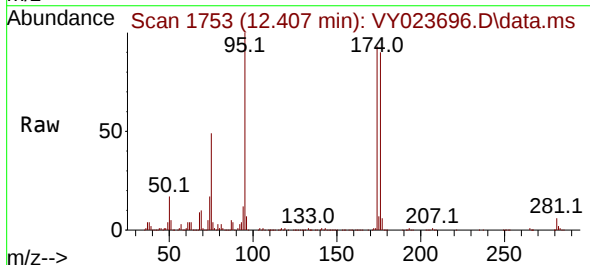
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

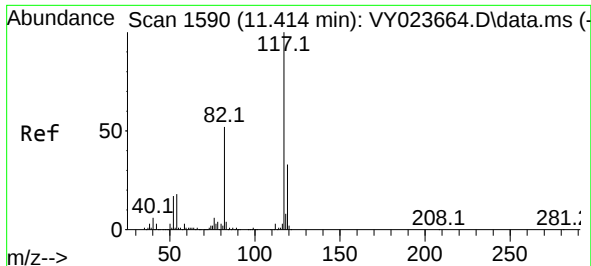
Tgt Ion:107 Resp: 99431
Ion Ratio Lower Upper
107 100
109 96.8 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 48.513 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion: 95 Resp: 297087
Ion Ratio Lower Upper
95 100
174 91.7 0.0 184.8
176 88.1 0.0 181.6

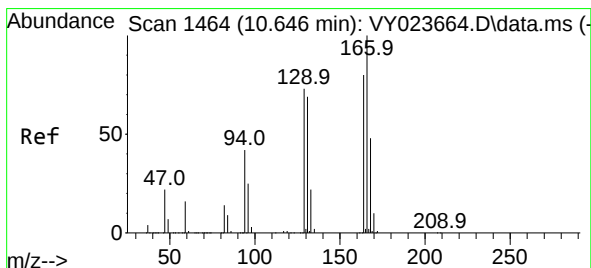
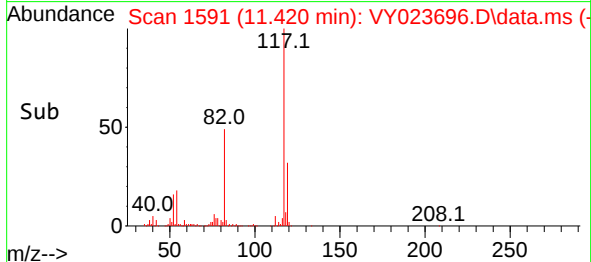
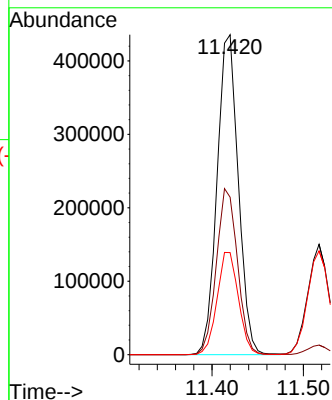
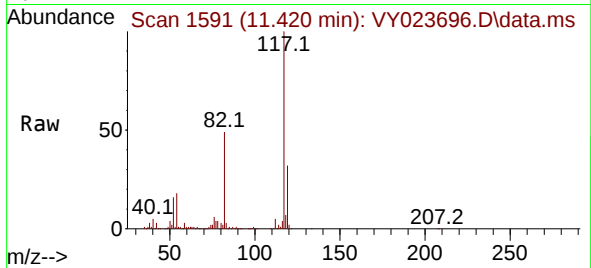




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

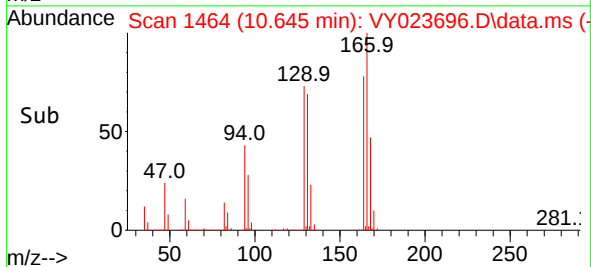
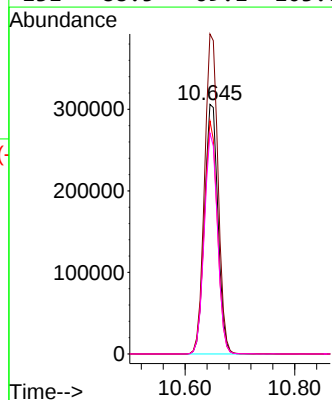
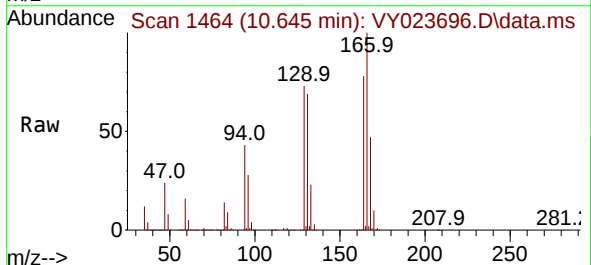
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

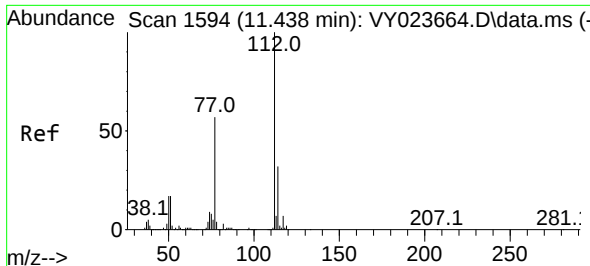
Tgt Ion:117 Resp: 703875
Ion Ratio Lower Upper
117 100
82 49.2 41.2 61.8
119 31.9 26.2 39.2



#64
Tetrachloroethene
Concen: 71.208 ug/l
RT: 10.645 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion:164 Resp: 521687
Ion Ratio Lower Upper
164 100
166 128.2 99.5 149.3
129 93.4 72.3 108.5
131 88.5 69.1 103.7

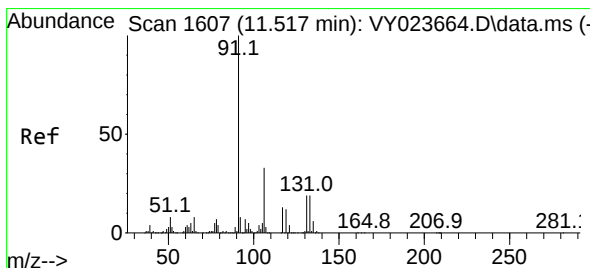
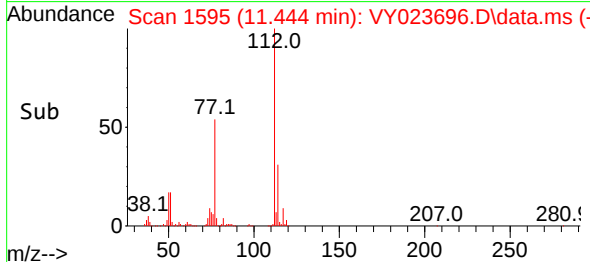
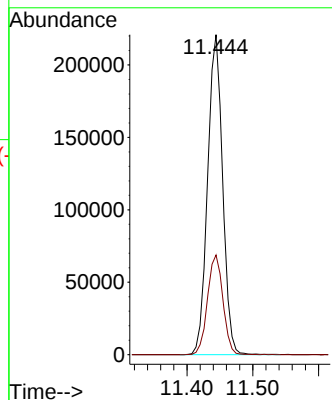
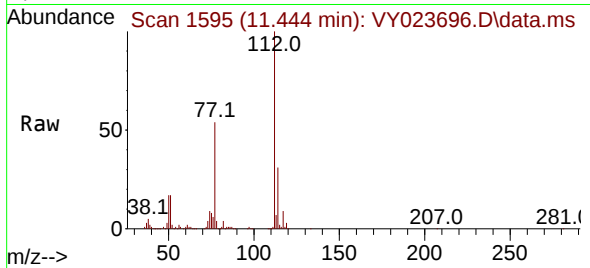




#65
Chlorobenzene
Concen: 22.886 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

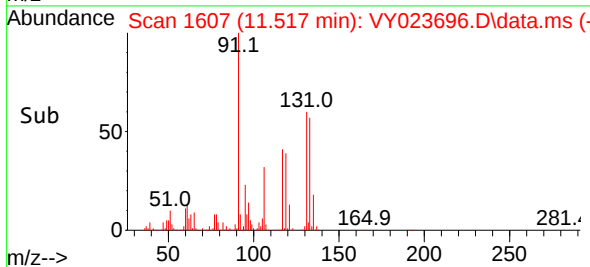
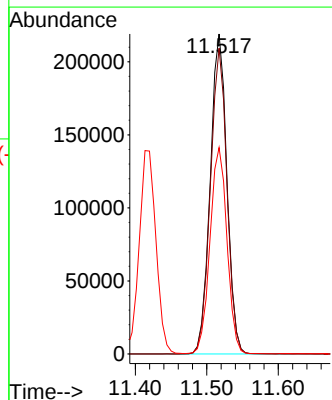
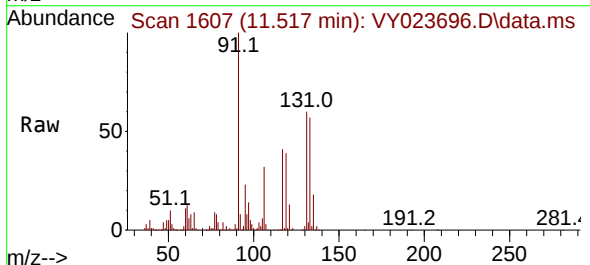
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

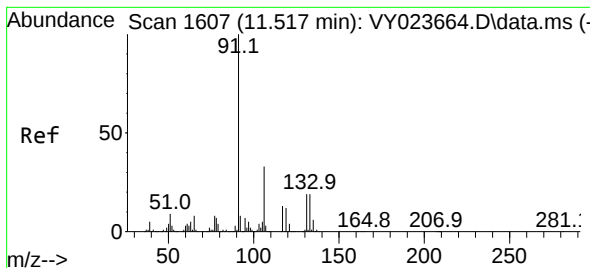
Tgt Ion:112 Resp: 350689
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 65.491 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion:131 Resp: 354860
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.8
119 65.8 32.5 97.4





#67

Ethyl Benzene

Concen: 22.874 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

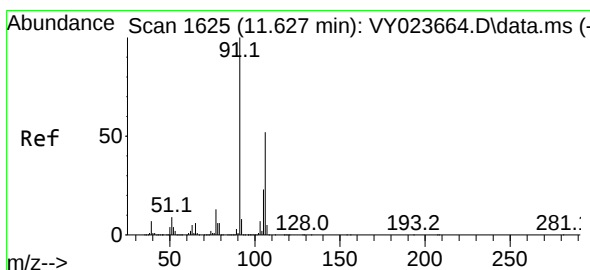
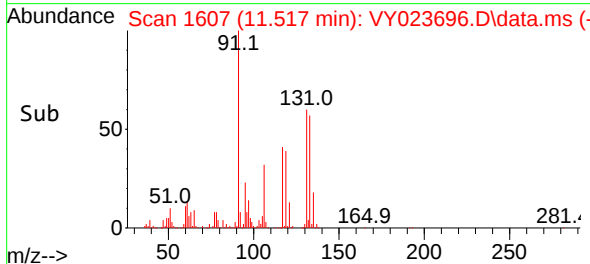
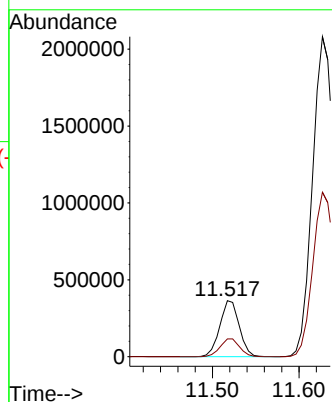
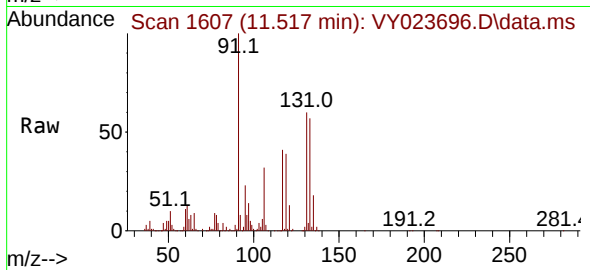
HW1025-PT-VOA-SOIL

Tgt Ion: 91 Resp: 567291

Ion Ratio Lower Upper

91 100

106 31.9 26.6 40.0



#68

m/p-Xylenes

Concen: 193.996 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023696.D

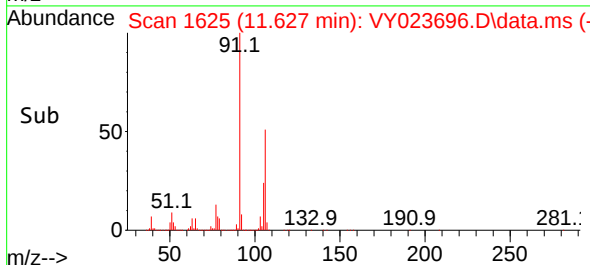
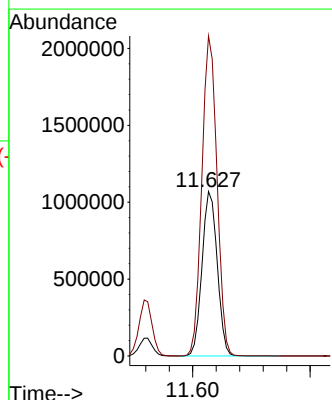
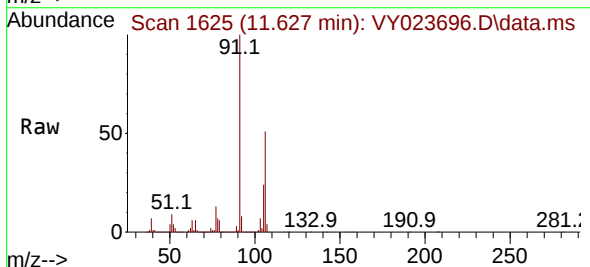
Acq: 06 Nov 2025 10:44

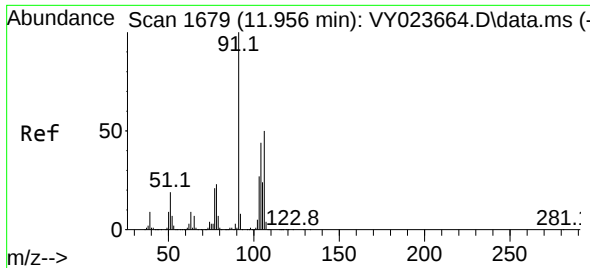
Tgt Ion:106 Resp: 1922231

Ion Ratio Lower Upper

106 100

91 194.0 154.3 231.5

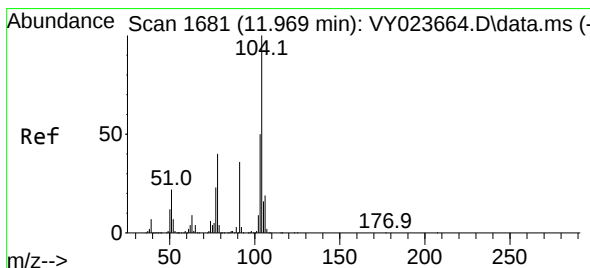
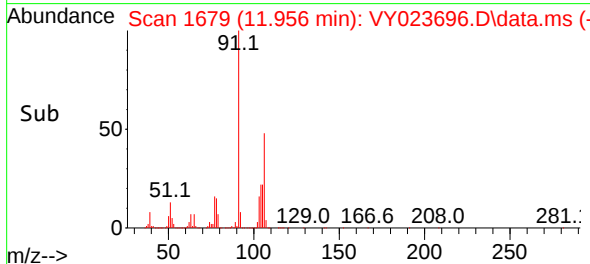
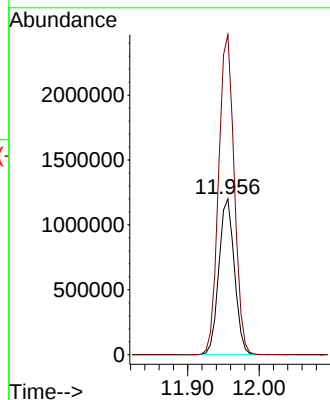
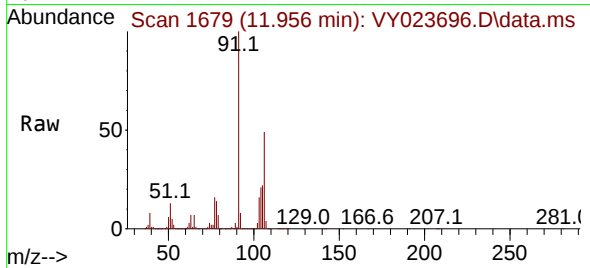




#69
o-Xylene
Concen: 197.930 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

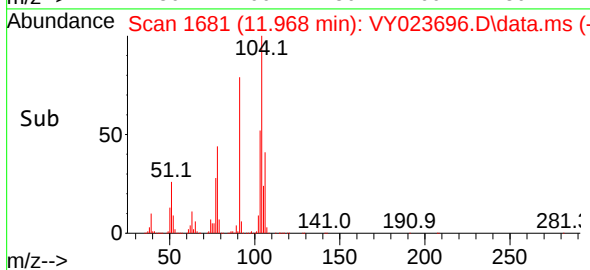
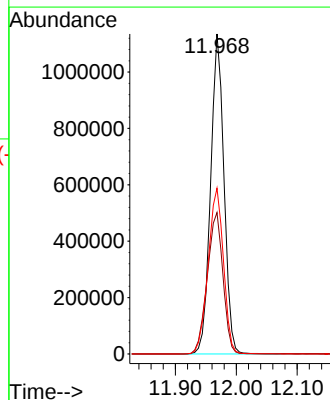
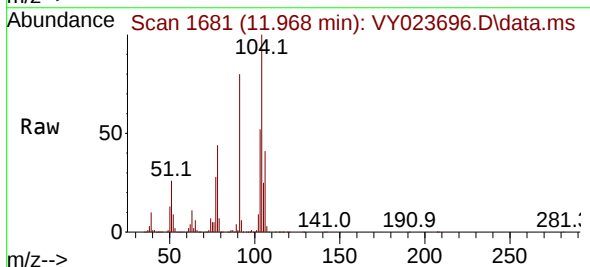
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

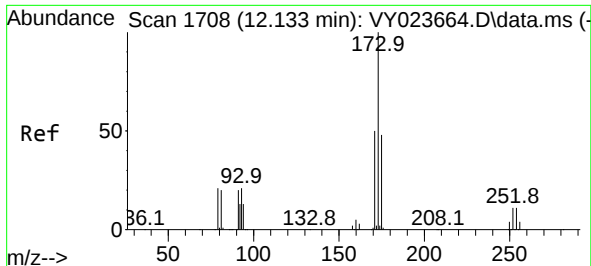
Tgt Ion:106 Resp: 1812923
Ion Ratio Lower Upper
106 100
91 206.5 101.6 304.6



#70
Styrene
Concen: 114.486 ug/l
RT: 11.968 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion:104 Resp: 1730175
Ion Ratio Lower Upper
104 100
78 51.9 36.5 54.7
103 59.4 43.7 65.5

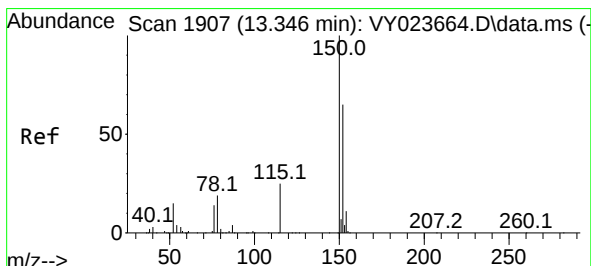
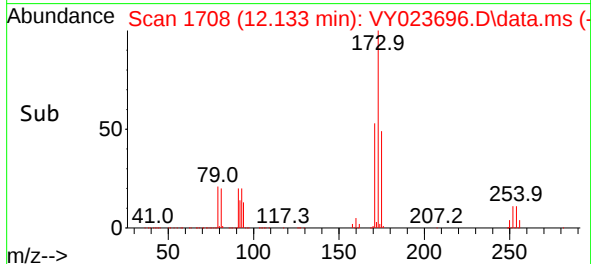
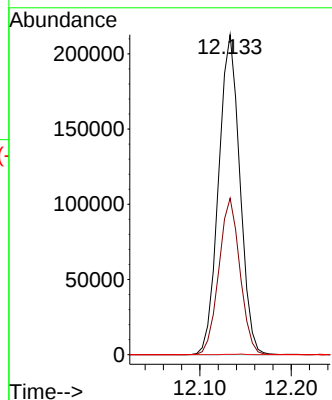
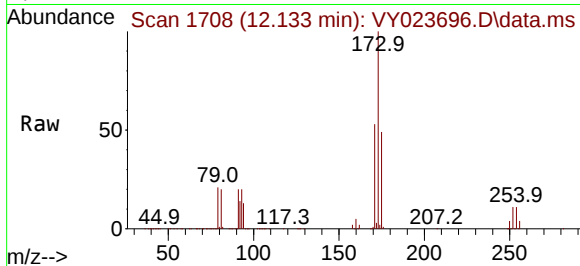




#71
Bromoform
Concen: 108.617 ug/l
RT: 12.133 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

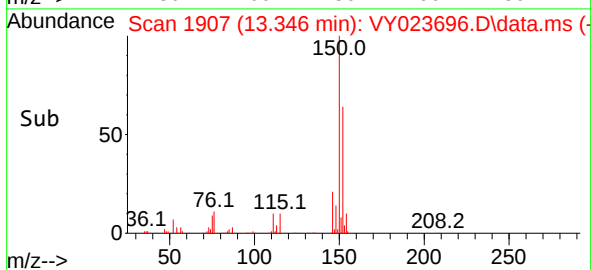
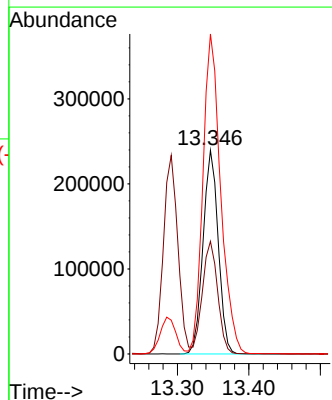
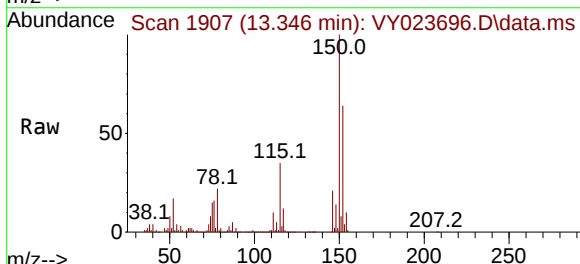
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

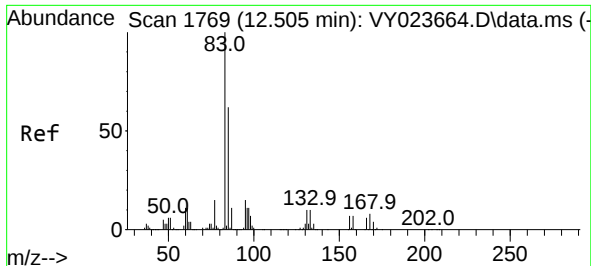
Tgt Ion:173 Resp: 343729
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion:152 Resp: 354034
Ion Ratio Lower Upper
152 100
115 55.7 27.5 82.5
150 183.0 0.0 349.0

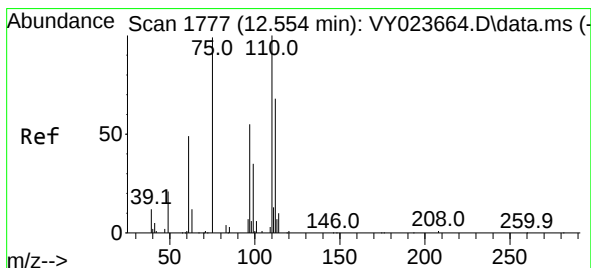
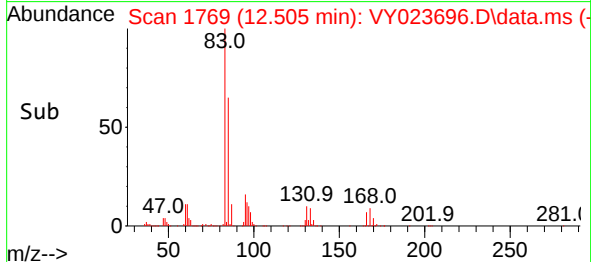
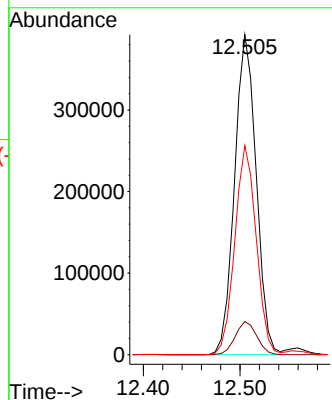
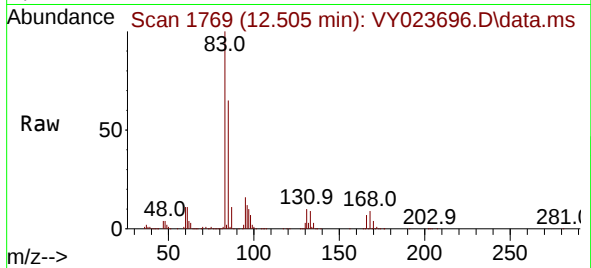




#75
1,1,2-Tetrachloroethane
Concen: 161.343 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

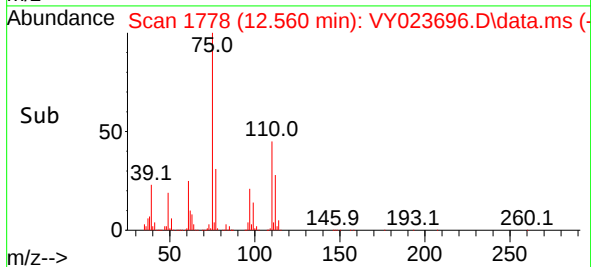
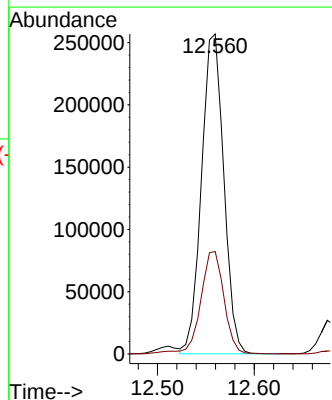
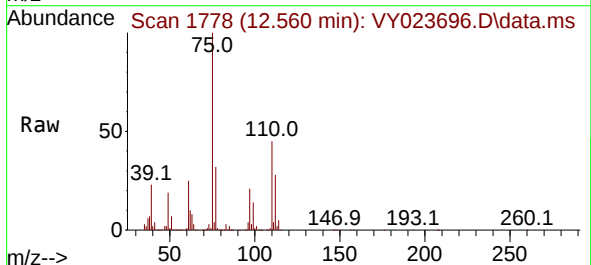
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

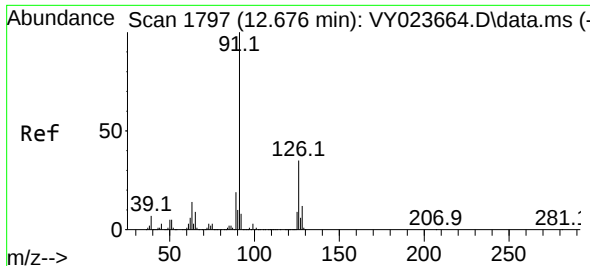
Tgt Ion: 83 Resp: 610157
Ion Ratio Lower Upper
83 100
131 10.3 5.7 17.0
85 64.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 143.400 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion: 75 Resp: 410876
Ion Ratio Lower Upper
75 100
77 33.7 0.0 0.0#





#79

2-Chlorotoluene

Concen: 90.881 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

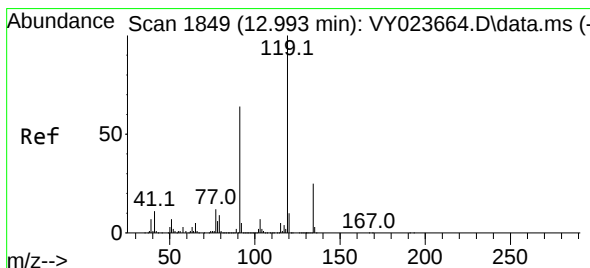
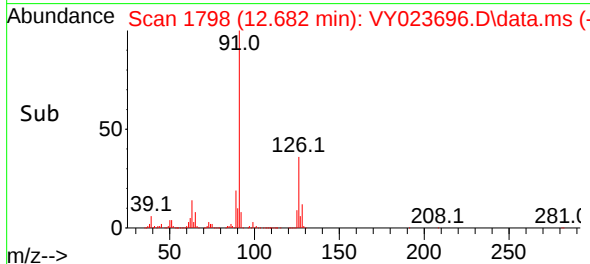
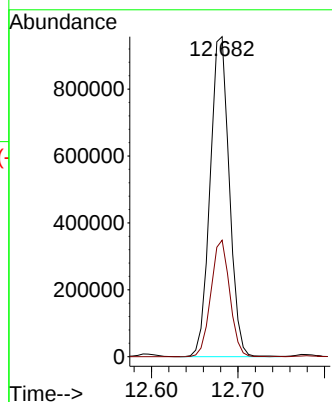
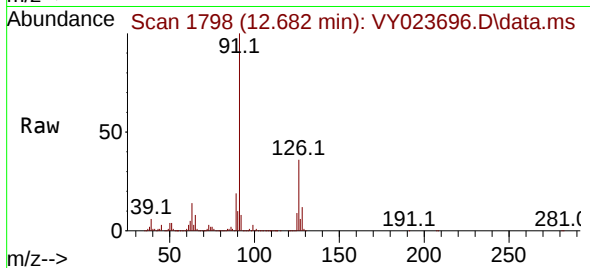
HW1025-PT-VOA-SOIL

Tgt Ion: 91 Resp: 1468830

Ion Ratio Lower Upper

91 100

126 35.8 18.0 54.0



#83

tert-Butylbenzene

Concen: 141.463 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

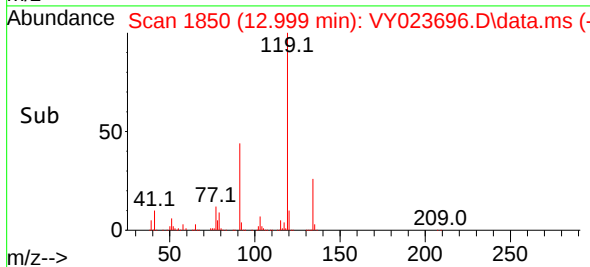
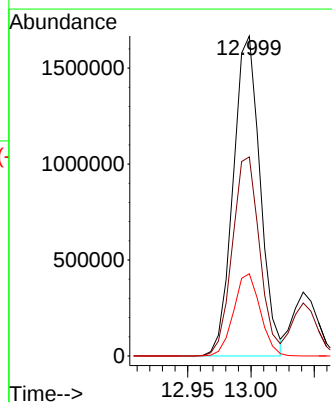
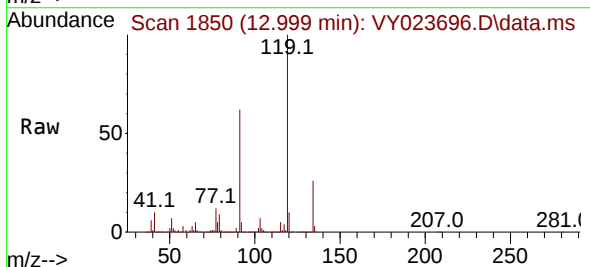
Tgt Ion: 119 Resp: 2478715

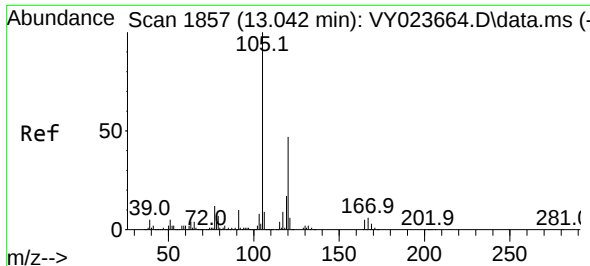
Ion Ratio Lower Upper

119 100

91 63.1 30.7 92.1

134 25.3 13.1 39.1

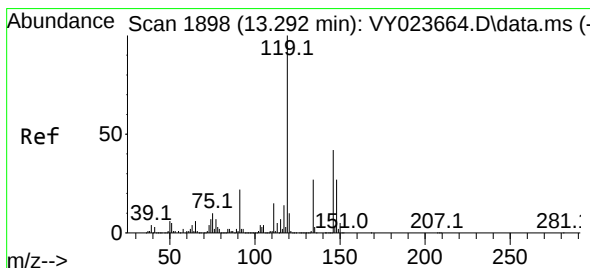
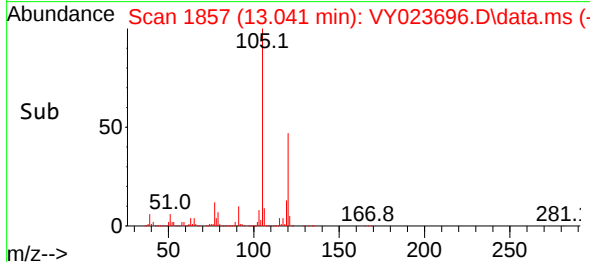
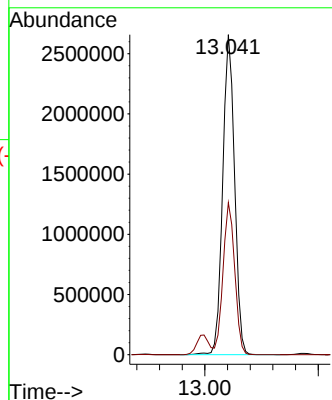
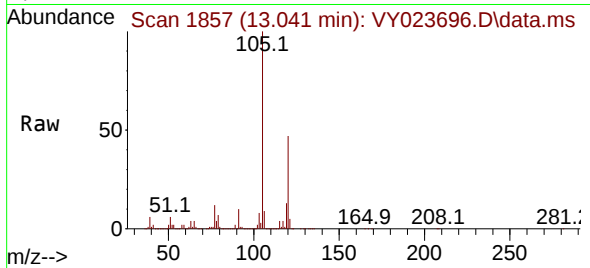




#84
1,2,4-Trimethylbenzene
Concen: 202.108 ug/l
RT: 13.041 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

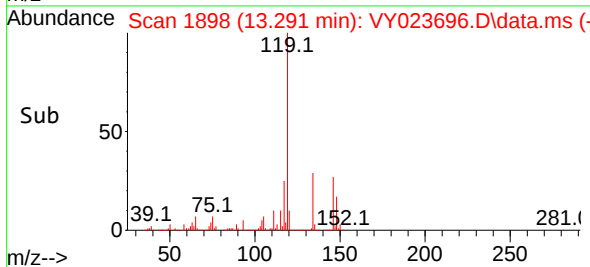
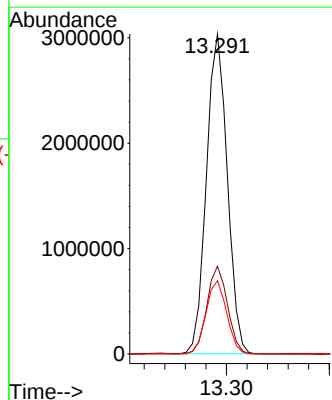
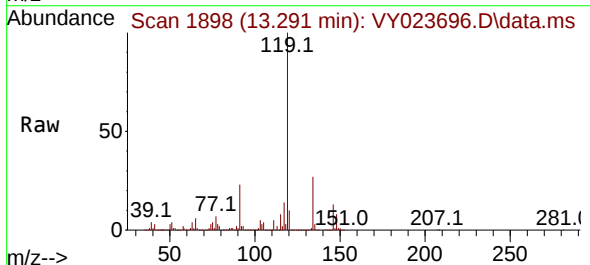
Instrument :
MSVOA_Y
ClientSampleId :
HW1025-PT-VOA-SOIL

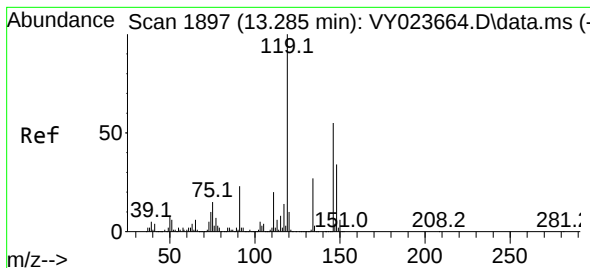
Tgt Ion:105 Resp: 3851184
Ion Ratio Lower Upper
105 100
120 46.6 23.2 69.6



#86
p-Isopropyltoluene
Concen: 199.958 ug/l
RT: 13.291 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VY023696.D
Acq: 06 Nov 2025 10:44

Tgt Ion:119 Resp: 4278014
Ion Ratio Lower Upper
119 100
134 27.1 13.4 40.2
91 22.7 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 53.803 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

HW1025-PT-VOA-SOIL

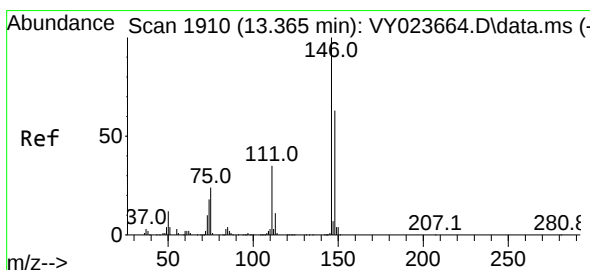
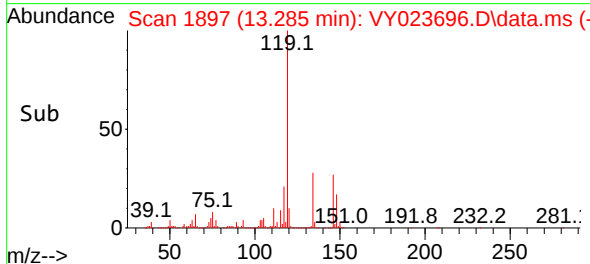
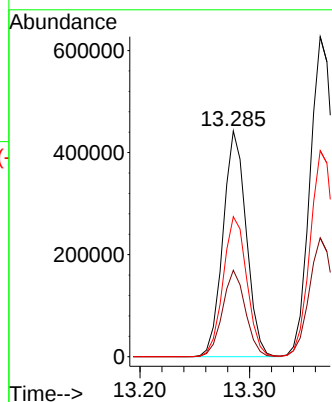
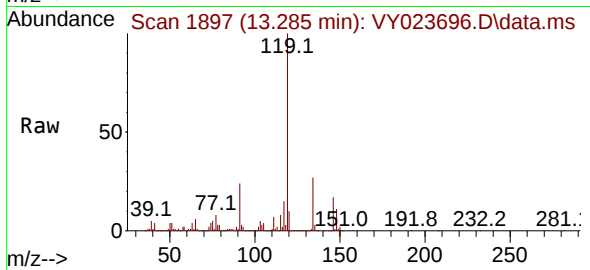
Tgt Ion:146 Resp: 650411

Ion Ratio Lower Upper

146 100

111 37.7 18.8 56.3

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 81.494 ug/l

RT: 13.364 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

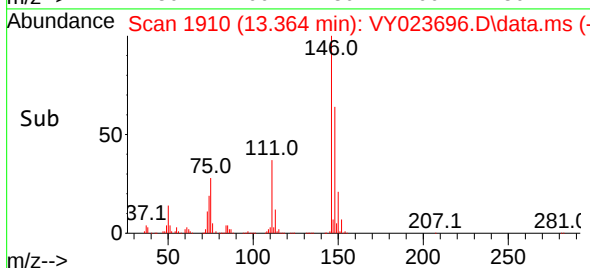
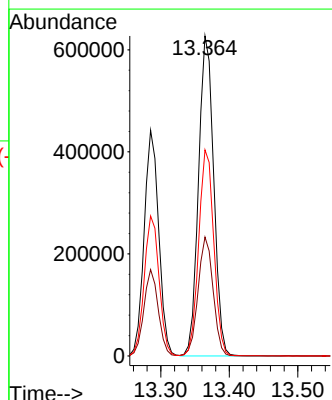
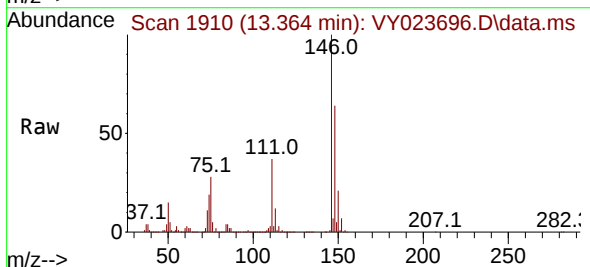
Tgt Ion:146 Resp: 967739

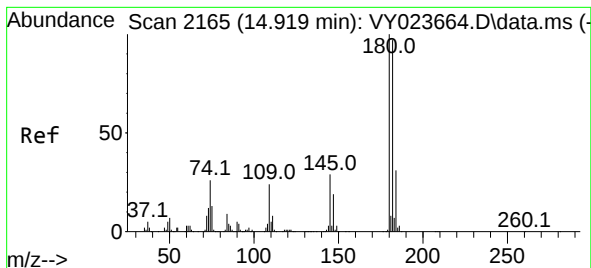
Ion Ratio Lower Upper

146 100

111 36.8 18.3 54.8

148 64.1 31.8 95.3





#93

1,2,4-Trichlorobenzene

Concen: 159.556 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

Instrument :

MSVOA_Y

ClientSampleId :

HW1025-PT-VOA-SOIL

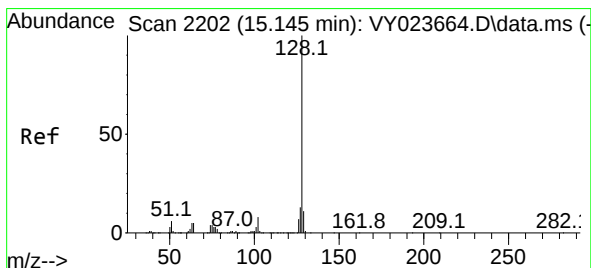
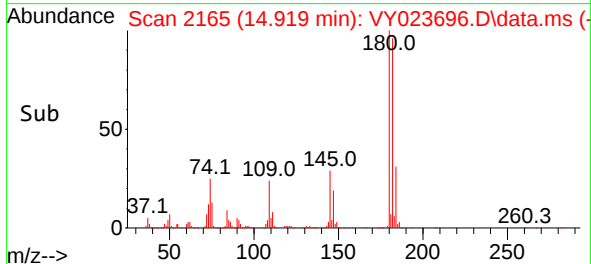
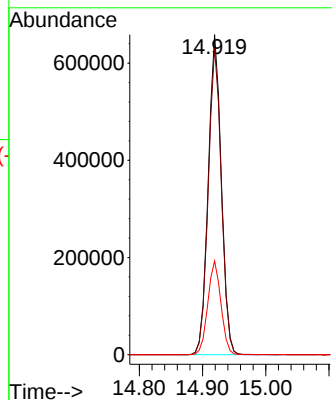
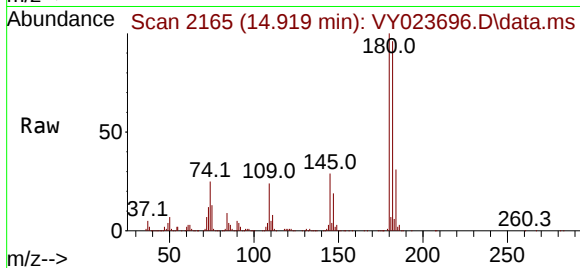
Tgt Ion:180 Resp: 950793

Ion Ratio Lower Upper

180 100

182 95.7 47.5 142.6

145 29.3 14.4 43.4



#95

Naphthalene

Concen: 60.753 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY023696.D

Acq: 06 Nov 2025 10:44

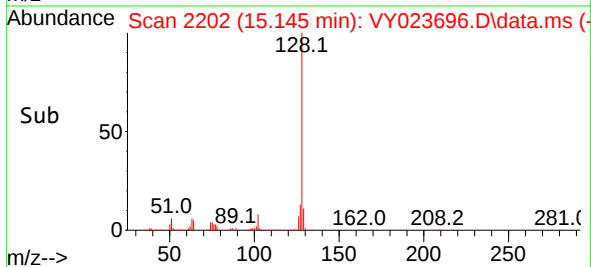
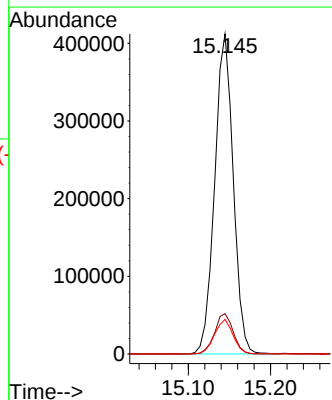
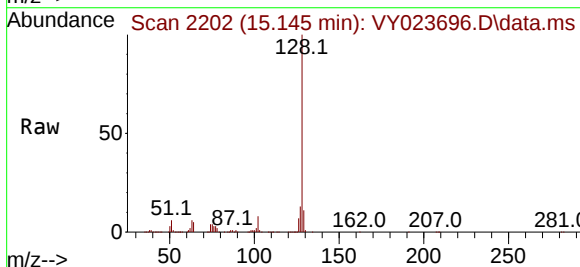
Tgt Ion:128 Resp: 646088

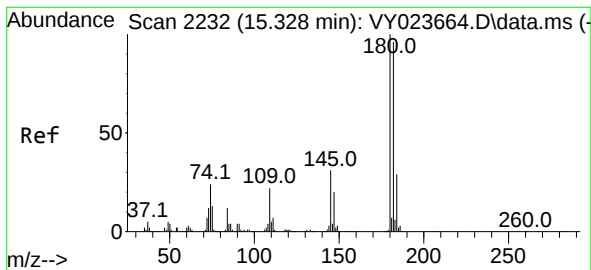
Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.8 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 1.755 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY023696.D
 Acq: 06 Nov 2025 10:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 HW1025-PT-VOA-SOIL

Tgt Ion	Ratio	Lower	Upper
180	100		
182	85.1	47.5	142.6
145	30.0	15.5	46.5

