

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013580.D
 Acq On : 03 May 2023 14:36
 Operator : KP/MD
 Sample : 02500-24
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

Quant Time: May 04 01:20:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	243660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	381491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	348173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	142905	53.501	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.000%	
35) Dibromofluoromethane	7.716	113	121656	50.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.400%	
50) Toluene-d8	10.179	98	429479	50.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.640%	
62) 4-Bromofluorobenzene	12.483	95	146030	50.747	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.500%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.210	59	22413	74.955	ug/l #	1
12) 1,1-Dichloroethene	3.869	96	407105	160.764	ug/l	90
13) Acrolein	3.722	56	34	Below Cal	#	16
15) Acrylonitrile	5.210	53	8344	9.342	ug/l #	13
16) Acetone	3.954	43	765287	727.538	ug/l	97
19) Methyl tert-butyl Ether	5.216	73	613008	83.850	ug/l	100
20) Methylene Chloride	4.710	84	18095	Below Cal	#	87
21) trans-1,2-Dichloroethene	5.216	96	433775	156.667	ug/l	98
24) 1,1-Dichloroethane	6.015	63	778063	152.008	ug/l	98
25) 2-Butanone	6.990	43	326404	244.676	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	370452	121.096	ug/l	92
28) Bromochloromethane	7.502	49	89648	49.355	ug/l #	7
30) Chloroform	7.502	83	1059947	208.277	ug/l	99
31) Cyclohexane	7.783	56	5410	1.131	ug/l #	32
36) 1,1-Dichloropropene	7.789	75	18352	4.609	ug/l #	49
37) Ethyl Acetate	6.990	43	326404	108.921	ug/l #	1
38) Carbon Tetrachloride	7.899	117	468220	112.182	ug/l	96
40) Benzene	8.161	78	1106890	98.678	ug/l	100
45) 1,2-Dichloropropane	9.215	63	364707	124.350	ug/l	99
46) Dibromomethane	9.490	93	26694	15.211	ug/l #	1
47) Bromodichloromethane	9.496	83	826311	210.432	ug/l	99
48) Methyl methacrylate	9.215	41	219737	94.591	ug/l #	33
49) 1,4-Dioxane	9.490	88	860	34.313	ug/l #	26
51) 4-Methyl-2-Pentanone	10.069	43	1541465	546.888	ug/l	97
52) Toluene	10.240	92	1447809	214.484	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	632615	152.223	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	932351	199.379	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	118276	50.894	ug/l	94
57) 1,3-Dichloropropane	10.788	76	595696	151.351	ug/l	98
60) Dibromochloromethane	10.715	129	224661	79.616	ug/l #	11
61) 1,2-Dibromoethane	11.087	107	263859	115.483	ug/l	99
64) Tetrachloroethene	10.721	164	247019	93.302	ug/l	97
65) Chlorobenzene	11.514	112	1159356	152.858	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	181817	64.097	ug/l	99
67) Ethyl Benzene	11.593	91	2779539	208.699	ug/l	100
68) m/p-Xylenes	11.703	106	1002315	197.966	ug/l	97

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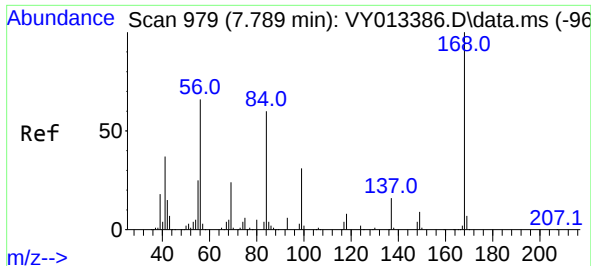
Instrument :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
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 Response via : Initial Calibration

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

69) o-Xylene	12.026	106	998111	208.445	ug/l	96
70) Styrene	12.026	104	50664	6.328	ug/l #	1
71) Bromoform	12.209	173	313194	157.631	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	174640	57.143	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	201328	90.306	ug/l #	100
78) n-propylbenzene	12.672	91	2140143	138.963	ug/l	97
79) 2-Chlorotoluene	12.672	91	2140143	248.845	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.672	105	76469	7.493	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	80901	74.229	ug/l #	12
82) 4-Chlorotoluene	12.672	91	2140143	238.750	ug/l #	39
89) n-Butylbenzene	13.696	91	1455325	139.734	ug/l	98
90) Hexachloroethane	13.690	117	20618	9.180	ug/l #	8
91) 1,2-Dichlorobenzene	13.739	146	1108666	212.704	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	122126	226.261	ug/l	93
96) 1,2,3-Trichlorobenzene	15.422	180	551634	199.163	ug/l	99

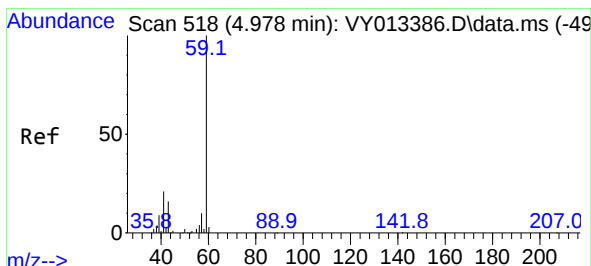
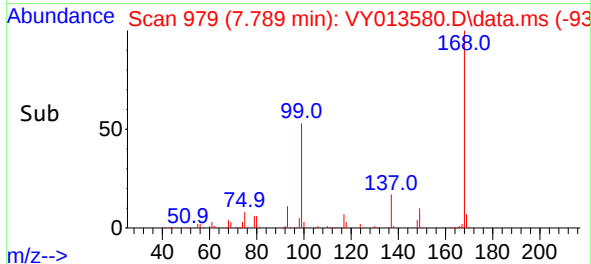
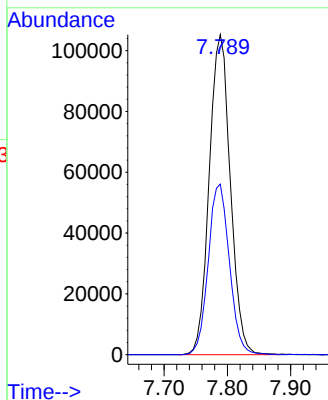
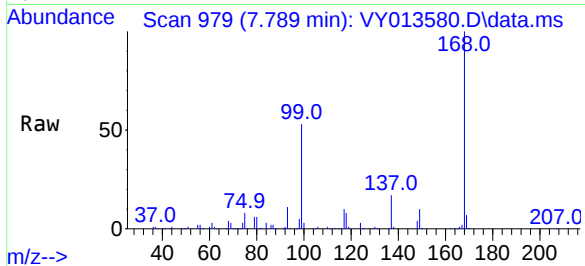
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

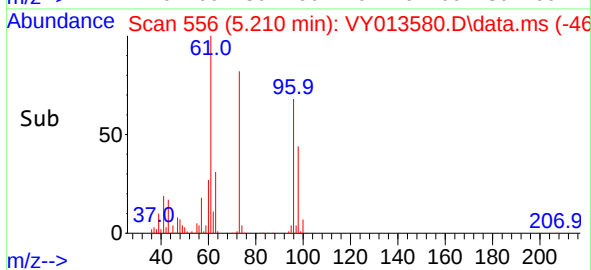
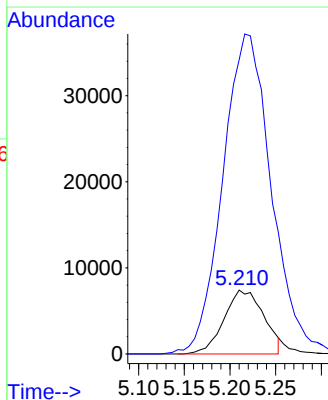
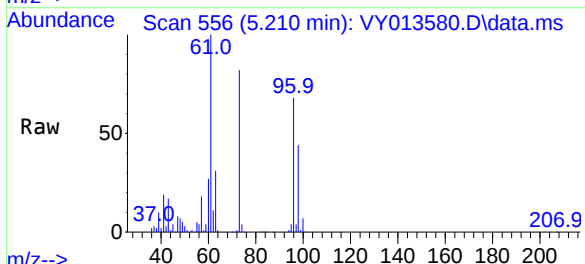
Instrument :
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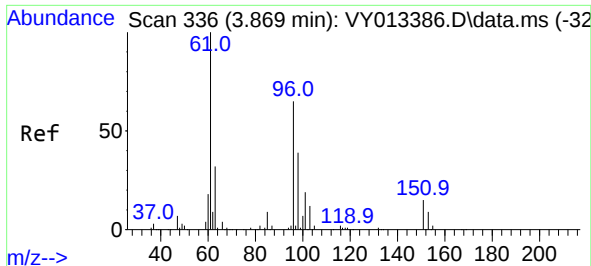
Tgt Ion:168 Resp: 243660
Ion Ratio Lower Upper
168 100
99 53.3 41.8 62.6



#11
Tert butyl alcohol
Concen: 74.955 ug/l
RT: 5.210 min Scan# 556
Delta R.T. 0.232 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 59 Resp: 22413
Ion Ratio Lower Upper
59 100
57 561.7 3.0 4.4#





#12

1,1-Dichloroethene

Concen: 160.764 ug/l

RT: 3.869 min Scan# 311

Delta R.T. -0.000 min

Lab File: VY013580.D

Acq: 03 May 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

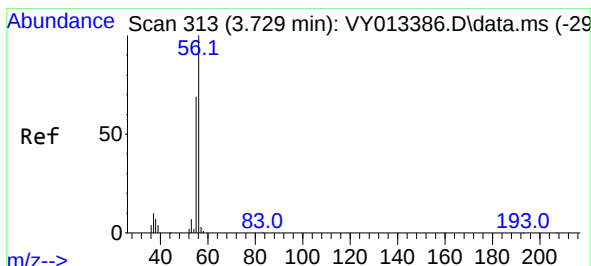
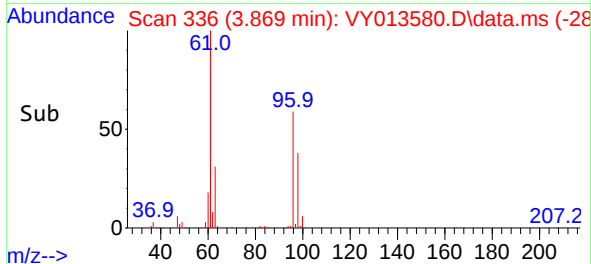
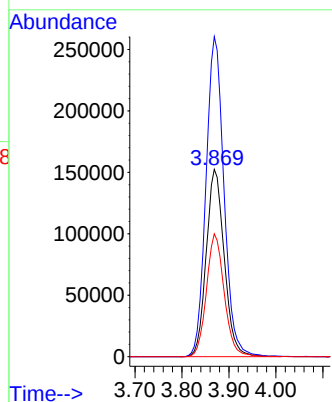
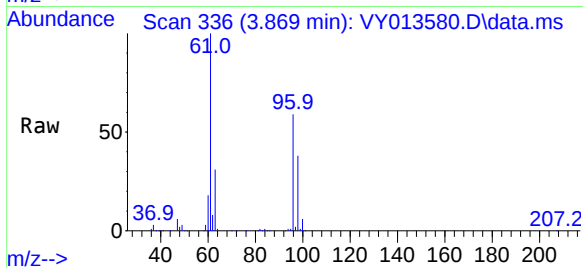
Tgt Ion: 96 Resp: 407105

Ion Ratio Lower Upper

96 100

61 170.8 123.9 185.9

98 65.6 48.9 73.3



#13

Acrolein

Concen: Below Cal

RT: 3.722 min Scan# 312

Delta R.T. -0.007 min

Lab File: VY013580.D

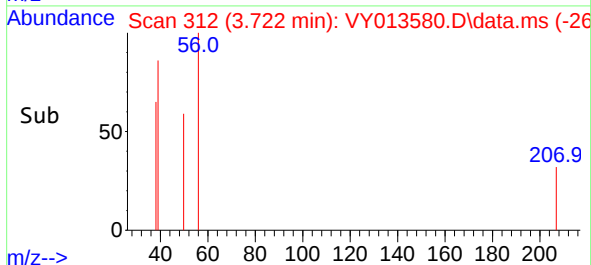
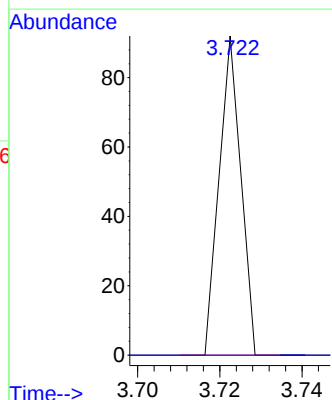
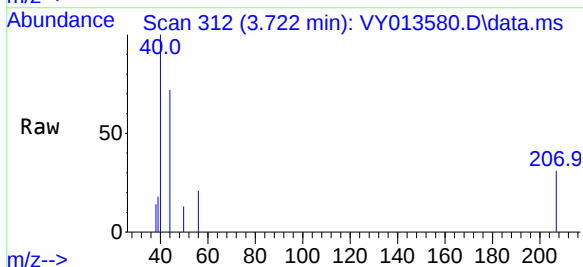
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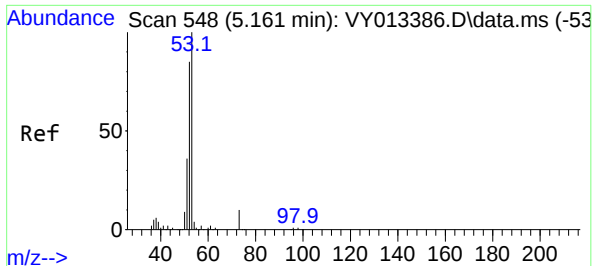
Tgt Ion: 56 Resp: 34

Ion Ratio Lower Upper

56 100

55 0.0 54.1 81.1#

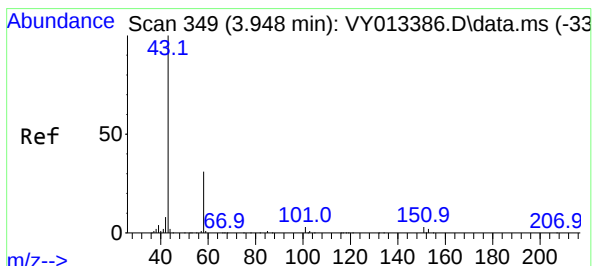
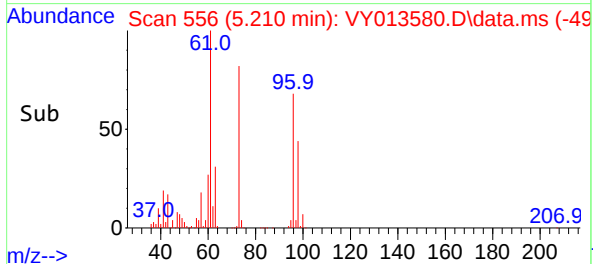
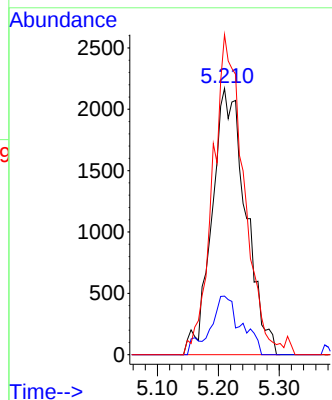
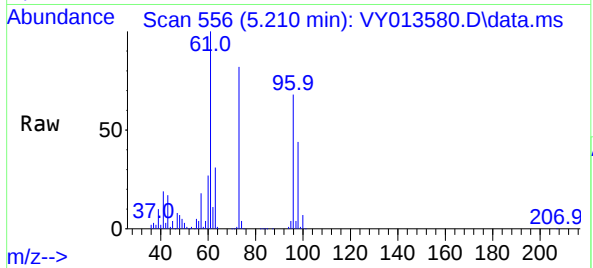




#15
Acrylonitrile
Concen: 9.342 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.049 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

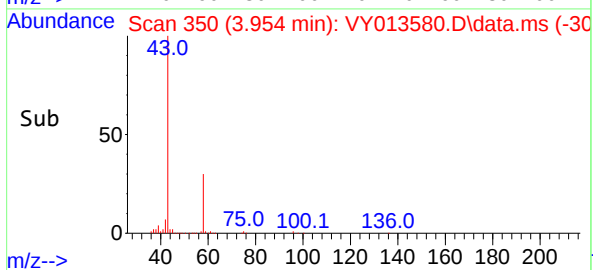
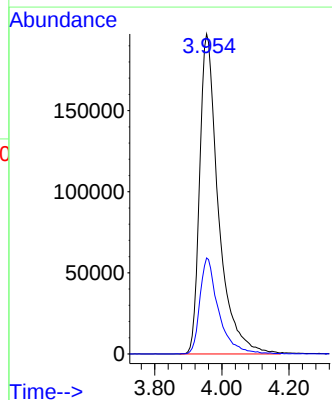
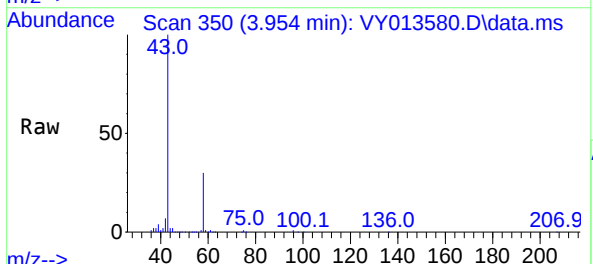
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

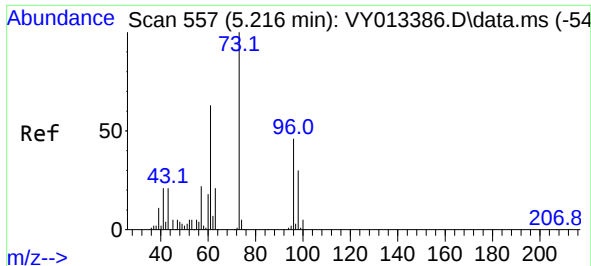
Tgt Ion: 53 Resp: 8344
Ion Ratio Lower Upper
53 100
52 18.3 65.4 98.0#
51 110.2 29.3 43.9#



#16
Acetone
Concen: 727.538 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 43 Resp: 765287
Ion Ratio Lower Upper
43 100
58 30.0 25.4 38.0

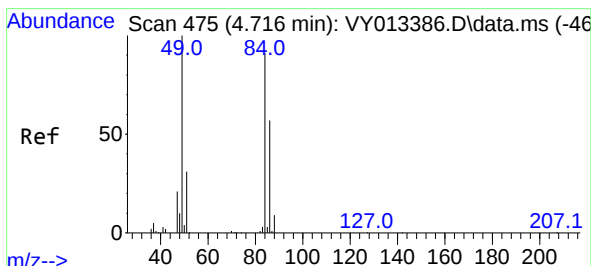
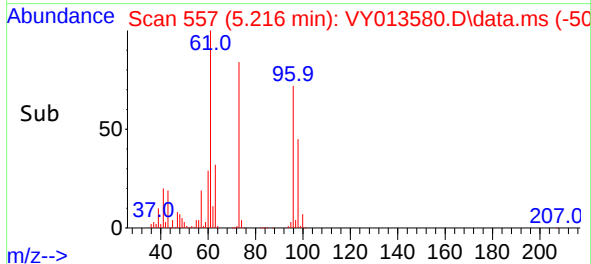
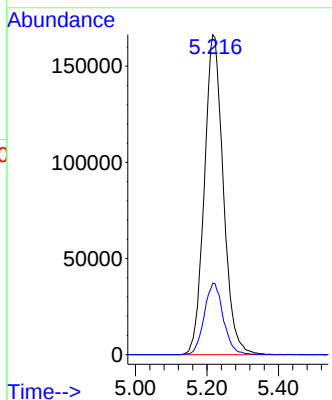
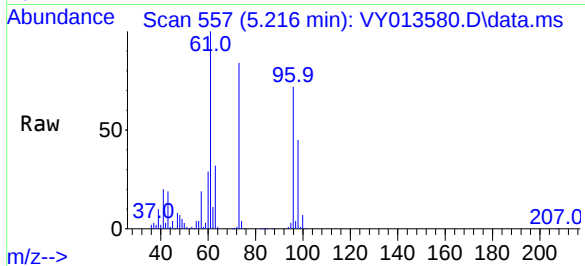




#19
Methyl tert-butyl Ether
Concen: 83.850 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

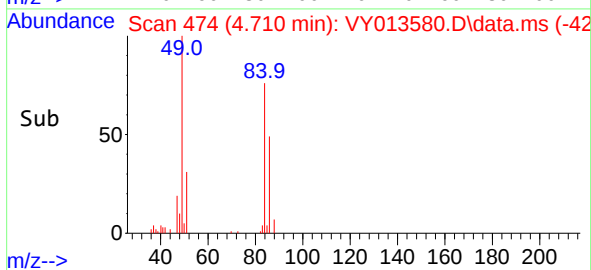
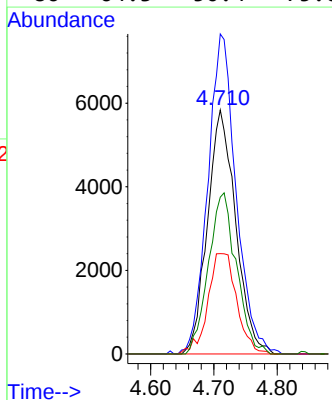
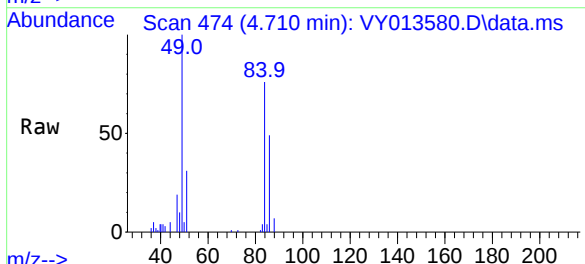
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ClientSampleId :
PT-VOA-SOIL

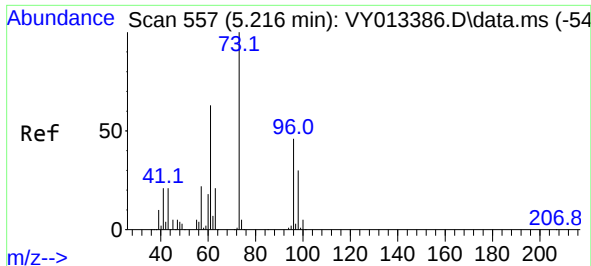
Tgt Ion: 73 Resp: 613008
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 84 Resp: 18095
Ion Ratio Lower Upper
84 100
49 131.1 88.0 132.0
51 41.1 27.4 41.0#
86 64.3 50.4 75.6

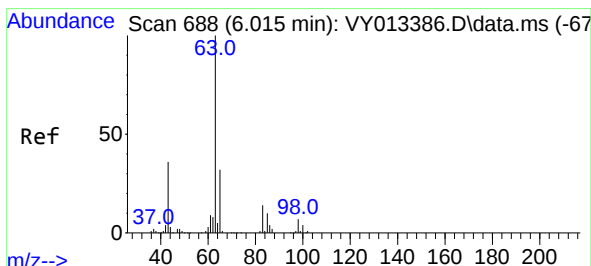
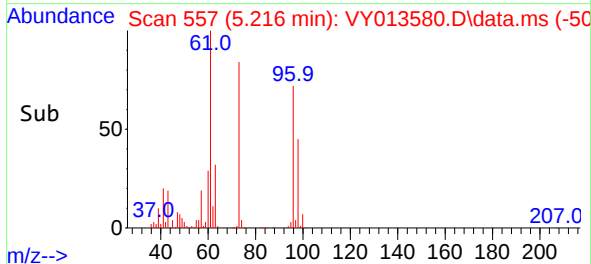
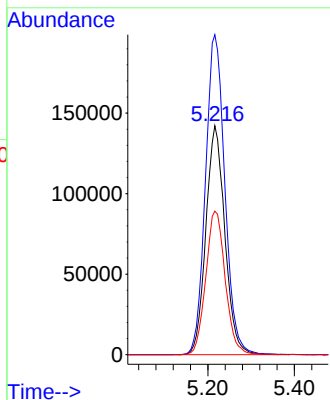
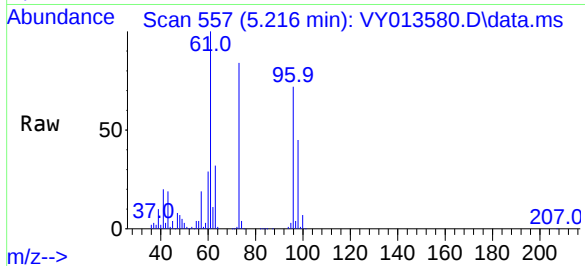




#21
trans-1,2-Dichloroethene
Concen: 156.667 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

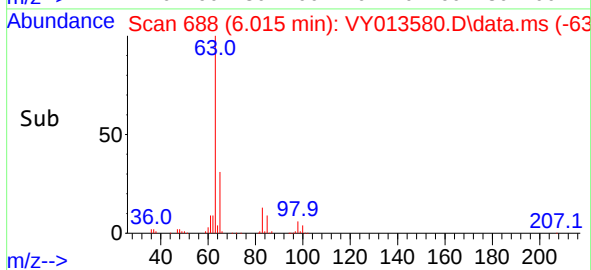
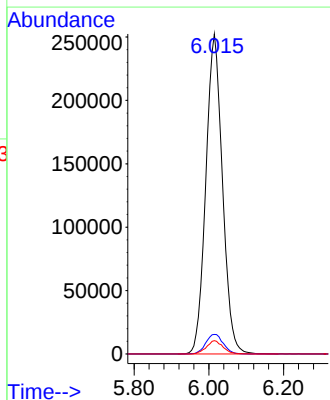
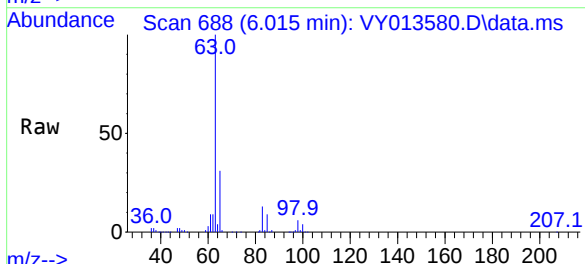
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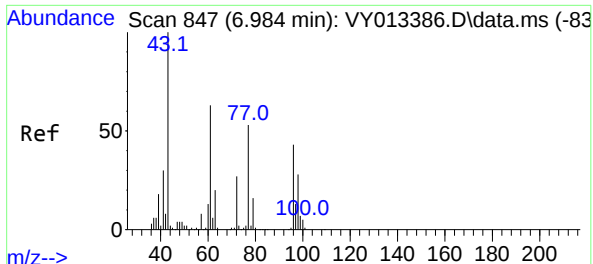
Tgt Ion: 96 Resp: 433775
Ion Ratio Lower Upper
96 100
61 139.7 110.6 165.8
98 62.7 53.1 79.7



#24
1,1-Dichloroethane
Concen: 152.008 ug/l
RT: 6.015 min Scan# 688
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 63 Resp: 778063
Ion Ratio Lower Upper
63 100
98 6.1 3.5 10.6
100 4.2 2.2 6.6





#25

2-Butanone

Concen: 244.676 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY013580.D

Acq: 03 May 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

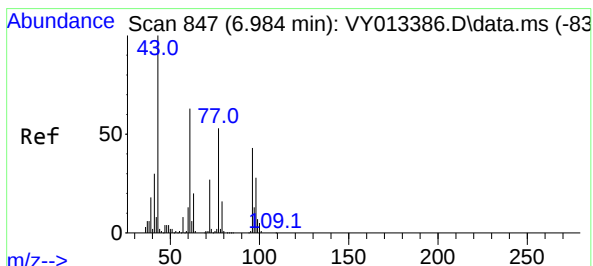
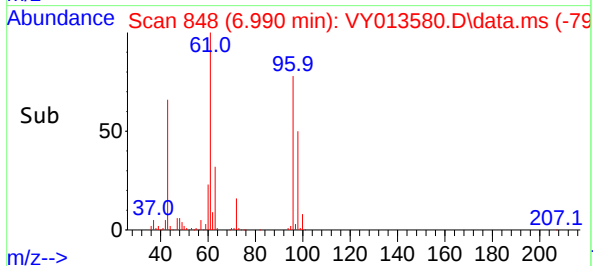
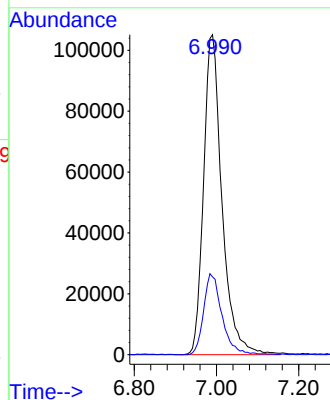
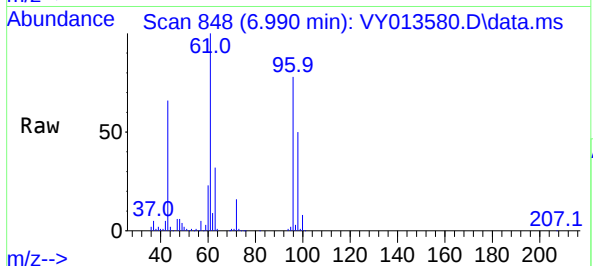
PT-VOA-SOIL

Tgt Ion: 43 Resp: 326404

Ion Ratio Lower Upper

43 100

72 24.3 21.9 32.9



#27

cis-1,2-Dichloroethene

Concen: 121.096 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY013580.D

Acq: 03 May 2023 14:36

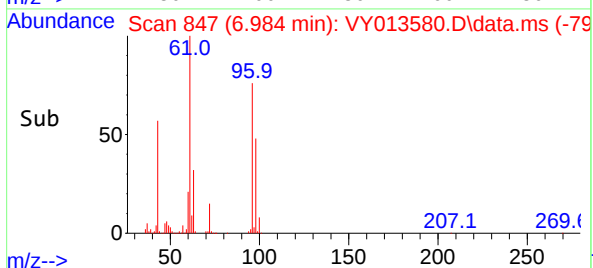
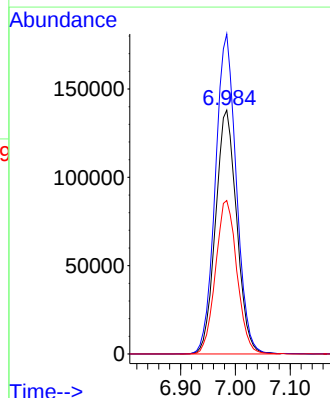
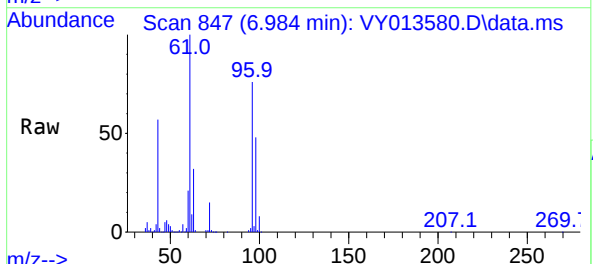
Tgt Ion: 96 Resp: 370452

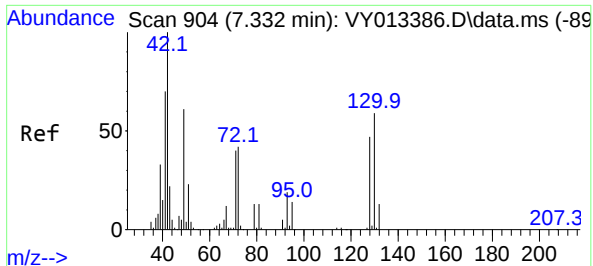
Ion Ratio Lower Upper

96 100

61 129.9 0.0 285.0

98 63.7 0.0 130.6

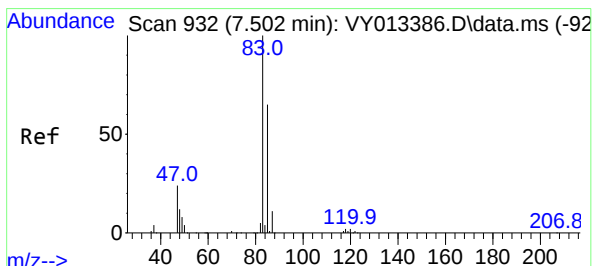
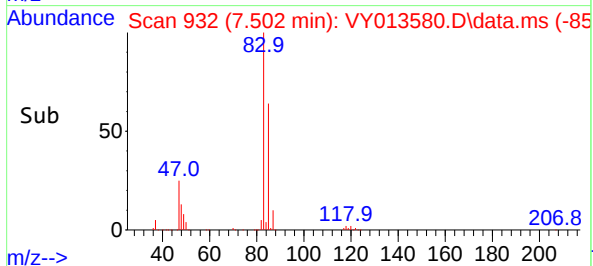
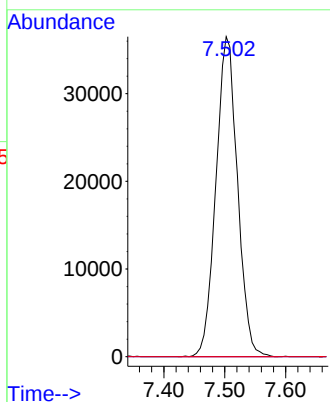
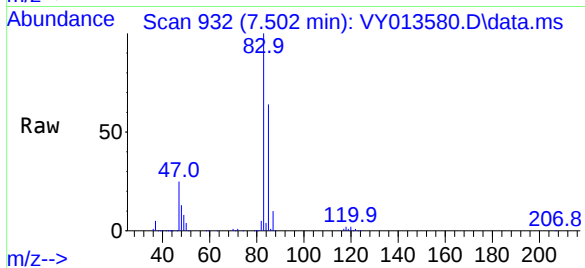




#28
Bromochloromethane
Concen: 49.355 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.170 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

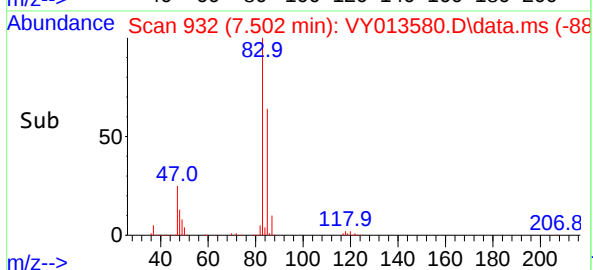
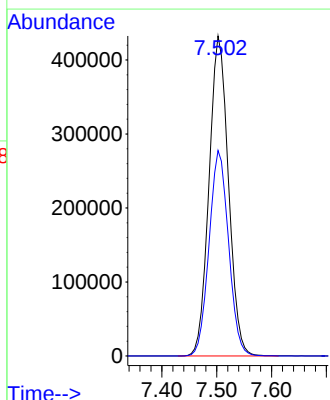
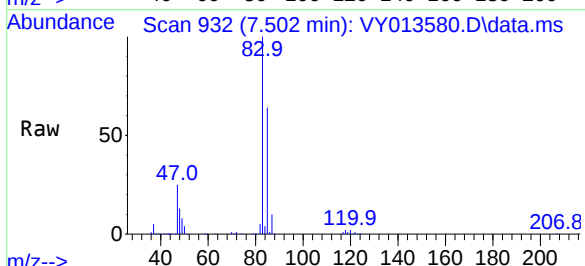
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

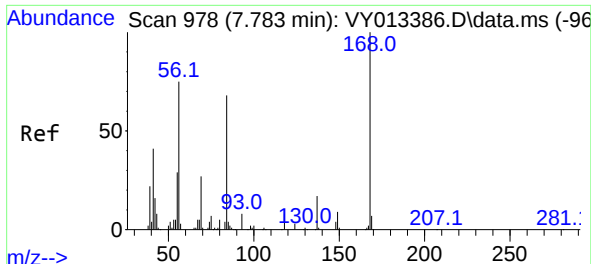
Tgt Ion: 49 Resp: 89648
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 0.0 72.1 108.1#



#30
Chloroform
Concen: 208.277 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 83 Resp: 1059947
Ion Ratio Lower Upper
83 100
85 64.2 52.0 78.0

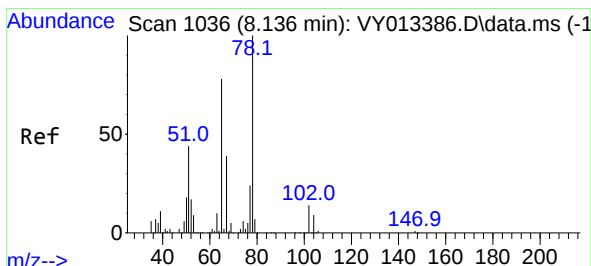
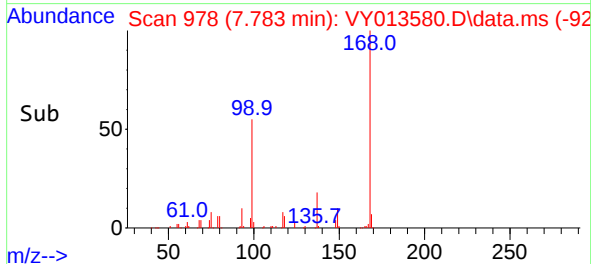
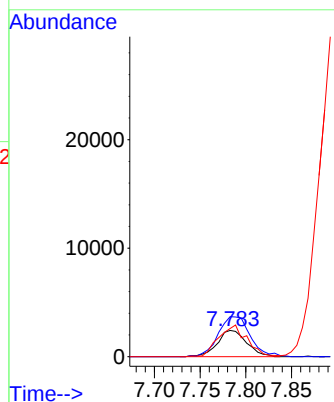
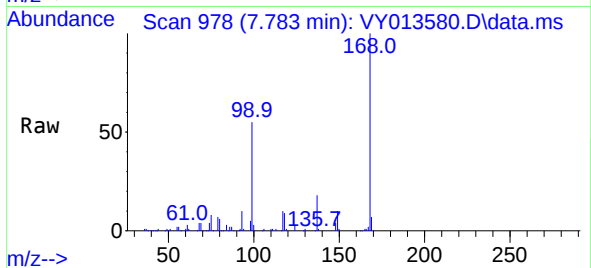




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

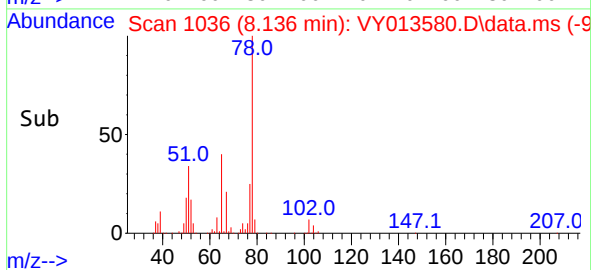
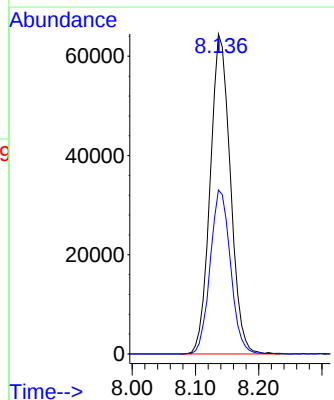
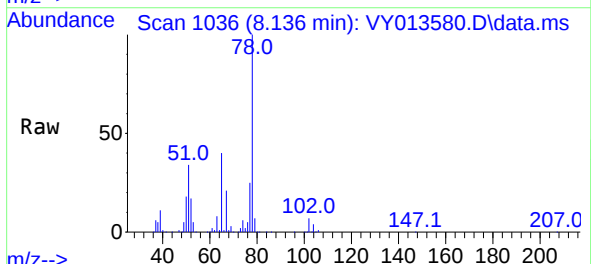
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

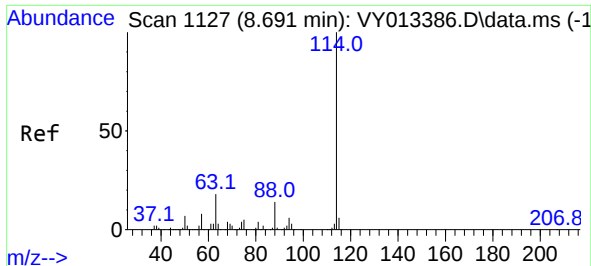
Tgt Ion: 56 Resp: 5410
Ion Ratio Lower Upper
56 100
69 152.7 29.2 43.8#
84 107.5 73.0 109.6



#33
1,2-Dichloroethane-d4
Concen: 53.501 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 65 Resp: 142905
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013580.D

Acq: 03 May 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

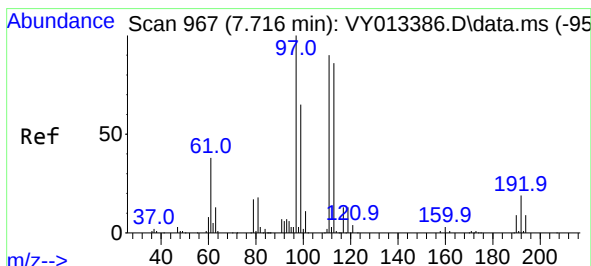
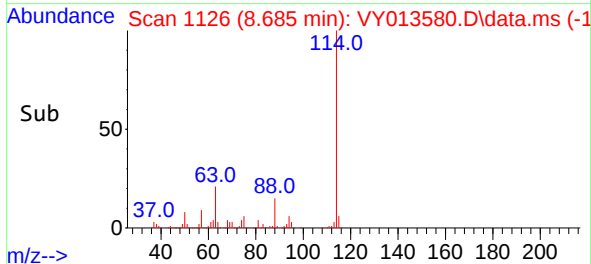
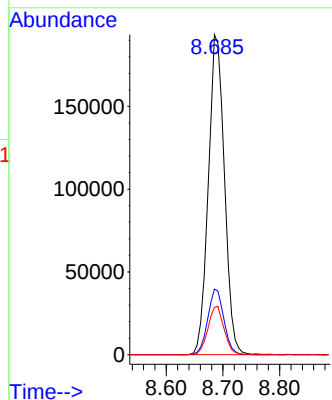
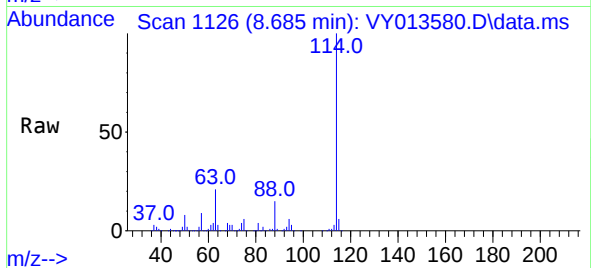
Tgt Ion:114 Resp: 381491

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.6

88 14.8 0.0 28.8



#35

Dibromofluoromethane

Concen: 50.703 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013580.D

Acq: 03 May 2023 14:36

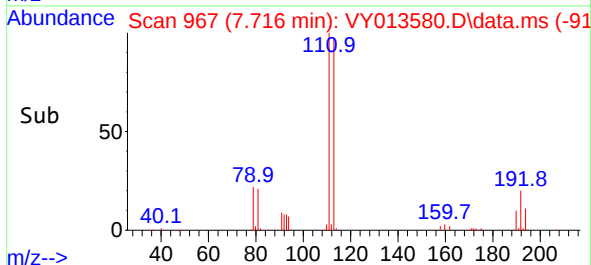
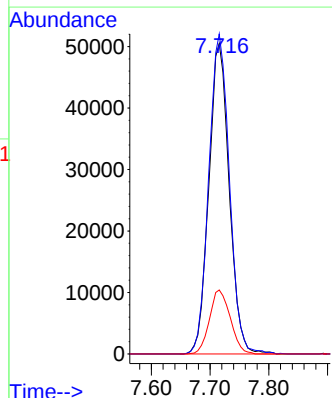
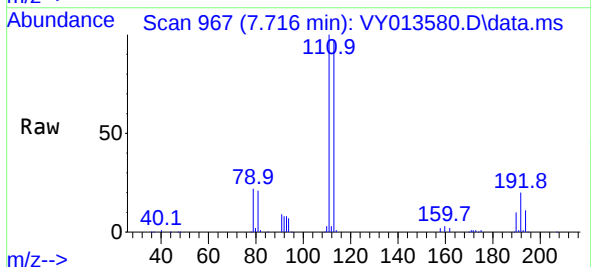
Tgt Ion:113 Resp: 121656

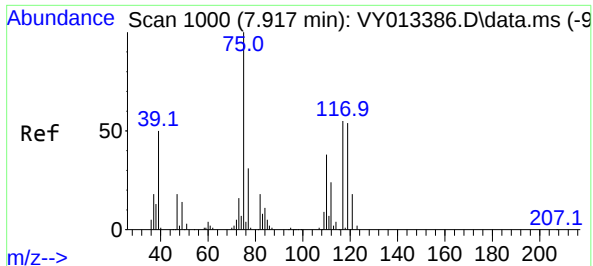
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.2

192 21.0 16.7 25.1

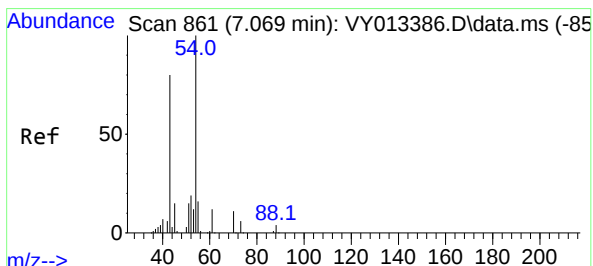
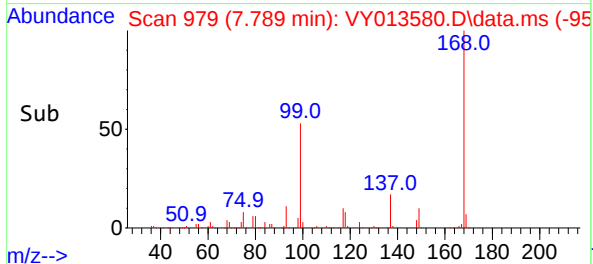
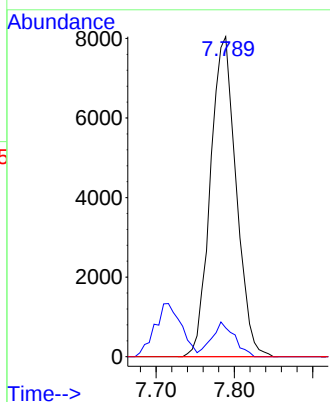
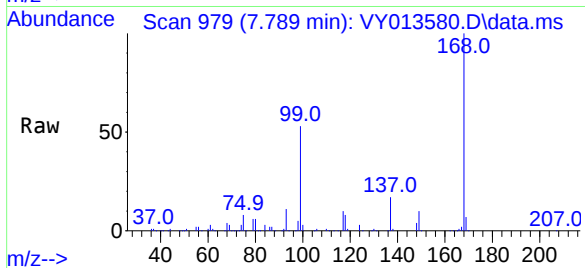




#36
1,1-Dichloropropene
Concen: 4.609 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

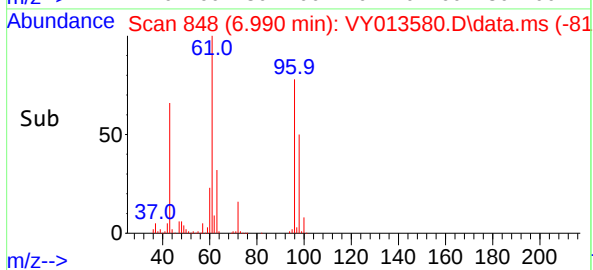
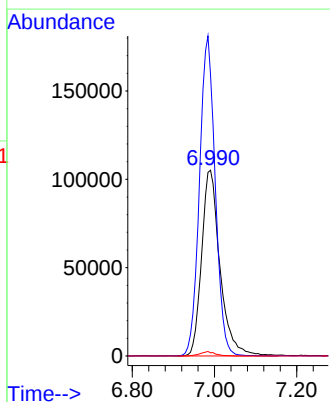
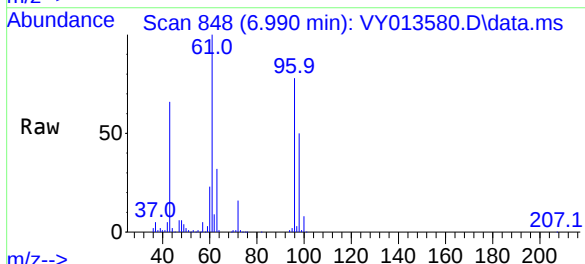
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

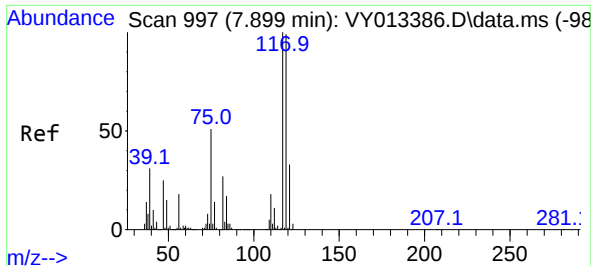
Tgt Ion: 75 Resp: 18352
Ion Ratio Lower Upper
75 100
110 9.7 18.7 56.1#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 108.921 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.079 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 43 Resp: 326404
Ion Ratio Lower Upper
43 100
61 147.4 11.4 17.0#
70 1.9 7.9 11.9#

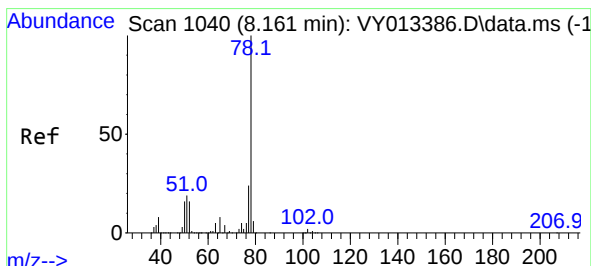
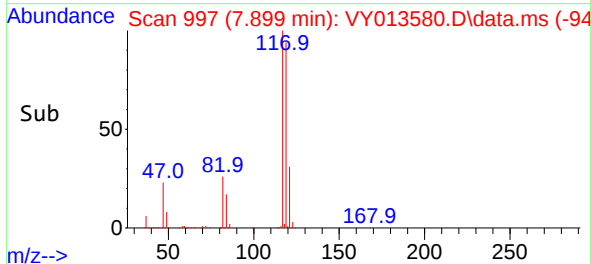
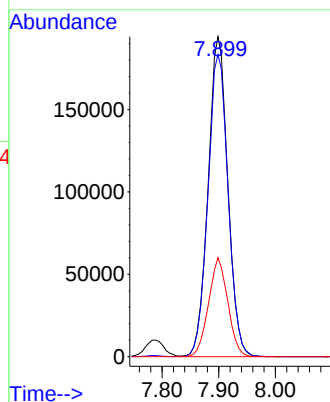
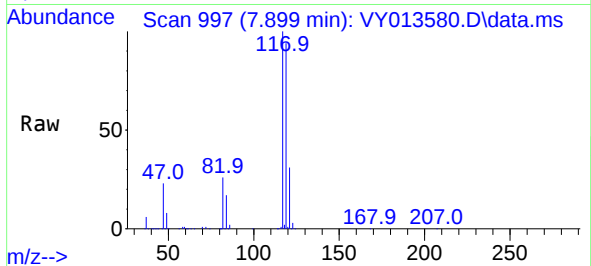




#38
Carbon Tetrachloride
Concen: 112.182 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

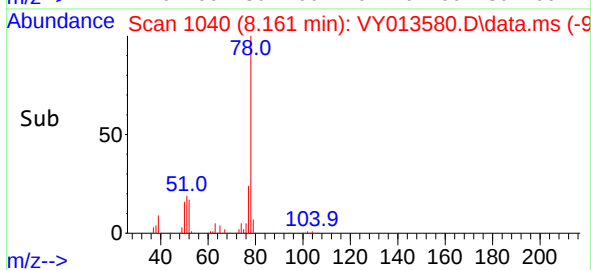
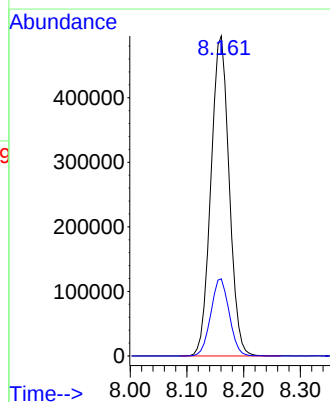
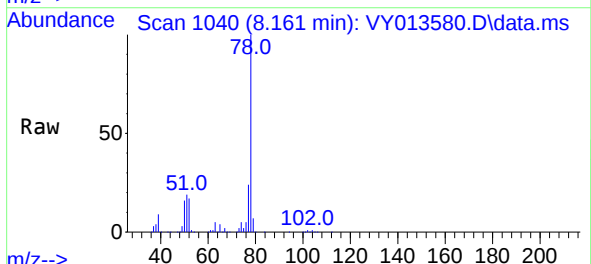
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

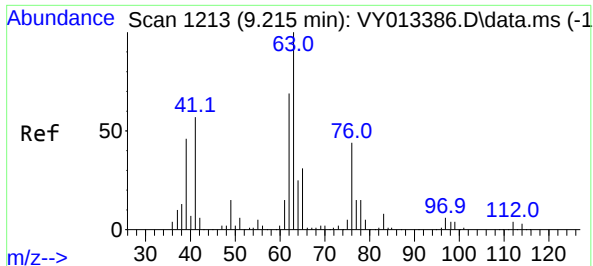
Tgt Ion:117 Resp: 468220
Ion Ratio Lower Upper
117 100
119 94.4 79.0 118.6
121 31.0 26.6 40.0



#40
Benzene
Concen: 98.678 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 78 Resp: 1106890
Ion Ratio Lower Upper
78 100
77 24.1 19.2 28.8





#45

1,2-Dichloropropane

Concen: 124.350 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013580.D

Acq: 03 May 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

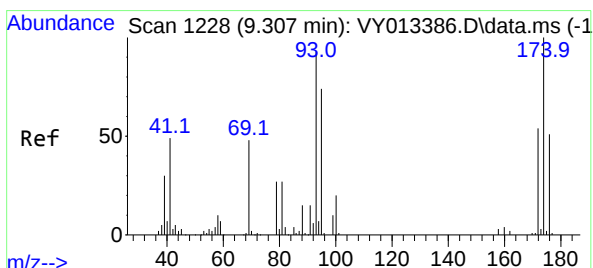
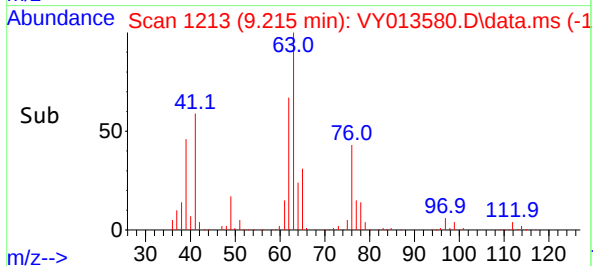
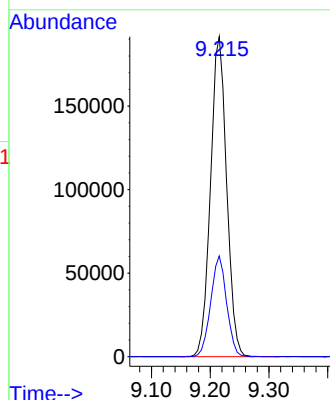
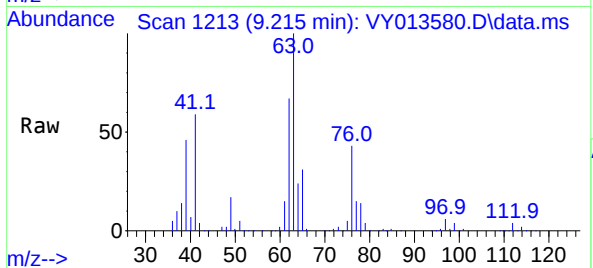
PT-VOA-SOIL

Tgt Ion: 63 Resp: 364707

Ion Ratio Lower Upper

63 100

65 31.5 24.6 37.0



#46

Dibromomethane

Concen: 15.211 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.183 min

Lab File: VY013580.D

Acq: 03 May 2023 14:36

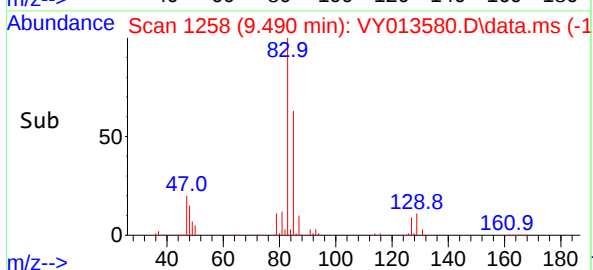
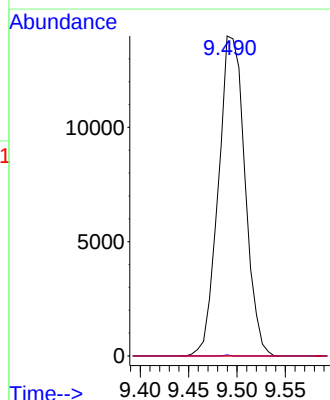
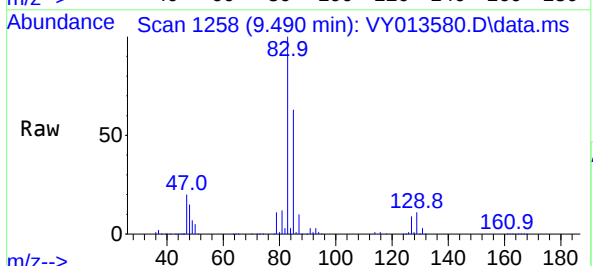
Tgt Ion: 93 Resp: 26694

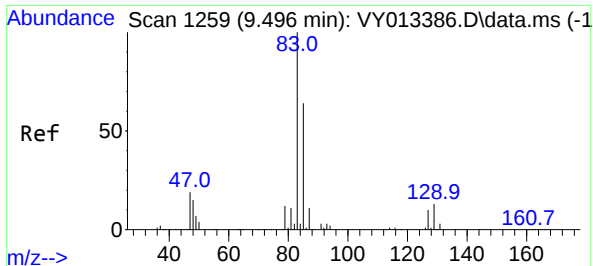
Ion Ratio Lower Upper

93 100

95 0.0 67.1 100.7#

174 0.0 87.0 130.4#

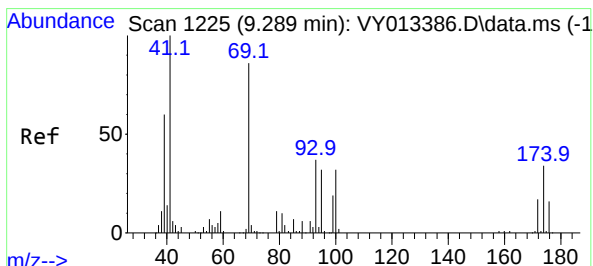
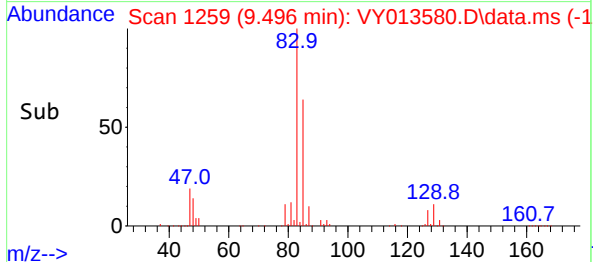
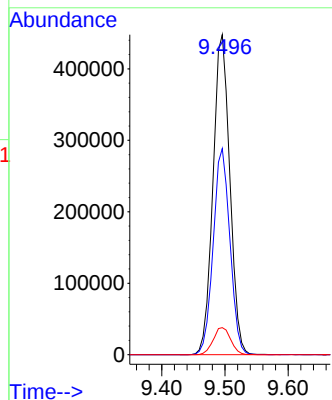
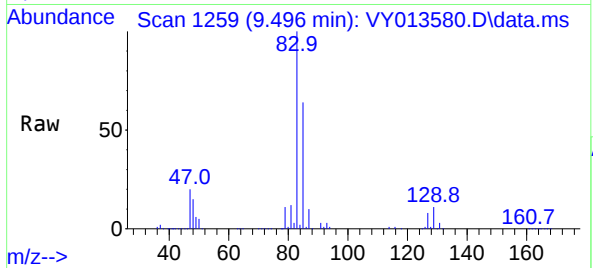




#47
Bromodichloromethane
Concen: 210.432 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

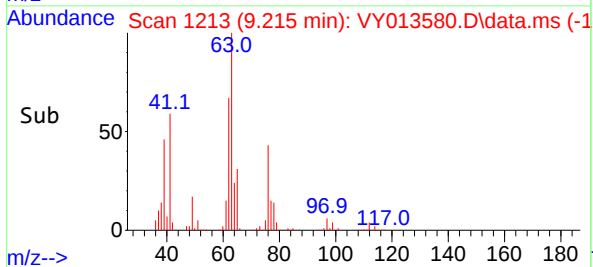
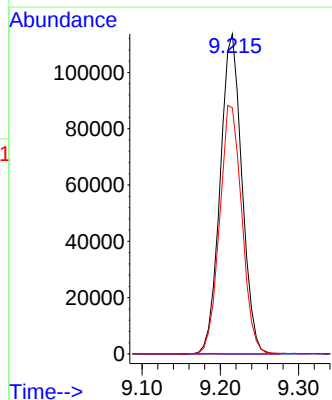
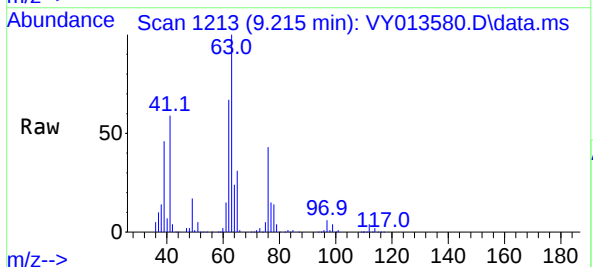
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

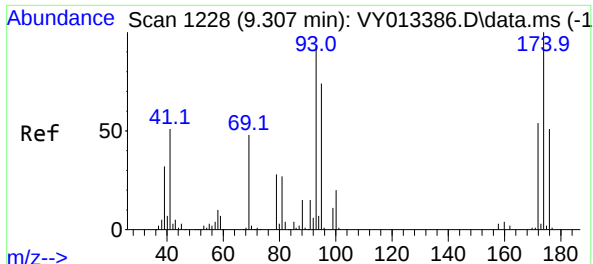
Tgt Ion: 83 Resp: 826311
Ion Ratio Lower Upper
83 100
85 64.4 51.4 77.2
127 8.5 8.1 12.1



#48
Methyl methacrylate
Concen: 94.591 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.074 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 41 Resp: 219737
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 79.3 47.9 71.9#





#49

1,4-Dioxane

Concen: 34.313 ug/l

RT: 9.490 min Scan# 1228

Delta R.T. 0.183 min

Lab File: VY013580.D

Acq: 03 May 2023 14:36

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOIL

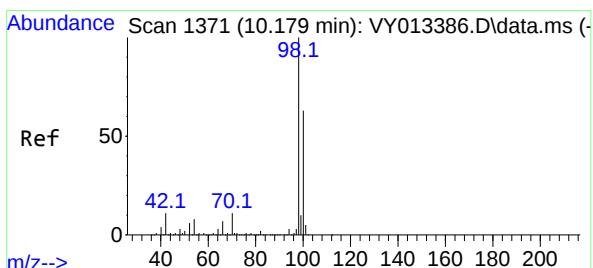
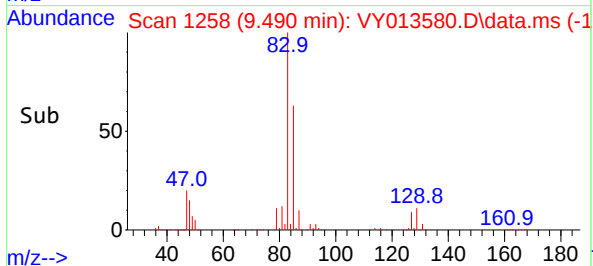
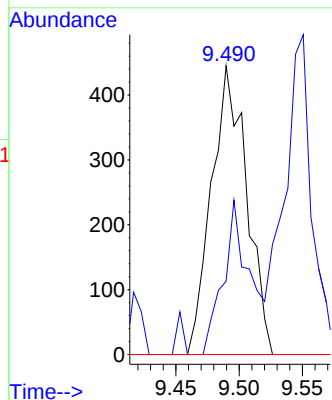
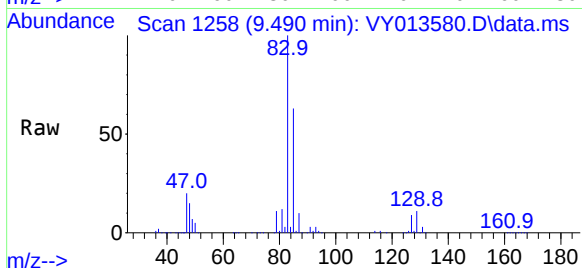
Tgt Ion: 88 Resp: 860

Ion Ratio Lower Upper

88 100

43 40.5 16.8 25.2#

58 0.0 54.3 81.5#



#50

Toluene-d8

Concen: 50.316 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013580.D

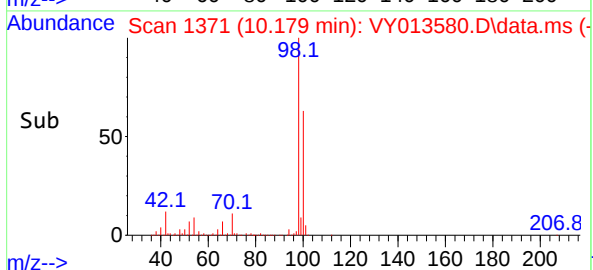
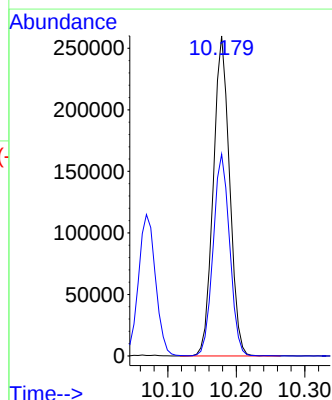
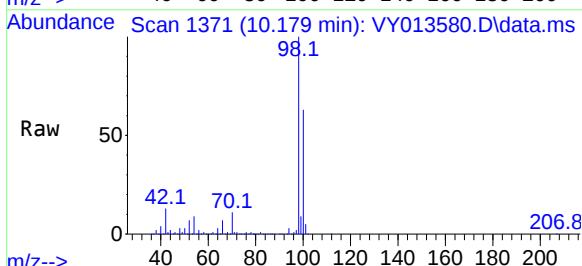
Acq: 03 May 2023 14:36

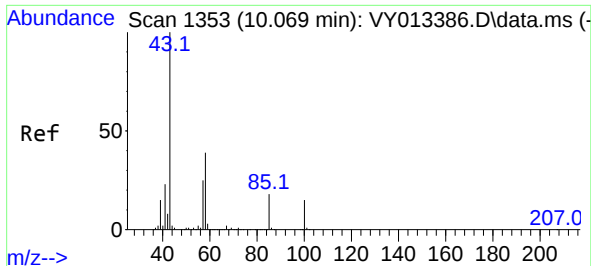
Tgt Ion: 98 Resp: 429479

Ion Ratio Lower Upper

98 100

100 63.6 50.5 75.7

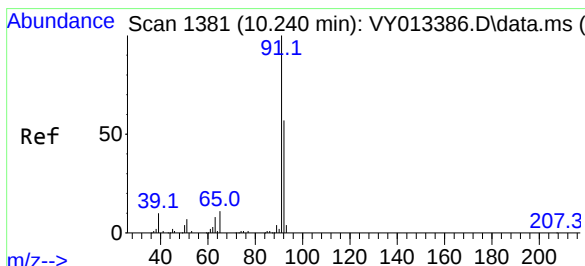
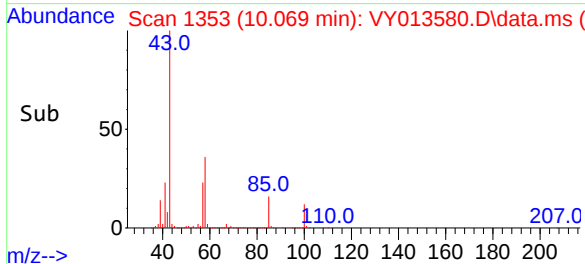
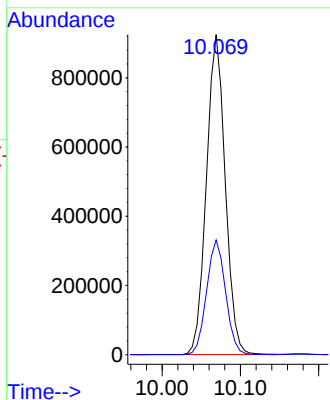
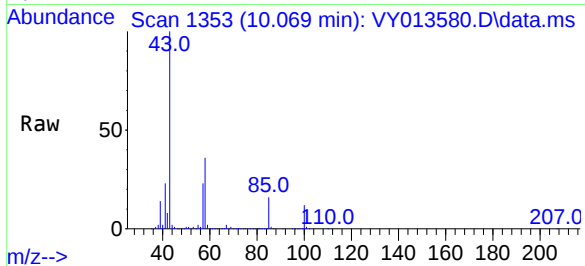




#51
4-Methyl-2-Pentanone
Concen: 546.888 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

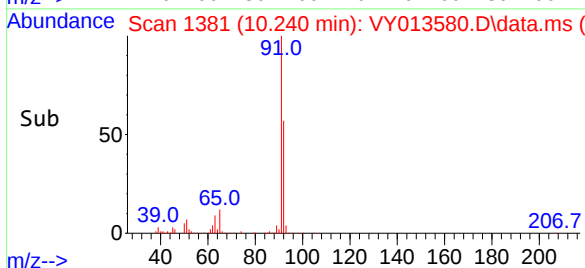
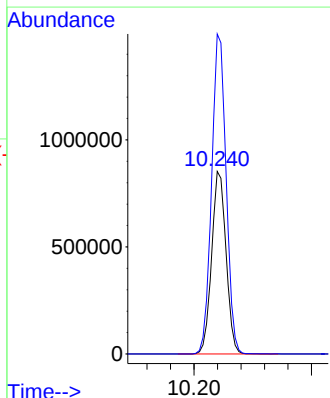
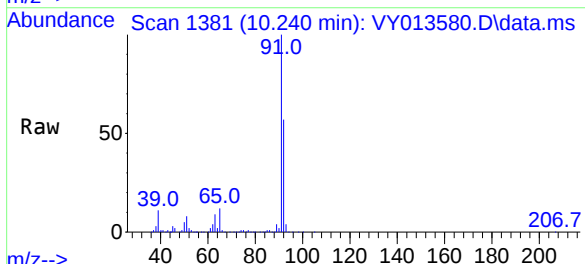
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

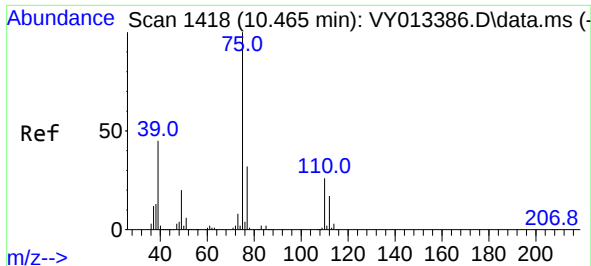
Tgt Ion: 43 Resp: 1541465
Ion Ratio Lower Upper
43 100
58 36.2 30.6 46.0



#52
Toluene
Concen: 214.484 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 92 Resp: 1447809
Ion Ratio Lower Upper
92 100
91 176.5 140.2 210.4

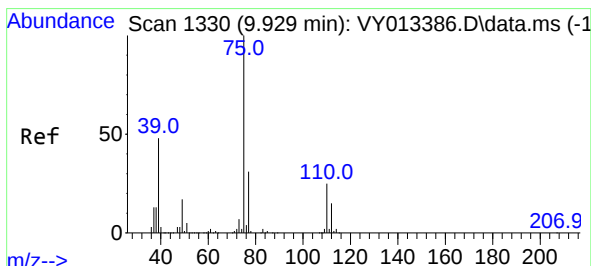
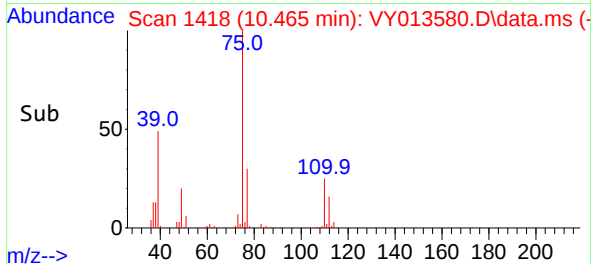
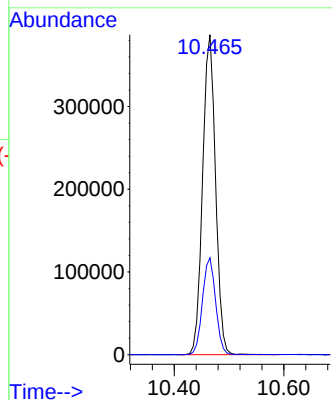
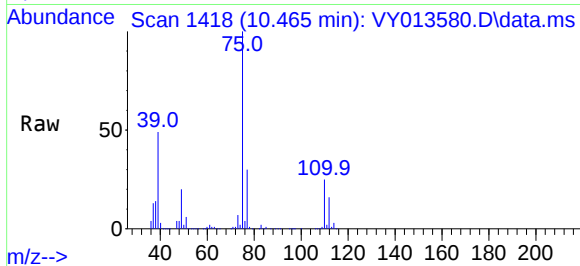




#53
t-1,3-Dichloropropene
Concen: 152.223 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

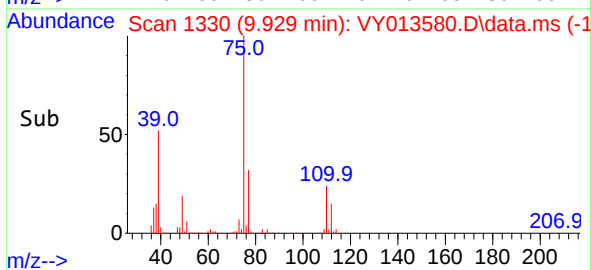
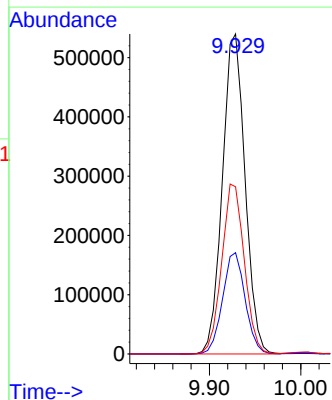
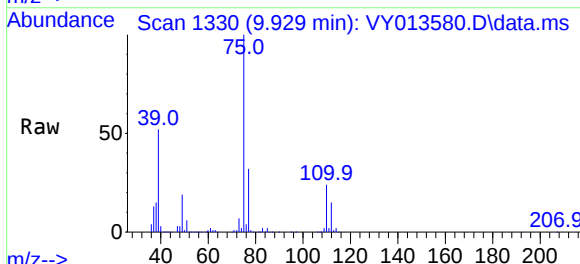
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

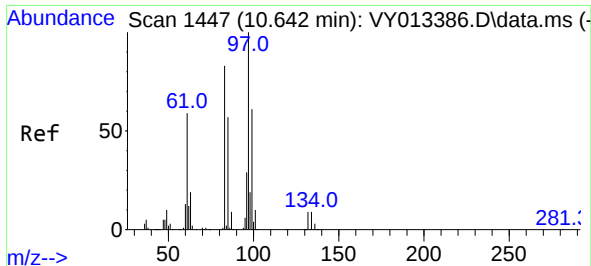
Tgt Ion: 75 Resp: 632615
Ion Ratio Lower Upper
75 100
77 30.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 199.379 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 75 Resp: 932351
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 52.3 38.1 57.1

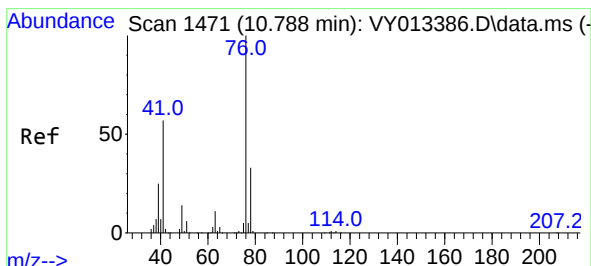
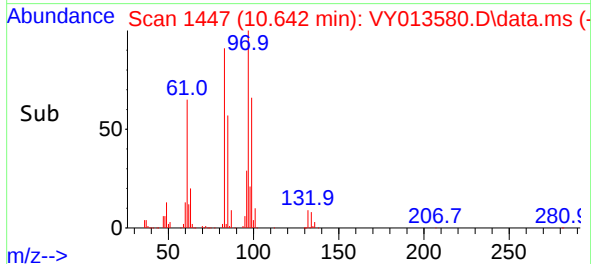
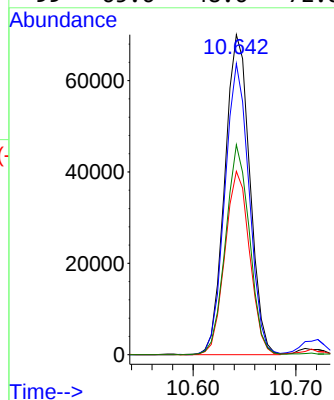
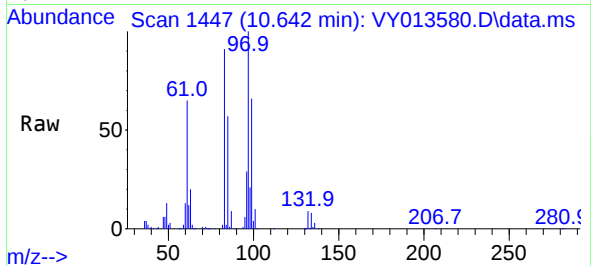




#55
1,1,2-Trichloroethane
Concen: 50.894 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

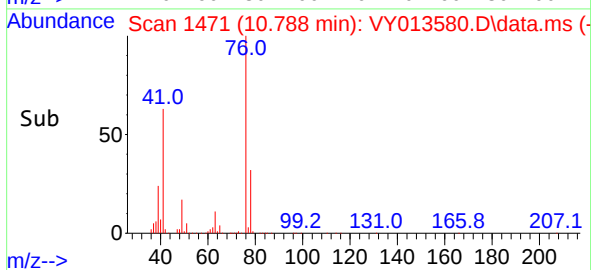
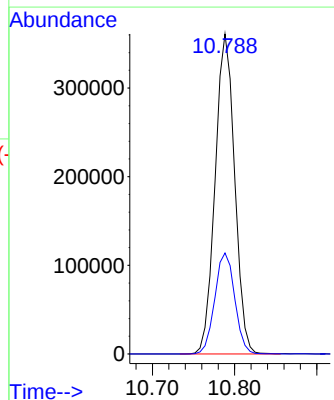
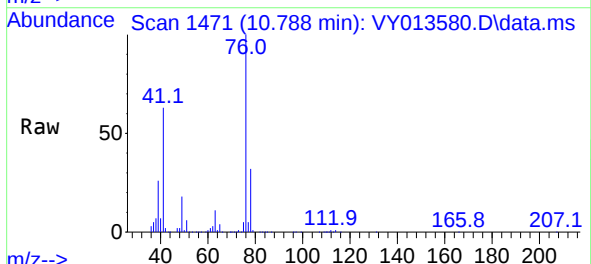
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

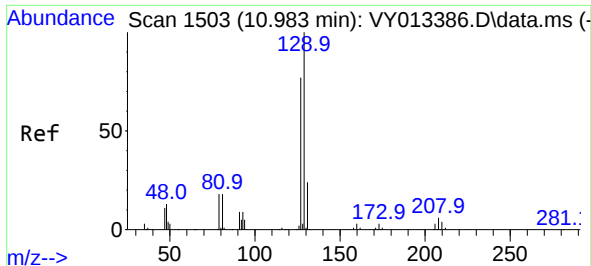
Tgt Ion: 97	Resp: 118276
Ion Ratio	Lower Upper
97 100	
83 90.9	66.4 99.6
85 57.3	45.6 68.4
99 65.6	48.6 72.8



#57
1,3-Dichloropropane
Concen: 151.351 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 76	Resp: 595696
Ion Ratio	Lower Upper
76 100	
78 32.2	26.5 39.7

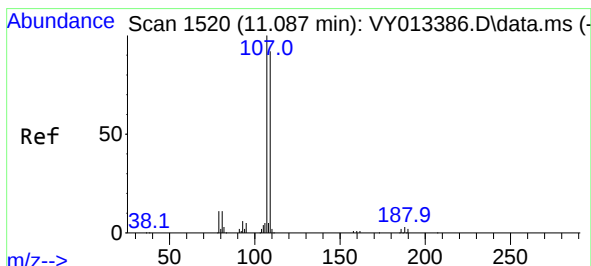
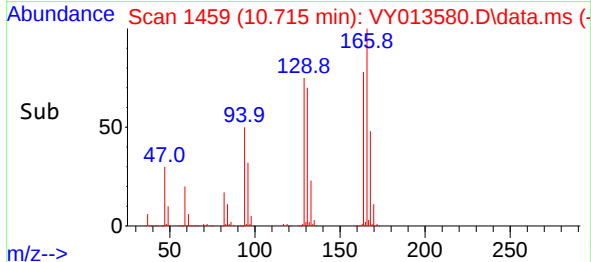
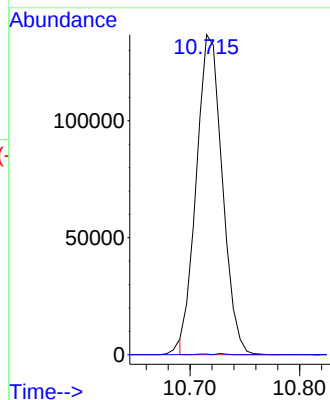
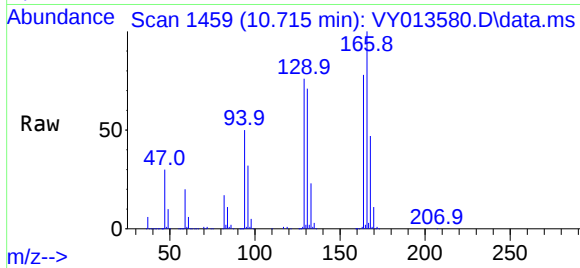




#60
Dibromochloromethane
Concen: 79.616 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.268 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

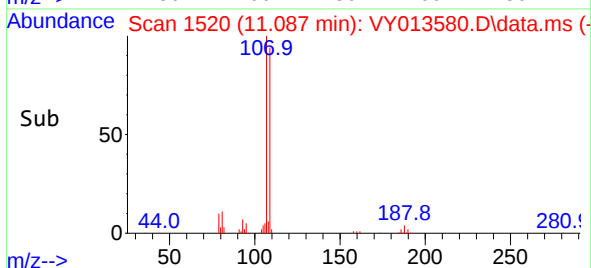
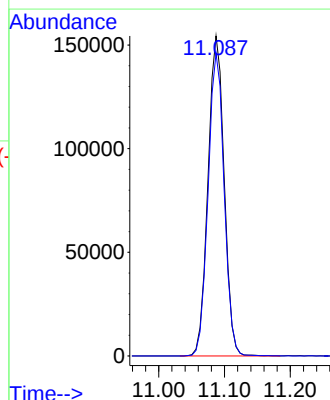
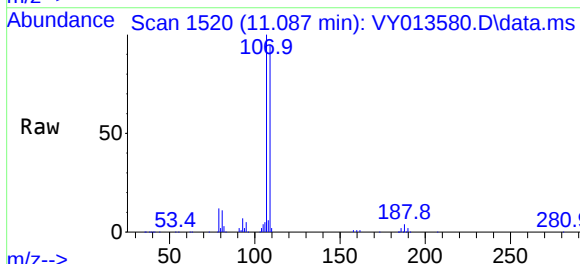
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

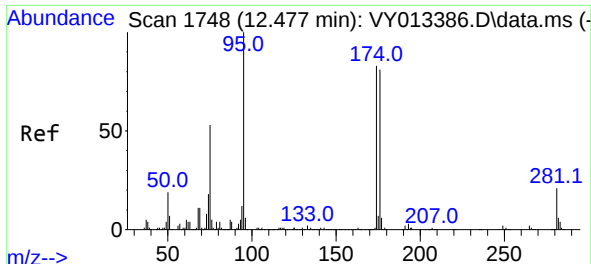
Tgt Ion:129 Resp: 224661
Ion Ratio Lower Upper
129 100
127 0.1 38.7 116.1#



#61
1,2-Dibromoethane
Concen: 115.483 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion:107 Resp: 263859
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4

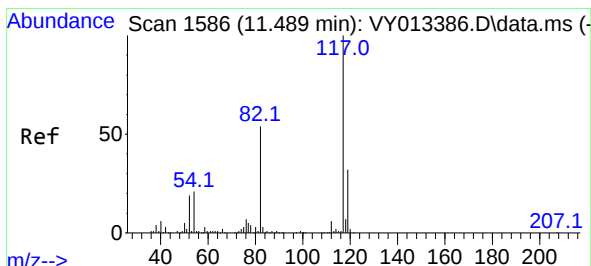
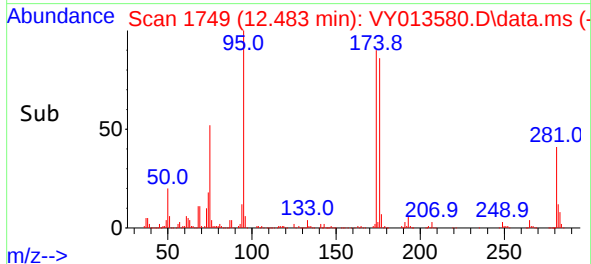
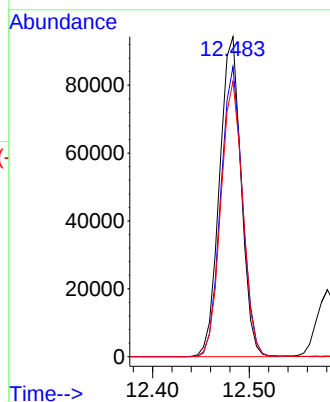
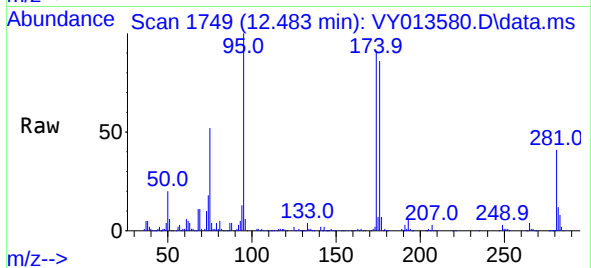




#62
4-Bromofluorobenzene
Concen: 50.747 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

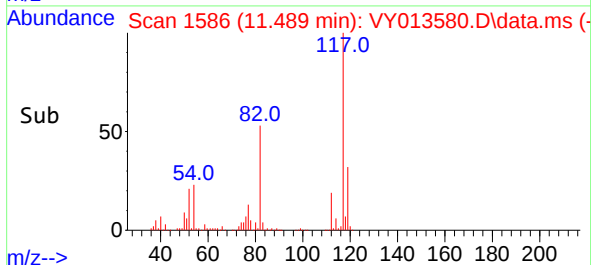
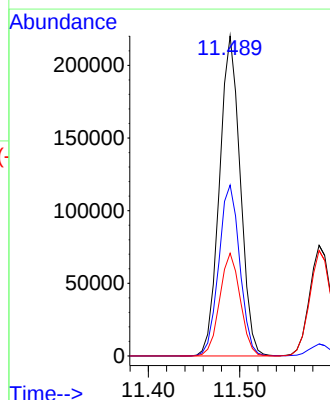
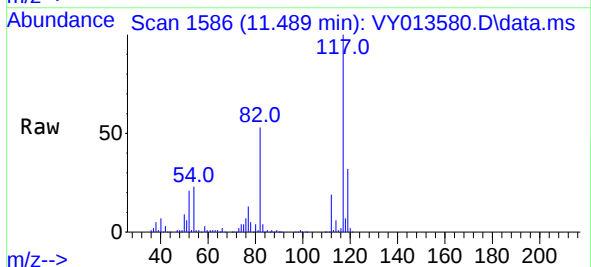
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

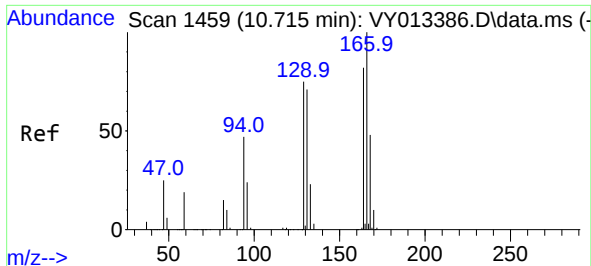
Tgt Ion: 95 Resp: 146030
Ion Ratio Lower Upper
95 100
174 91.0 0.0 182.0
176 87.2 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

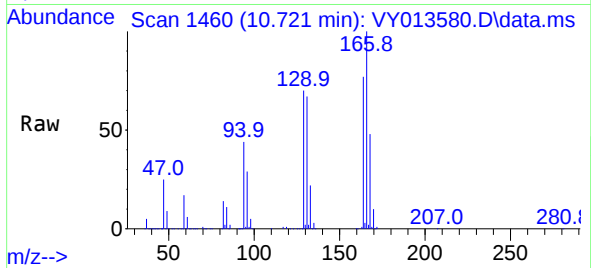
Tgt Ion: 117 Resp: 348173
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.6
119 32.1 25.5 38.3



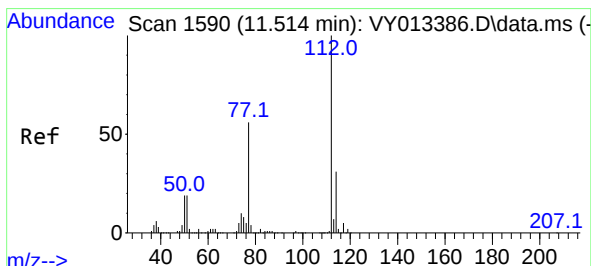
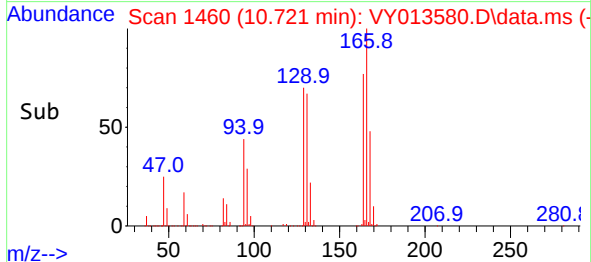
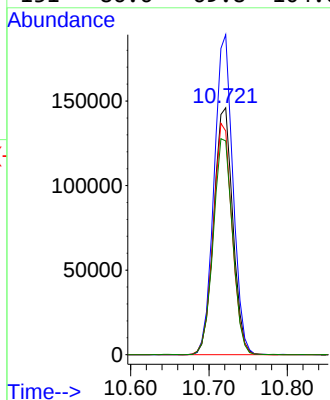


#64
Tetrachloroethene
Concen: 93.302 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

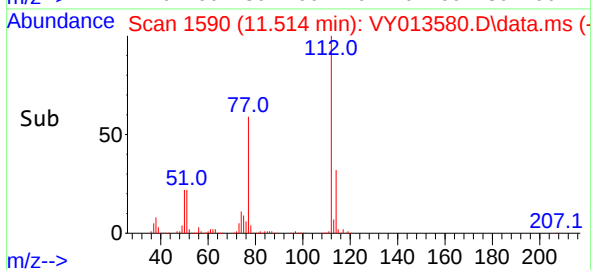
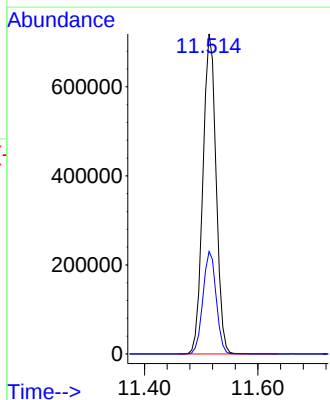
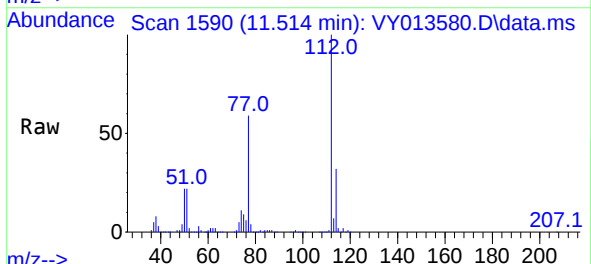


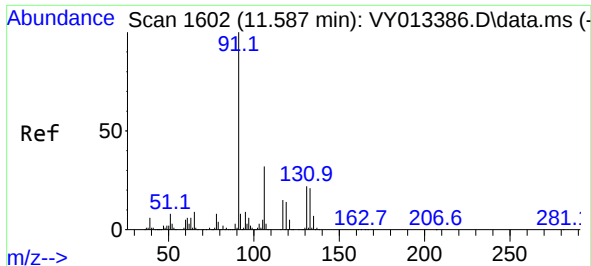
Tgt Ion:164 Resp: 247019
Ion Ratio Lower Upper
164 100
166 129.6 97.5 146.3
129 90.6 72.6 109.0
131 86.6 69.8 104.6



#65
Chlorobenzene
Concen: 152.858 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion:112 Resp: 1159356
Ion Ratio Lower Upper
112 100
114 32.0 24.9 37.3

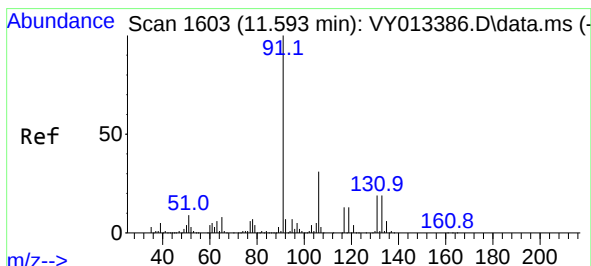
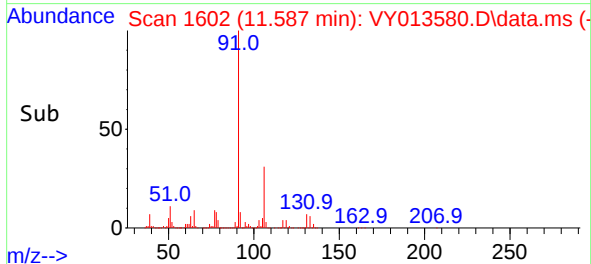
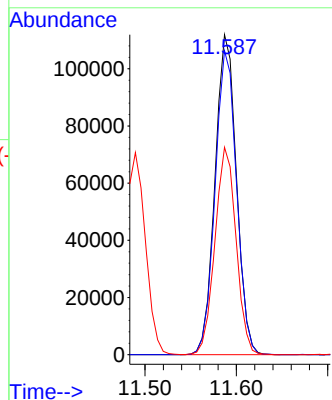
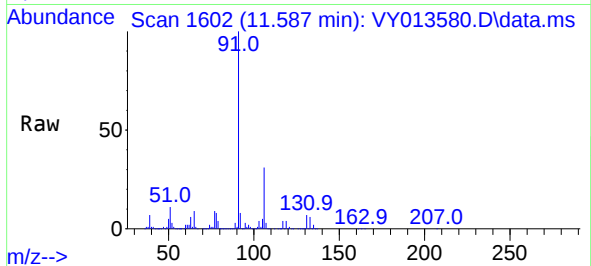




#66
1,1,1,2-Tetrachloroethane
Concen: 64.097 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

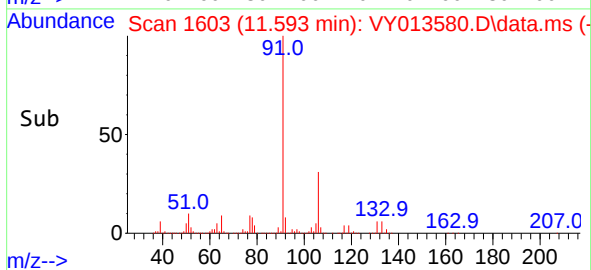
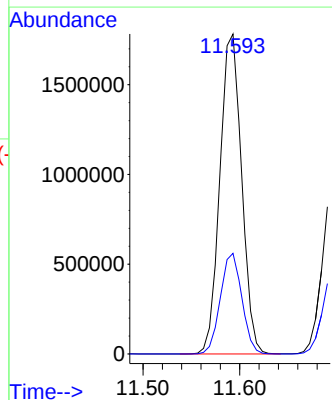
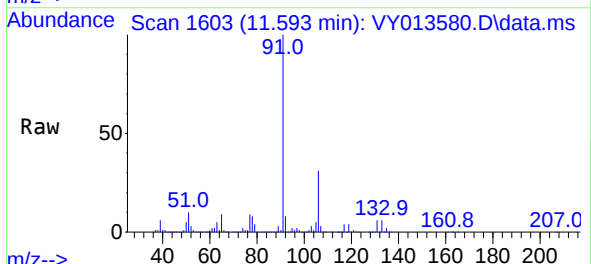
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

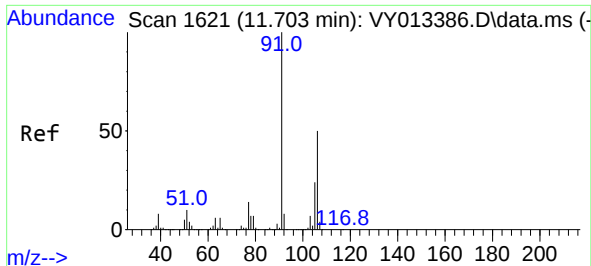
Tgt Ion:131 Resp: 181817
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 64.1 32.6 98.0



#67
Ethyl Benzene
Concen: 208.699 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 91 Resp: 2779539
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

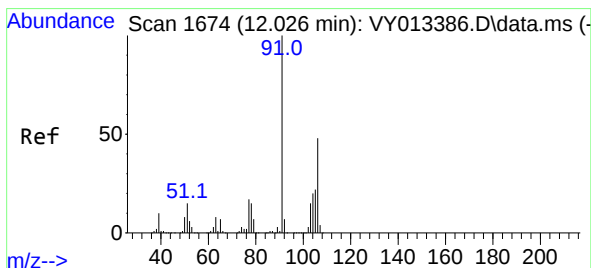
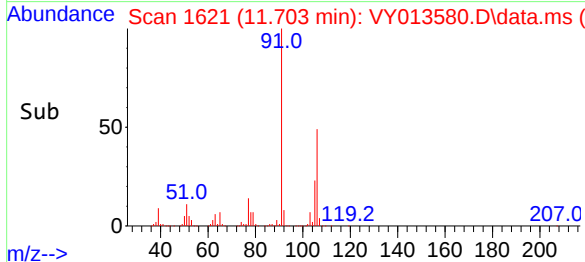
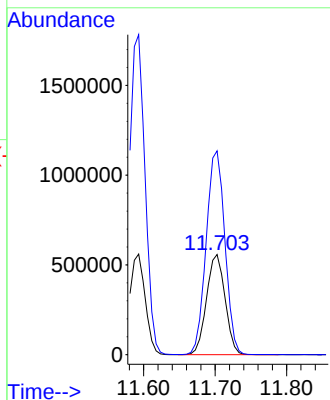
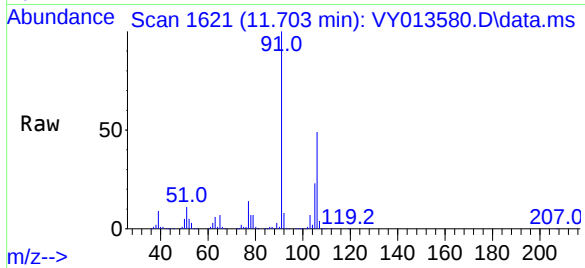




#68
m/p-Xylenes
Concen: 197.966 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

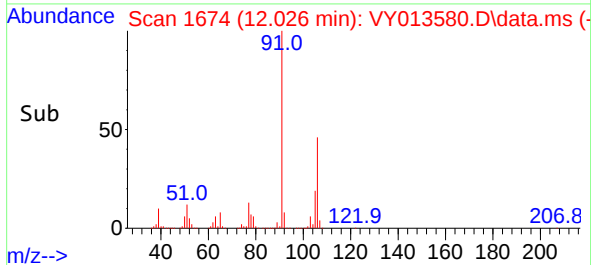
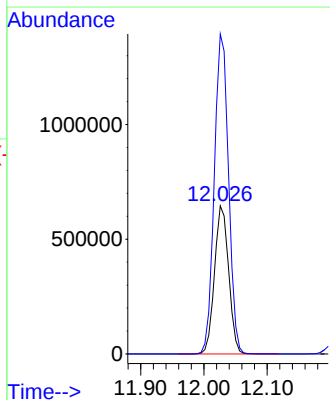
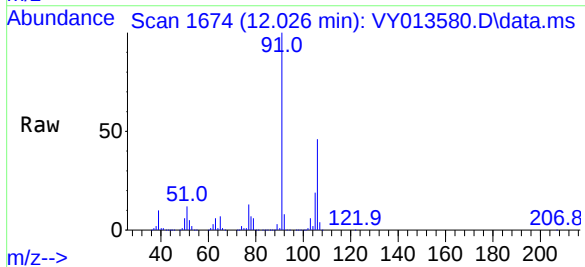
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

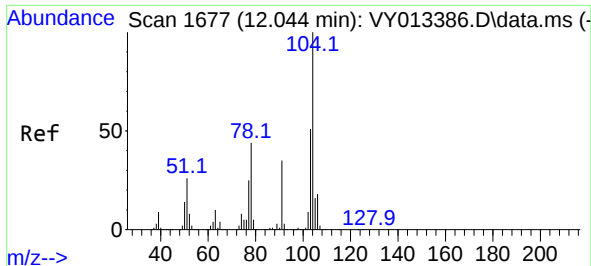
Tgt Ion:106 Resp: 1002315
Ion Ratio Lower Upper
106 100
91 205.8 160.9 241.3



#69
o-Xylene
Concen: 208.445 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion:106 Resp: 998111
Ion Ratio Lower Upper
106 100
91 217.8 105.5 316.4

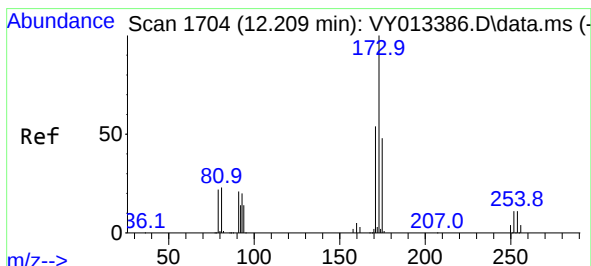
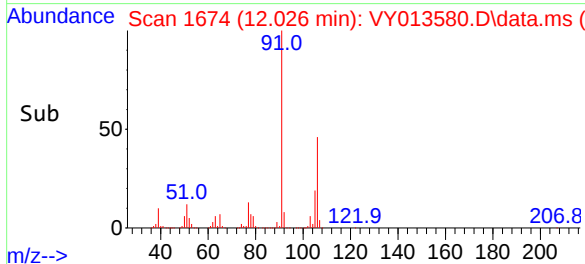
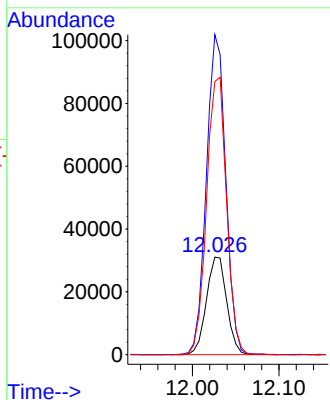
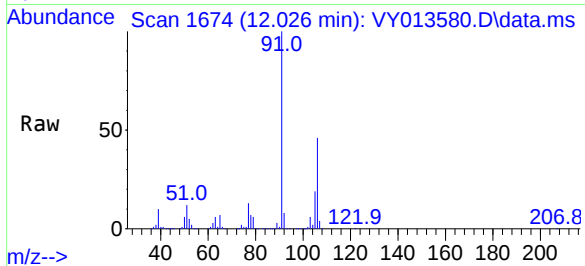




#70
Styrene
Concen: 6.328 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.018 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

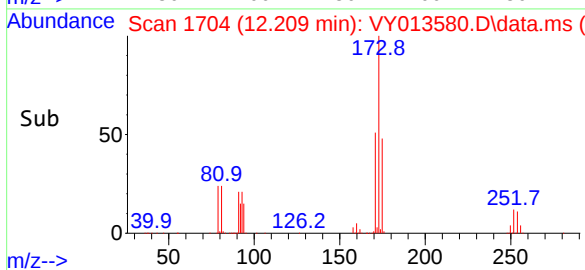
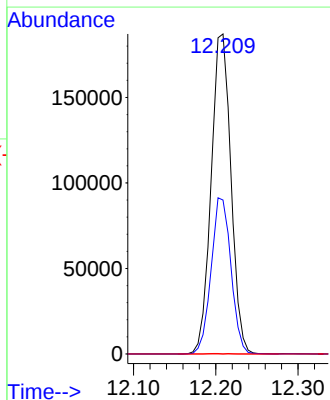
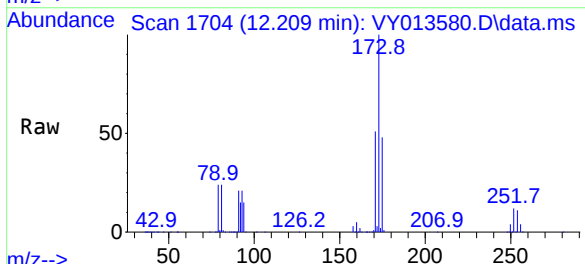
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

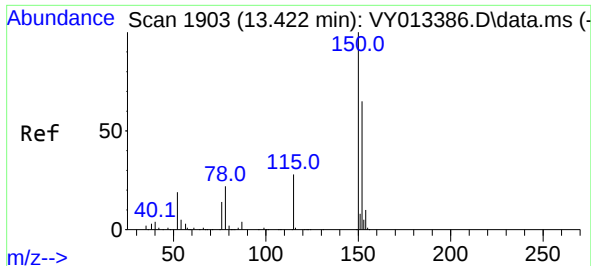
Tgt Ion:104 Resp: 50664
Ion Ratio Lower Upper
104 100
78 312.8 40.3 60.5#
103 279.6 45.0 67.4#



#71
Bromoform
Concen: 157.631 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion:173 Resp: 313194
Ion Ratio Lower Upper
173 100
175 48.8 24.3 72.8
254 0.1 0.2 0.2#

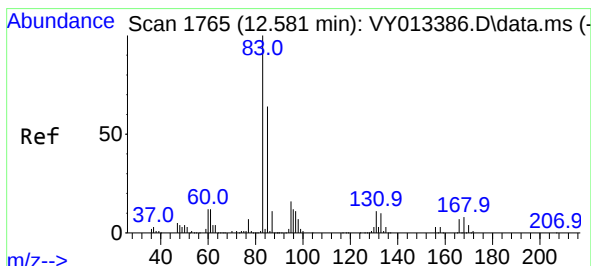
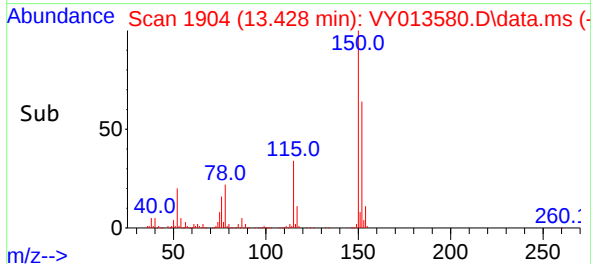
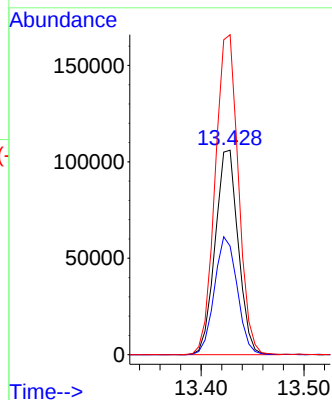
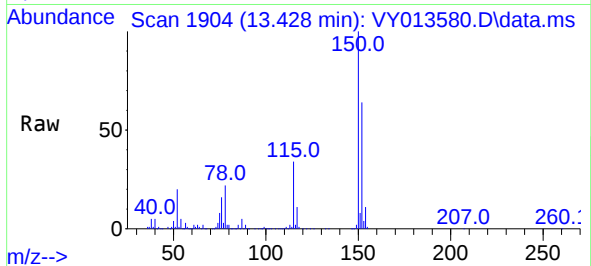




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

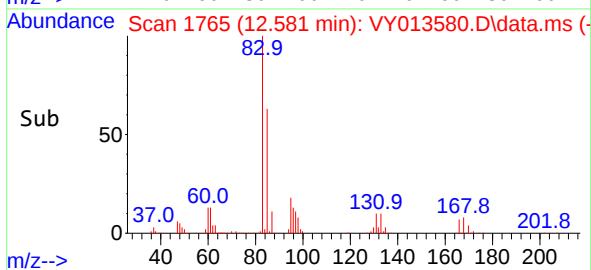
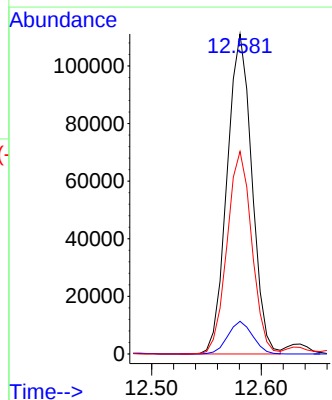
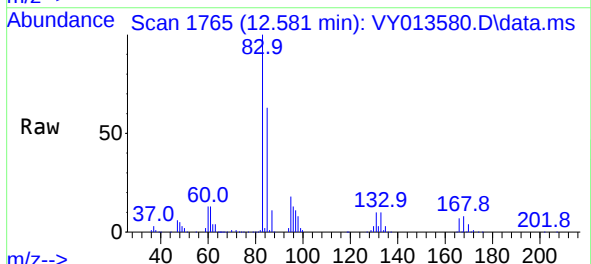
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

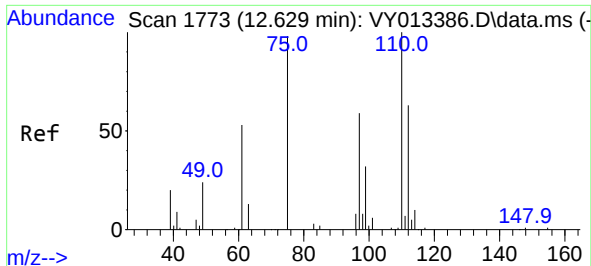
Tgt Ion:152 Resp: 165310
Ion Ratio Lower Upper
152 100
115 57.1 28.1 84.2
150 157.3 0.0 352.0



#75
1,1,2,2-Tetrachloroethane
Concen: 57.143 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 83 Resp: 174640
Ion Ratio Lower Upper
83 100
131 10.2 5.7 17.0
85 63.3 31.8 95.4

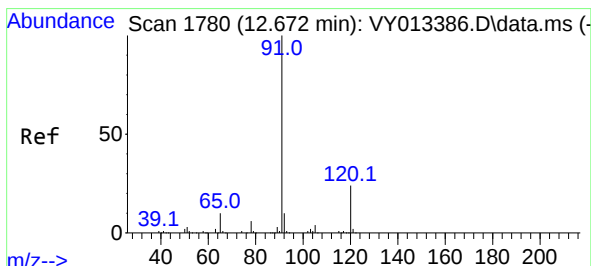
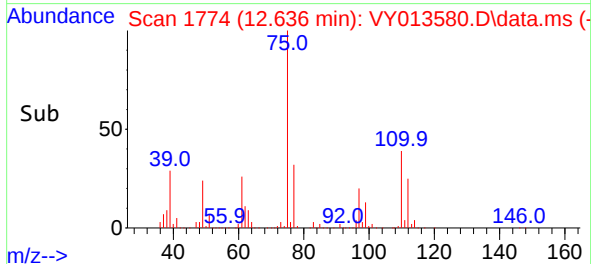
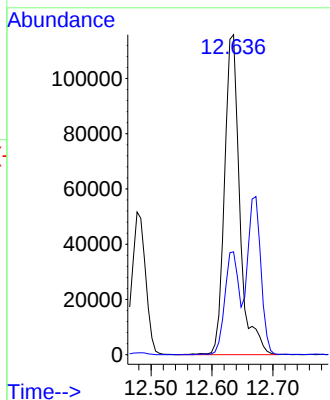
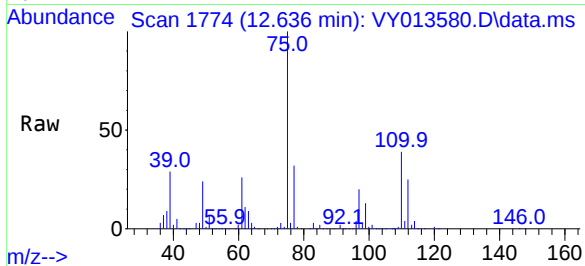




#76
1,2,3-Trichloropropane
Concen: 90.306 ug/l
RT: 12.636 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

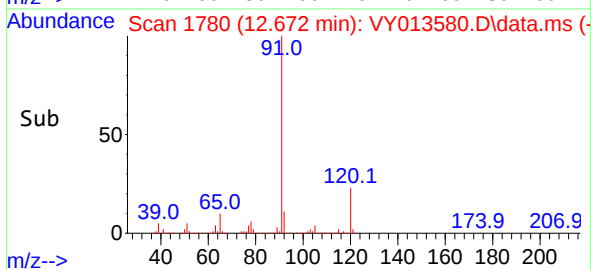
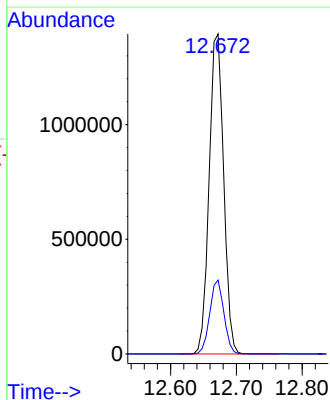
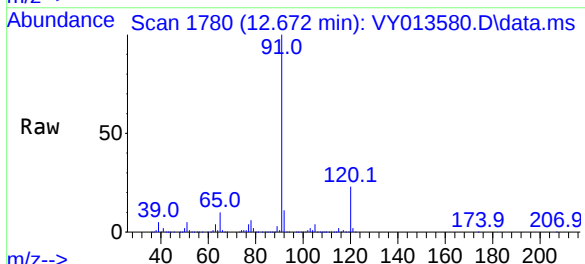
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

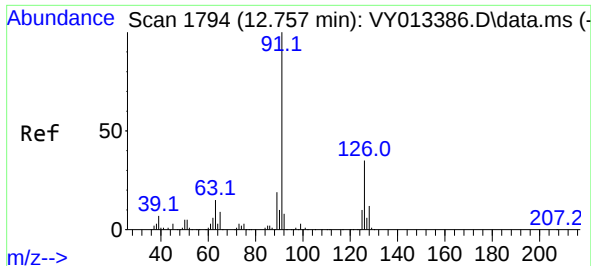
Tgt Ion: 75 Resp: 201328
Ion Ratio Lower Upper
75 100
77 29.9 0.0 0.0#



#78
n-propylbenzene
Concen: 138.963 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 91 Resp: 2140143
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9

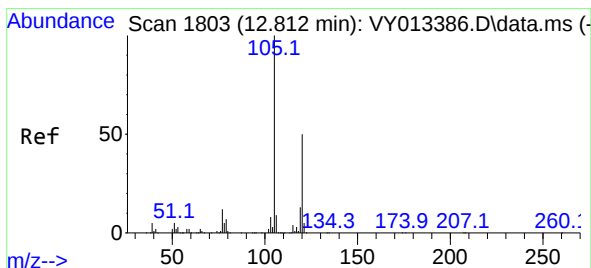
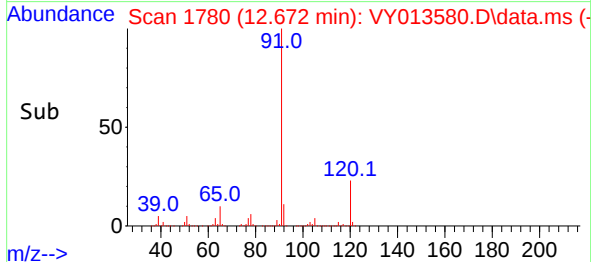
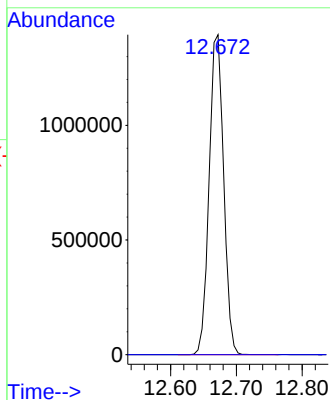
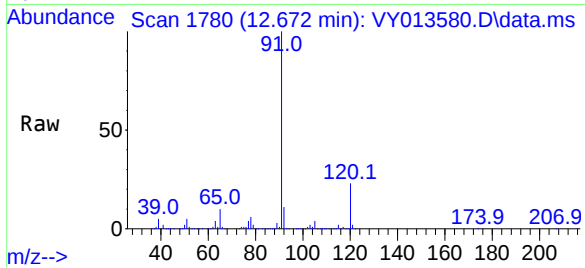




#79
2-Chlorotoluene
Concen: 248.845 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.085 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

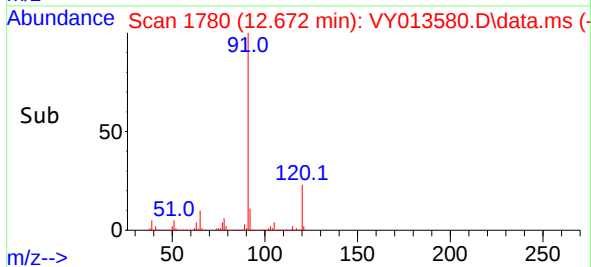
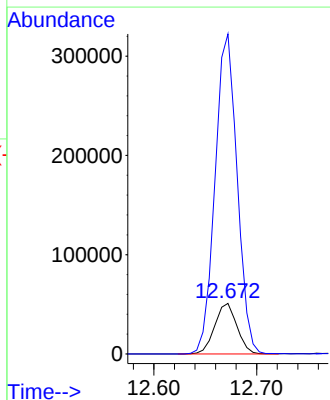
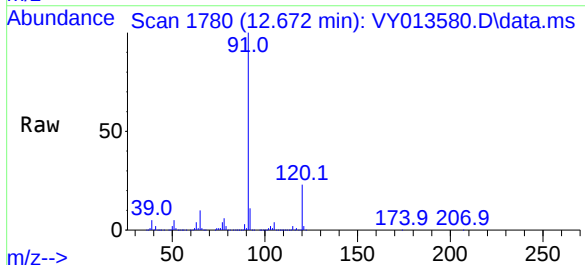
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

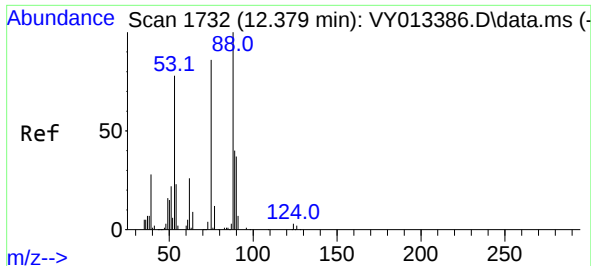
Tgt Ion: 91 Resp: 2140143
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#



#80
1,3,5-Trimethylbenzene
Concen: 7.493 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.140 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 105 Resp: 76469
Ion Ratio Lower Upper
105 100
120 629.4 24.7 74.1#

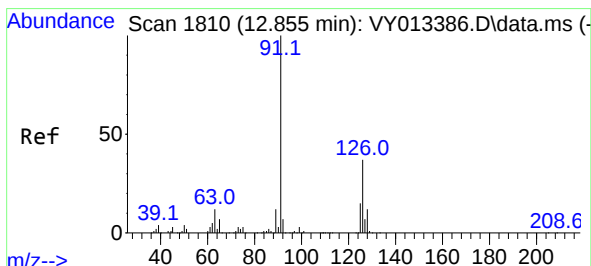
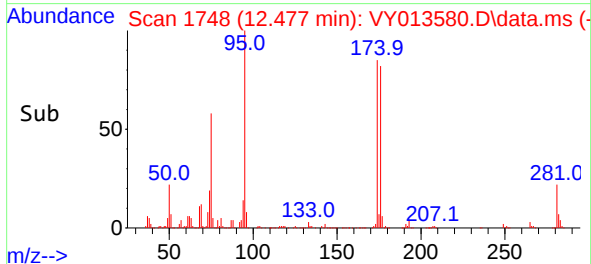
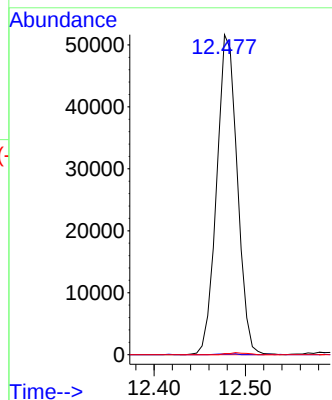
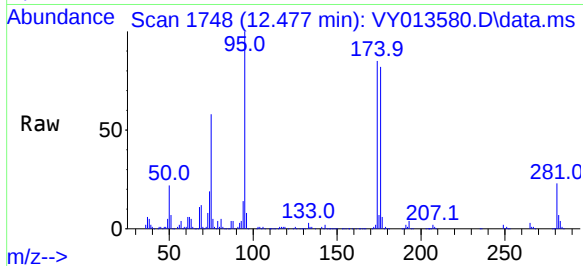




#81
trans-1,4-Dichloro-2-butene
Concen: 74.229 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

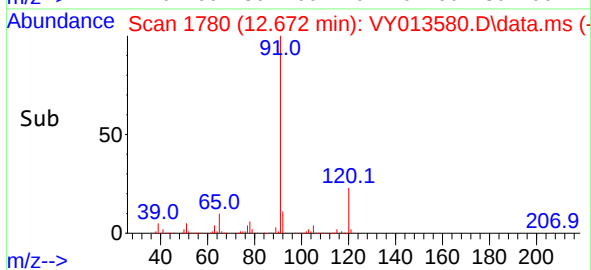
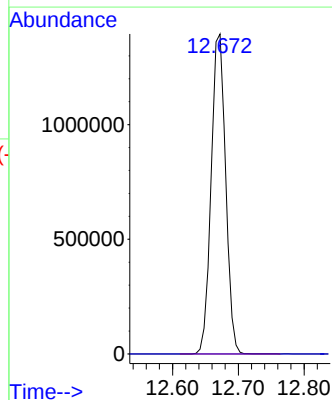
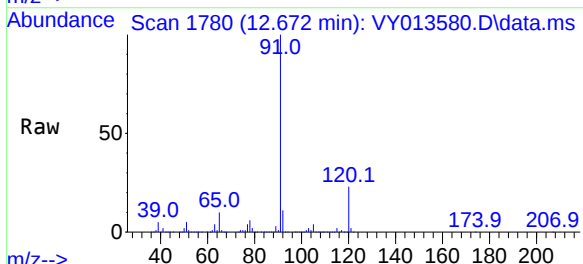
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

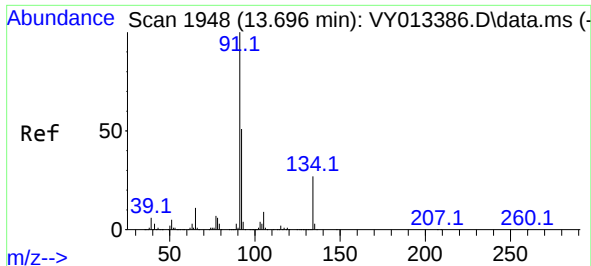
Tgt Ion: 75 Resp: 80901
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.0 38.0 57.0#



#82
4-Chlorotoluene
Concen: 238.750 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.183 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 91 Resp: 2140143
Ion Ratio Lower Upper
91 100
126 0.0 17.9 53.8#

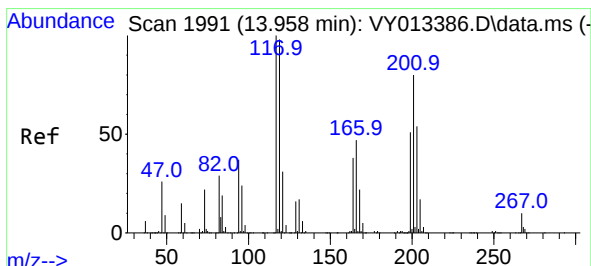
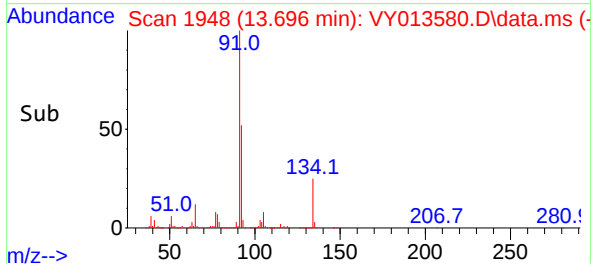
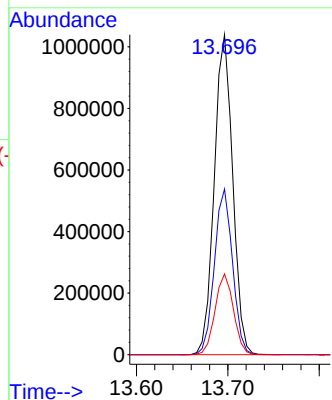
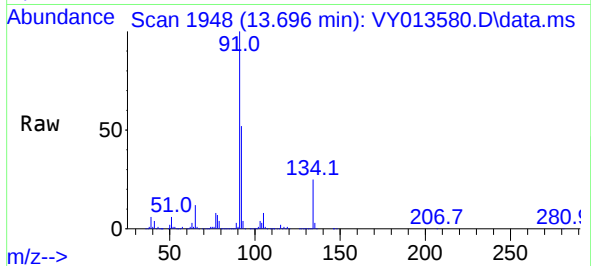




#89
n-Butylbenzene
Concen: 139.734 ug/l
RT: 13.696 min Scan# 1455325
Delta R.T. 0.000 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

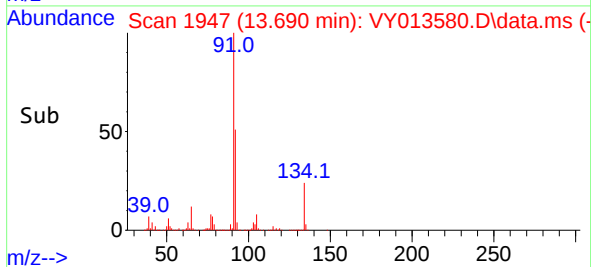
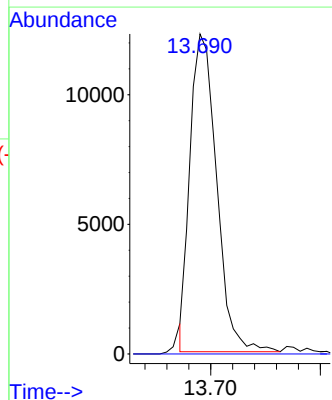
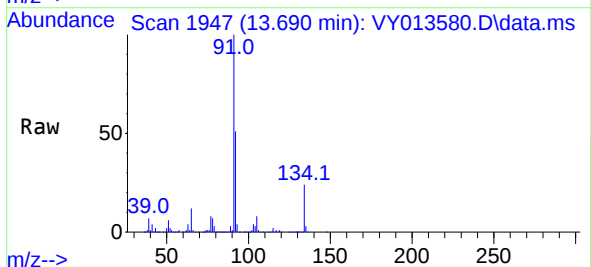
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOIL

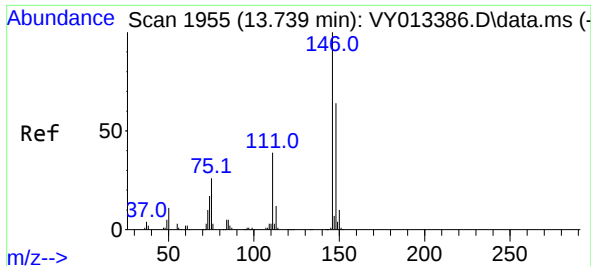
Tgt Ion: 91 Resp: 1455325
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 25.3 13.5 40.4



#90
Hexachloroethane
Concen: 9.180 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.268 min
Lab File: VY013580.D
Acq: 03 May 2023 14:36

Tgt Ion: 117 Resp: 20618
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#

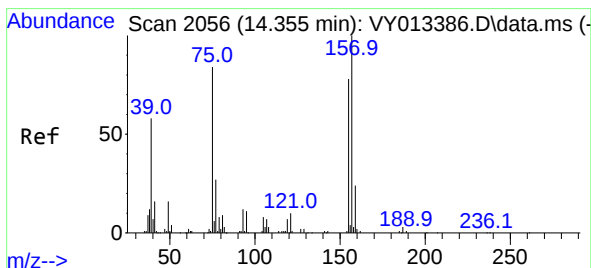
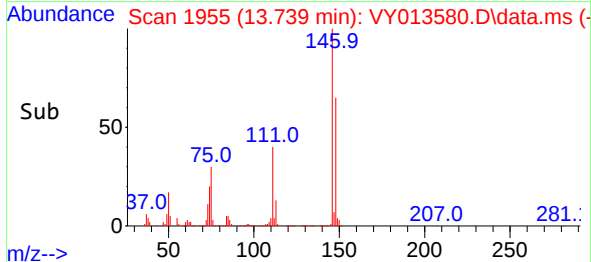
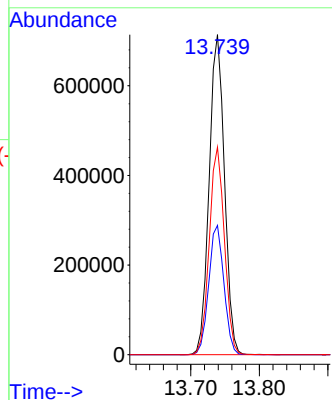
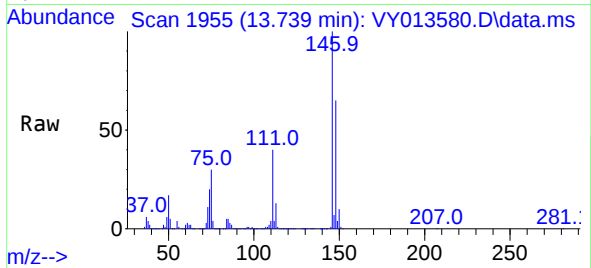




#91
 1,2-Dichlorobenzene
 Concen: 212.704 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. -0.000 min
 Lab File: VY013580.D
 Acq: 03 May 2023 14:36

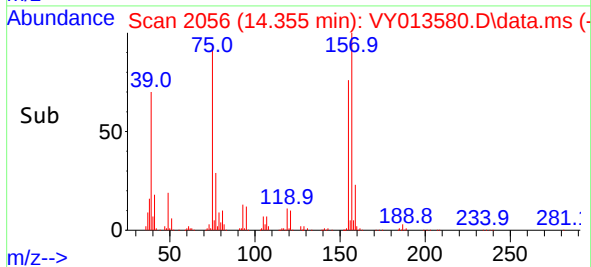
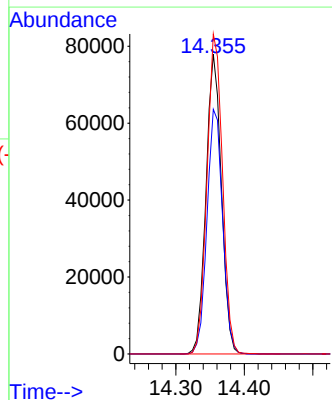
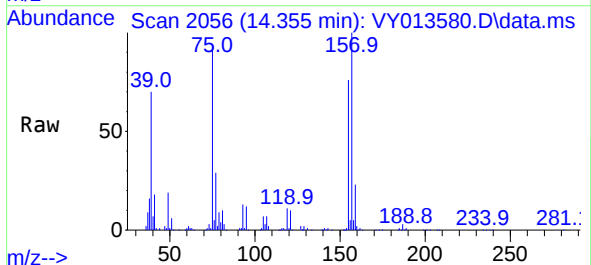
Instrument :
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 ClientSampleId :
 PT-VOA-SOIL

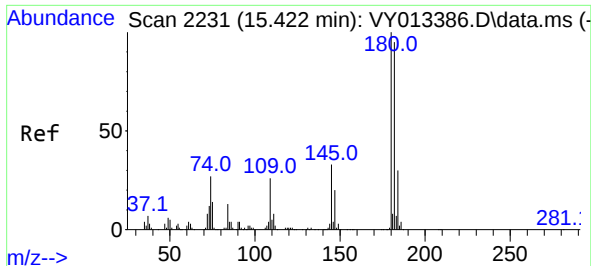
Tgt Ion:146 Resp: 1108666
 Ion Ratio Lower Upper
 146 100
 111 40.2 19.8 59.4
 148 64.2 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 226.261 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013580.D
 Acq: 03 May 2023 14:36

Tgt Ion: 75 Resp: 122126
 Ion Ratio Lower Upper
 75 100
 155 82.7 44.6 134.0
 157 107.6 57.6 172.7





#96
 1,2,3-Trichlorobenzene
 Concen: 199.163 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY013580.D
 Acq: 03 May 2023 14:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOIL

Tgt Ion:180 Resp: 551634
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.1 141.3
 145 30.9 15.9 47.7

