

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013583.D
 Acq On : 03 May 2023 15:46
 Operator : KP/MD
 Sample : 02500-24
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

Quant Time: May 04 01:20:52 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	240661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	371104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	344363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	166328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	145092	54.997	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.716	113	123895	53.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.160%
50) Toluene-d8	10.179	98	432952	52.142	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.483	95	147546	52.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.899	59	229	1.419	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	106014	42.386	ug/l	93
13) Acrolein	3.753	56	62	Below Cal	#	16
15) Acrylonitrile	5.222	53	2316	2.625	ug/l #	14
16) Acetone	3.954	43	224183	215.781	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	150232	20.806	ug/l	99
20) Methylene Chloride	4.716	84	22746	Below Cal	#	90
21) trans-1,2-Dichloroethene	5.216	96	109365	39.992	ug/l	98
24) 1,1-Dichloroethane	6.009	63	202015	39.959	ug/l	99
25) 2-Butanone	6.990	43	87686	66.550	ug/l	93
27) cis-1,2-Dichloroethene	6.984	96	92286	30.543	ug/l	91
28) Bromochloromethane	7.502	49	24392	13.596	ug/l #	7
30) Chloroform	7.502	83	274292	54.569	ug/l	99
31) Cyclohexane	7.783	56	5203	1.102	ug/l #	12
36) 1,1-Dichloropropene	7.789	75	17856	4.610	ug/l #	49
37) Ethyl Acetate	6.990	43	87686	30.080	ug/l #	1
38) Carbon Tetrachloride	7.899	117	122347	30.134	ug/l	96
40) Benzene	8.161	78	286436	26.250	ug/l	99
45) 1,2-Dichloropropane	9.209	63	93199	32.666	ug/l	97
46) Dibromomethane	9.490	93	6583	3.856	ug/l #	1
47) Bromodichloromethane	9.496	83	211375	55.336	ug/l	99
48) Methyl methacrylate	9.215	41	57352	25.380	ug/l #	33
51) 4-Methyl-2-Pentanone	10.069	43	405788	147.997	ug/l	96
52) Toluene	10.240	92	378508	57.643	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	160804	39.777	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	225098	49.483	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	30858	13.650	ug/l	94
57) 1,3-Dichloropropane	10.788	76	155311	40.565	ug/l	98
60) Dibromochloromethane	10.715	129	58914	21.462	ug/l #	11
61) 1,2-Dibromoethane	11.087	107	70217	31.592	ug/l	98
64) Tetrachloroethene	10.715	164	66308	25.322	ug/l	98
65) Chlorobenzene	11.514	112	299272	39.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	48823	17.402	ug/l	98
67) Ethyl Benzene	11.593	91	711760	54.033	ug/l	99
68) m/p-Xylenes	11.703	106	261498	52.220	ug/l	96
69) o-Xylene	12.026	106	256318	54.121	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013583.D
 Acq On : 03 May 2023 15:46
 Operator : KP/MD
 Sample : 02500-24
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

Quant Time: May 04 01:20:52 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)

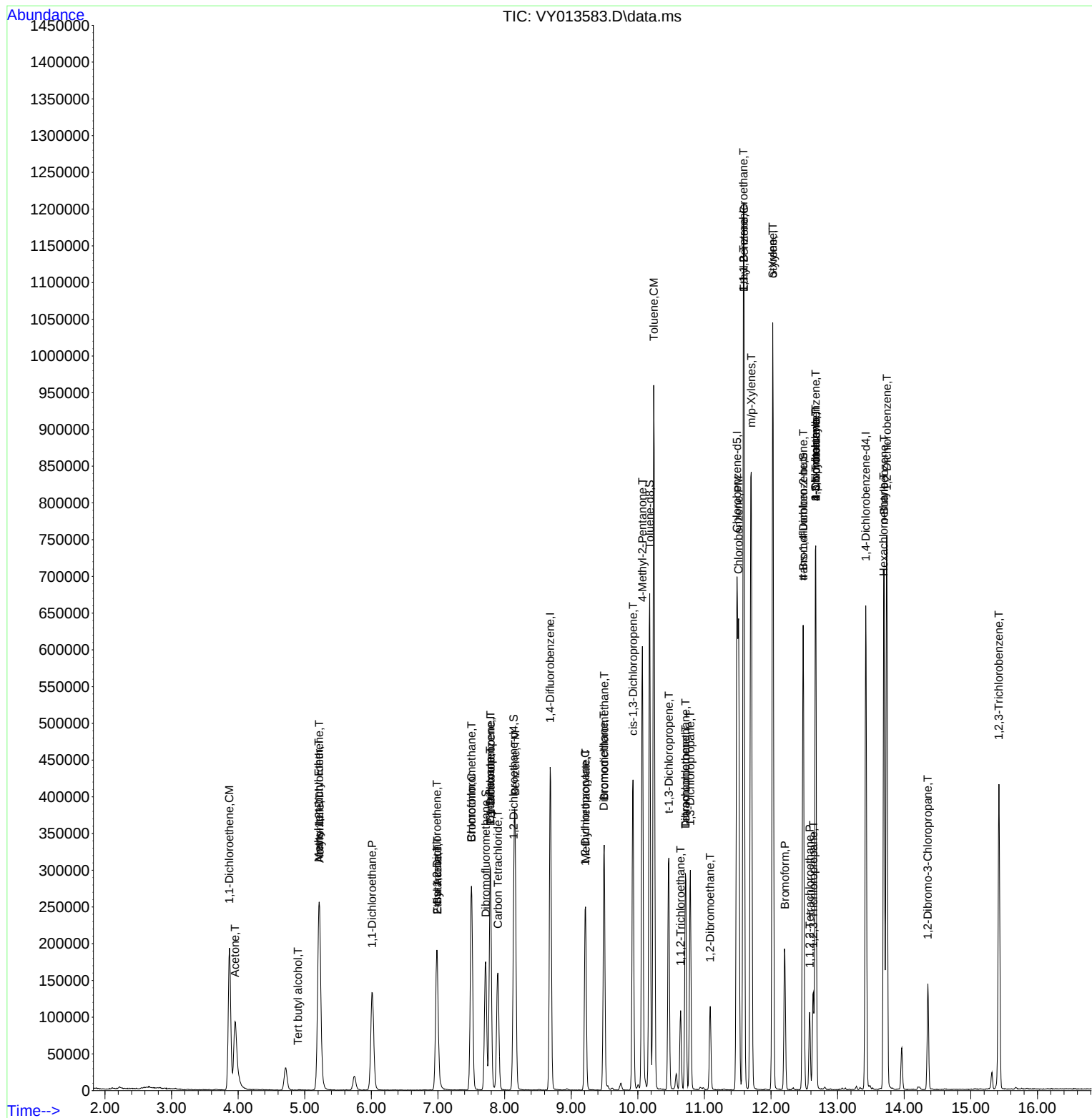
70) Styrene	12.026	104	14652	1.850	ug/l #	1
71) Bromoform	12.209	173	83558	42.520	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	46657	15.173	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	56525	25.199	ug/l #	100
78) n-propylbenzene	12.672	91	551591	35.596	ug/l	97
79) 2-Chlorotoluene	12.672	91	551591	63.744	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.672	105	19692	1.918	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	80982	73.849	ug/l #	13
82) 4-Chlorotoluene	12.672	91	551591	61.158	ug/l #	39
89) n-Butylbenzene	13.696	91	362407	34.584	ug/l	97
90) Hexachloroethane	13.690	117	8893	3.935	ug/l #	8
91) 1,2-Dichlorobenzene	13.739	146	300249	57.252	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	33084	60.919	ug/l	94
96) 1,2,3-Trichlorobenzene	15.422	180	132239	47.452	ug/l	98

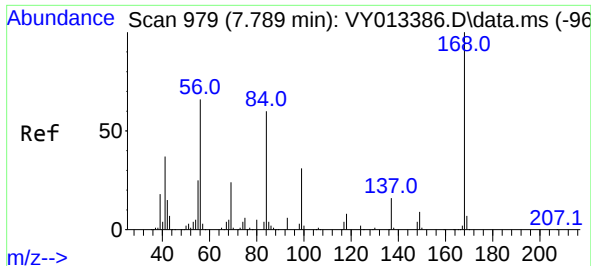
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050323\
 Data File : VY013583.D
 Acq On : 03 May 2023 15:46
 Operator : KP/MD
 Sample : 02500-24
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

Quant Time: May 04 01:20:52 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

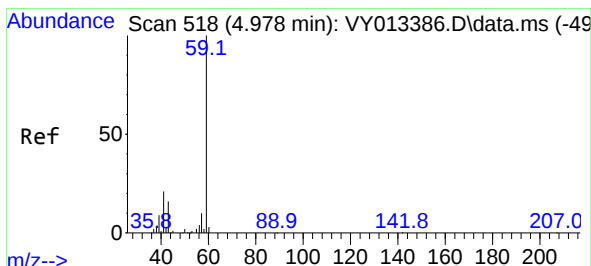
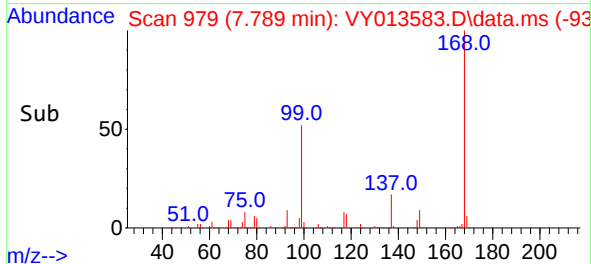
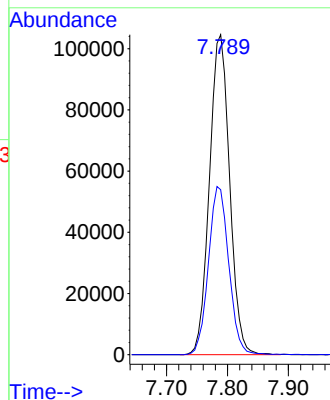
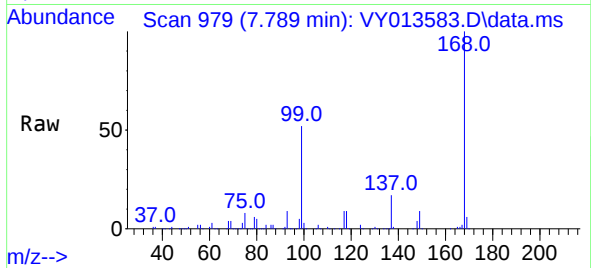




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

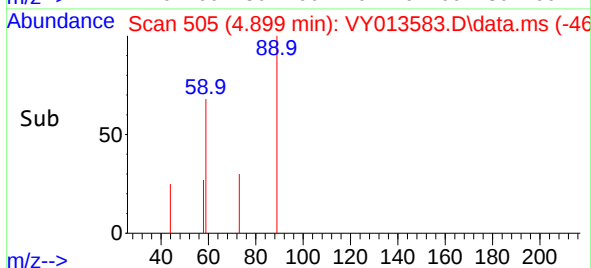
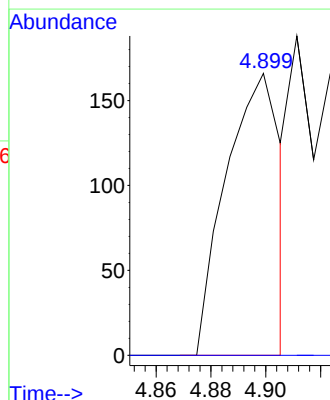
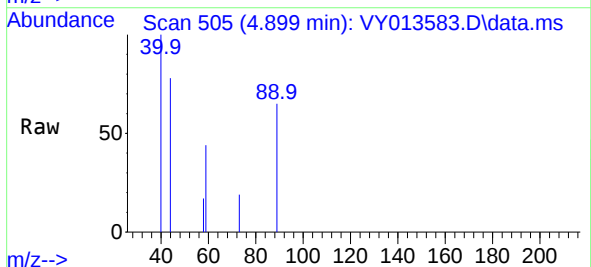
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

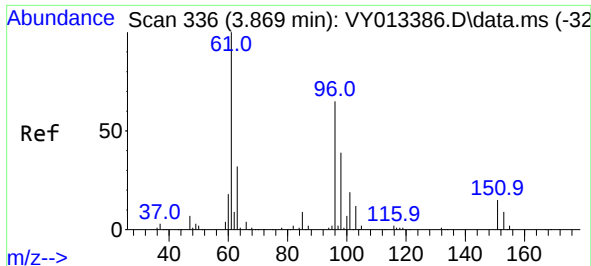
Tgt Ion:168 Resp: 240661
Ion Ratio Lower Upper
168 100
99 51.6 41.8 62.6



#11
Tert butyl alcohol
Concen: 1.419 ug/l
RT: 4.899 min Scan# 505
Delta R.T. -0.079 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 59 Resp: 229
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

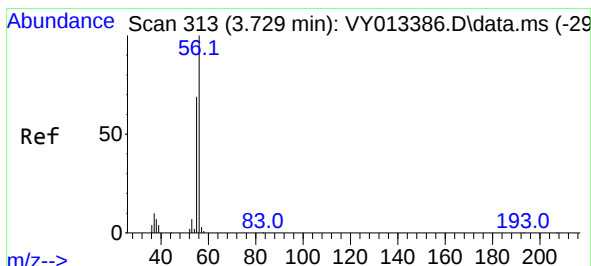
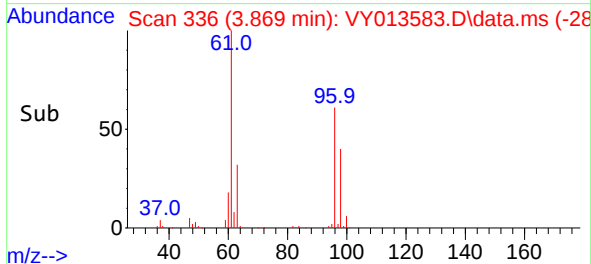
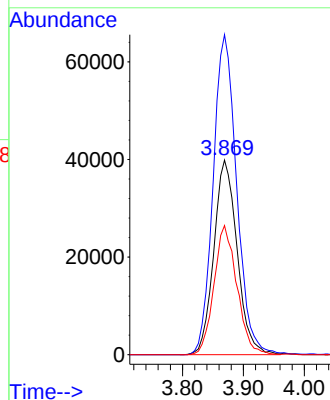
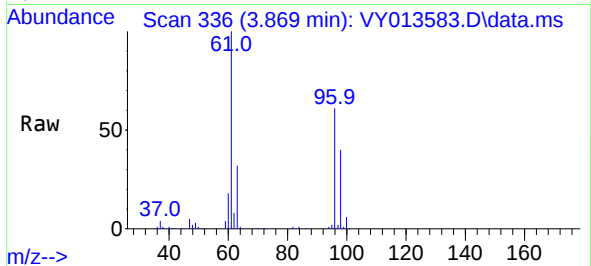




#12
1,1-Dichloroethene
Concen: 42.386 ug/l
RT: 3.869 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

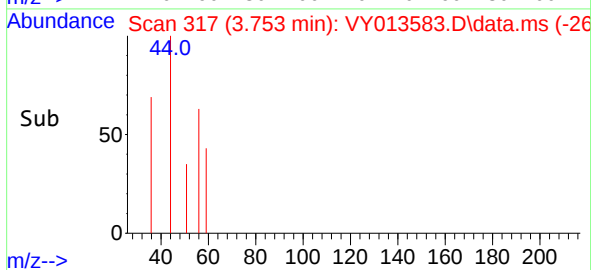
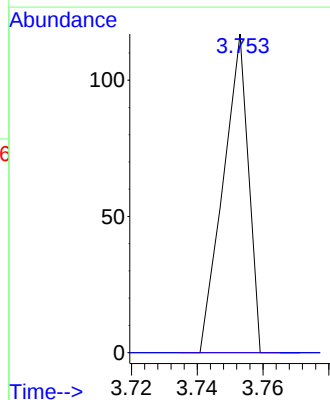
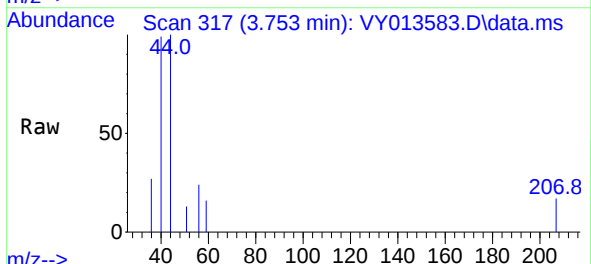
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

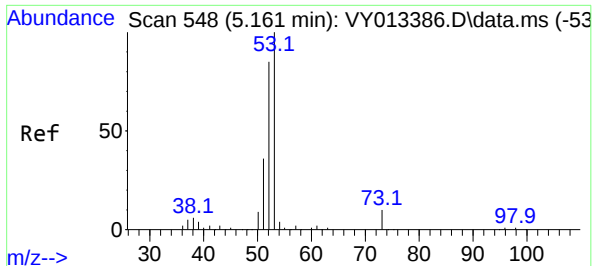
Tgt Ion: 96 Resp: 106014
Ion Ratio Lower Upper
96 100
61 164.4 123.9 185.9
98 66.3 48.9 73.3



#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 317
Delta R.T. 0.024 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

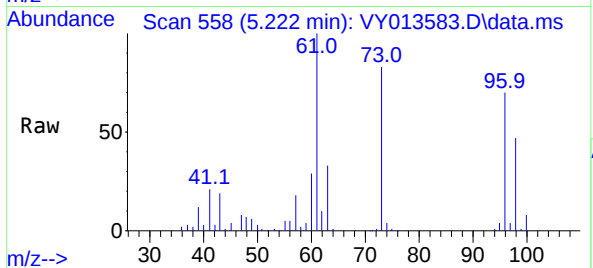
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#



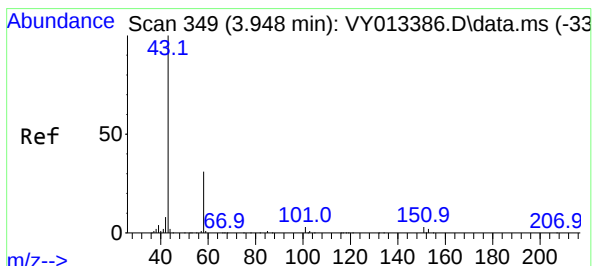
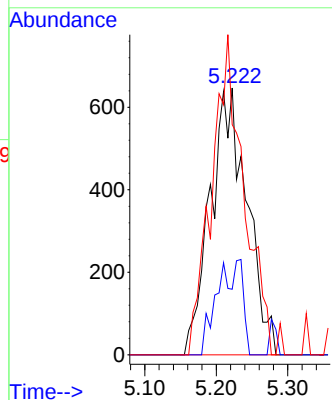
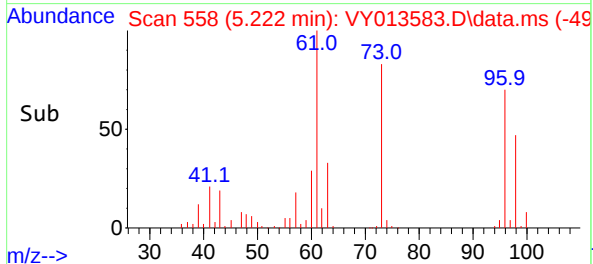


#15
Acrylonitrile
Concen: 2.625 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.061 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

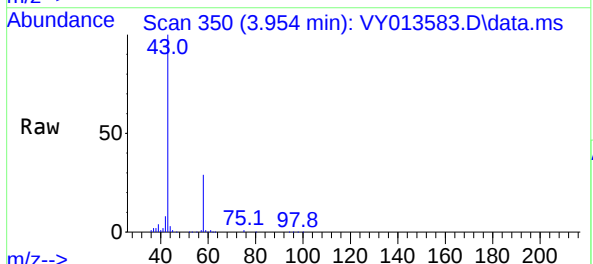
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL



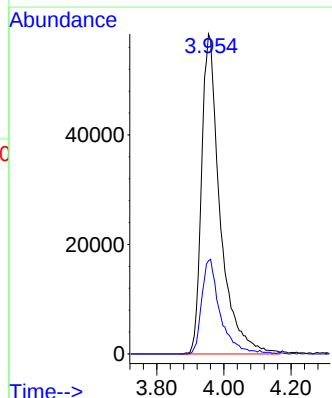
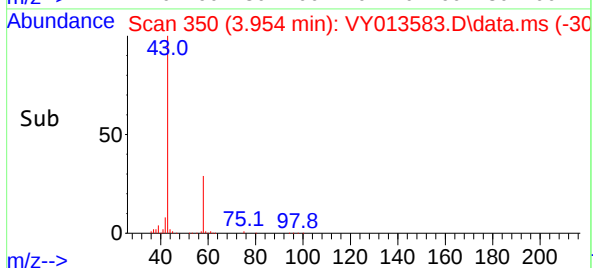
Tgt Ion: 53 Resp: 2316
Ion Ratio Lower Upper
53 100
52 15.8 65.4 98.0#
51 104.5 29.3 43.9#

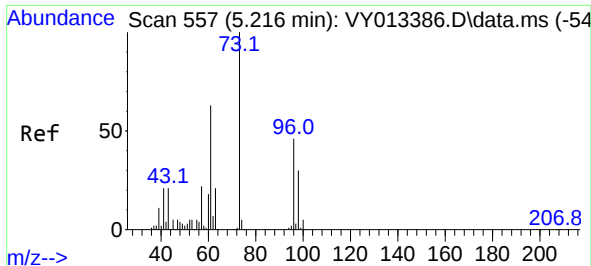


#16
Acetone
Concen: 215.781 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46



Tgt Ion: 43 Resp: 224183
Ion Ratio Lower Upper
43 100
58 29.1 25.4 38.0

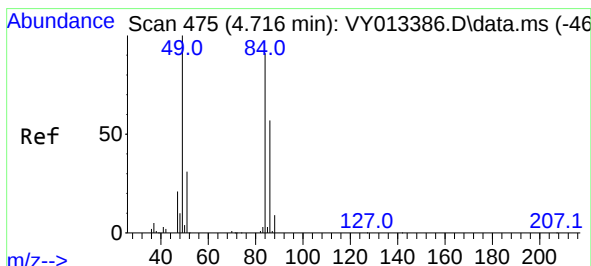
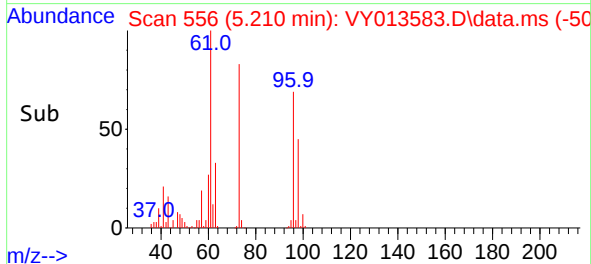
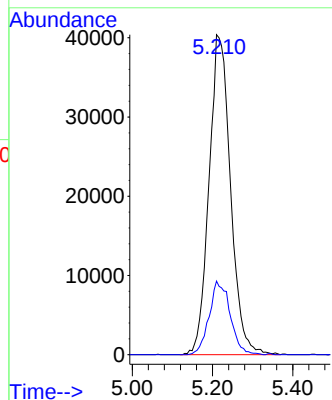
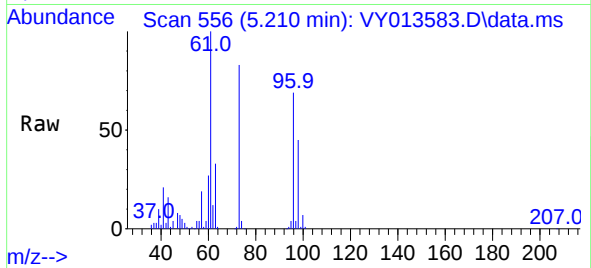




#19
Methyl tert-butyl Ether
Concen: 20.806 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

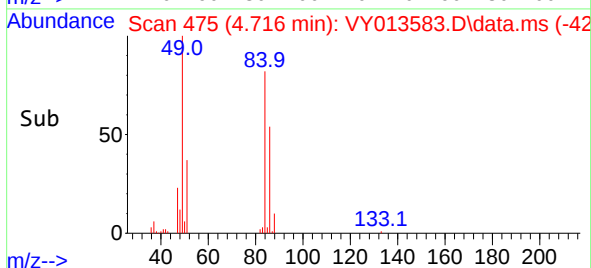
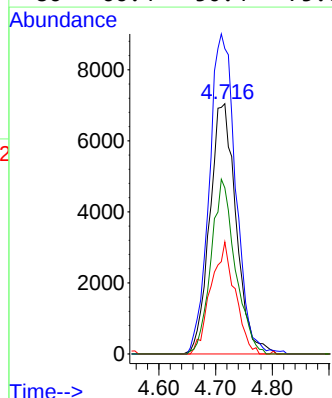
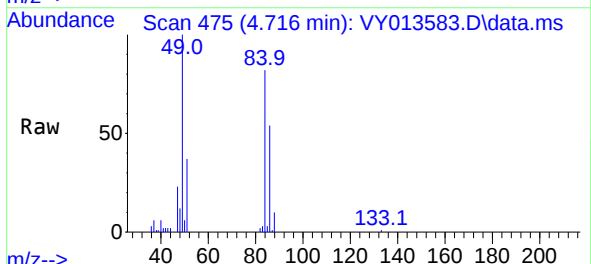
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

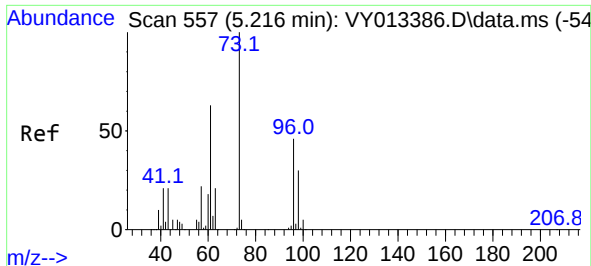
Tgt Ion: 73 Resp: 150232
Ion Ratio Lower Upper
73 100
57 23.0 17.8 26.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 84 Resp: 22746
Ion Ratio Lower Upper
84 100
49 122.0 88.0 132.0
51 44.8 27.4 41.0#
86 66.4 50.4 75.6

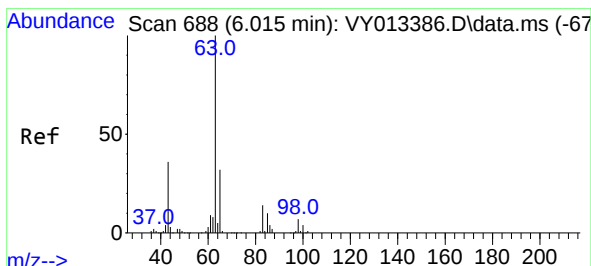
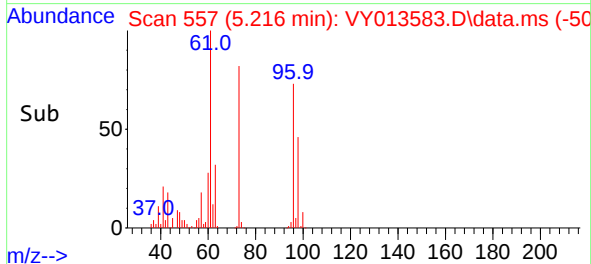
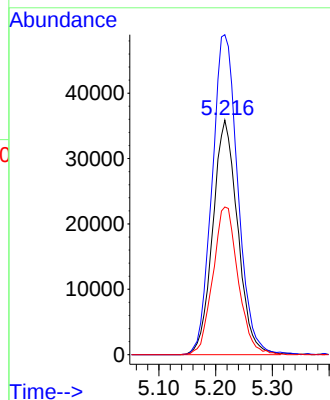
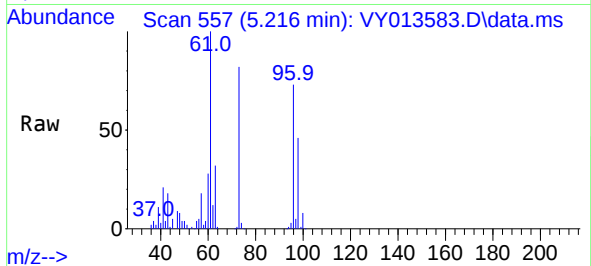




#21
trans-1,2-Dichloroethene
Concen: 39.992 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

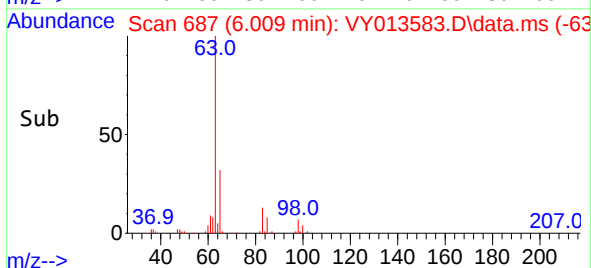
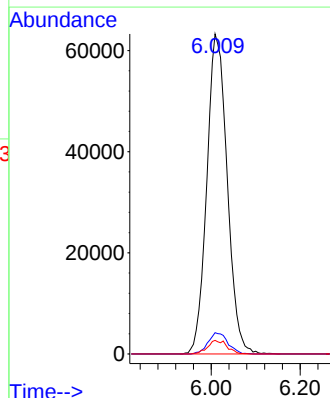
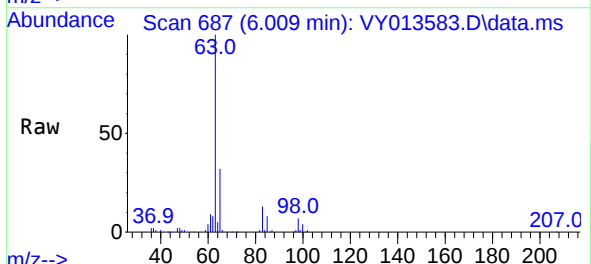
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

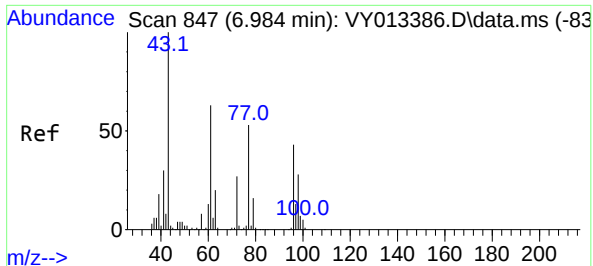
Tgt Ion: 96 Resp: 109365
Ion Ratio Lower Upper
96 100
61 136.4 110.6 165.8
98 62.9 53.1 79.7



#24
1,1-Dichloroethane
Concen: 39.959 ug/l
RT: 6.009 min Scan# 687
Delta R.T. -0.006 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 63 Resp: 202015
Ion Ratio Lower Upper
63 100
98 6.7 3.5 10.6
100 4.2 2.2 6.6

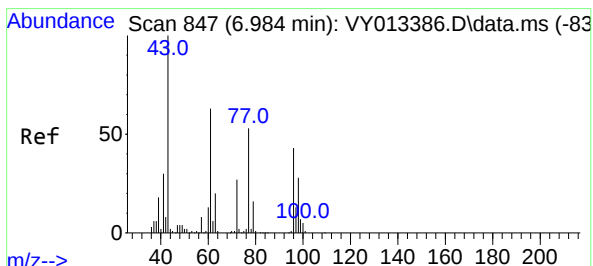
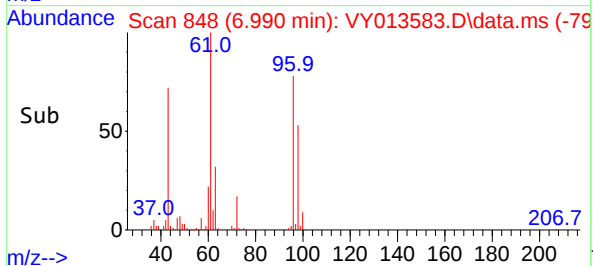
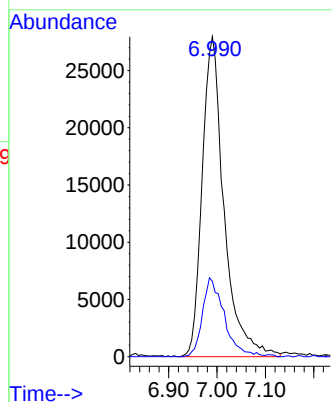
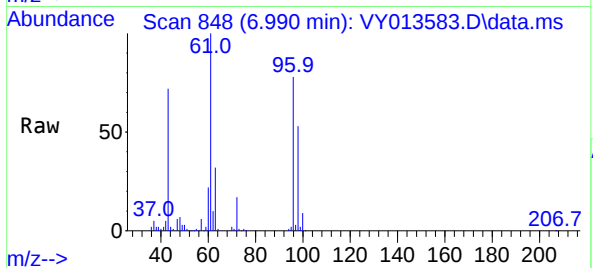




#25
2-Butanone
Concen: 66.550 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

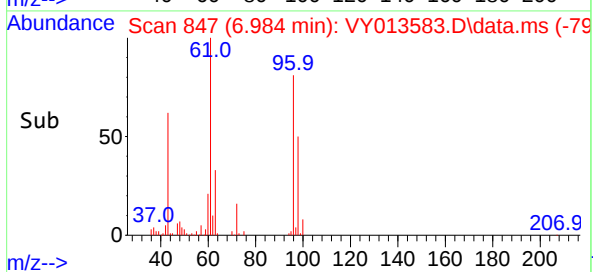
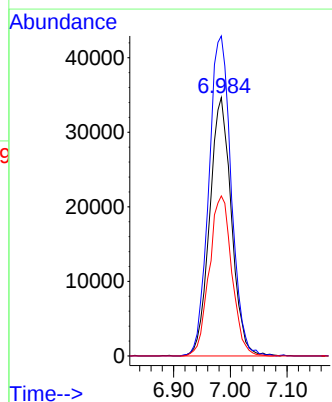
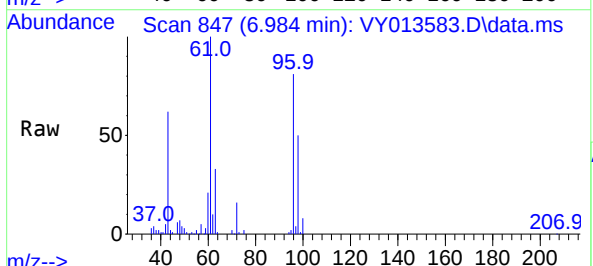
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

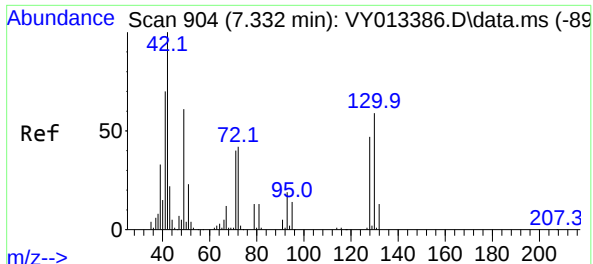
Tgt Ion: 43 Resp: 87686
Ion Ratio Lower Upper
43 100
72 23.6 21.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 30.543 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 96 Resp: 92286
Ion Ratio Lower Upper
96 100
61 127.5 0.0 285.0
98 64.1 0.0 130.6

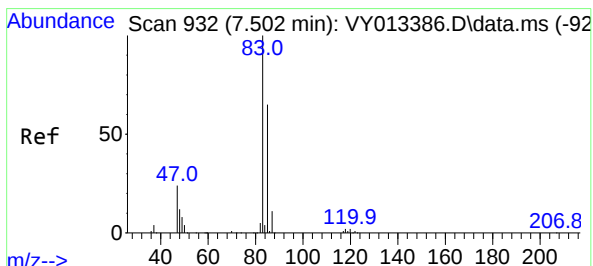
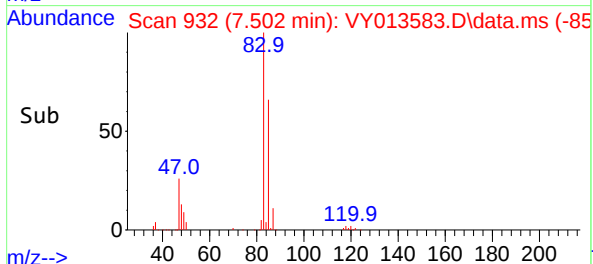
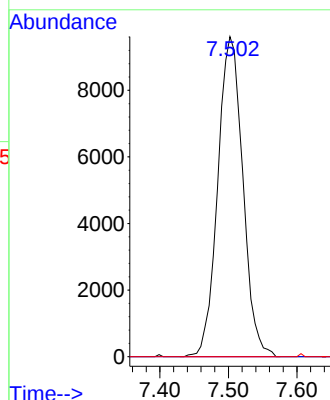
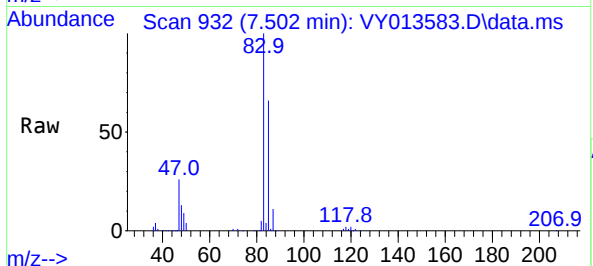




#28
Bromochloromethane
Concen: 13.596 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.170 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

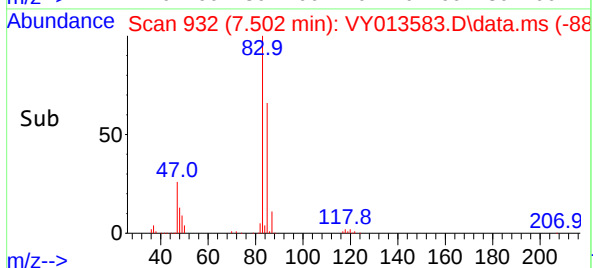
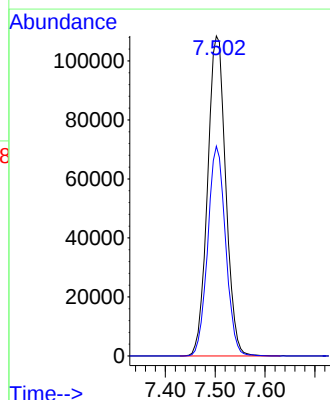
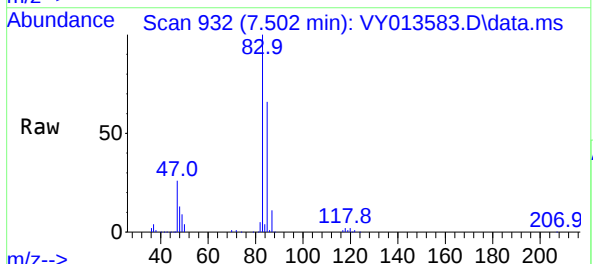
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

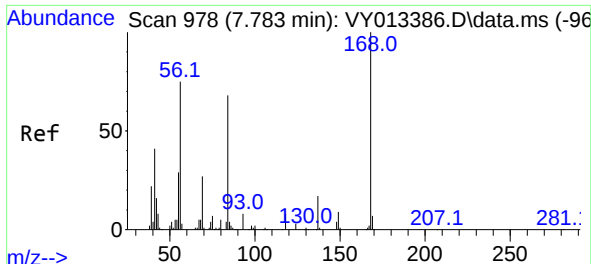
Tgt Ion: 49 Resp: 24392
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.2
130 0.0 72.1 108.1#



#30
Chloroform
Concen: 54.569 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 83 Resp: 274292
Ion Ratio Lower Upper
83 100
85 65.6 52.0 78.0

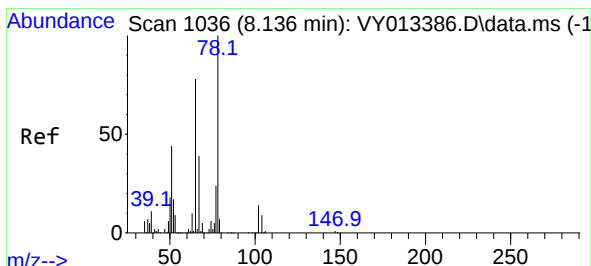
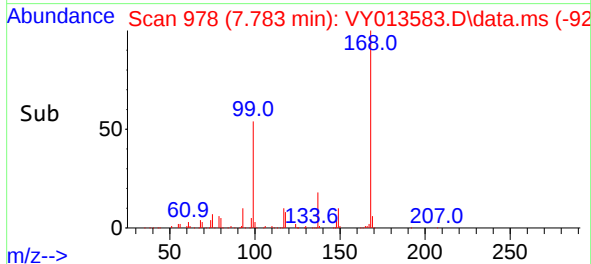
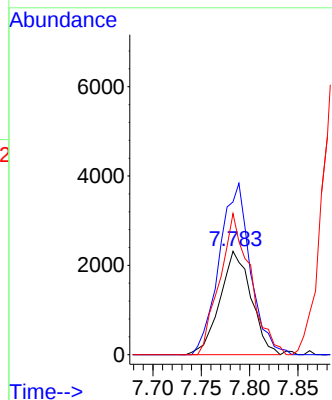
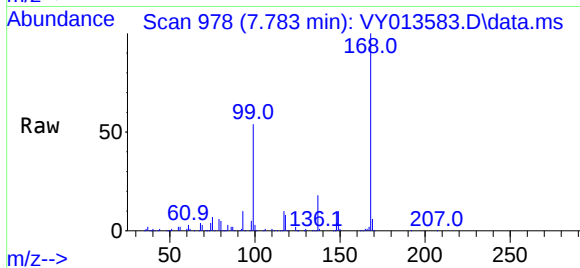




#31
Cyclohexane
Concen: 1.102 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

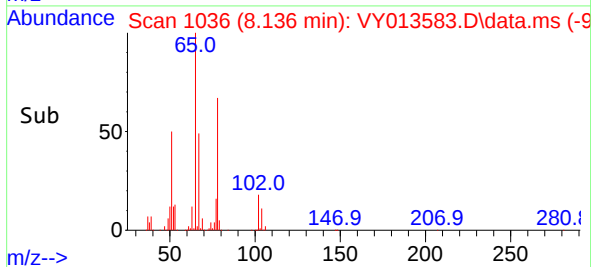
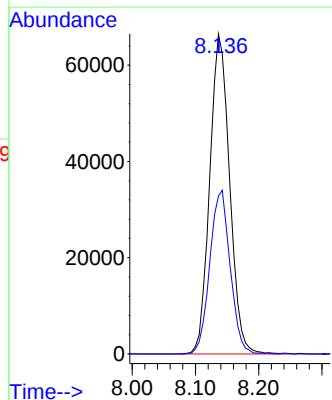
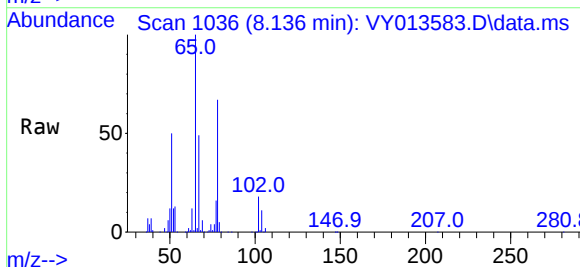
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

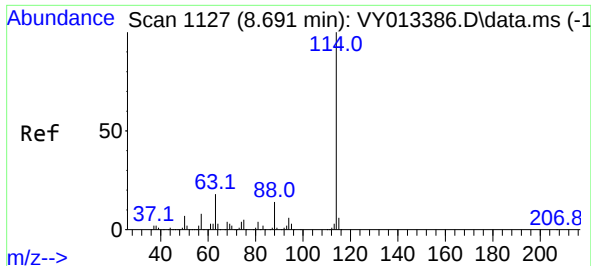
Tgt Ion: 56 Resp: 5203
Ion Ratio Lower Upper
56 100
69 147.9 29.2 43.8#
84 136.6 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 54.997 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 65 Resp: 145092
Ion Ratio Lower Upper
65 100
67 52.5 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: VY013583.D

Acq: 03 May 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILDL

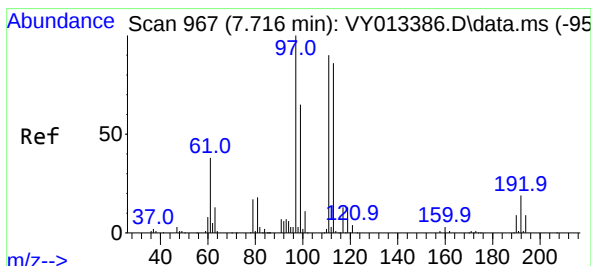
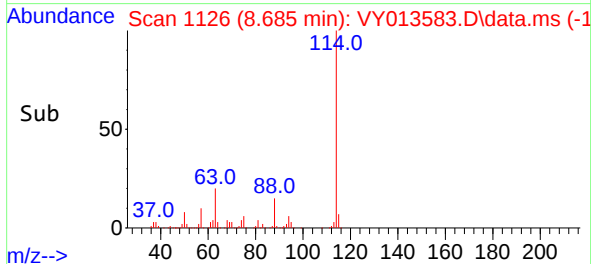
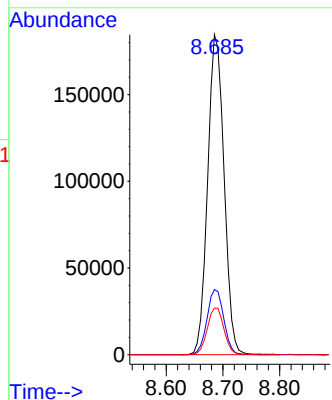
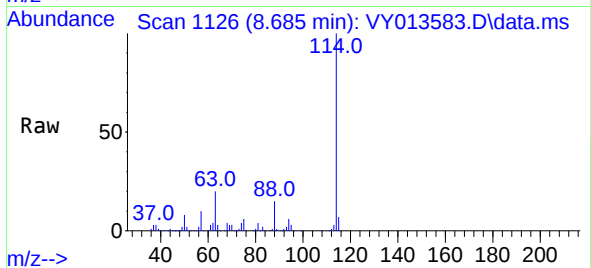
Tgt Ion:114 Resp: 371104

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.6

88 14.5 0.0 28.8



#35

Dibromofluoromethane

Concen: 53.081 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013583.D

Acq: 03 May 2023 15:46

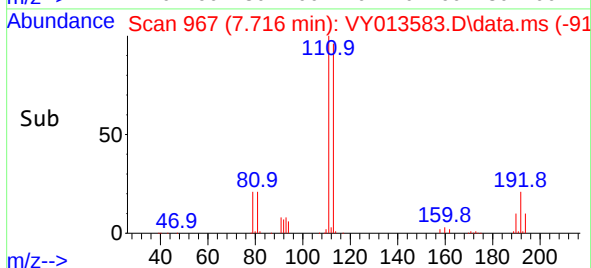
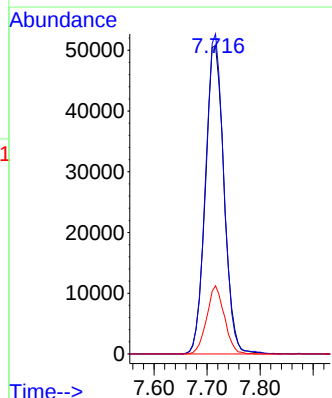
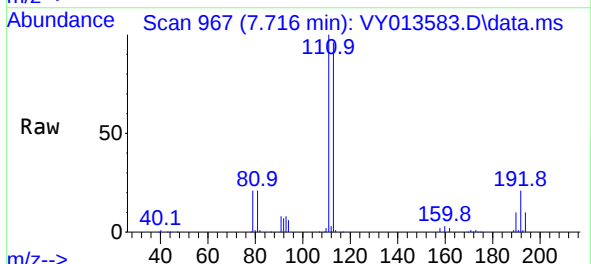
Tgt Ion:113 Resp: 123895

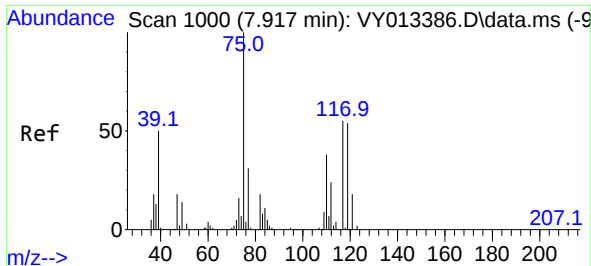
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

192 21.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.610 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY013583.D

Acq: 03 May 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILDL

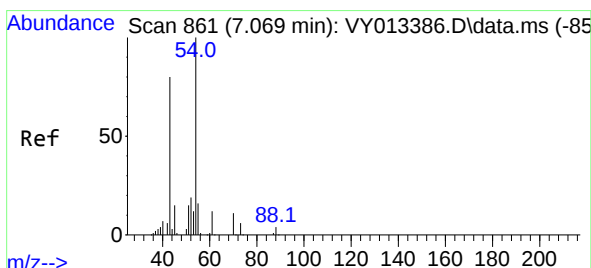
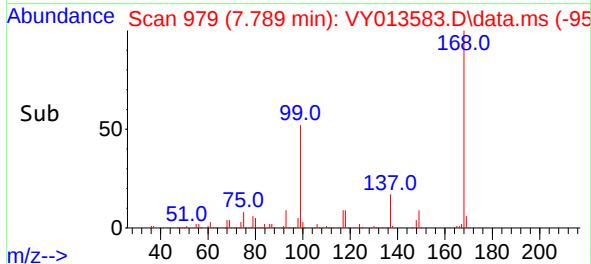
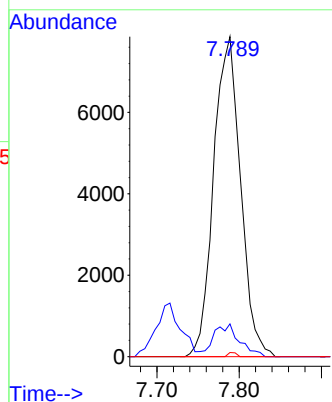
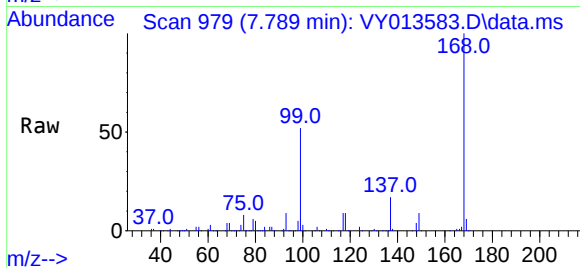
Tgt Ion: 75 Resp: 17856

Ion Ratio Lower Upper

75 100

110 9.8 18.7 56.1#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 30.080 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.079 min

Lab File: VY013583.D

Acq: 03 May 2023 15:46

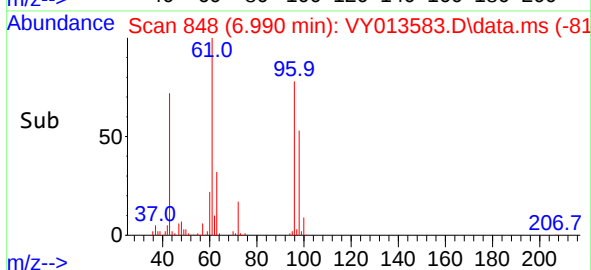
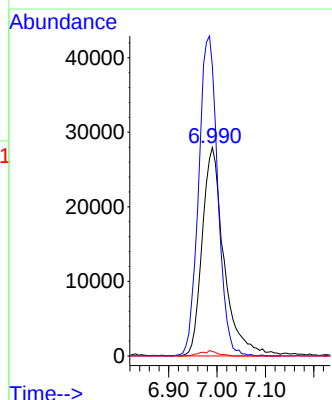
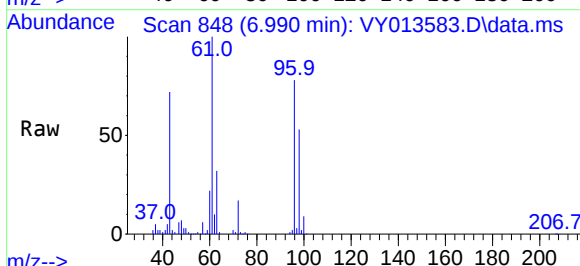
Tgt Ion: 43 Resp: 87686

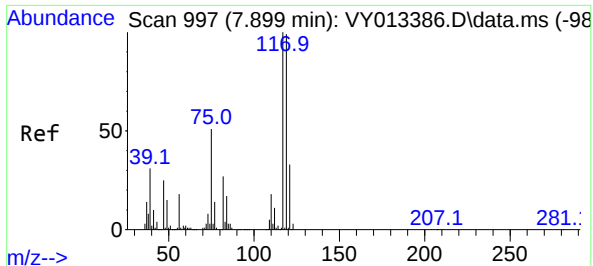
Ion Ratio Lower Upper

43 100

61 134.2 11.4 17.0#

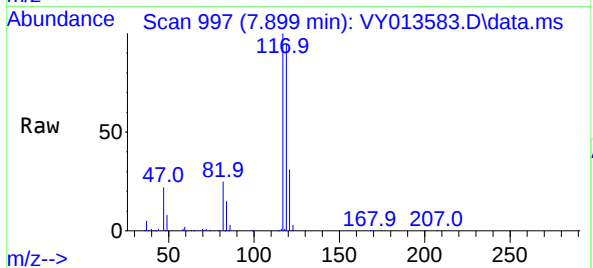
70 2.0 7.9 11.9#



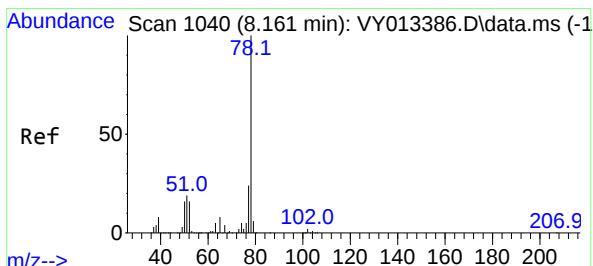
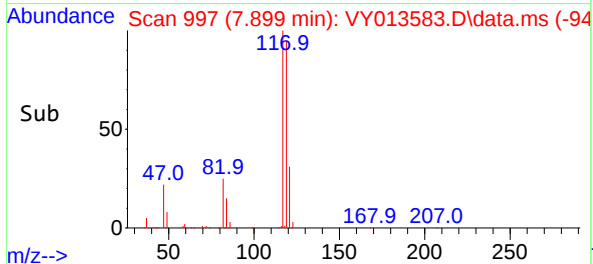
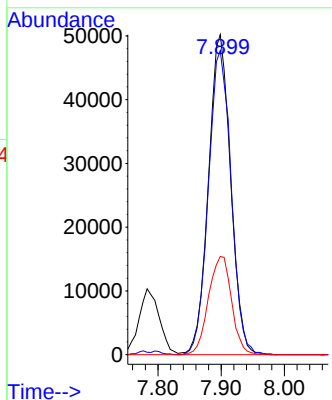


#38
Carbon Tetrachloride
Concen: 30.134 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

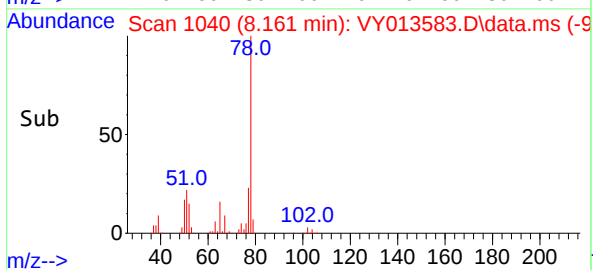
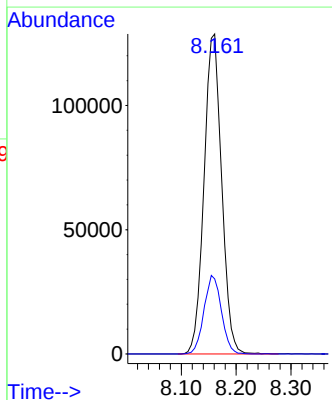
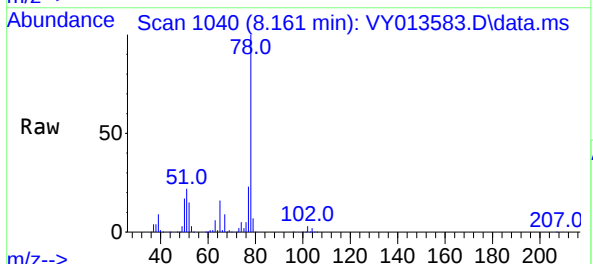


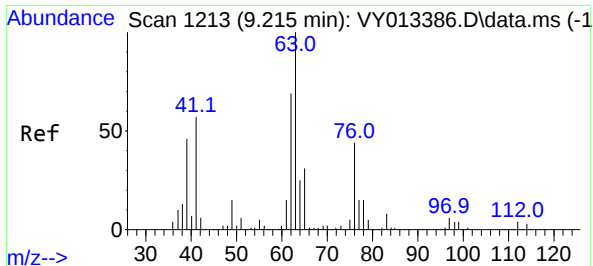
Tgt Ion:117 Resp: 122347
Ion Ratio Lower Upper
117 100
119 95.0 79.0 118.6
121 30.7 26.6 40.0



#40
Benzene
Concen: 26.250 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 78 Resp: 286436
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8





#45

1,2-Dichloropropane

Concen: 32.666 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY013583.D

Acq: 03 May 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

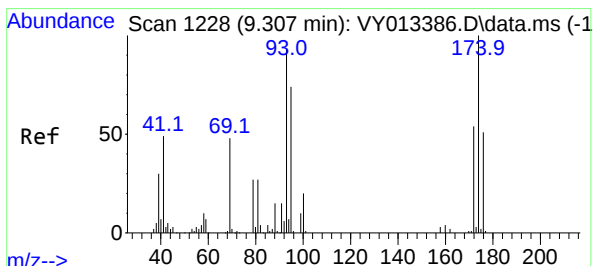
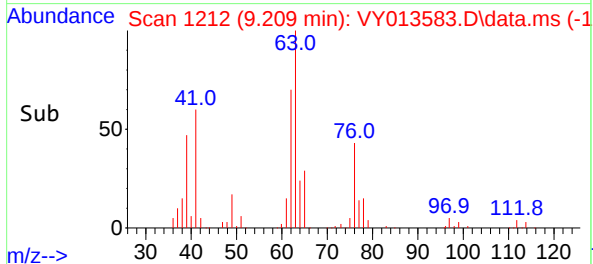
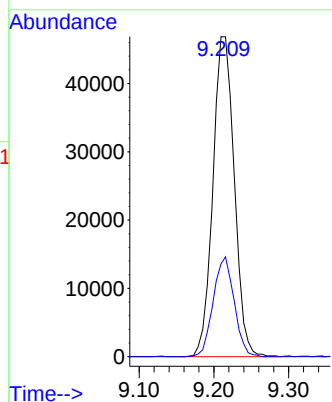
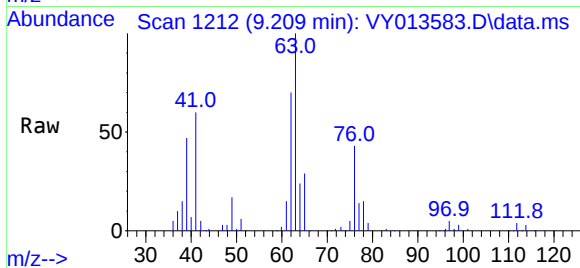
PT-VOA-SOILDL

Tgt Ion: 63 Resp: 93199

Ion Ratio Lower Upper

63 100

65 29.0 24.6 37.0



#46

Dibromomethane

Concen: 3.856 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.183 min

Lab File: VY013583.D

Acq: 03 May 2023 15:46

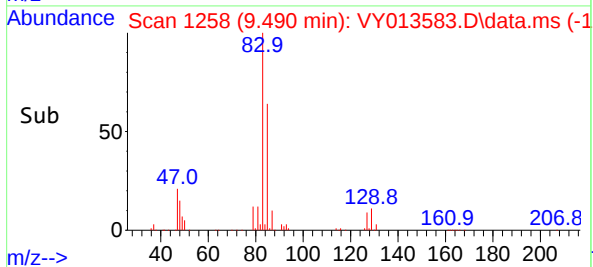
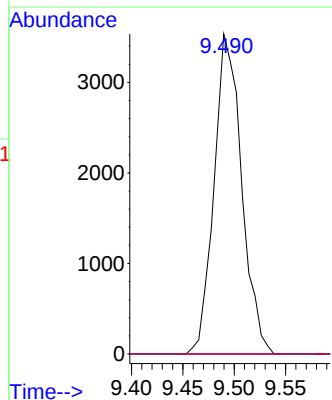
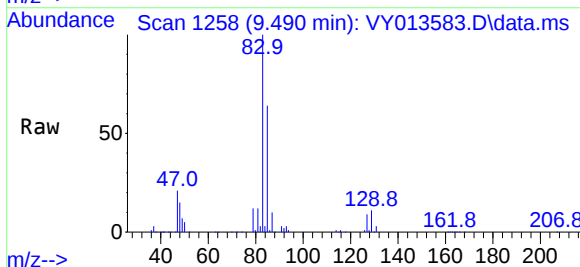
Tgt Ion: 93 Resp: 6583

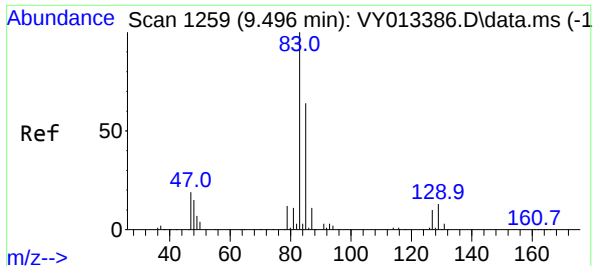
Ion Ratio Lower Upper

93 100

95 0.0 67.1 100.7#

174 0.0 87.0 130.4#

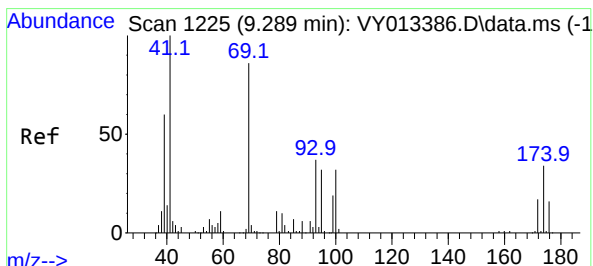
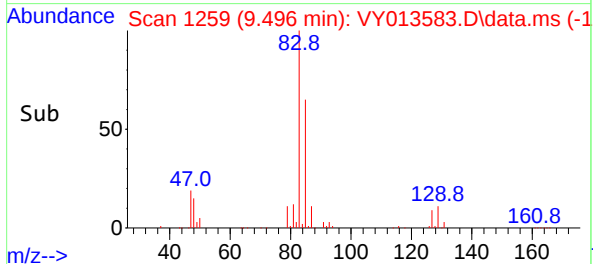
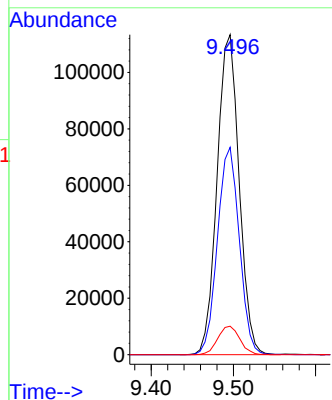
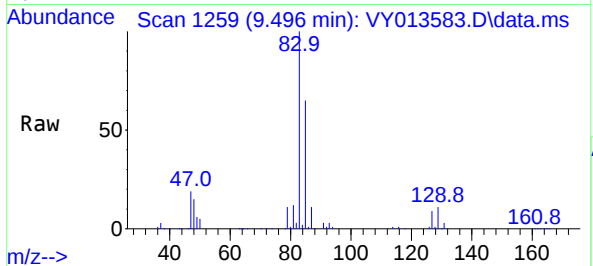




#47
Bromodichloromethane
Concen: 55.336 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

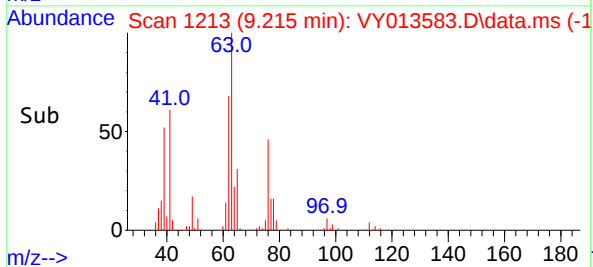
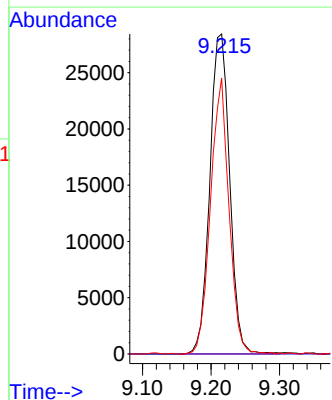
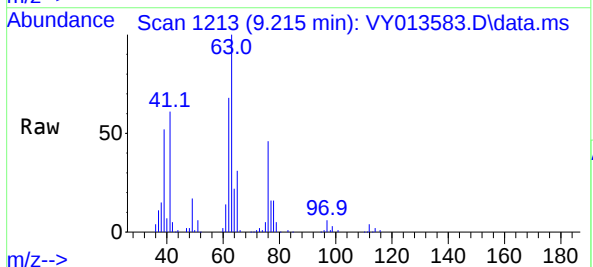
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

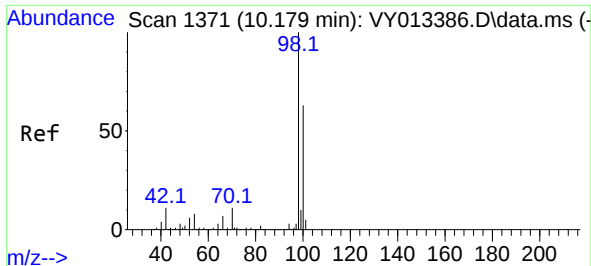
Tgt Ion: 83 Resp: 211375
Ion Ratio Lower Upper
83 100
85 64.8 51.4 77.2
127 8.9 8.1 12.1



#48
Methyl methacrylate
Concen: 25.380 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.074 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 41 Resp: 57352
Ion Ratio Lower Upper
41 100
69 0.0 70.2 105.4#
39 80.1 47.9 71.9#

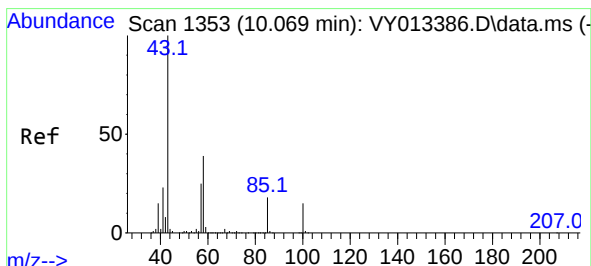
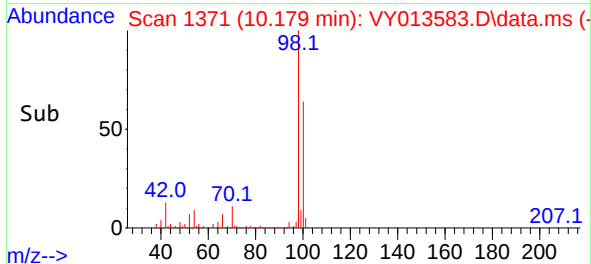
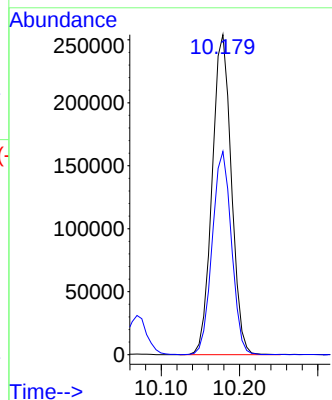
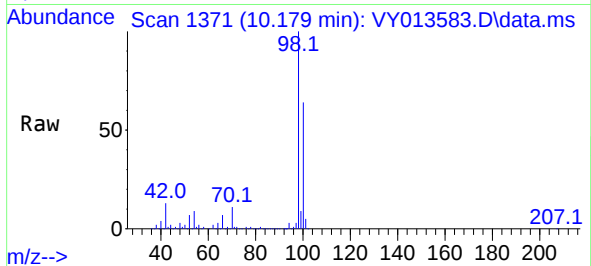




#50
Toluene-d8
Concen: 52.142 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

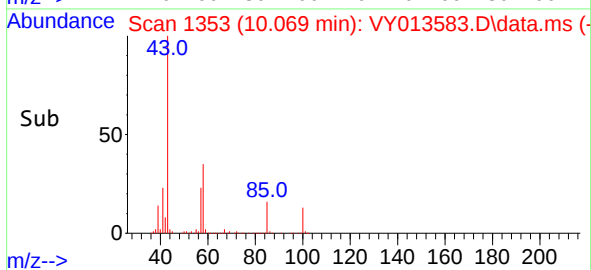
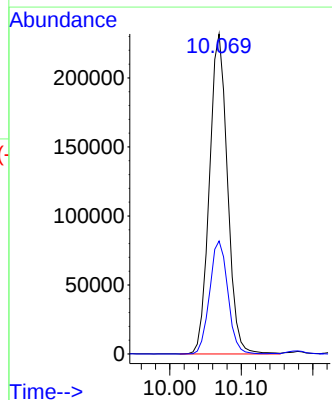
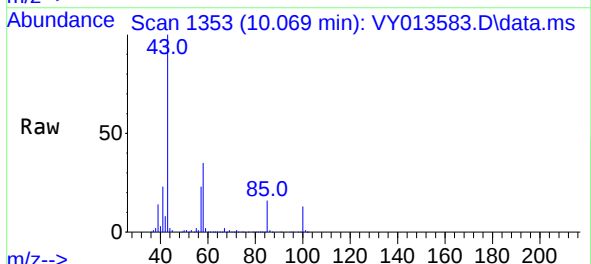
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

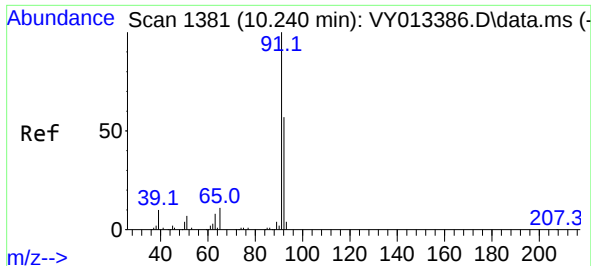
Tgt Ion: 98 Resp: 432952
Ion Ratio Lower Upper
98 100
100 63.6 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 147.997 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 43 Resp: 405788
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0

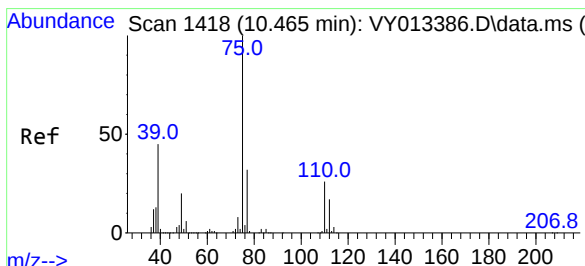
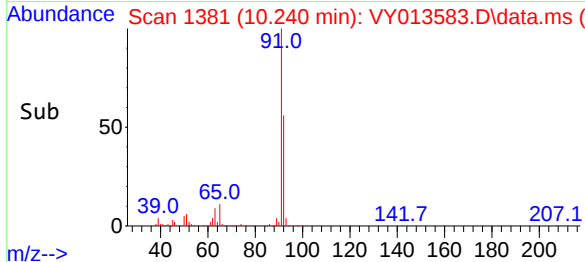
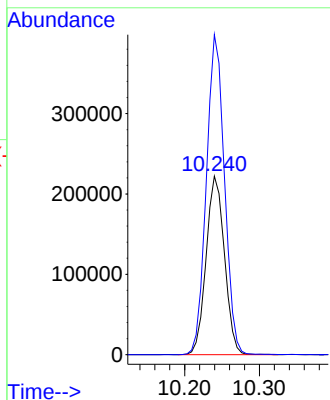
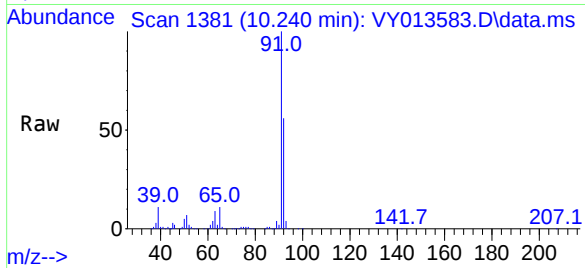




#52
Toluene
Concen: 57.643 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

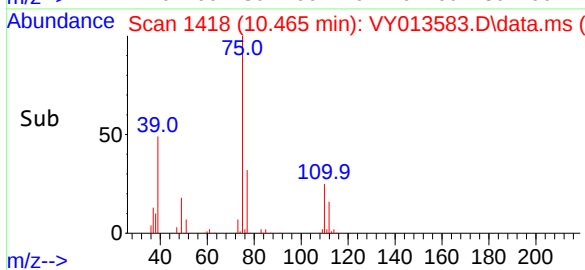
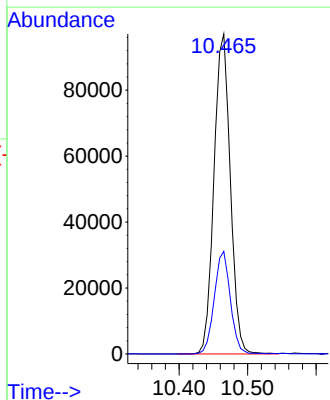
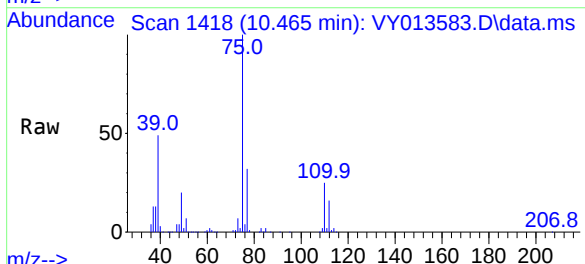
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

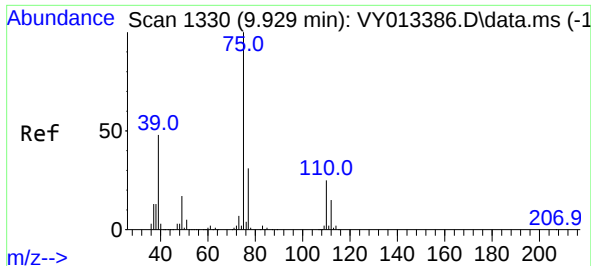
Tgt Ion: 92 Resp: 378508
Ion Ratio Lower Upper
92 100
91 177.3 140.2 210.4



#53
t-1,3-Dichloropropene
Concen: 39.777 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 75 Resp: 160804
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8

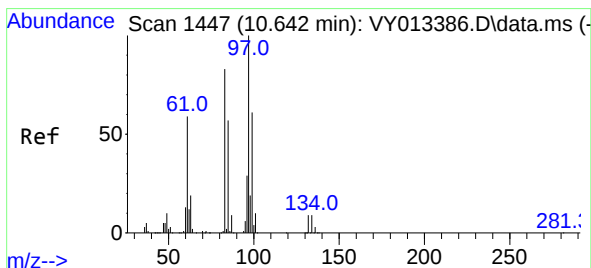
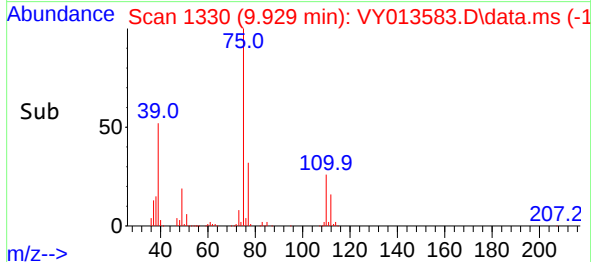
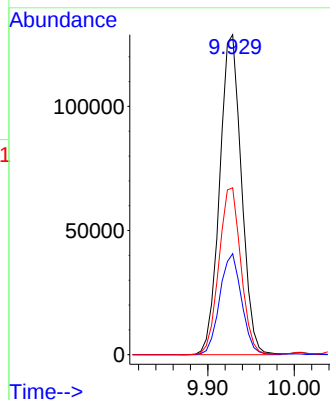
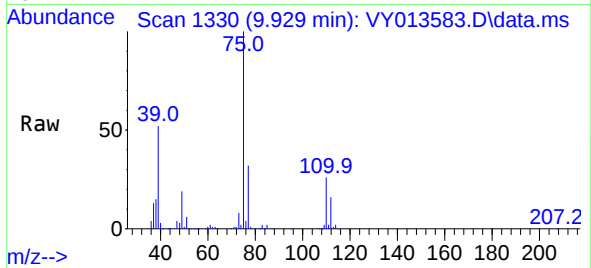




#54
cis-1,3-Dichloropropene
Concen: 49.483 ug/l
RT: 9.929 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

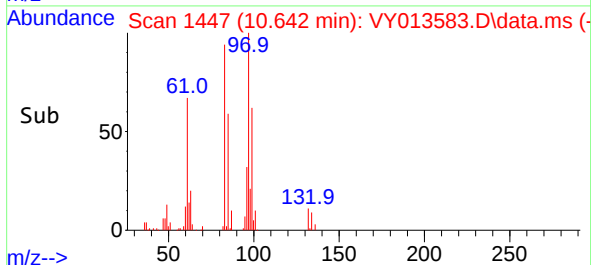
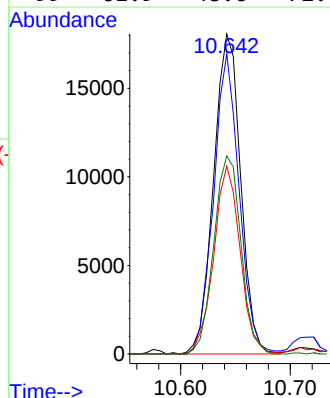
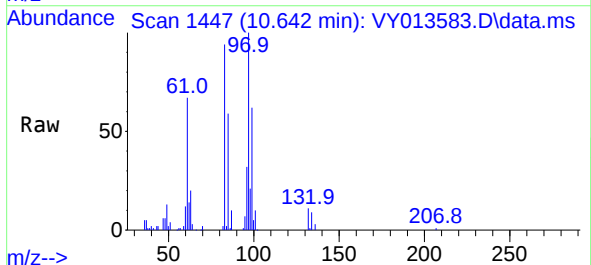
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

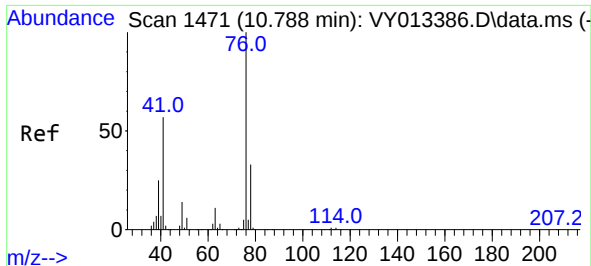
Tgt Ion: 75 Resp: 225098
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 52.2 38.1 57.1



#55
1,1,2-Trichloroethane
Concen: 13.650 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 97 Resp: 30858
Ion Ratio Lower Upper
97 100
83 93.8 66.4 99.6
85 58.7 45.6 68.4
99 61.9 48.6 72.8





#57

1,3-Dichloropropane

Concen: 40.565 ug/l

RT: 10.788 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY013583.D

Acq: 03 May 2023 15:46

Instrument :

MSVOA_Y

ClientSampleId :

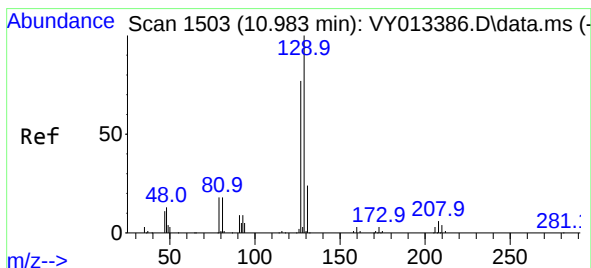
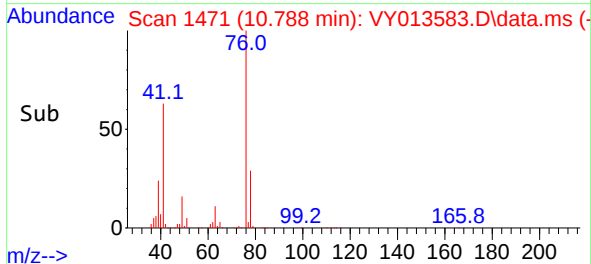
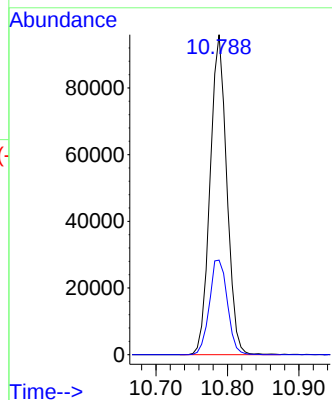
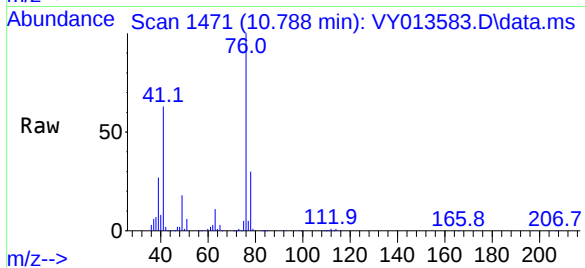
PT-VOA-SOILD

Tgt Ion: 76 Resp: 155311

Ion Ratio Lower Upper

76 100

78 31.9 26.5 39.7



#60

Dibromochloromethane

Concen: 21.462 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.268 min

Lab File: VY013583.D

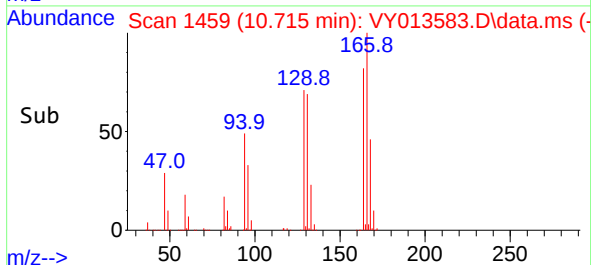
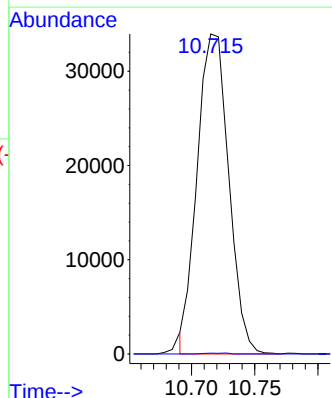
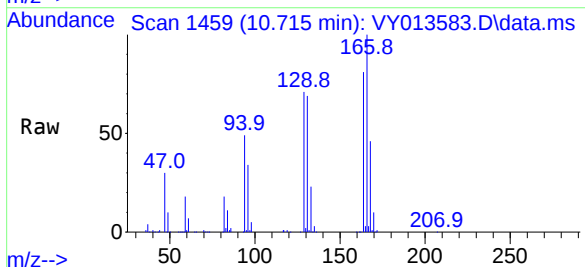
Acq: 03 May 2023 15:46

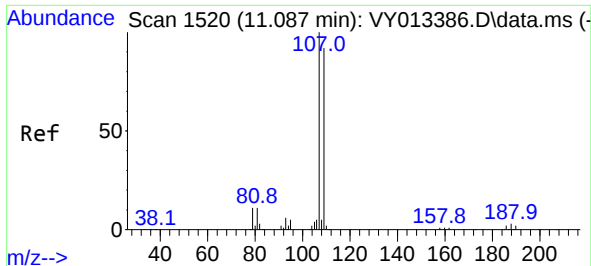
Tgt Ion: 129 Resp: 58914

Ion Ratio Lower Upper

129 100

127 0.2 38.7 116.1#

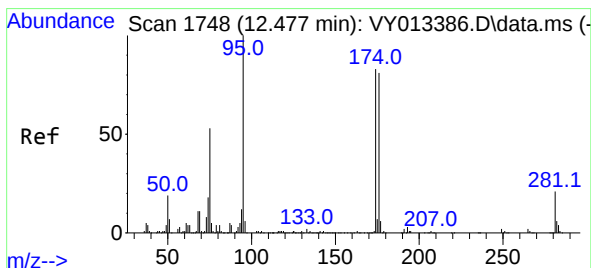
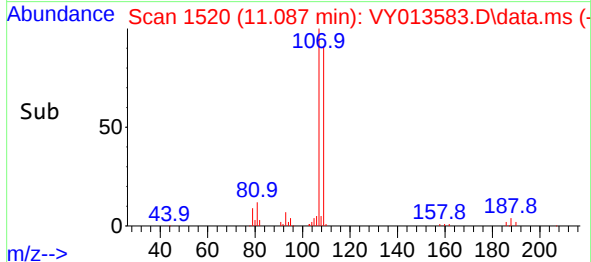
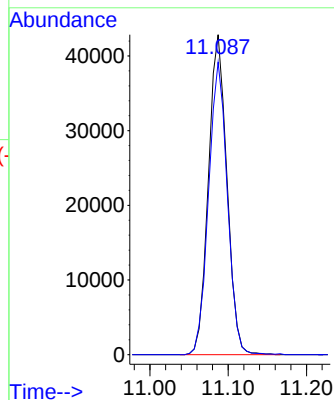
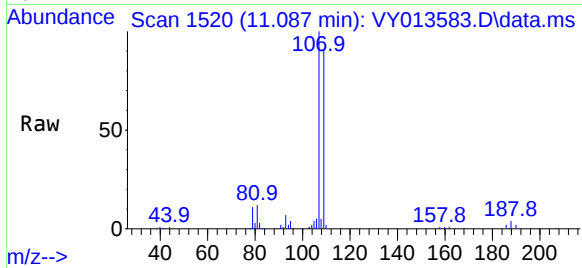




#61
1,2-Dibromoethane
Concen: 31.592 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

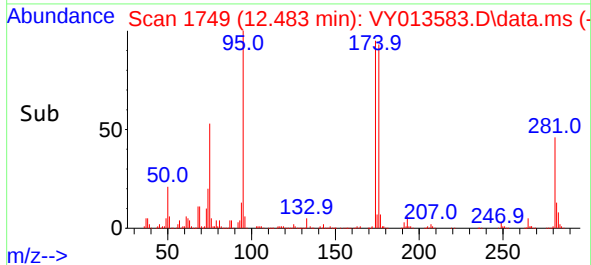
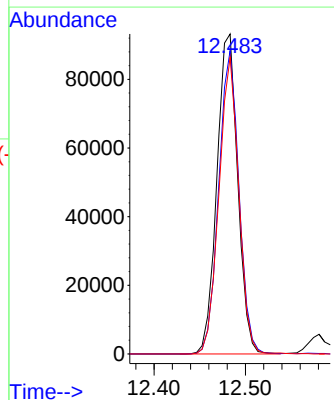
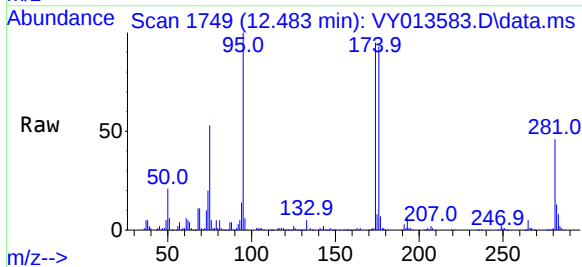
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

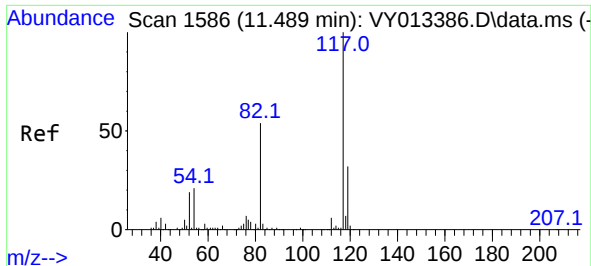
Tgt Ion:107 Resp: 70217
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.709 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 95 Resp: 147546
Ion Ratio Lower Upper
95 100
174 92.0 0.0 182.0
176 88.5 0.0 175.4

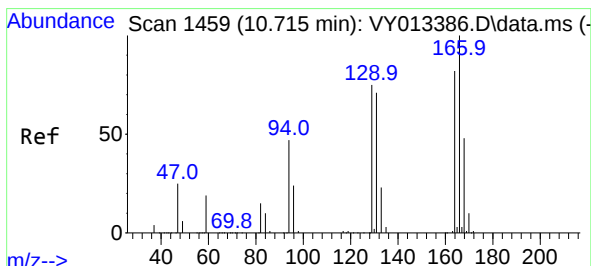
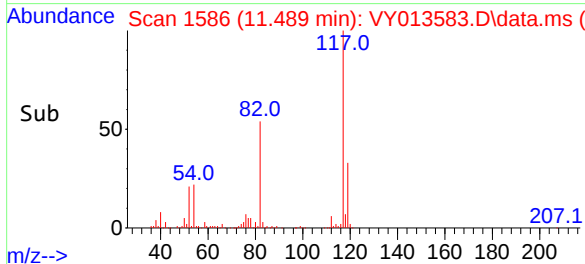
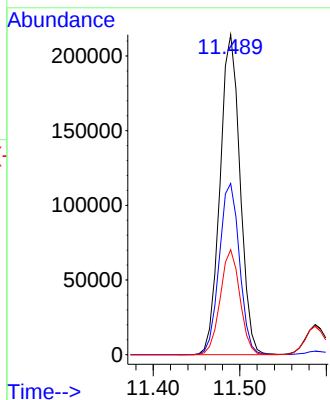
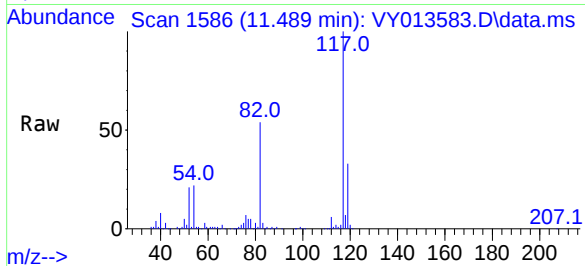




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

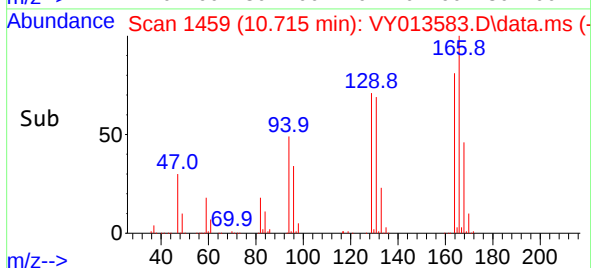
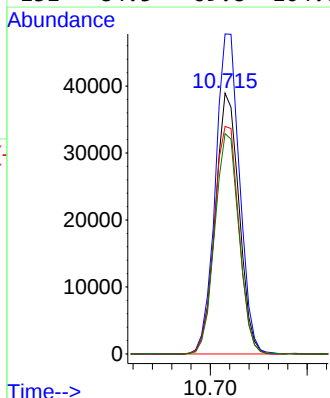
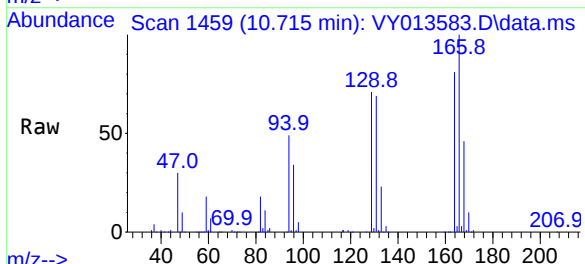
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

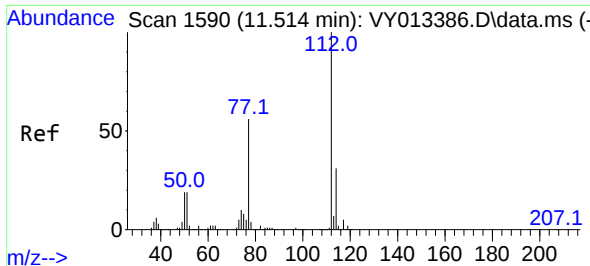
Tgt Ion:117 Resp: 344363
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.6
119 32.8 25.5 38.3



#64
Tetrachloroethene
Concen: 25.322 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion:164 Resp: 66308
Ion Ratio Lower Upper
164 100
166 122.7 97.5 146.3
129 87.2 72.6 109.0
131 84.5 69.8 104.6

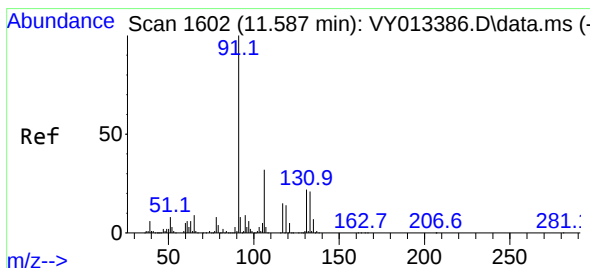
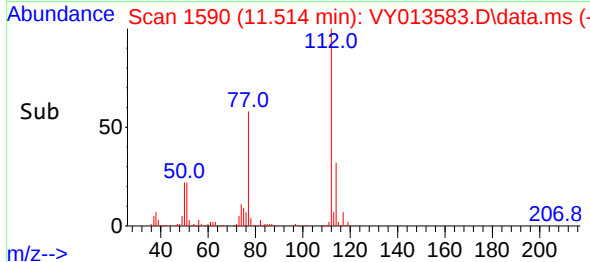
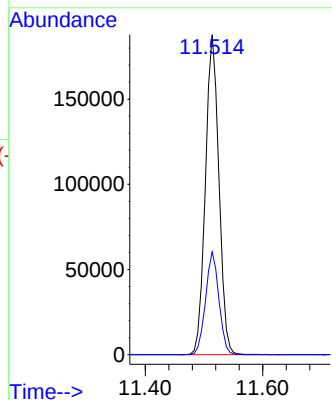
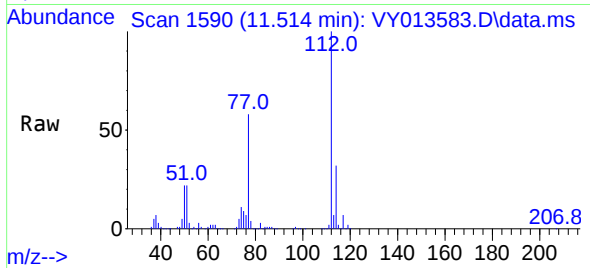




#65
Chlorobenzene
Concen: 39.895 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

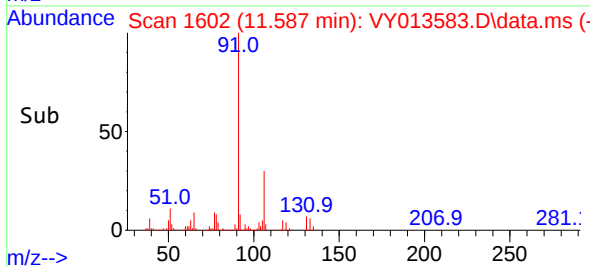
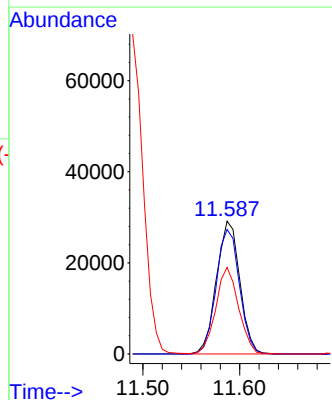
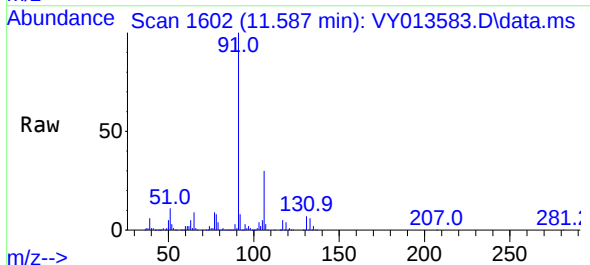
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

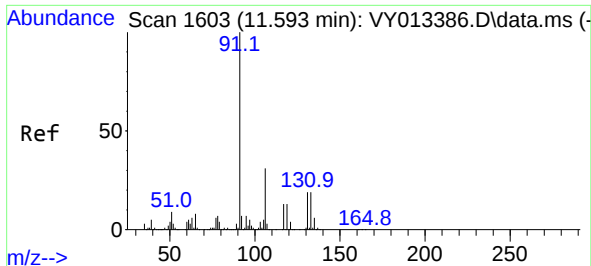
Tgt Ion:112 Resp: 299272
Ion Ratio Lower Upper
112 100
114 32.1 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 17.402 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion:131 Resp: 48823
Ion Ratio Lower Upper
131 100
133 93.5 47.7 143.1
119 63.7 32.6 98.0

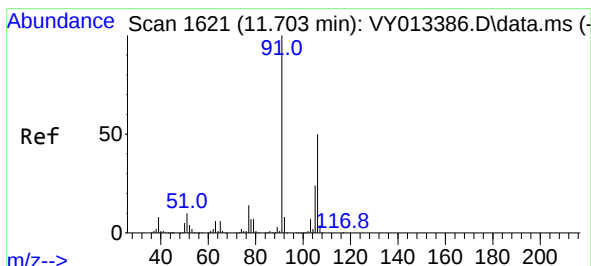
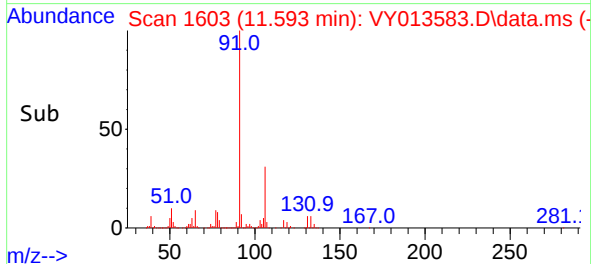
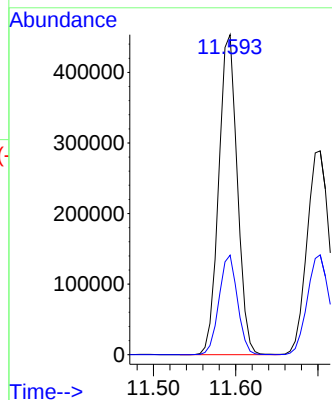
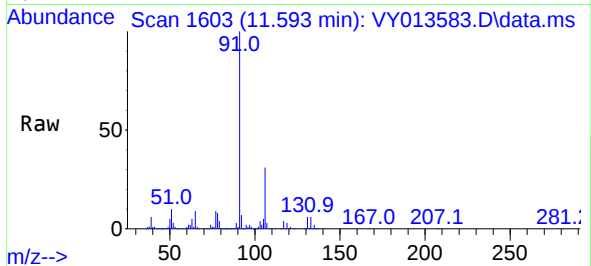




#67
Ethyl Benzene
Concen: 54.033 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

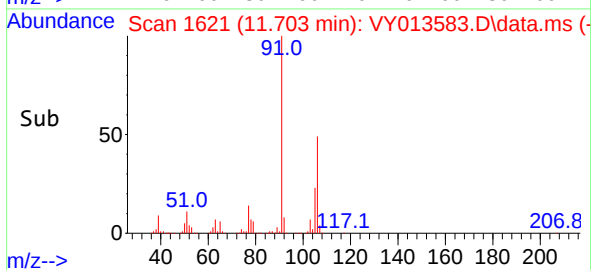
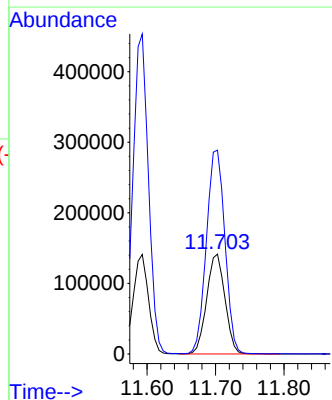
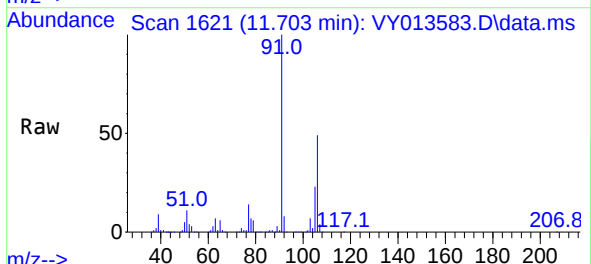
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

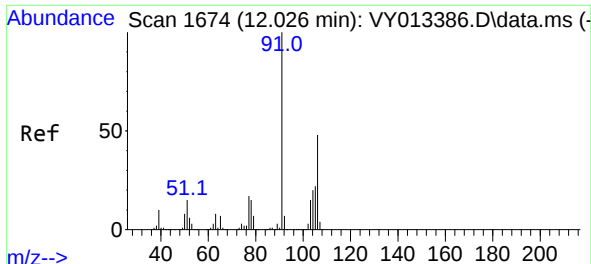
Tgt Ion: 91 Resp: 711760
Ion Ratio Lower Upper
91 100
106 31.1 25.1 37.7



#68
m/p-Xylenes
Concen: 52.220 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 106 Resp: 261498
Ion Ratio Lower Upper
106 100
91 207.2 160.9 241.3

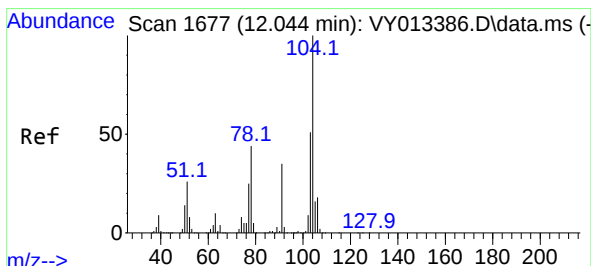
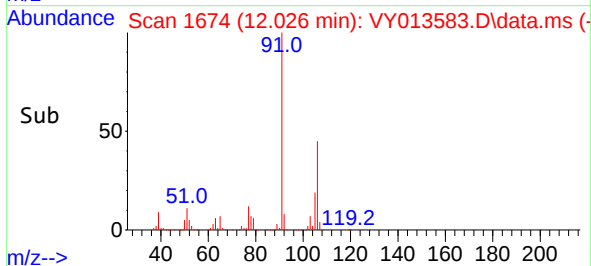
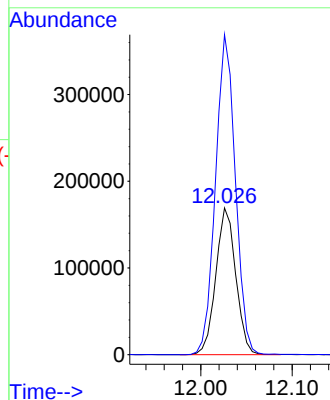
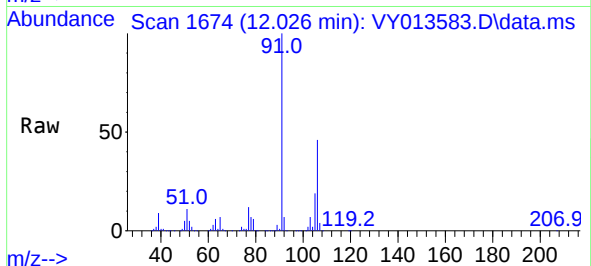




#69
o-Xylene
Concen: 54.121 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

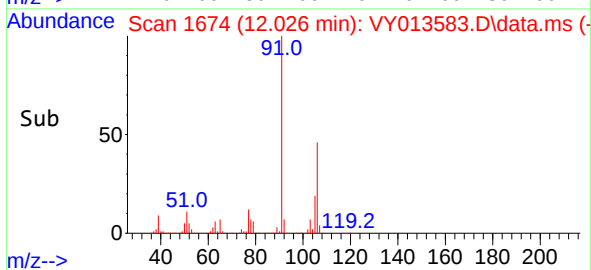
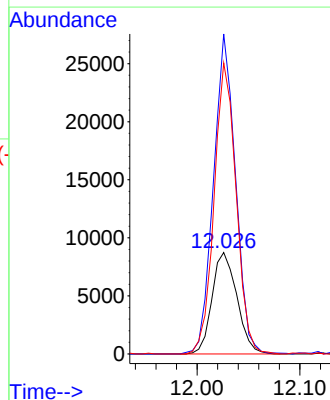
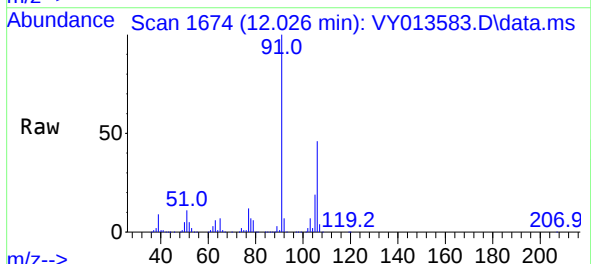
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

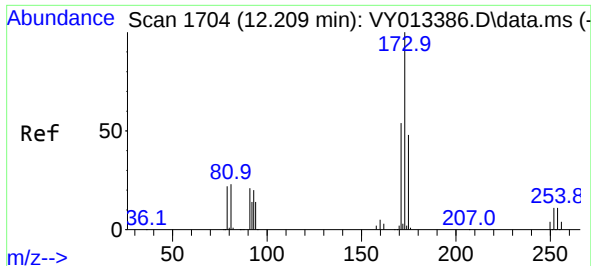
Tgt Ion:106 Resp: 256318
Ion Ratio Lower Upper
106 100
91 217.8 105.5 316.4



#70
Styrene
Concen: 1.850 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.018 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion:104 Resp: 14652
Ion Ratio Lower Upper
104 100
78 279.8 40.3 60.5#
103 254.3 45.0 67.4#

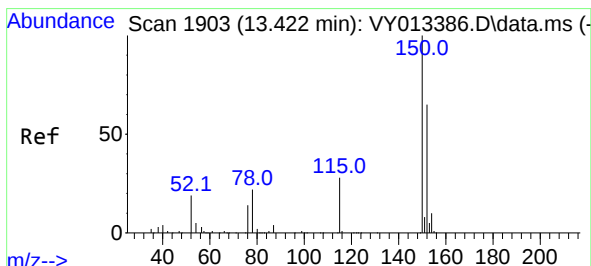
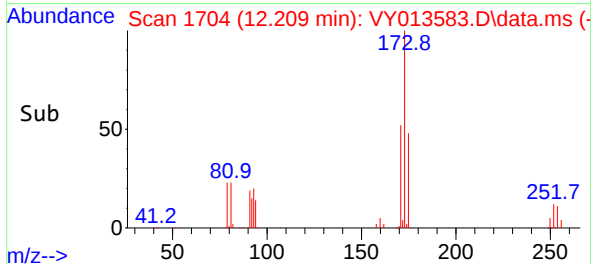
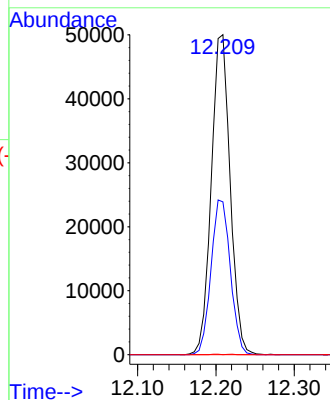
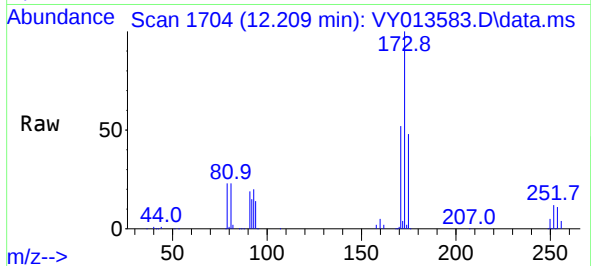




#71
Bromoform
Concen: 42.520 ug/l
RT: 12.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

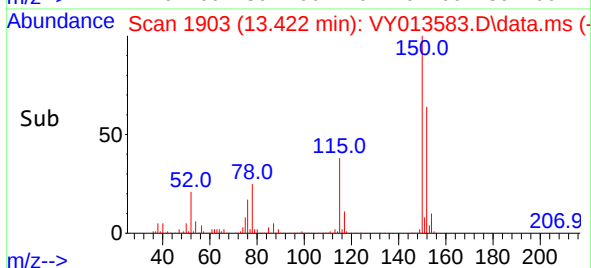
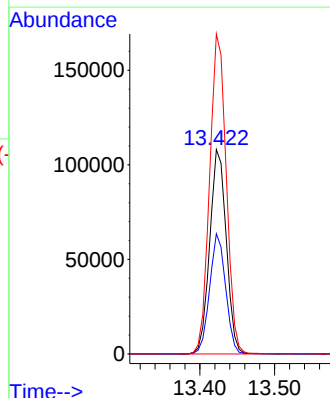
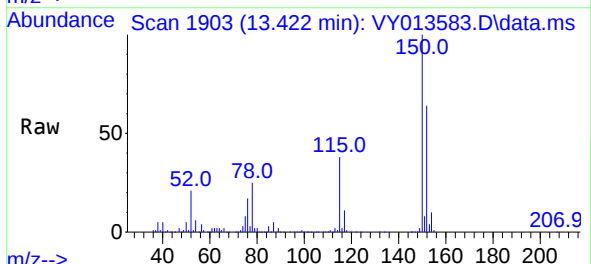
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

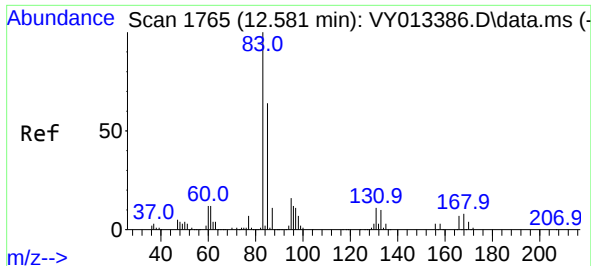
Tgt Ion:173 Resp: 83558
Ion Ratio Lower Upper
173 100
175 49.5 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion:152 Resp: 166328
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 157.5 0.0 352.0

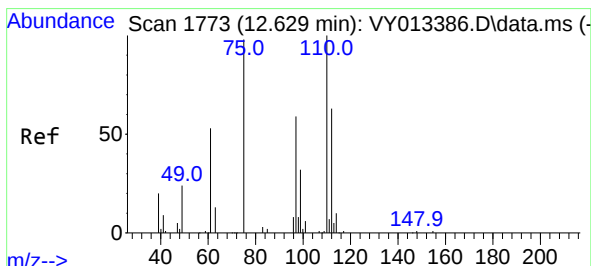
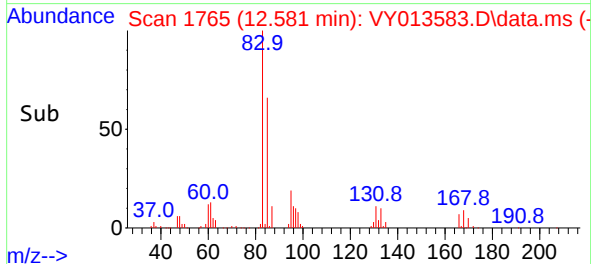
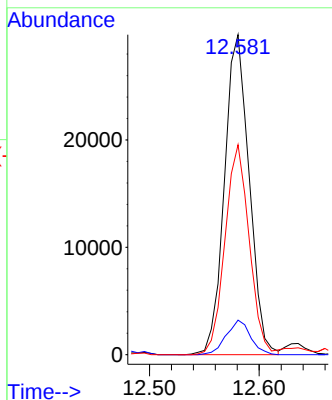
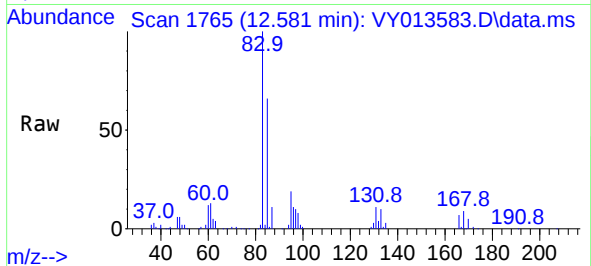




#75
1,1,2,2-Tetrachloroethane
Concen: 15.173 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

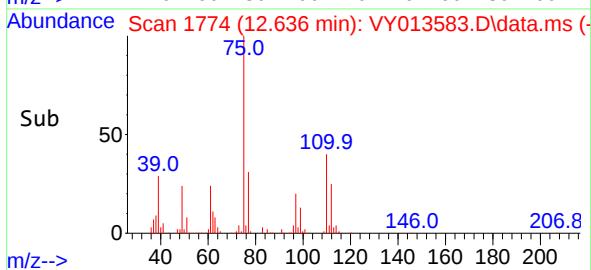
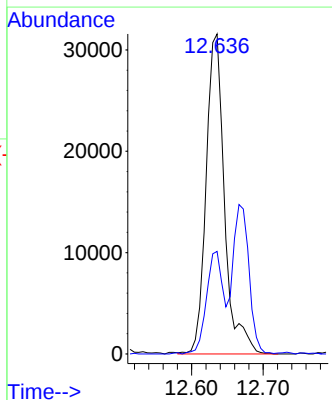
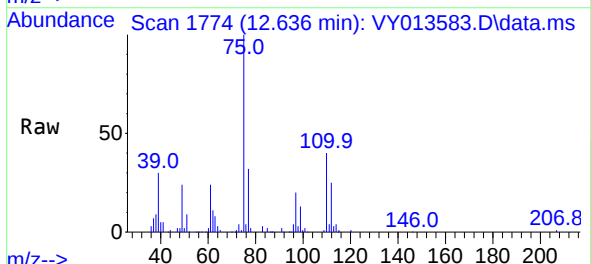
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

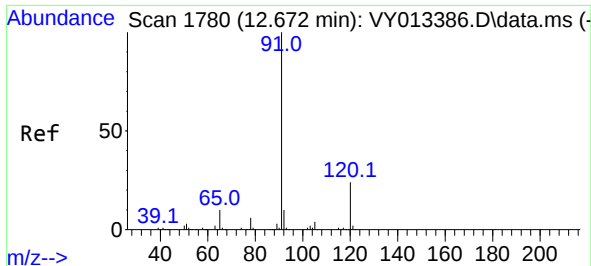
Tgt Ion: 83 Resp: 46657
Ion Ratio Lower Upper
83 100
131 10.6 5.7 17.0
85 64.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 25.199 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.007 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 75 Resp: 56525
Ion Ratio Lower Upper
75 100
77 29.1 0.0 0.0#

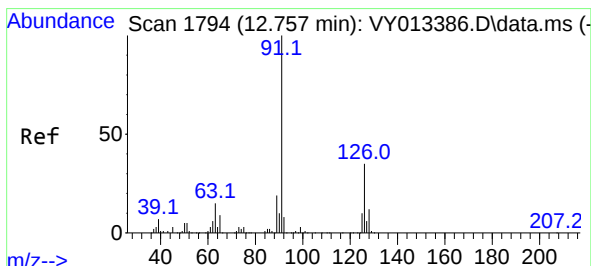
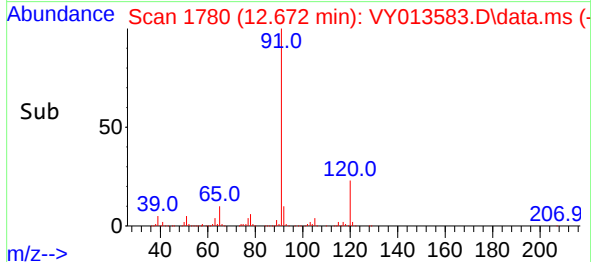
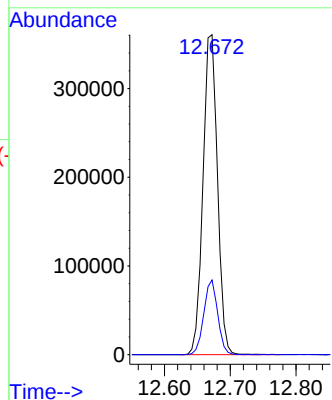
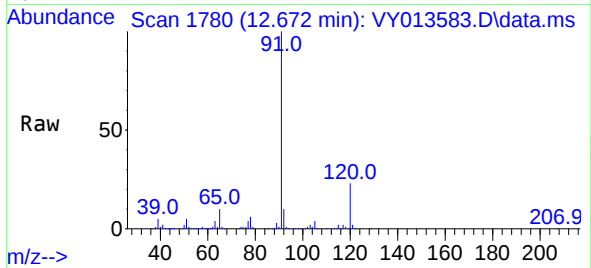




#78
n-propylbenzene
Concen: 35.596 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

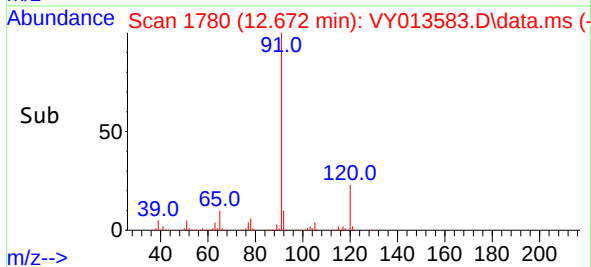
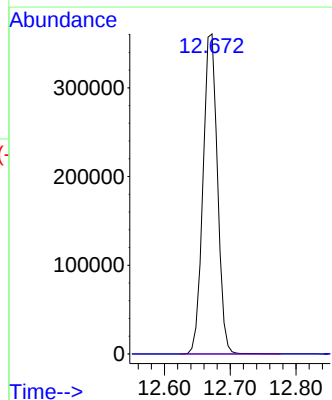
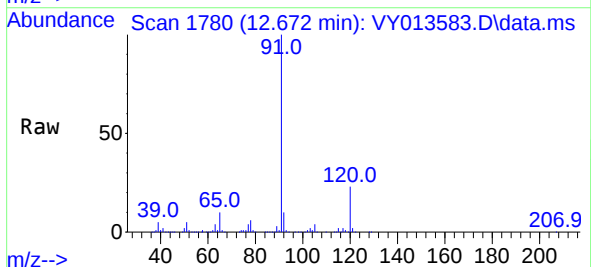
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

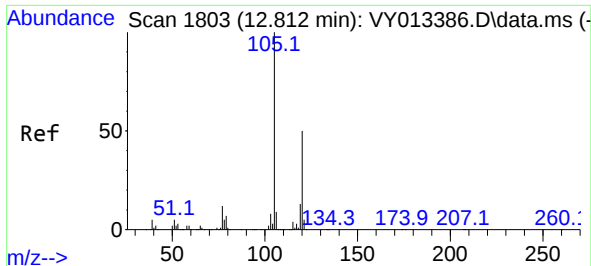
Tgt Ion: 91 Resp: 551591
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9



#79
2-Chlorotoluene
Concen: 63.744 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.085 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 91 Resp: 551591
Ion Ratio Lower Upper
91 100
126 0.0 17.8 53.4#

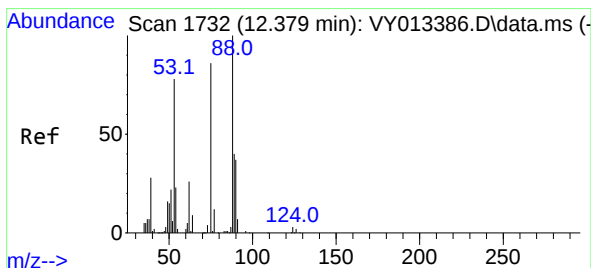
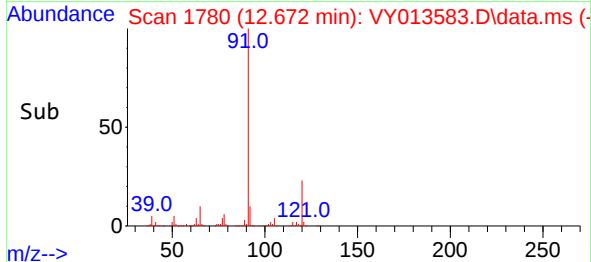
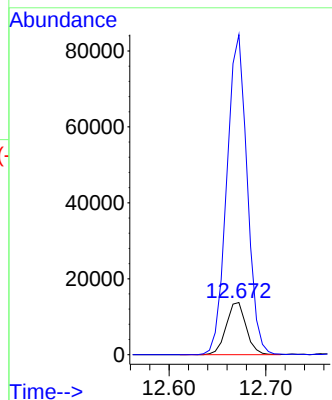
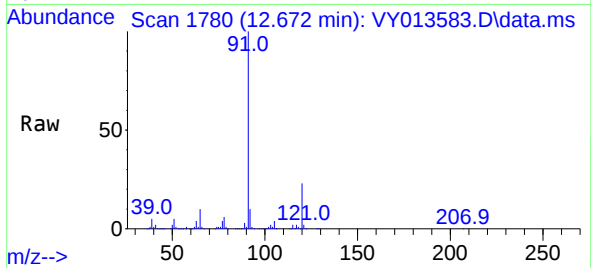




#80
1,3,5-Trimethylbenzene
Concen: 1.918 ug/l
RT: 12.672 min Scan# 11
Delta R.T. -0.140 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

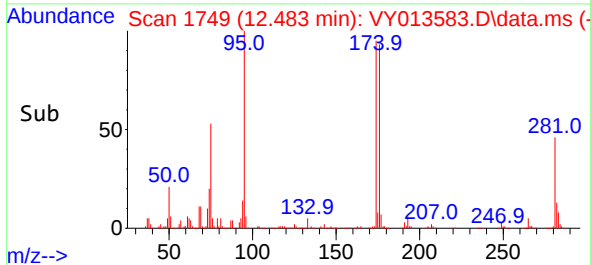
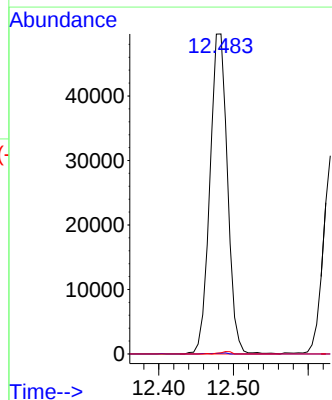
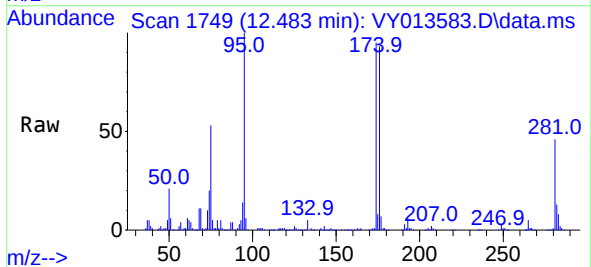
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

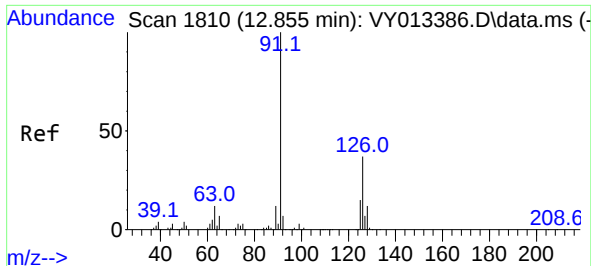
Tgt Ion:105 Resp: 19692
Ion Ratio Lower Upper
105 100
120 627.3 24.7 74.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.849 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 75 Resp: 80982
Ion Ratio Lower Upper
75 100
53 0.3 73.2 109.8#
89 0.5 38.0 57.0#

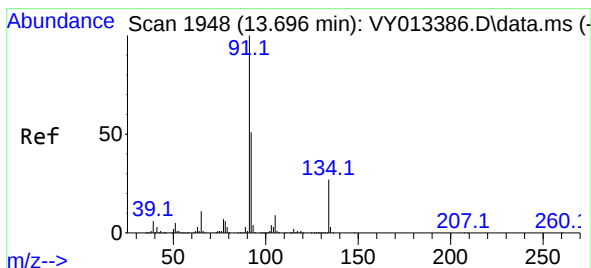
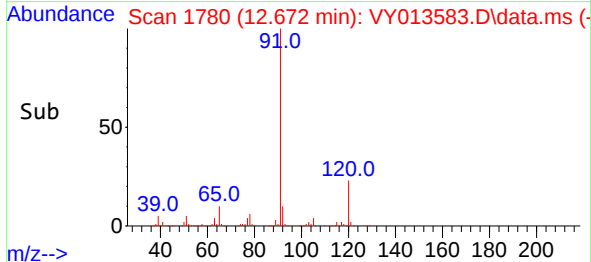
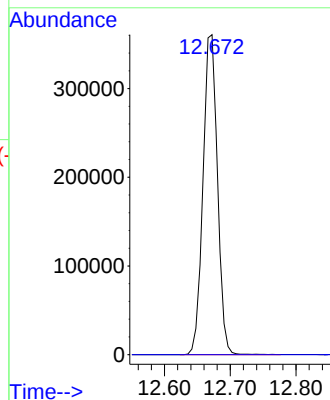
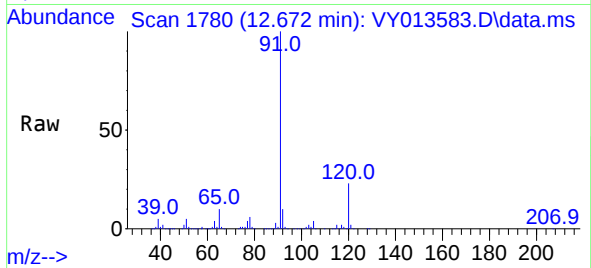




#82
4-Chlorotoluene
Concen: 61.158 ug/l
RT: 12.672 min Scan# 11
Delta R.T. -0.183 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

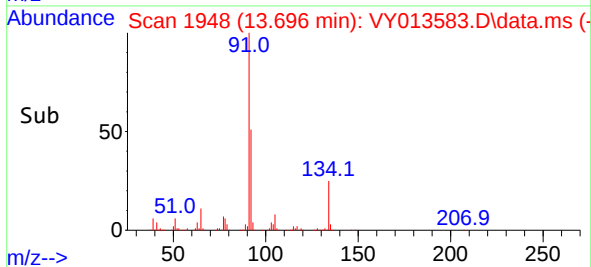
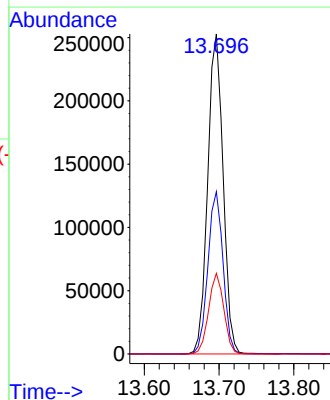
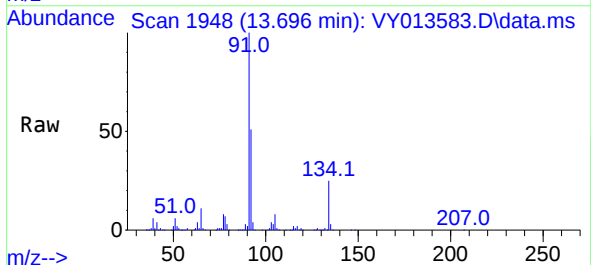
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

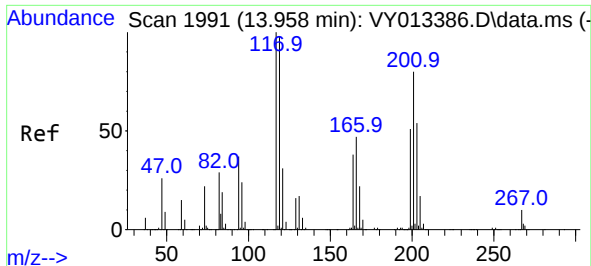
Tgt Ion: 91 Resp: 551591
Ion Ratio Lower Upper
91 100
126 0.0 17.9 53.8#



#89
n-Butylbenzene
Concen: 34.584 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion: 91 Resp: 362407
Ion Ratio Lower Upper
91 100
92 49.9 25.8 77.3
134 24.8 13.5 40.4

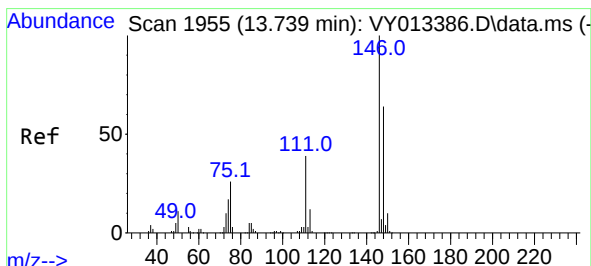
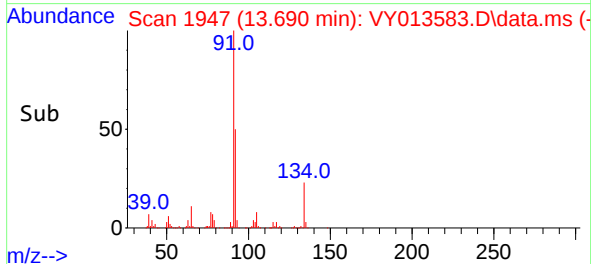
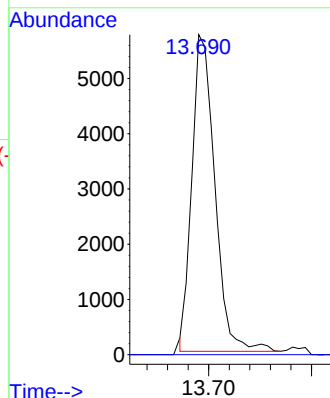
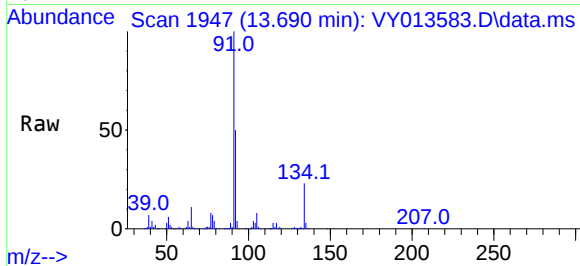




#90
Hexachloroethane
Concen: 3.935 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.268 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

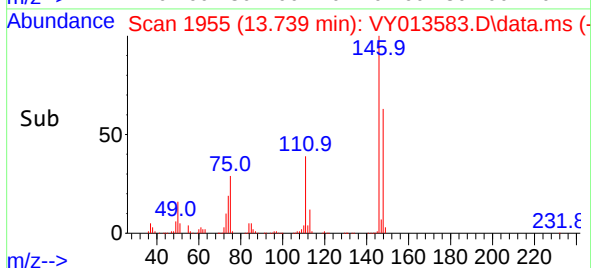
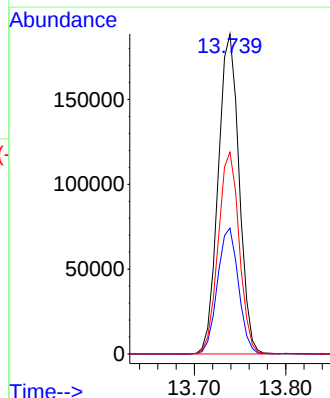
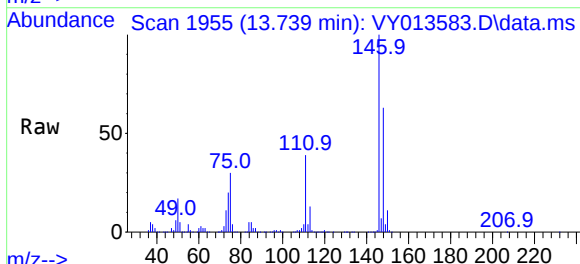
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

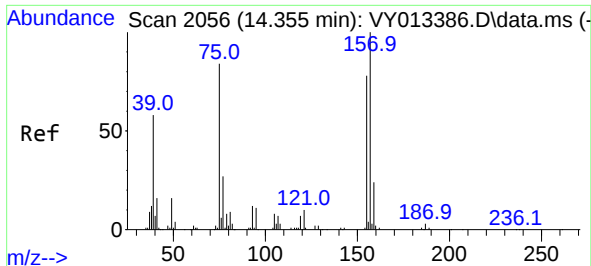
Tgt Ion:117 Resp: 8893
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#91
1,2-Dichlorobenzene
Concen: 57.252 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013583.D
Acq: 03 May 2023 15:46

Tgt Ion:146 Resp: 300249
Ion Ratio Lower Upper
146 100
111 39.6 19.8 59.4
148 63.3 31.8 95.4

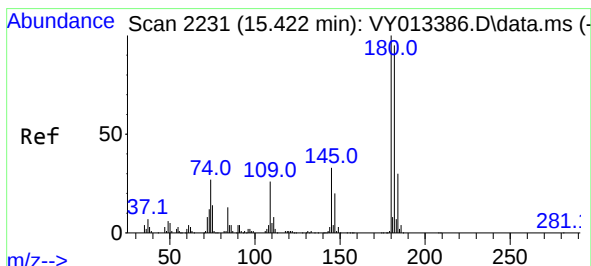
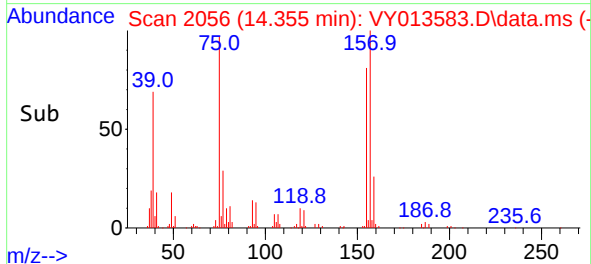
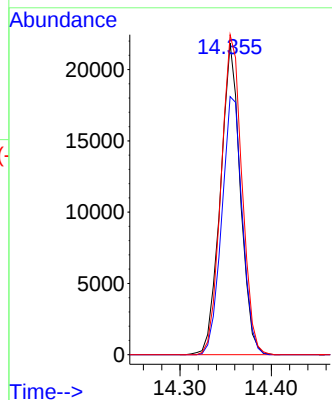
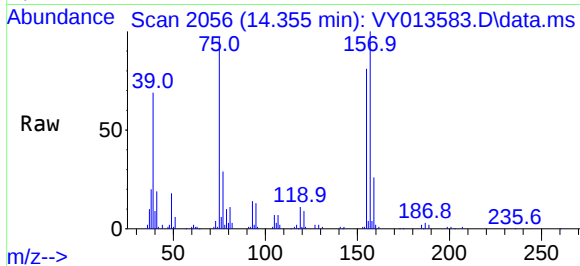




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.919 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY013583.D
 Acq: 03 May 2023 15:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

Tgt Ion: 75 Resp: 33084
 Ion Ratio Lower Upper
 75 100
 155 85.4 44.6 134.0
 157 107.2 57.6 172.7



#96
 1,2,3-Trichlorobenzene
 Concen: 47.452 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: VY013583.D
 Acq: 03 May 2023 15:46

Tgt Ion:180 Resp: 132239
 Ion Ratio Lower Upper
 180 100
 182 96.7 47.1 141.3
 145 30.7 15.9 47.7

