

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110823\
 Data File : VY016266.D
 Acq On : 08 Nov 2023 16:30
 Operator : SY/MD
 Sample : 05047-23DL 4X
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PT-VOA-SOILDL

Quant Time: Nov 09 12:18:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	174934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	281235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	242646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	113151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	78565	49.139	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.280%		
35) Dibromofluoromethane	7.728	113	82569	51.683	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.360%		
50) Toluene-d8	10.185	98	332733	51.359	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.720%		
62) 4-Bromofluorobenzene	12.489	95	106949	50.828	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.660%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.881	96	20178	11.414	ug/l	89
16) Acetone	3.960	43	24562	92.874	ug/l	92
19) Methyl tert-butyl Ether	5.234	73	193981	45.338	ug/l	100
20) Methylene Chloride	4.722	84	81707	43.265	ug/l	88
21) trans-1,2-Dichloroethene	5.234	96	66012	32.432	ug/l	92
24) 1,1-Dichloroethane	6.027	63	126294	37.866	ug/l	96
25) 2-Butanone	6.996	43	41742	90.112	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	51717	23.577	ug/l	81
30) Chloroform	7.514	83	52668	15.171	ug/l	96
31) Cyclohexane	7.795	56	3404	1.081	ug/l #	1
32) 1,1,1-Trichloroethane	7.709	97	32245	10.133	ug/l	98
44) Trichloroethene	8.947	130	41490	18.523	ug/l	99
45) 1,2-Dichloropropane	9.221	63	21077	11.260	ug/l	99
51) 4-Methyl-2-Pentanone	10.081	43	47896	43.717	ug/l	91
52) Toluene	10.252	92	156868	31.840	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	22317	8.828	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	92846	30.750	ug/l #	89
59) 2-Hexanone	10.843	43	22548	27.668	ug/l	95
61) 1,2-Dibromoethane	11.093	107	14850	11.149	ug/l	100
64) Tetrachloroethene	10.727	164	11631	5.338	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.599	131	89709	46.916	ug/l	98
67) Ethyl Benzene	11.605	91	404382	43.403	ug/l	99
68) m/p-Xylenes	11.709	106	116665	33.014	ug/l	96
69) o-Xylene	12.038	106	114715	34.964	ug/l	97
70) Styrene	12.050	104	264937	56.393	ug/l	94
71) Bromoform	12.215	173	40893	41.216	ug/l #	99
73) Isopropylbenzene	12.337	105	353534	38.584	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	24067	16.369	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	195494	26.875	ug/l	98
88) 1,4-Dichlorobenzene	13.452	146	153522	39.428	ug/l	99
89) n-Butylbenzene	13.702	91	175368	23.723	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	98298	28.792	ug/l	99
93) 1,2,4-Trichlorobenzene	15.013	180	33005	16.562	ug/l	98
96) 1,2,3-Trichlorobenzene	15.434	180	74821	45.394	ug/l	97

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QLast Update : Thu Nov 09 00:45:52 2023
Response via : Initial Calibration

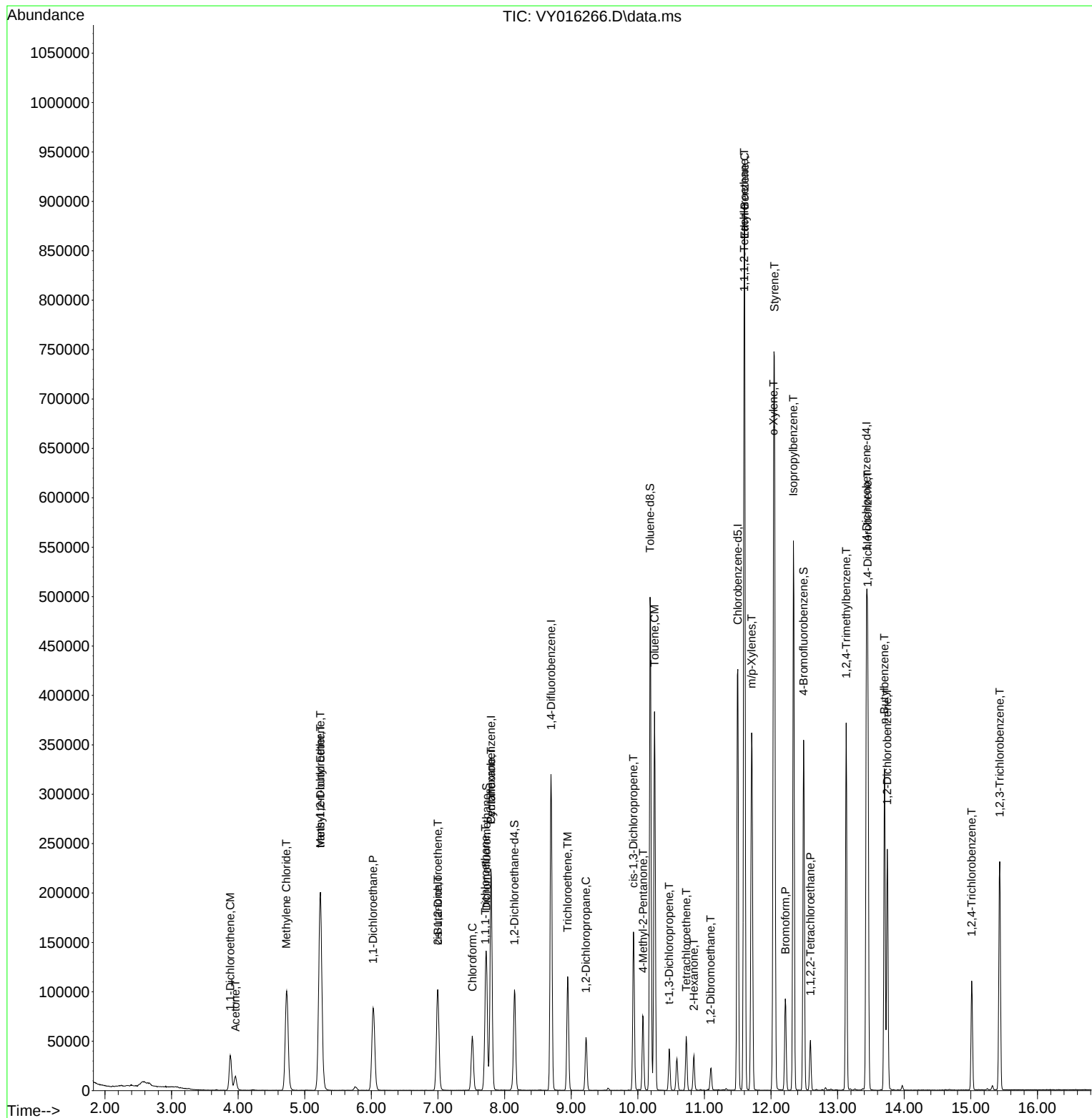
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

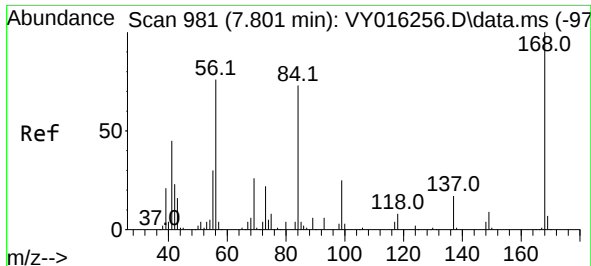
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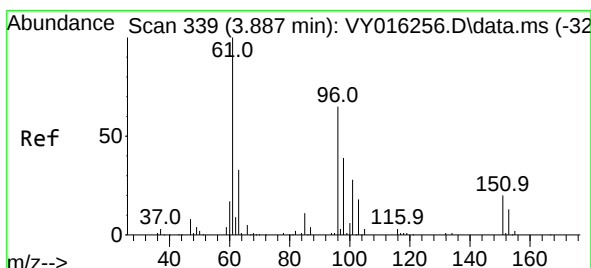
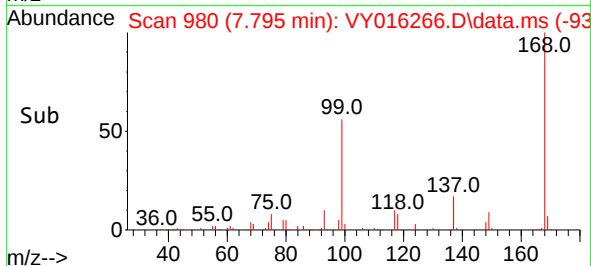
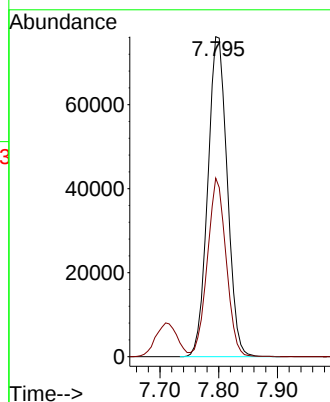
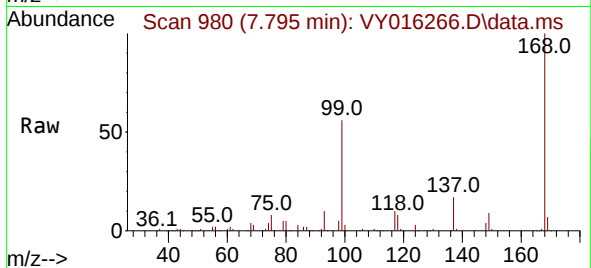




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

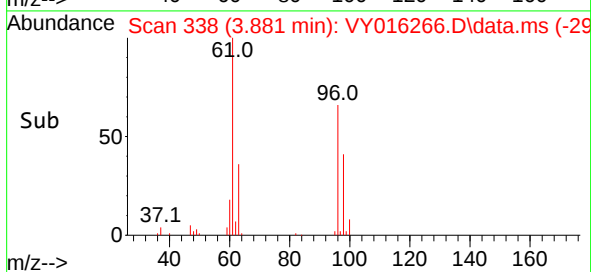
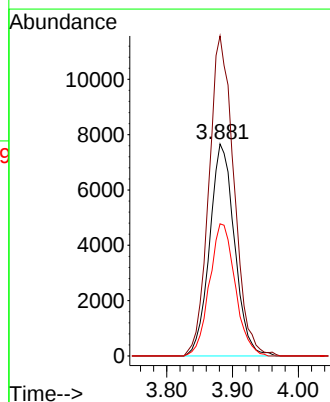
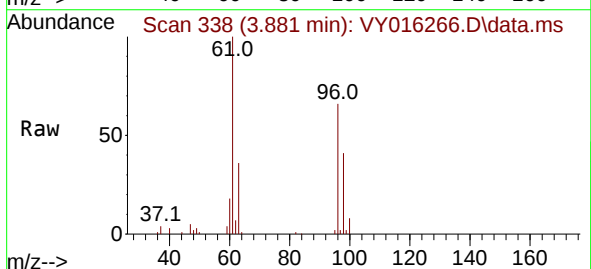
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

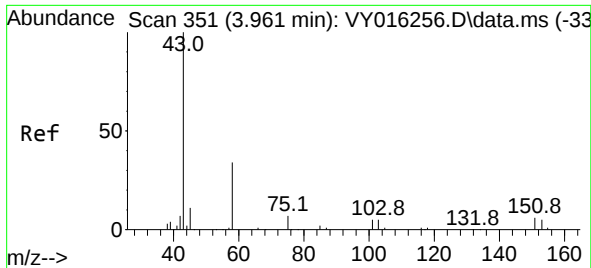
Tgt Ion:168 Resp: 174934
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#12
1,1-Dichloroethene
Concen: 11.414 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 96 Resp: 20178
Ion Ratio Lower Upper
96 100
61 150.9 136.4 204.6
98 62.3 49.4 74.2

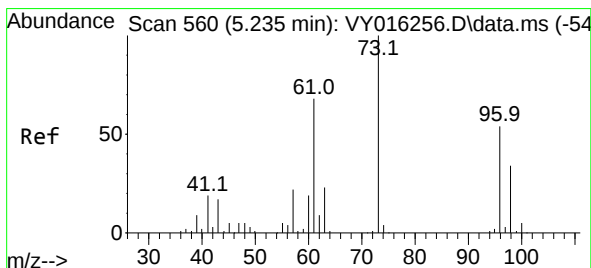
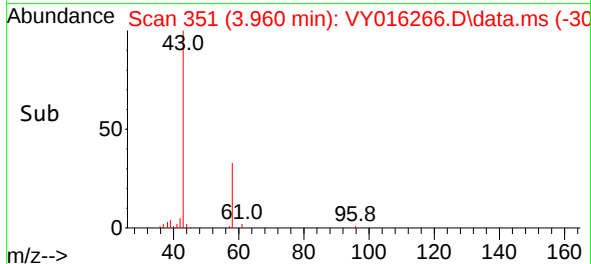
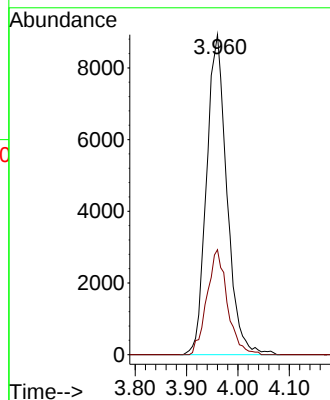
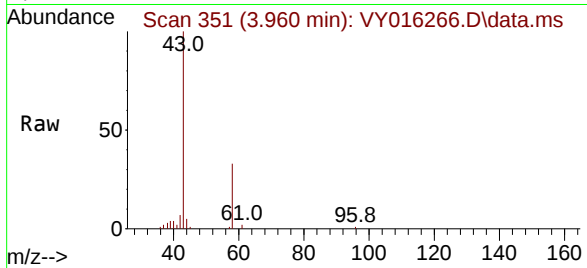




#16
Acetone
Concen: 92.874 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

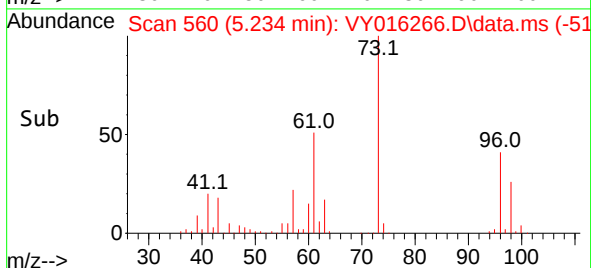
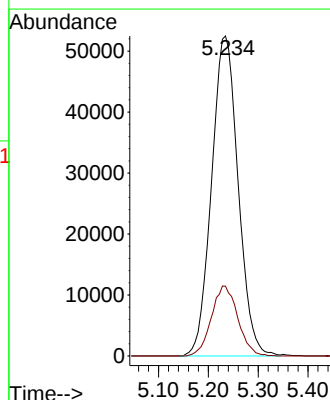
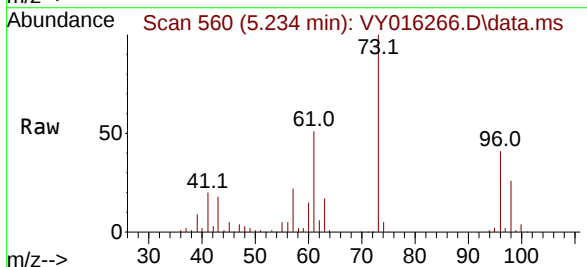
Instrument :
MSVOA_Y
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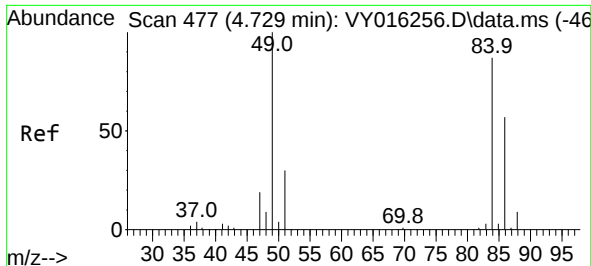
Tgt Ion: 43 Resp: 24562
Ion Ratio Lower Upper
43 100
58 32.8 22.7 34.1



#19
Methyl tert-butyl Ether
Concen: 45.338 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 73 Resp: 193981
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9

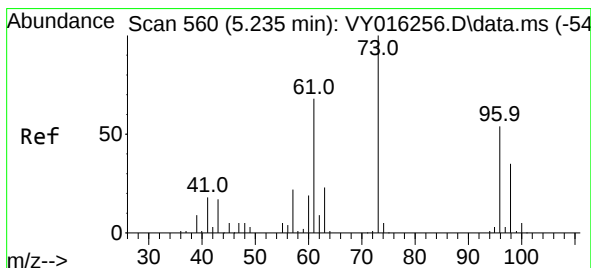
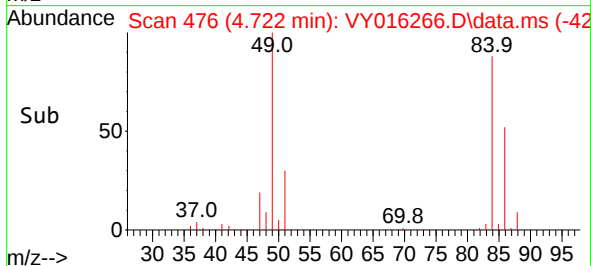
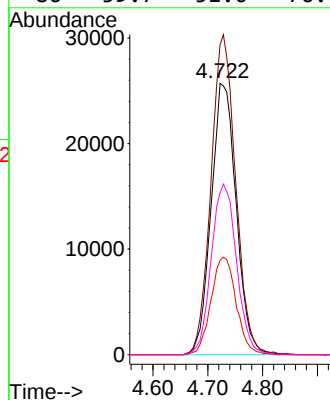
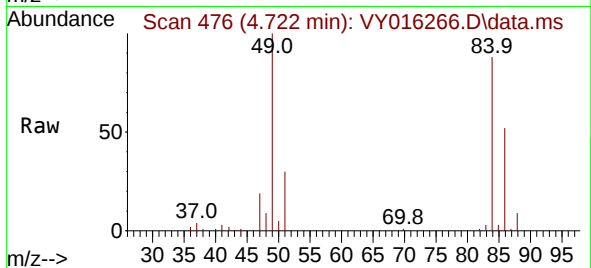




#20
Methylene Chloride
Concen: 43.265 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

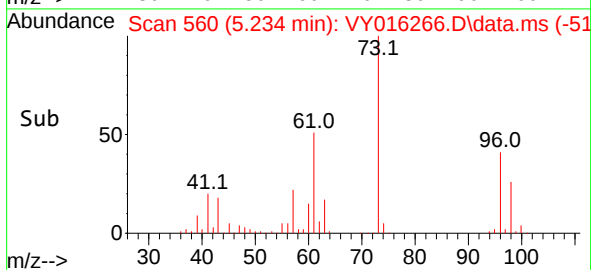
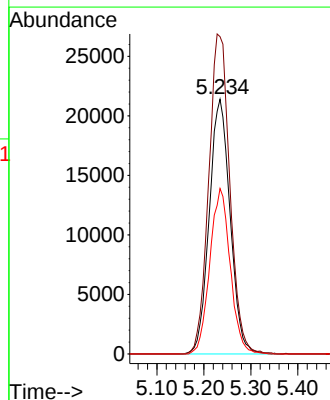
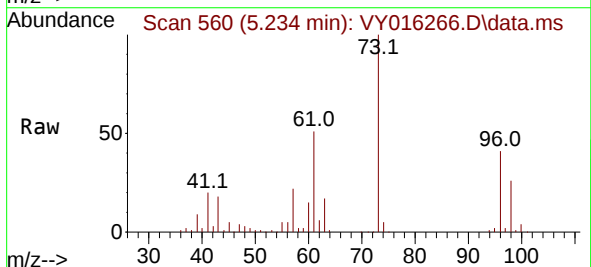
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

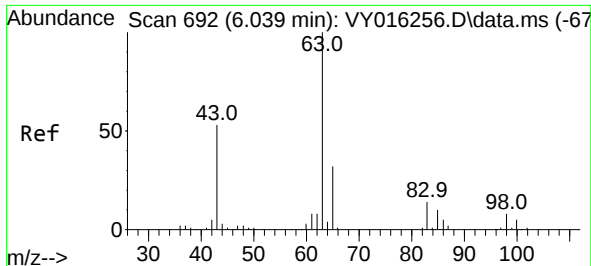
Tgt Ion:	84	Resp:	81707
Ion	Ratio	Lower	Upper
84	100		
49	114.2	106.9	160.3
51	34.7	33.2	49.8
86	59.7	51.0	76.6



#21
trans-1,2-Dichloroethene
Concen: 32.432 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion:	96	Resp:	66012
Ion	Ratio	Lower	Upper
96	100		
61	124.6	110.2	165.4
98	65.0	51.8	77.6

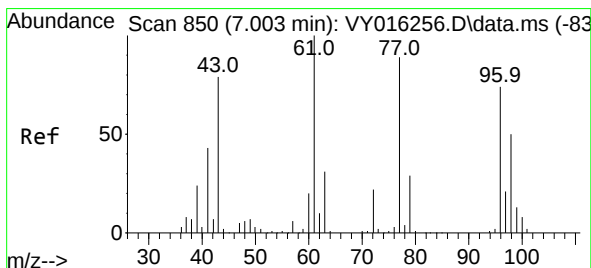
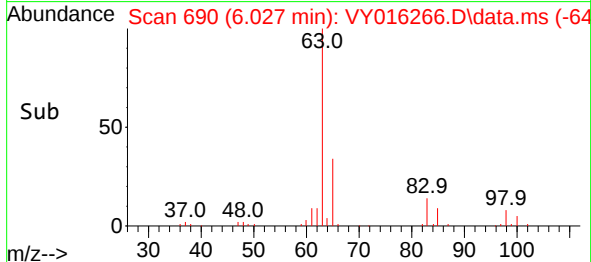
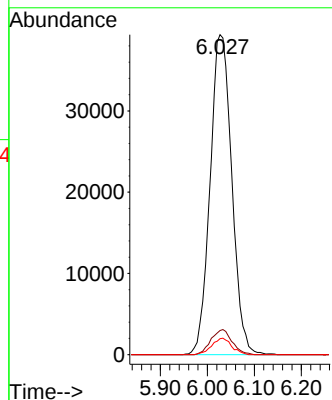
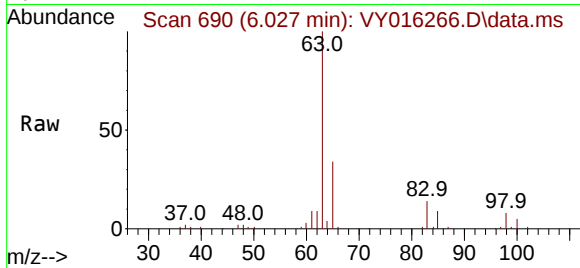




#24
1,1-Dichloroethane
Concen: 37.866 ug/l
RT: 6.027 min Scan# 64
Delta R.T. -0.013 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

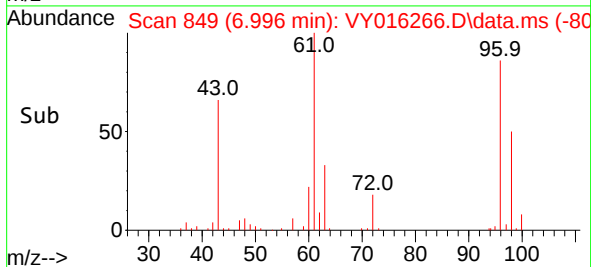
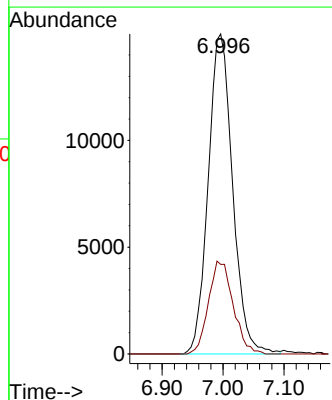
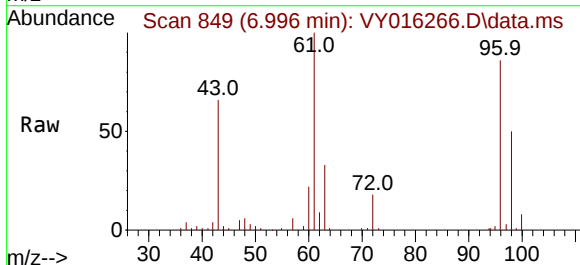
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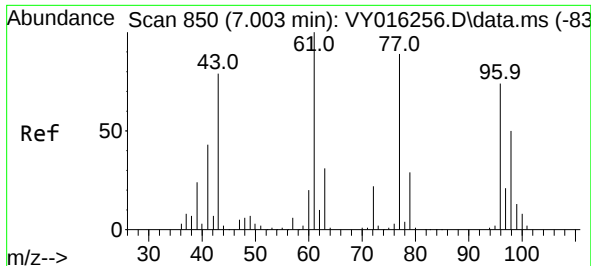
Tgt Ion: 63 Resp: 126294
Ion Ratio Lower Upper
63 100
98 7.5 3.1 9.4
100 5.0 1.8 5.5



#25
2-Butanone
Concen: 90.112 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 43 Resp: 41742
Ion Ratio Lower Upper
43 100
72 28.0 20.5 30.7

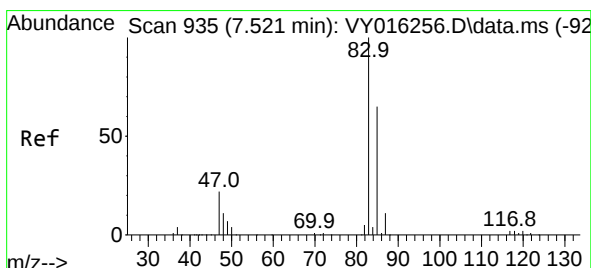
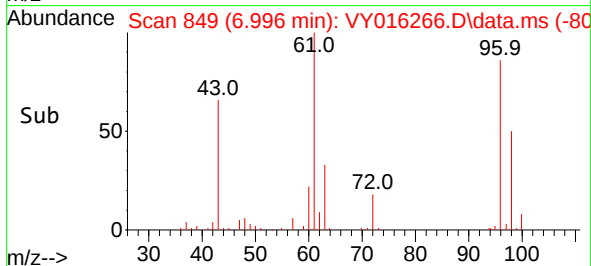
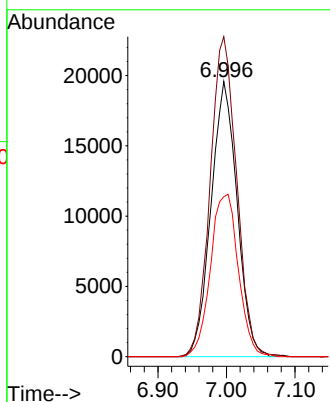
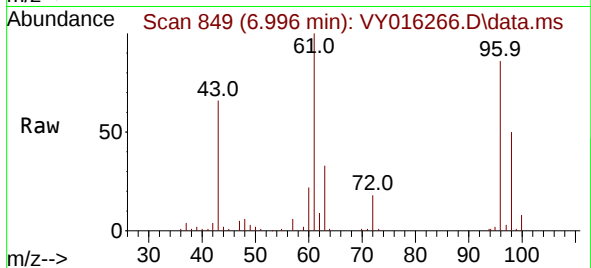




#27
 cis-1,2-Dichloroethene
 Concen: 23.577 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.006 min
 Lab File: VY016266.D
 Acq: 08 Nov 2023 16:30

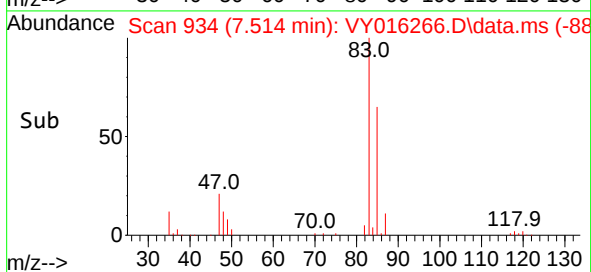
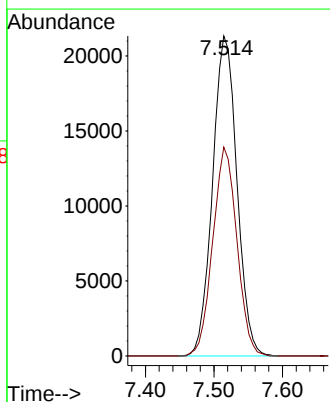
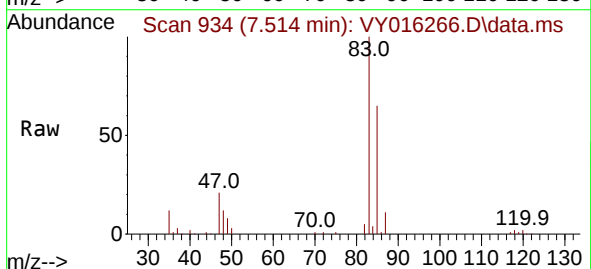
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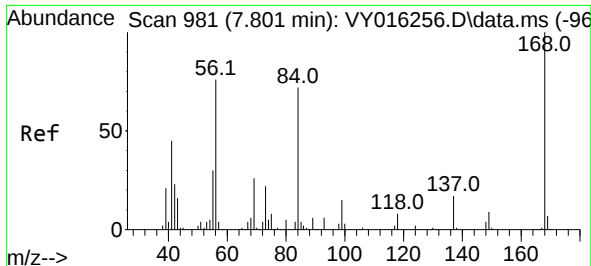
Tgt Ion: 96 Resp: 51717
 Ion Ratio Lower Upper
 96 100
 61 118.1 0.0 301.4
 98 63.1 0.0 130.4



#30
 Chloroform
 Concen: 15.171 ug/l
 RT: 7.514 min Scan# 934
 Delta R.T. -0.006 min
 Lab File: VY016266.D
 Acq: 08 Nov 2023 16:30

Tgt Ion: 83 Resp: 52668
 Ion Ratio Lower Upper
 83 100
 85 65.2 49.7 74.5

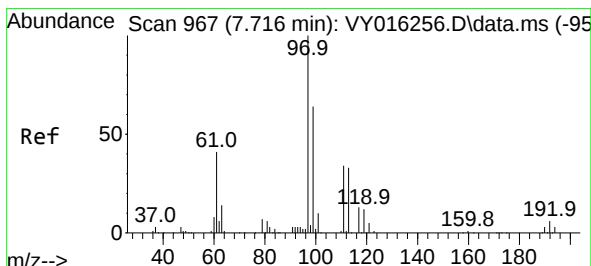
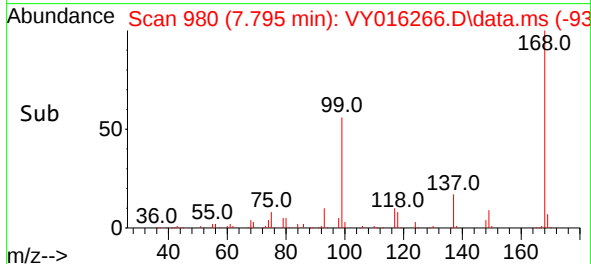
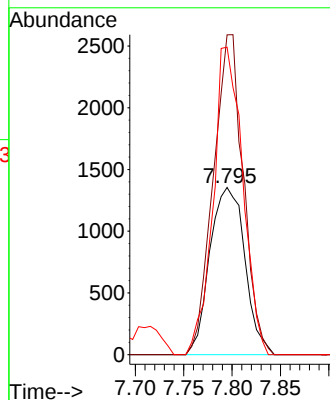
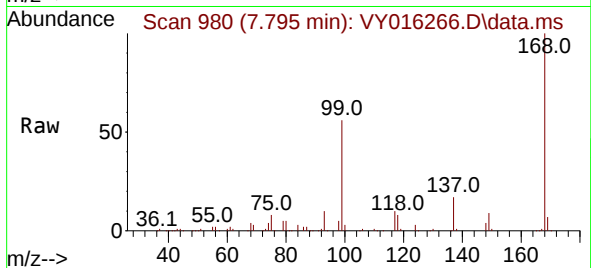




#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

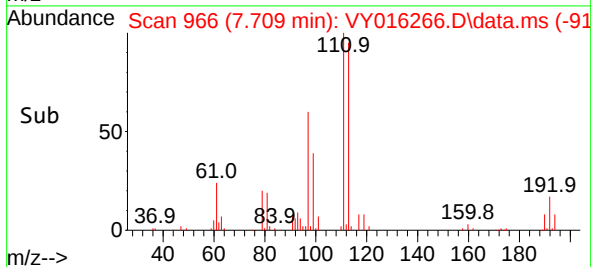
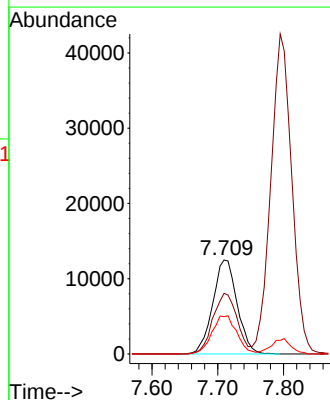
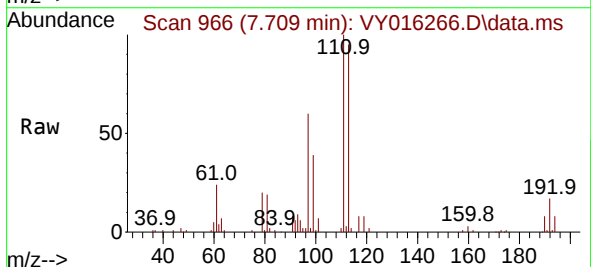
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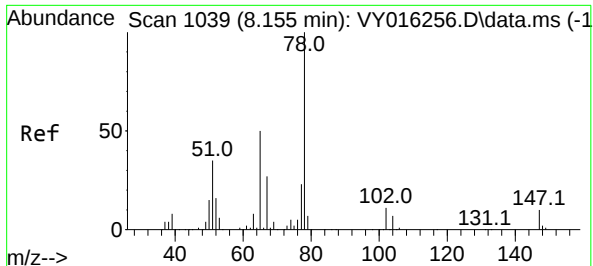
Tgt Ion: 56 Resp: 3404
Ion Ratio Lower Upper
56 100
69 191.4 27.8 41.6#
84 184.0 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 10.133 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 97 Resp: 32245
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 41.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.139 ug/l

RT: 8.148 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

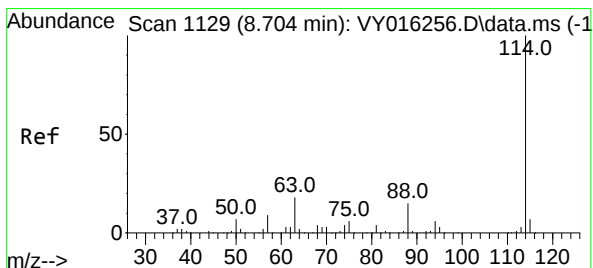
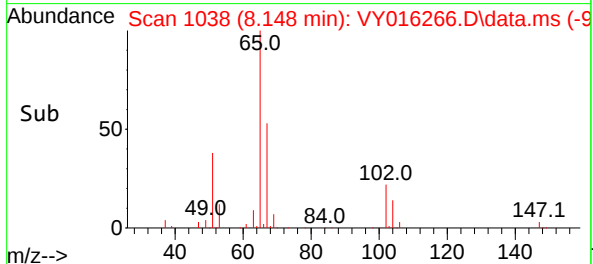
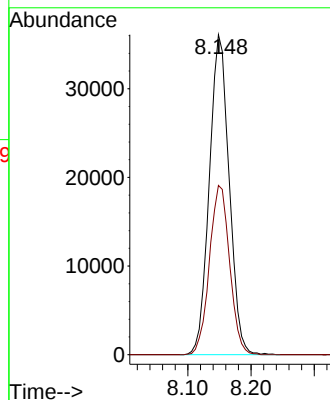
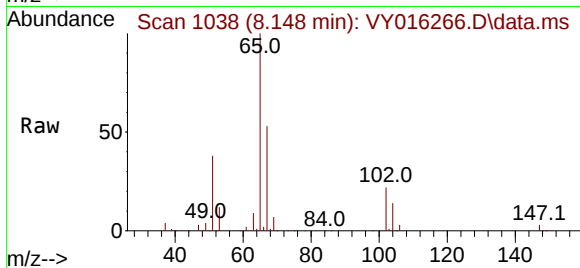
PT-VOA-SOILD

Tgt Ion: 65 Resp: 78565

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

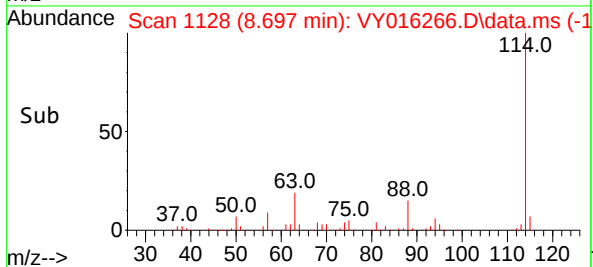
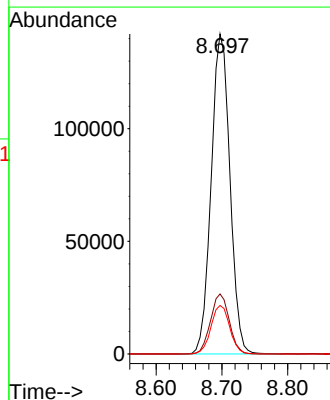
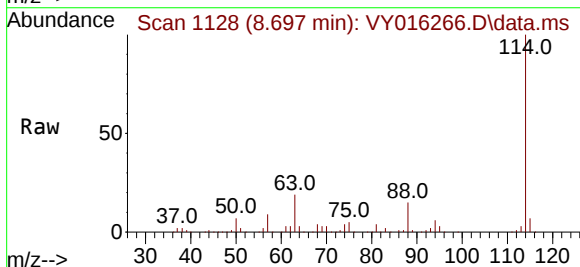
Tgt Ion: 114 Resp: 281235

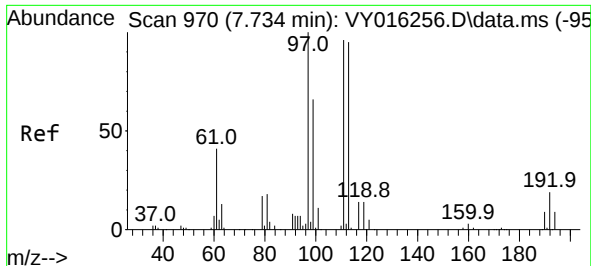
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.2 0.0 30.6

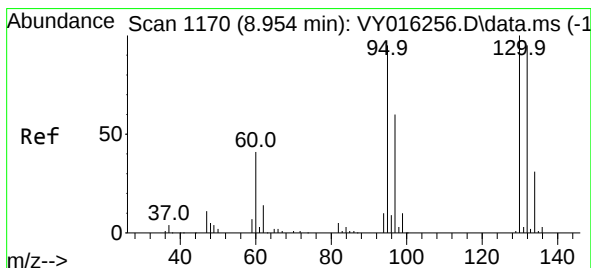
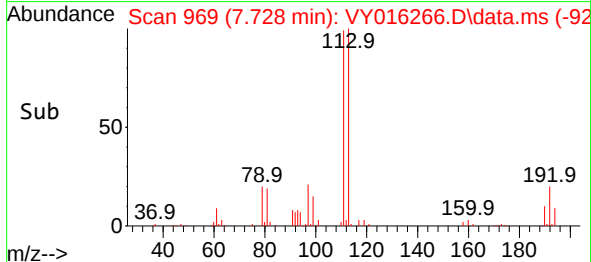
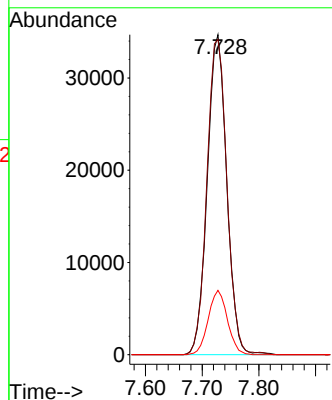
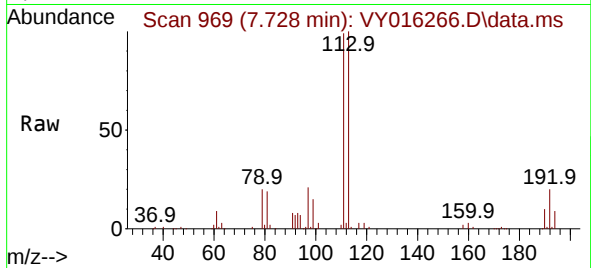




#35
Dibromofluoromethane
Concen: 51.683 ug/l
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

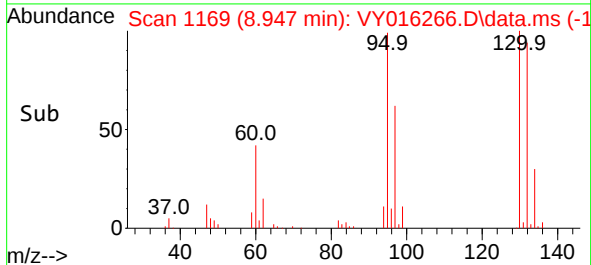
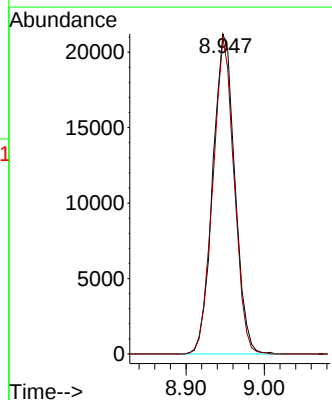
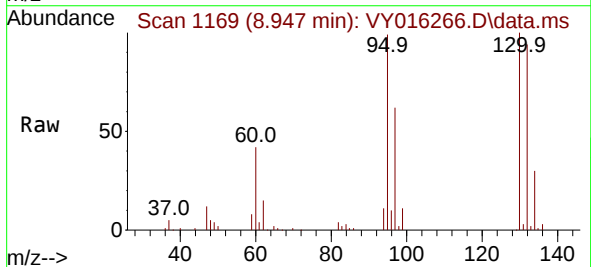
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

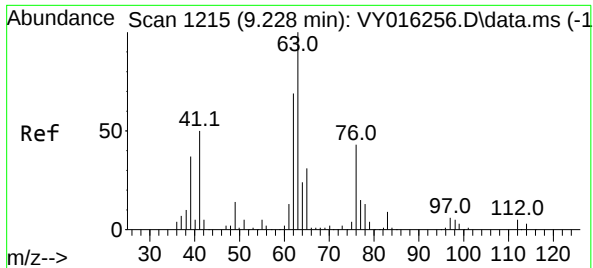
Tgt Ion:113 Resp: 82569
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 19.9 16.9 25.3



#44
Trichloroethene
Concen: 18.523 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion:130 Resp: 41490
Ion Ratio Lower Upper
130 100
95 98.7 0.0 196.0

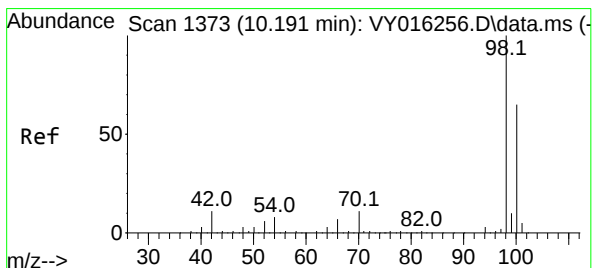
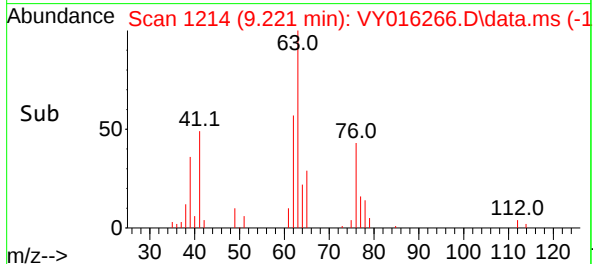
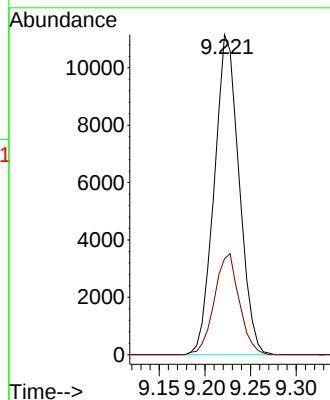
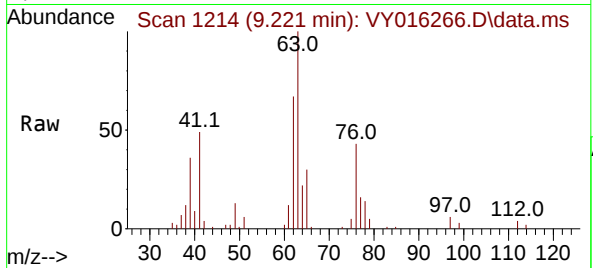




#45
1,2-Dichloropropane
Concen: 11.260 ug/l
RT: 9.221 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

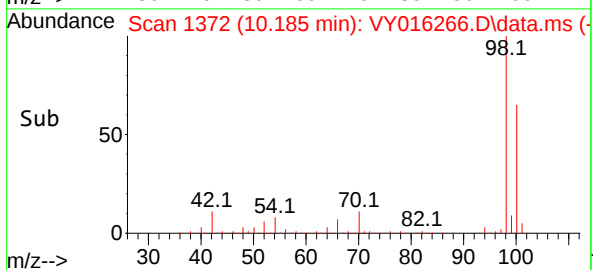
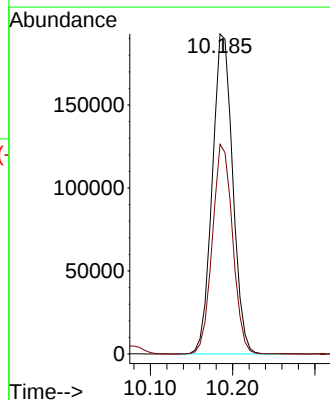
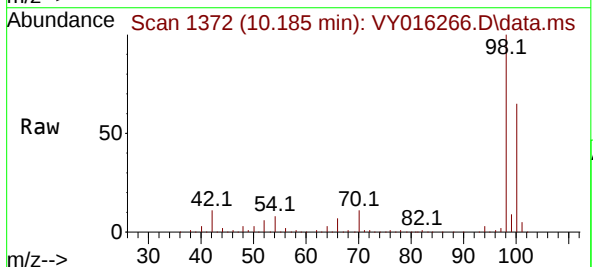
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

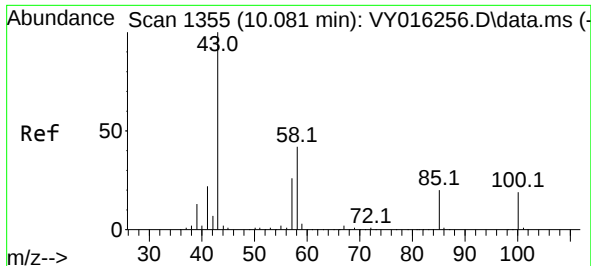
Tgt Ion: 63 Resp: 21077
Ion Ratio Lower Upper
63 100
65 30.0 23.8 35.6



#50
Toluene-d8
Concen: 51.359 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 98 Resp: 332733
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

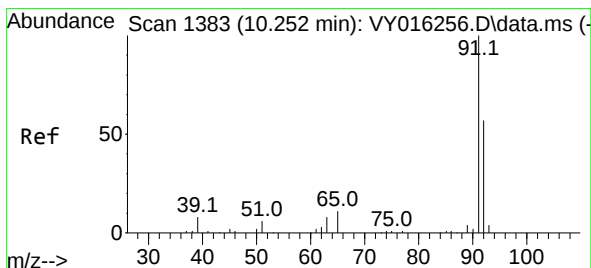
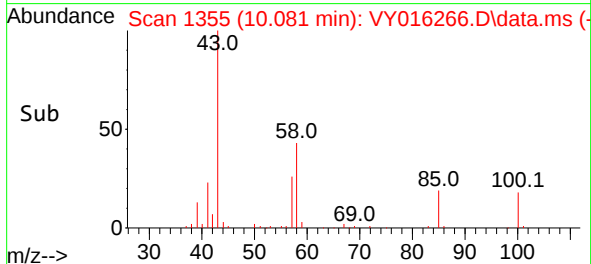
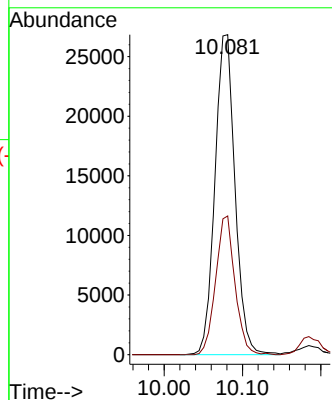
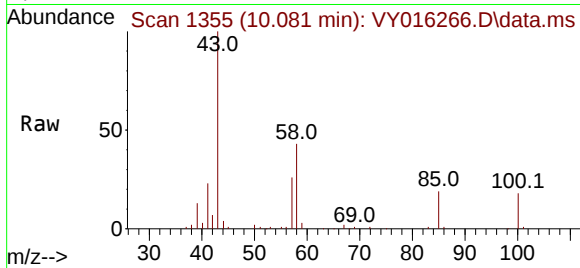




#51
4-Methyl-2-Pentanone
Concen: 43.717 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

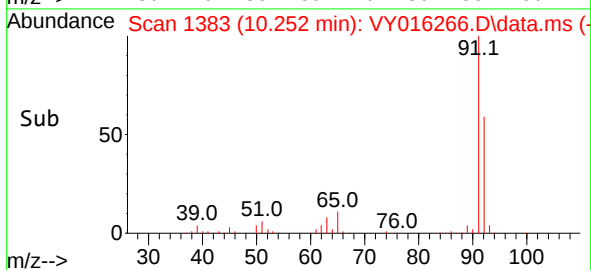
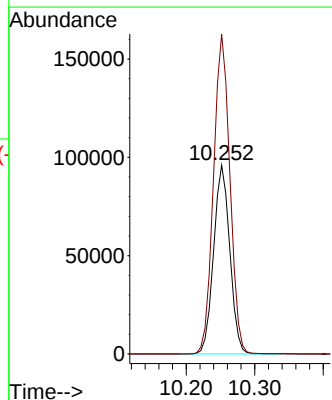
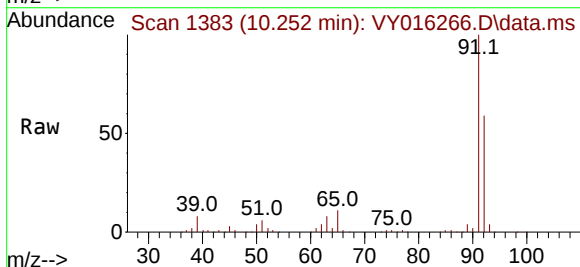
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

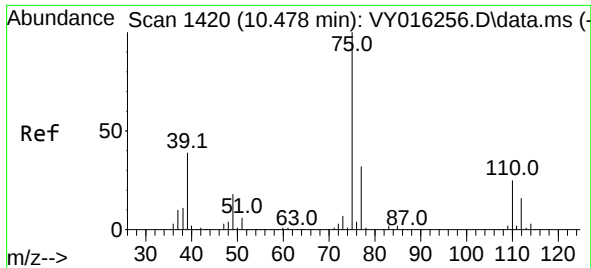
Tgt Ion: 43 Resp: 47896
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6



#52
Toluene
Concen: 31.840 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 92 Resp: 156868
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6

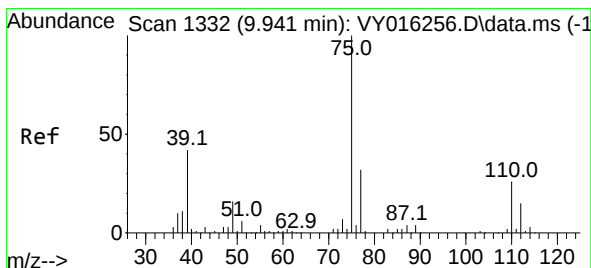
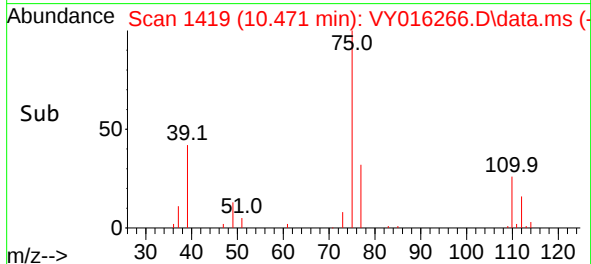
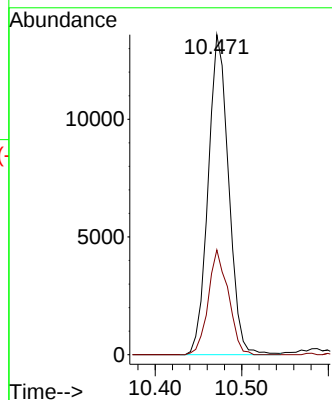
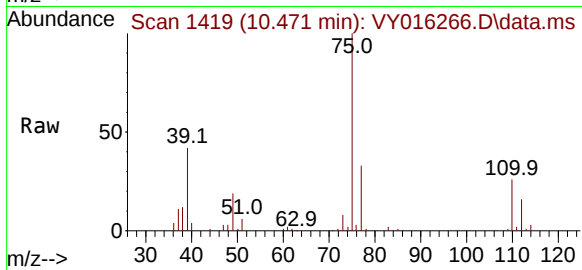




#53
t-1,3-Dichloropropene
Concen: 8.828 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

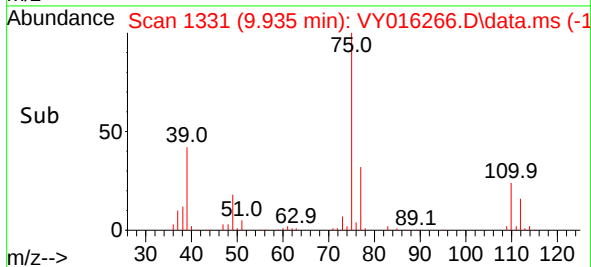
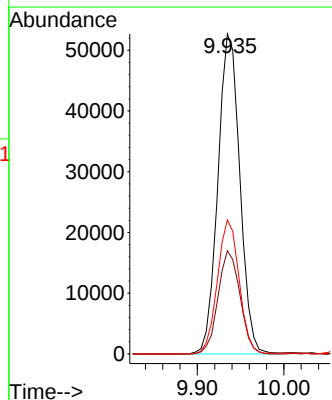
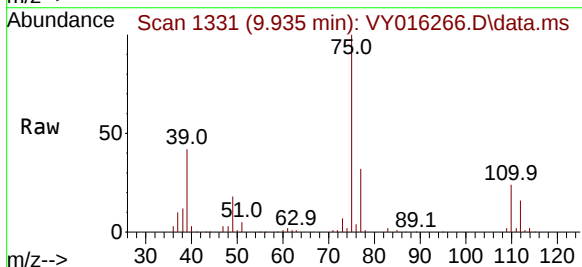
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

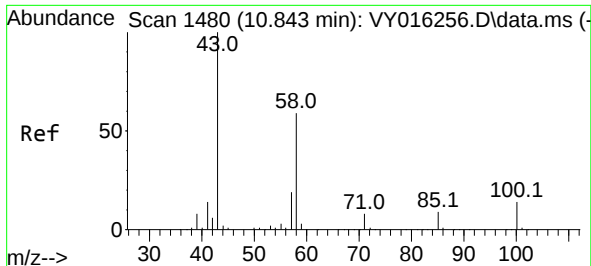
Tgt Ion: 75 Resp: 22317
Ion Ratio Lower Upper
75 100
77 32.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 30.750 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion: 75 Resp: 92846
Ion Ratio Lower Upper
75 100
77 32.3 24.2 36.4
39 41.9 42.2 63.4#





#59

2-Hexanone

Concen: 27.668 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

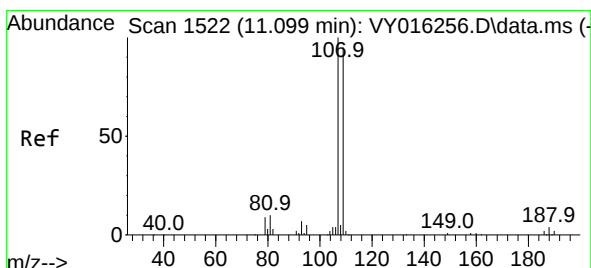
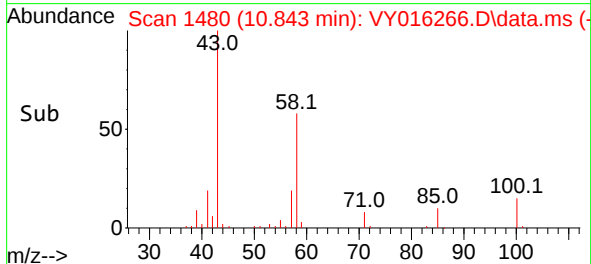
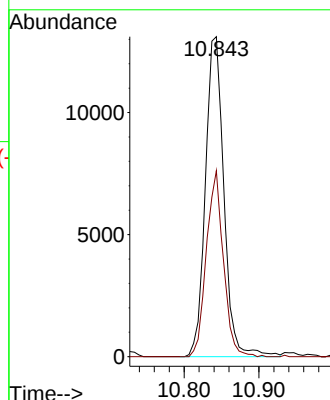
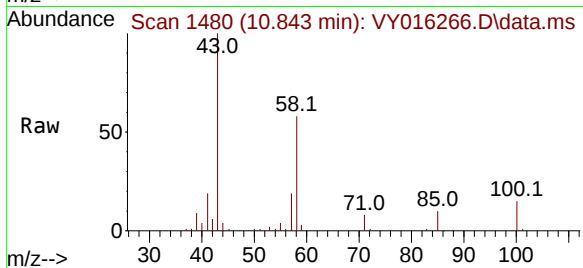
PT-VOA-SOILDL

Tgt Ion: 43 Resp: 22548

Ion Ratio Lower Upper

43 100

58 53.5 25.1 75.3



#61

1,2-Dibromoethane

Concen: 11.149 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VY016266.D

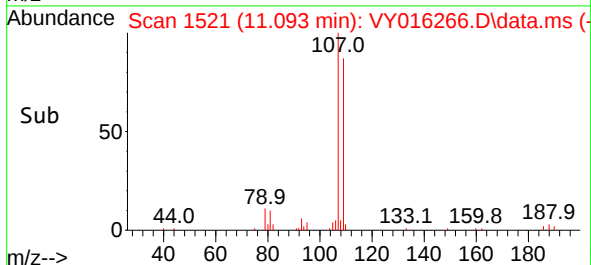
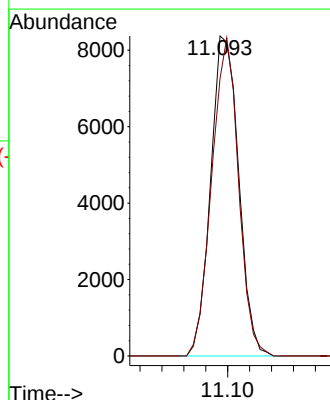
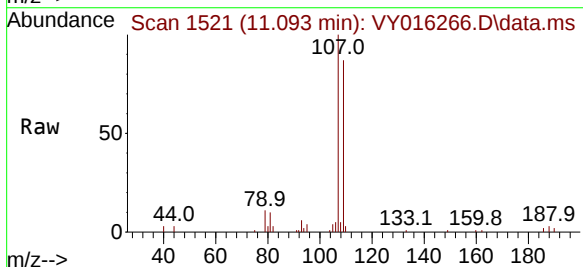
Acq: 08 Nov 2023 16:30

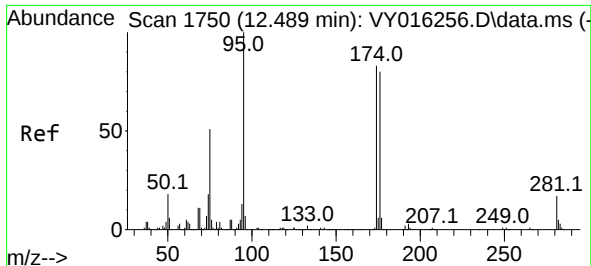
Tgt Ion: 107 Resp: 14850

Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4

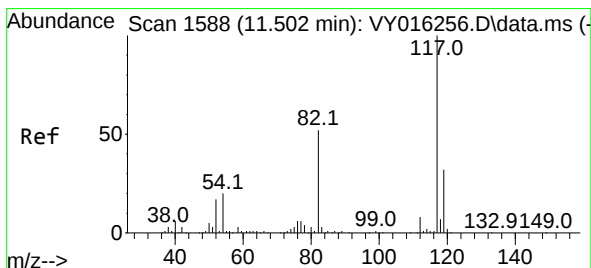
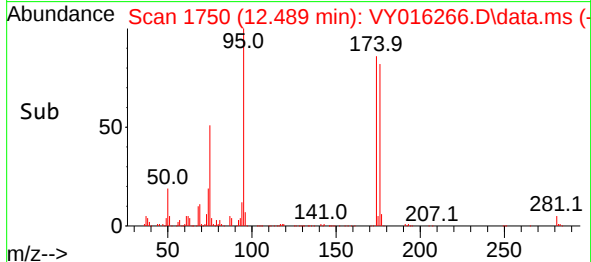
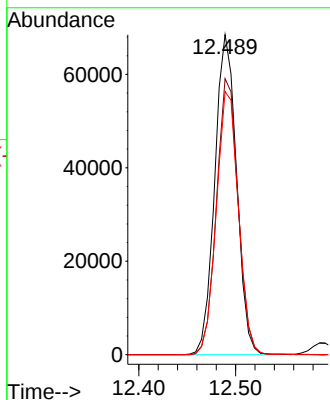
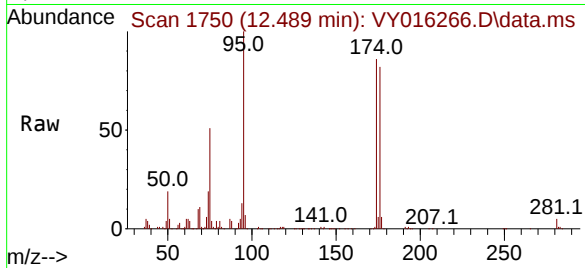




#62
4-Bromofluorobenzene
Concen: 50.828 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

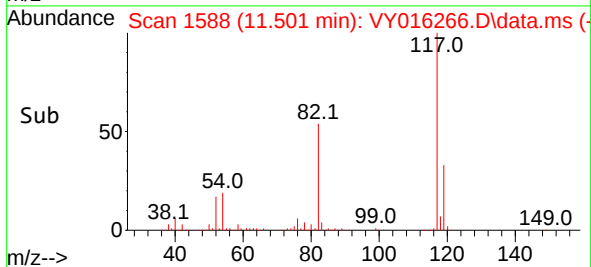
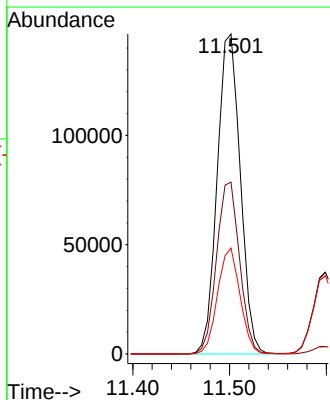
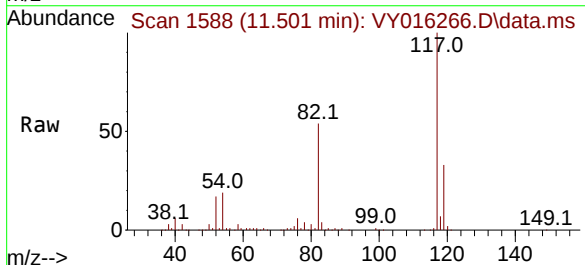
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILDL

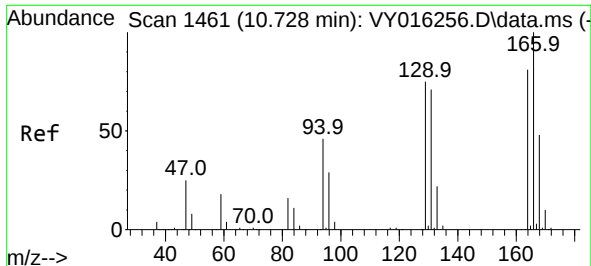
Tgt Ion: 95 Resp: 106949
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

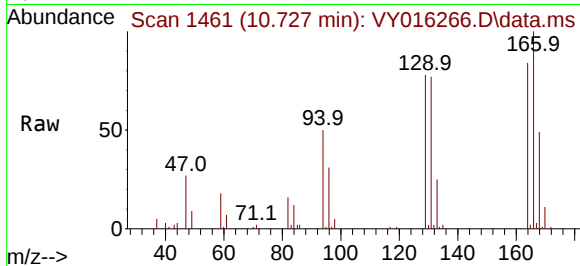
Tgt Ion: 117 Resp: 242646
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 33.1 26.3 39.5



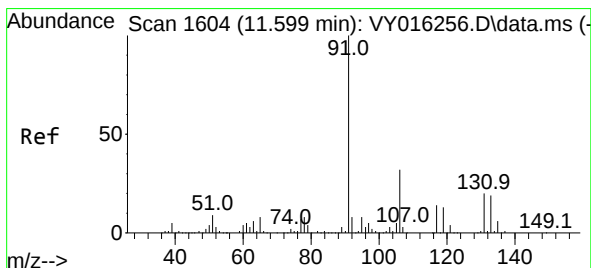
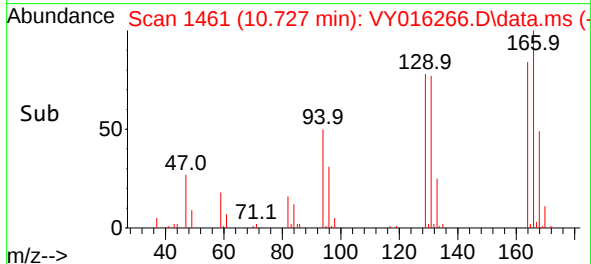
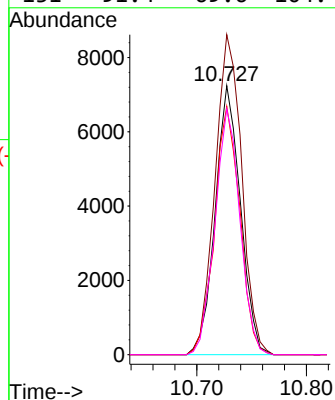


#64
Tetrachloroethene
Concen: 5.338 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

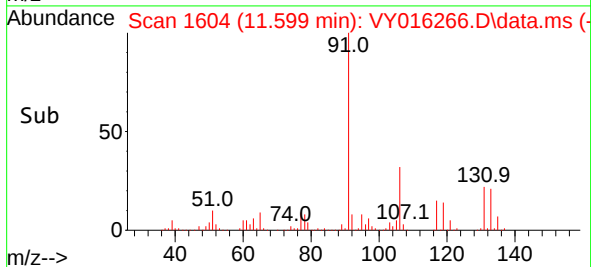
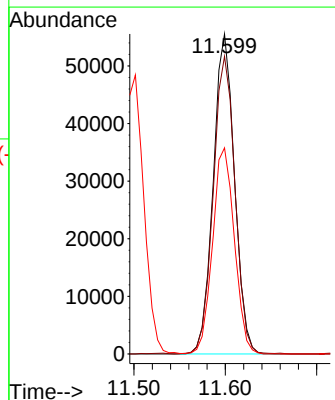
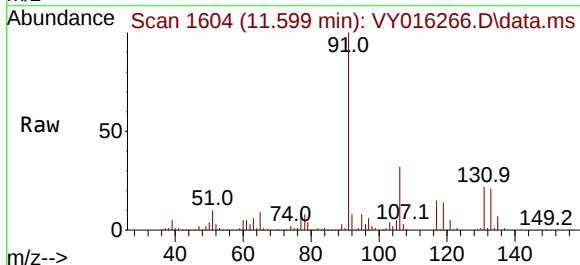


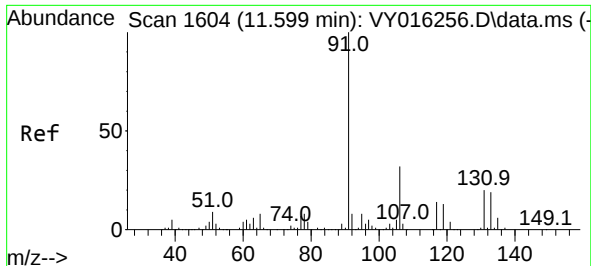
Tgt Ion:164 Resp: 11631
Ion Ratio Lower Upper
164 100
166 119.0 103.0 154.6
129 92.3 77.2 115.8
131 91.4 69.6 104.4



#66
1,1,1,2-Tetrachloroethane
Concen: 46.916 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion:131 Resp: 89709
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.6
119 66.0 31.6 94.7





#67

Ethyl Benzene

Concen: 43.403 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

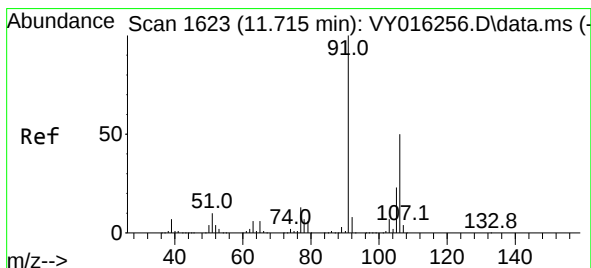
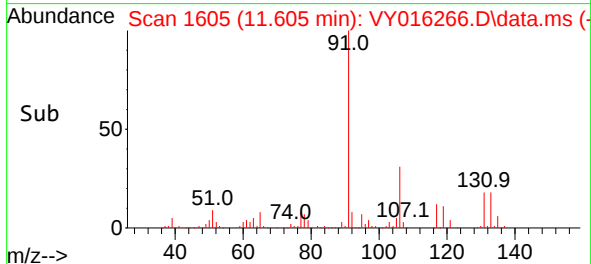
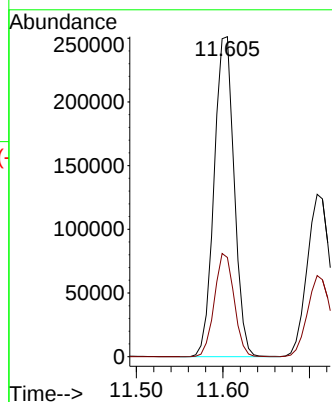
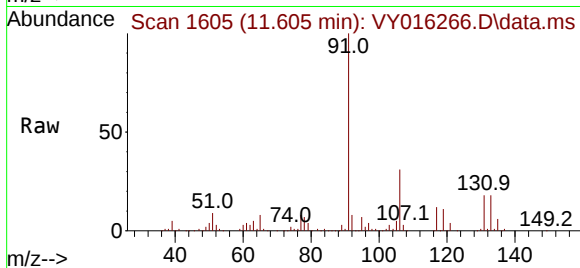
PT-VOA-SOILDL

Tgt Ion: 91 Resp: 404382

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 33.014 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016266.D

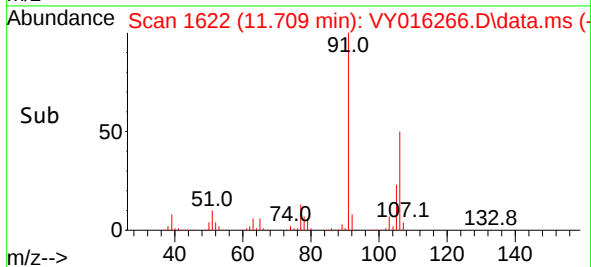
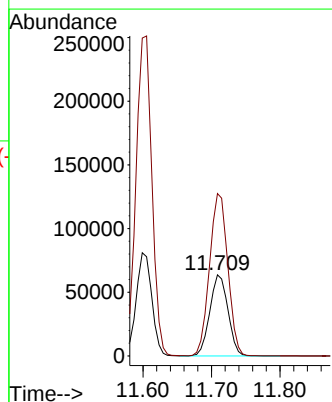
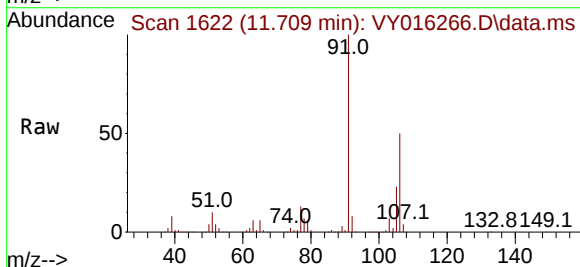
Acq: 08 Nov 2023 16:30

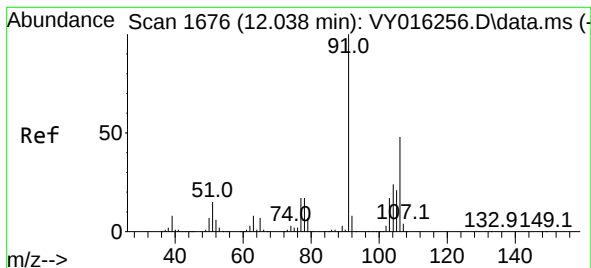
Tgt Ion:106 Resp: 116665

Ion Ratio Lower Upper

106 100

91 201.8 166.1 249.1





#69

o-Xylene

Concen: 34.964 ug/l

RT: 12.038 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

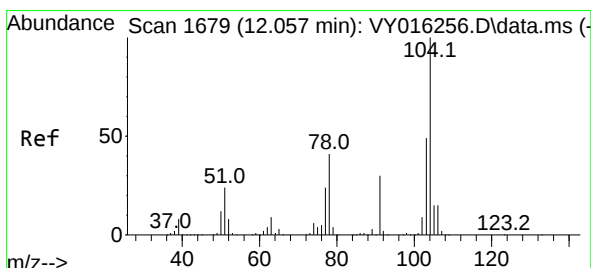
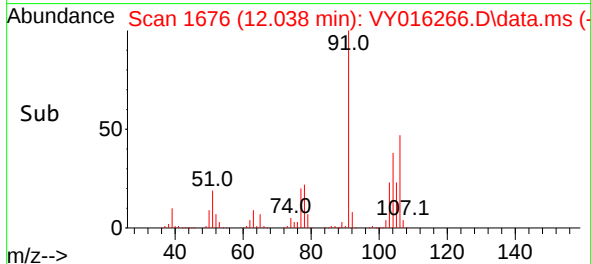
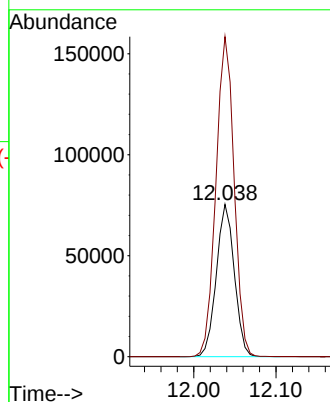
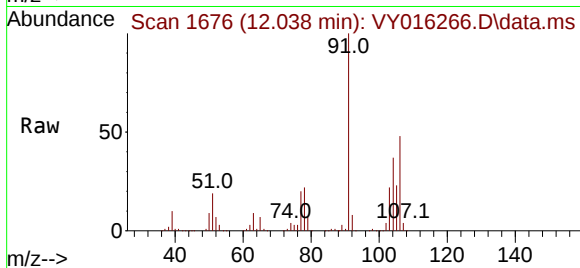
PT-VOA-SOILD

Tgt Ion:106 Resp: 114715

Ion Ratio Lower Upper

106 100

91 212.2 108.1 324.3



#70

Styrene

Concen: 56.393 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

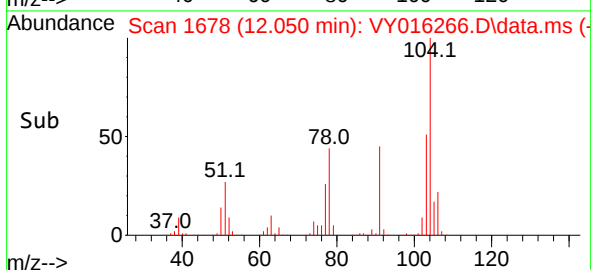
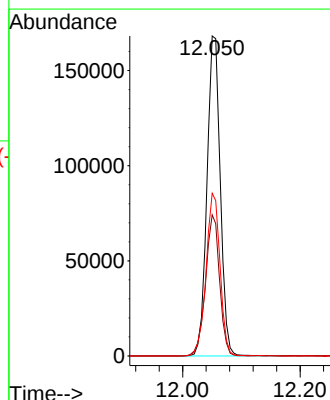
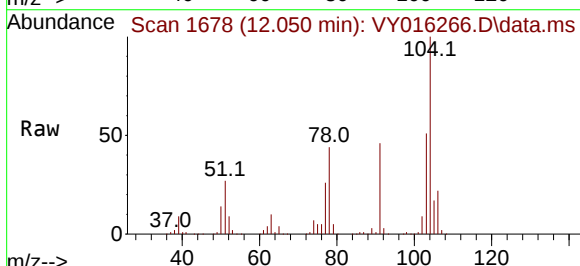
Tgt Ion:104 Resp: 264937

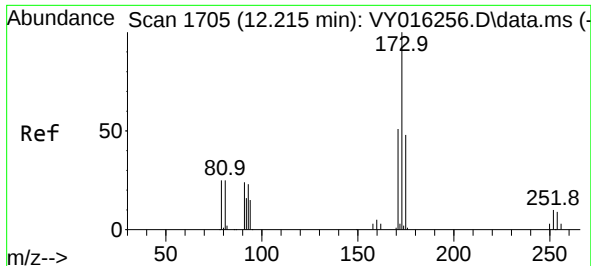
Ion Ratio Lower Upper

104 100

78 46.3 41.5 62.3

103 53.3 44.6 67.0

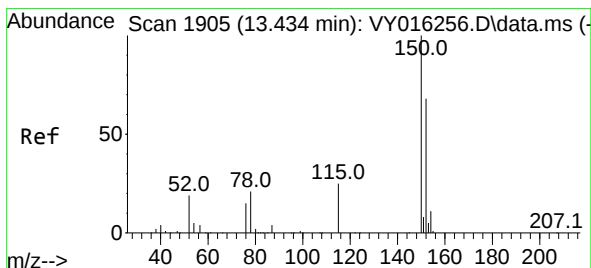
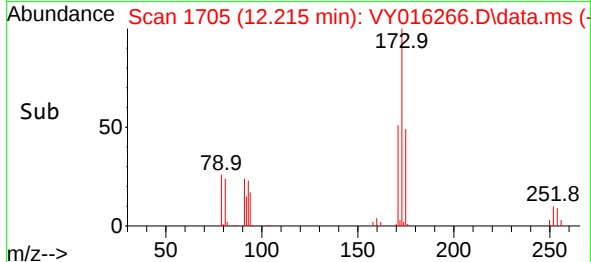
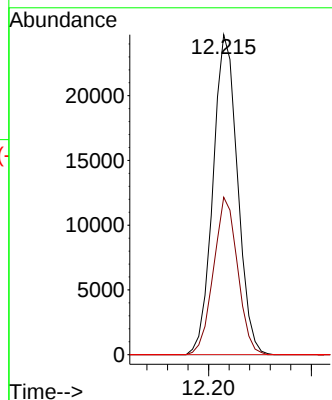
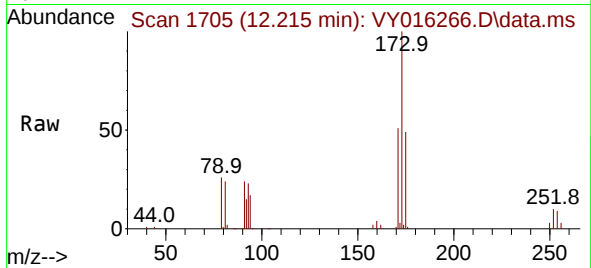




#71
Bromoform
Concen: 41.216 ug/l
RT: 12.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

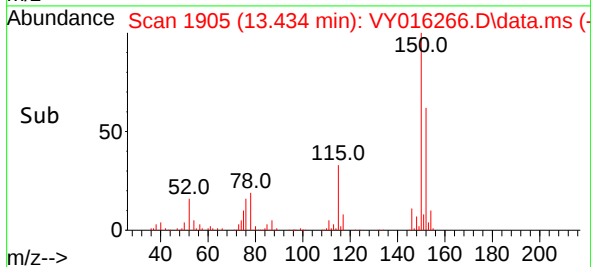
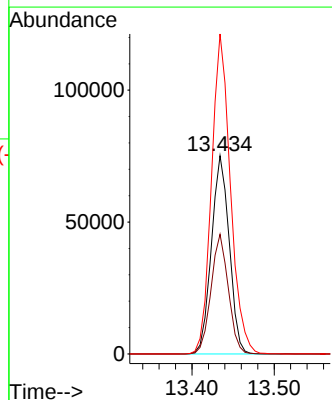
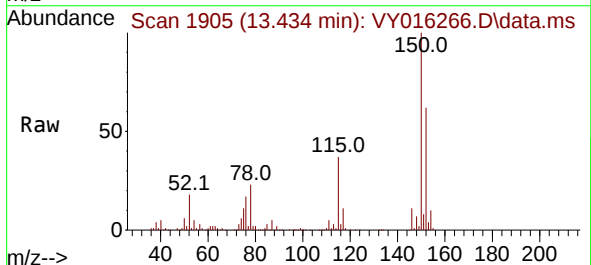
Instrument :
MSVOA_Y
ClientSampleId :
PT-VOA-SOILD

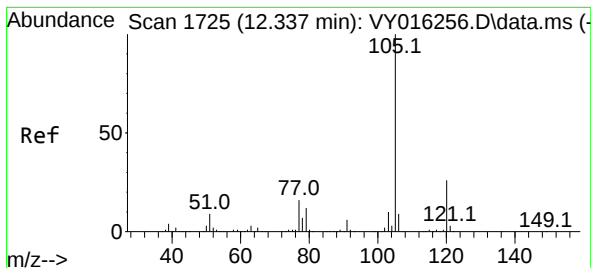
Tgt Ion:173 Resp: 40893
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016266.D
Acq: 08 Nov 2023 16:30

Tgt Ion:152 Resp: 113151
Ion Ratio Lower Upper
152 100
115 58.5 28.8 86.5
150 171.6 0.0 348.8





#73

Isopropylbenzene

Concen: 38.584 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

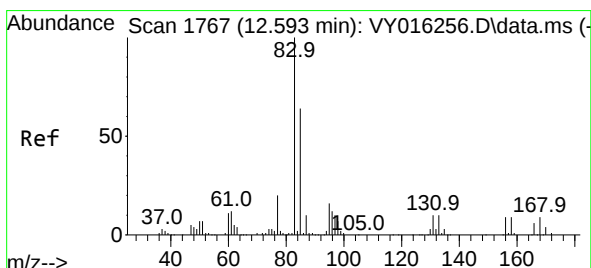
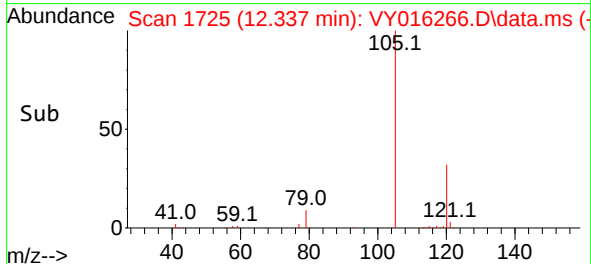
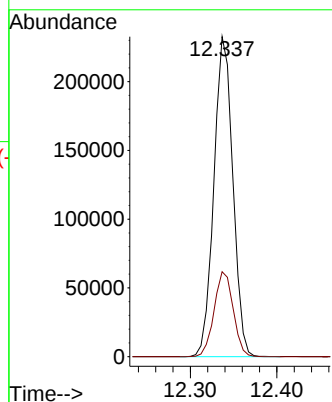
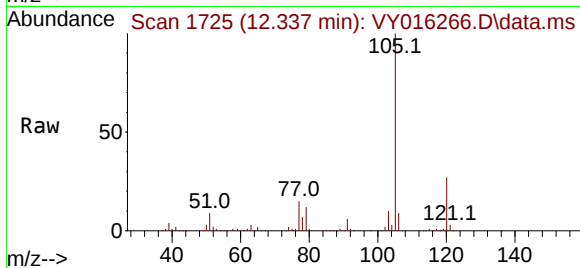
PT-VOA-SOILDL

Tgt Ion:105 Resp: 353534

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#75

1,1,2,2-Tetrachloroethane

Concen: 16.369 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

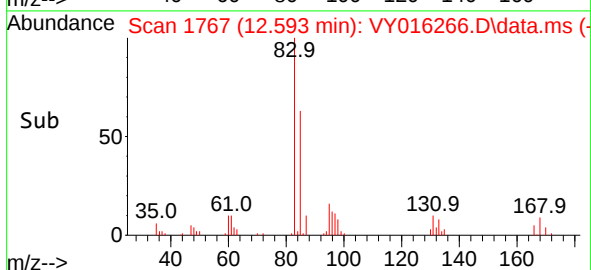
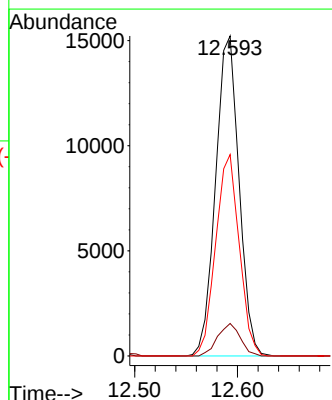
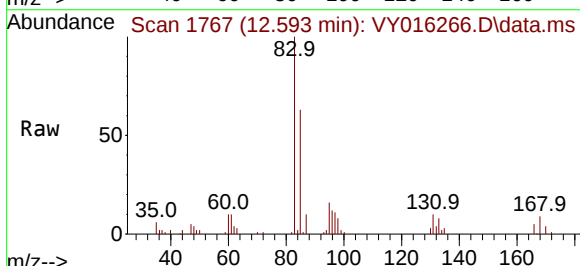
Tgt Ion: 83 Resp: 24067

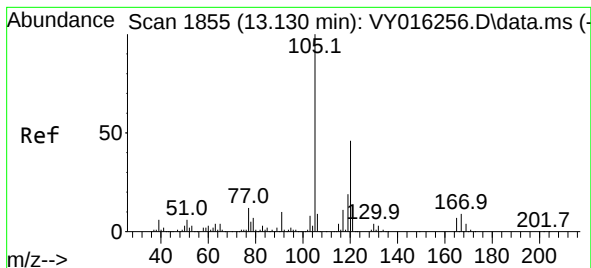
Ion Ratio Lower Upper

83 100

131 9.8 5.4 16.2

85 63.2 31.8 95.4





#84

1,2,4-Trimethylbenzene

Concen: 26.875 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

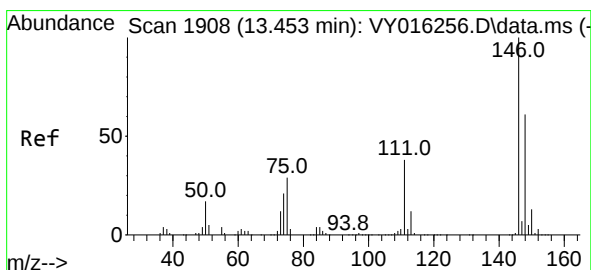
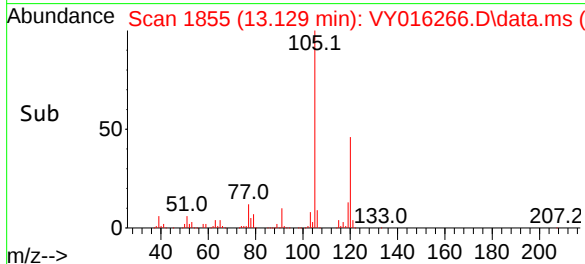
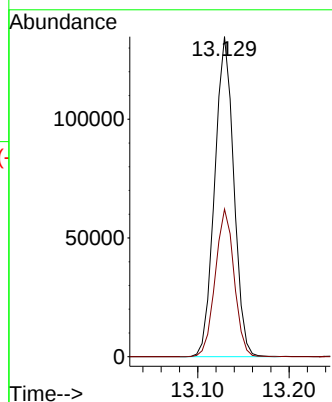
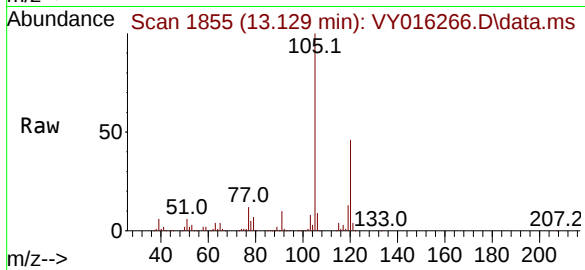
PT-VOA-SOILDL

Tgt Ion:105 Resp: 195494

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6



#88

1,4-Dichlorobenzene

Concen: 39.428 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

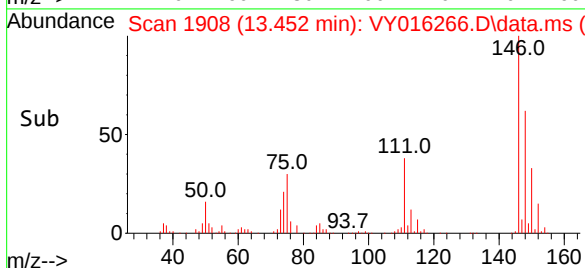
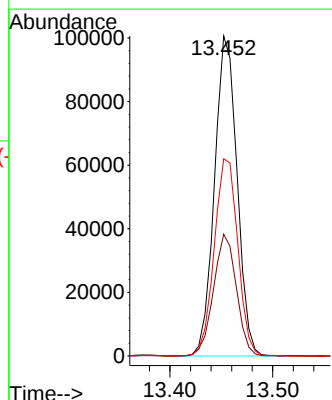
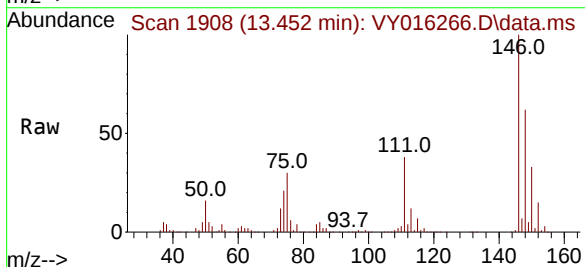
Tgt Ion:146 Resp: 153522

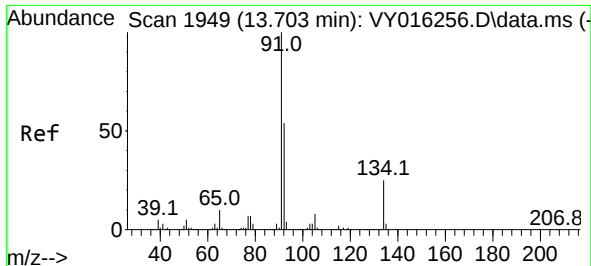
Ion Ratio Lower Upper

146 100

111 38.7 18.9 56.7

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 23.723 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILD

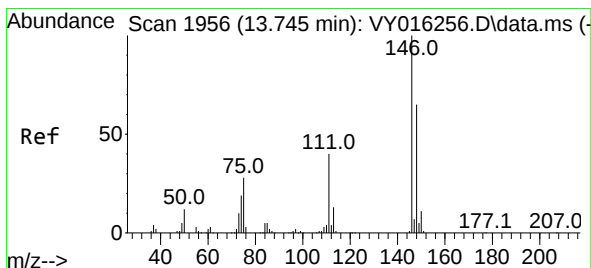
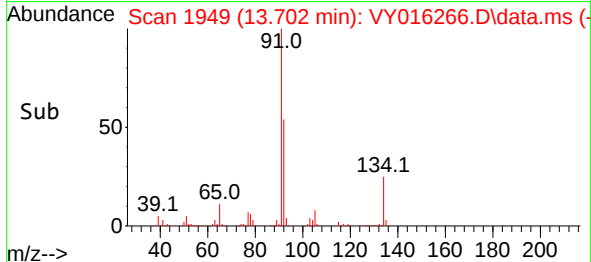
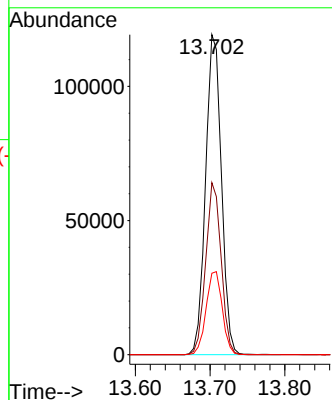
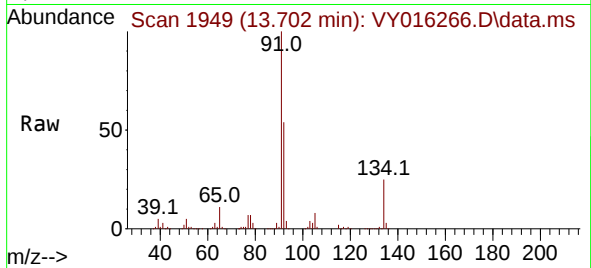
Tgt Ion: 91 Resp: 175368

Ion Ratio Lower Upper

91 100

92 52.4 25.4 76.0

134 26.5 12.6 37.6



#91

1,2-Dichlorobenzene

Concen: 28.792 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

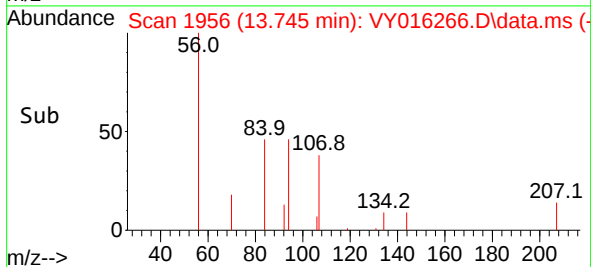
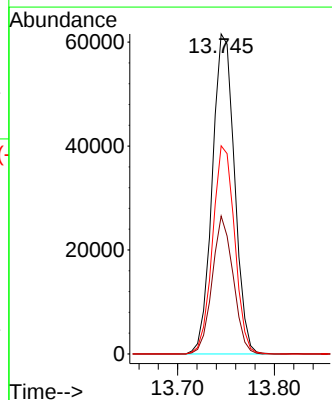
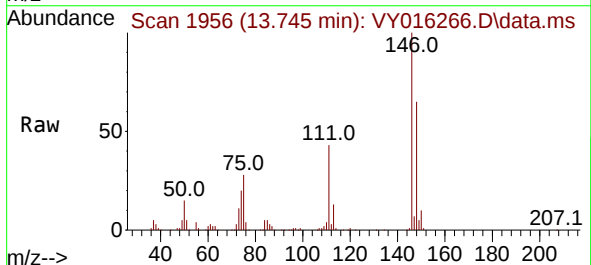
Tgt Ion:146 Resp: 98298

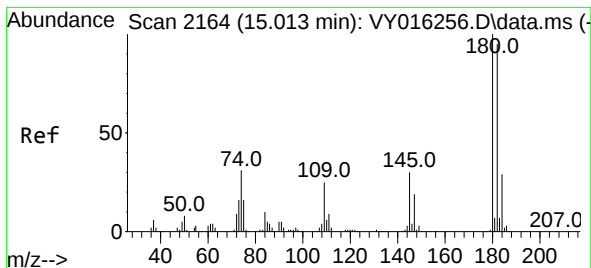
Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 64.5 32.0 96.2





#93

1,2,4-Trichlorobenzene

Concen: 16.562 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Instrument :

MSVOA_Y

ClientSampleId :

PT-VOA-SOILD

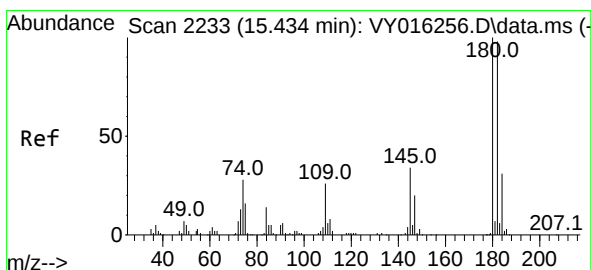
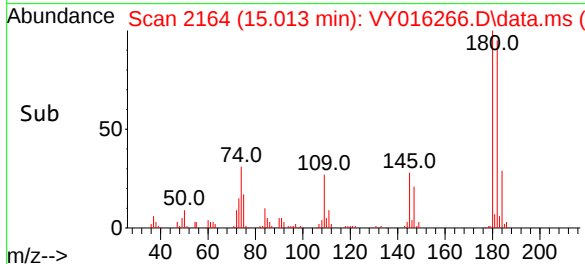
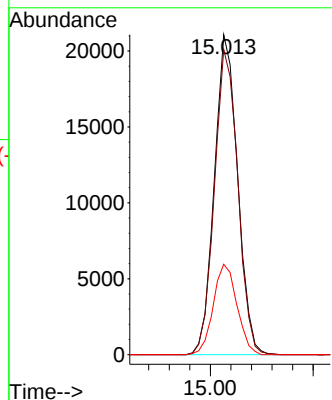
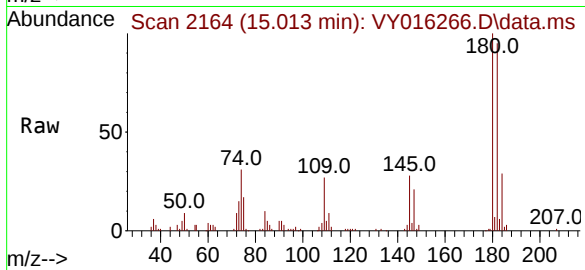
Tgt Ion:180 Resp: 33005

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.2

145 28.9 14.5 43.5



#96

1,2,3-Trichlorobenzene

Concen: 45.394 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016266.D

Acq: 08 Nov 2023 16:30

Tgt Ion:180 Resp: 74821

Ion Ratio Lower Upper

180 100

182 97.4 47.3 141.8

145 32.5 15.4 46.2

