

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006790.D
 Acq On : 17 Nov 2021 15:55
 Operator : SY/MD
 Sample : M4674-03RE
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MF-SOIL-P2

Quant Time: Nov 18 03:02:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

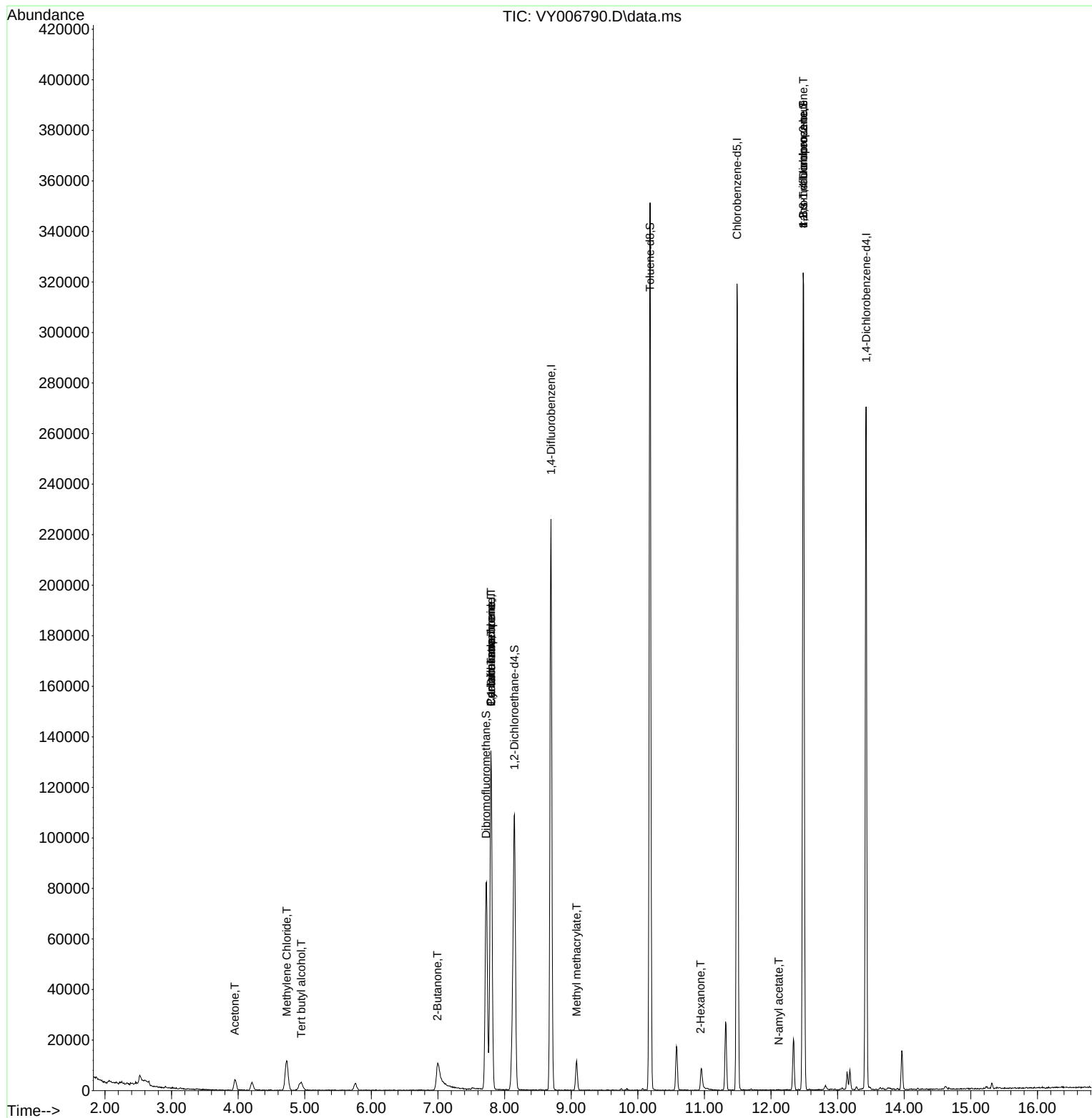
Internal Standards						
1) Pentafluorobenzene	7.795	168	100069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	159529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79482	60.603	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 121.200%			
35) Dibromofluoromethane	7.722	113	55497	51.951	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.900%			
50) Toluene-d8	10.185	98	222906	50.424	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.483	95	67801	45.495	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.000%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	4494	22.785	ug/l #	76
16) Acetone	3.948	43	7314	18.355	ug/l #	85
20) Methylene Chloride	4.729	84	8227	3.749	ug/l	99
25) 2-Butanone	6.990	43	918	13.012	ug/l #	52
31) Cyclohexane	7.795	56	2687	1.166	ug/l #	52
36) 1,1-Dichloropropene	7.795	75	9393	4.969	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10079	5.213	ug/l #	16
48) Methyl methacrylate	9.081	41	3050	2.715	ug/l #	43
59) 2-Hexanone	10.941	43	102	23.917	ug/l #	28
74) N-amyl acetate	12.117	43	20	3.166	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	41733	60.510	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41733	119.898	ug/l #	7

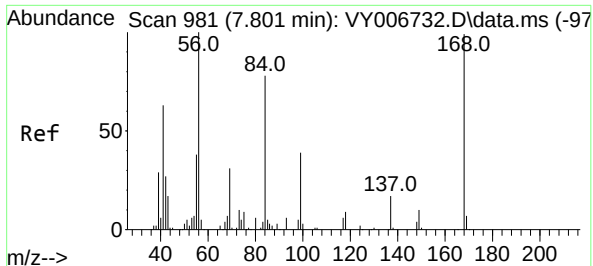
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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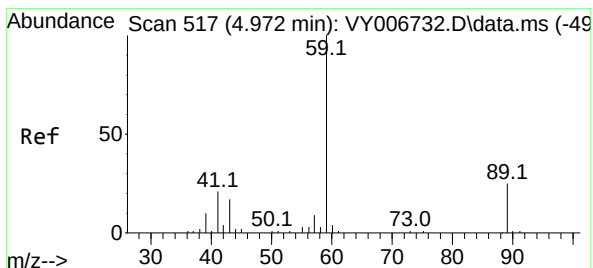
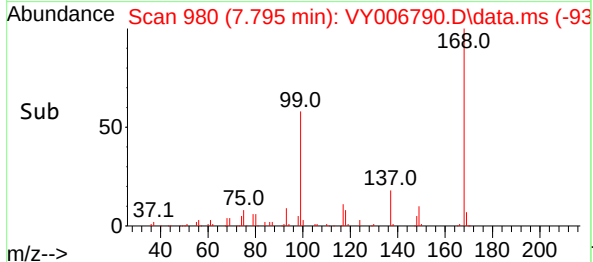
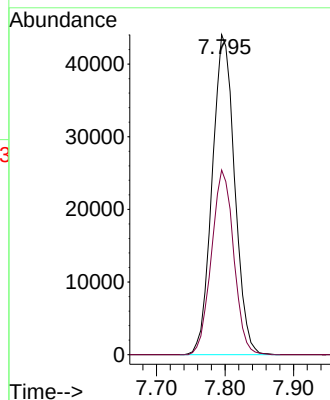
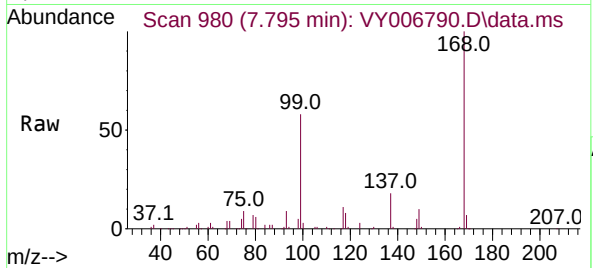




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

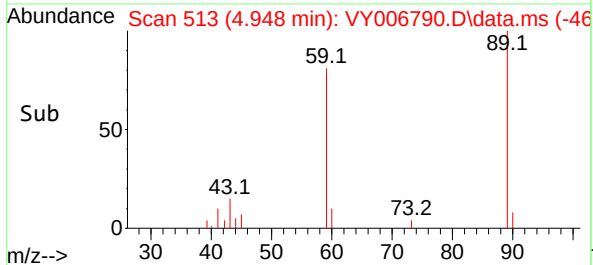
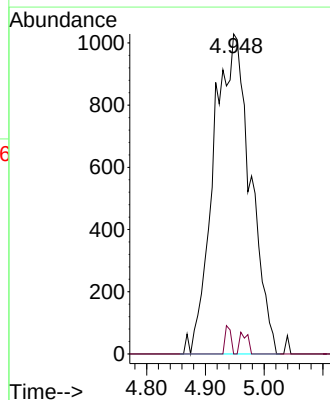
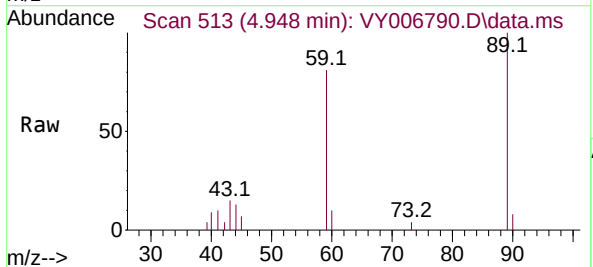
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

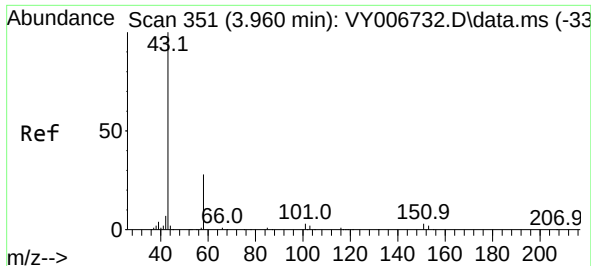
Tgt Ion:168 Resp: 100069
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2



#11
Tert butyl alcohol
Concen: 22.785 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

Tgt Ion: 59 Resp: 4494
Ion Ratio Lower Upper
59 100
57 1.4 8.2 12.4#

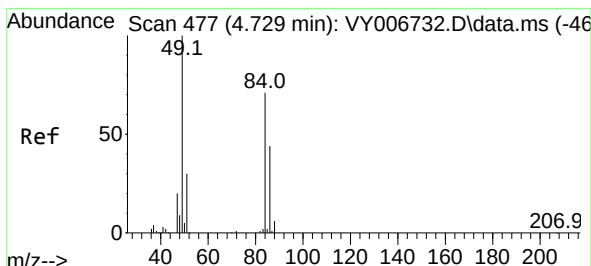
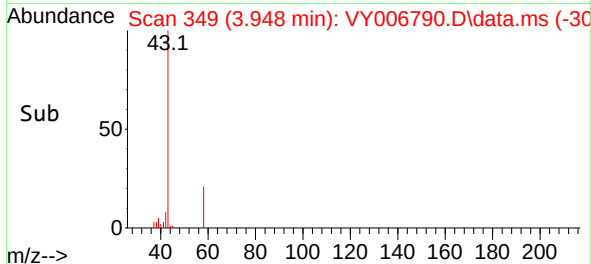
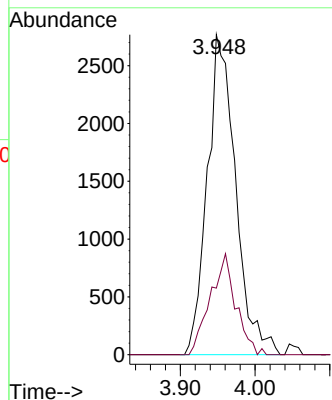
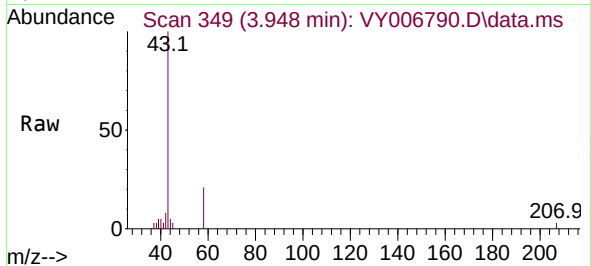




#16
Acetone
Concen: 18.355 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

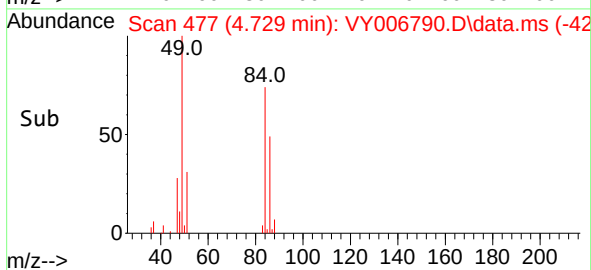
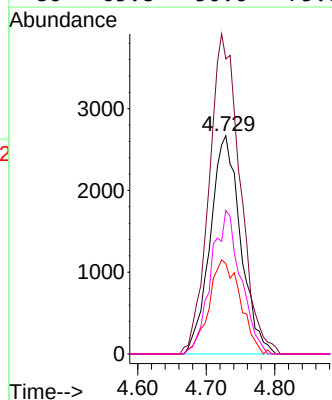
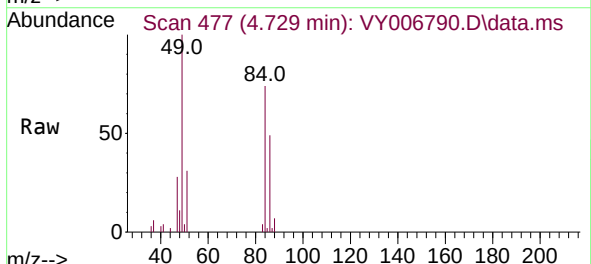
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

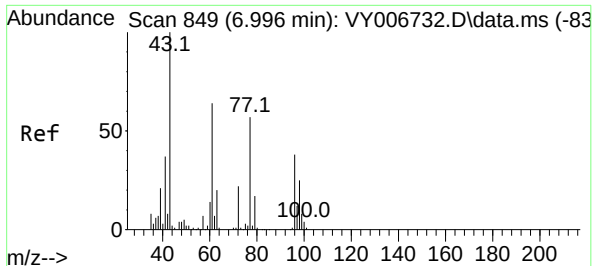
Tgt Ion: 43 Resp: 7314
Ion Ratio Lower Upper
43 100
58 20.8 22.9 34.3#



#20
Methylene Chloride
Concen: 3.749 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

Tgt Ion: 84 Resp: 8227
Ion Ratio Lower Upper
84 100
49 135.2 107.8 161.8
51 41.4 32.8 49.2
86 65.8 50.6 75.8





#25

2-Butanone

Concen: 13.012 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY006790.D

Acq: 17 Nov 2021 15:55

Instrument :

MSVOA_Y

ClientSampleId :

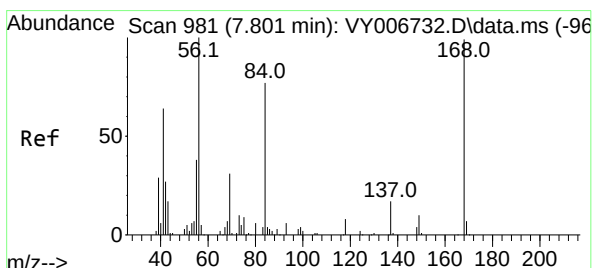
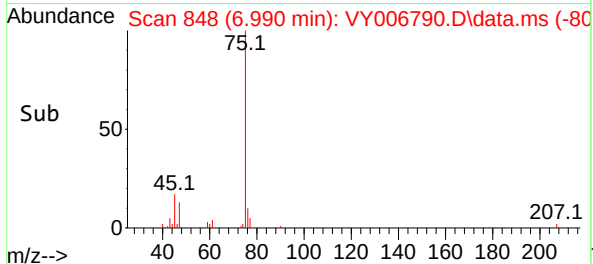
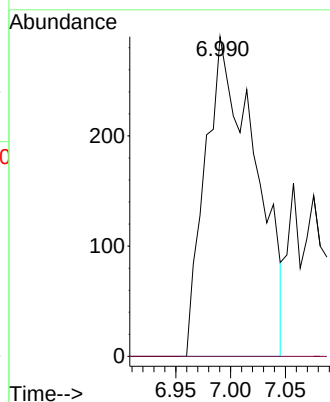
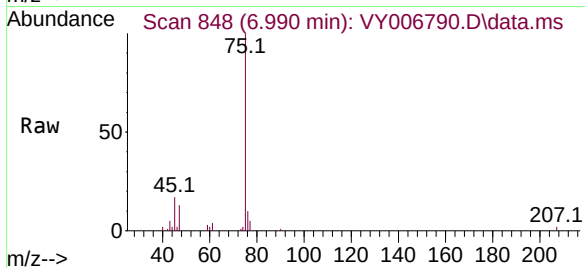
MF-SOIL-P2

Tgt Ion: 43 Resp: 918

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.166 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006790.D

Acq: 17 Nov 2021 15:55

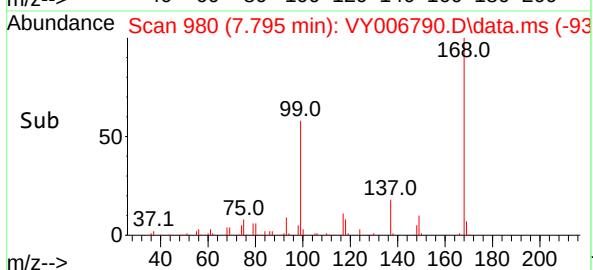
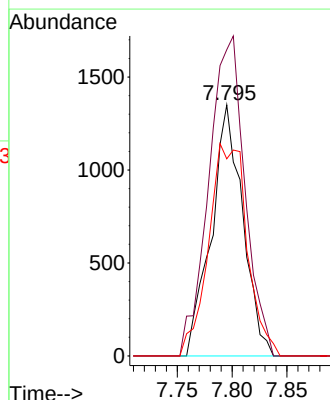
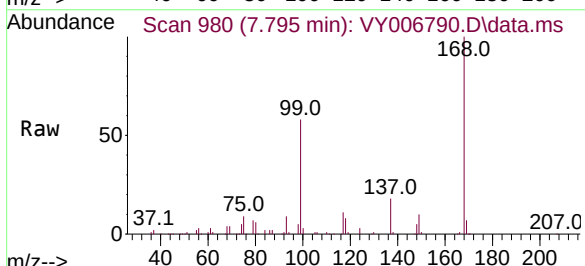
Tgt Ion: 56 Resp: 2687

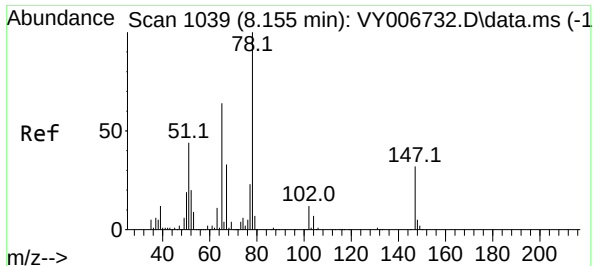
Ion Ratio Lower Upper

56 100

69 122.0 26.6 40.0#

84 78.5 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 60.603 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006790.D

Acq: 17 Nov 2021 15:55

Instrument :

MSVOA_Y

ClientSampleId :

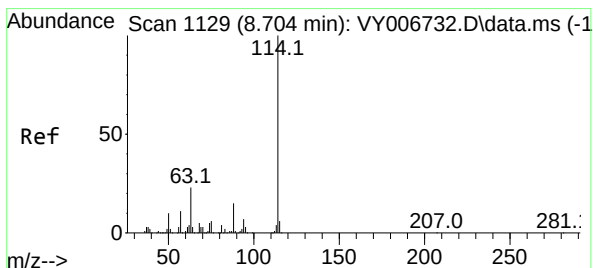
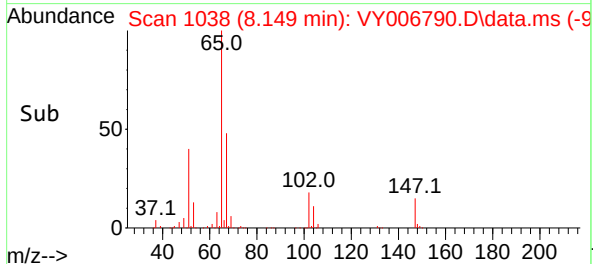
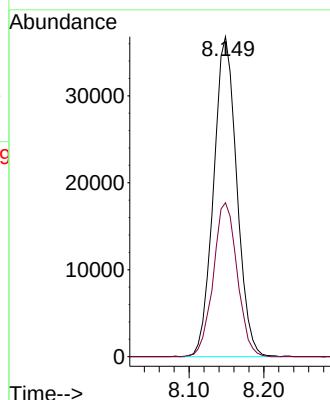
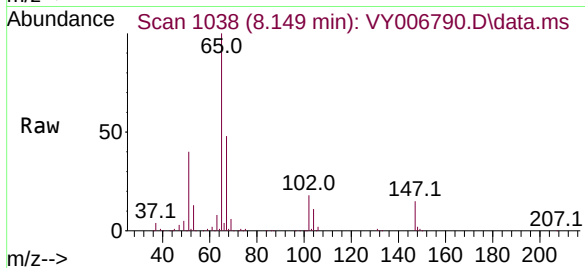
MF-SOIL-P2

Tgt Ion: 65 Resp: 79482

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006790.D

Acq: 17 Nov 2021 15:55

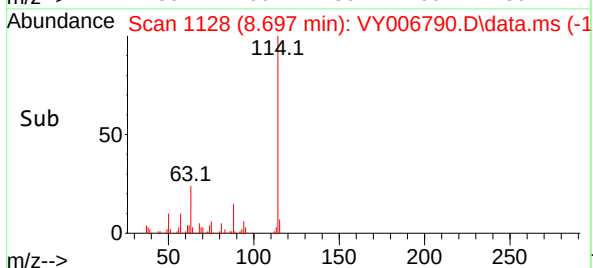
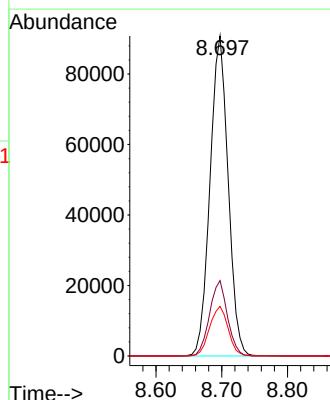
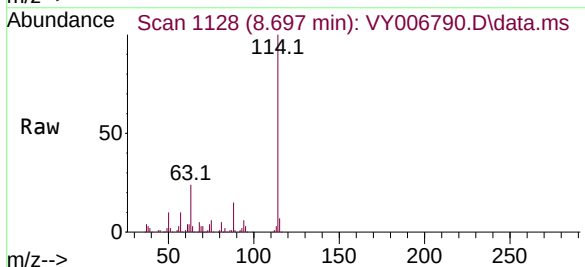
Tgt Ion: 114 Resp: 173916

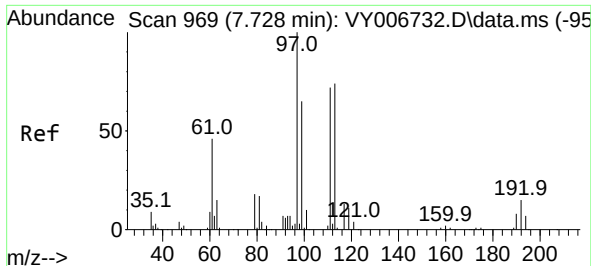
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 15.5 0.0 30.6

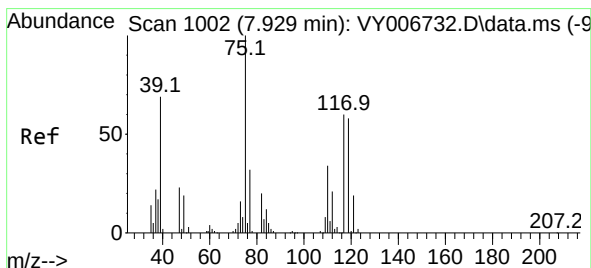
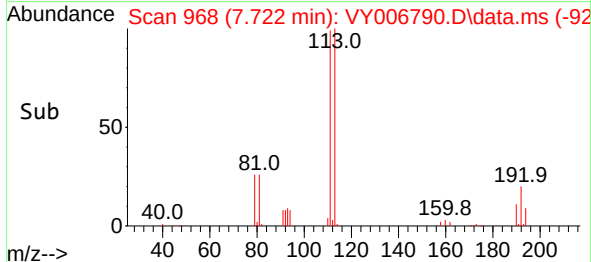
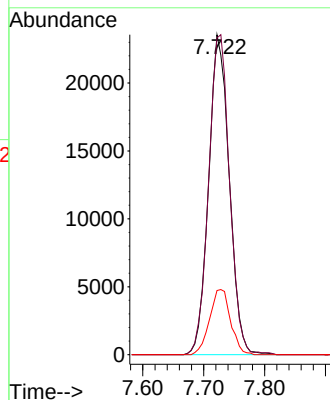
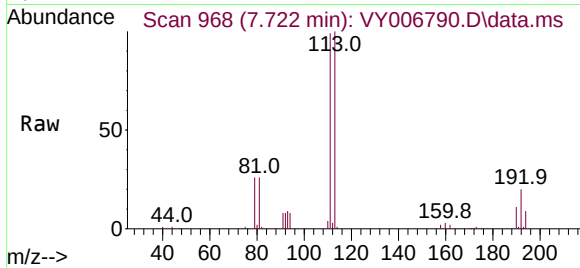




#35
Dibromofluoromethane
Concen: 51.951 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

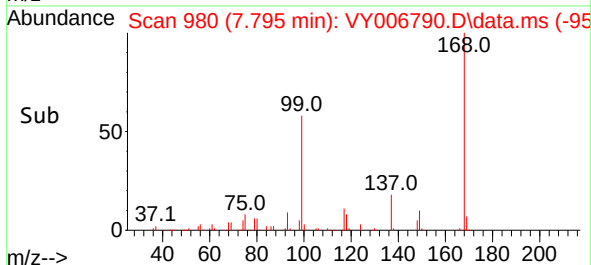
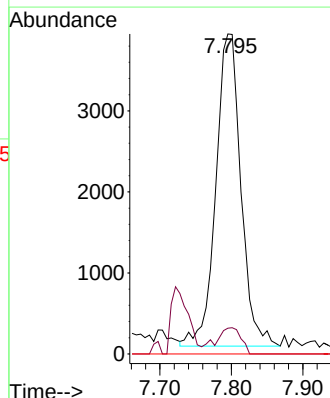
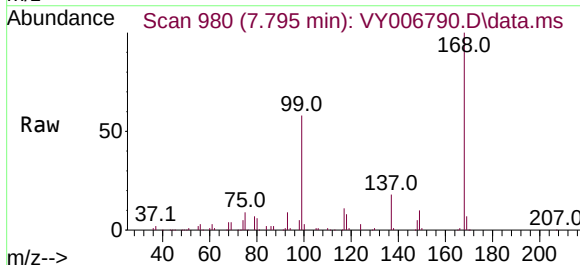
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

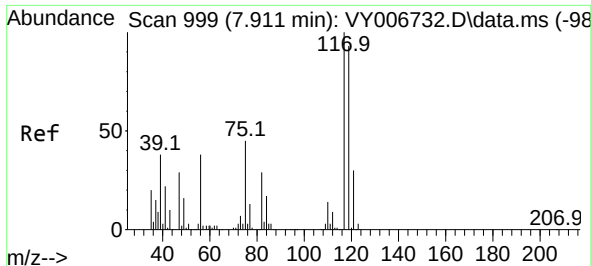
Tgt Ion:113 Resp: 55497
Ion Ratio Lower Upper
113 100
111 101.5 82.3 123.5
192 20.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.969 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

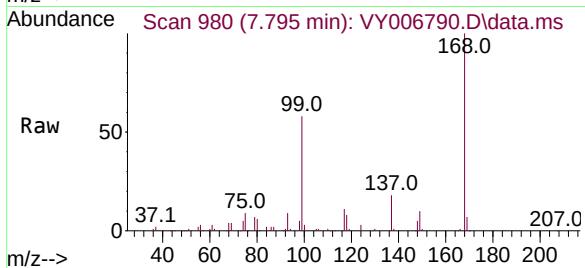
Tgt Ion: 75 Resp: 9393
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.3#
77 0.0 24.9 37.3#



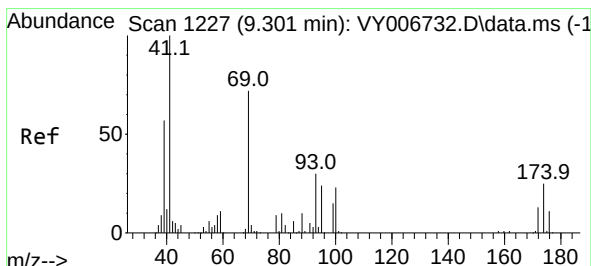
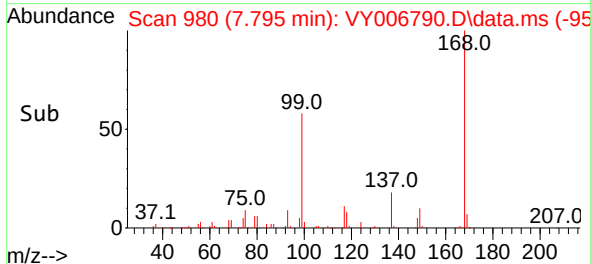
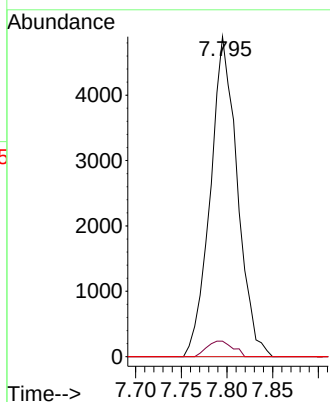


#38
Carbon Tetrachloride
Concen: 5.213 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

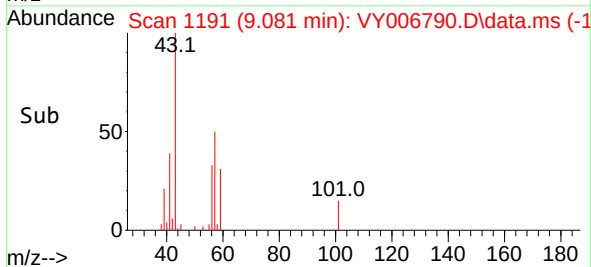
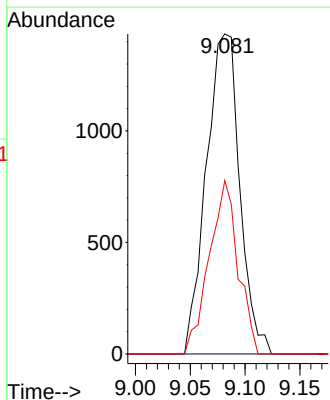
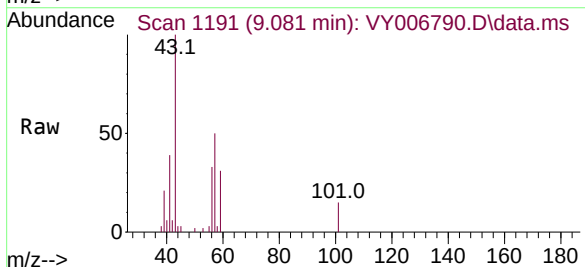


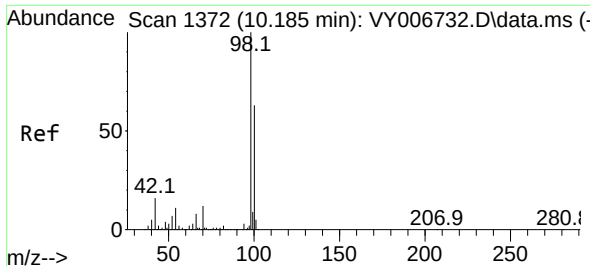
Tgt Ion:117 Resp: 10079
Ion Ratio Lower Upper
117 100
119 4.9 76.6 115.0#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 2.715 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

Tgt Ion: 41 Resp: 3050
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 46.6 48.2 72.2#

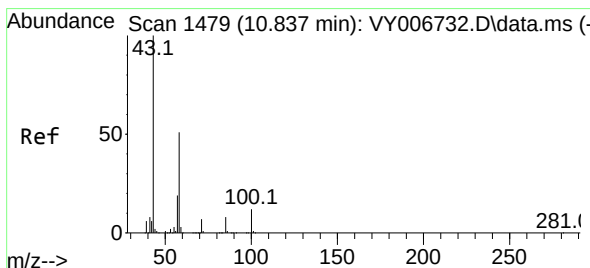
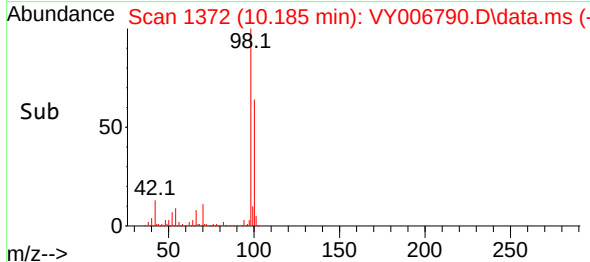
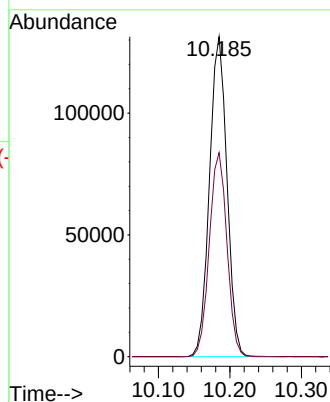
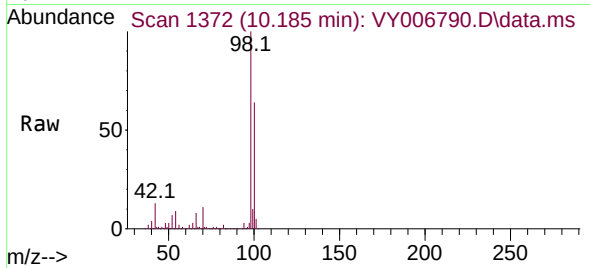




#50
Toluene-d8
Concen: 50.424 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

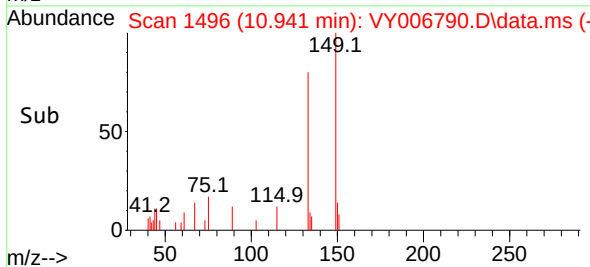
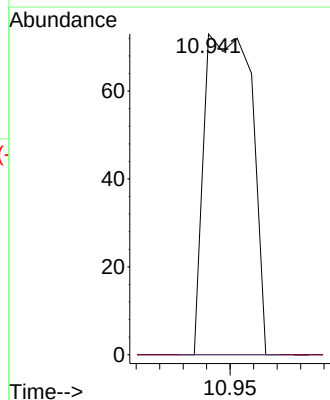
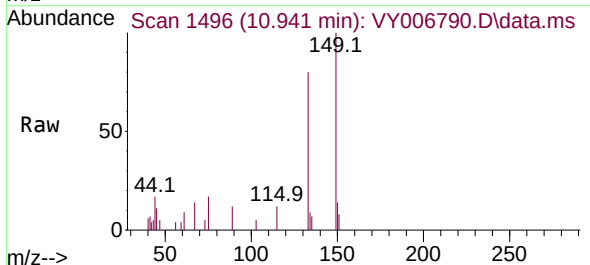
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

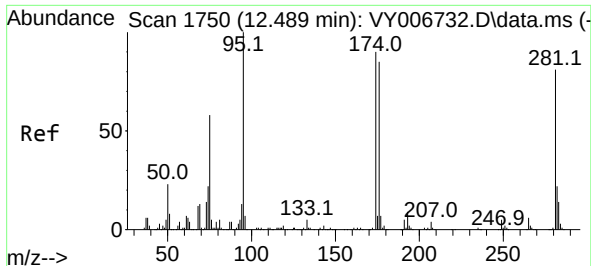
Tgt Ion: 98 Resp: 222906
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3



#59
2-Hexanone
Concen: 23.917 ug/l
RT: 10.941 min Scan# 1496
Delta R.T. 0.104 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

Tgt Ion: 43 Resp: 102
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

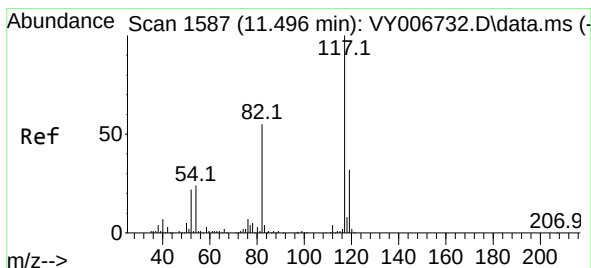
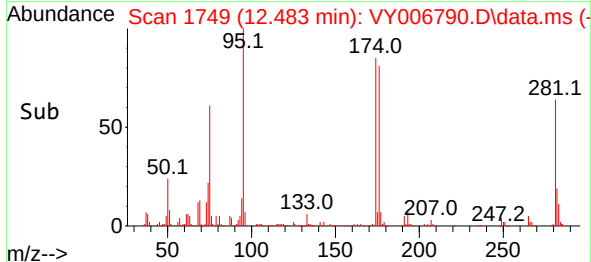
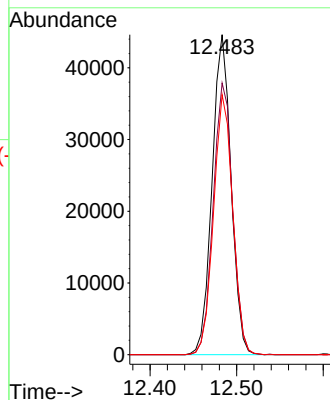
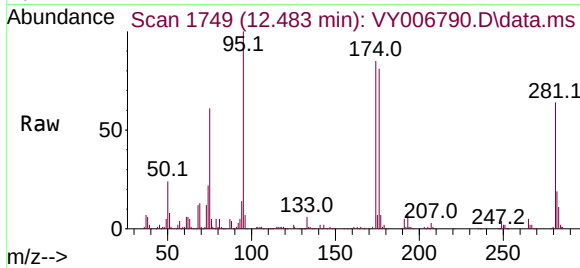




#62
4-Bromofluorobenzene
Concen: 45.495 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

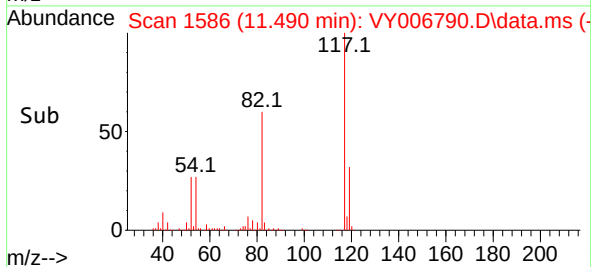
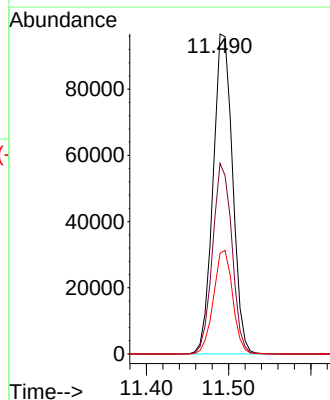
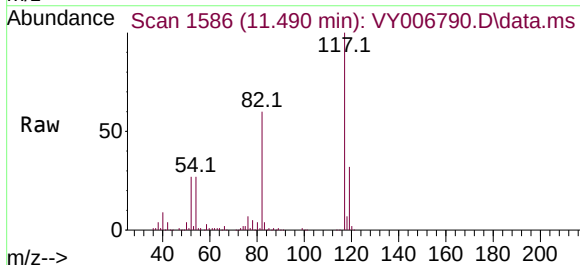
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

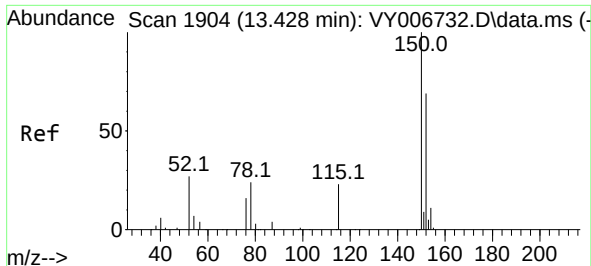
Tgt Ion: 95 Resp: 67801
Ion Ratio Lower Upper
95 100
174 87.1 0.0 177.0
176 82.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

Tgt Ion: 117 Resp: 159529
Ion Ratio Lower Upper
117 100
82 59.5 45.7 68.5
119 31.5 25.5 38.3

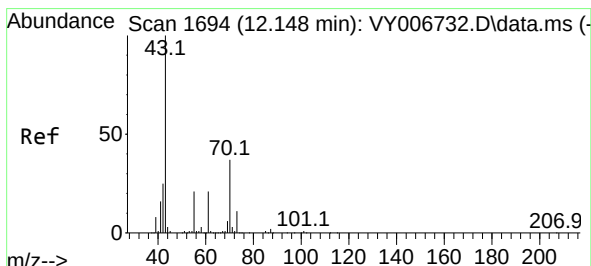
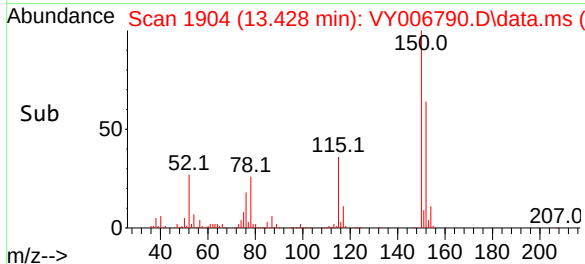
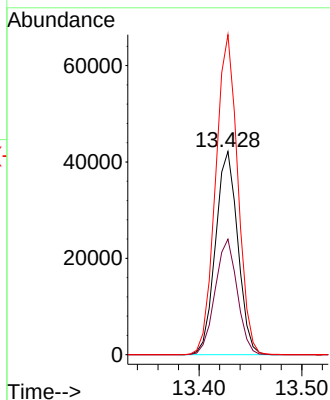
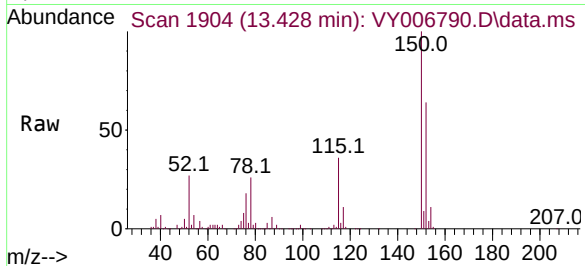




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

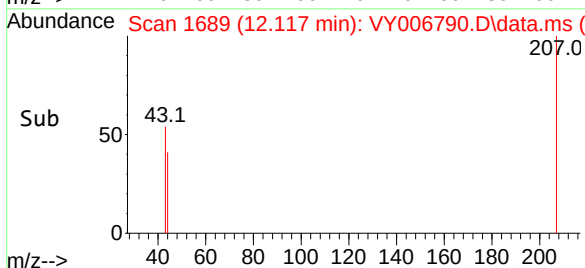
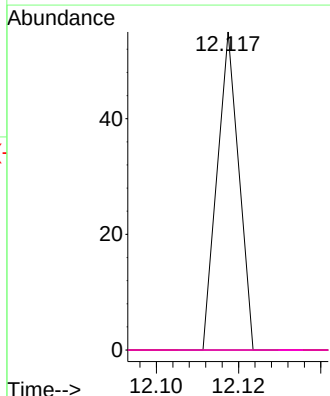
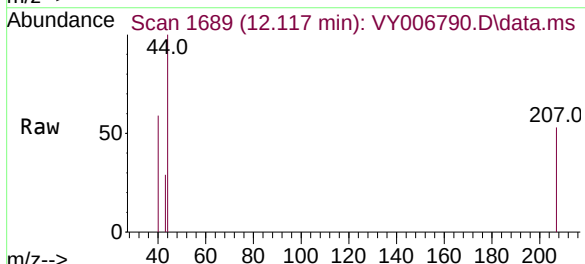
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

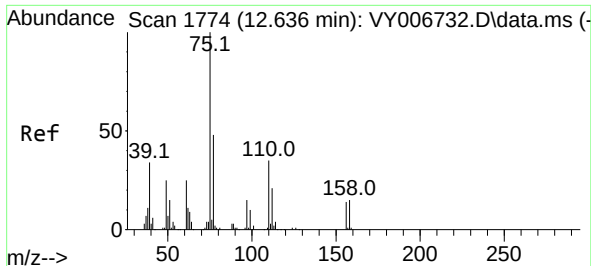
Tgt Ion:152 Resp: 63436
Ion Ratio Lower Upper
152 100
115 56.5 28.5 85.5
150 156.5 0.0 348.2



#74
N-ethyl acetate
Concen: 3.166 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.031 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#

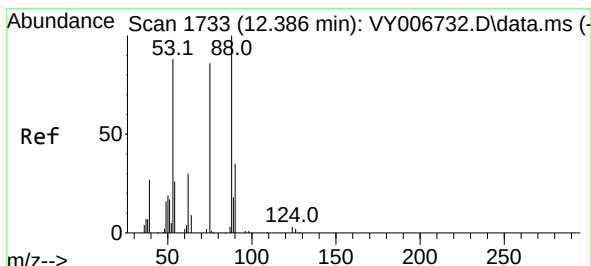
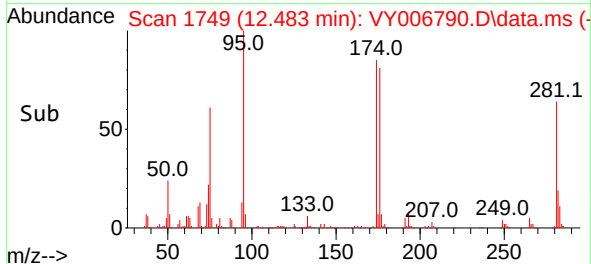
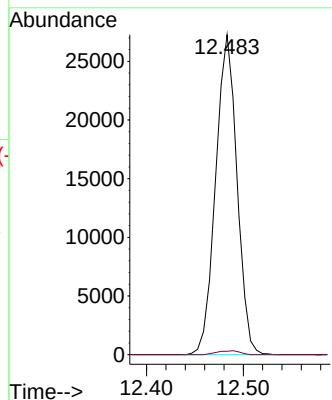
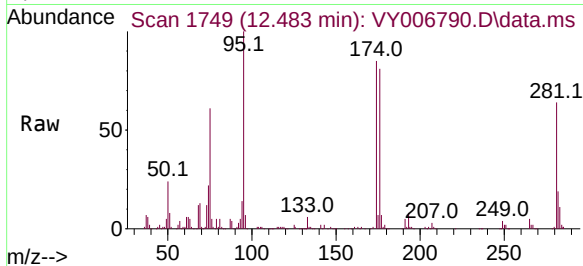




#76
1,2,3-Trichloropropane
Concen: 60.510 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

Tgt Ion: 75 Resp: 41733
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.898 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006790.D
Acq: 17 Nov 2021 15:55

Tgt Ion: 75 Resp: 41733
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.6 39.3 58.9#

