

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006791.D
 Acq On : 17 Nov 2021 16:18
 Operator : SY/MD
 Sample : M4674-07RE
 Misc : 5.05G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MF-SOIL-P4

Quant Time: Nov 18 03:02:44 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)

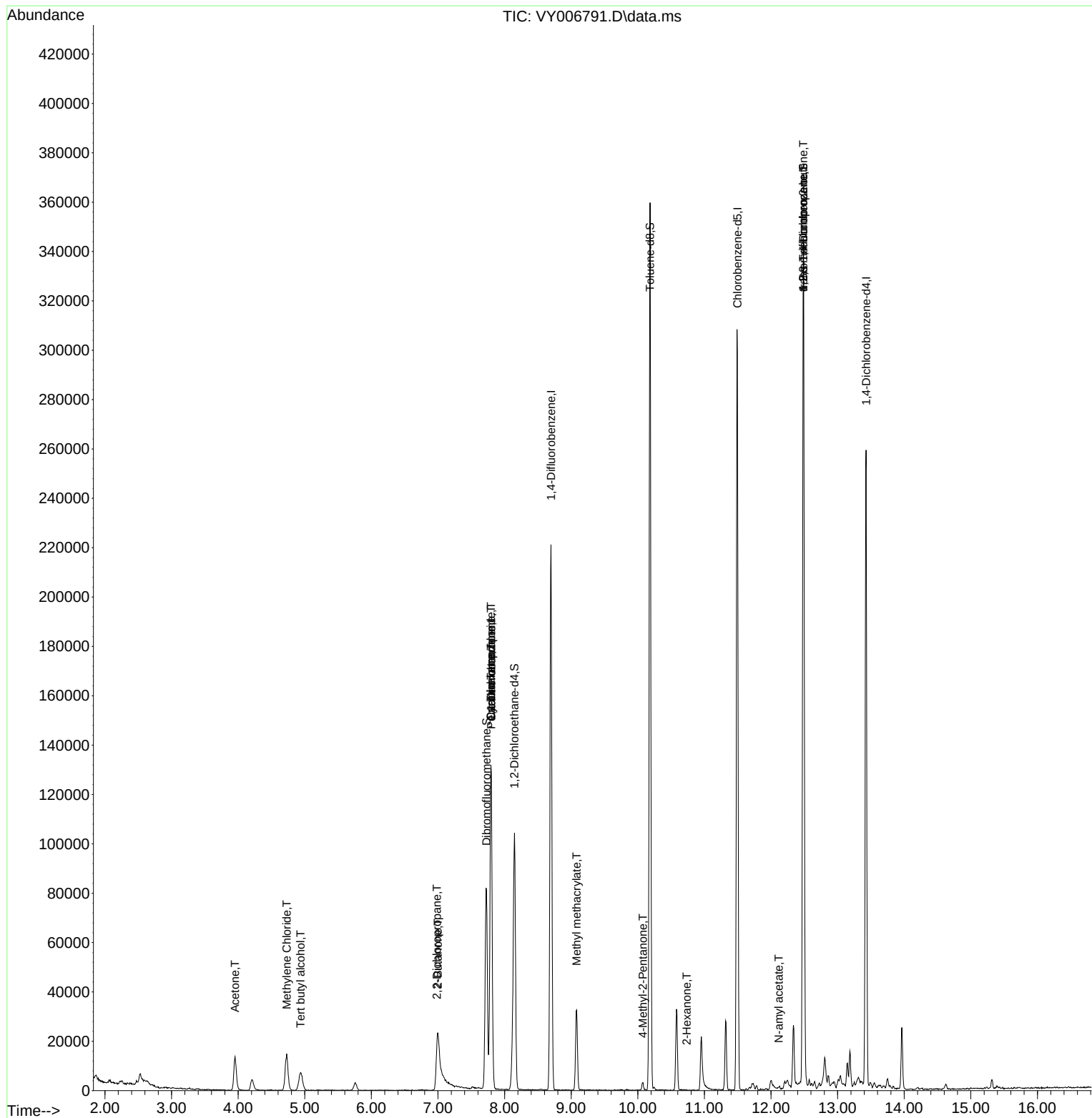
Internal Standards						
1) Pentafluorobenzene	7.801	168	100533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	61403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77890	59.115	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.220%	
35) Dibromofluoromethane	7.728	113	54708	51.941	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.880%	
50) Toluene-d8	10.185	98	216913	49.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.540%	
62) 4-Bromofluorobenzene	12.483	95	67639	46.032	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	8802	44.420	ug/l #	73
16) Acetone	3.954	43	23754	59.337	ug/l	95
20) Methylene Chloride	4.729	84	9763	5.095	ug/l	97
25) 2-Butanone	6.996	43	2537	15.658	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	2131	1.068	ug/l #	55
31) Cyclohexane	7.795	56	2633	1.137	ug/l #	39
36) 1,1-Dichloropropene	7.795	75	9251	4.963	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10122	5.309	ug/l #	15
48) Methyl methacrylate	9.081	41	8547	7.717	ug/l #	41
51) 4-Methyl-2-Pentanone	10.075	43	2183	1.773	ug/l	97
59) 2-Hexanone	10.734	43	20	23.836	ug/l #	28
74) N-amyl acetate	12.117	43	420	3.388	ug/l #	66
76) 1,2,3-Trichloropropane	12.483	75	40866	61.215	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40866	121.295	ug/l #	7

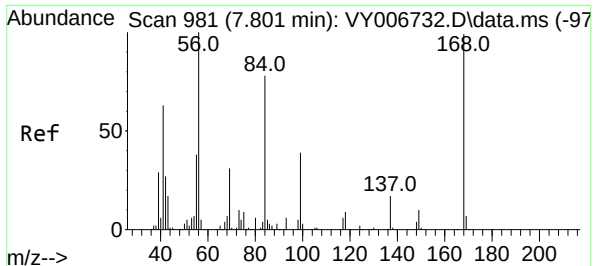
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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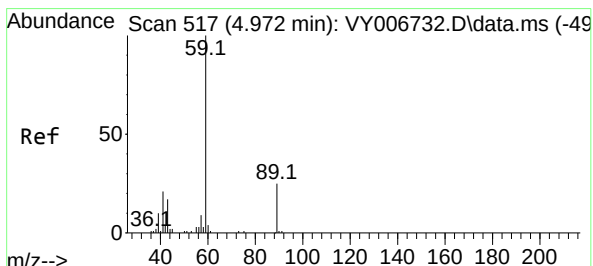
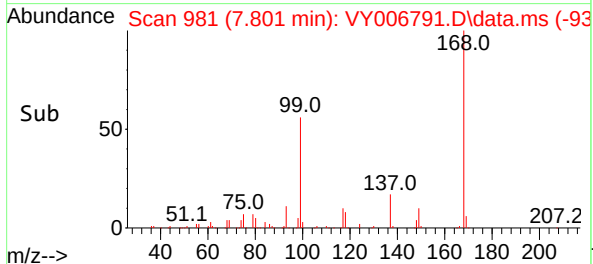
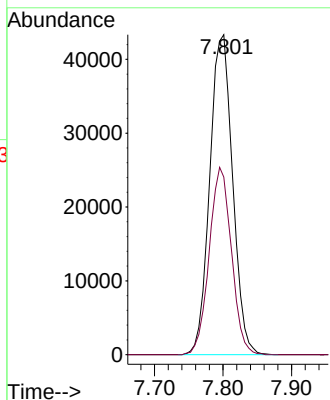
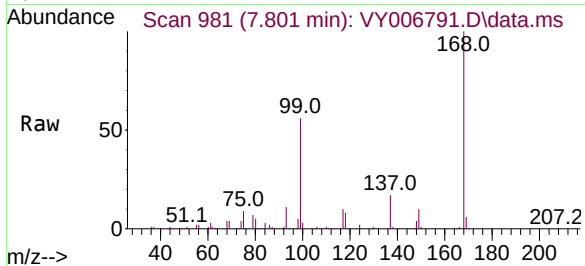




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

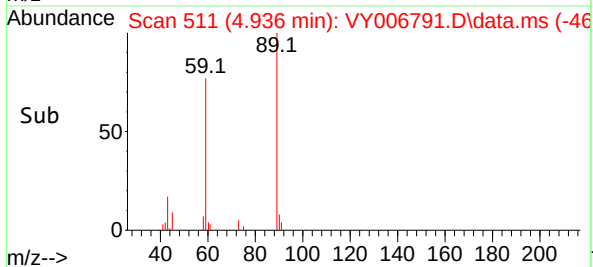
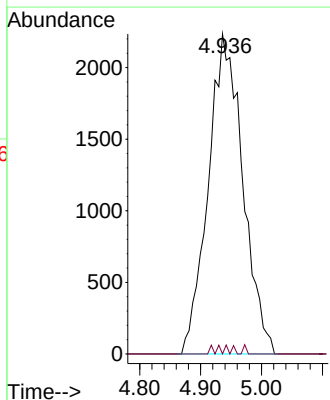
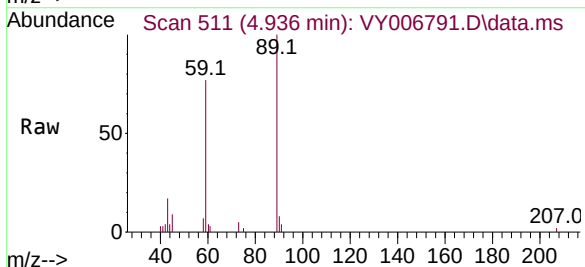
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

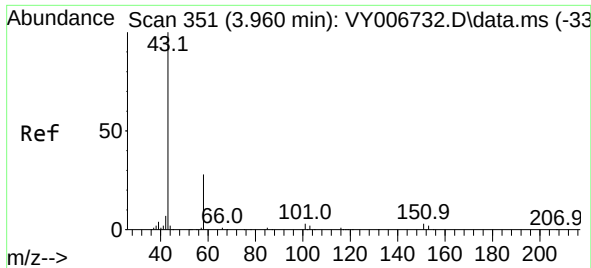
Tgt Ion:168 Resp: 100533
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#11
Tert butyl alcohol
Concen: 44.420 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.036 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Tgt Ion: 59 Resp: 8802
Ion Ratio Lower Upper
59 100
57 0.2 8.2 12.4#





#16

Acetone

Concen: 59.337 ug/l

RT: 3.954 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY006791.D

Acq: 17 Nov 2021 16:18

Instrument :

MSVOA_Y

ClientSampleId :

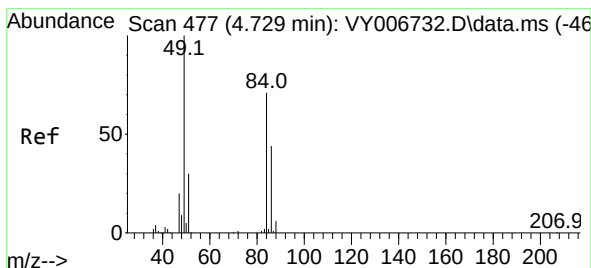
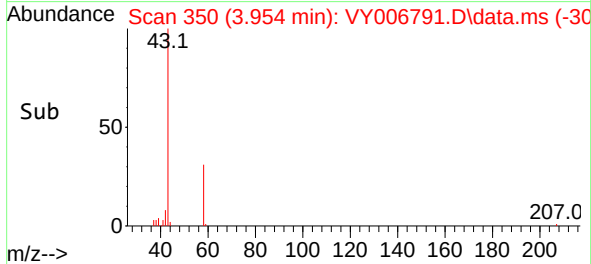
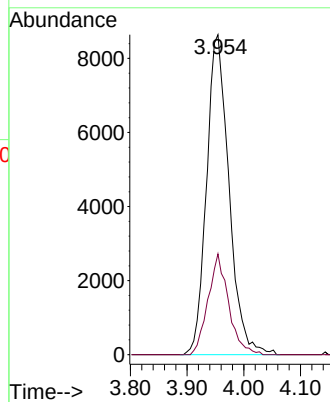
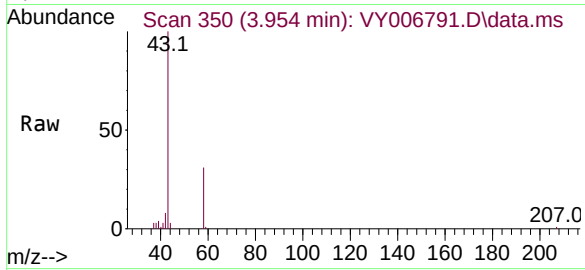
MF-SOIL-P4

Tgt Ion: 43 Resp: 23754

Ion Ratio Lower Upper

43 100

58 31.5 22.9 34.3



#20

Methylene Chloride

Concen: 5.095 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY006791.D

Acq: 17 Nov 2021 16:18

Tgt Ion: 84 Resp: 9763

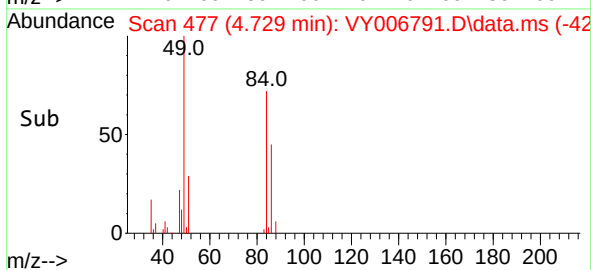
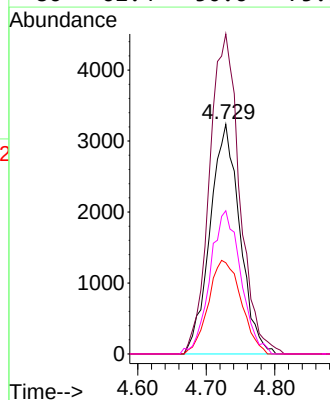
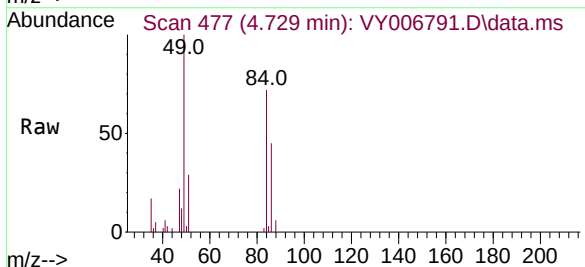
Ion Ratio Lower Upper

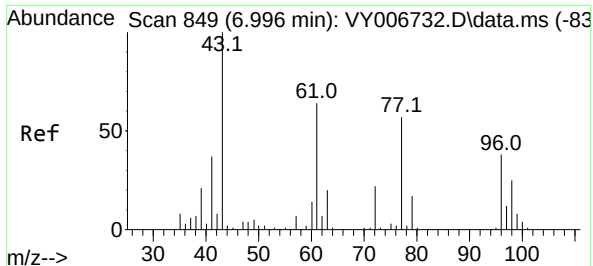
84 100

49 139.3 107.8 161.8

51 39.7 32.8 49.2

86 62.4 50.6 75.8





#25

2-Butanone

Concen: 15.658 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006791.D

Acq: 17 Nov 2021 16:18

Instrument :

MSVOA_Y

ClientSampleId :

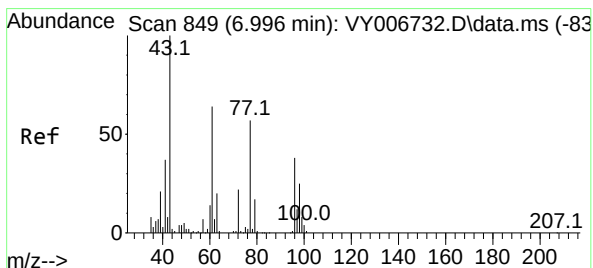
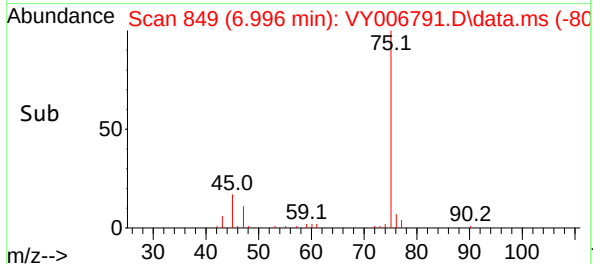
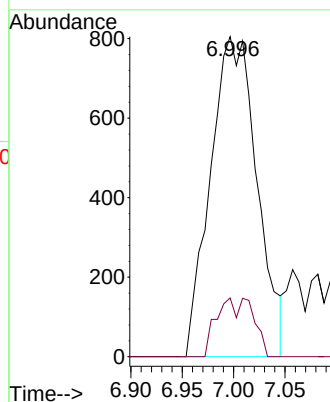
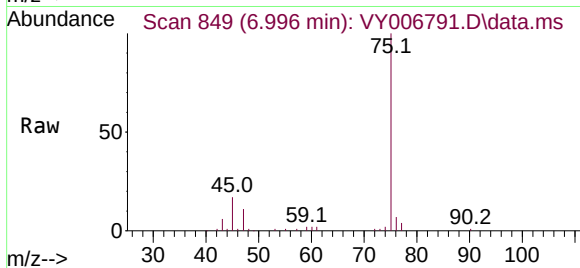
MF-SOIL-P4

Tgt Ion: 43 Resp: 2537

Ion Ratio Lower Upper

43 100

72 18.4 18.9 28.3#



#26

2,2-Dichloropropane

Concen: 1.068 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY006791.D

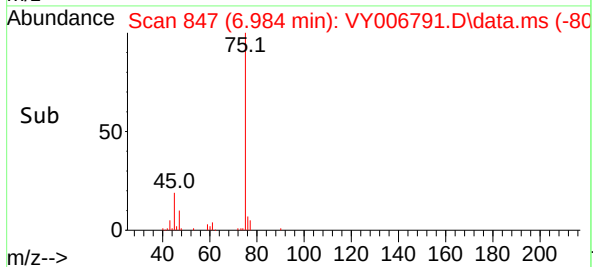
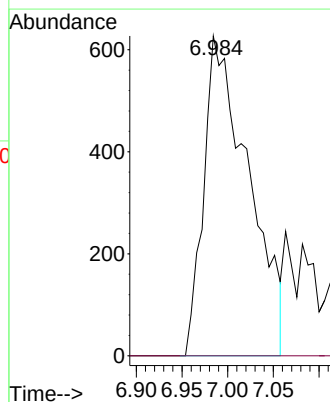
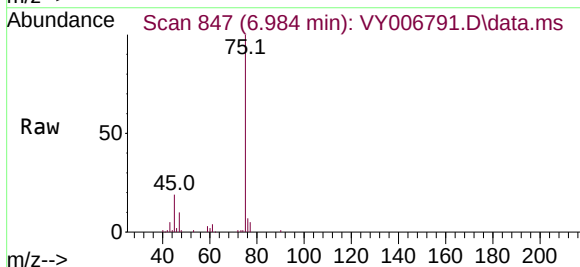
Acq: 17 Nov 2021 16:18

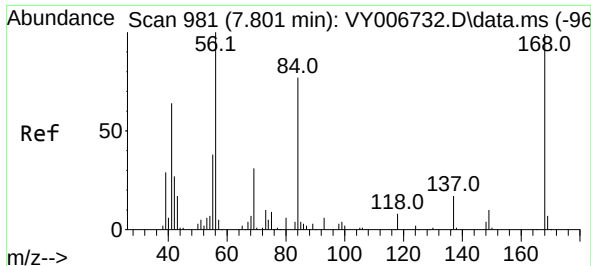
Tgt Ion: 77 Resp: 2131

Ion Ratio Lower Upper

77 100

97 0.0 10.6 31.8#

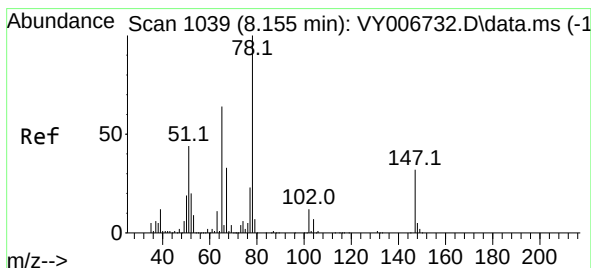
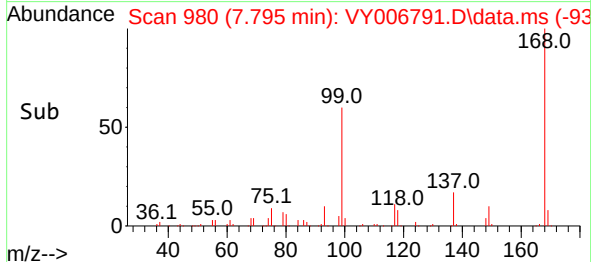
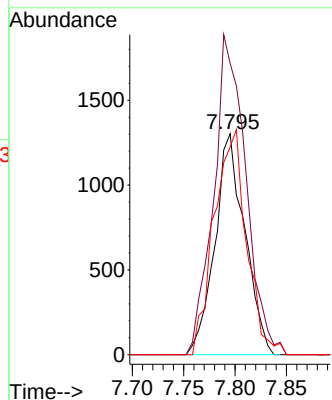
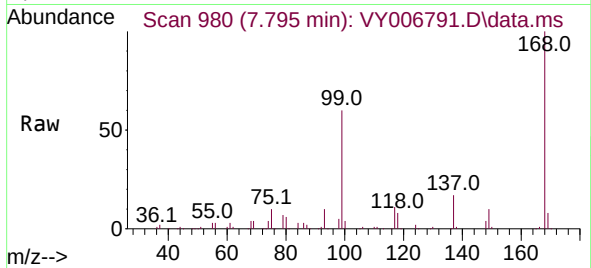




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

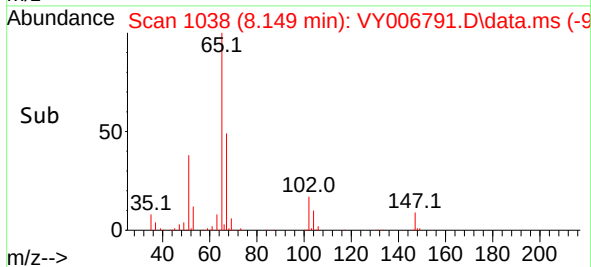
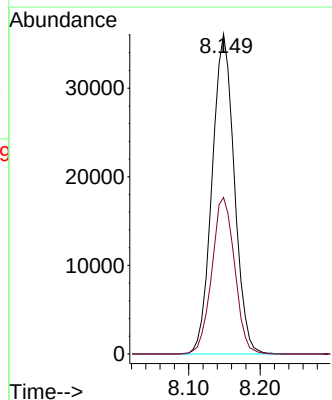
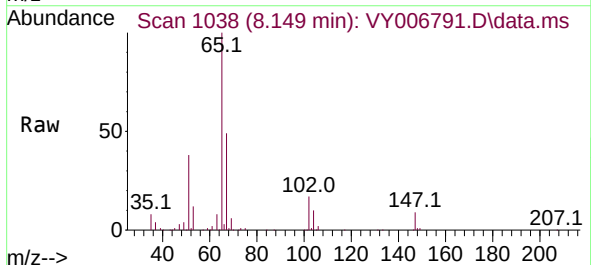
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MF-SOIL-P4

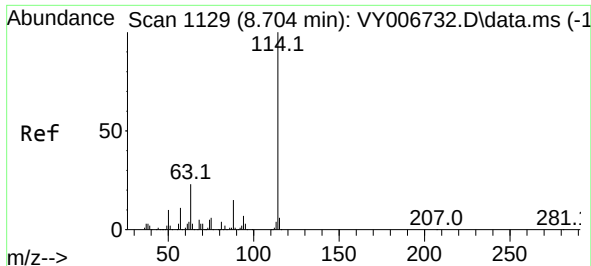
Tgt Ion: 56 Resp: 2633
Ion Ratio Lower Upper
56 100
69 131.8 26.6 40.0#
84 93.9 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 59.115 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Tgt Ion: 65 Resp: 77890
Ion Ratio Lower Upper
65 100
67 50.2 0.0 98.2

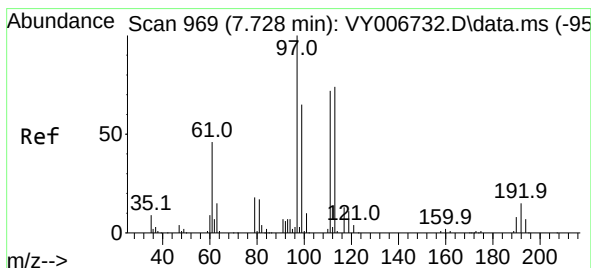
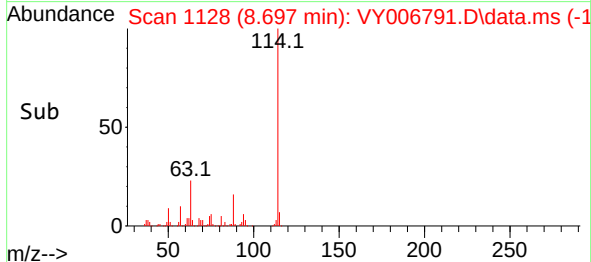
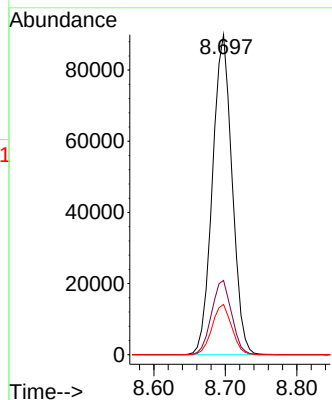
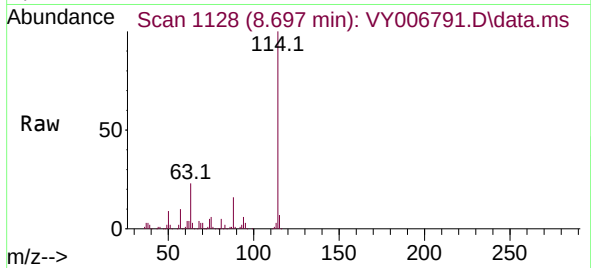




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

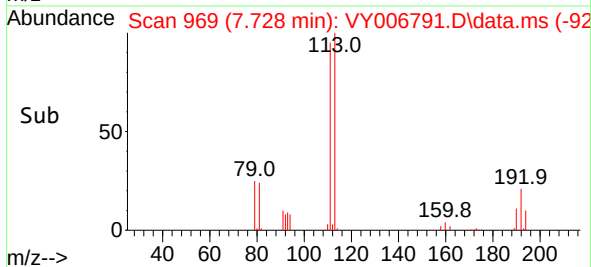
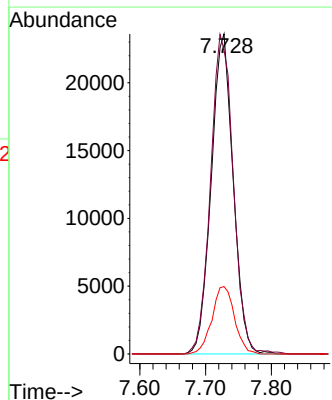
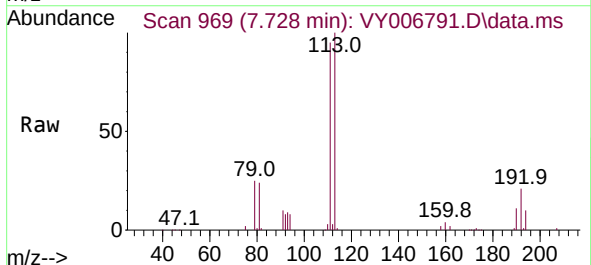
Instrument :
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ClientSampleId :
MF-SOIL-P4

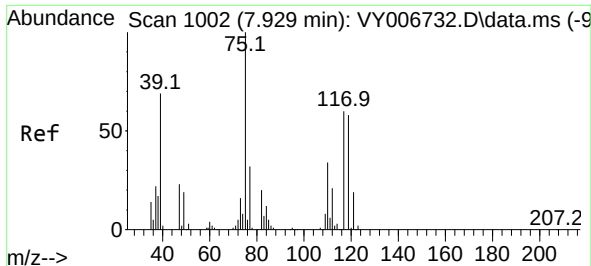
Tgt Ion:114 Resp: 171476
Ion Ratio Lower Upper
114 100
63 23.2 0.0 45.0
88 15.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.941 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Tgt Ion:113 Resp: 54708
Ion Ratio Lower Upper
113 100
111 103.8 82.3 123.5
192 21.7 17.4 26.2

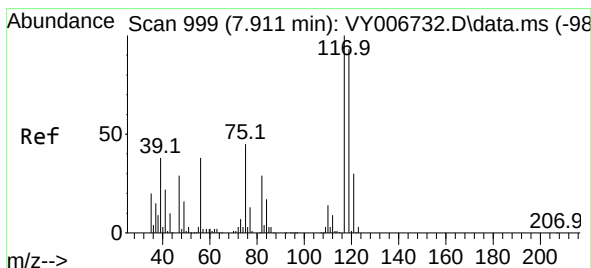
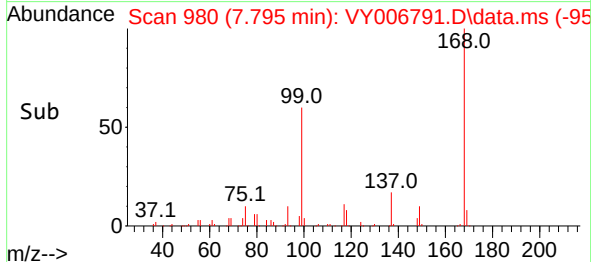
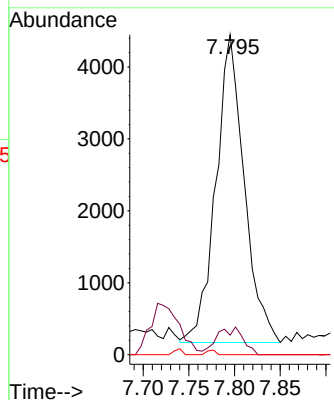
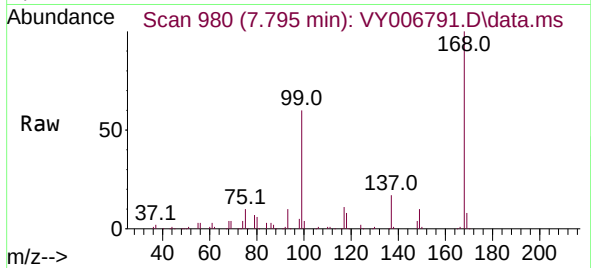




#36
 1,1-Dichloropropene
 Concen: 4.963 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.134 min
 Lab File: VY006791.D
 Acq: 17 Nov 2021 16:18

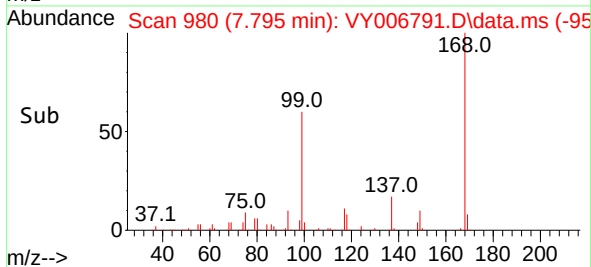
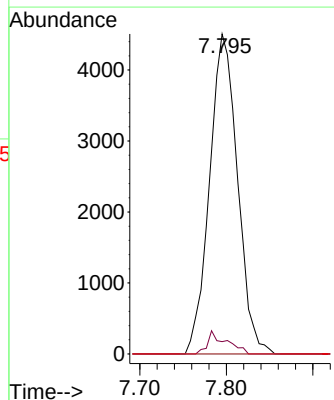
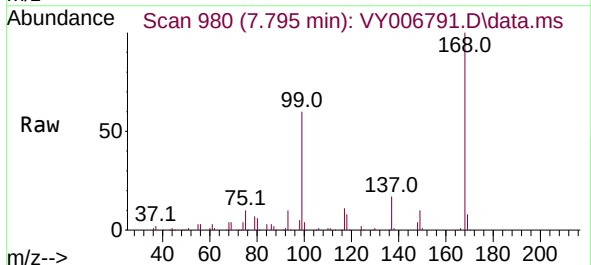
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 ClientSampleId :
 MF-SOIL-P4

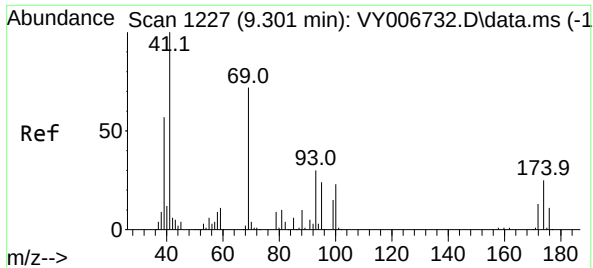
Tgt Ion: 75 Resp: 9251
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.1 51.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.309 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.116 min
 Lab File: VY006791.D
 Acq: 17 Nov 2021 16:18

Tgt Ion: 117 Resp: 10122
 Ion Ratio Lower Upper
 117 100
 119 3.9 76.6 115.0#
 121 0.0 24.7 37.1#

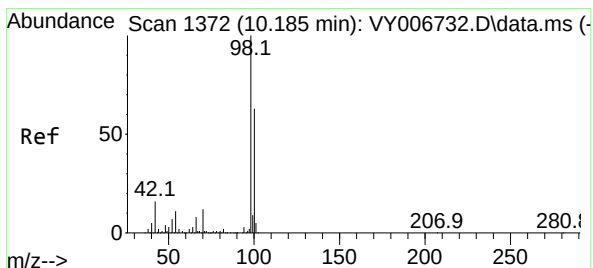
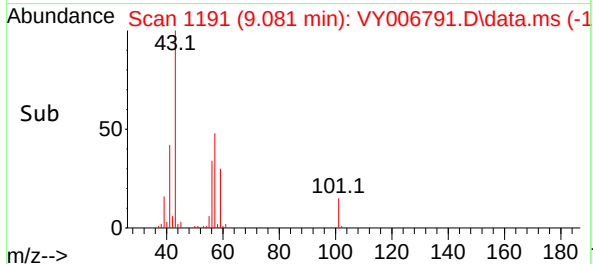
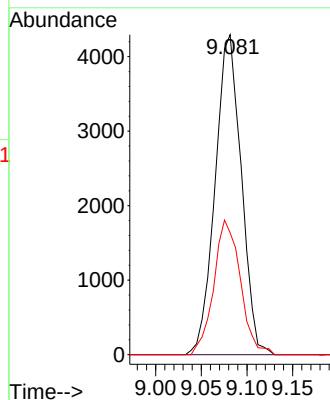
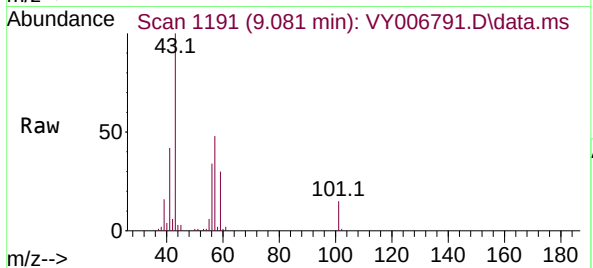




#48
Methyl methacrylate
Concen: 7.717 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

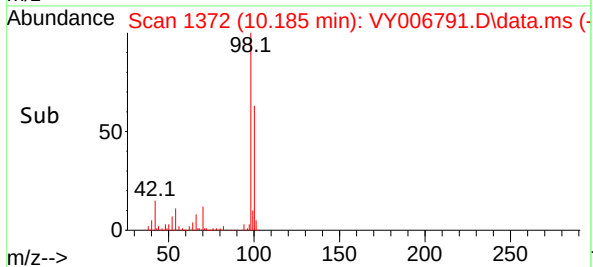
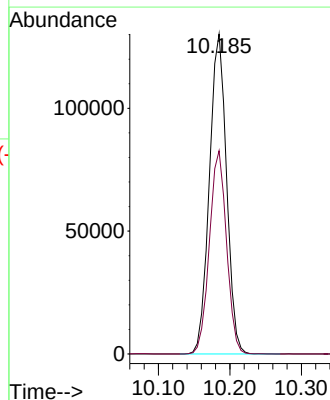
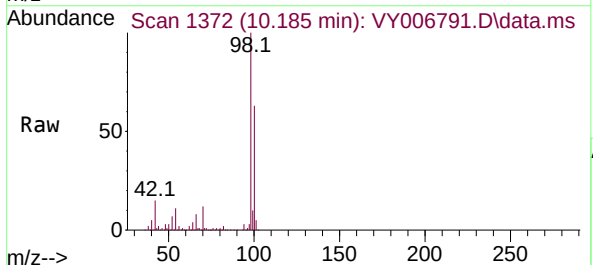
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

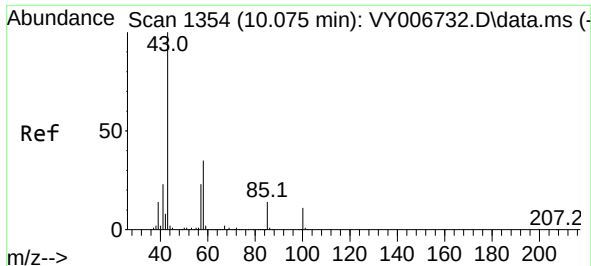
Tgt Ion: 41 Resp: 8547
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 42.7 48.2 72.2#



#50
Toluene-d8
Concen: 49.767 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Tgt Ion: 98 Resp: 216913
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

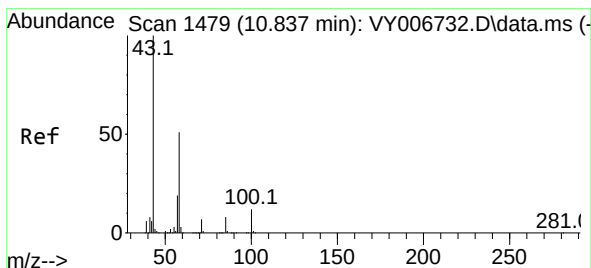
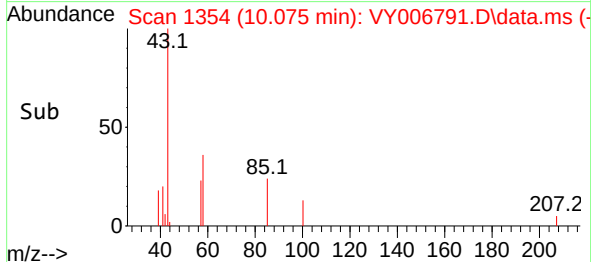
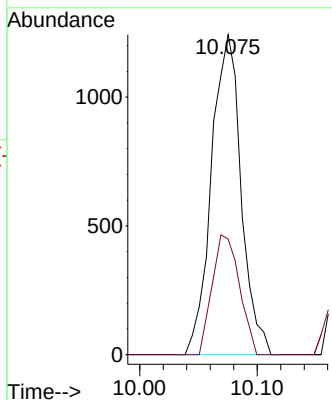
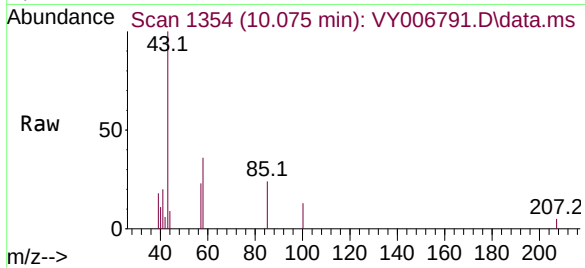




#51
4-Methyl-2-Pentanone
Concen: 1.773 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

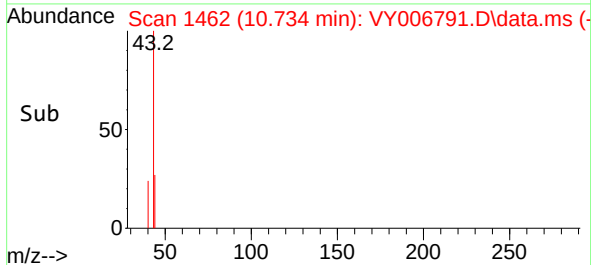
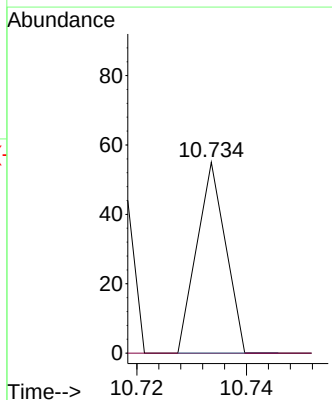
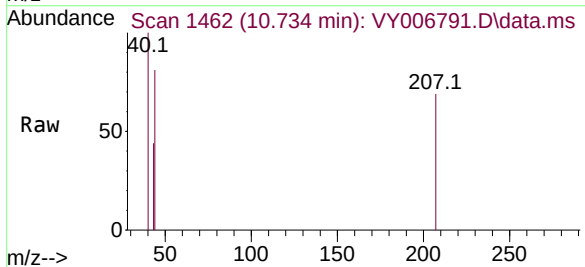
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

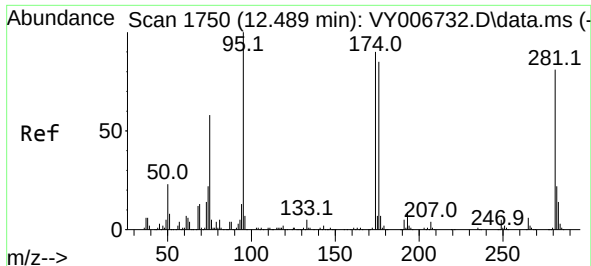
Tgt Ion: 43 Resp: 2183
Ion Ratio Lower Upper
43 100
58 34.3 28.7 43.1



#59
2-Hexanone
Concen: 23.836 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.103 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

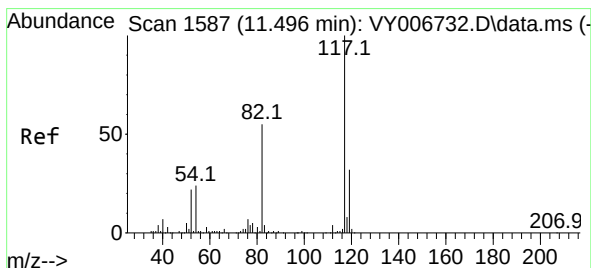
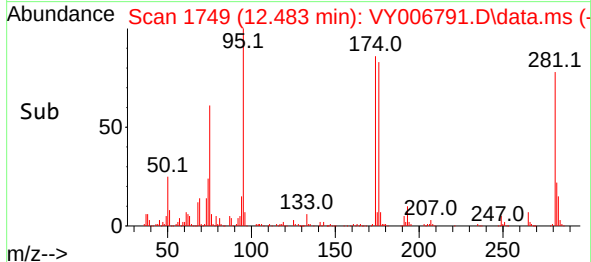
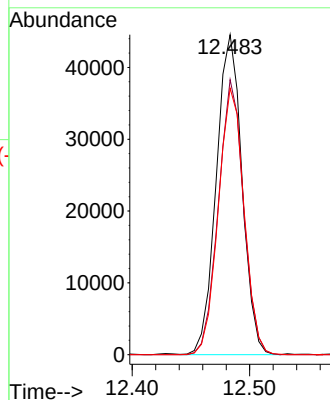
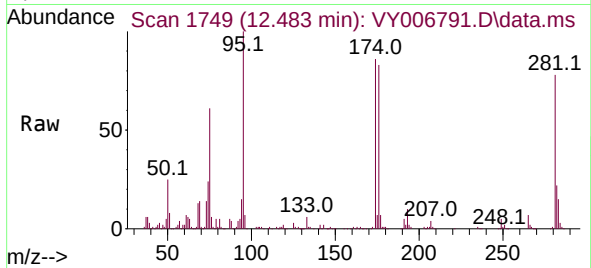




#62
4-Bromofluorobenzene
Concen: 46.032 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

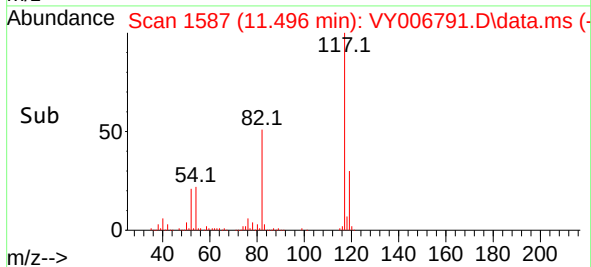
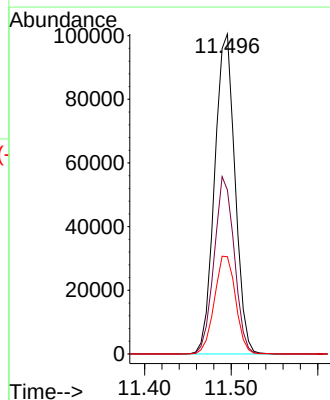
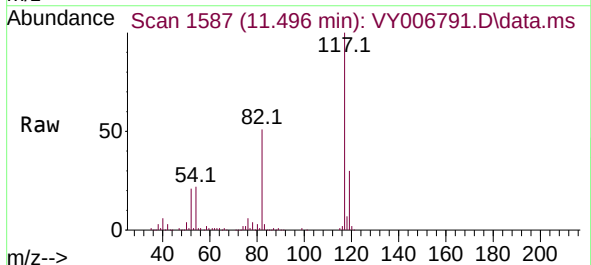
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

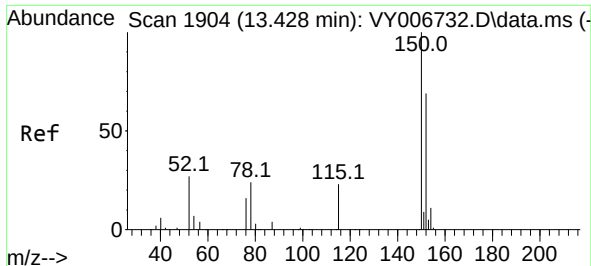
Tgt Ion: 95 Resp: 67639
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 83.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Tgt Ion: 117 Resp: 164238
Ion Ratio Lower Upper
117 100
82 51.2 45.7 68.5
119 30.4 25.5 38.3

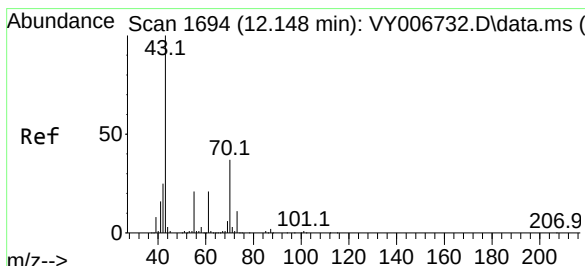
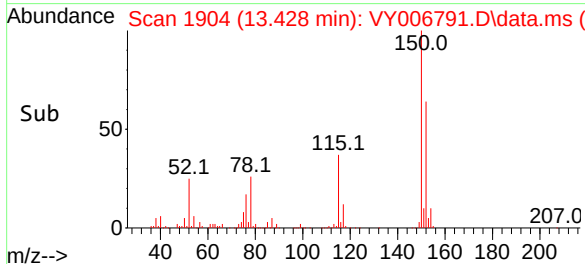
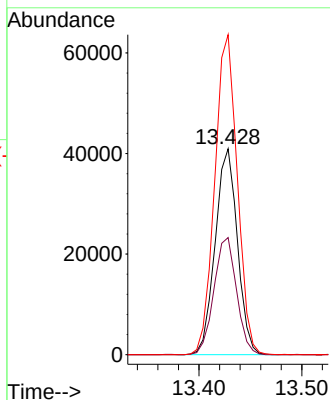
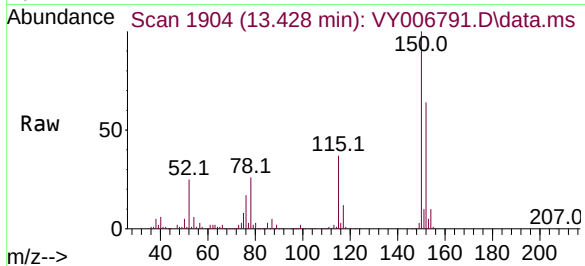




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

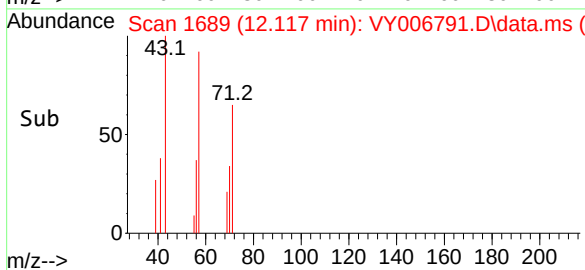
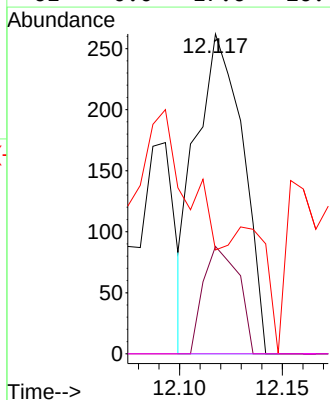
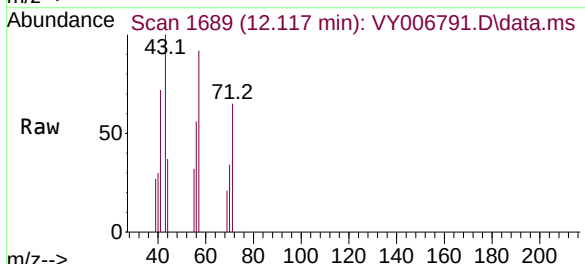
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

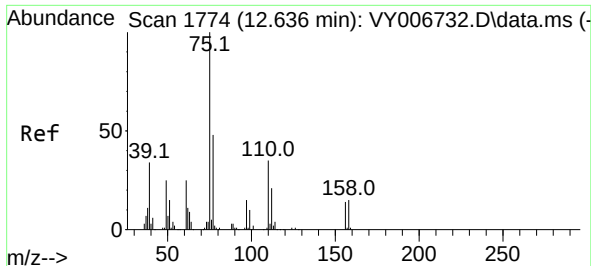
Tgt Ion:152 Resp: 61403
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.5
150 157.5 0.0 348.2



#74
N-ethyl acetate
Concen: 3.388 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.031 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Tgt Ion: 43 Resp: 420
Ion Ratio Lower Upper
43 100
70 25.0 29.4 44.0#
55 0.0 18.1 27.1#
61 0.0 17.6 26.4#

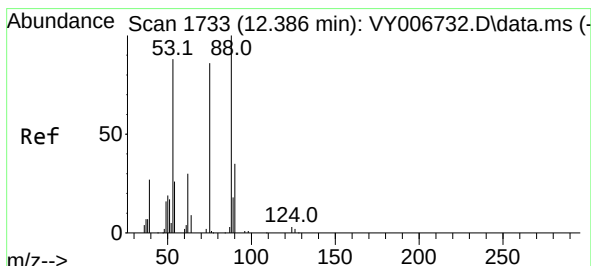
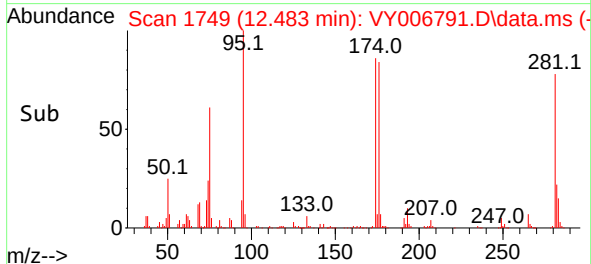
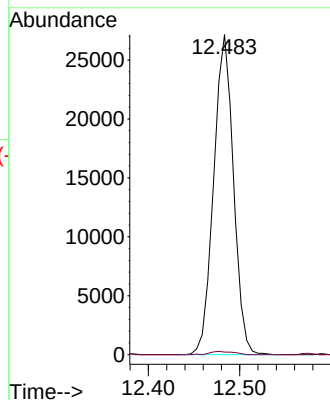
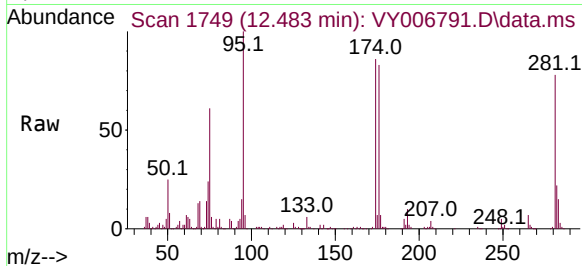




#76
1,2,3-Trichloropropane
Concen: 61.215 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

Tgt Ion: 75 Resp: 40866
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.295 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006791.D
Acq: 17 Nov 2021 16:18

Tgt Ion: 75 Resp: 40866
Ion Ratio Lower Upper
75 100
53 0.4 85.8 128.6#
89 0.8 39.3 58.9#

