

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
 Data File : VY006789.D
 Acq On : 17 Nov 2021 15:31
 Operator : SY/MD
 Sample : M4674-01RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MF-SOIL-P1

Quant Time: Nov 18 03:02:25 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)

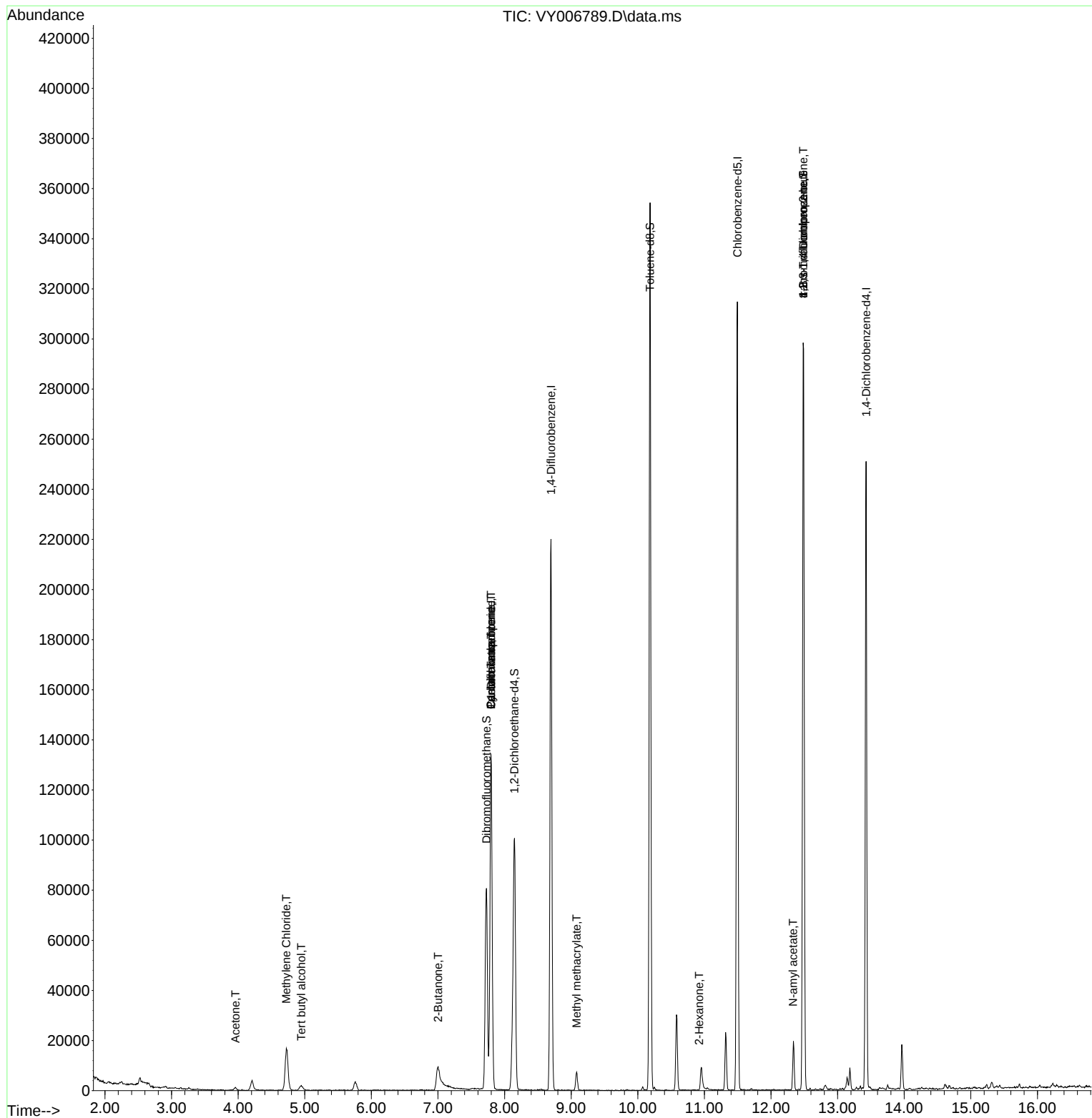
Internal Standards						
1) Pentafluorobenzene	7.795	168	99535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	156449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75556	57.918	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.840%			
35) Dibromofluoromethane	7.728	113	54660	52.206	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.420%			
50) Toluene-d8	10.185	98	217795	50.268	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.540%			
62) 4-Bromofluorobenzene	12.483	95	64437	44.115	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 88.240%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	2886	14.711	ug/l #	74
16) Acetone	3.960	43	1876	4.733	ug/l	99
20) Methylene Chloride	4.723	84	11607	6.858	ug/l	98
25) 2-Butanone	7.003	43	1180	13.454	ug/l #	52
31) Cyclohexane	7.795	56	2792	1.218	ug/l #	22
36) 1,1-Dichloropropene	7.795	75	9000	4.858	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10063	5.310	ug/l #	16
48) Methyl methacrylate	9.081	41	1881	1.709	ug/l #	38
59) 2-Hexanone	10.923	43	22	23.838	ug/l #	28
74) N-amyl acetate	12.331	43	548	3.474	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	39248	61.782	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	39248	122.420	ug/l #	7

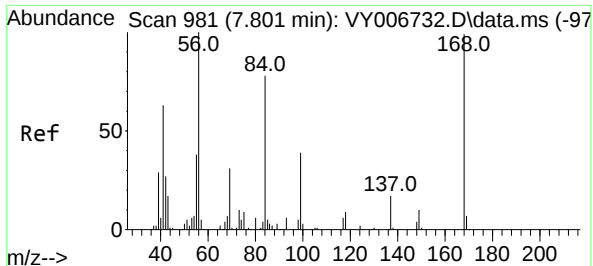
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111721\
Data File : VY006789.D
Acq On : 17 Nov 2021 15:31
Operator : SY/MD
Sample : M4674-01RE
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

Quant Time: Nov 18 03:02:25 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

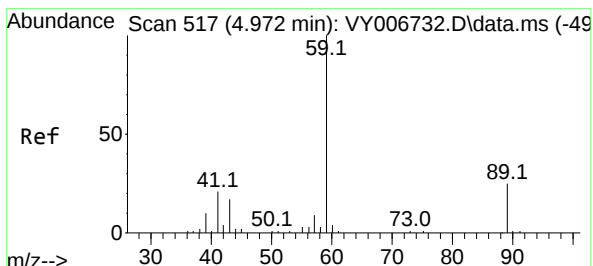
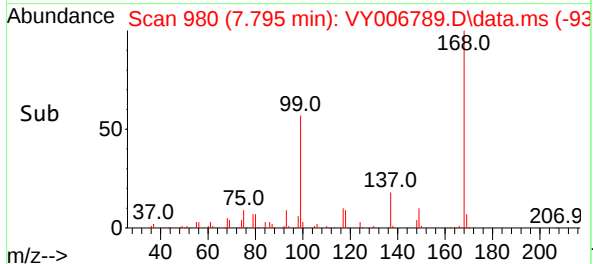
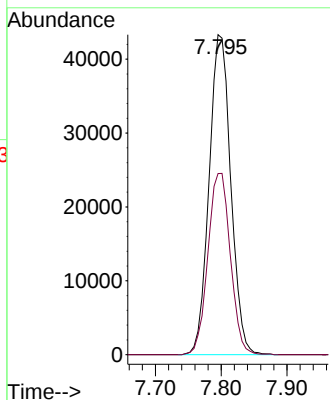
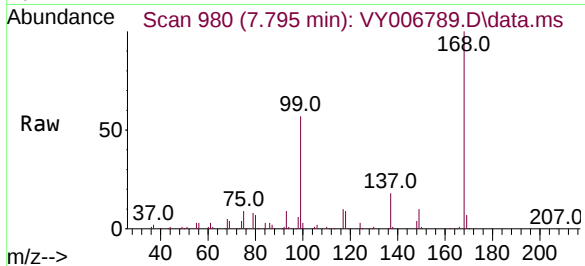




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

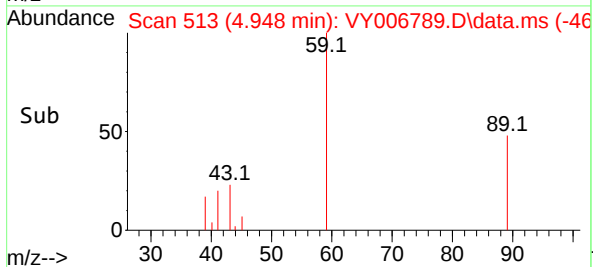
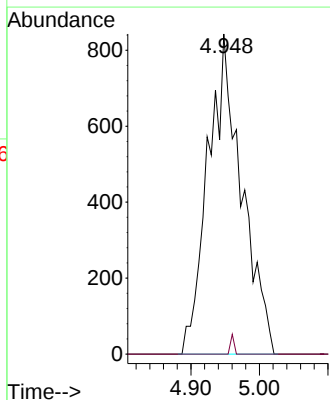
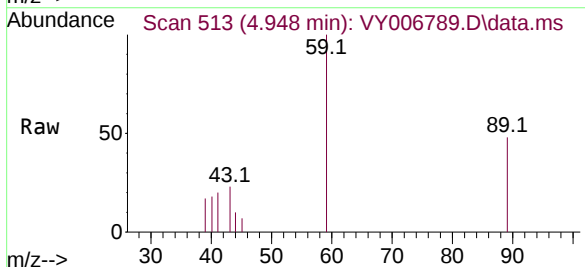
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

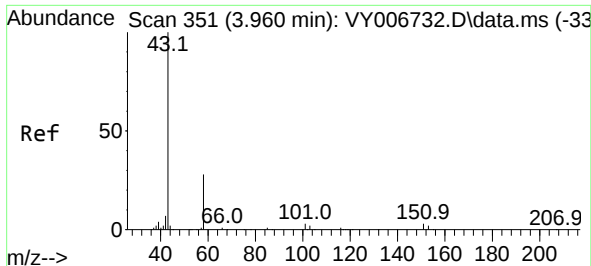
Tgt Ion:168 Resp: 99535
Ion Ratio Lower Upper
168 100
99 56.6 44.8 67.2



#11
Tert butyl alcohol
Concen: 14.711 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

Tgt Ion: 59 Resp: 2886
Ion Ratio Lower Upper
59 100
57 0.7 8.2 12.4#

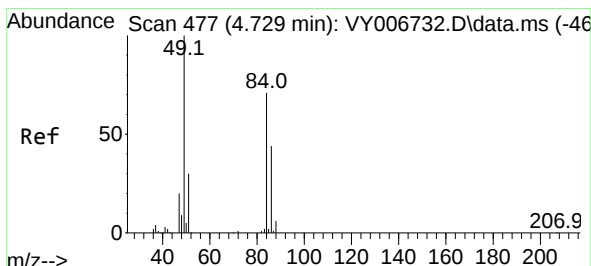
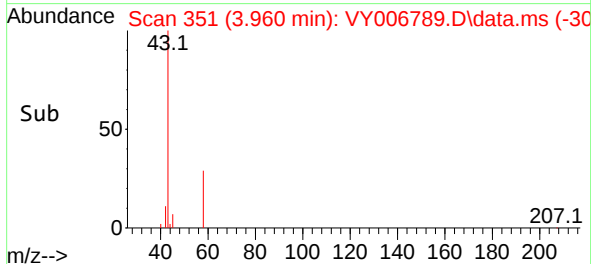
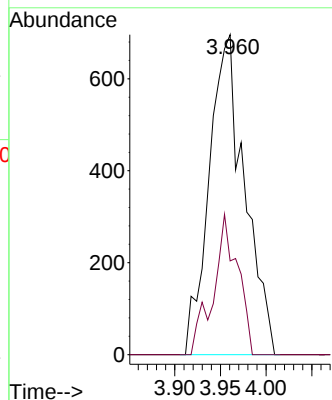
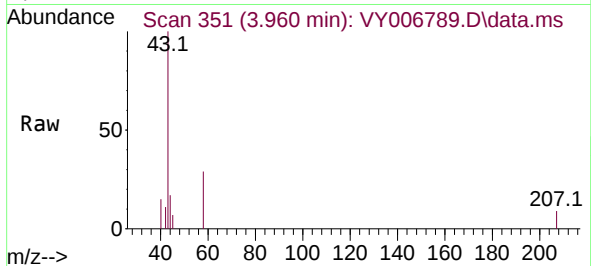




#16
Acetone
Concen: 4.733 ug/l
RT: 3.960 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

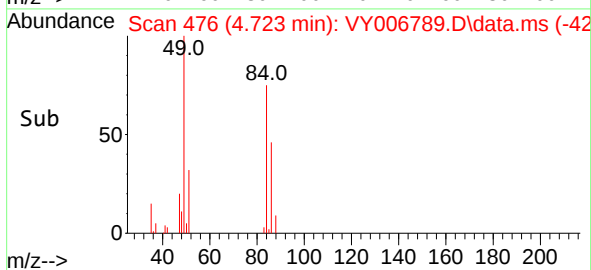
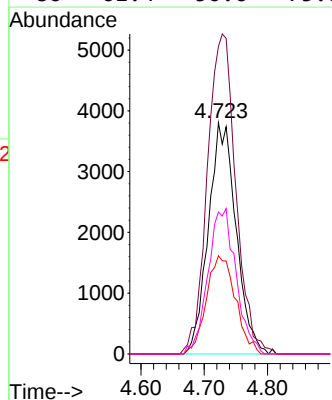
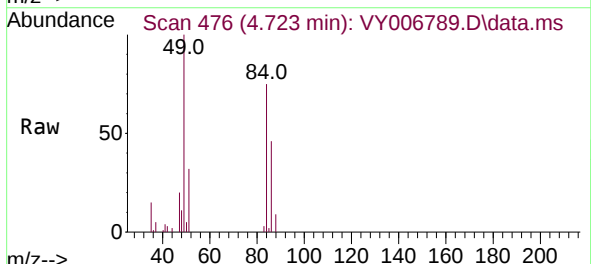
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

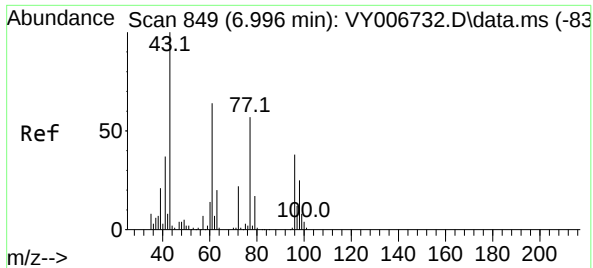
Tgt Ion: 43 Resp: 1876
Ion Ratio Lower Upper
43 100
58 29.3 22.9 34.3



#20
Methylene Chloride
Concen: 6.858 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

Tgt Ion: 84 Resp: 11607
Ion Ratio Lower Upper
84 100
49 132.9 107.8 161.8
51 42.5 32.8 49.2
86 61.4 50.6 75.8





#25

2-Butanone

Concen: 13.454 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.007 min

Lab File: VY006789.D

Acq: 17 Nov 2021 15:31

Instrument :

MSVOA_Y

ClientSampleId :

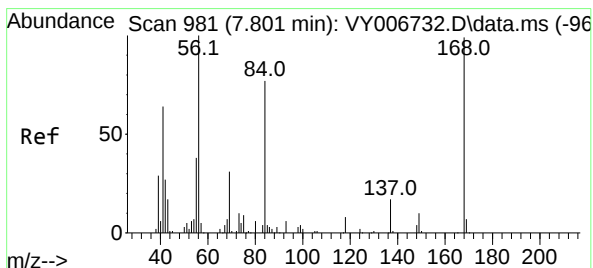
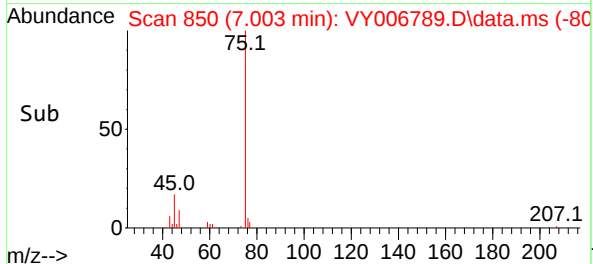
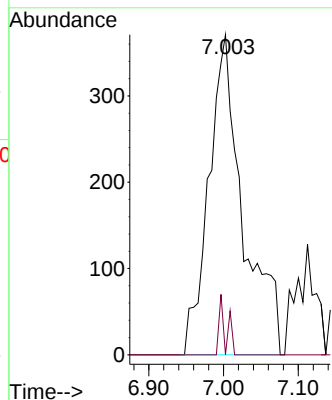
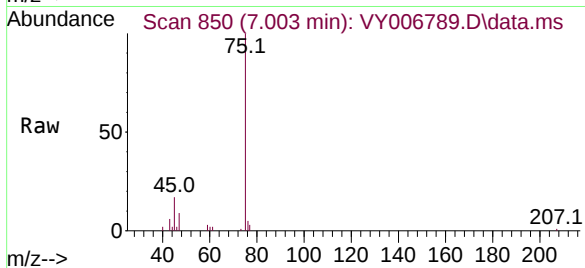
MF-SOIL-P1

Tgt Ion: 43 Resp: 1180

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.218 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006789.D

Acq: 17 Nov 2021 15:31

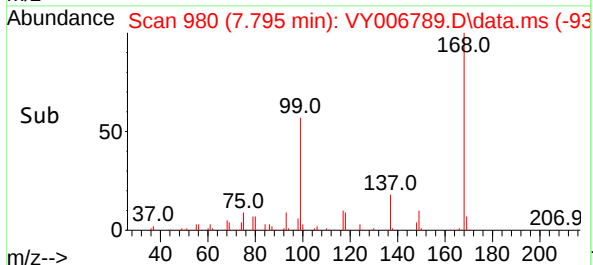
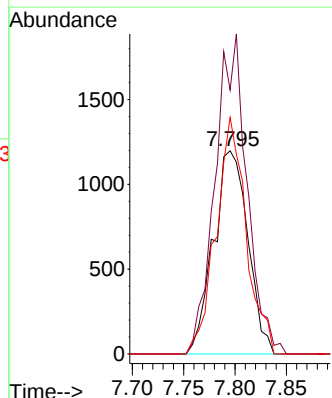
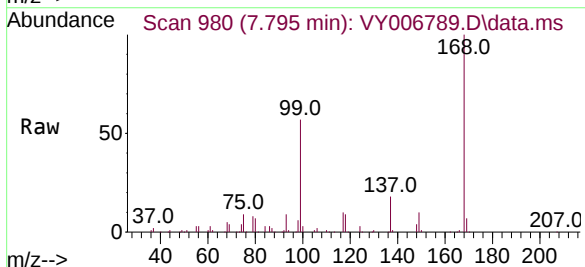
Tgt Ion: 56 Resp: 2792

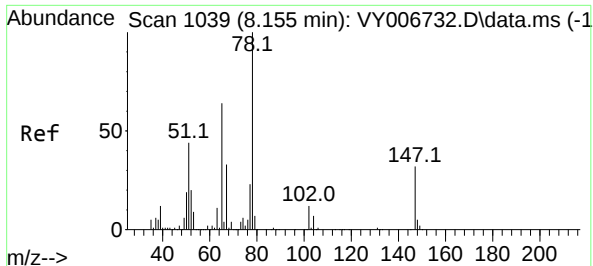
Ion Ratio Lower Upper

56 100

69 130.0 26.6 40.0#

84 116.4 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 57.918 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006789.D

Acq: 17 Nov 2021 15:31

Instrument :

MSVOA_Y

ClientSampleId :

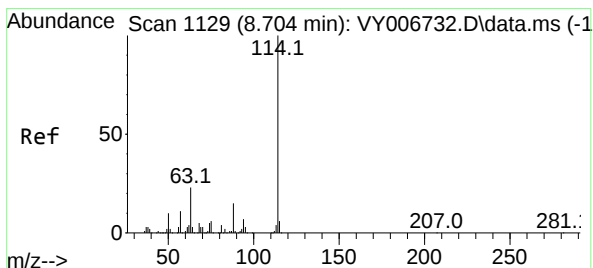
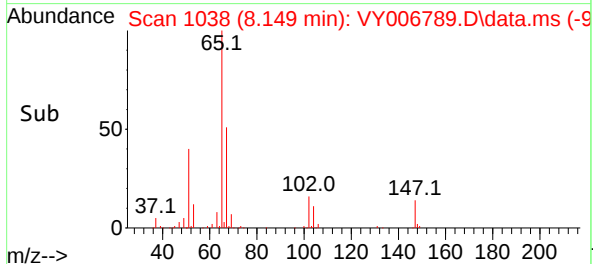
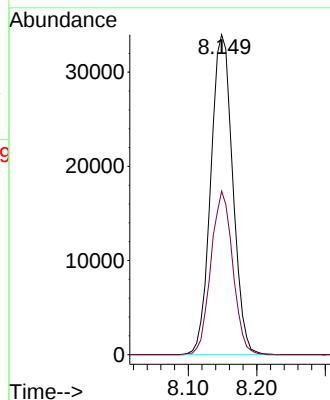
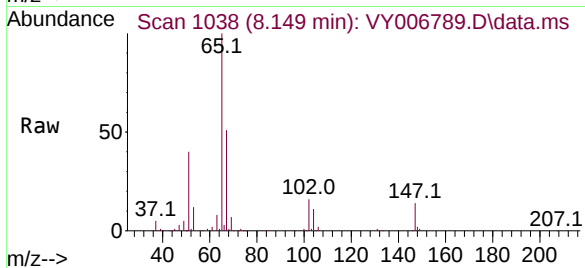
MF-SOIL-P1

Tgt Ion: 65 Resp: 75556

Ion Ratio Lower Upper

65 100

67 50.8 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: VY006789.D

Acq: 17 Nov 2021 15:31

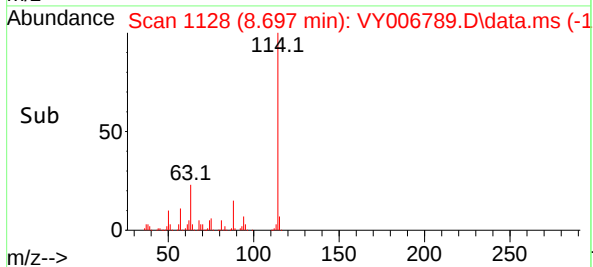
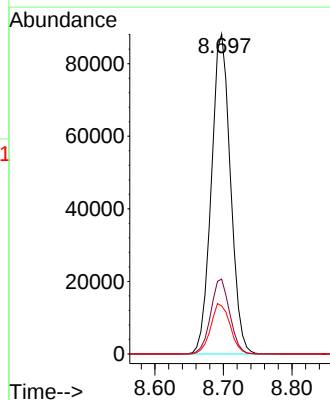
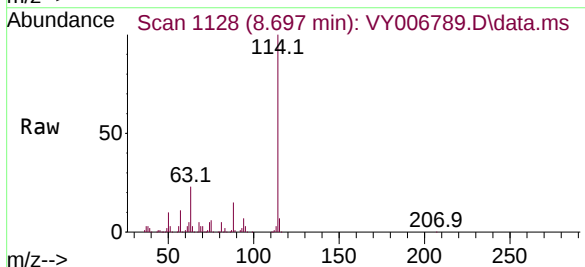
Tgt Ion: 114 Resp: 170457

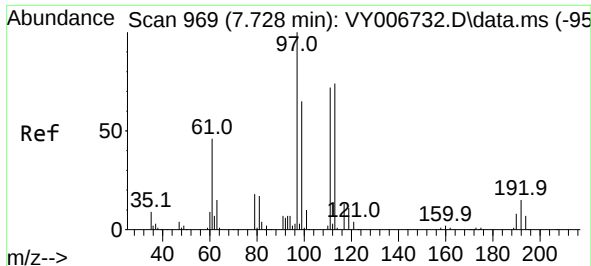
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.0

88 15.0 0.0 30.6

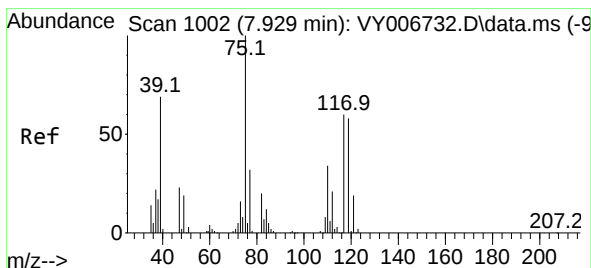
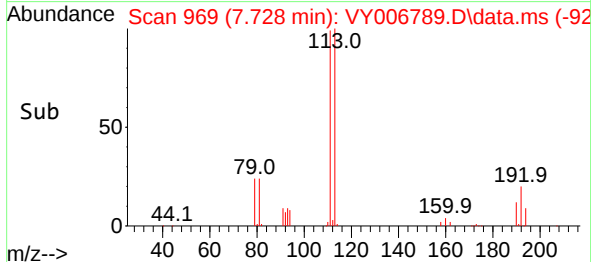
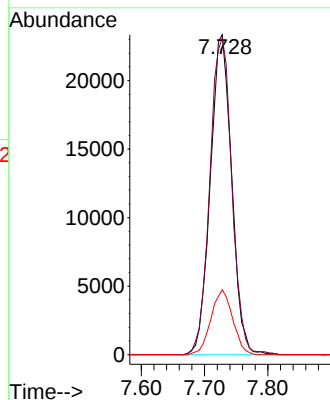
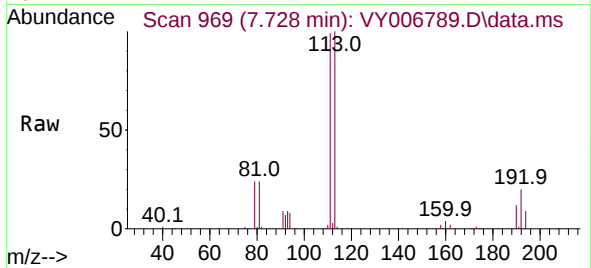




#35
Dibromofluoromethane
Concen: 52.206 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

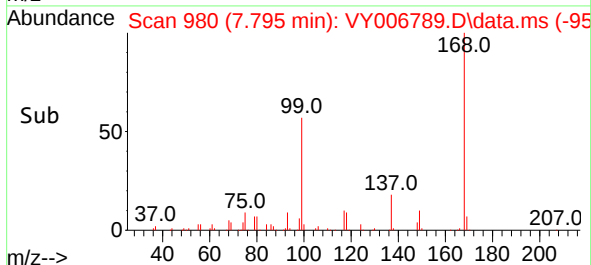
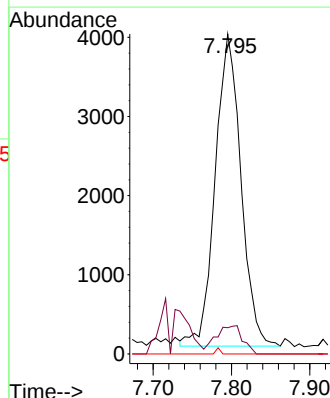
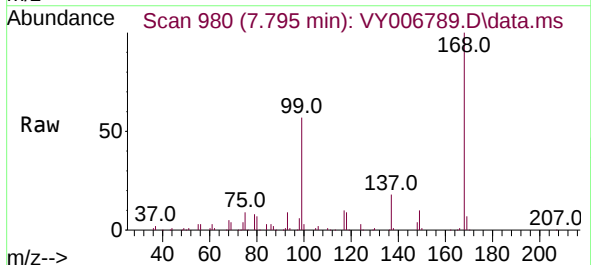
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

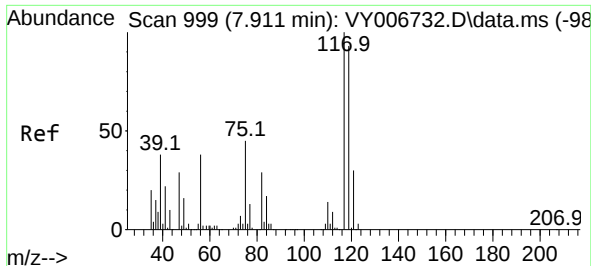
Tgt Ion:113 Resp: 54660
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 20.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 4.858 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

Tgt Ion: 75 Resp: 9000
Ion Ratio Lower Upper
75 100
110 9.4 17.1 51.3#
77 0.0 24.9 37.3#

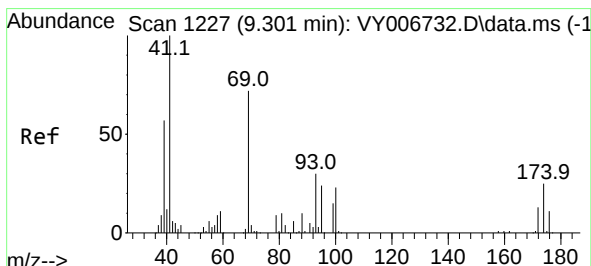
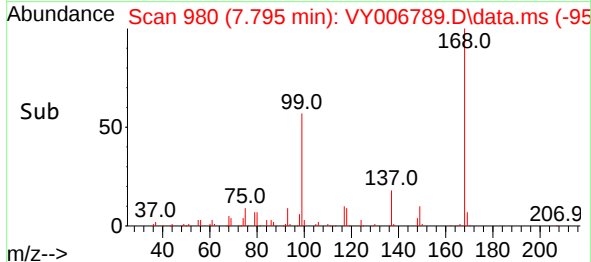
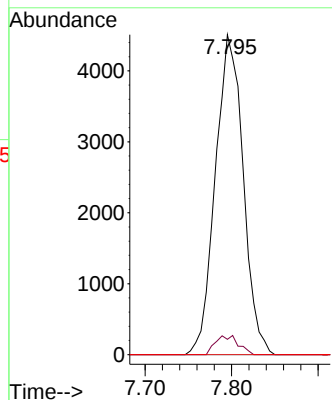
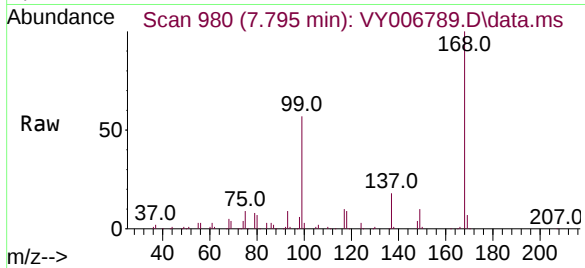




#38
Carbon Tetrachloride
Concen: 5.310 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

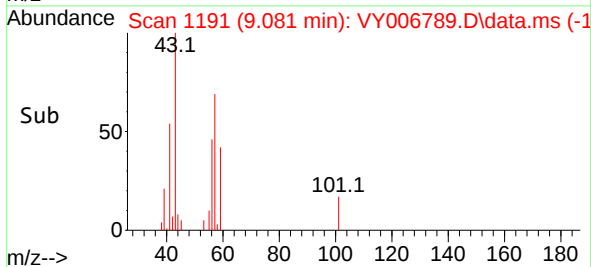
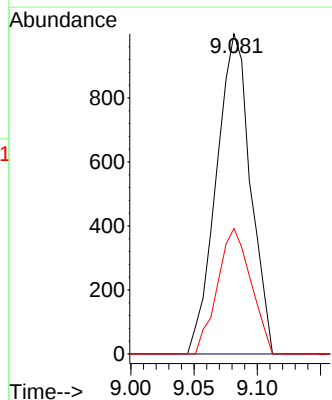
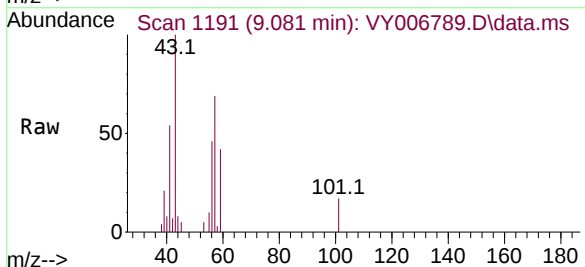
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

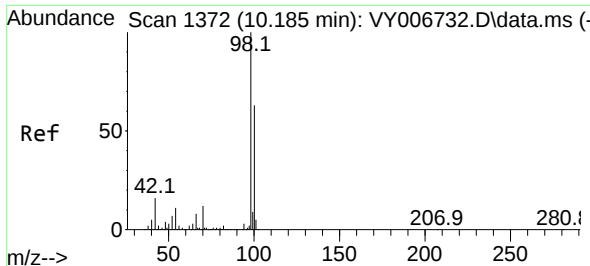
Tgt Ion:117 Resp: 10063
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.709 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.219 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

Tgt Ion: 41 Resp: 1881
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 38.3 48.2 72.2#

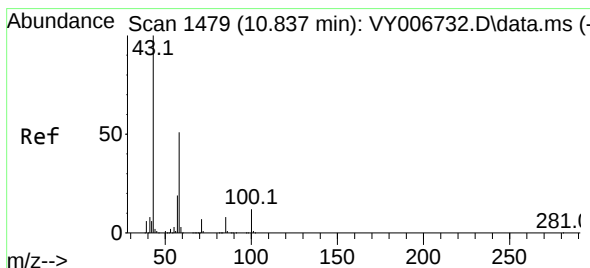
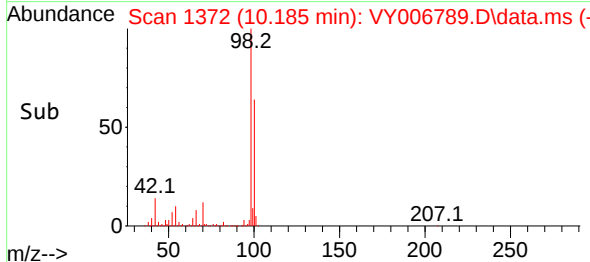
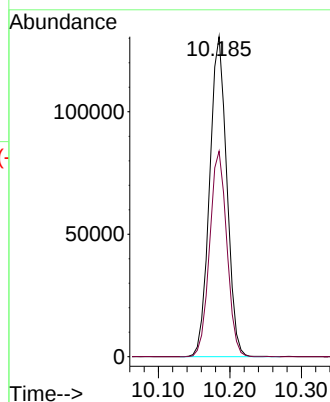
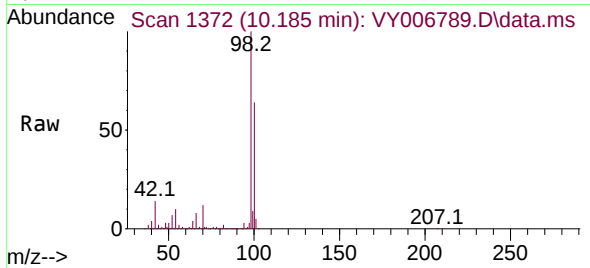




#50
Toluene-d8
Concen: 50.268 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

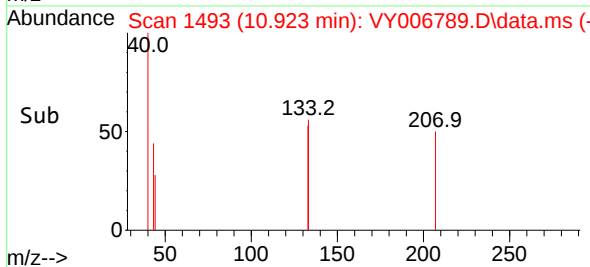
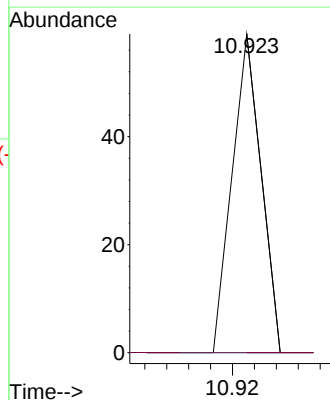
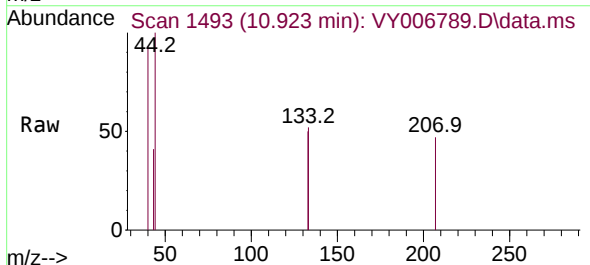
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

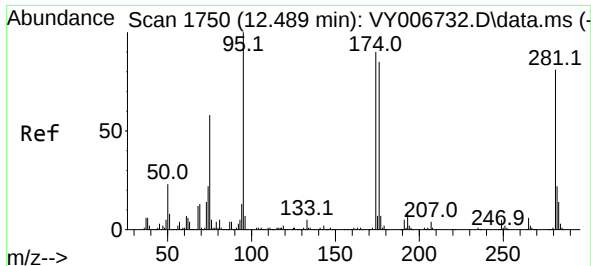
Tgt Ion: 98 Resp: 217795
Ion Ratio Lower Upper
98 100
100 64.1 50.9 76.3



#59
2-Hexanone
Concen: 23.838 ug/l
RT: 10.923 min Scan# 1493
Delta R.T. 0.086 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

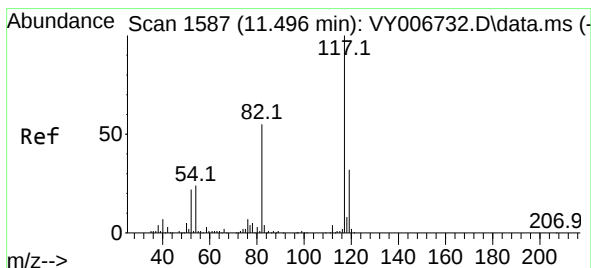
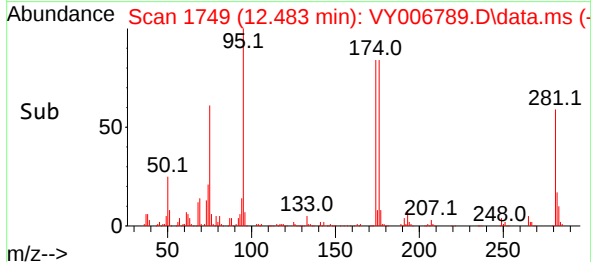
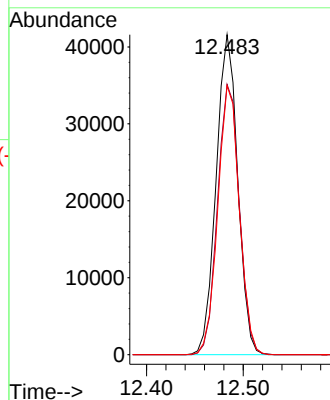
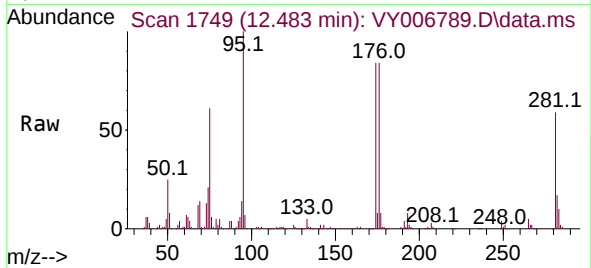




#62
4-Bromofluorobenzene
Concen: 44.115 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

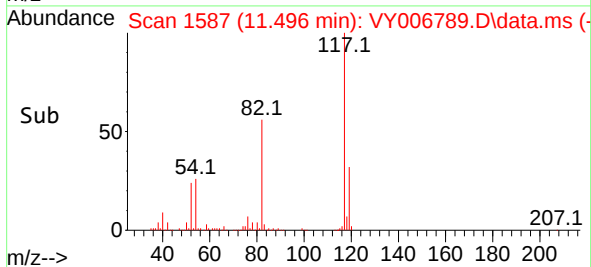
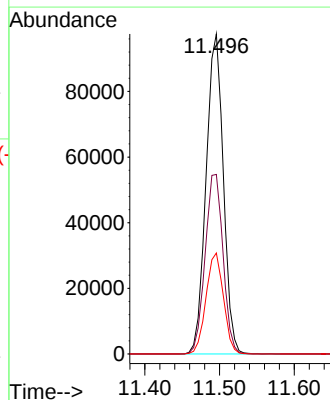
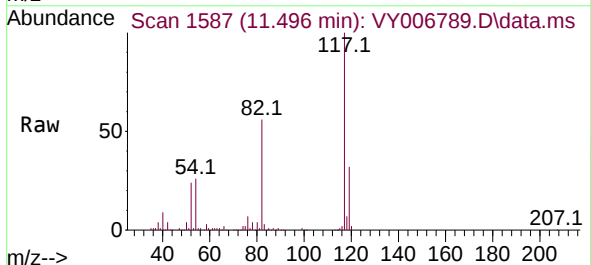
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

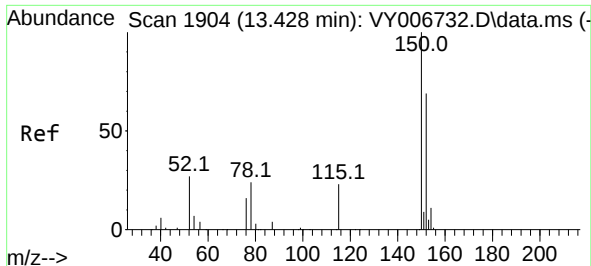
Tgt Ion: 95 Resp: 64437
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 83.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

Tgt Ion: 117 Resp: 156449
Ion Ratio Lower Upper
117 100
82 56.1 45.7 68.5
119 31.5 25.5 38.3

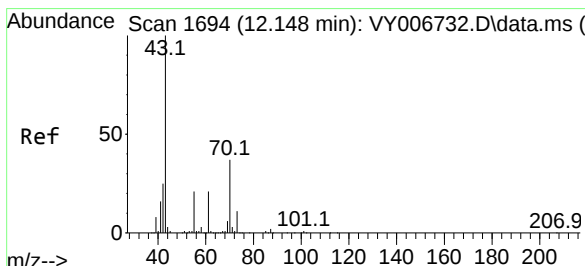
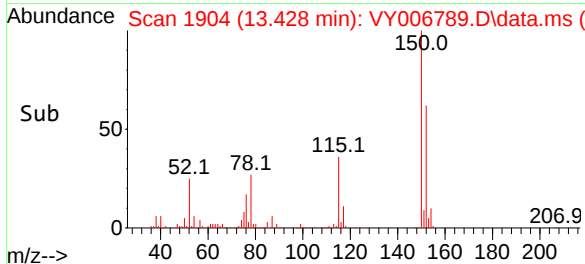
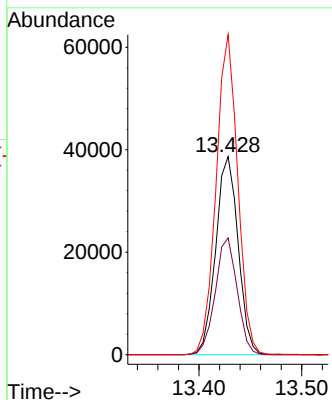
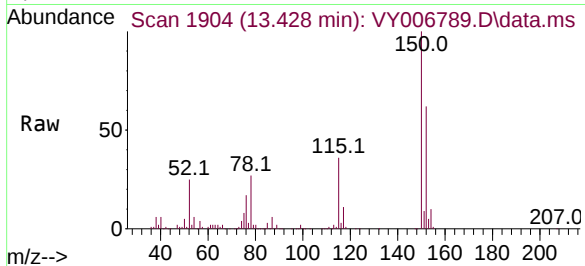




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

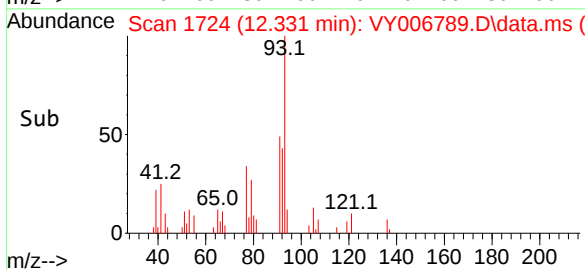
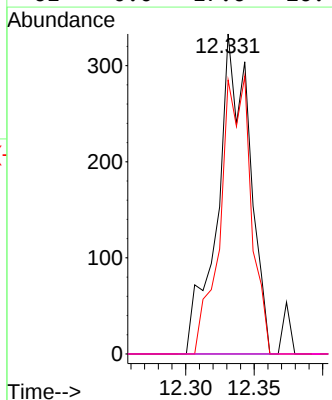
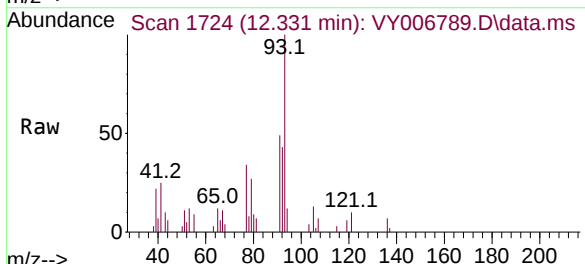
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

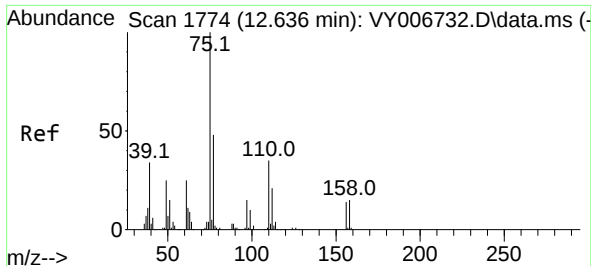
Tgt Ion:152 Resp: 58430
Ion Ratio Lower Upper
152 100
115 57.9 28.5 85.5
150 156.2 0.0 348.2



#74
N-ethyl acetate
Concen: 3.474 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.183 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 81.6 18.1 27.1#
61 0.0 17.6 26.4#

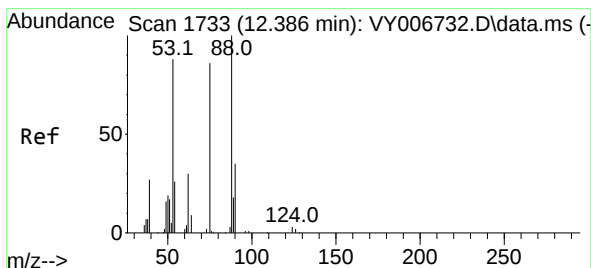
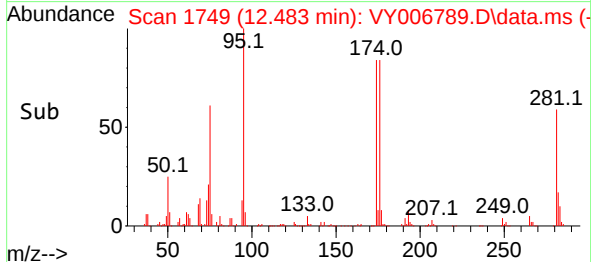
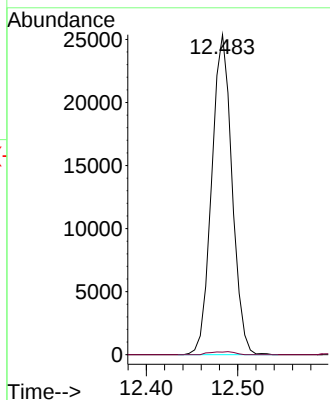
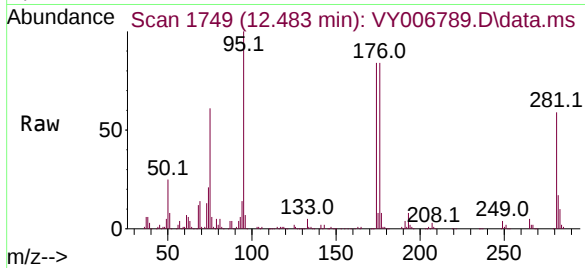




#76
1,2,3-Trichloropropane
Concen: 61.782 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

Tgt Ion: 75 Resp: 39248
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.420 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY006789.D
Acq: 17 Nov 2021 15:31

Tgt Ion: 75 Resp: 39248
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.7 39.3 58.9#

