

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006762.D
 Acq On : 16 Nov 2021 15:26
 Operator : SY/MD
 Sample : M4674-01
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MF-SOIL-P1

Quant Time: Nov 17 04:07:48 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)

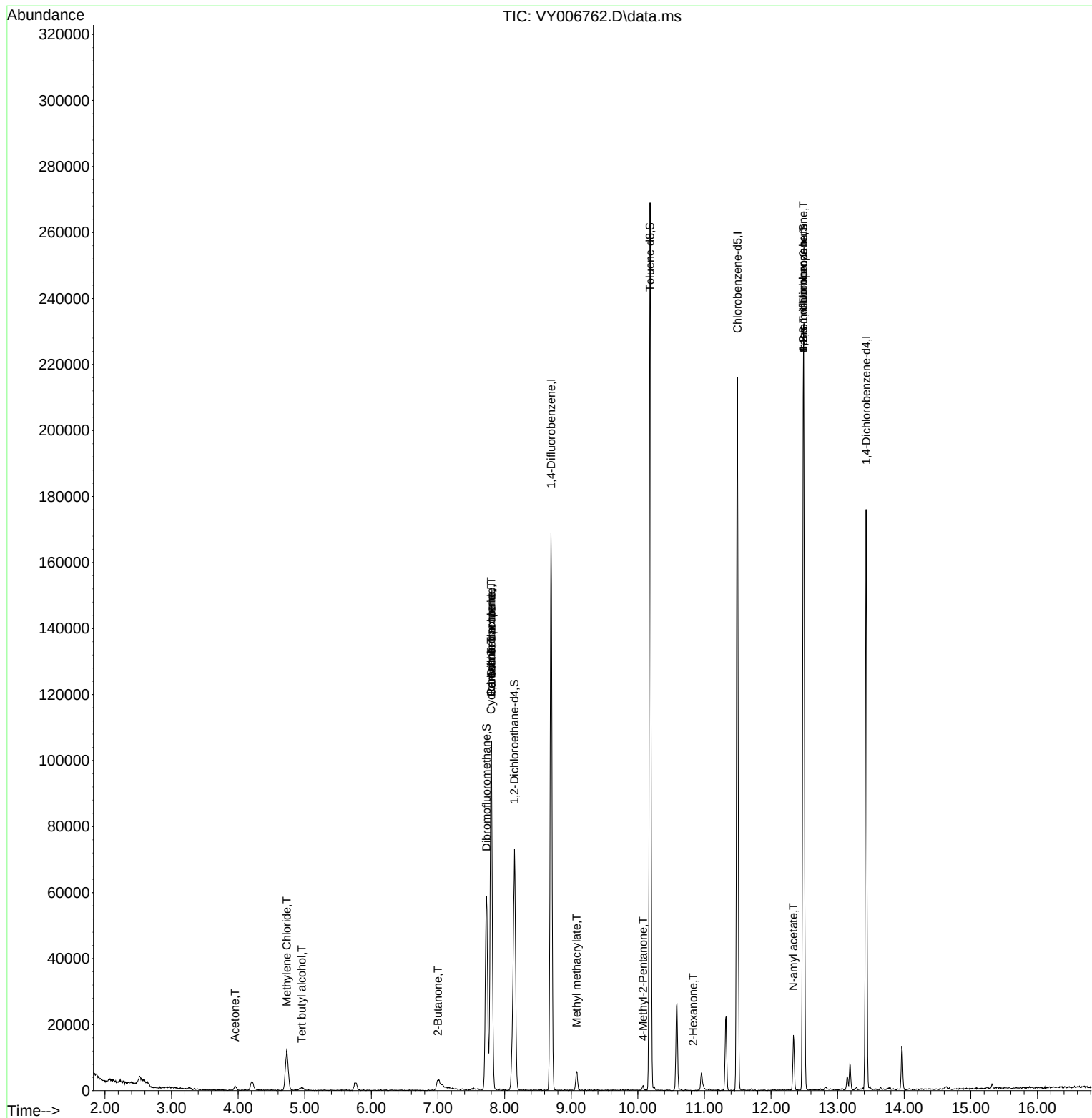
Internal Standards						
1) Pentafluorobenzene	7.801	168	78554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	129605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	115335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	39901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	50866	49.406	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.820%		
35) Dibromofluoromethane	7.728	113	39221	49.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.540%		
50) Toluene-d8	10.185	98	163772	49.714	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.420%		
62) 4-Bromofluorobenzene	12.483	95	43332	39.017	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.040%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	1575	10.172	ug/l #	72
16) Acetone	3.954	43	2105	6.729	ug/l	90
20) Methylene Chloride	4.728	84	7631	5.098	ug/l	94
25) 2-Butanone	6.996	43	473	12.492	ug/l #	52
31) Cyclohexane	7.795	56	2090	1.155	ug/l #	46
36) 1,1-Dichloropropene	7.801	75	7110	5.047	ug/l #	50
38) Carbon Tetrachloride	7.801	117	7578	5.259	ug/l #	16
48) Methyl methacrylate	9.081	41	1569	1.874	ug/l #	41
51) 4-Methyl-2-Pentanone	10.081	43	993	1.067	ug/l	97
59) 2-Hexanone	10.831	43	34	23.861	ug/l #	28
74) N-amyl acetate	12.337	43	412	3.506	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	26020	59.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	26020	118.848	ug/l #	7

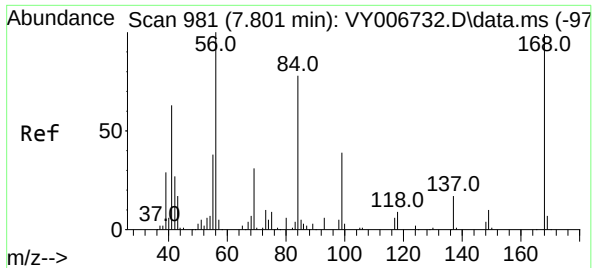
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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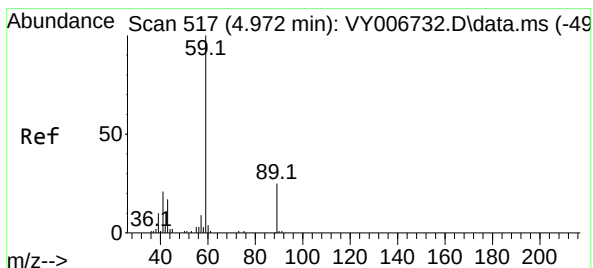
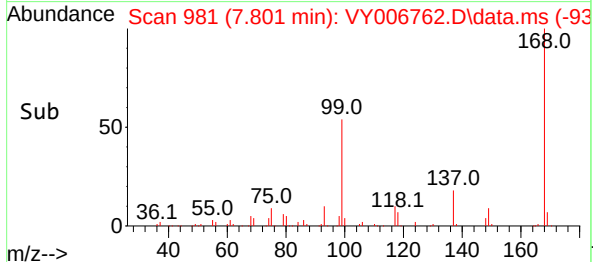
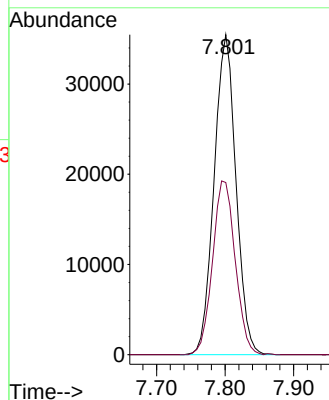
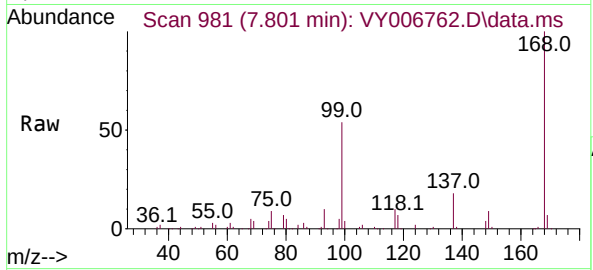




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

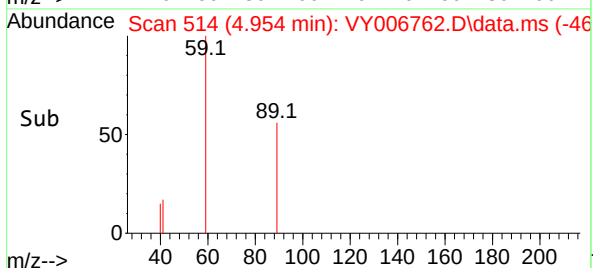
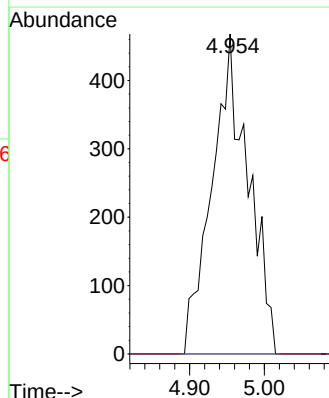
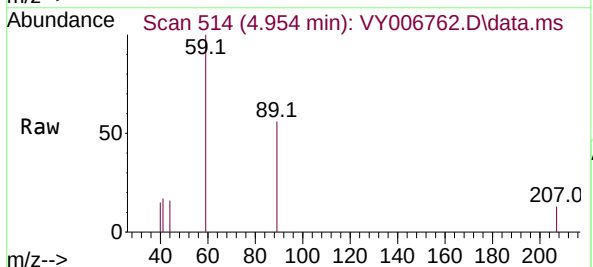
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

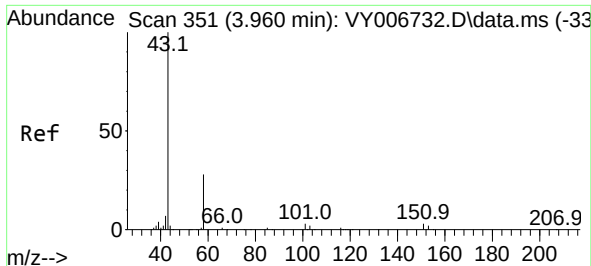
Tgt Ion:168 Resp: 78554
Ion Ratio Lower Upper
168 100
99 53.8 44.8 67.2



#11
Tert butyl alcohol
Concen: 10.172 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

Tgt Ion: 59 Resp: 1575
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

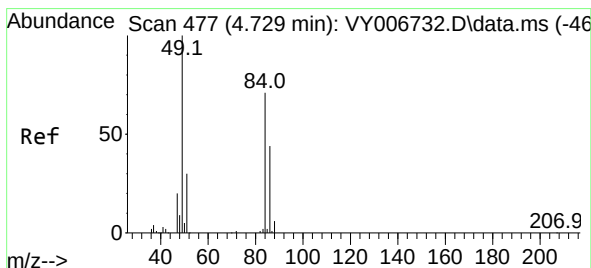
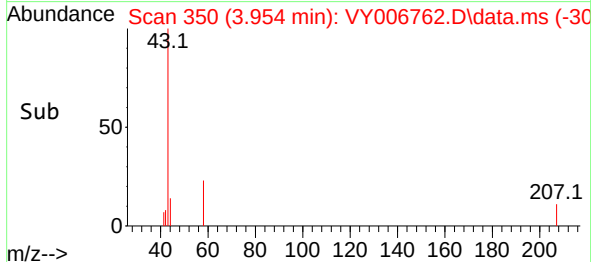
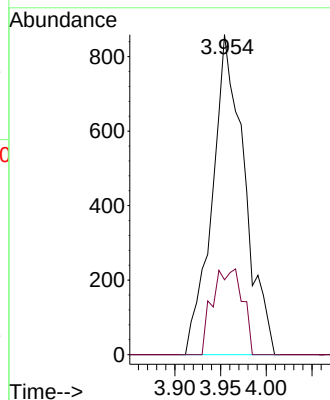
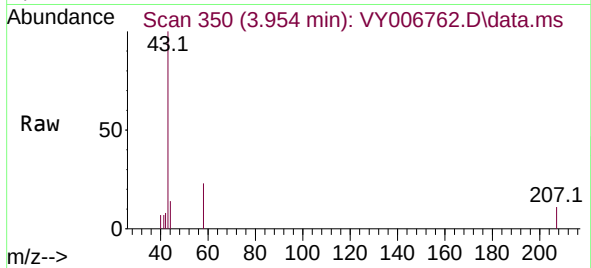




#16
Acetone
Concen: 6.729 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

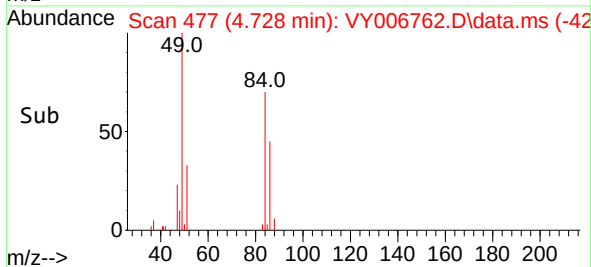
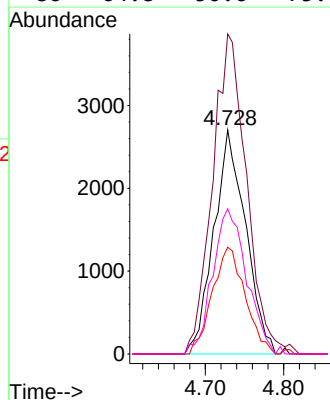
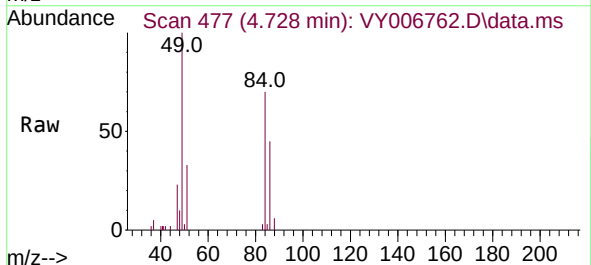
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

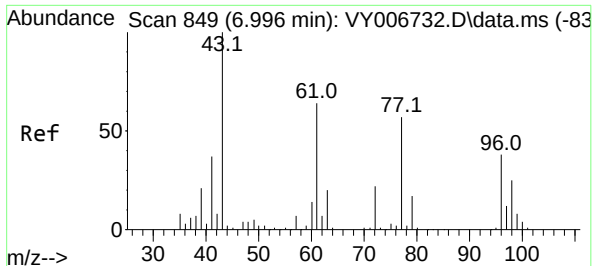
Tgt Ion: 43 Resp: 2105
Ion Ratio Lower Upper
43 100
58 23.4 22.9 34.3



#20
Methylene Chloride
Concen: 5.098 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

Tgt Ion: 84 Resp: 7631
Ion Ratio Lower Upper
84 100
49 142.8 107.8 161.8
51 47.6 32.8 49.2
86 64.8 50.6 75.8





#25

2-Butanone

Concen: 12.492 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006762.D

Acq: 16 Nov 2021 15:26

Instrument :

MSVOA_Y

ClientSampleId :

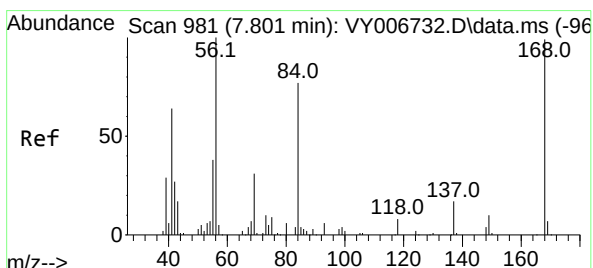
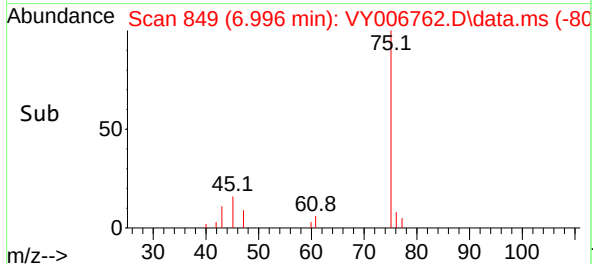
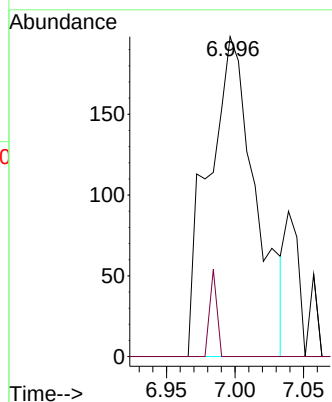
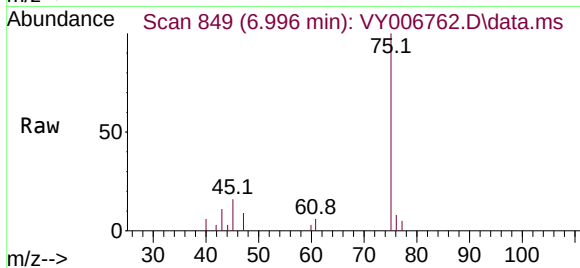
MF-SOIL-P1

Tgt Ion: 43 Resp: 473

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.155 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006762.D

Acq: 16 Nov 2021 15:26

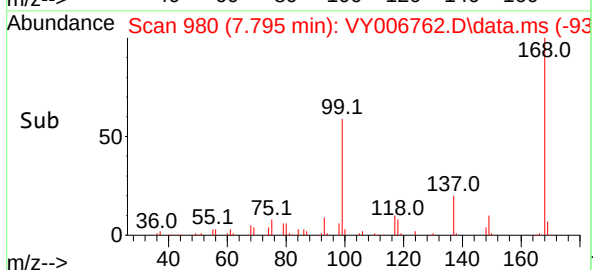
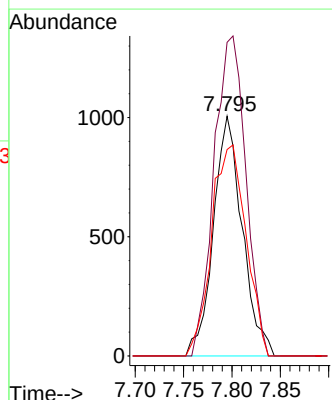
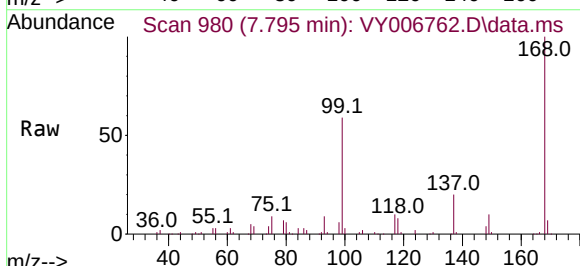
Tgt Ion: 56 Resp: 2090

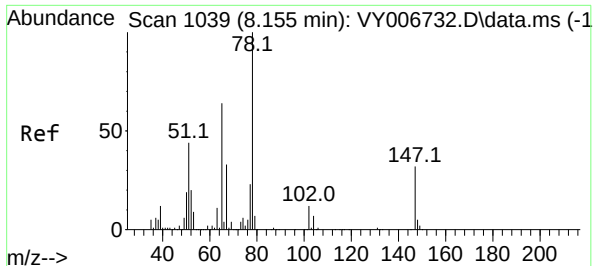
Ion Ratio Lower Upper

56 100

69 130.8 26.6 40.0#

84 86.2 65.0 97.4





#33

1,2-Dichloroethane-d4

Concen: 49.406 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006762.D

Acq: 16 Nov 2021 15:26

Instrument :

MSVOA_Y

ClientSampleId :

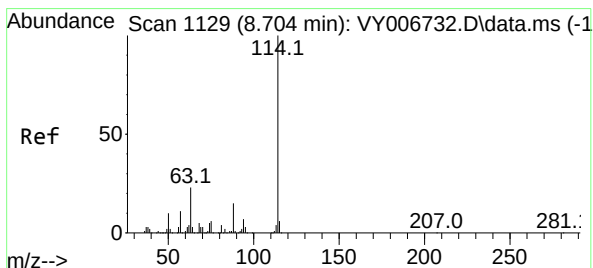
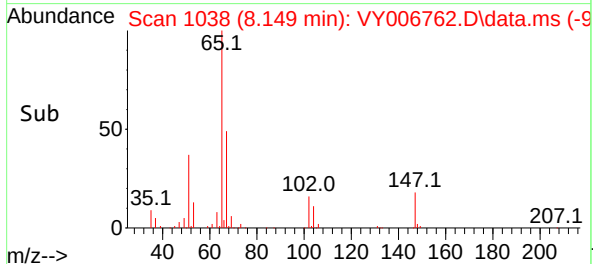
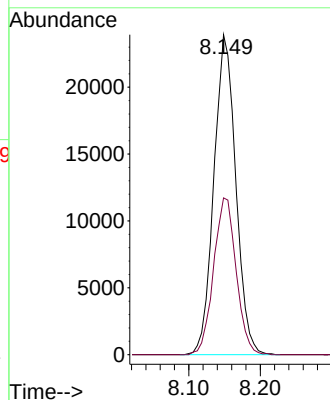
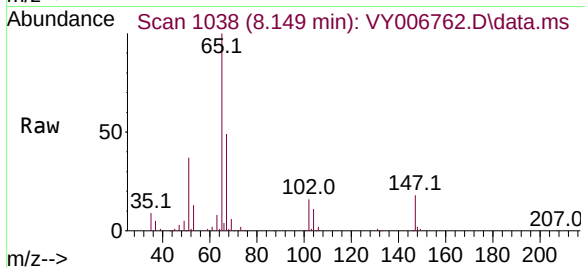
MF-SOIL-P1

Tgt Ion: 65 Resp: 50866

Ion Ratio Lower Upper

65 100

67 50.5 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: VY006762.D

Acq: 16 Nov 2021 15:26

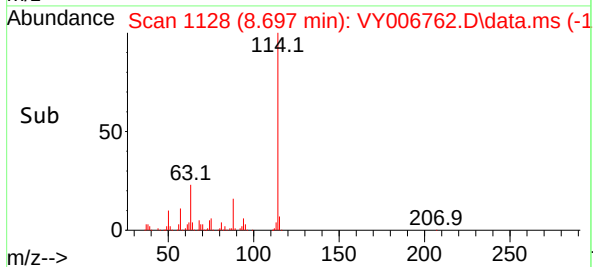
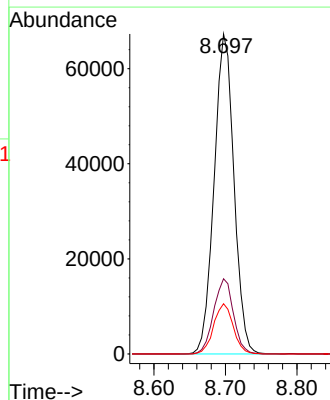
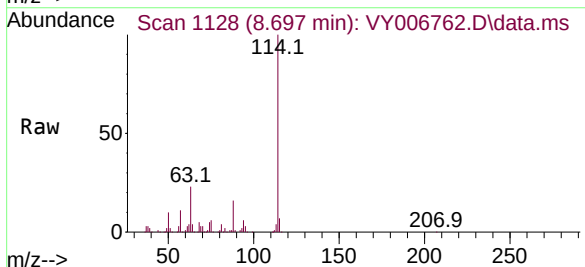
Tgt Ion: 114 Resp: 129605

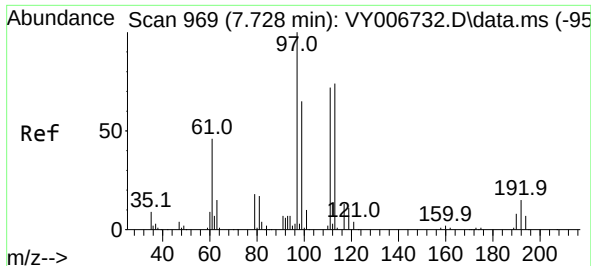
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 15.7 0.0 30.6

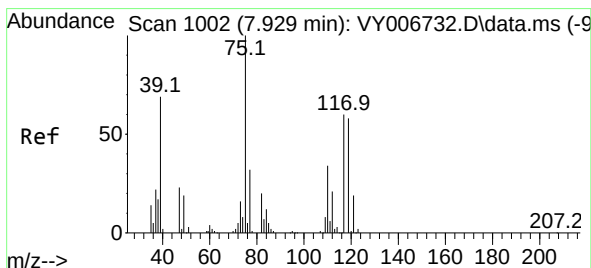
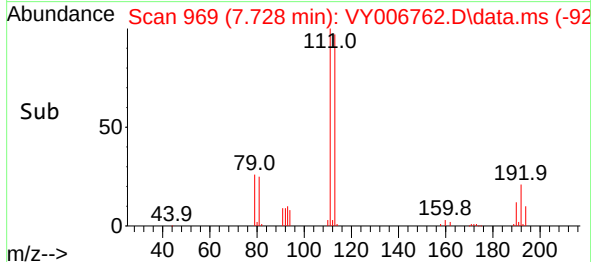
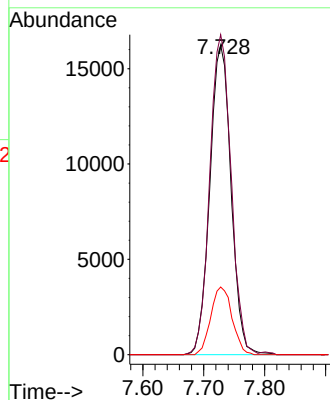
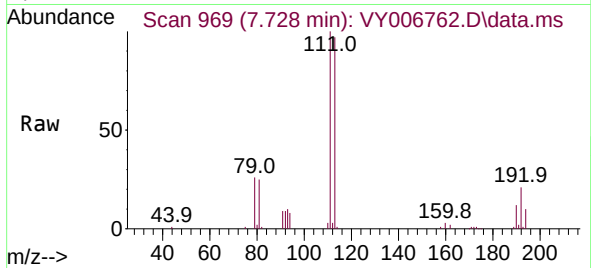




#35
Dibromofluoromethane
Concen: 49.267 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

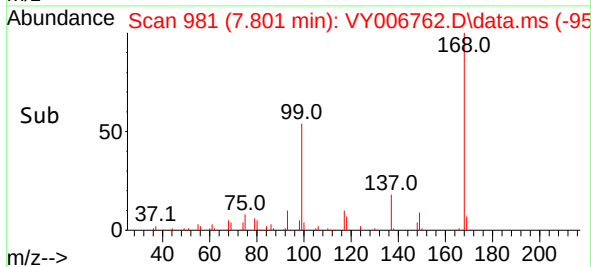
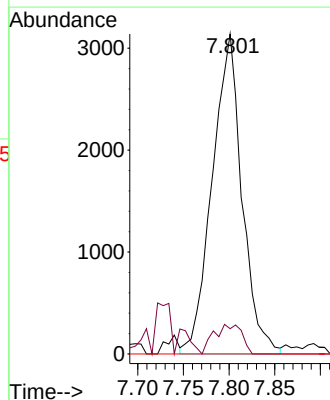
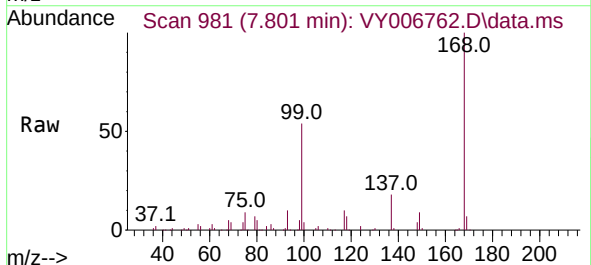
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MF-SOIL-P1

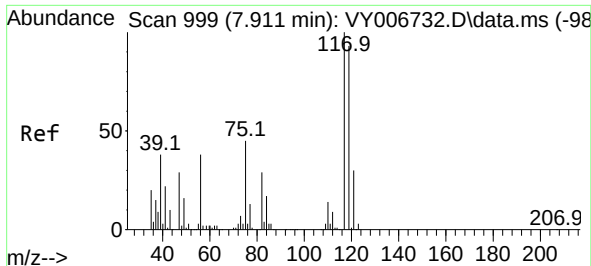
Tgt Ion:113 Resp: 39221
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 21.9 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.047 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

Tgt Ion: 75 Resp: 7110
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.3#
77 0.0 24.9 37.3#

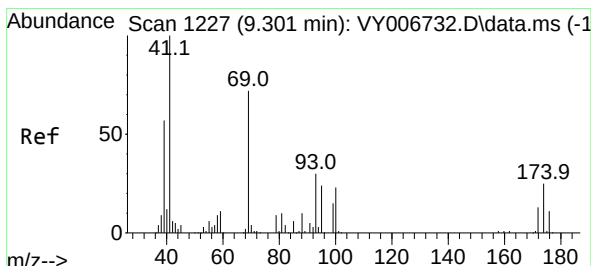
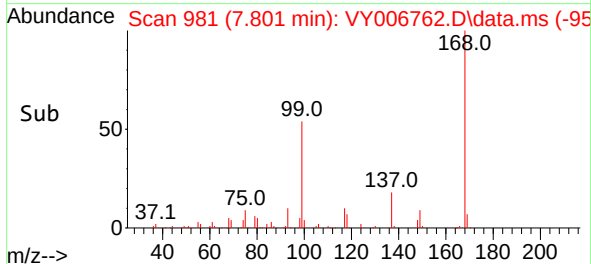
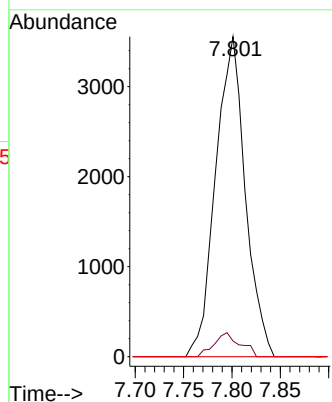
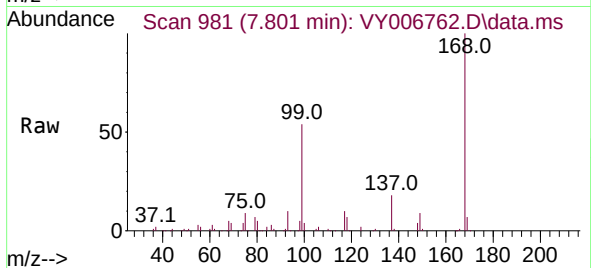




#38
Carbon Tetrachloride
Concen: 5.259 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

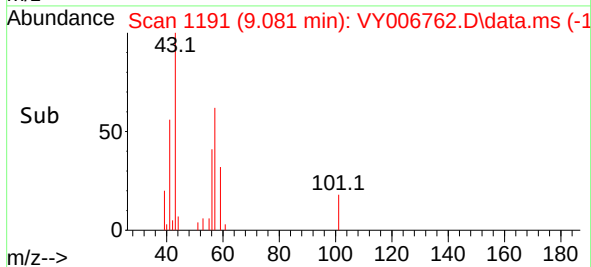
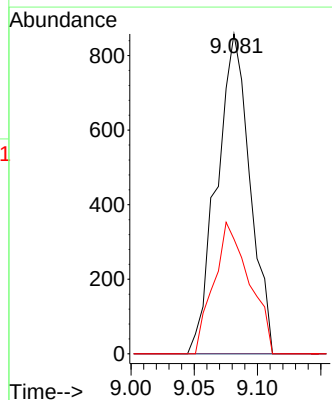
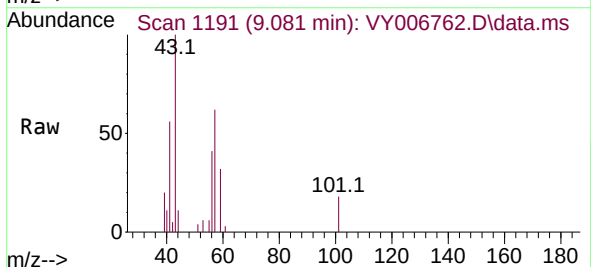
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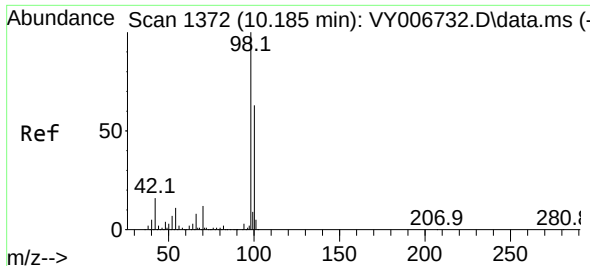
Tgt Ion:117 Resp: 7578
Ion Ratio Lower Upper
117 100
119 4.9 76.6 115.0#
121 0.0 24.7 37.1#



#48
Methyl methacrylate
Concen: 1.874 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

Tgt Ion: 41 Resp: 1569
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 44.0 48.2 72.2#

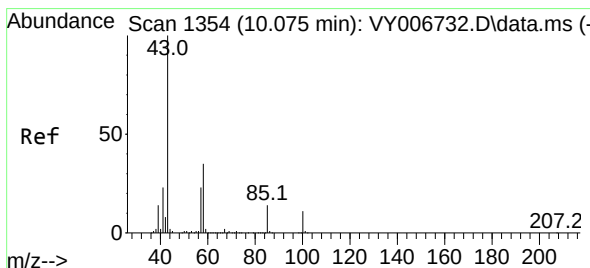
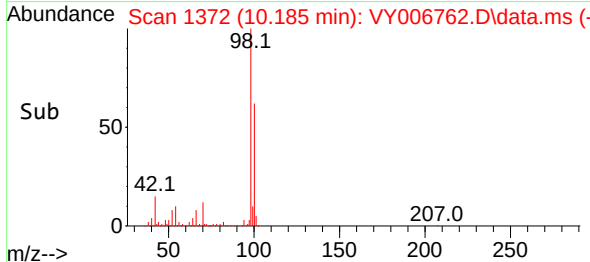
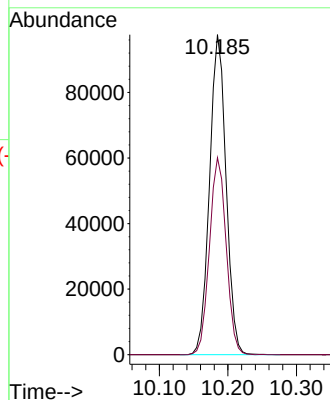
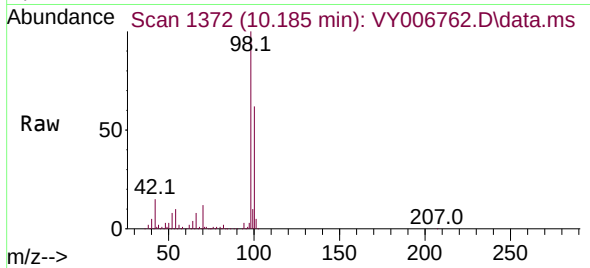




#50
Toluene-d8
Concen: 49.714 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

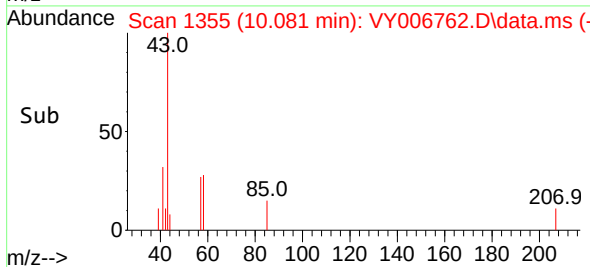
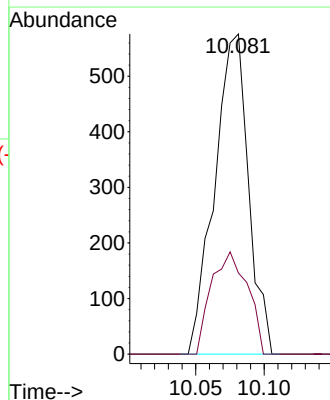
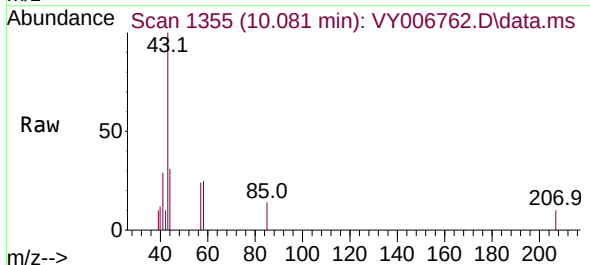
Instrument :
MSVOA_Y
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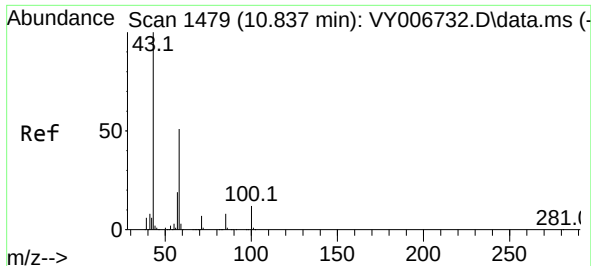
Tgt Ion: 98 Resp: 163772
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.067 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
58 34.1 28.7 43.1

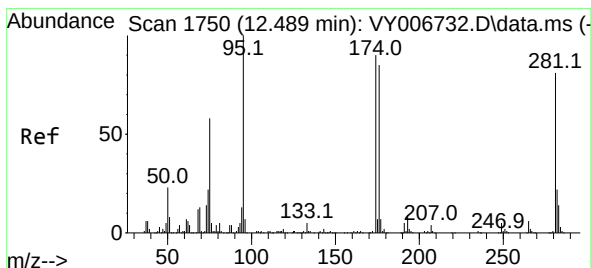
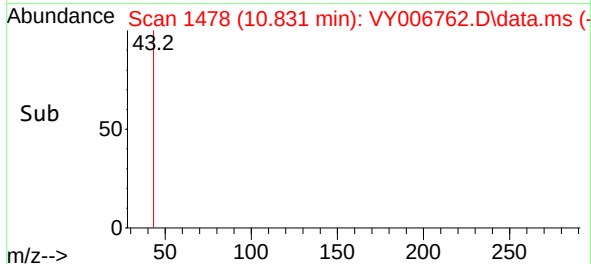
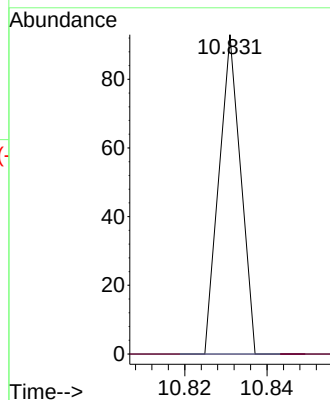
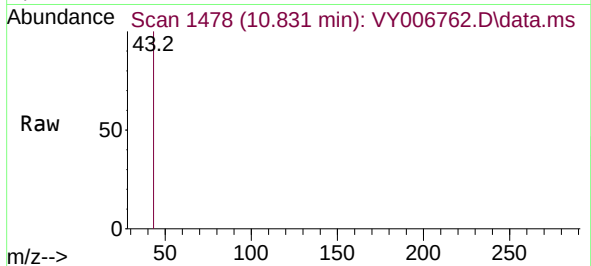




#59
2-Hexanone
Concen: 23.861 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

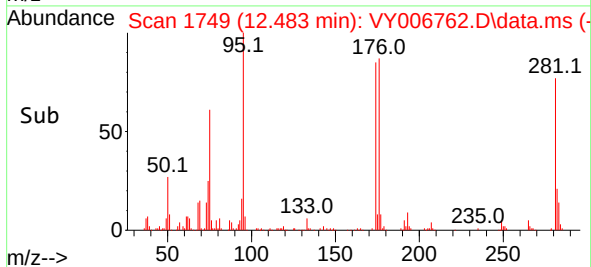
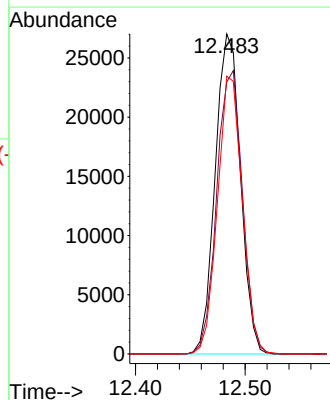
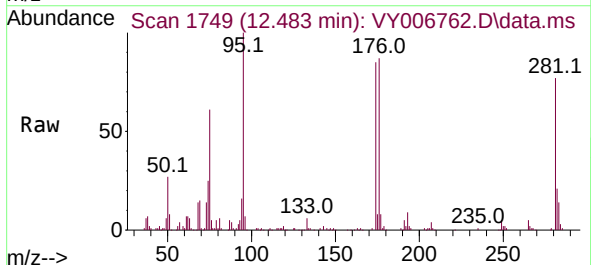
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

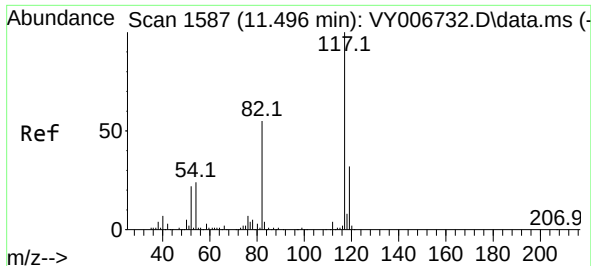
Tgt Ion: 43 Resp: 34
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#



#62
4-Bromofluorobenzene
Concen: 39.017 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

Tgt Ion: 95 Resp: 43332
Ion Ratio Lower Upper
95 100
174 89.8 0.0 177.0
176 85.4 0.0 169.4

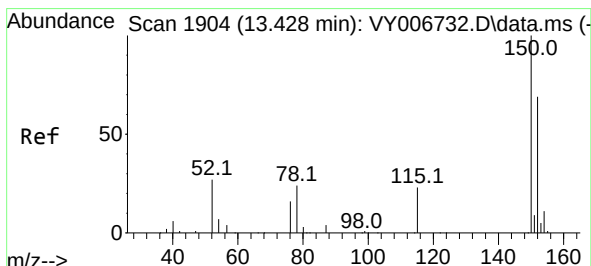
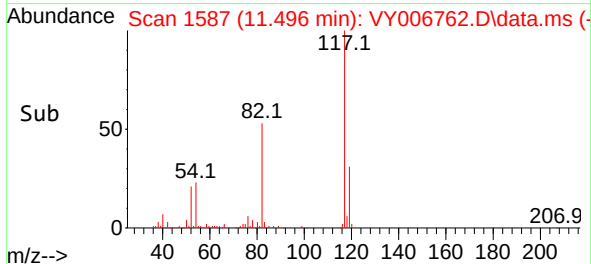
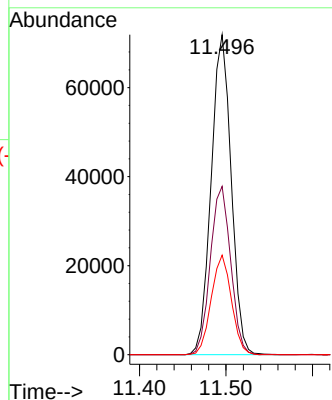
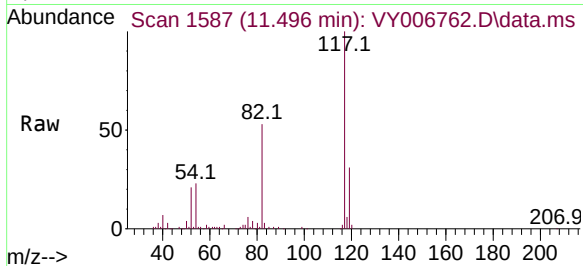




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

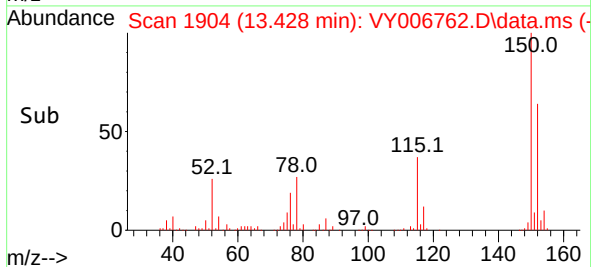
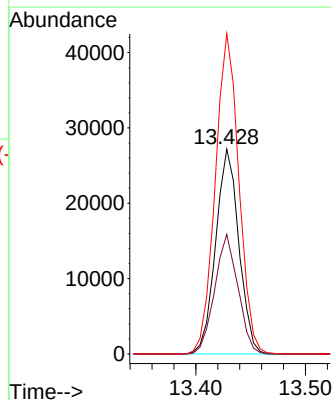
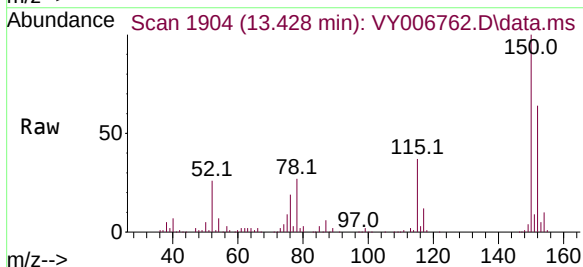
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

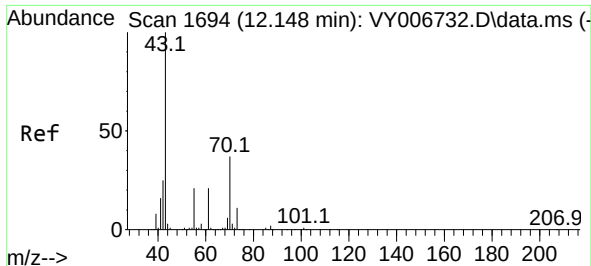
Tgt Ion:117 Resp: 115335
Ion Ratio Lower Upper
117 100
82 52.6 45.7 68.5
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

Tgt Ion:152 Resp: 39901
Ion Ratio Lower Upper
152 100
115 58.7 28.5 85.5
150 159.4 0.0 348.2

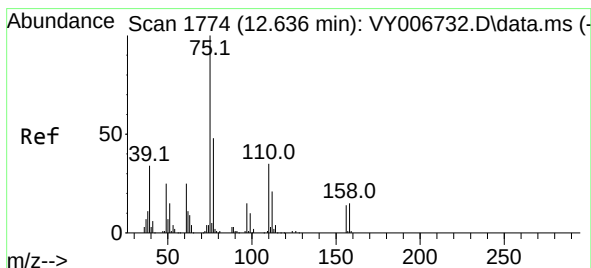
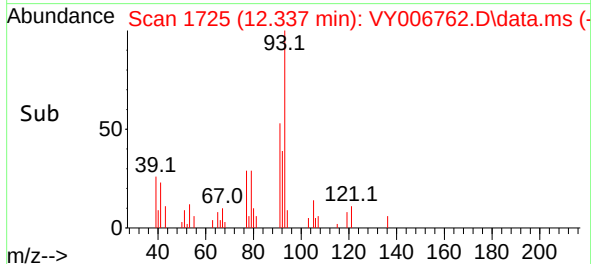
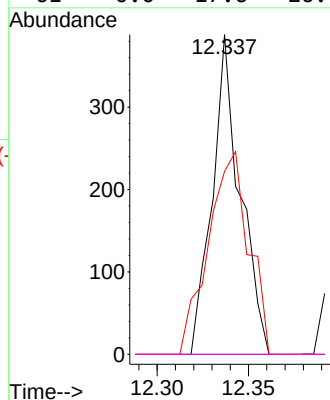
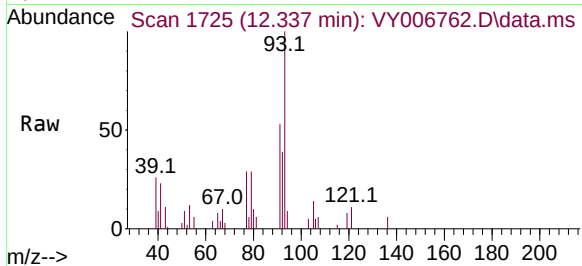




#74
N-amy1 acetate
Concen: 3.506 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.189 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

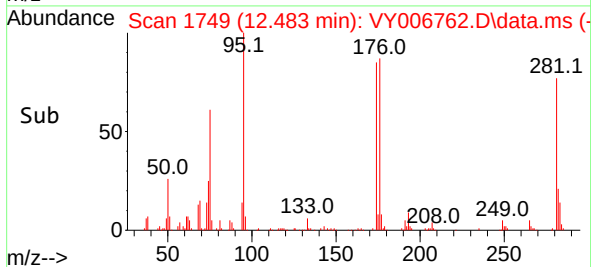
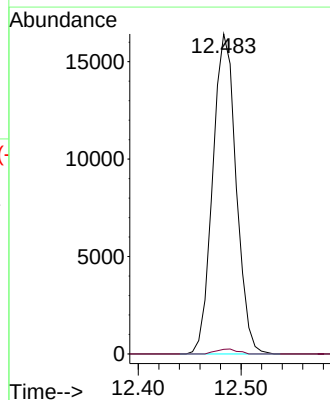
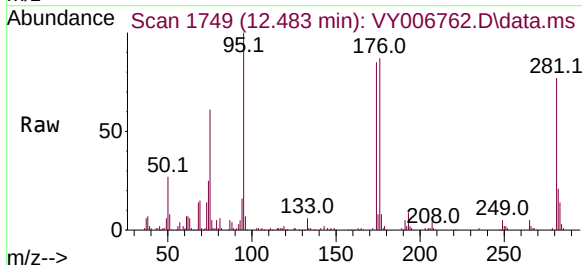
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

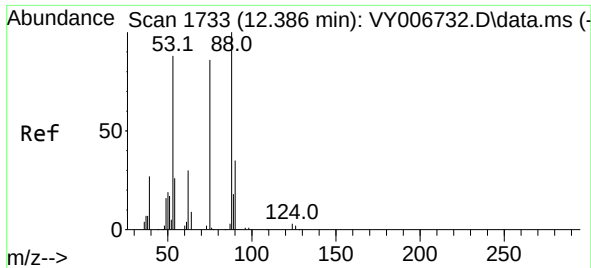
Tgt Ion: 43	Resp:	412
Ion Ratio	Lower	Upper
43	100	
70	0.0	29.4 44.0#
55	91.7	18.1 27.1#
61	0.0	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 59.980 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

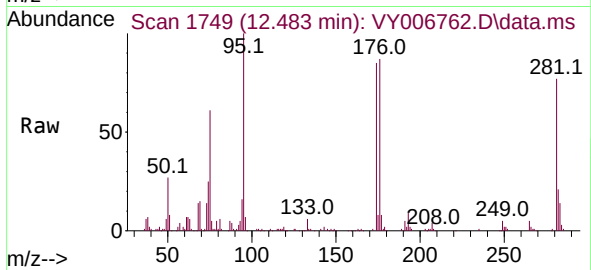
Tgt Ion: 75	Resp:	26020
Ion Ratio	Lower	Upper
75	100	
77	1.4	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.848 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY006762.D
 Acq: 16 Nov 2021 15:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 MF-SOIL-P1



Tgt Ion:	75	Resp:	26020
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.8	128.6#
89	1.0	39.3	58.9#

