

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006763.D
 Acq On : 16 Nov 2021 15:50
 Operator : SY/MD
 Sample : M4674-03
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MF-SOIL-P2

Quant Time: Nov 17 04:07:59 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)

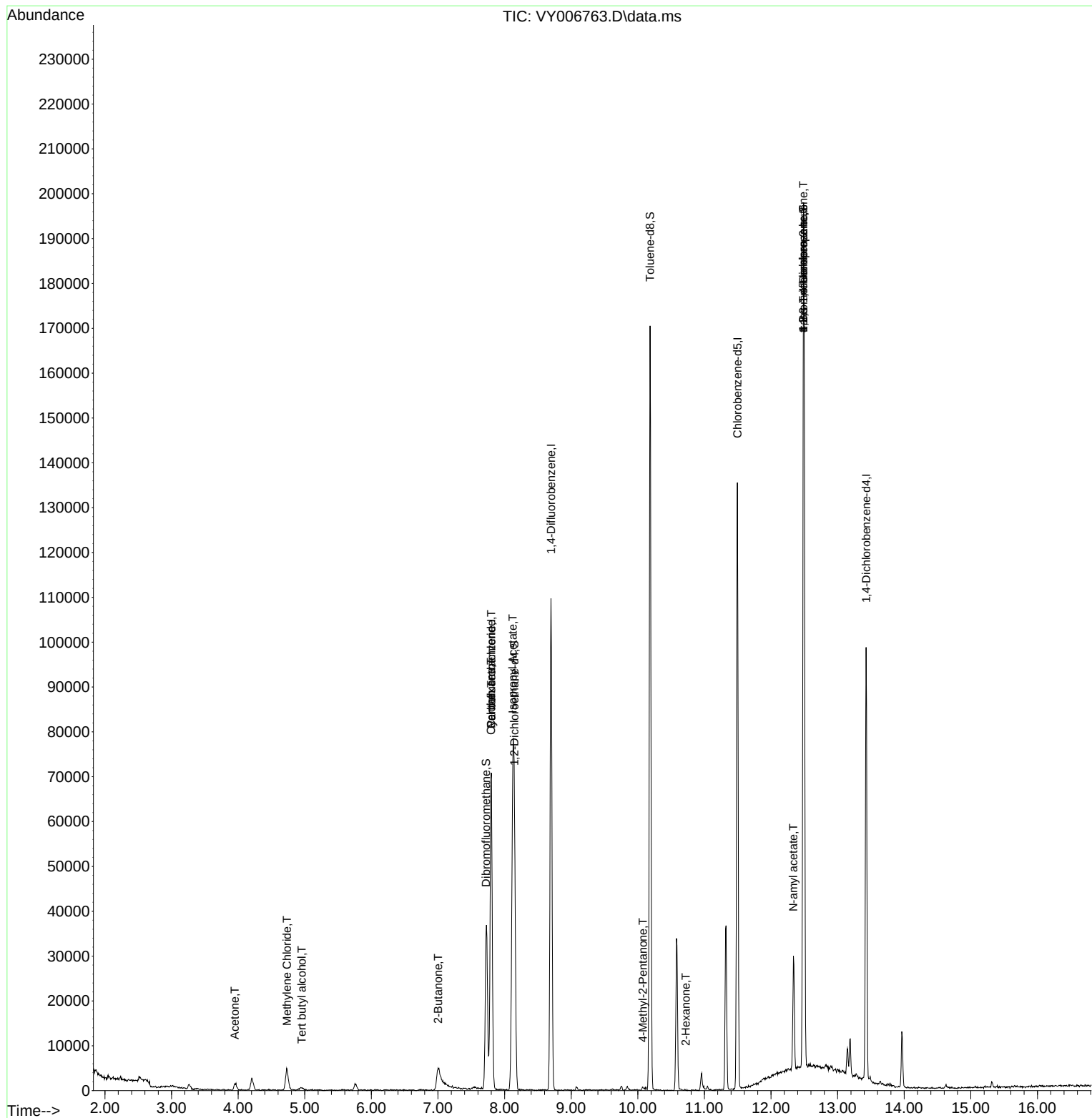
Internal Standards						
1) Pentafluorobenzene	7.801	168	51678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	85029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	70720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31462	46.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.900%
35) Dibromofluoromethane	7.722	113	25100	48.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.185	98	105286	48.715	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.483	95	26068	35.778	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.560%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1113	10.927	ug/l #	72
16) Acetone	3.948	43	2808	13.645	ug/l	99
20) Methylene Chloride	4.735	84	3028	1.615	ug/l #	90
25) 2-Butanone	7.002	43	308	12.482	ug/l #	52
31) Cyclohexane	7.795	56	1411	1.185	ug/l #	33
38) Carbon Tetrachloride	7.801	117	5200	5.501	ug/l #	12
43) Isopropyl Acetate	8.124	43	2099	1.811	ug/l #	21
51) 4-Methyl-2-Pentanone	10.075	43	613	1.004	ug/l #	65
59) 2-Hexanone	10.721	43	24	23.865	ug/l #	28
74) N-amyl acetate	12.337	43	615	4.056	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	16701	66.283	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16701	131.339	ug/l #	8

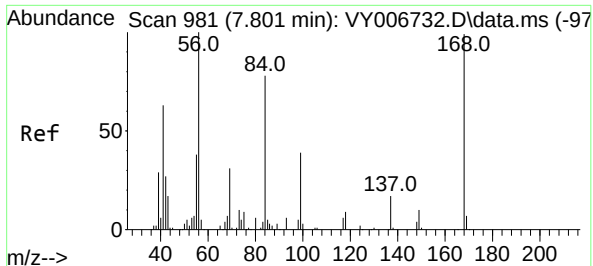
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
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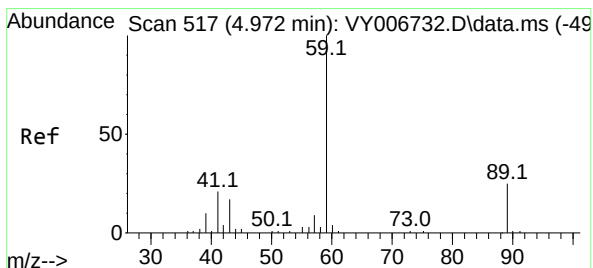
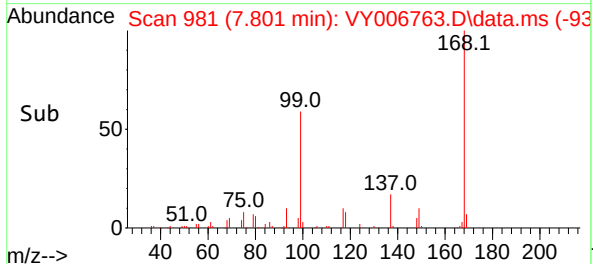
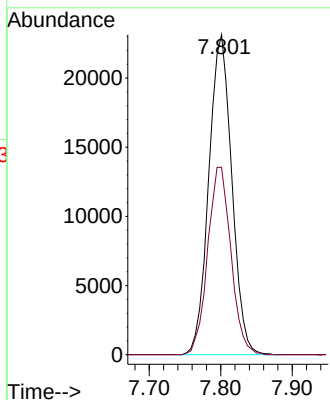
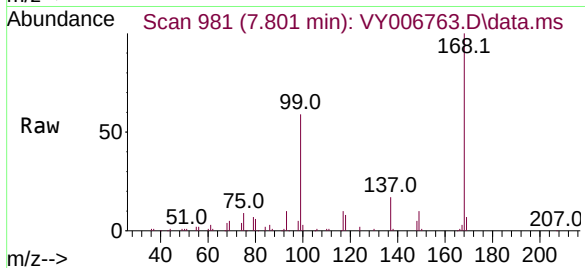




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

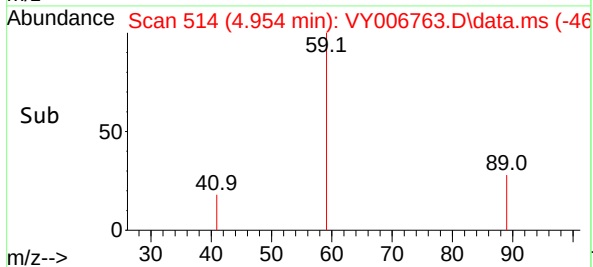
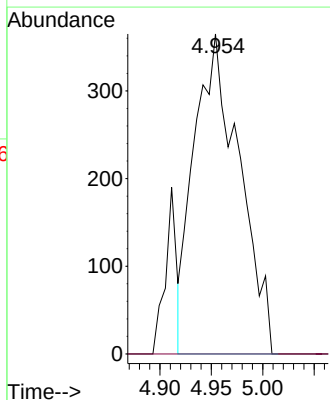
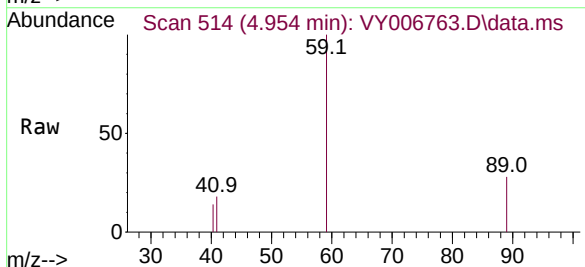
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

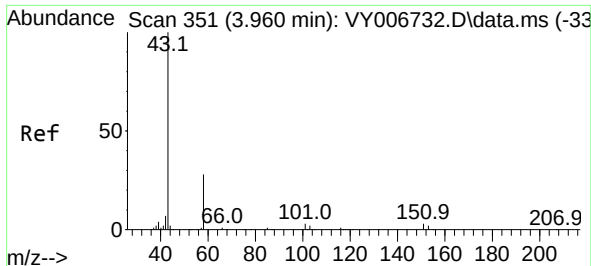
Tgt Ion:168 Resp: 51678
Ion Ratio Lower Upper
168 100
99 58.6 44.8 67.2



#11
Tert butyl alcohol
Concen: 10.927 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.018 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

Tgt Ion: 59 Resp: 1113
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#16

Acetone

Concen: 13.645 ug/l

RT: 3.948 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY006763.D

Acq: 16 Nov 2021 15:50

Instrument :

MSVOA_Y

ClientSampleId :

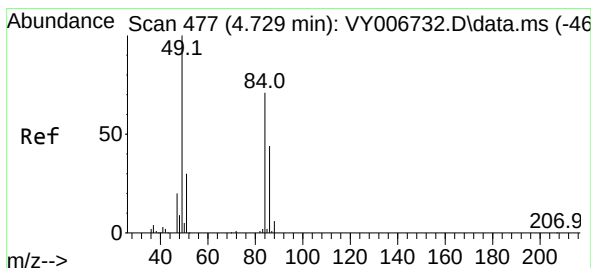
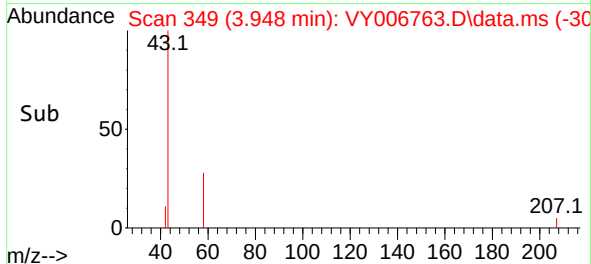
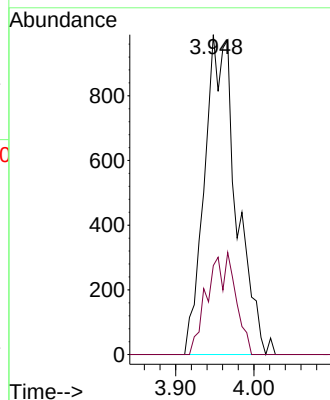
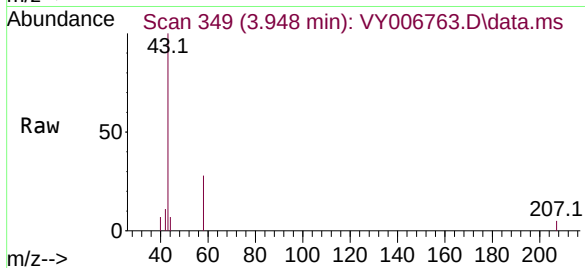
MF-SOIL-P2

Tgt Ion: 43 Resp: 2808

Ion Ratio Lower Upper

43 100

58 27.8 22.9 34.3



#20

Methylene Chloride

Concen: 1.615 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY006763.D

Acq: 16 Nov 2021 15:50

Tgt Ion: 84 Resp: 3028

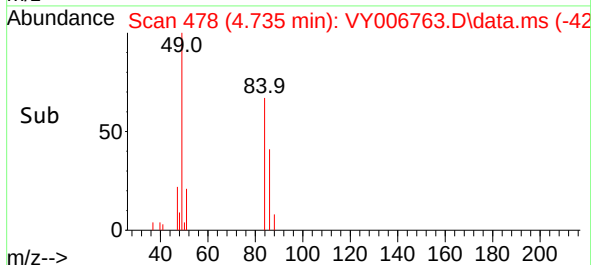
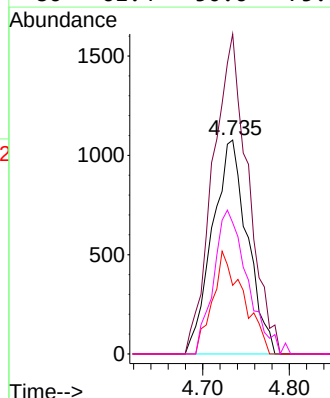
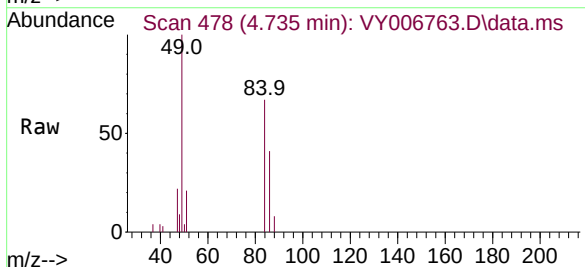
Ion Ratio Lower Upper

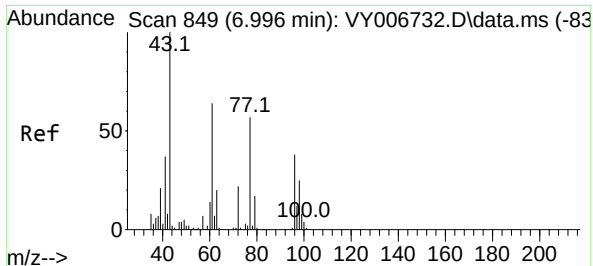
84 100

49 149.6 107.8 161.8

51 32.1 32.8 49.2#

86 61.4 50.6 75.8





#25

2-Butanone

Concen: 12.482 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY006763.D

Acq: 16 Nov 2021 15:50

Instrument :

MSVOA_Y

ClientSampleId :

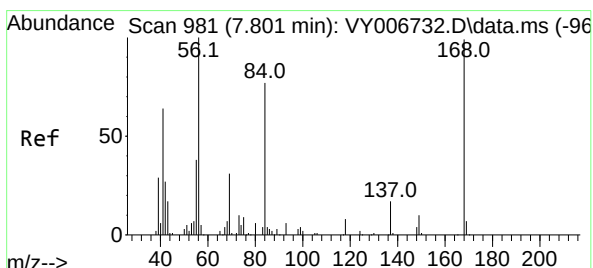
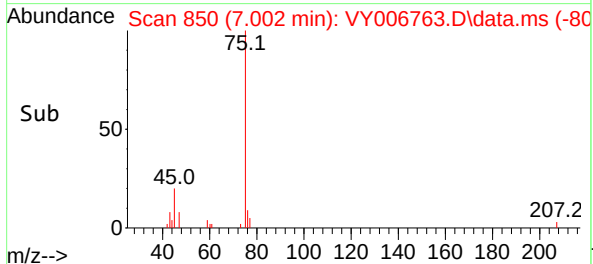
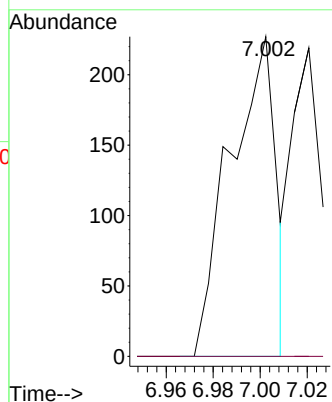
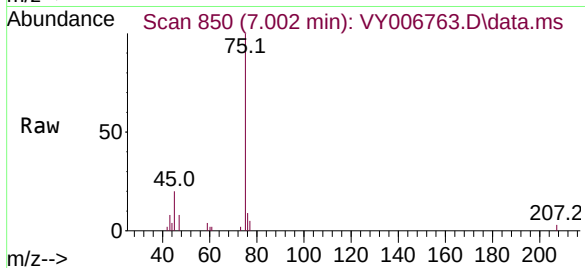
MF-SOIL-P2

Tgt Ion: 43 Resp: 308

Ion Ratio Lower Upper

43 100

72 0.0 18.9 28.3#



#31

Cyclohexane

Concen: 1.185 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY006763.D

Acq: 16 Nov 2021 15:50

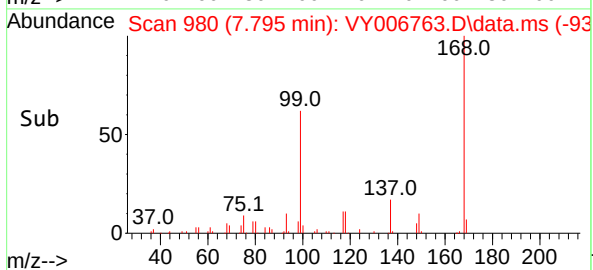
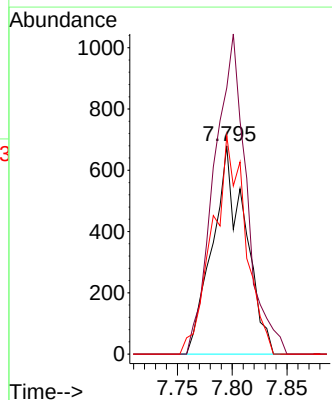
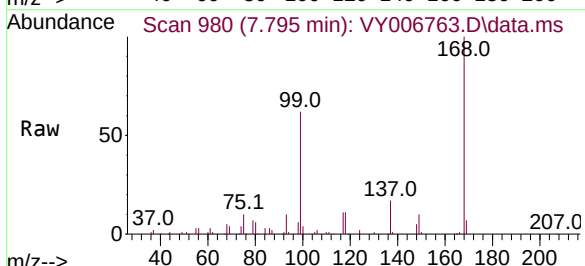
Tgt Ion: 56 Resp: 1411

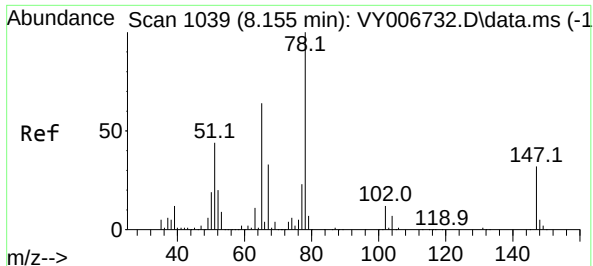
Ion Ratio Lower Upper

56 100

69 127.8 26.6 40.0#

84 104.9 65.0 97.4#





#33

1,2-Dichloroethane-d4

Concen: 46.452 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006763.D

Acq: 16 Nov 2021 15:50

Instrument :

MSVOA_Y

ClientSampleId :

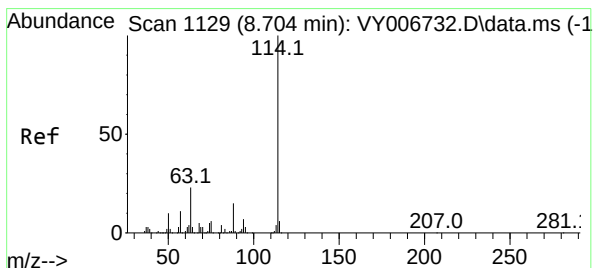
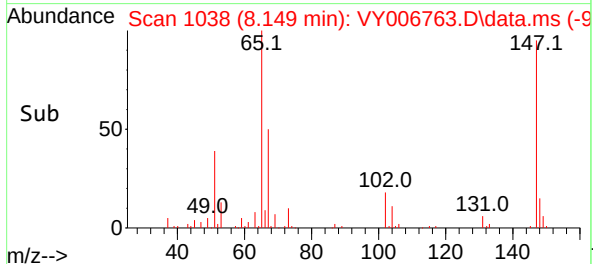
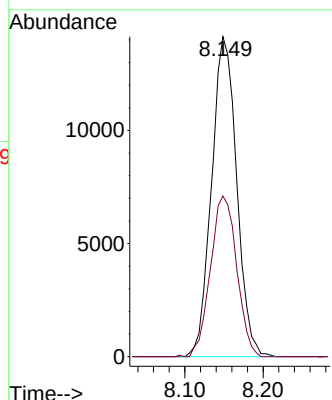
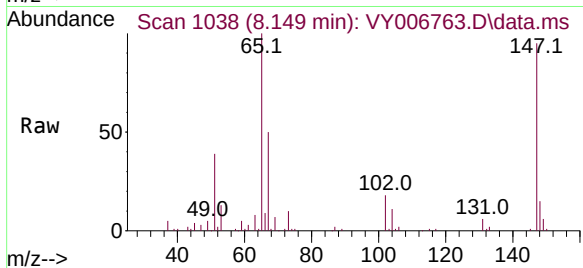
MF-SOIL-P2

Tgt Ion: 65 Resp: 31462

Ion Ratio Lower Upper

65 100

67 52.5 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: VY006763.D

Acq: 16 Nov 2021 15:50

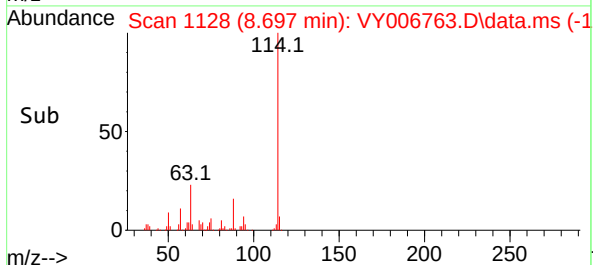
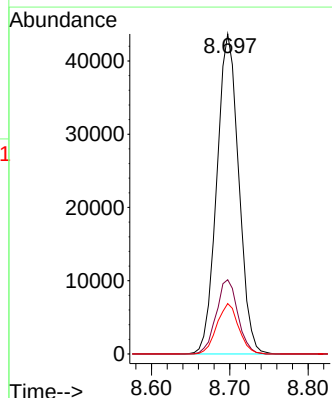
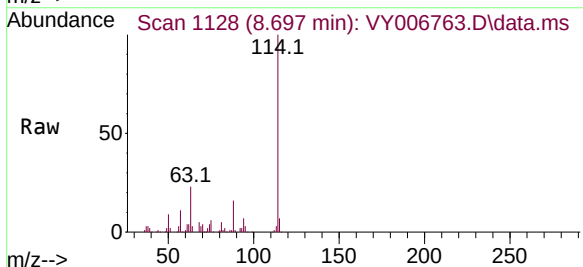
Tgt Ion: 114 Resp: 85029

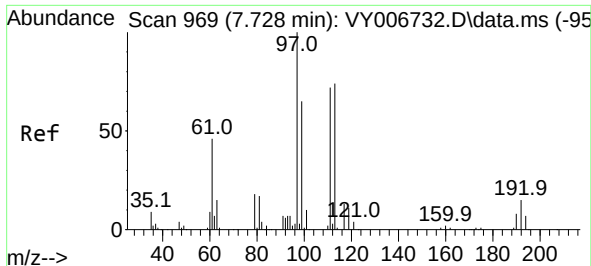
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.058 ug/l

RT: 7.722 min Scan# 90

Delta R.T. -0.006 min

Lab File: VY006763.D

Acq: 16 Nov 2021 15:50

Instrument :

MSVOA_Y

ClientSampleId :

MF-SOIL-P2

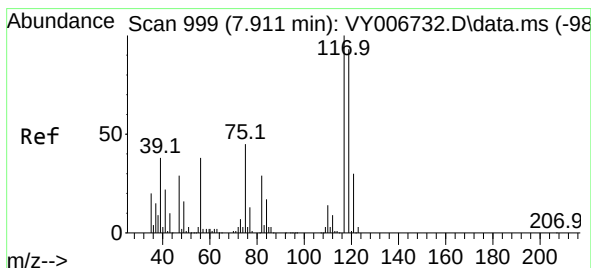
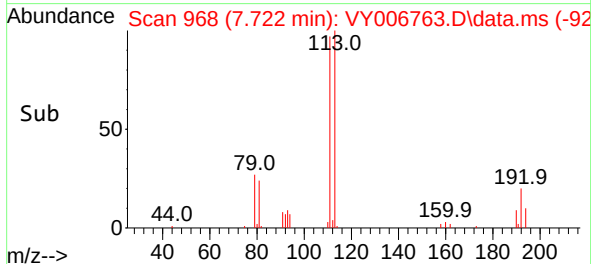
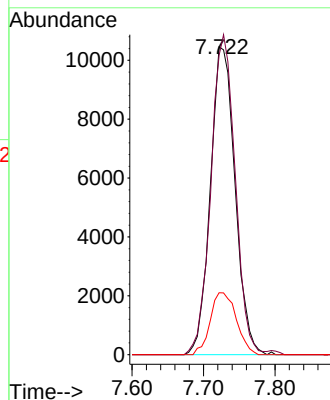
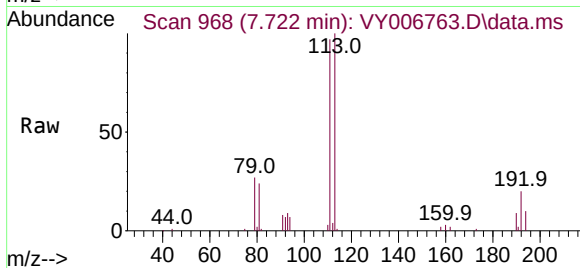
Tgt Ion:113 Resp: 25100

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 21.2 17.4 26.2



#38

Carbon Tetrachloride

Concen: 5.501 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.110 min

Lab File: VY006763.D

Acq: 16 Nov 2021 15:50

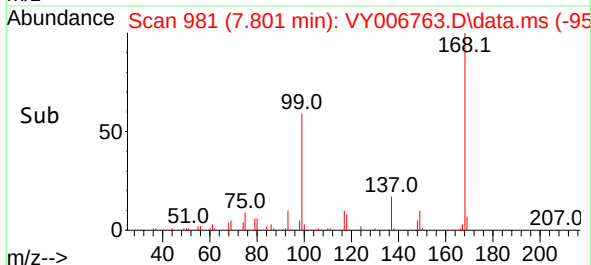
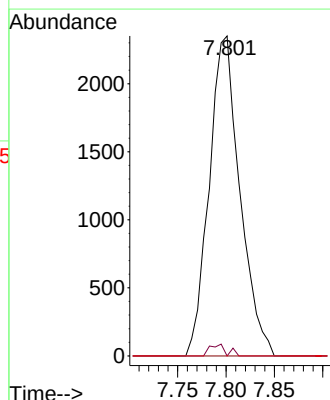
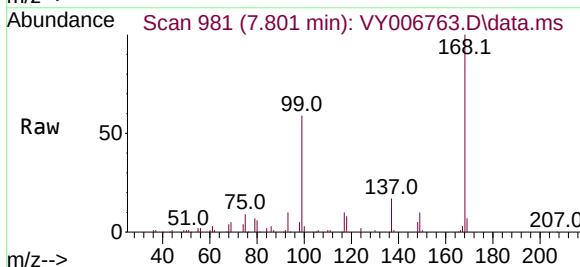
Tgt Ion:117 Resp: 5200

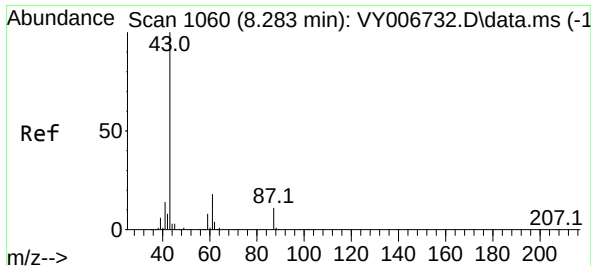
Ion Ratio Lower Upper

117 100

119 0.0 76.6 115.0#

121 0.0 24.7 37.1#

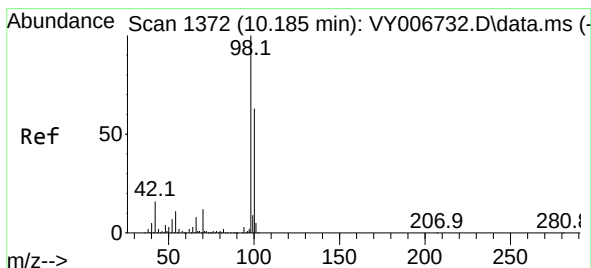
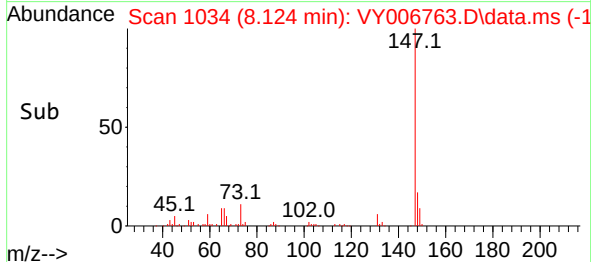
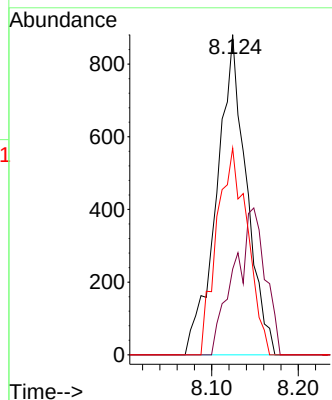
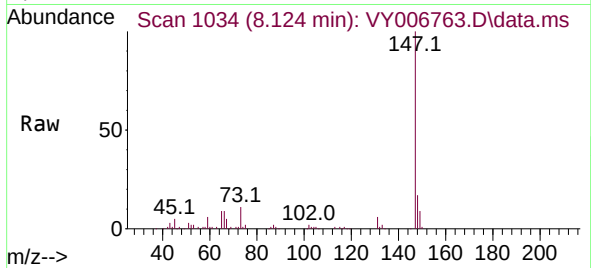




#43
Isopropyl Acetate
Concen: 1.811 ug/l
RT: 8.124 min Scan# 1034
Delta R.T. -0.159 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

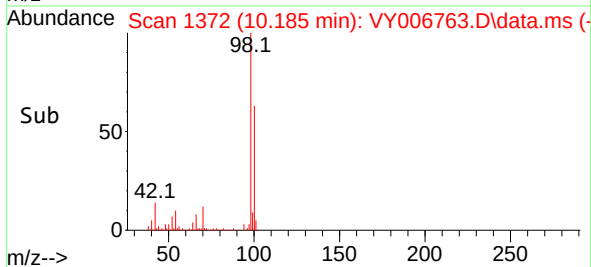
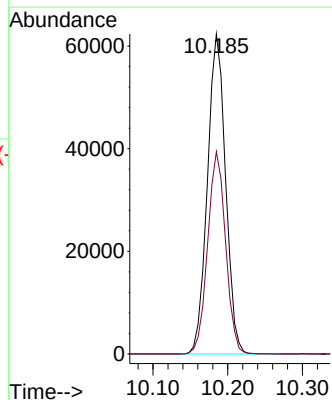
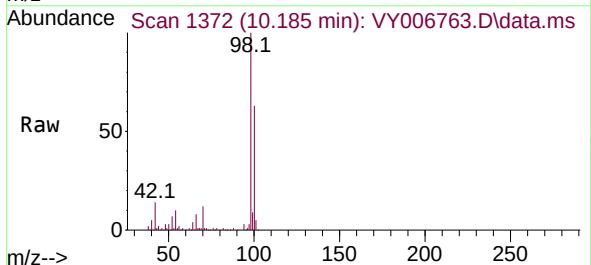
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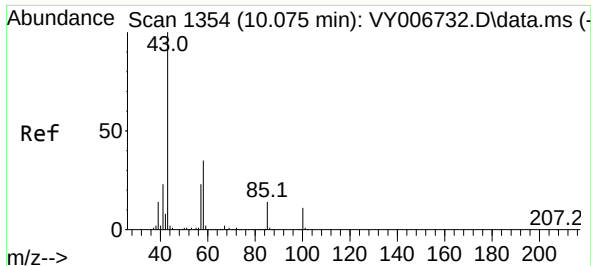
Tgt Ion: 43 Resp: 2099
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 66.6 9.0 13.6#



#50
Toluene-d8
Concen: 48.715 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

Tgt Ion: 98 Resp: 105286
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3

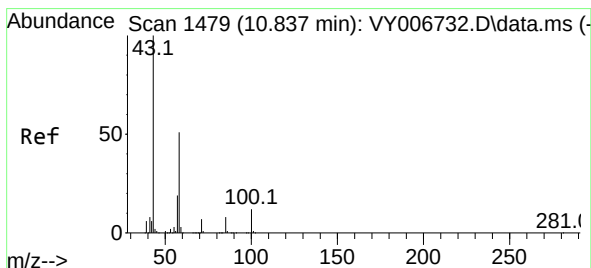
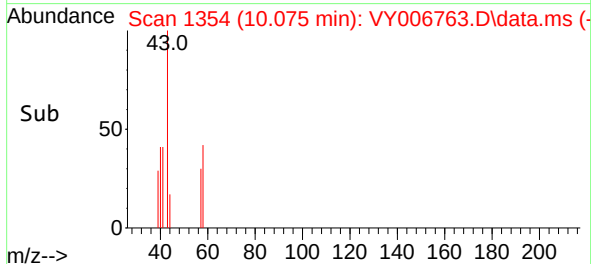
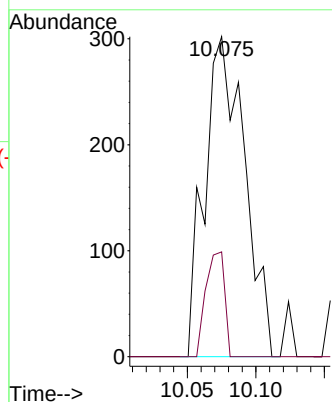
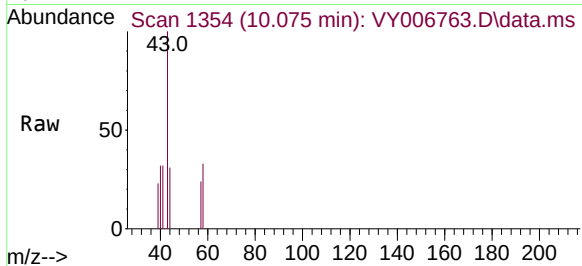




#51
4-Methyl-2-Pentanone
Concen: 1.004 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

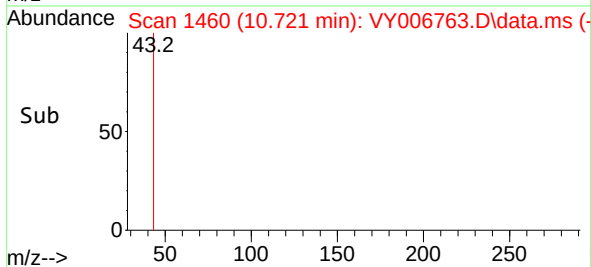
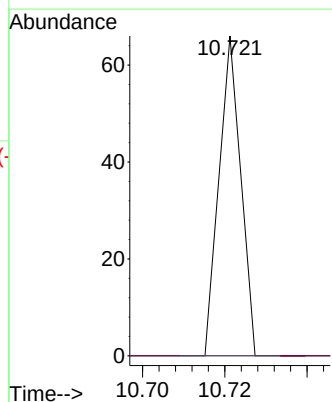
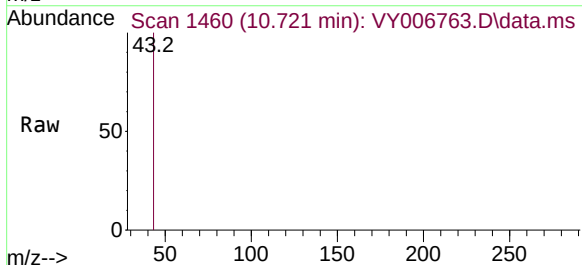
Instrument :
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MF-SOIL-P2

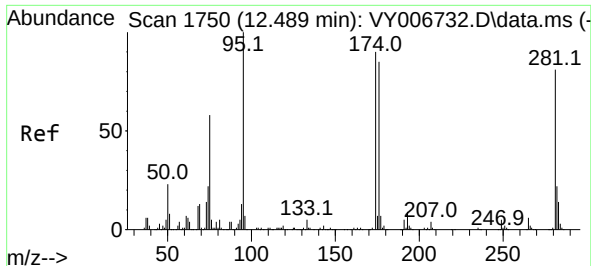
Tgt Ion: 43 Resp: 613
Ion Ratio Lower Upper
43 100
58 15.3 28.7 43.1#



#59
2-Hexanone
Concen: 23.865 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.116 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

Tgt Ion: 43 Resp: 24
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.6#

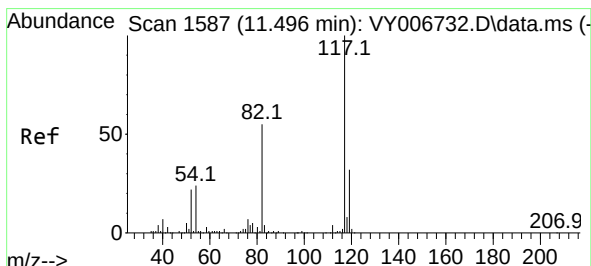
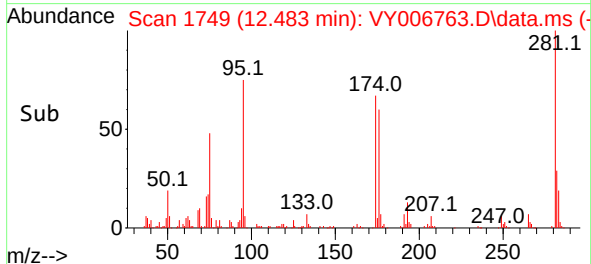
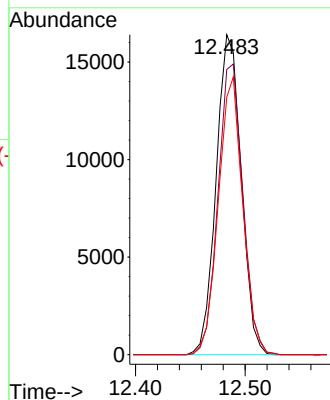
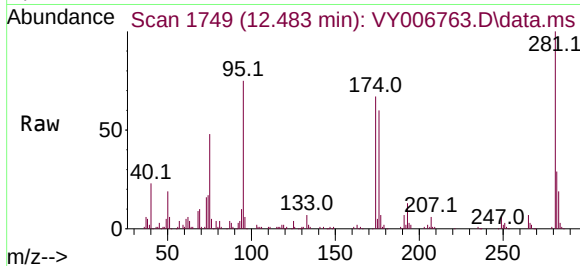




#62
4-Bromofluorobenzene
Concen: 35.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

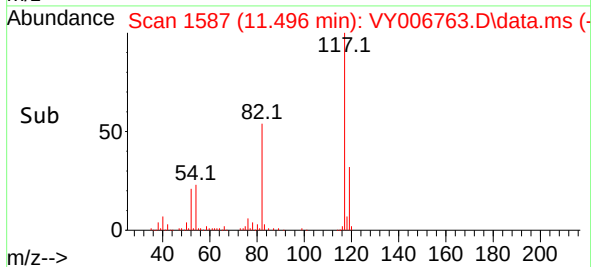
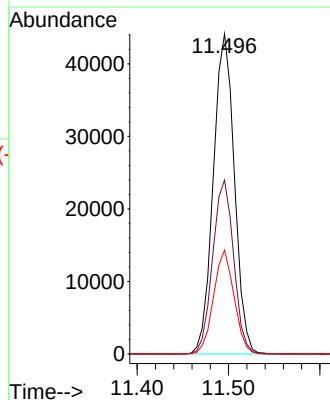
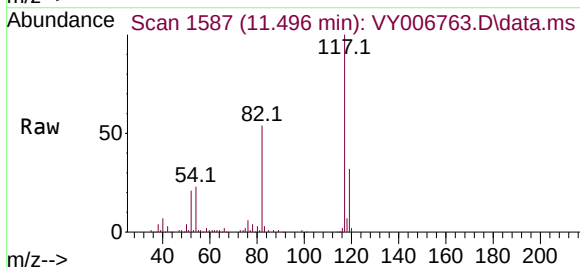
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

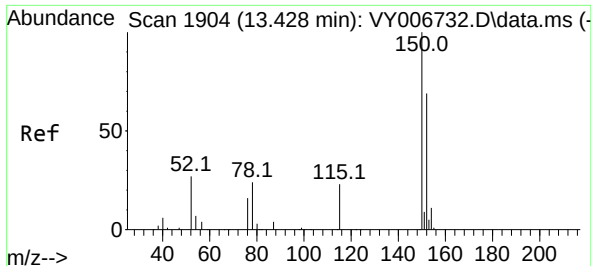
Tgt Ion: 95 Resp: 26068
Ion Ratio Lower Upper
95 100
174 90.3 0.0 177.0
176 84.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

Tgt Ion: 117 Resp: 70720
Ion Ratio Lower Upper
117 100
82 54.4 45.7 68.5
119 32.5 25.5 38.3

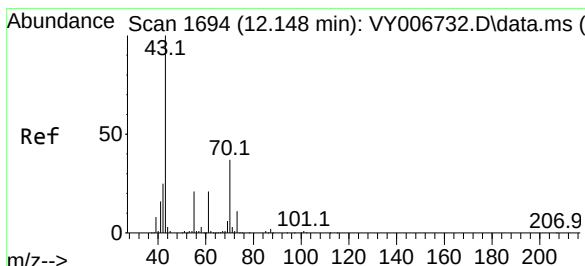
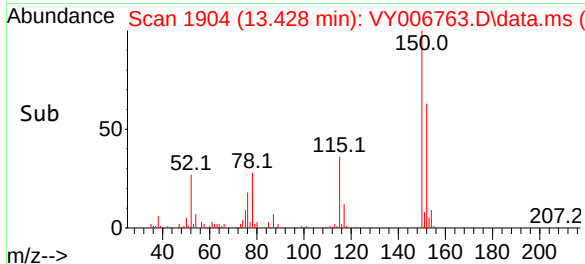
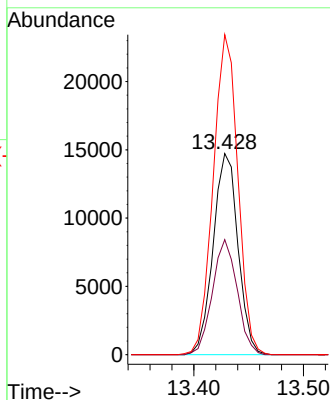
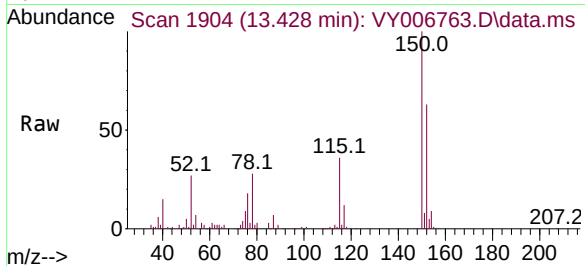




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

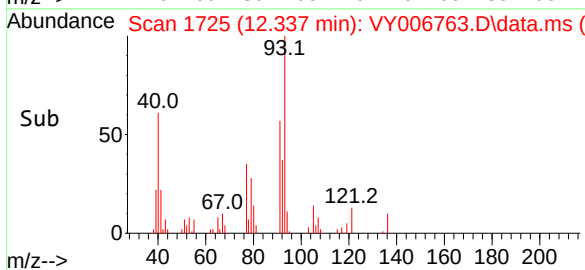
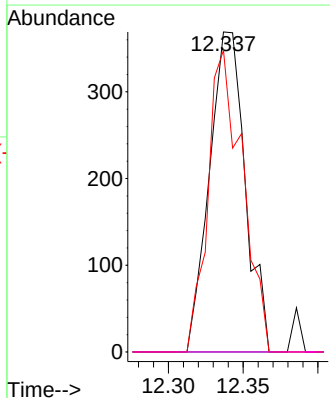
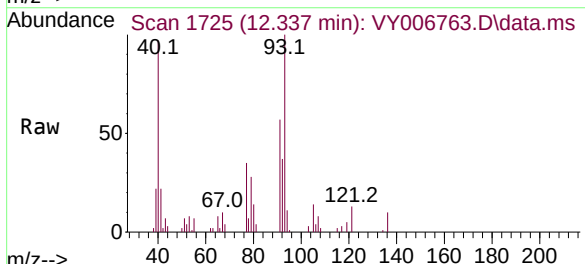
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

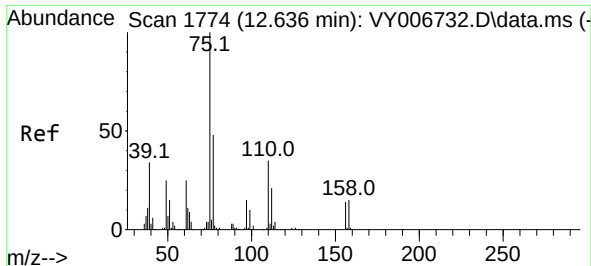
Tgt Ion:152 Resp: 23175
Ion Ratio Lower Upper
152 100
115 57.0 28.5 85.5
150 158.0 0.0 348.2



#74
N-ethyl acetate
Concen: 4.056 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.189 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
70 0.0 29.4 44.0#
55 91.1 18.1 27.1#
61 0.0 17.6 26.4#

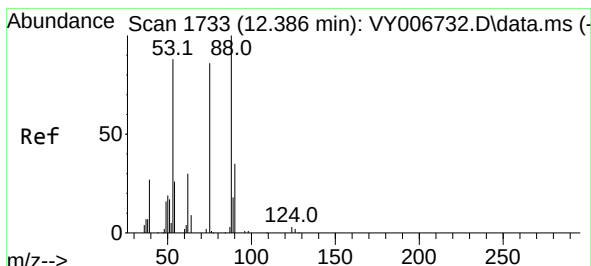
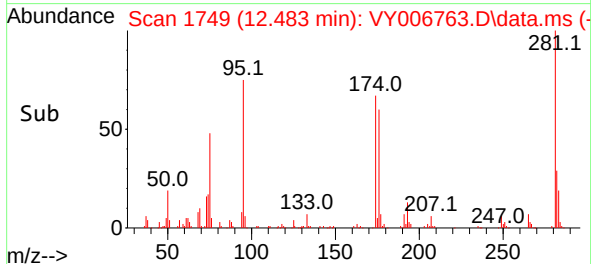
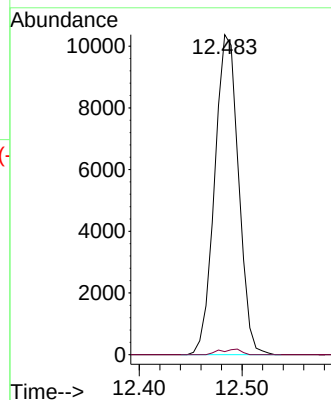
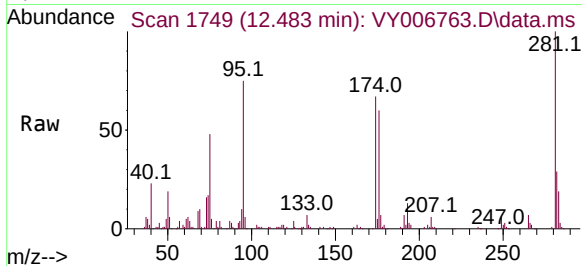




#76
1,2,3-Trichloropropane
Concen: 66.283 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P2

Tgt Ion: 75 Resp: 16701
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.339 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006763.D
Acq: 16 Nov 2021 15:50

Tgt Ion: 75 Resp: 16701
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.7 39.3 58.9#

