

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111621\
 Data File : VY006765.D
 Acq On : 16 Nov 2021 16:37
 Operator : SY/MD
 Sample : M4674-07
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MF-SOIL-P4

Quant Time: Nov 17 04:08:21 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)

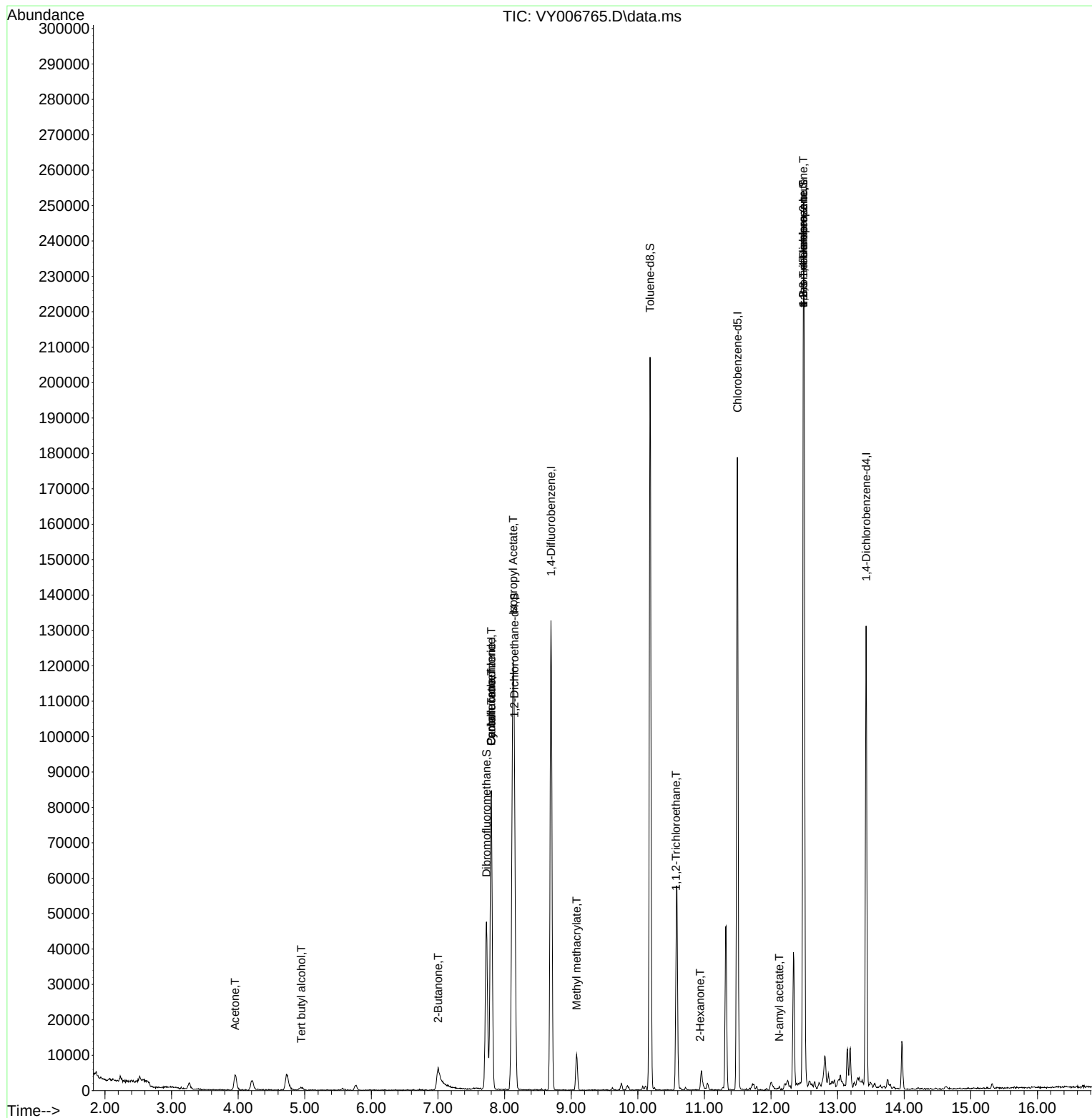
Internal Standards						
1) Pentafluorobenzene	7.801	168	63446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	103079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	86352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40192	48.335	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.660%		
35) Dibromofluoromethane	7.728	113	31038	49.021	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.040%		
50) Toluene-d8	10.185	98	127850	48.797	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.483	95	34195	38.714	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.420%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	920	7.357	ug/l #	81
16) Acetone	3.954	43	8009	31.701	ug/l	99
25) 2-Butanone	7.002	43	799	13.575	ug/l #	52
31) Cyclohexane	7.801	56	1636	1.119	ug/l #	13
38) Carbon Tetrachloride	7.801	117	6281	5.481	ug/l #	15
43) Isopropyl Acetate	8.130	43	3323	2.365	ug/l #	13
48) Methyl methacrylate	9.081	41	2617	3.931	ug/l #	40
55) 1,1,2-Trichloroethane	10.575	97	868	1.534	ug/l #	21
59) 2-Hexanone	10.935	43	113	24.004	ug/l #	28
74) N-amyl acetate	12.123	43	314	3.512	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	20800	63.937	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	20800	126.690	ug/l #	7

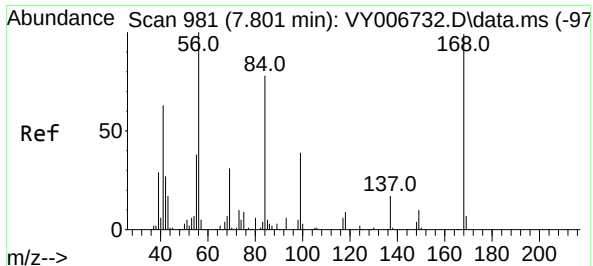
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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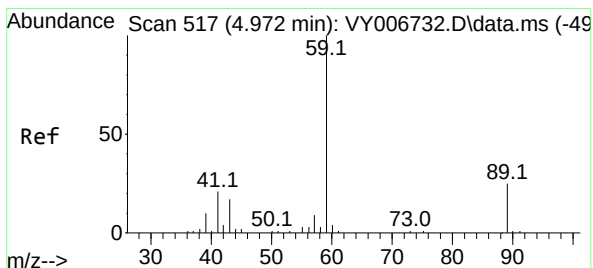
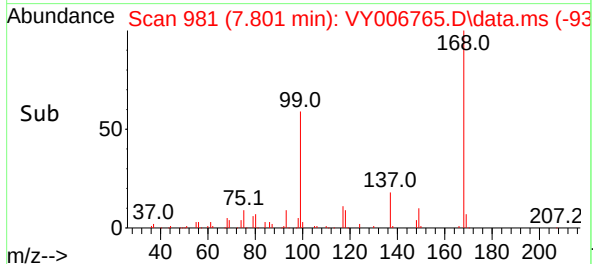
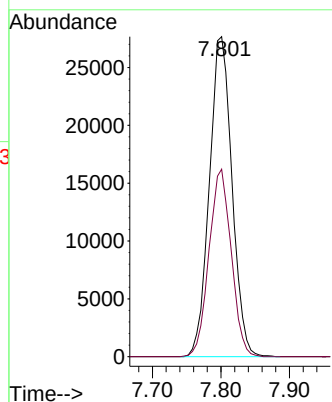
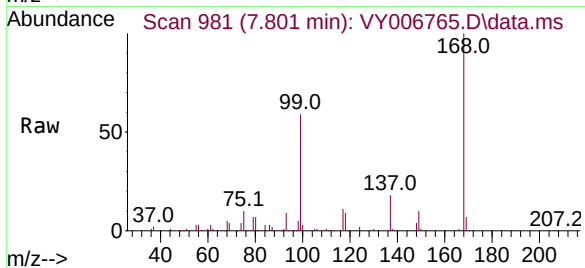




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

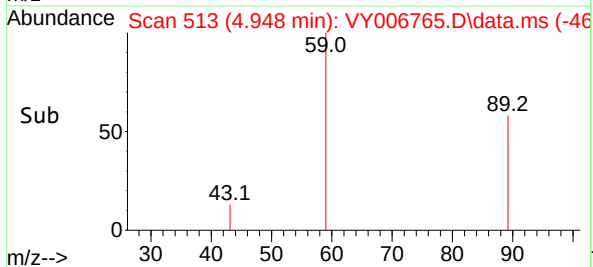
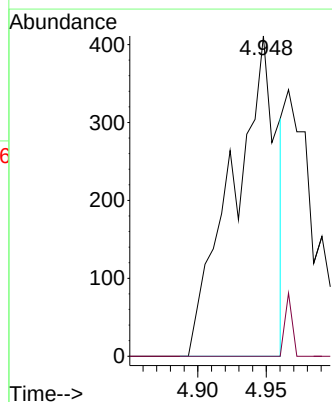
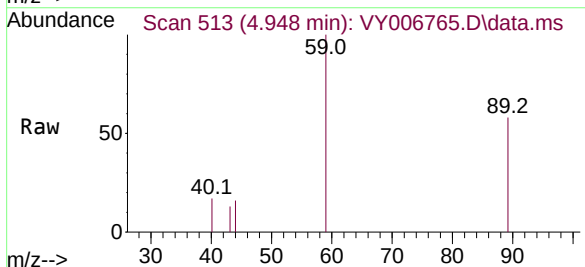
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

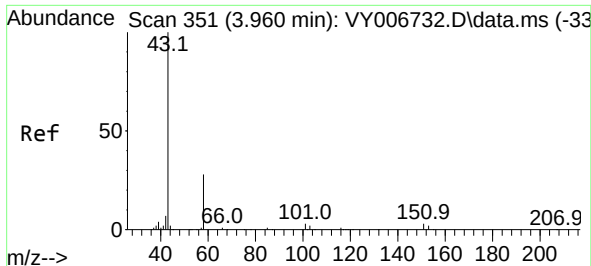
Tgt Ion:168 Resp: 63446
Ion Ratio Lower Upper
168 100
99 58.6 44.8 67.2



#11
Tert butyl alcohol
Concen: 7.357 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.024 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

Tgt Ion: 59 Resp: 920
Ion Ratio Lower Upper
59 100
57 3.3 8.2 12.4#

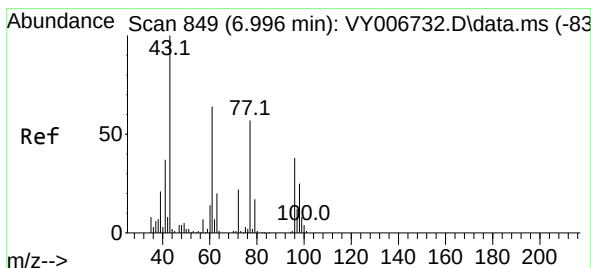
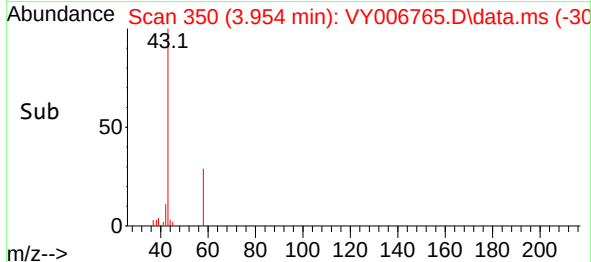
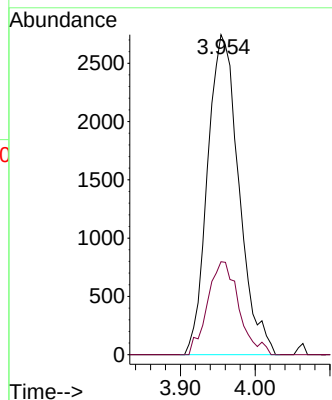
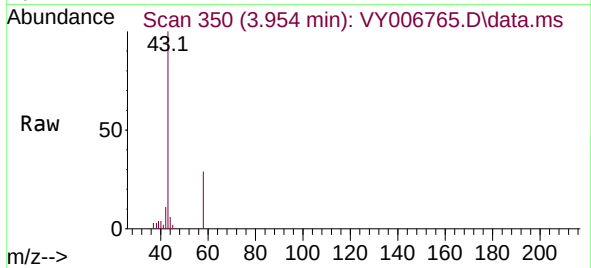




#16
Acetone
Concen: 31.701 ug/l
RT: 3.954 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

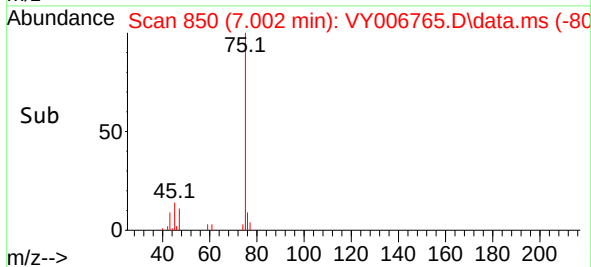
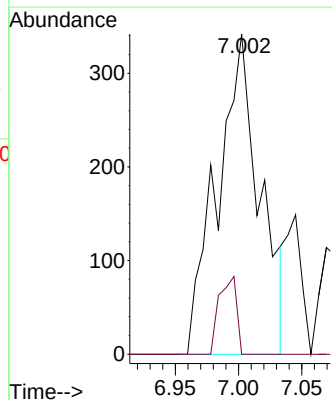
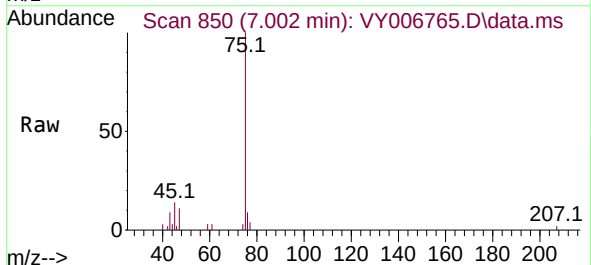
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

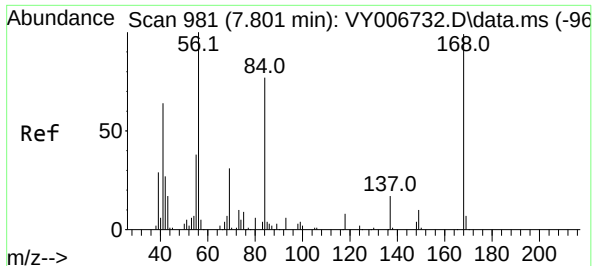
Tgt Ion: 43 Resp: 8009
Ion Ratio Lower Upper
43 100
58 29.1 22.9 34.3



#25
2-Butanone
Concen: 13.575 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

Tgt Ion: 43 Resp: 799
Ion Ratio Lower Upper
43 100
72 0.0 18.9 28.3#

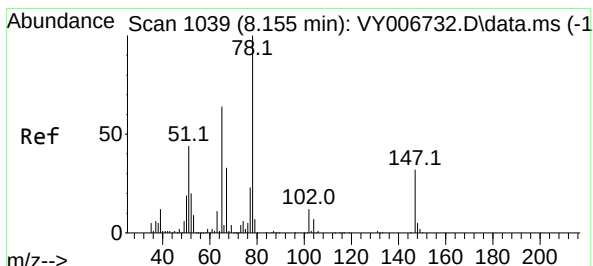
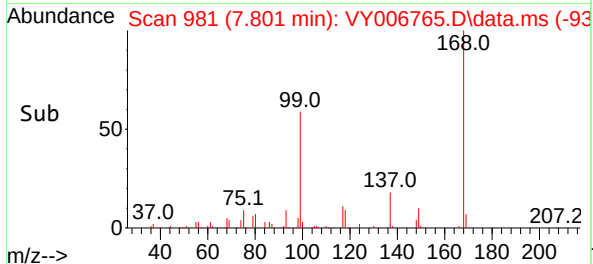
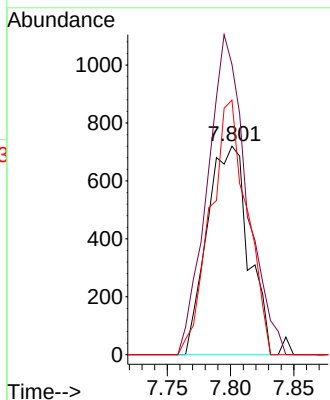
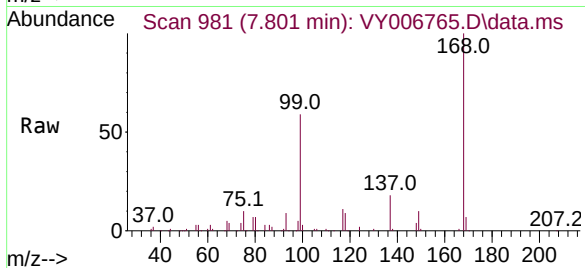




#31
Cyclohexane
Concen: 1.119 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

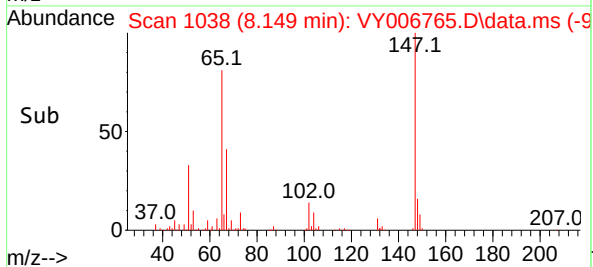
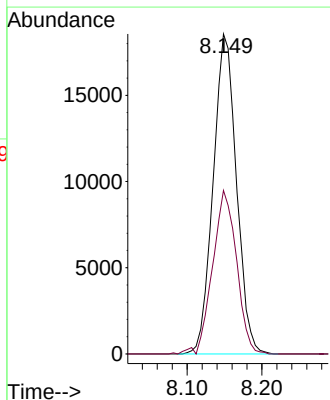
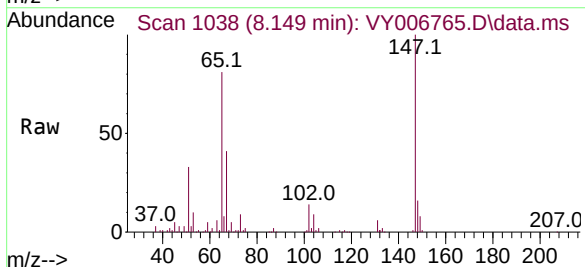
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

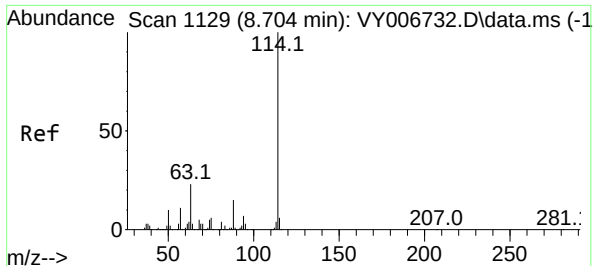
Tgt Ion: 56 Resp: 1636
Ion Ratio Lower Upper
56 100
69 139.2 26.6 40.0#
84 122.1 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 48.335 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

Tgt Ion: 65 Resp: 40192
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: VY006765.D

Acq: 16 Nov 2021 16:37

Instrument :

MSVOA_Y

ClientSampleId :

MF-SOIL-P4

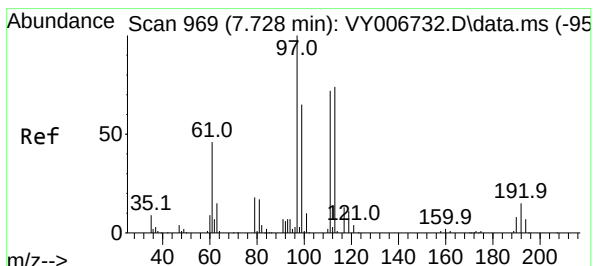
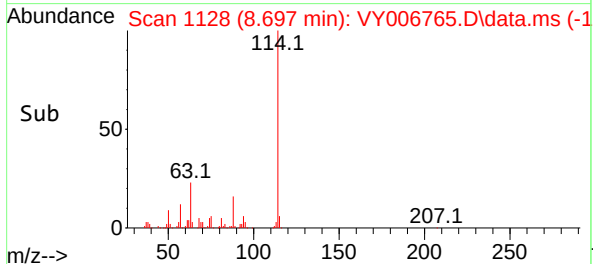
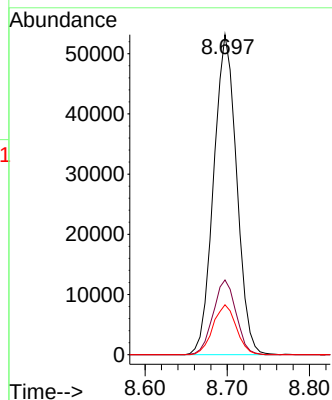
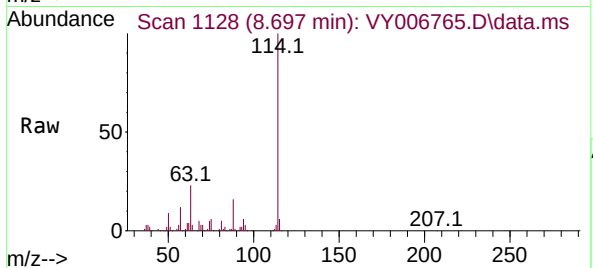
Tgt Ion:114 Resp: 103079

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.021 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY006765.D

Acq: 16 Nov 2021 16:37

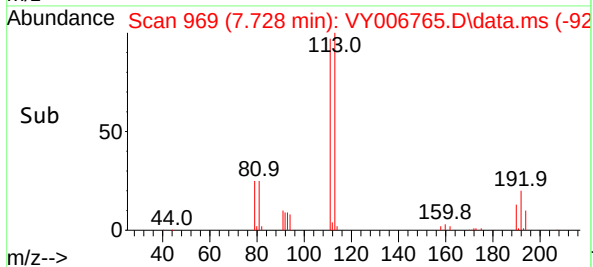
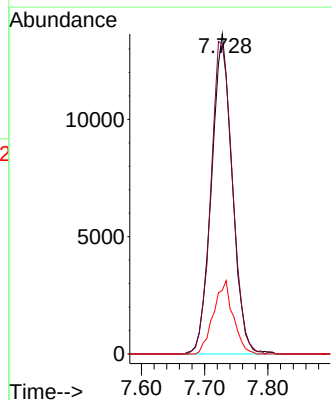
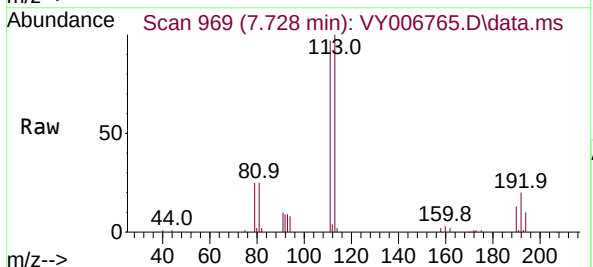
Tgt Ion:113 Resp: 31038

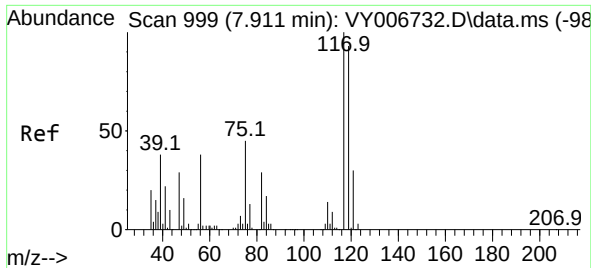
Ion Ratio Lower Upper

113 100

111 101.3 82.3 123.5

192 21.6 17.4 26.2

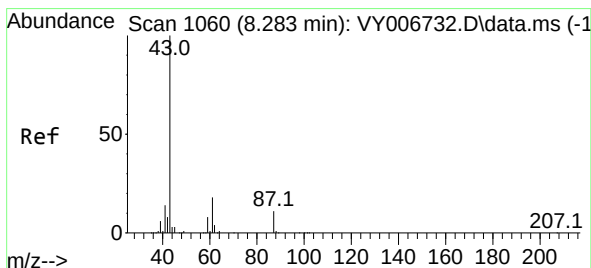
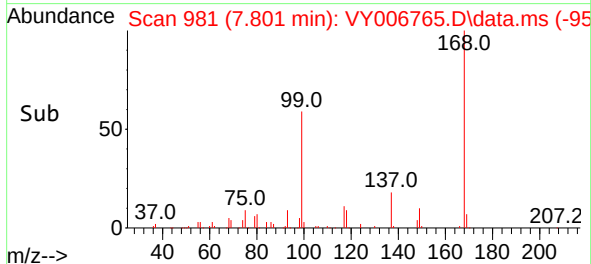
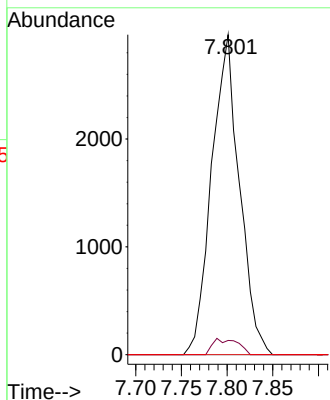
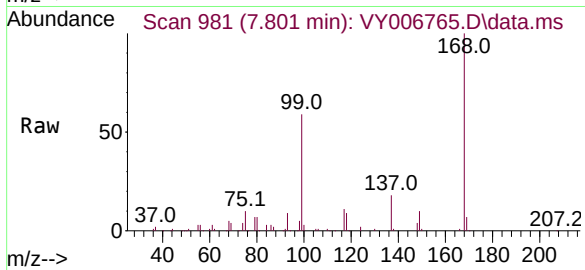




#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

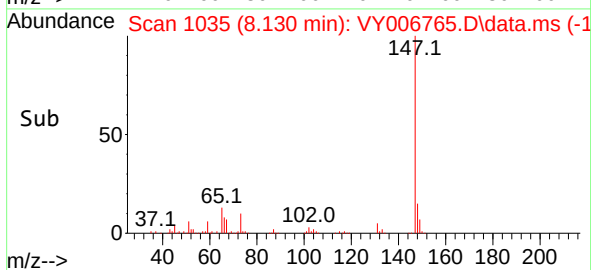
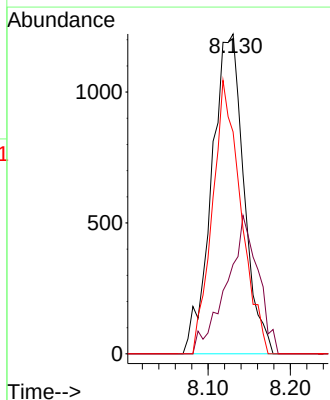
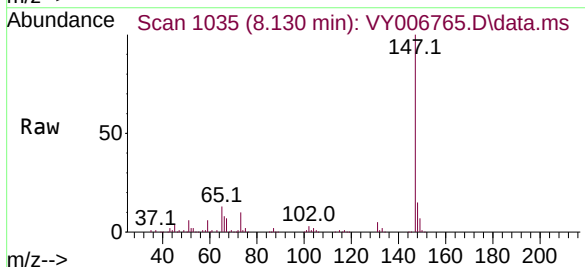
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

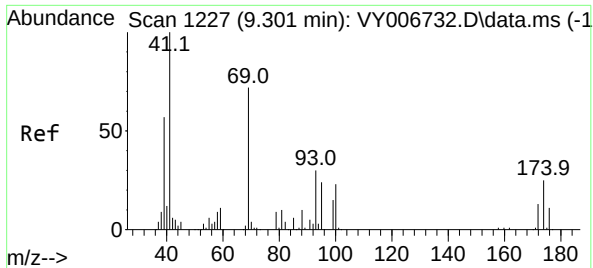
Tgt Ion:117 Resp: 6281
Ion Ratio Lower Upper
117 100
119 4.4 76.6 115.0#
121 0.0 24.7 37.1#



#43
Isopropyl Acetate
Concen: 2.365 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.153 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

Tgt Ion: 43 Resp: 3323
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 75.5 9.0 13.6#

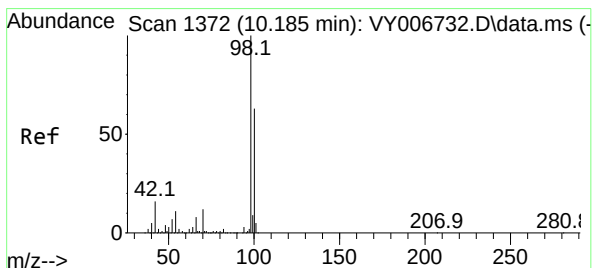
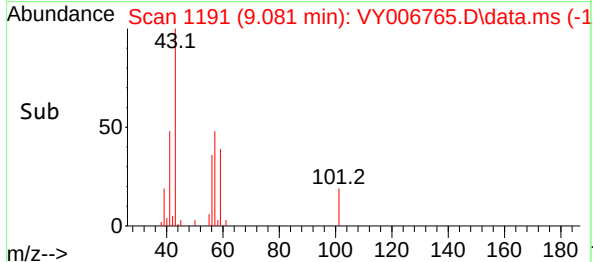
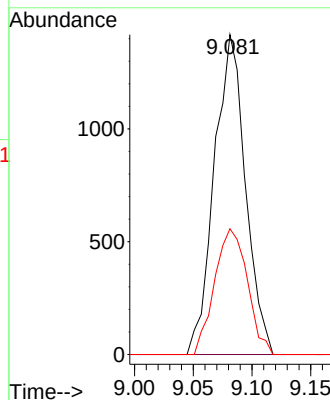
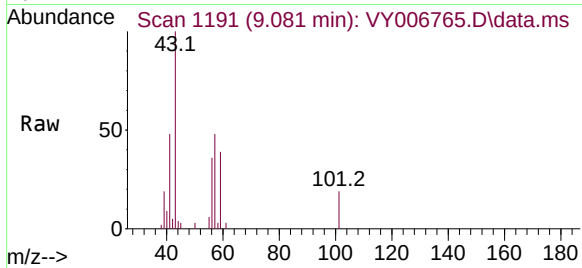




#48
Methyl methacrylate
Concen: 3.931 ug/l
RT: 9.081 min Scan# 1191
Delta R.T. -0.220 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

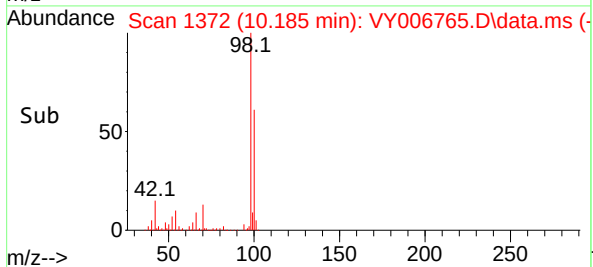
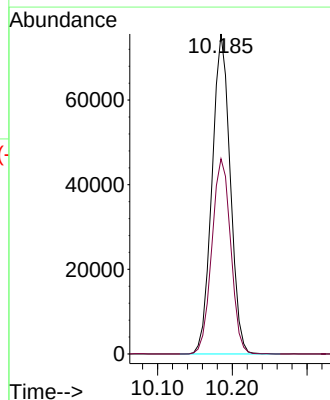
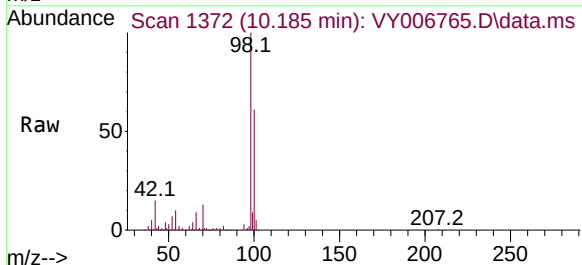
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ClientSampleId :
MF-SOIL-P4

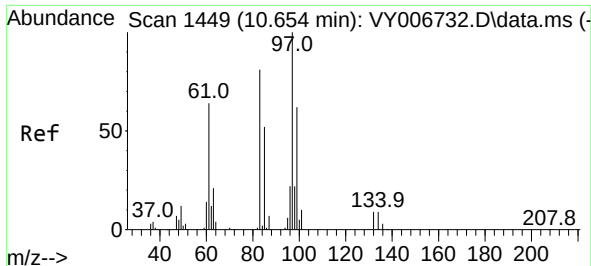
Tgt Ion: 41 Resp: 2617
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 41.4 48.2 72.2#



#50
Toluene-d8
Concen: 48.797 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

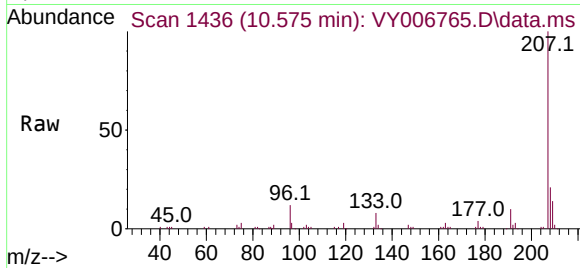
Tgt Ion: 98 Resp: 127850
Ion Ratio Lower Upper
98 100
100 63.1 50.9 76.3



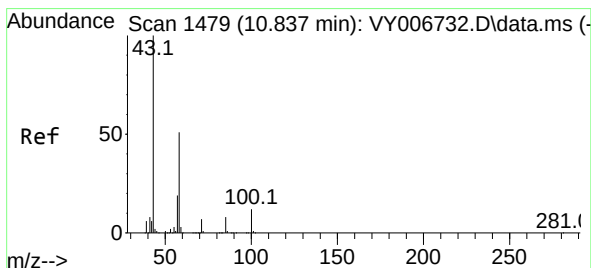
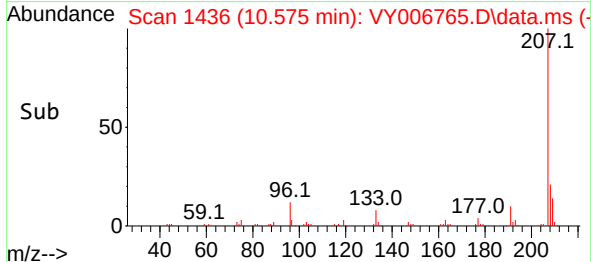
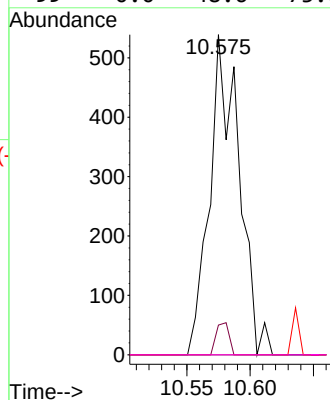


#55
1,1,2-Trichloroethane
Concen: 1.534 ug/l
RT: 10.575 min Scan# 1449
Delta R.T. -0.079 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

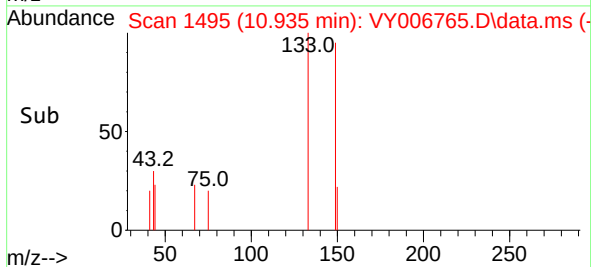
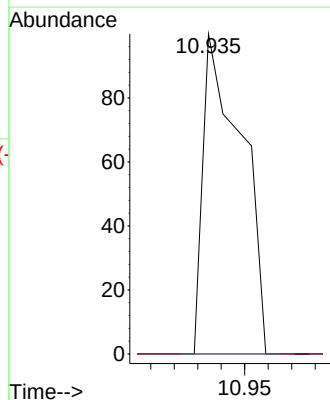
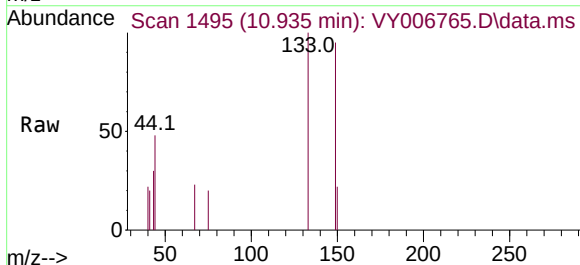


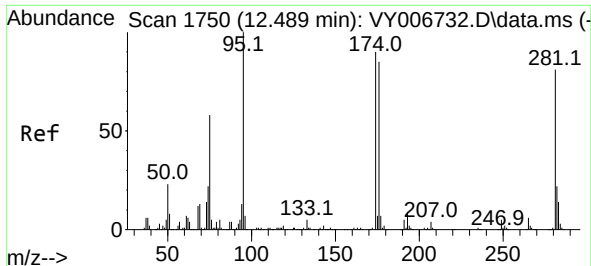
Tgt Ion	Ratio	Lower	Upper
97	100		
83	9.3	66.2	99.2#
85	0.0	42.2	63.4#
99	0.0	48.6	73.0#



#59
2-Hexanone
Concen: 24.004 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.098 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

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

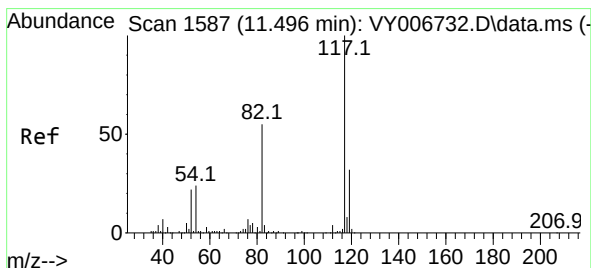
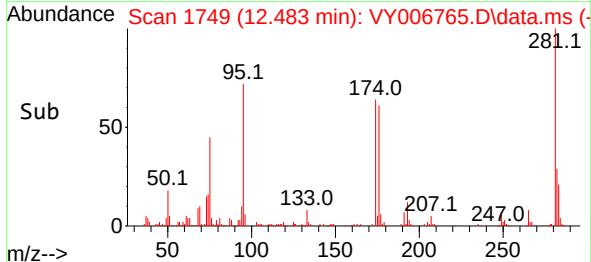
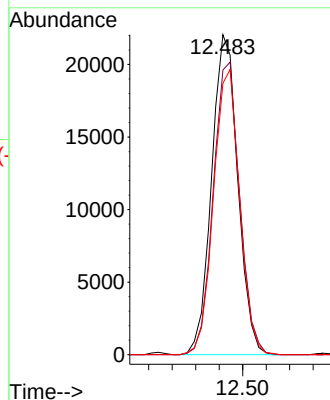
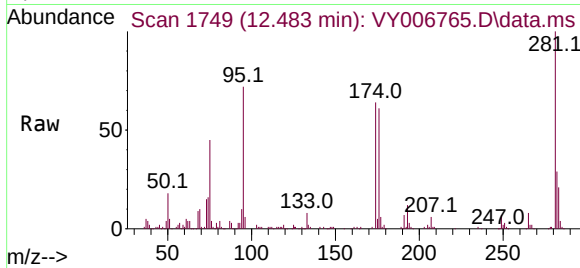




#62
4-Bromofluorobenzene
Concen: 38.714 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

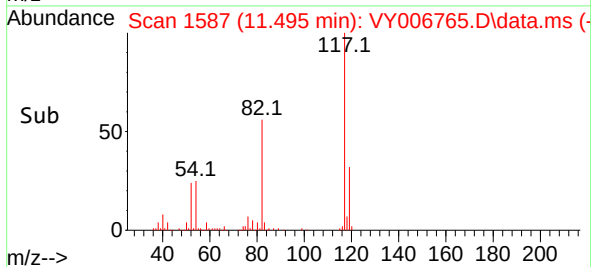
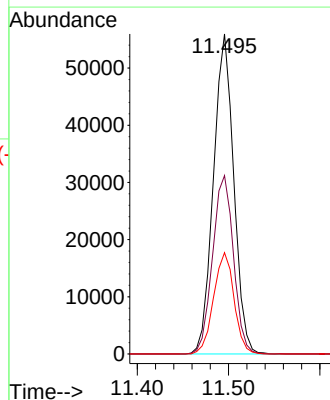
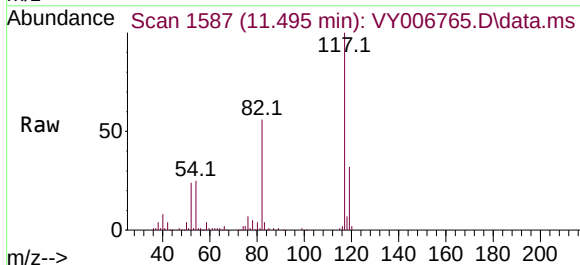
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

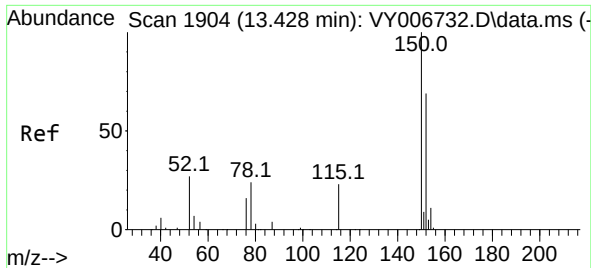
Tgt Ion: 95 Resp: 34195
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 88.7 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

Tgt Ion: 117 Resp: 86352
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 31.6 25.5 38.3

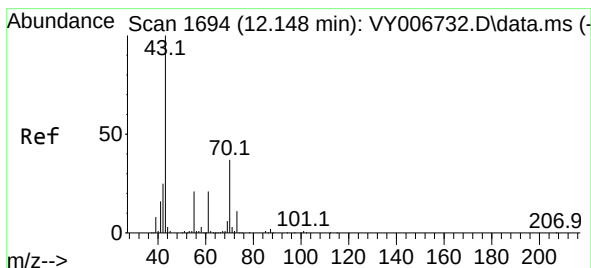
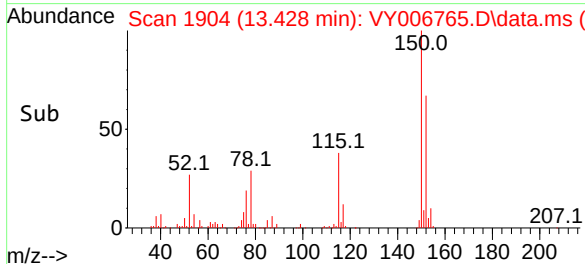
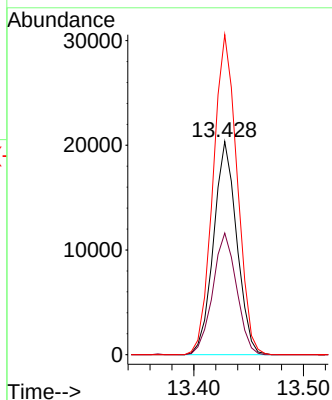
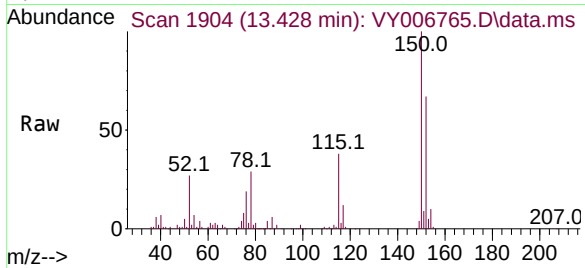




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

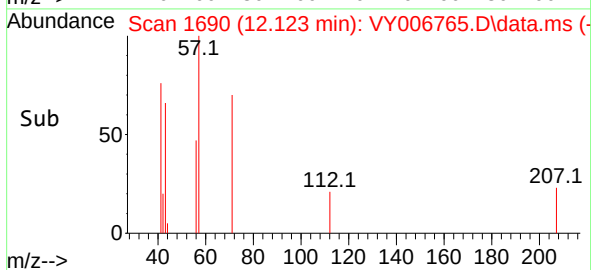
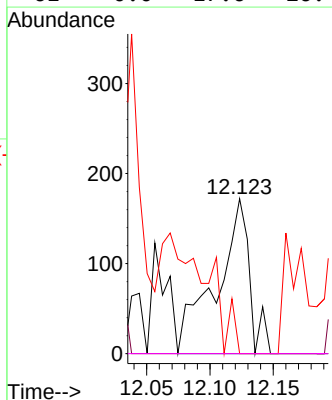
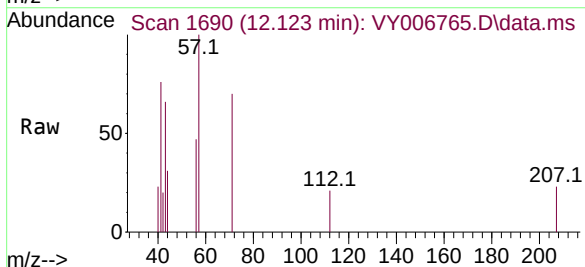
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

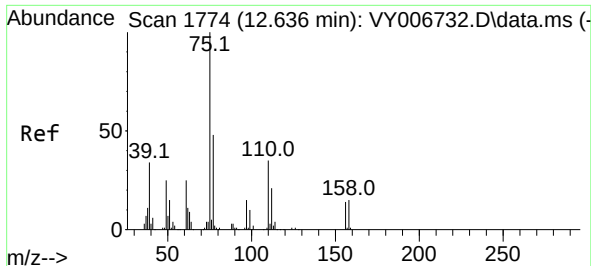
Tgt Ion:152 Resp: 29922
Ion Ratio Lower Upper
152 100
115 58.5 28.5 85.5
150 155.8 0.0 348.2



#74
N-ethyl acetate
Concen: 3.512 ug/l
RT: 12.123 min Scan# 1690
Delta R.T. -0.025 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

Tgt Ion: 43 Resp: 314
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#

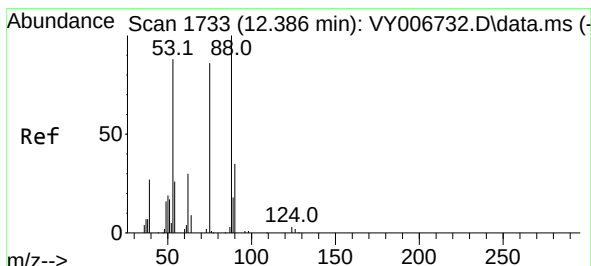
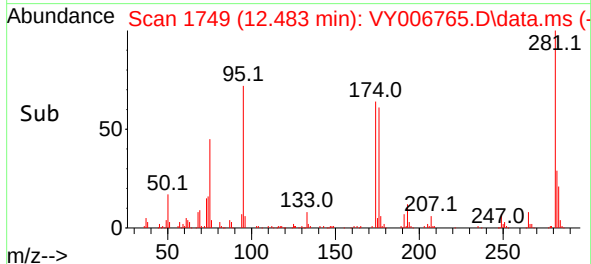
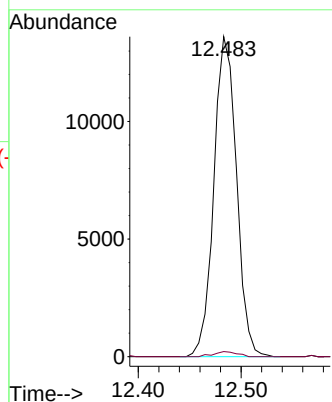
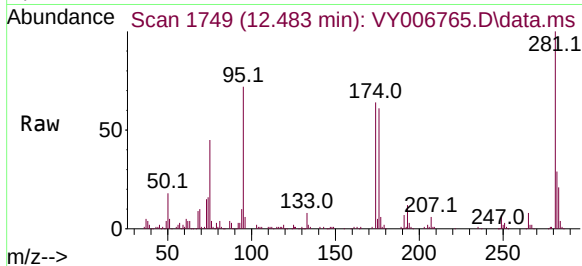




#76
1,2,3-Trichloropropane
Concen: 63.937 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

Tgt Ion: 75 Resp: 20800
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.690 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

Tgt Ion: 75 Resp: 20800
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 1.4 39.3 58.9#

