

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)

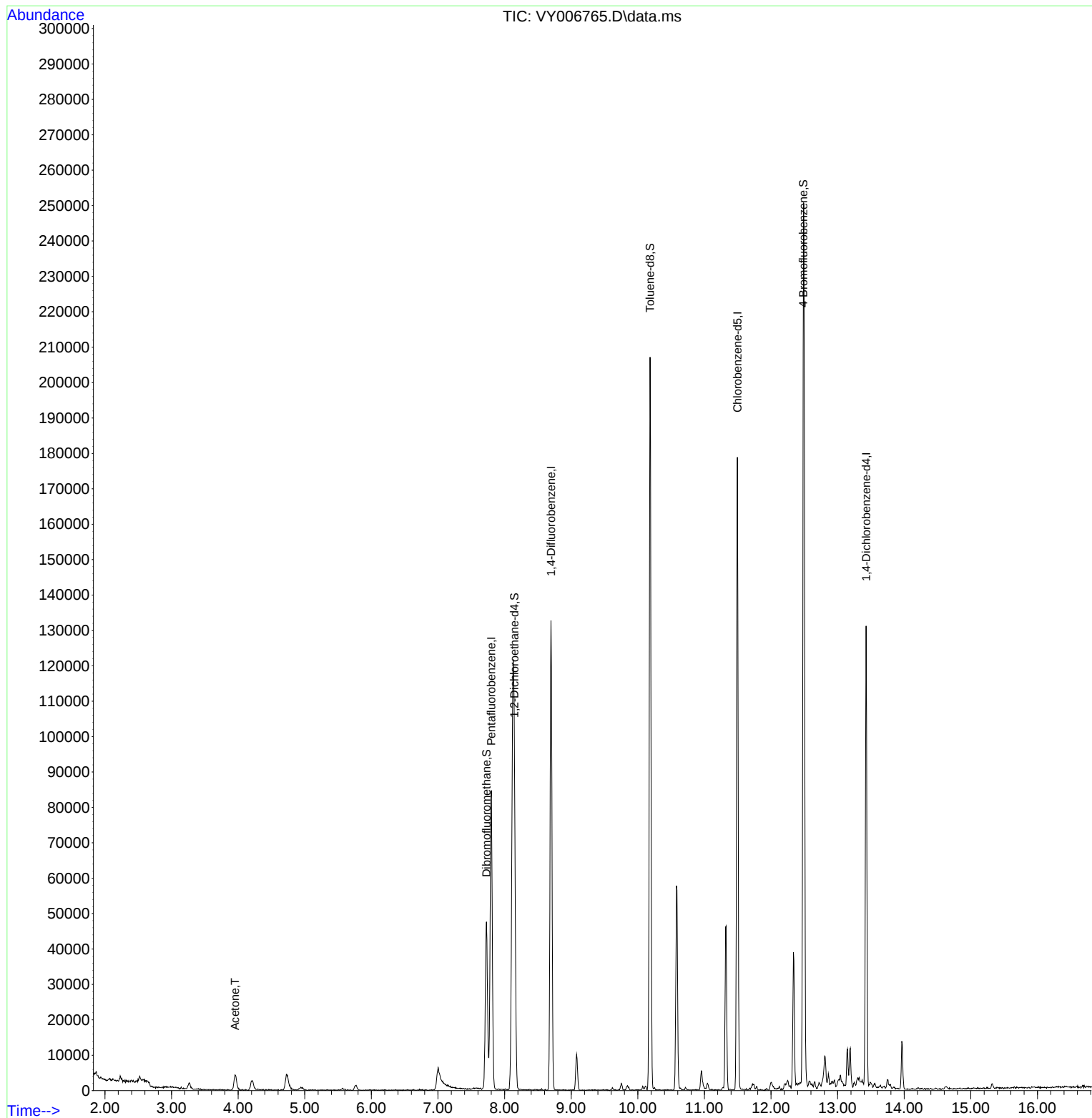
Internal Standards						
1) Pentafluorobenzene	7.801	168	63446	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	103079	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	86352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
16) Acetone	3.954	43	8009	31.701	ug/l	Qvalue 99

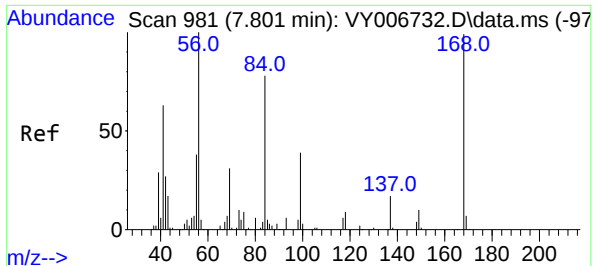
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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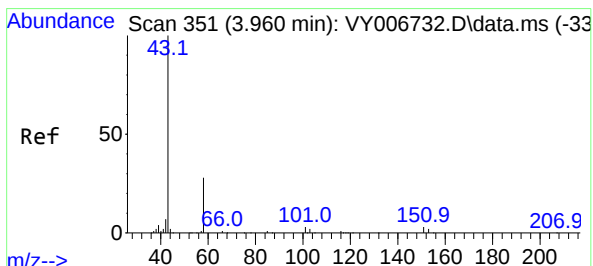
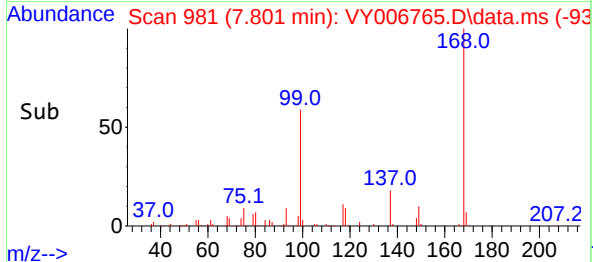
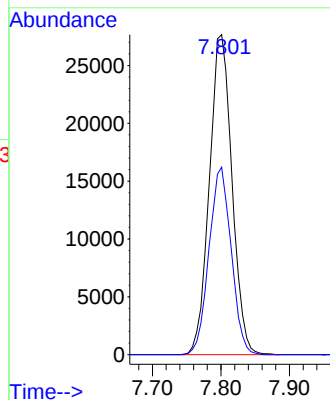
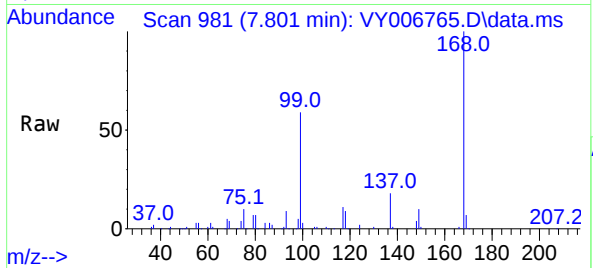




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

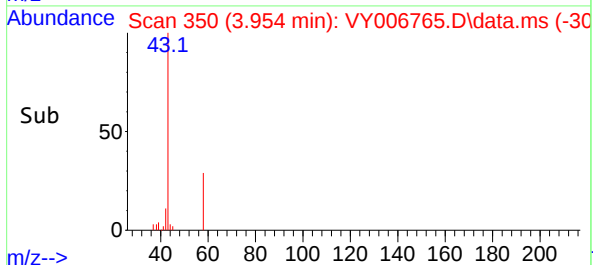
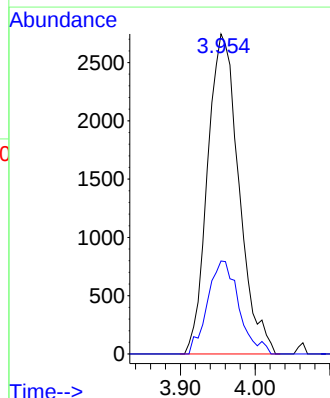
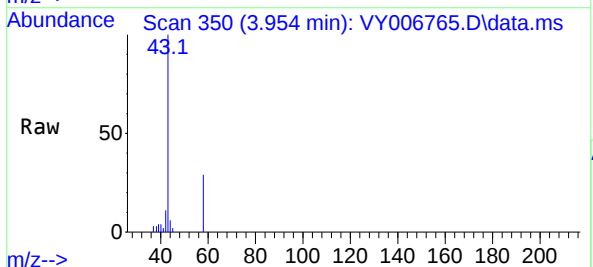
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

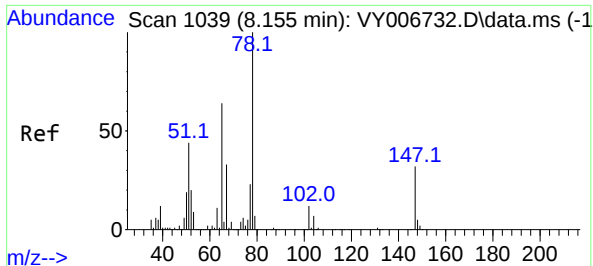
Tgt Ion:168 Resp: 63446
Ion Ratio Lower Upper
168 100
99 58.6 44.8 67.2



#16
Acetone
Concen: 31.701 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

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





#33

1,2-Dichloroethane-d4

Concen: 48.335 ug/l

RT: 8.149 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006765.D

Acq: 16 Nov 2021 16:37

Instrument :

MSVOA_Y

ClientSampleId :

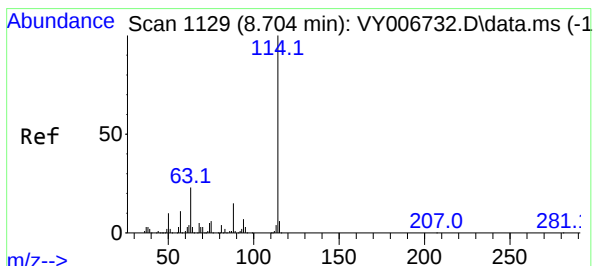
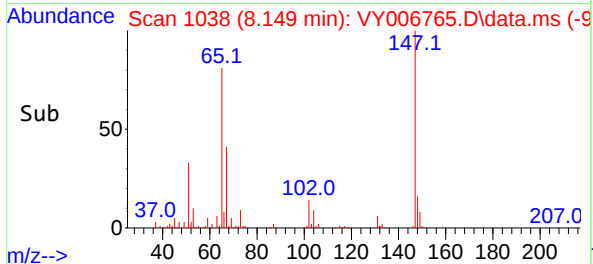
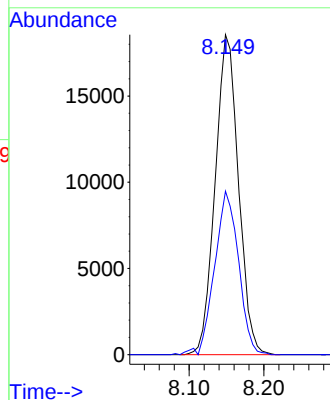
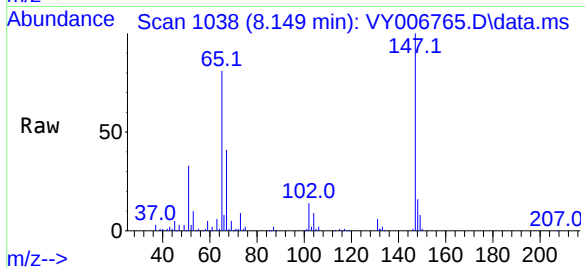
MF-SOIL-P4

Tgt Ion: 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

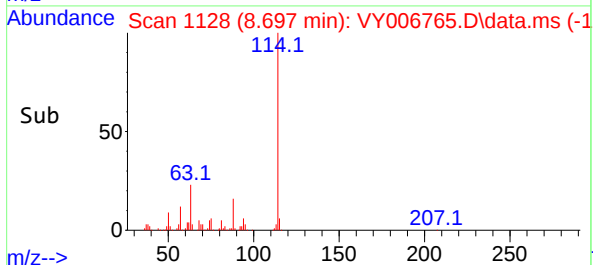
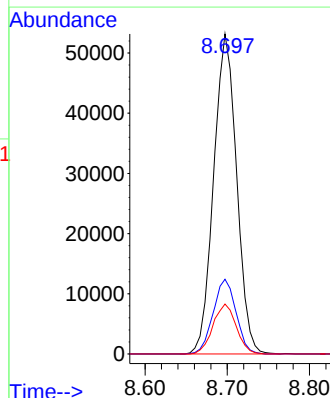
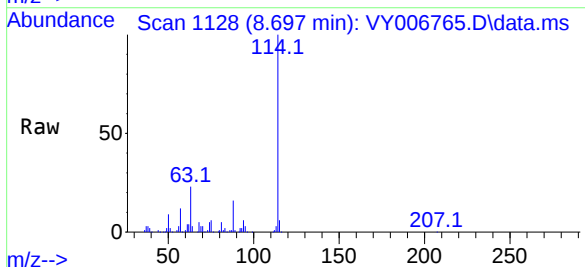
Tgt Ion: 114 Resp: 103079

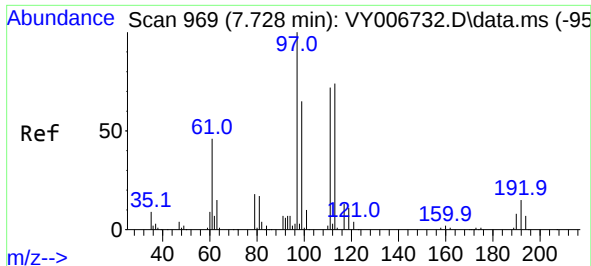
Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.0

88 15.6 0.0 30.6

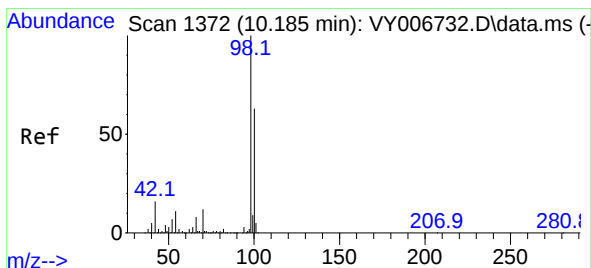
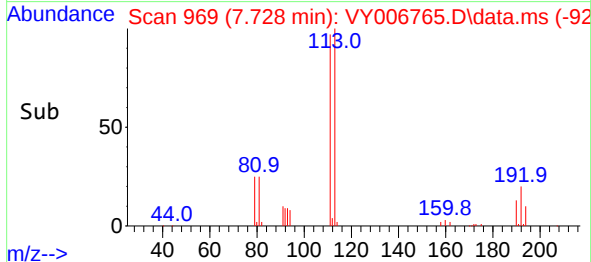
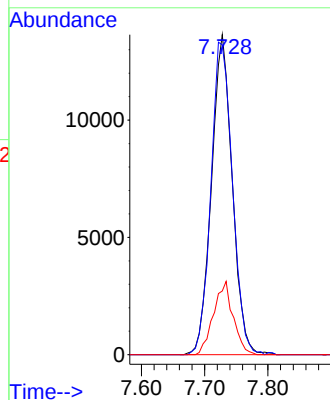
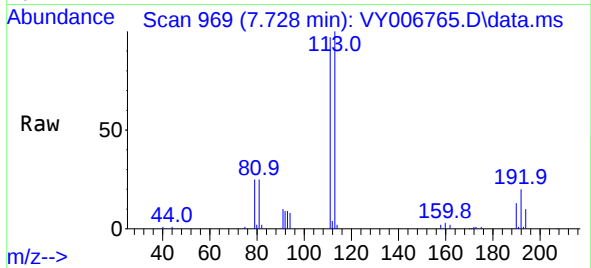




#35
Dibromofluoromethane
Concen: 49.021 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

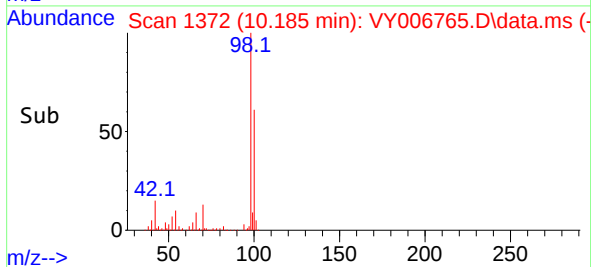
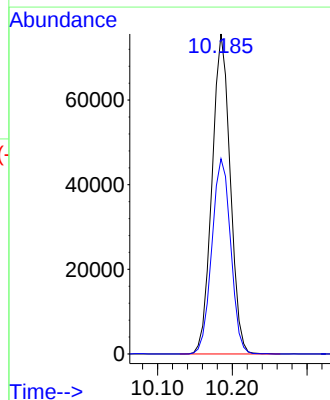
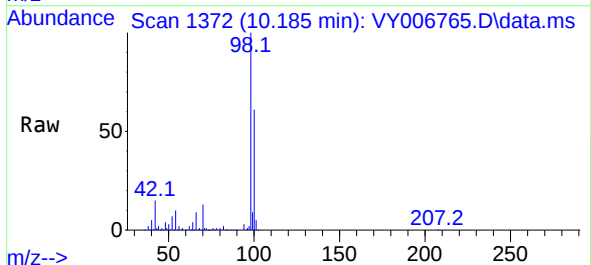
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

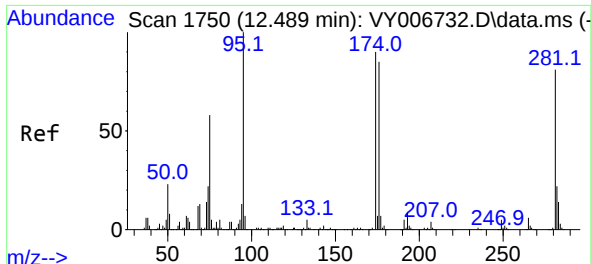
Tgt Ion:113 Resp: 31038
Ion Ratio Lower Upper
113 100
111 101.3 82.3 123.5
192 21.6 17.4 26.2



#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

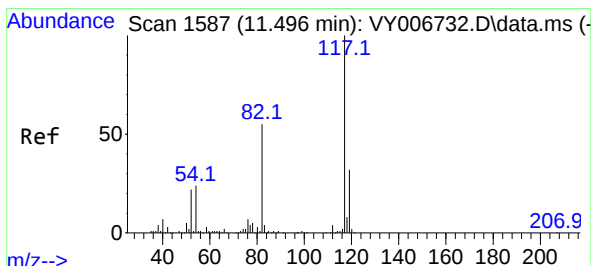
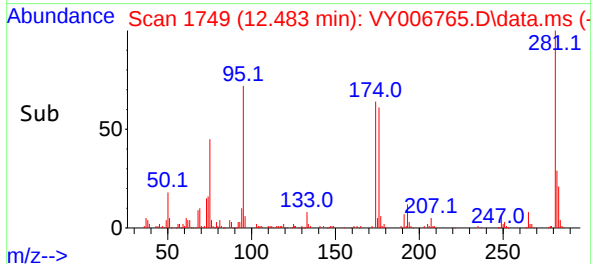
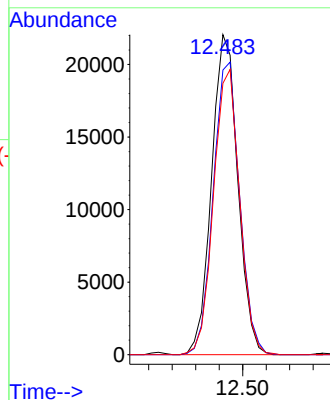
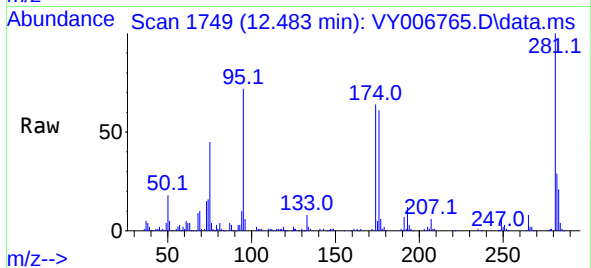




#62
4-Bromofluorobenzene
Concen: 38.714 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006765.D
Acq: 16 Nov 2021 16:37

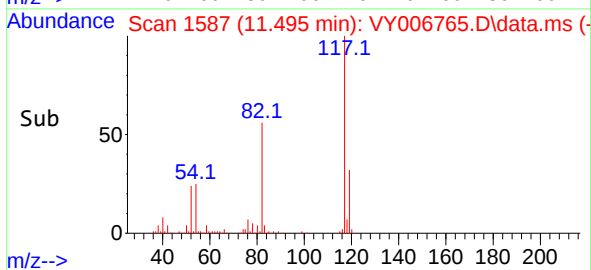
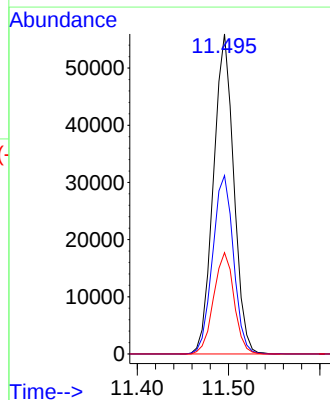
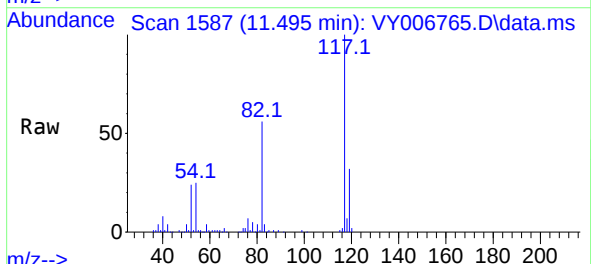
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P4

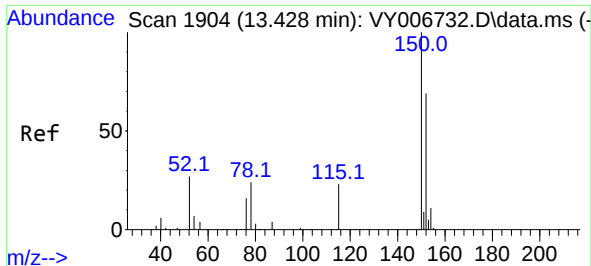
Tgt Ion: 95 Resp: 34195
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 88.7 0.0 169.4



#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

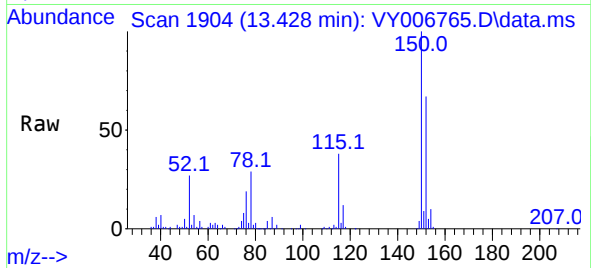
Tgt Ion: 117 Resp: 86352
Ion Ratio Lower Upper
117 100
82 55.8 45.7 68.5
119 31.6 25.5 38.3





#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

