

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%

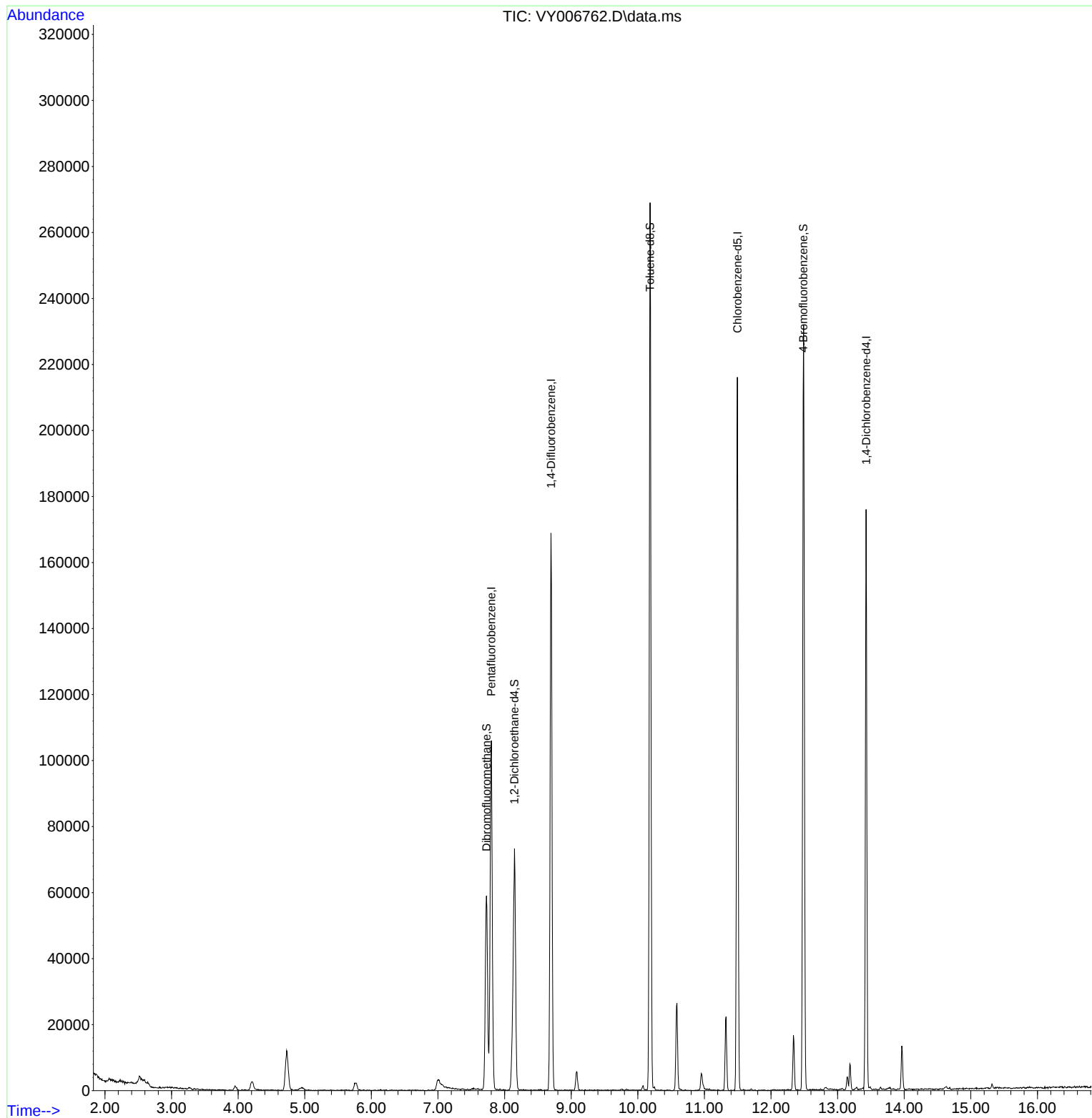
Target Compounds Qvalue

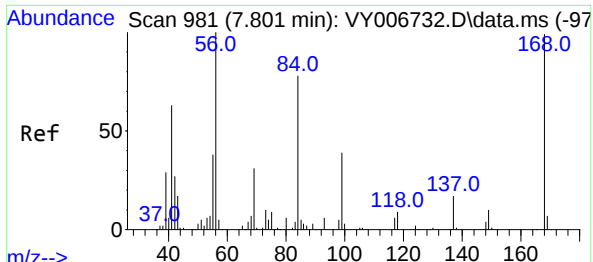
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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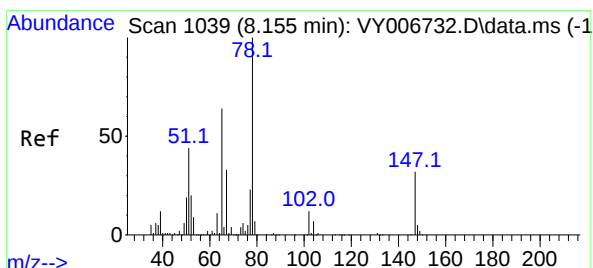
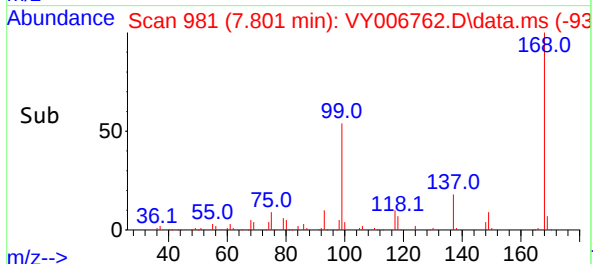
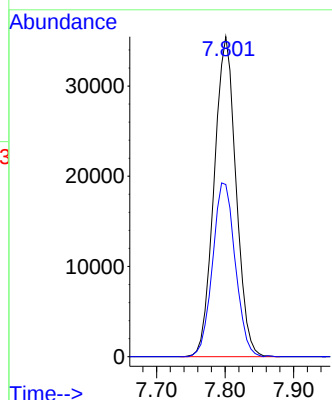
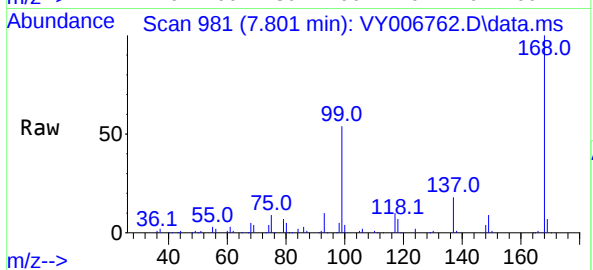




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

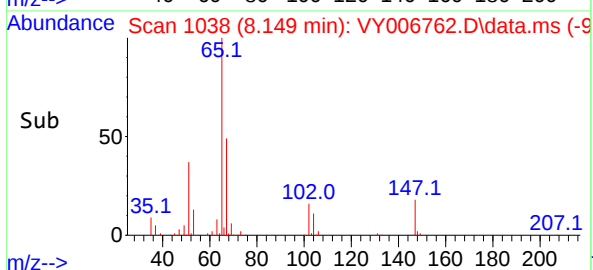
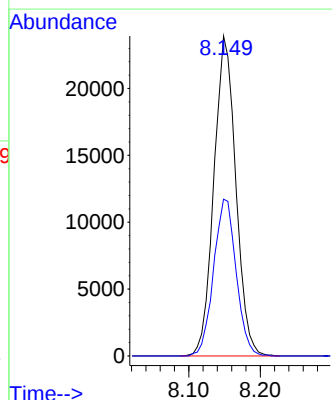
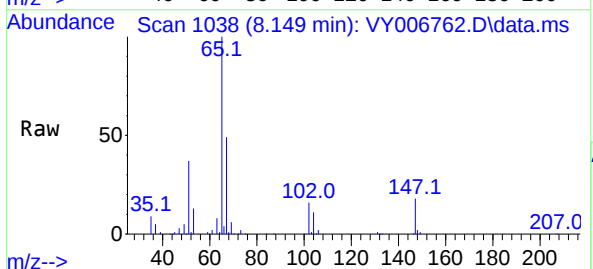
Instrument :
MSVOA_Y
ClientSampleId :
MF-SOIL-P1

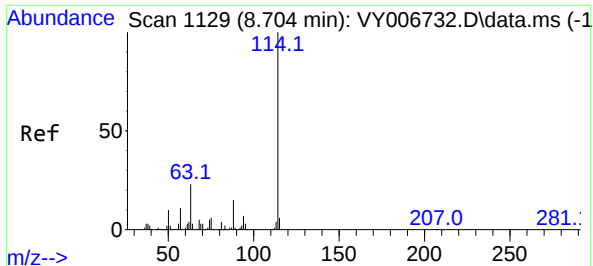
Tgt Ion:168 Resp: 78554
Ion Ratio Lower Upper
168 100
99 53.8 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 49.406 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

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

Instrument :

MSVOA_Y

ClientSampleId :

MF-SOIL-P1

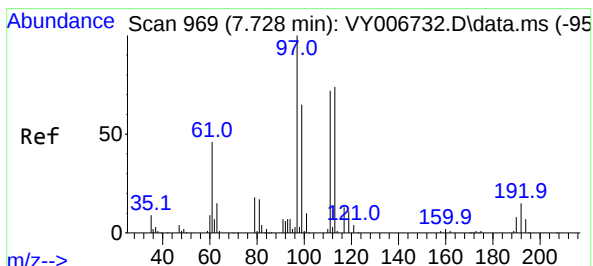
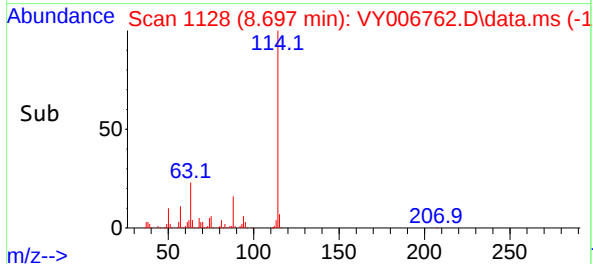
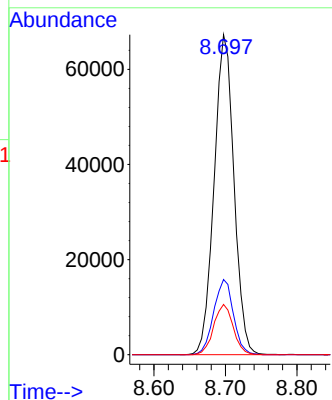
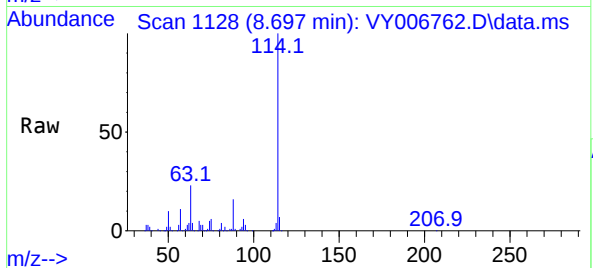
Tgt Ion:114 Resp: 129605

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# 969

Delta R.T. -0.000 min

Lab File: VY006762.D

Acq: 16 Nov 2021 15:26

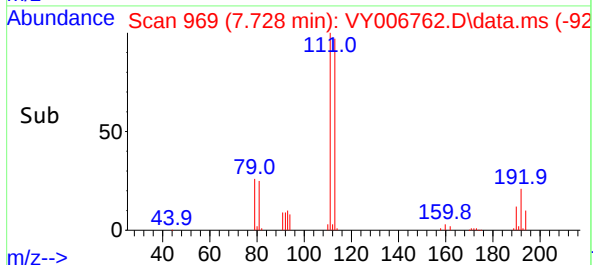
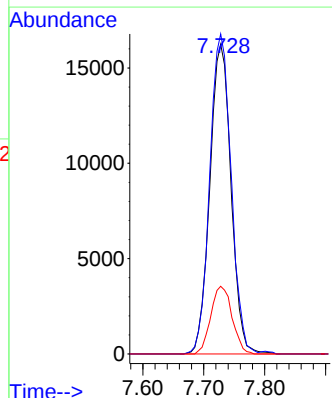
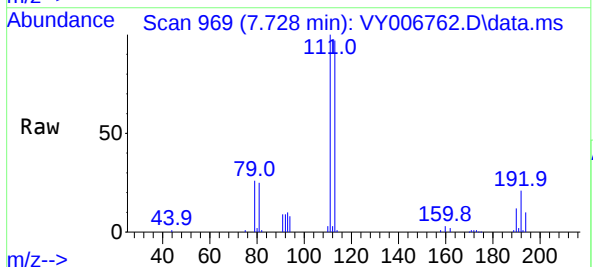
Tgt Ion:113 Resp: 39221

Ion Ratio Lower Upper

113 100

111 103.9 82.3 123.5

192 21.9 17.4 26.2

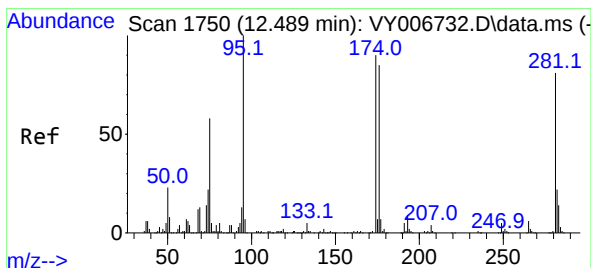
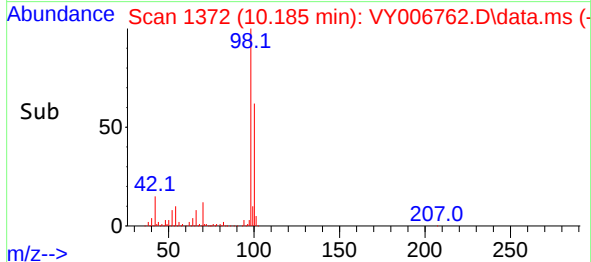
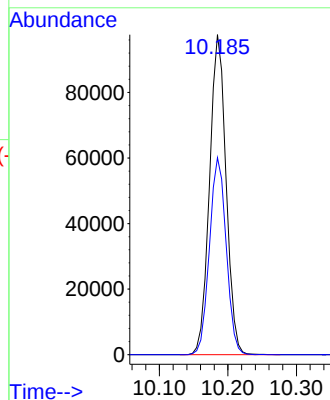
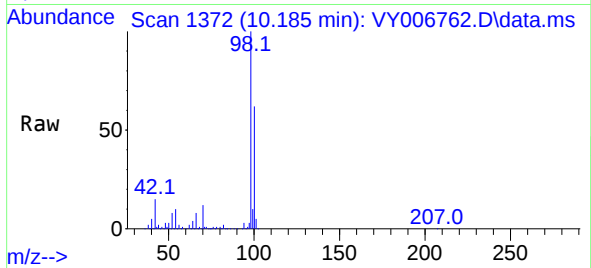




#50
Toluene-d8
Concen: 49.714 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

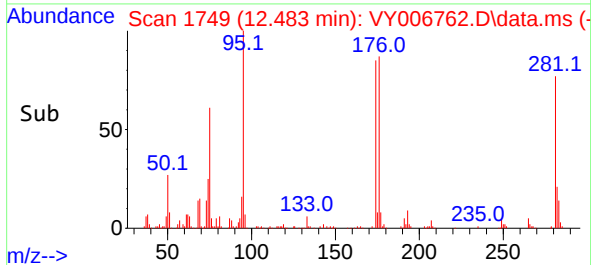
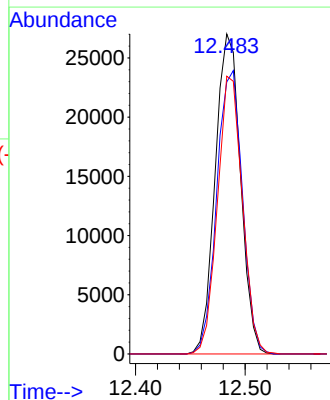
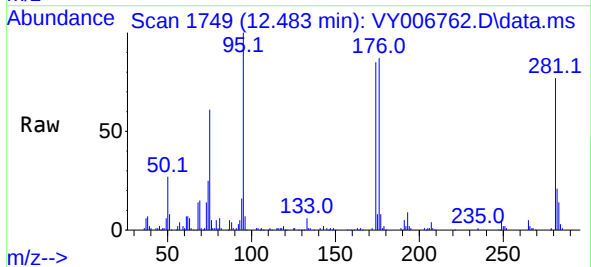
Instrument :
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MF-SOIL-P1

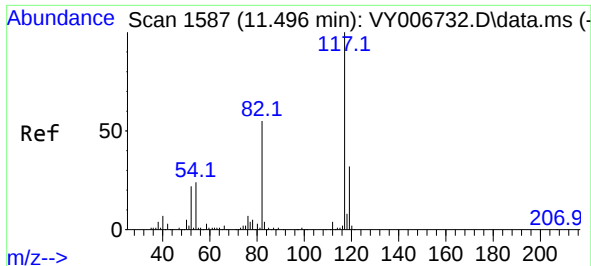
Tgt Ion: 98 Resp: 163772
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#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

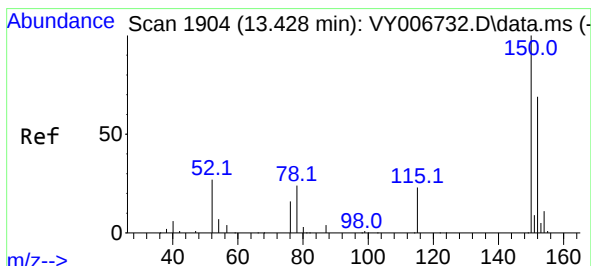
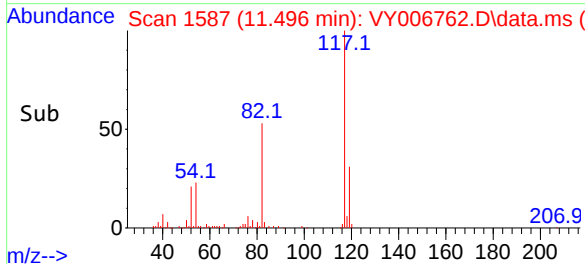
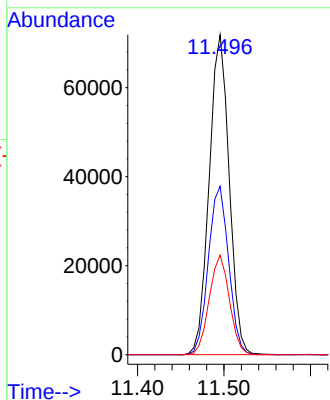
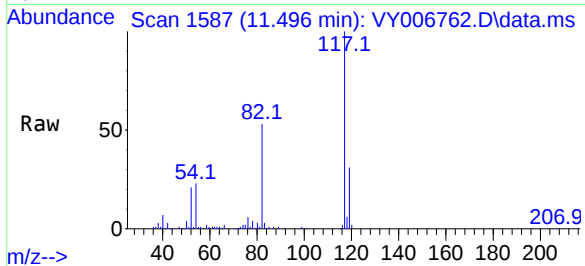




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 115335
Delta R.T. -0.000 min
Lab File: VY006762.D
Acq: 16 Nov 2021 15:26

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

