

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102521\
 Data File : VY006463.D
 Acq On : 25 Oct 2021 13:53
 Operator : SY/MD
 Sample : M4306-01
 Misc : 4.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-PIT-SOIL

Quant Time: Oct 26 02:43:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	100352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	171222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	160827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70324	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	76467	61.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.840%
35) Dibromofluoromethane	7.722	113	52688	55.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.420%
50) Toluene-d8	10.185	98	219102	54.158	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.320%
62) 4-Bromofluorobenzene	12.483	95	68070	49.949	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.900%

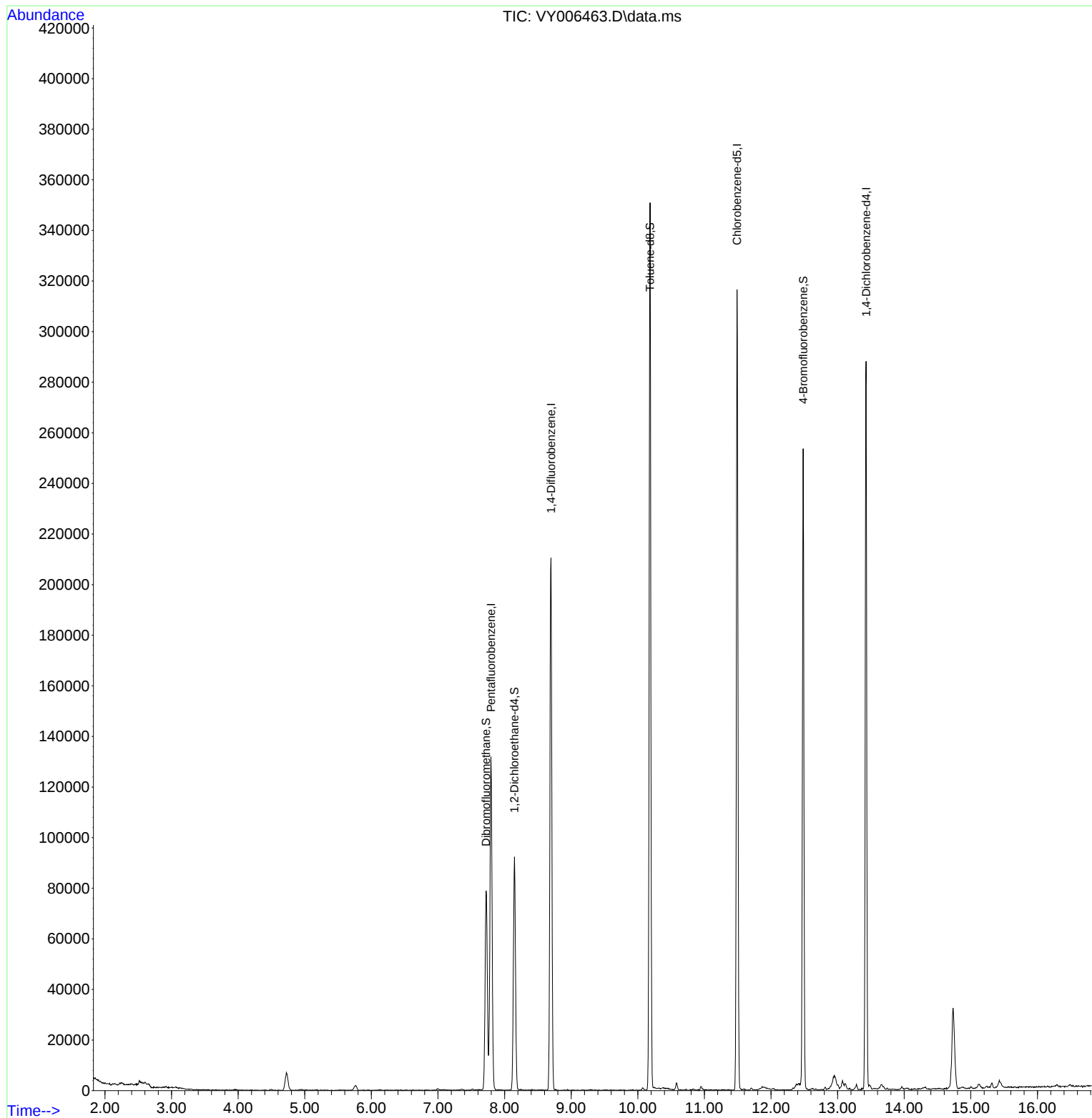
Target Compounds	Qvalue

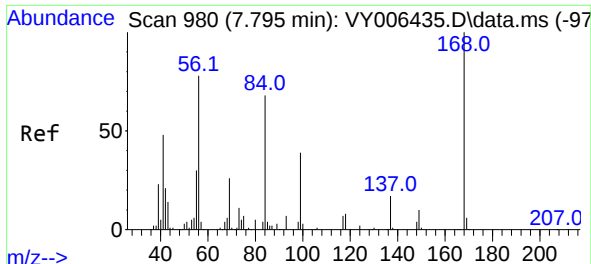
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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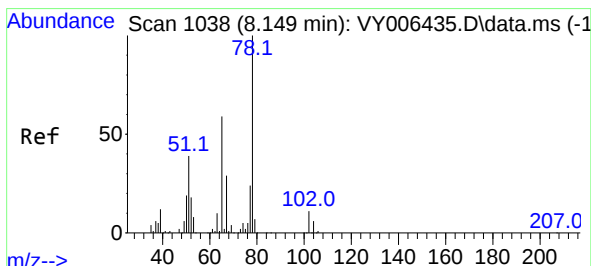
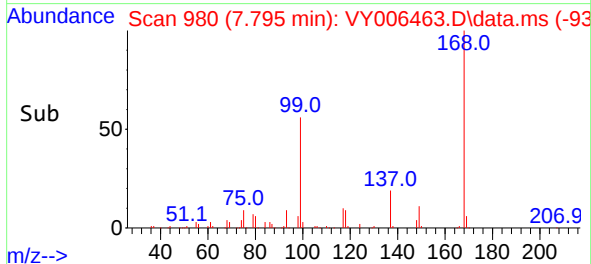
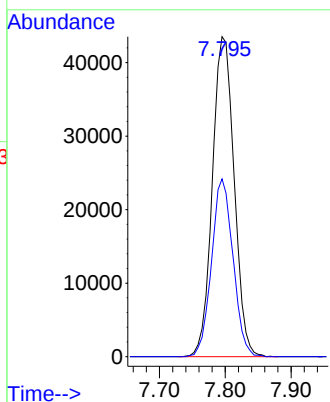
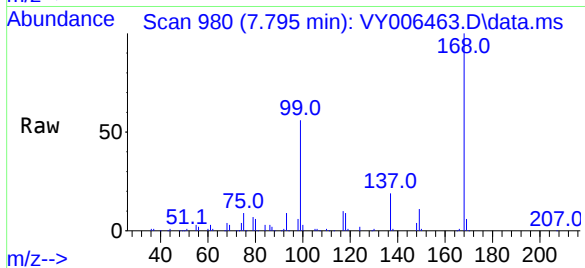




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

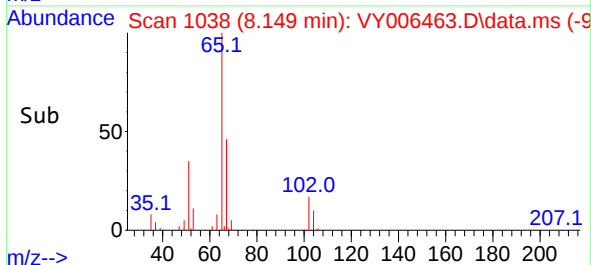
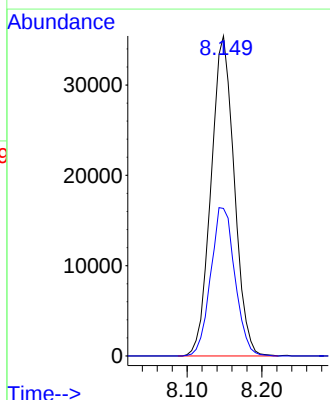
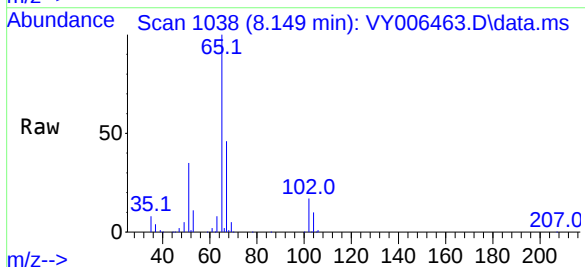
Instrument :
MSVOA_Y
ClientSampleId :
MH-PIT-SOIL

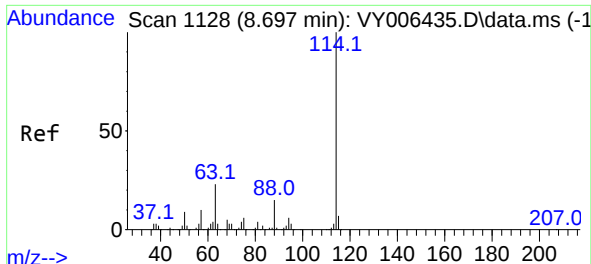
Tgt Ion:168 Resp: 100352
Ion Ratio Lower Upper
168 100
99 55.5 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 61.922 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

Tgt Ion: 65 Resp: 76467
Ion Ratio Lower Upper
65 100
67 48.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

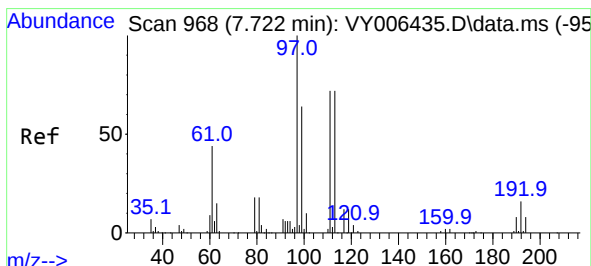
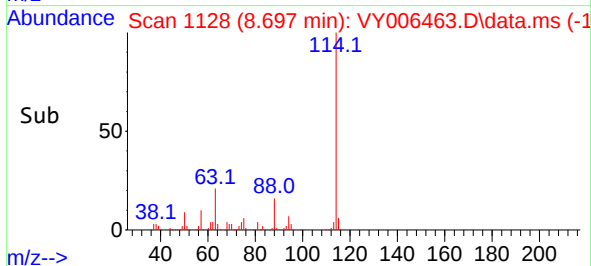
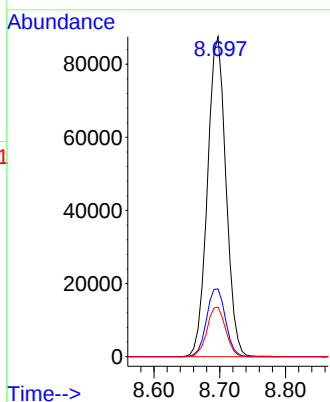
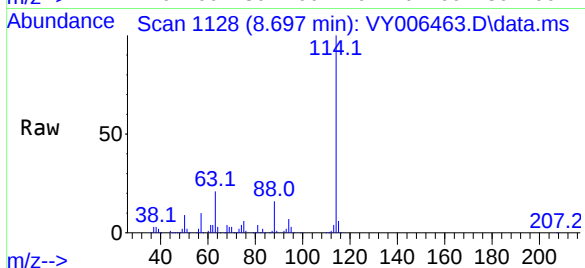
Lab File: VY006463.D

Acq: 25 Oct 2021 13:53

Tgt Ion:114 Resp: 171222

Ion Ratio Lower Upper

114	100		
63	21.1	0.0	45.0
88	15.5	0.0	30.6



#35

Dibromofluoromethane

Concen: 55.209 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

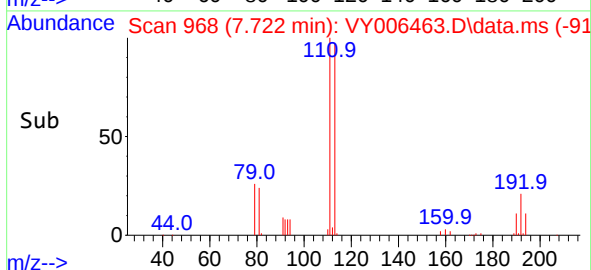
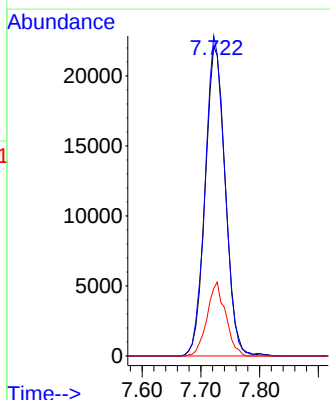
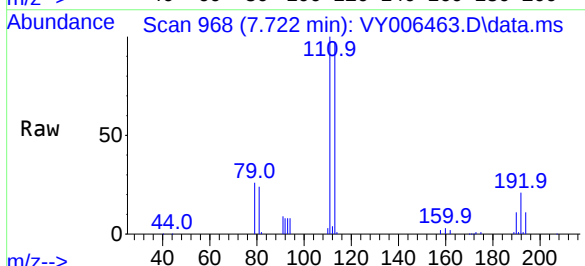
Lab File: VY006463.D

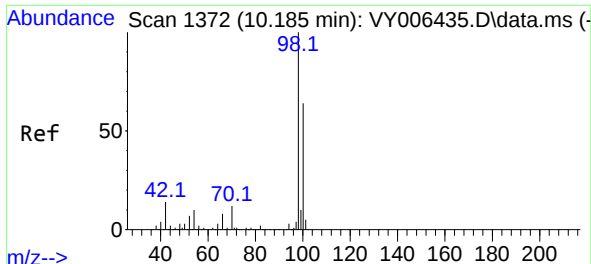
Acq: 25 Oct 2021 13:53

Tgt Ion:113 Resp: 52688

Ion Ratio Lower Upper

113	100		
111	100.8	82.3	123.5
192	22.0	17.4	26.2

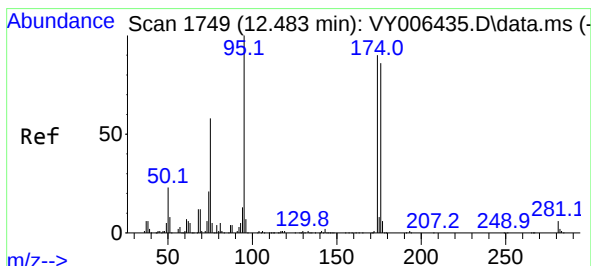
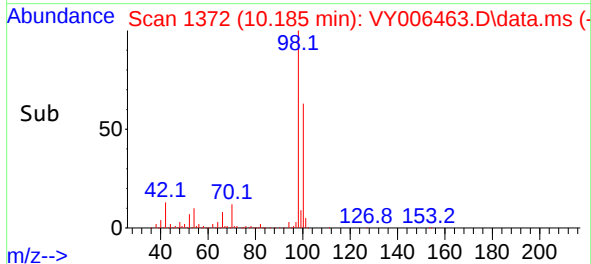
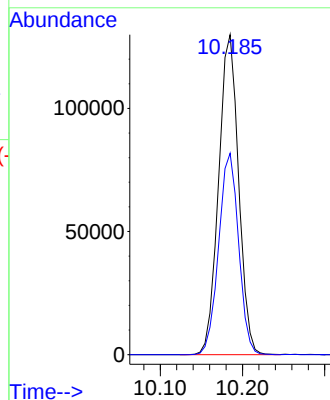
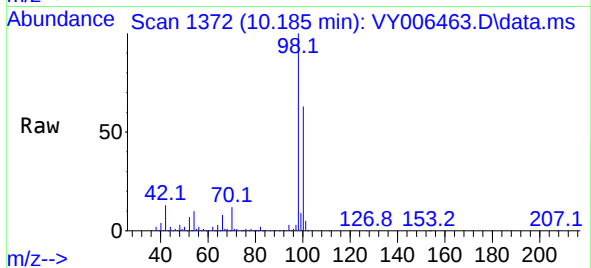




#50
Toluene-d8
Concen: 54.158 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

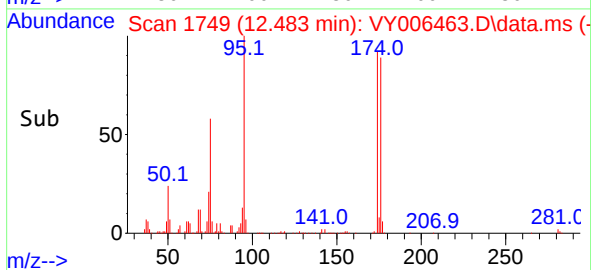
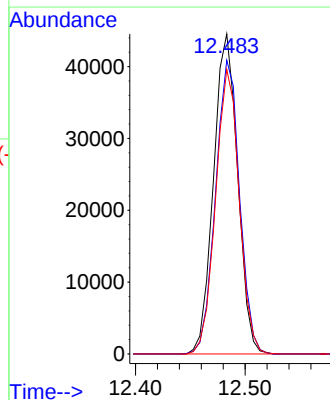
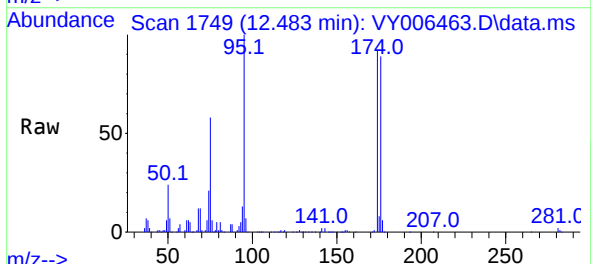
Instrument :
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ClientSampleId :
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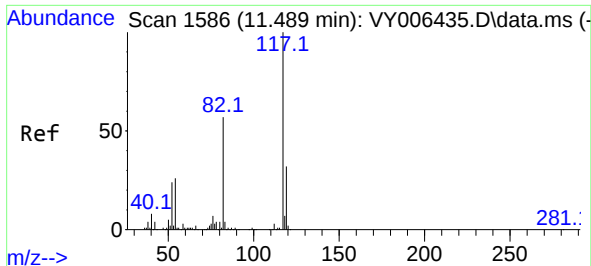
Tgt Ion: 98 Resp: 219102
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.949 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

Tgt Ion: 95 Resp: 68070
Ion Ratio Lower Upper
95 100
174 91.5 0.0 177.0
176 87.1 0.0 169.4

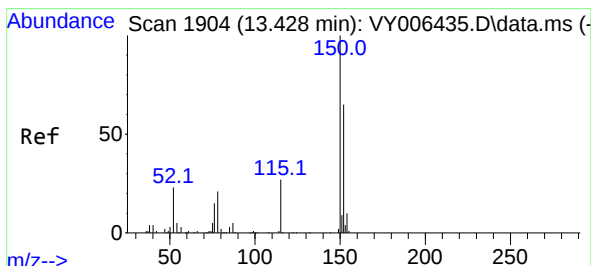
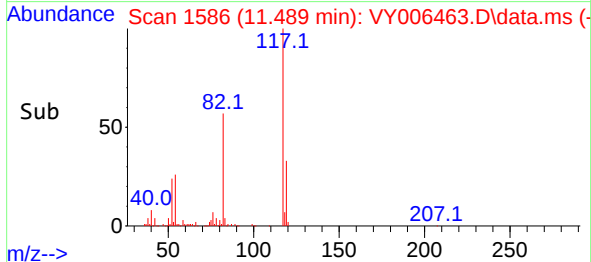
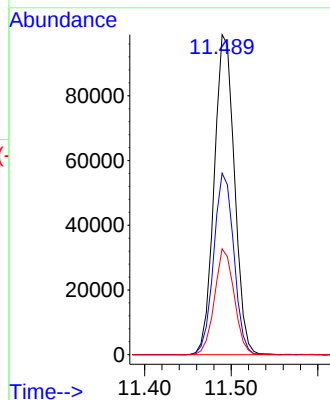
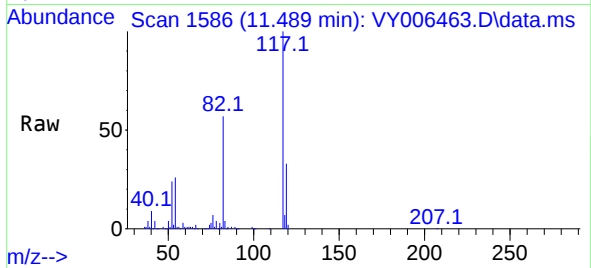




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006463.D
Acq: 25 Oct 2021 13:53

Instrument :
MSVOA_Y
ClientSampleId :
MH-PIT-SOIL

Tgt Ion:117 Resp: 160827
Ion Ratio Lower Upper
117 100
82 56.7 45.7 68.5
119 33.1 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: VY006463.D
Acq: 25 Oct 2021 13:53

Tgt Ion:152 Resp: 70324
Ion Ratio Lower Upper
152 100
115 56.0 28.5 85.5
150 157.6 0.0 348.2

