

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006257.D
 Acq On : 01 Oct 2021 12:19
 Operator : SY/MD
 Sample : M3998-04
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MIXED-DEBRIS-2

Quant Time: Oct 02 02:11:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	88396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	143785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	136669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	59352	62.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.460%
35) Dibromofluoromethane	7.728	113	42802	55.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.440%
50) Toluene-d8	10.185	98	180122	56.026	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.060%
62) 4-Bromofluorobenzene	12.483	95	57777	52.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.800%

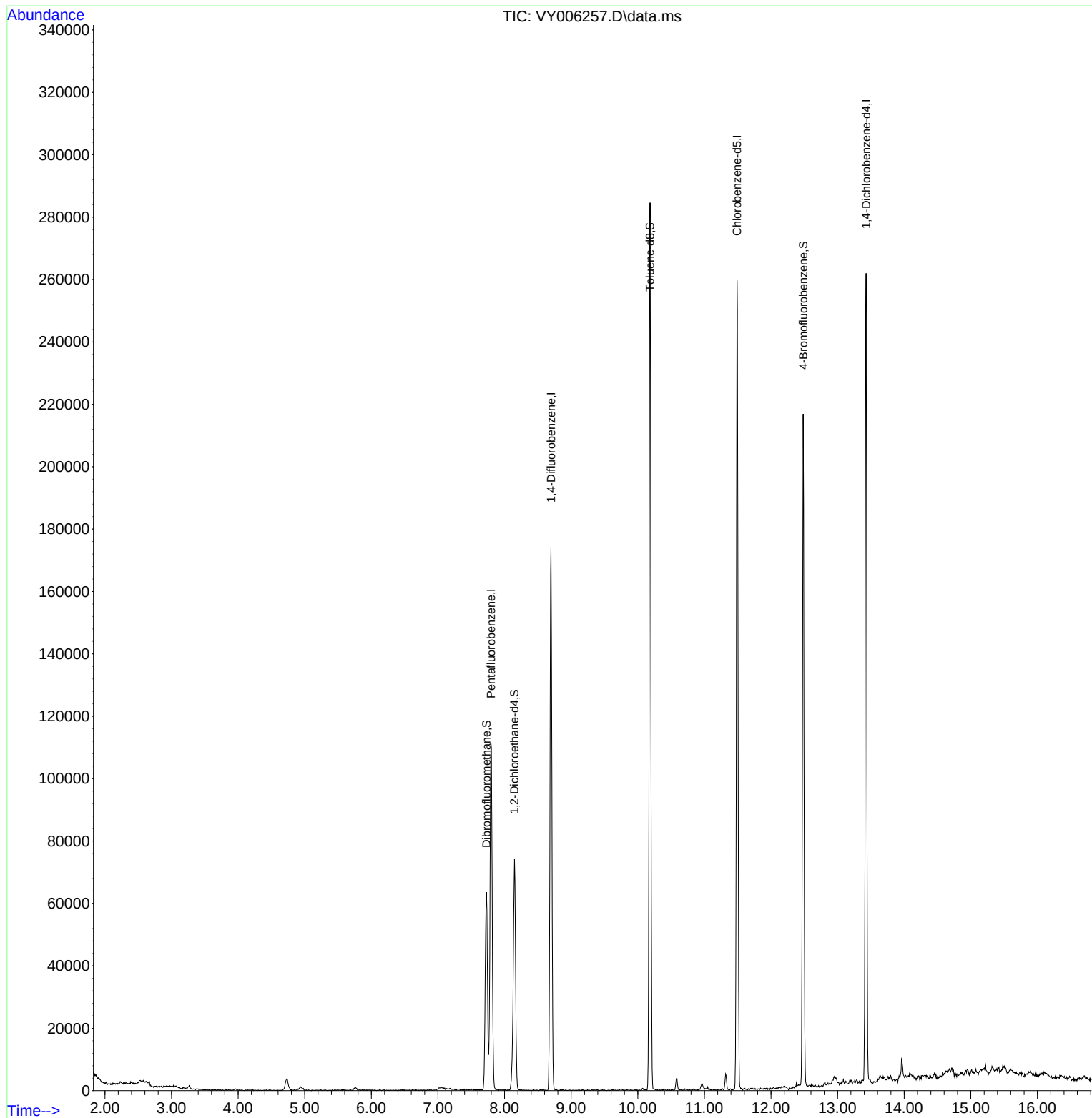
Target Compounds	Qvalue

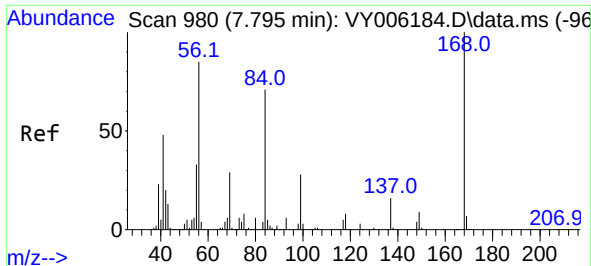
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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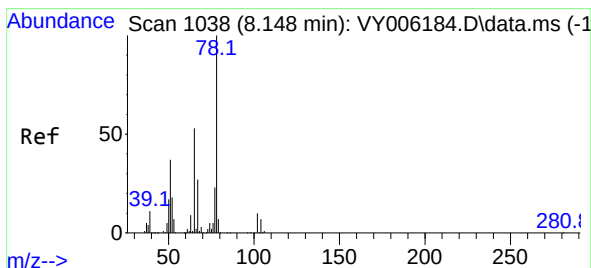
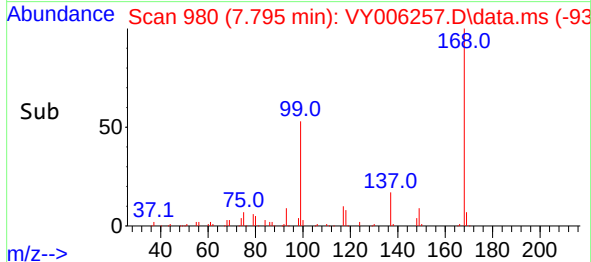
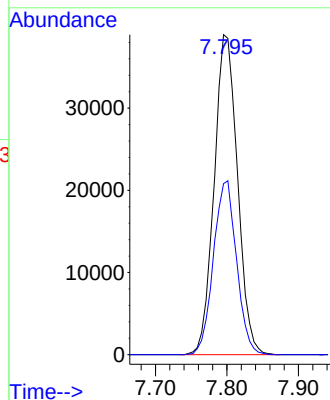
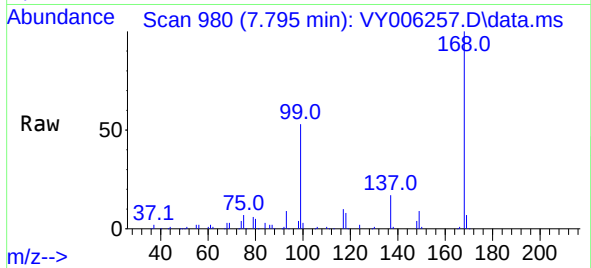




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

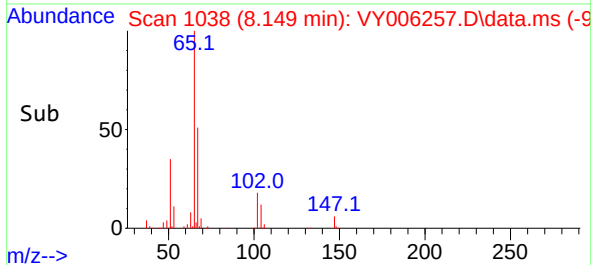
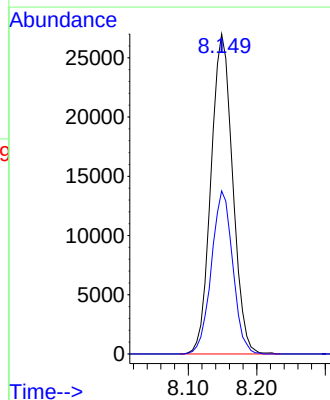
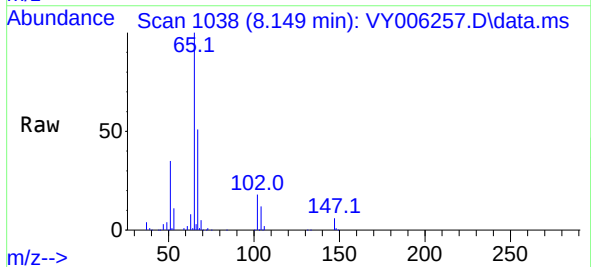
Instrument :
MSVOA_Y
ClientSampleId :
MIXED-DEBRIS-2

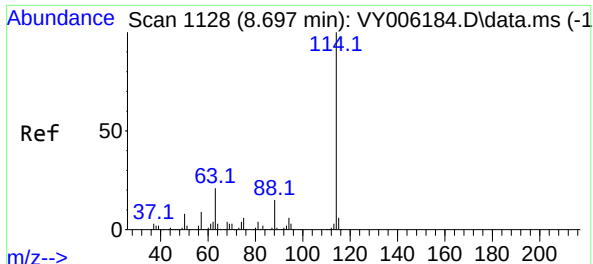
Tgt Ion:168 Resp: 88396
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 62.734 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion: 65 Resp: 59352
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006257.D

Acq: 01 Oct 2021 12:19

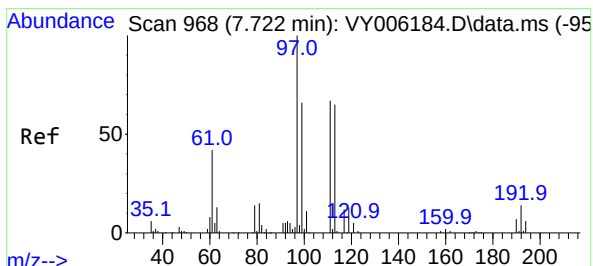
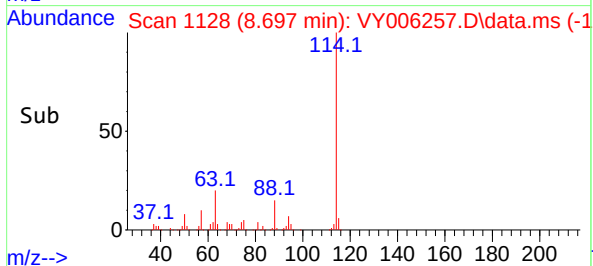
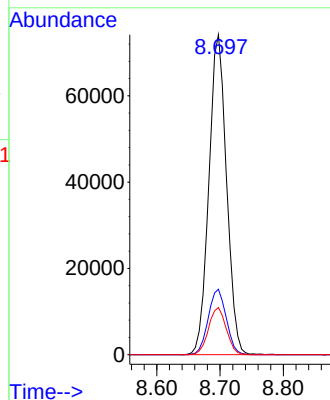
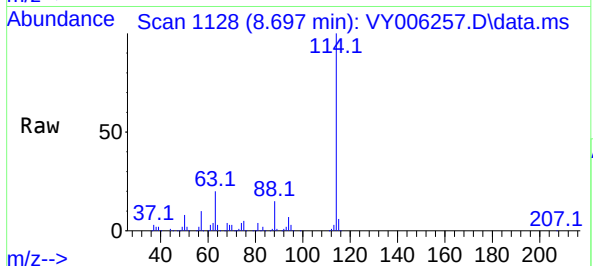
Tgt Ion:114 Resp: 143785

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.718 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006257.D

Acq: 01 Oct 2021 12:19

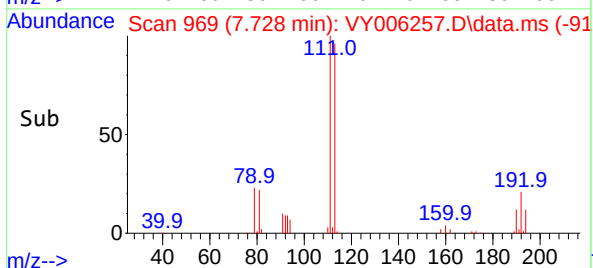
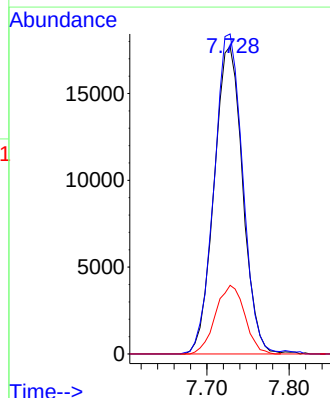
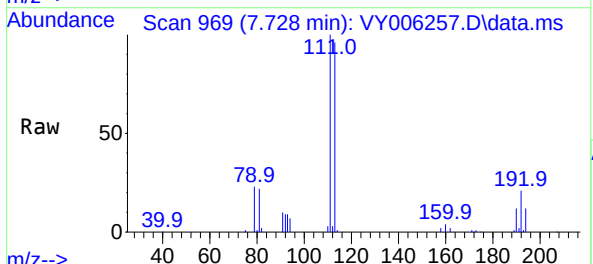
Tgt Ion:113 Resp: 42802

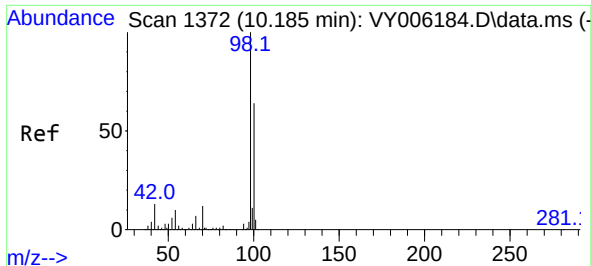
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 22.8 17.6 26.4

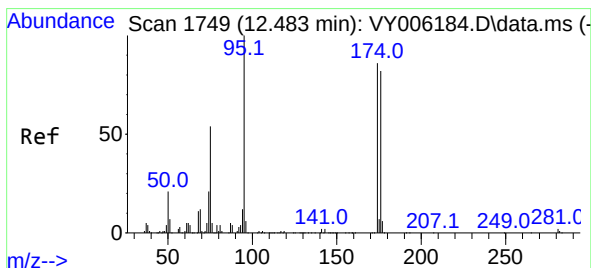
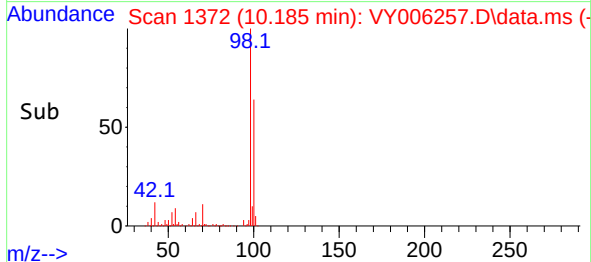
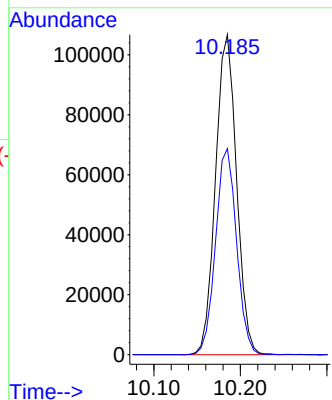
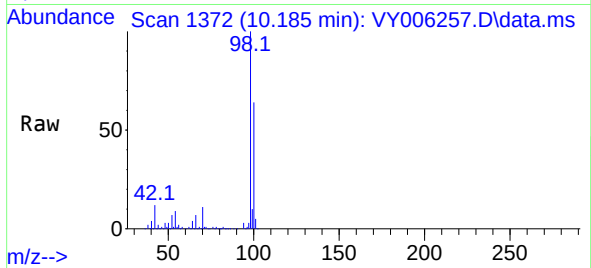




#50
Toluene-d8
Concen: 56.026 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

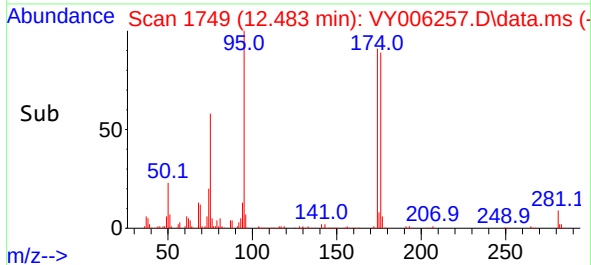
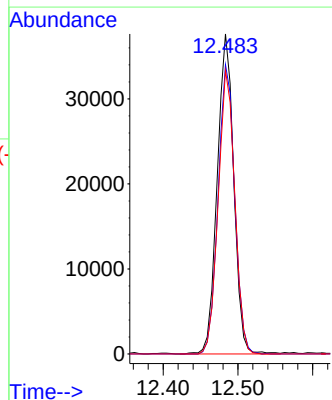
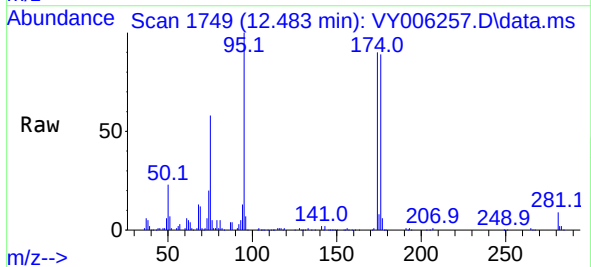
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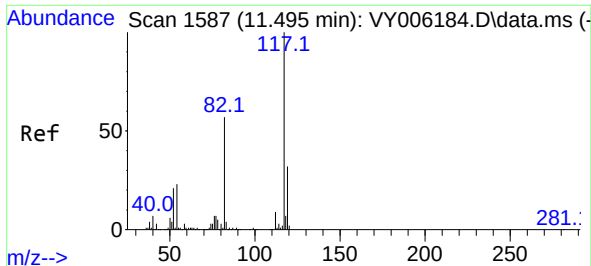
Tgt Ion: 98 Resp: 180122
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.901 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion: 95 Resp: 57777
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 88.7 0.0 175.8

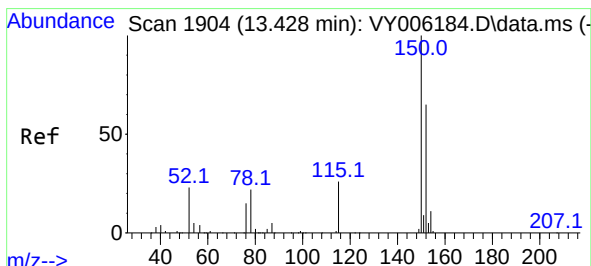
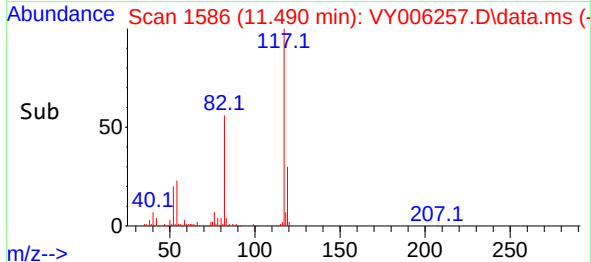
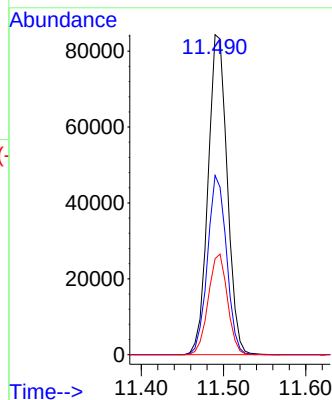
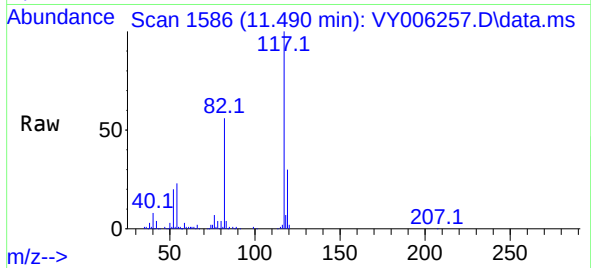




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Instrument :
MSVOA_Y
ClientSampleId :
MIXED-DEBRIS-2

Tgt Ion:117 Resp: 136669
Ion Ratio Lower Upper
117 100
82 56.0 43.0 64.4
119 30.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006257.D
Acq: 01 Oct 2021 12:19

Tgt Ion:152 Resp: 65155
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 155.9 0.0 347.6

