

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006135.D
 Acq On : 24 Sep 2021 13:59
 Operator : SY/MD
 Sample : M3916-10
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-4

Quant Time: Sep 25 05:44:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	138644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	223759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94008	48.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.620%
35) Dibromofluoromethane	7.728	113	42751	30.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.520%
50) Toluene-d8	10.185	98	281879	47.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.180%
62) 4-Bromofluorobenzene	12.483	95	90842	45.170	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.340%

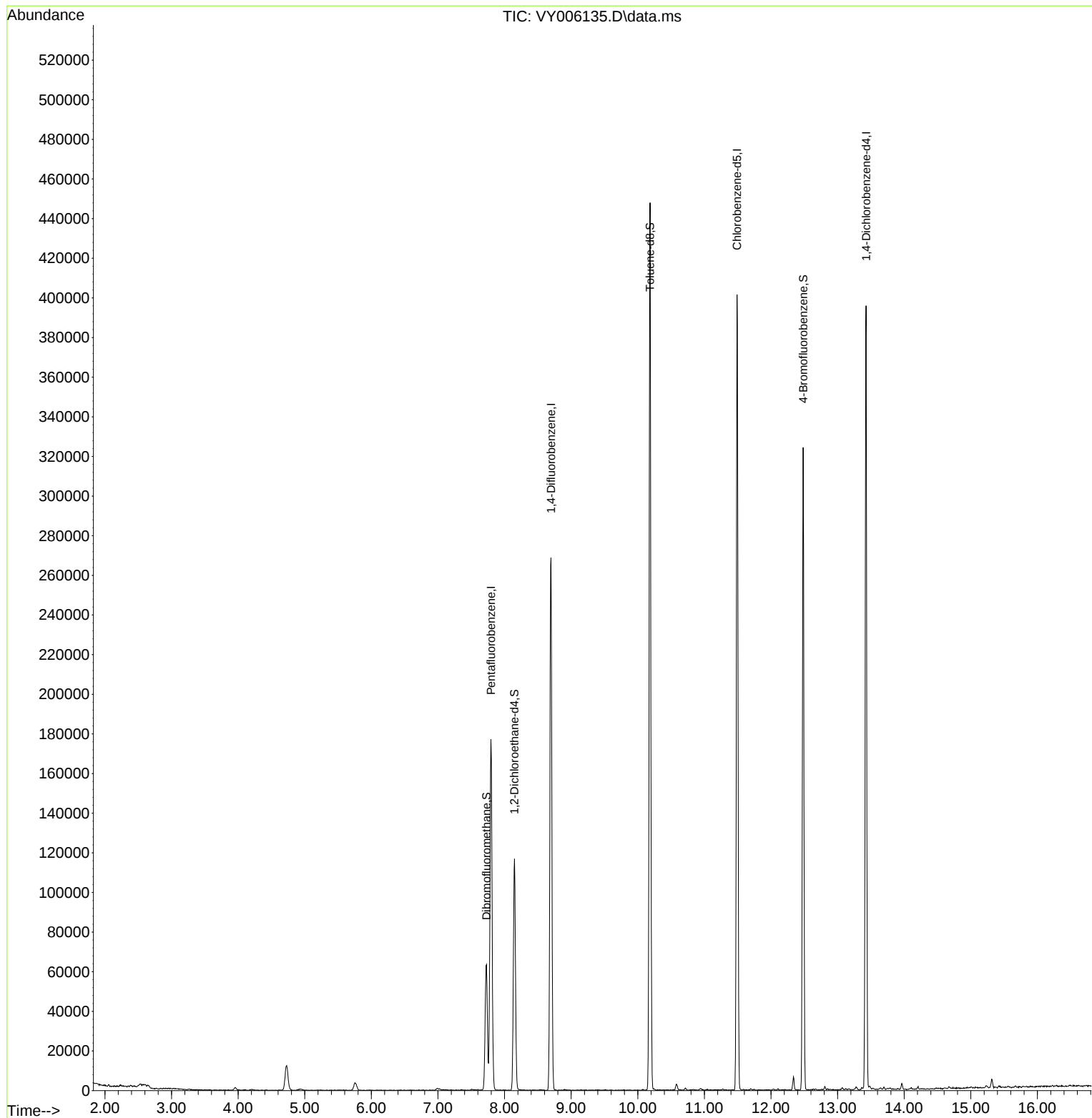
Target Compounds	Qvalue

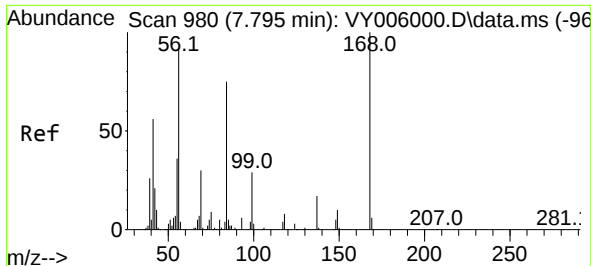
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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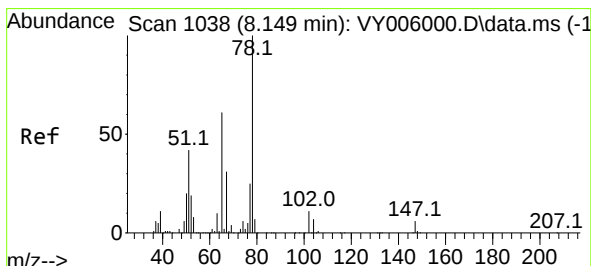
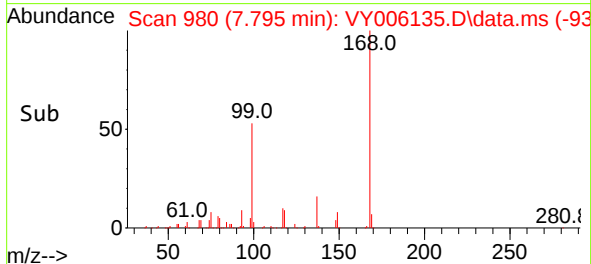
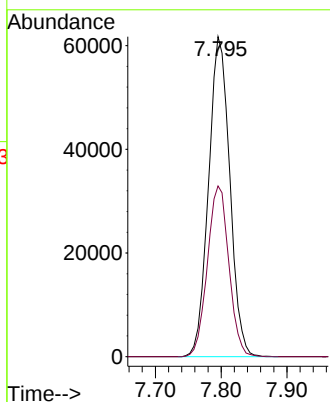
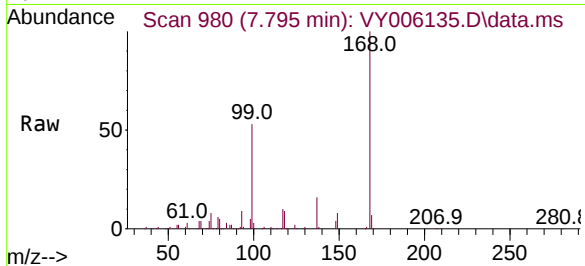




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

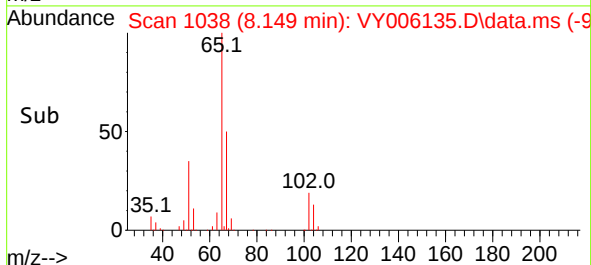
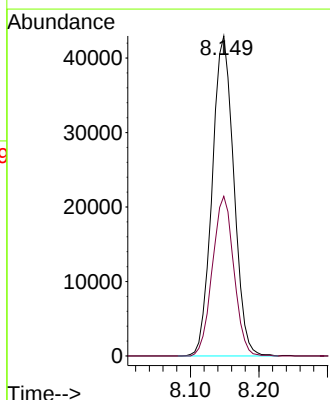
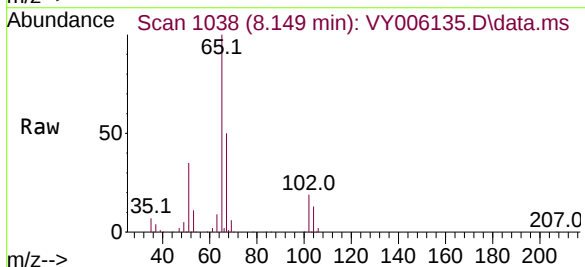
Instrument :
MSVOA_Y
ClientSampleId :
CONC-4

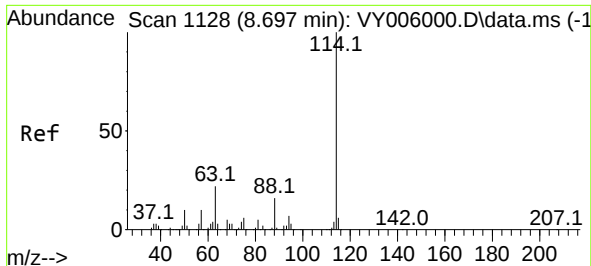
Tgt Ion:168 Resp: 138644
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 48.814 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Tgt Ion: 65 Resp: 94008
Ion Ratio Lower Upper
65 100
67 49.5 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: VY006135.D

Acq: 24 Sep 2021 13:59

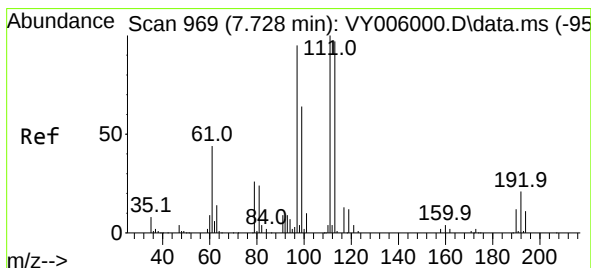
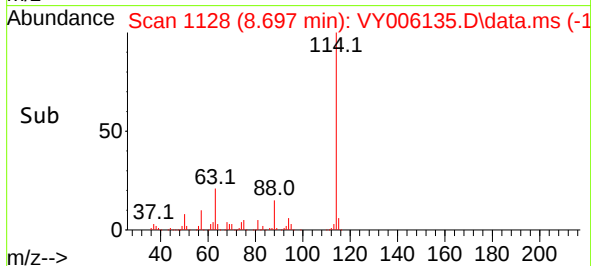
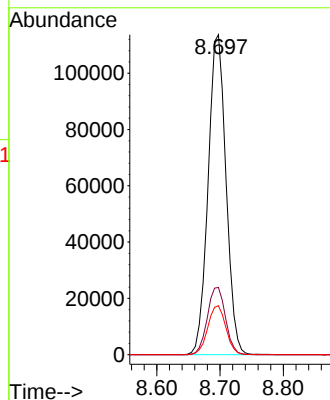
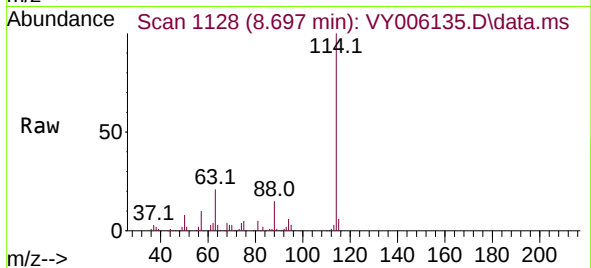
Tgt Ion:114 Resp: 223759

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 30.760 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY006135.D

Acq: 24 Sep 2021 13:59

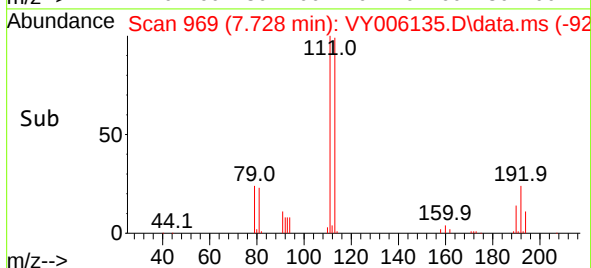
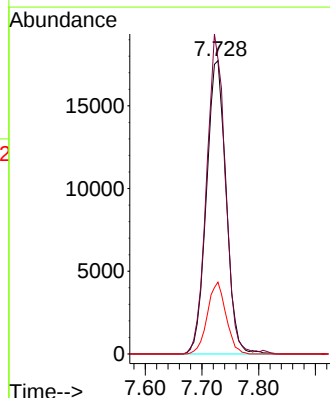
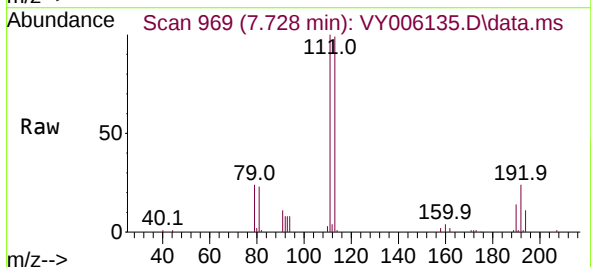
Tgt Ion:113 Resp: 42751

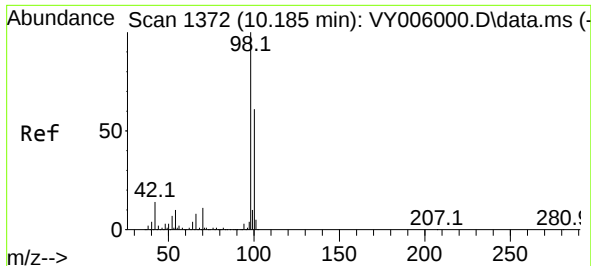
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 23.2 17.6 26.4

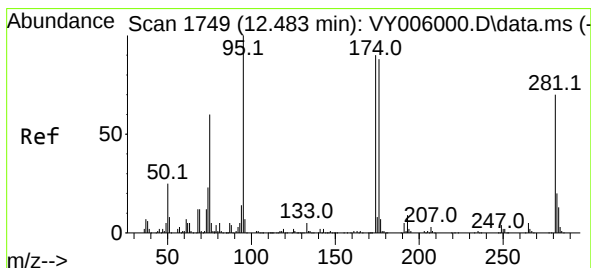
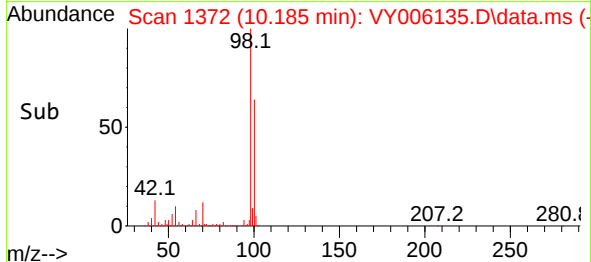
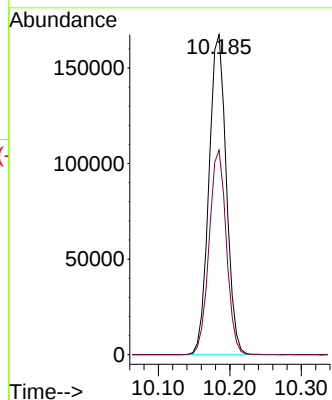
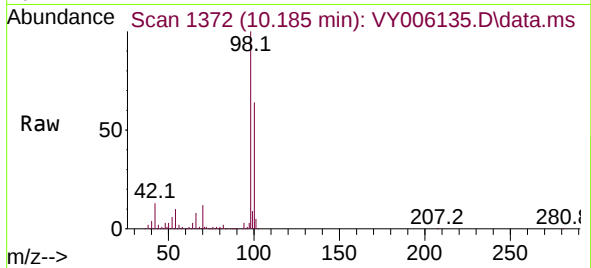




#50
Toluene-d8
Concen: 47.587 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

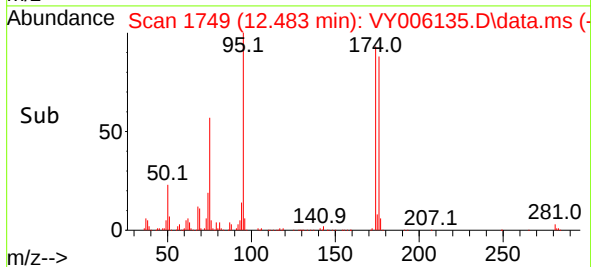
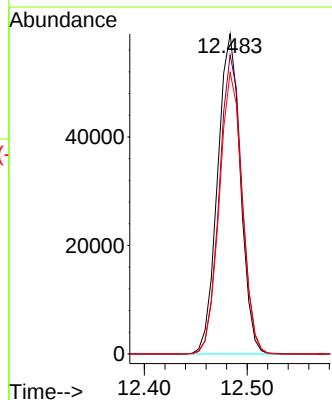
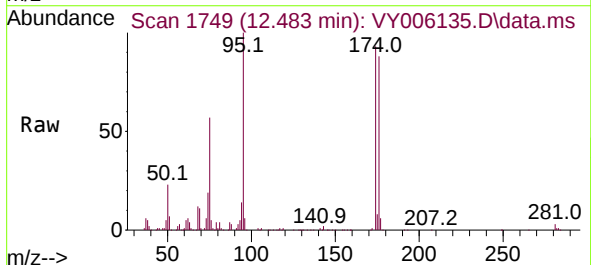
Instrument :
MSVOA_Y
ClientSampleId :
CONC-4

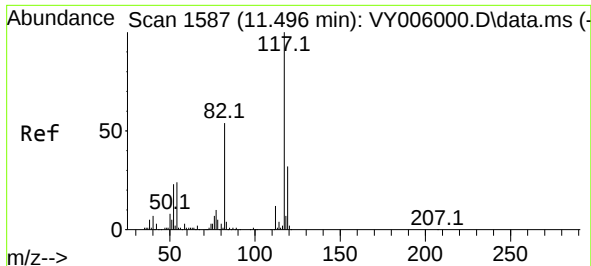
Tgt Ion: 98 Resp: 281879
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.170 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Tgt Ion: 95 Resp: 90842
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 88.1 0.0 175.8

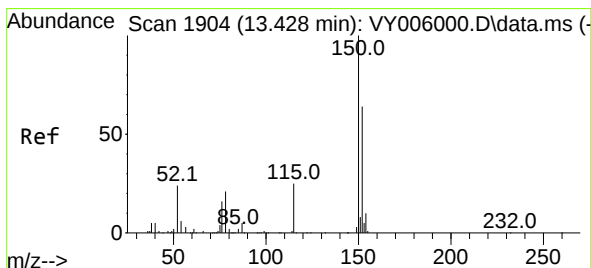
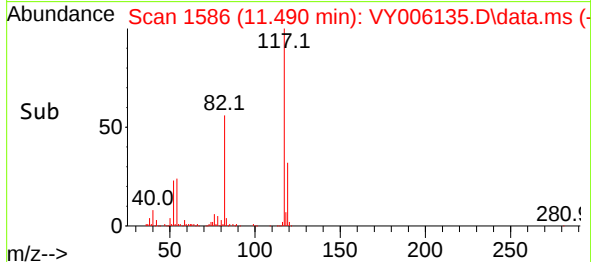
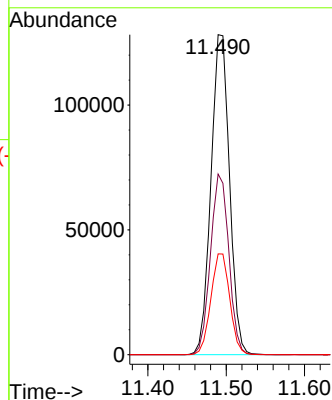
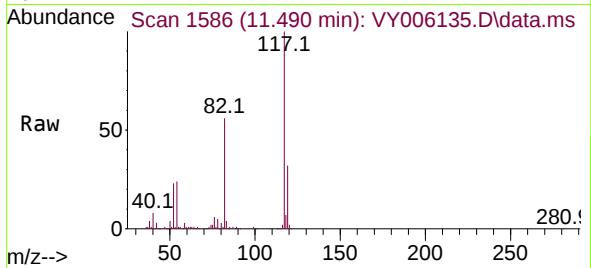




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006135.D
Acq: 24 Sep 2021 13:59

Instrument :
MSVOA_Y
ClientSampleId :
CONC-4

Tgt Ion:117	Resp: 210678
Ion Ratio	Lower Upper
117 100	
82 56.4	43.0 64.4
119 31.5	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: VY006135.D
Acq: 24 Sep 2021 13:59

Tgt Ion:152	Resp: 99010
Ion Ratio	Lower Upper
152 100	
115 55.8	28.2 84.7
150 157.8	0.0 347.6

