

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006138.D
 Acq On : 24 Sep 2021 15:09
 Operator : SY/MD
 Sample : M3917-04
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Sep 25 05:45:13 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	94798	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	146722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	132138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	58818	44.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.340%
35) Dibromofluoromethane	7.722	113	42483	46.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.240%
50) Toluene-d8	10.185	98	182240	46.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.483	95	53236	40.370	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.740%

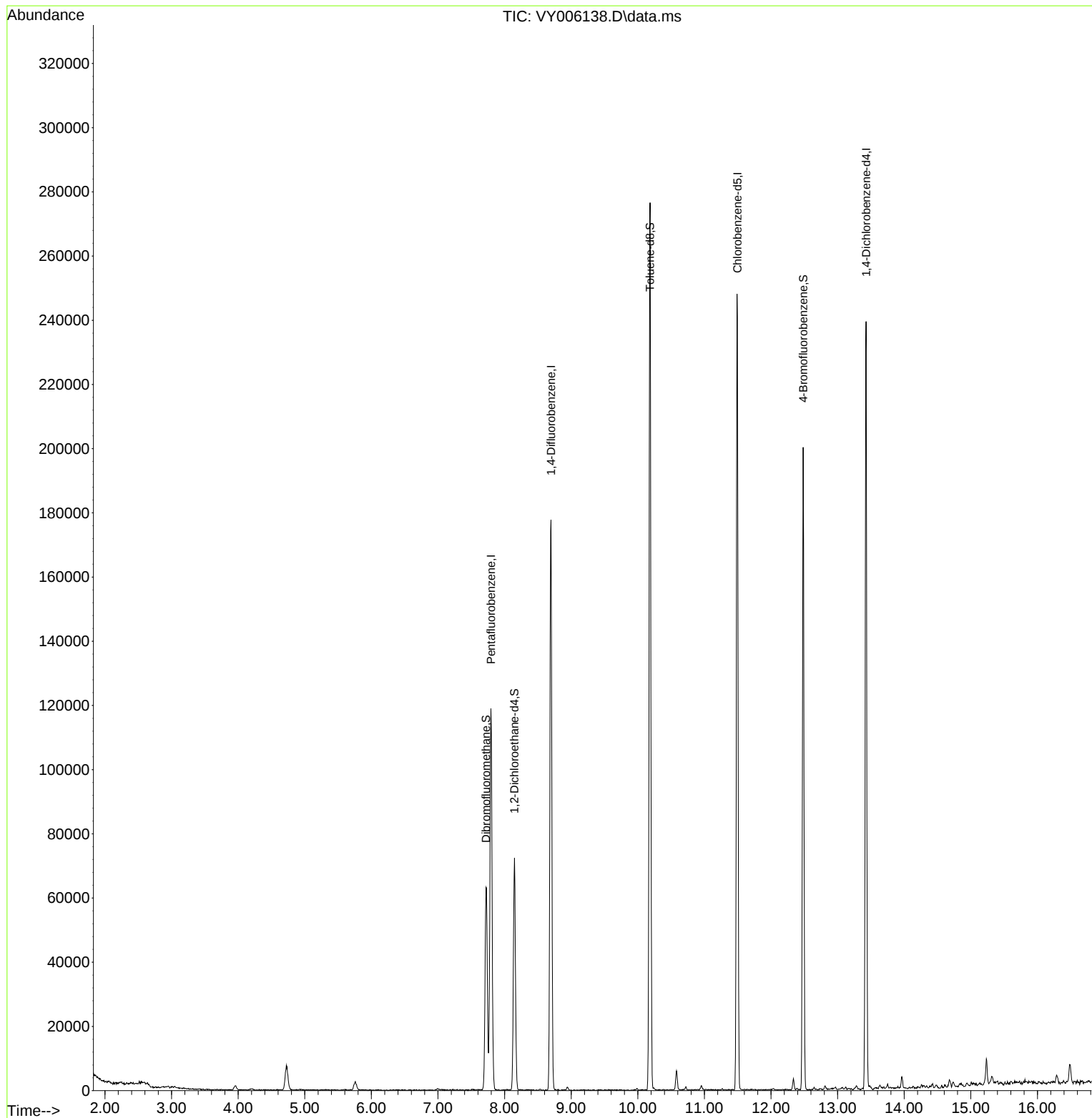
Target Compounds	Qvalue

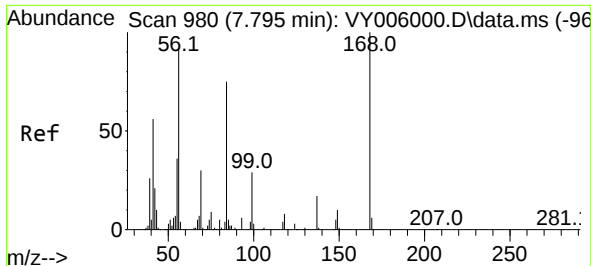
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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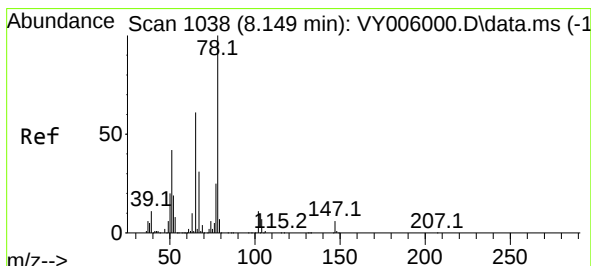
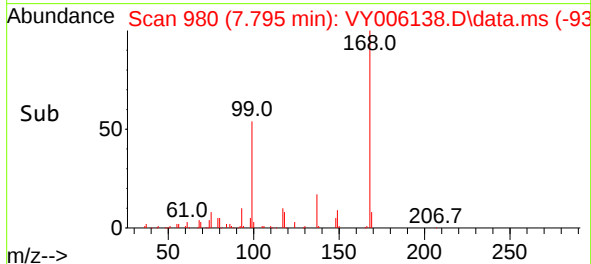
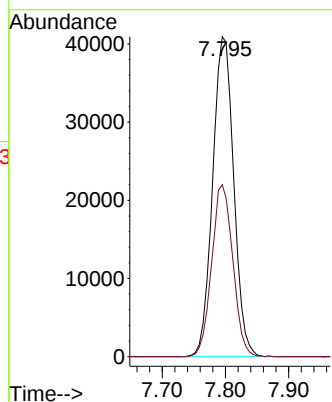
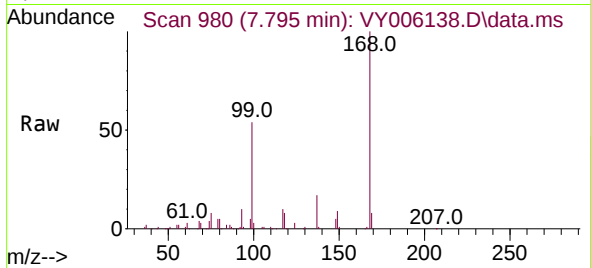




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

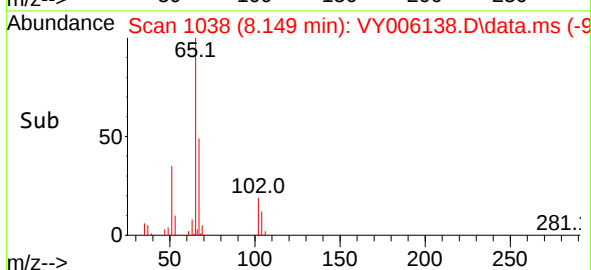
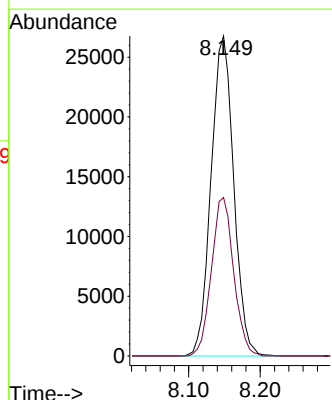
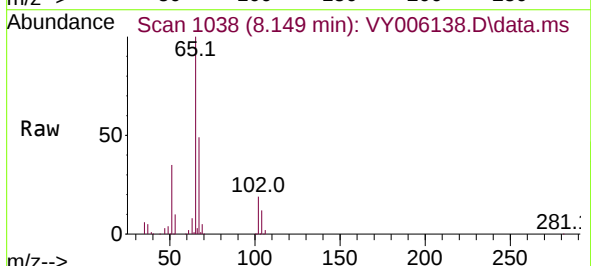
Instrument :
MSVOA_Y
ClientSampled :
TP-6

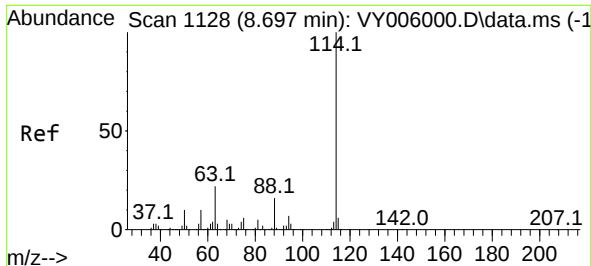
Tgt Ion:168 Resp: 94798
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 44.667 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

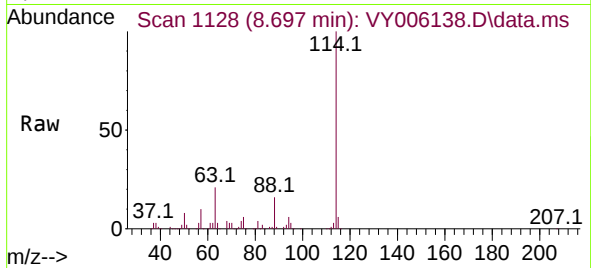
Tgt Ion: 65 Resp: 58818
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.4



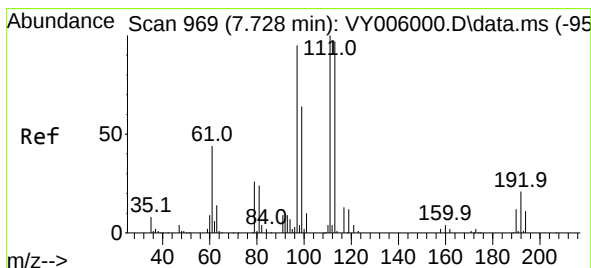
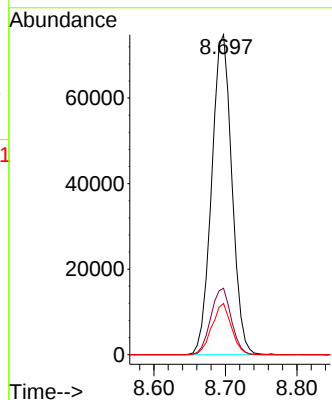
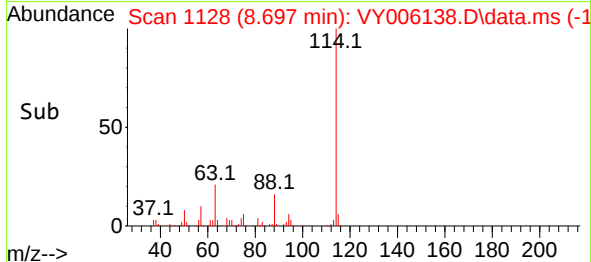


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

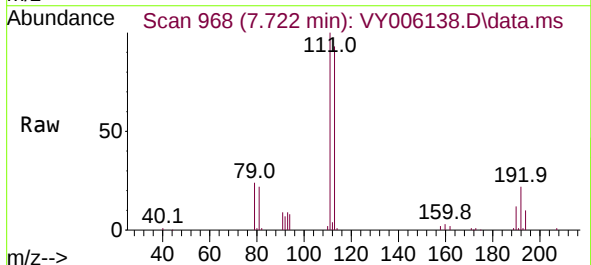
Instrument :
MSVOA_Y
ClientSampleId :
TP-6



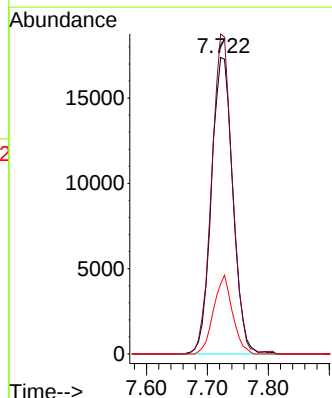
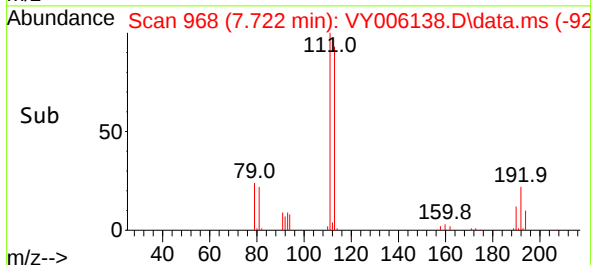
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	43.2
88	16.0	0.0	31.8

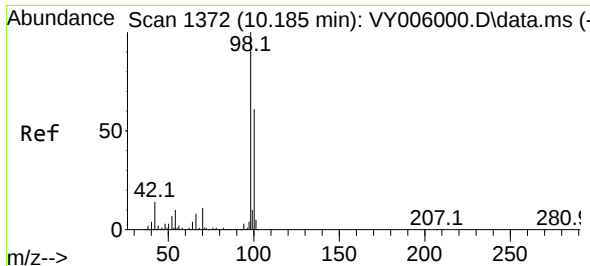


#35
Dibromofluoromethane
Concen: 46.617 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09



Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	23.4	17.6	26.4

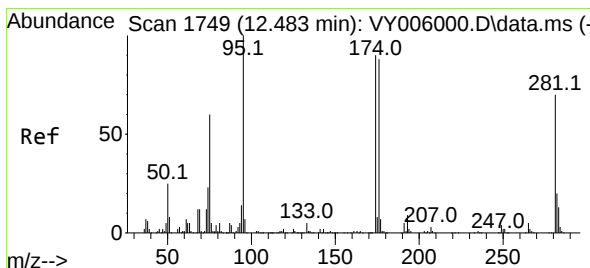
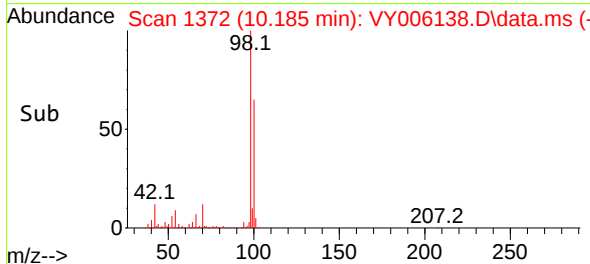
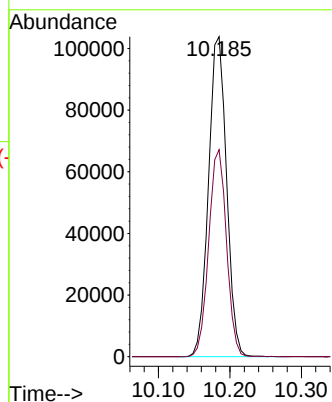
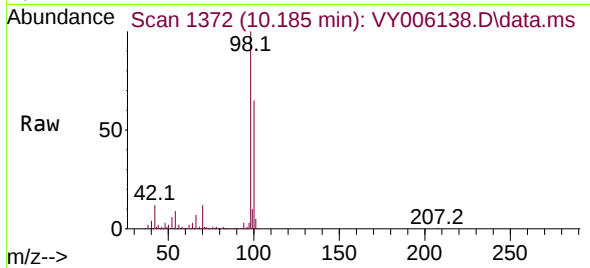




#50
Toluene-d8
Concen: 46.920 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

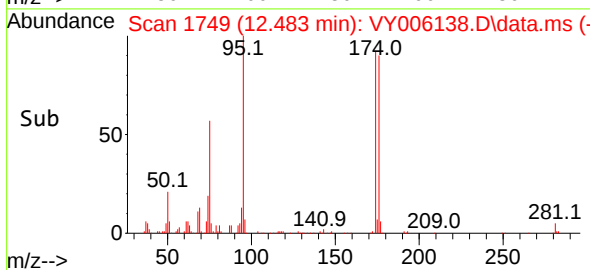
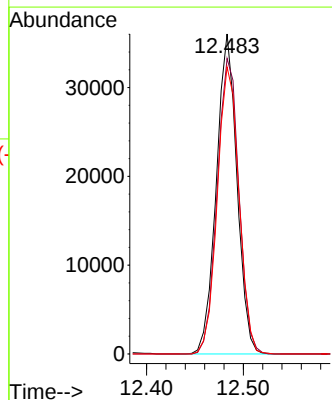
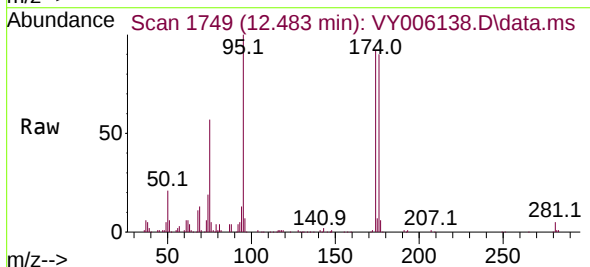
Instrument :
MSVOA_Y
ClientSampled :
TP-6

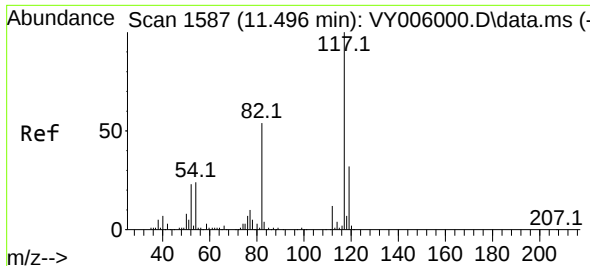
Tgt Ion: 98 Resp: 182240
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

Tgt Ion: 95 Resp: 53236
Ion Ratio Lower Upper
95 100
174 97.2 0.0 177.0
176 93.9 0.0 175.8

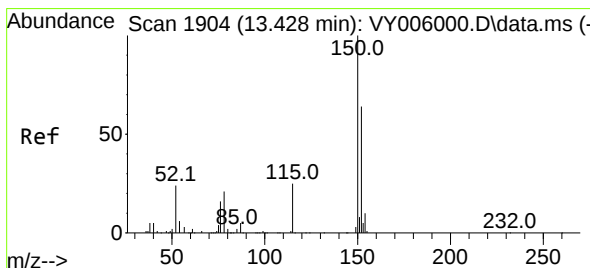
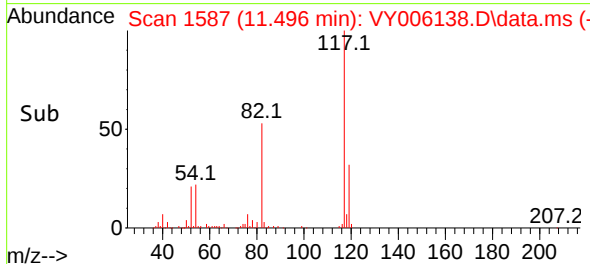
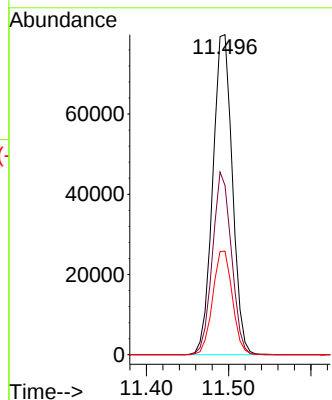
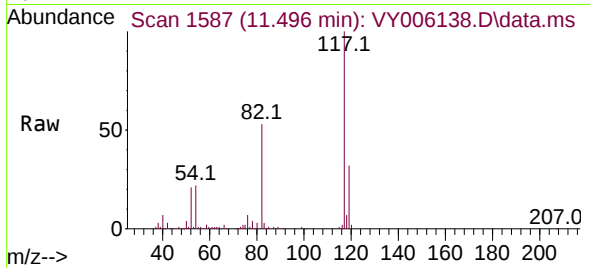




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006138.D
Acq: 24 Sep 2021 15:09

Instrument :
MSVOA_Y
ClientSampled :
TP-6

Tgt Ion:	117	Resp:	132138
Ion Ratio	Lower	Upper	
117	100		
82	52.9	43.0	64.4
119	32.4	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: VY006138.D
Acq: 24 Sep 2021 15:09

Tgt Ion:	152	Resp:	60688
Ion Ratio	Lower	Upper	
152	100		
115	55.2	28.2	84.7
150	158.6	0.0	347.6

