

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006265.D
 Acq On : 01 Oct 2021 16:53
 Operator : SY/MD
 Sample : M4035-09
 Misc : 4.71G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 213

Quant Time: Oct 02 02:13:50 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	7.801	168	115090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	186925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79518	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	74782	60.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.420%
35) Dibromofluoromethane	7.722	113	54538	54.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.220%
50) Toluene-d8	10.185	98	233574	55.884	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.760%
62) 4-Bromofluorobenzene	12.483	95	71687	50.489	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.980%

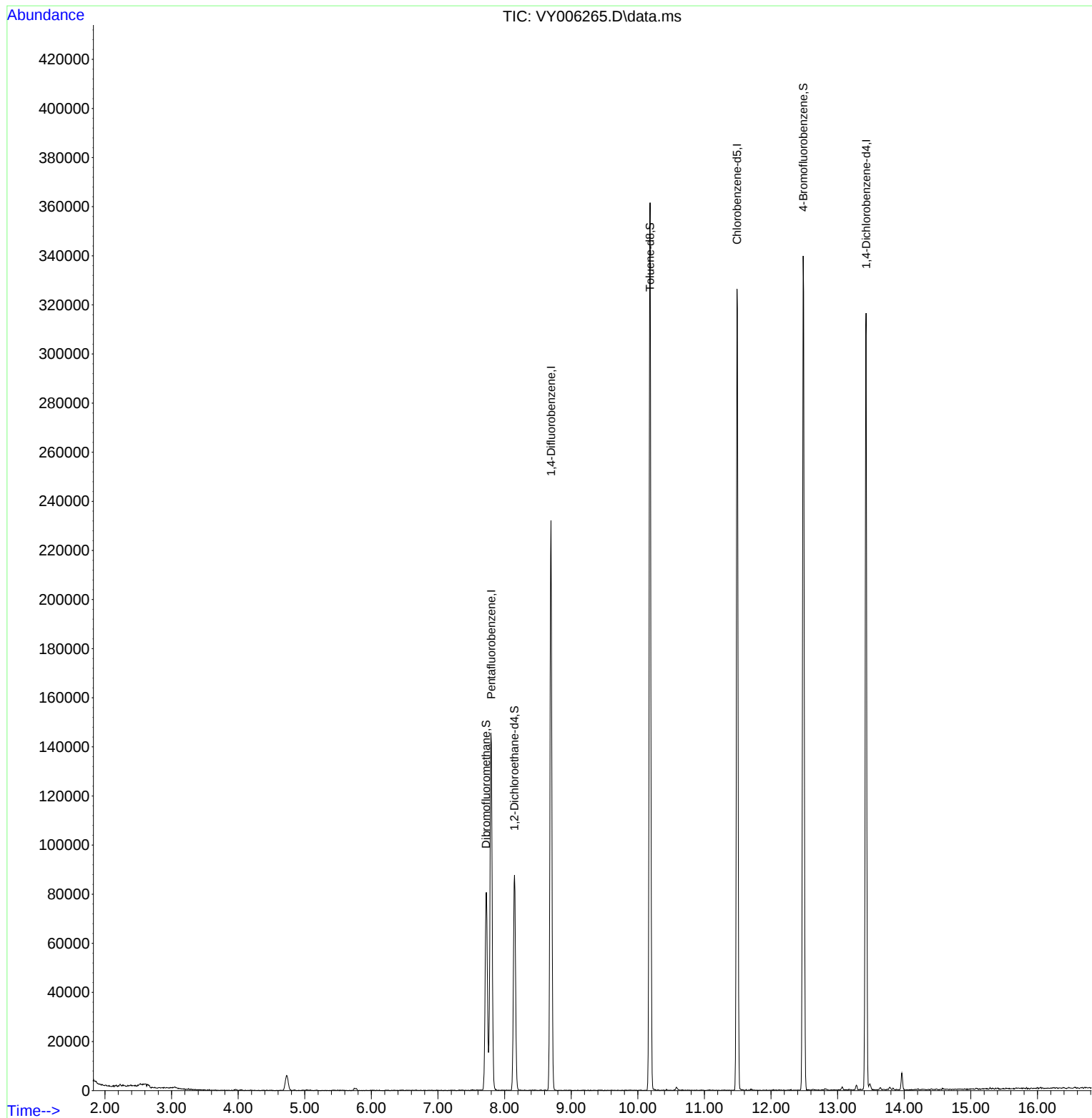
Target Compounds	Qvalue

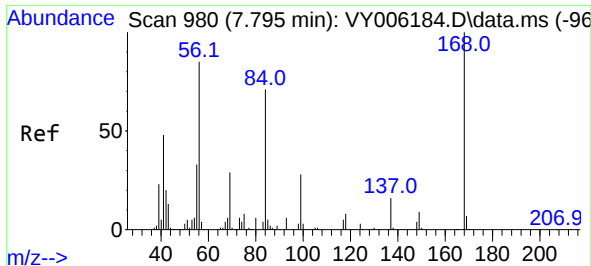
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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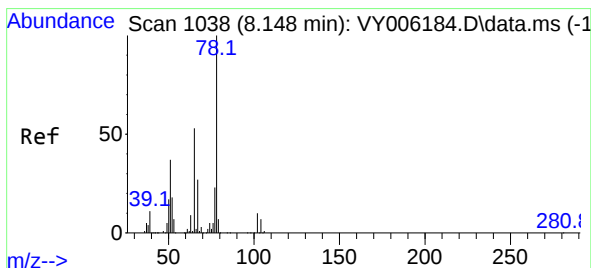
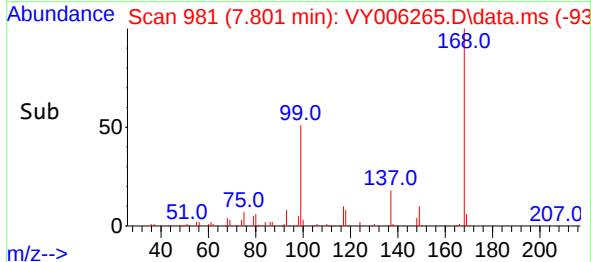
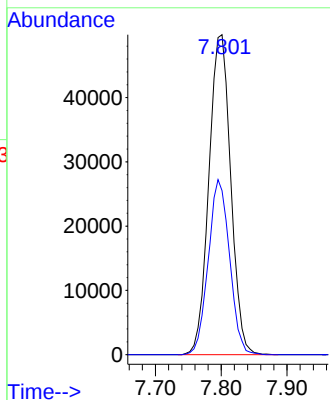
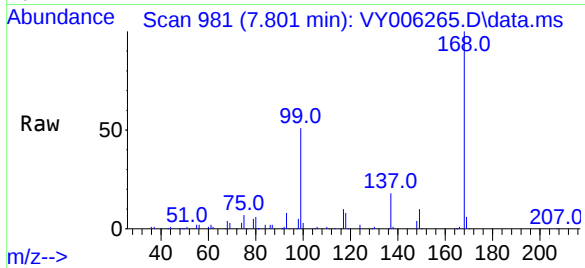




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006265.D
Acq: 01 Oct 2021 16:53

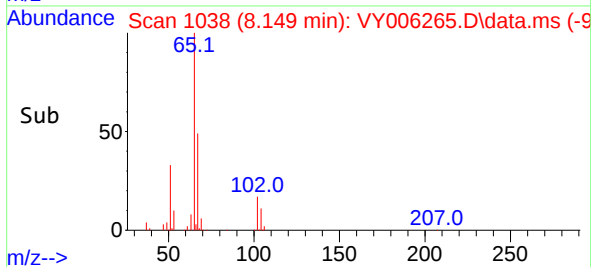
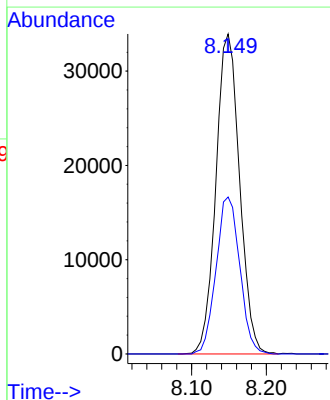
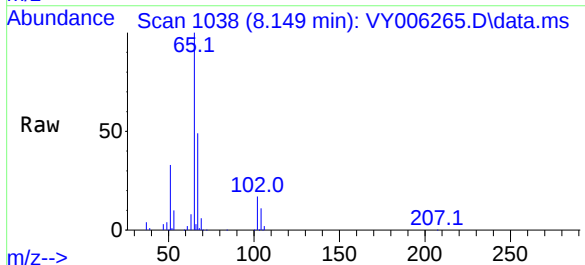
Instrument :
MSVOA_Y
ClientSampled :
213

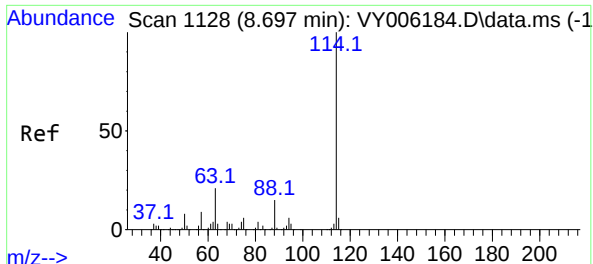
Tgt Ion:168 Resp: 115090
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.710 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006265.D
Acq: 01 Oct 2021 16:53

Tgt Ion: 65 Resp: 74782
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4



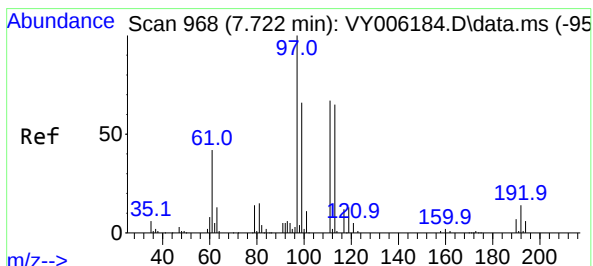
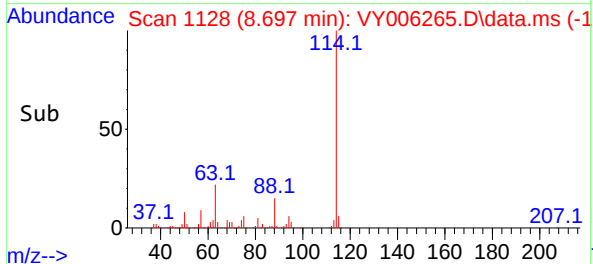
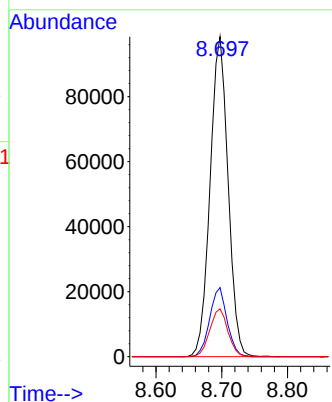
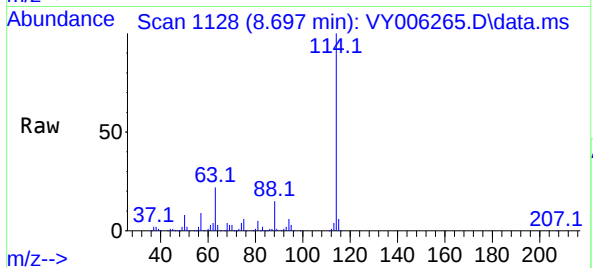


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006265.D
Acq: 01 Oct 2021 16:53

Instrument :
MSVOA_Y
ClientSampled :
213

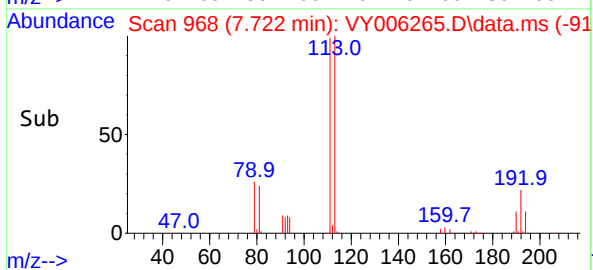
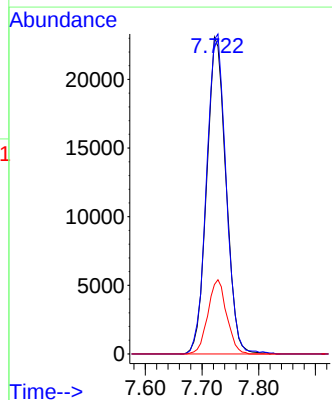
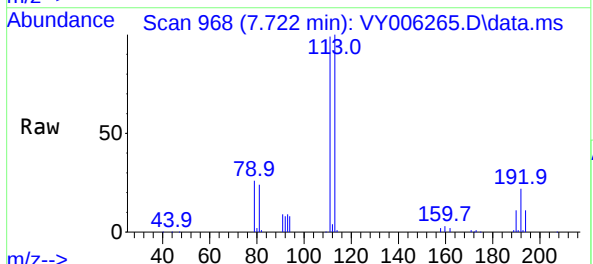
Tgt Ion:	114	Resp:	186925
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	43.2
88	14.9	0.0	31.8

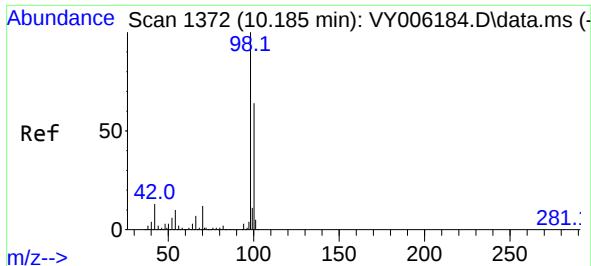


#35

Dibromofluoromethane
Concen: 54.611 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006265.D
Acq: 01 Oct 2021 16:53

Tgt Ion:	113	Resp:	54538
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.6	124.0
192	22.7	17.6	26.4

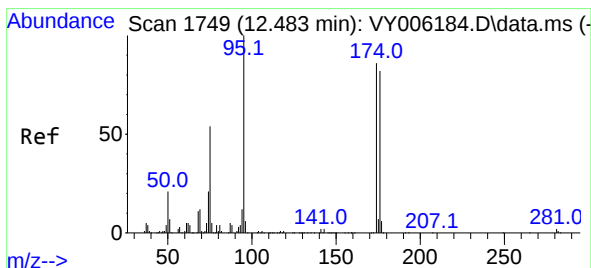
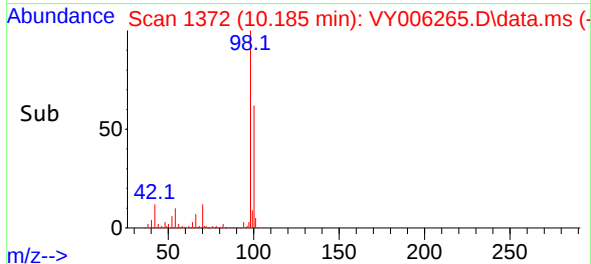
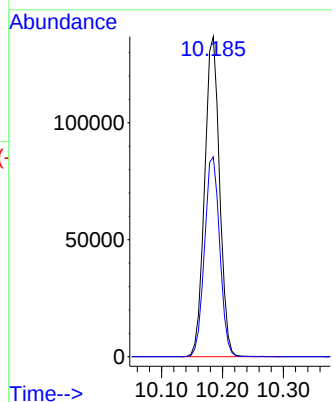
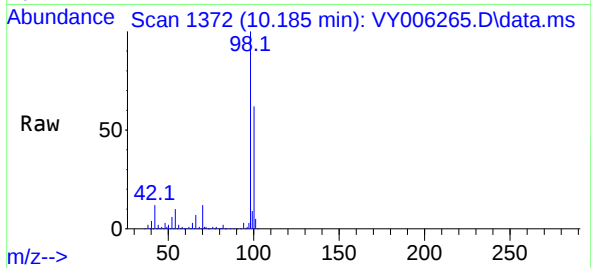




#50
Toluene-d8
Concen: 55.884 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006265.D
Acq: 01 Oct 2021 16:53

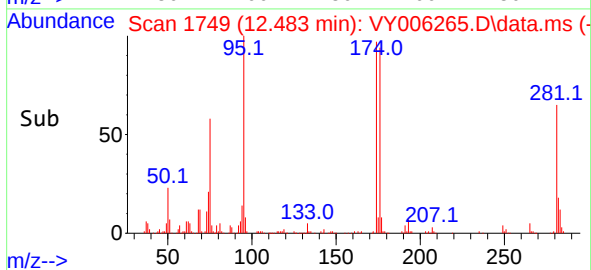
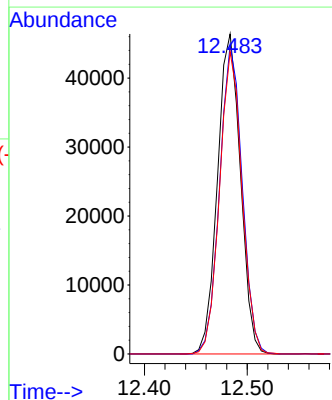
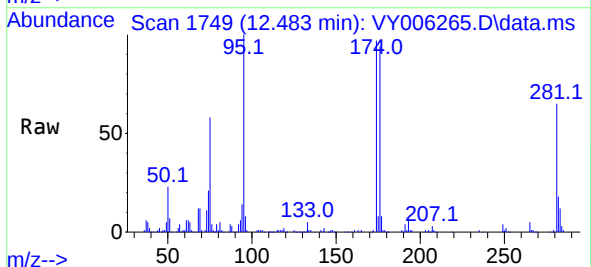
Instrument :
MSVOA_Y
ClientSampled :
213

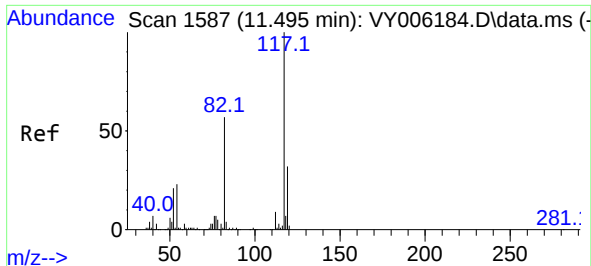
Tgt Ion: 98 Resp: 233574
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.489 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006265.D
Acq: 01 Oct 2021 16:53

Tgt Ion: 95 Resp: 71687
Ion Ratio Lower Upper
95 100
174 94.9 0.0 177.0
176 92.3 0.0 175.8

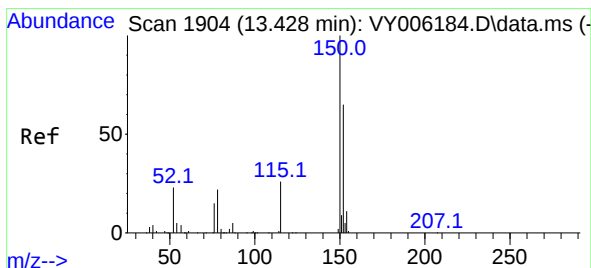
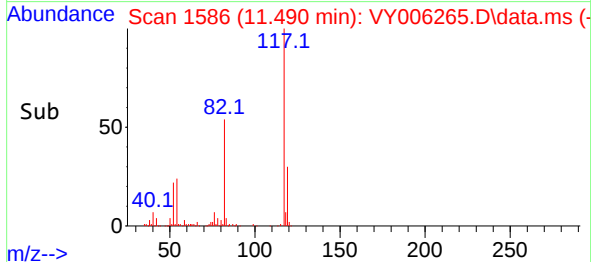
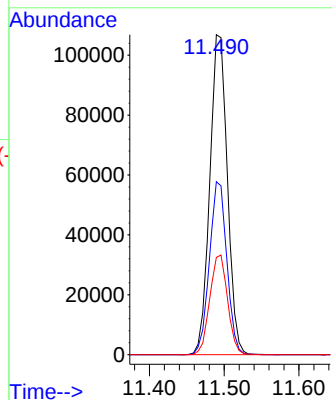
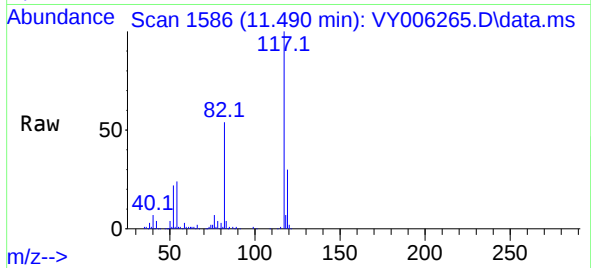




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006265.D
Acq: 01 Oct 2021 16:53

Instrument :
MSVOA_Y
ClientSampled :
213

Tgt Ion:	117	Resp:	174404
Ion Ratio	Lower	Upper	
117	100		
82	54.0	43.0	64.4
119	30.4	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: VY006265.D
Acq: 01 Oct 2021 16:53

Tgt Ion:	152	Resp:	79518
Ion Ratio	Lower	Upper	
152	100		
115	55.9	28.2	84.7
150	156.7	0.0	347.6

