

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006260.D
 Acq On : 01 Oct 2021 14:56
 Operator : SY/MD
 Sample : M4036-01
 Misc : 5.61G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 211

Quant Time: Oct 02 02:12:29 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	135103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	184348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83490	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	87018	60.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.360%
35) Dibromofluoromethane	7.722	113	66798	63.552	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	127.100%
50) Toluene-d8	10.185	98	246762	56.096	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.200%
62) 4-Bromofluorobenzene	12.483	95	79538	53.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.440%

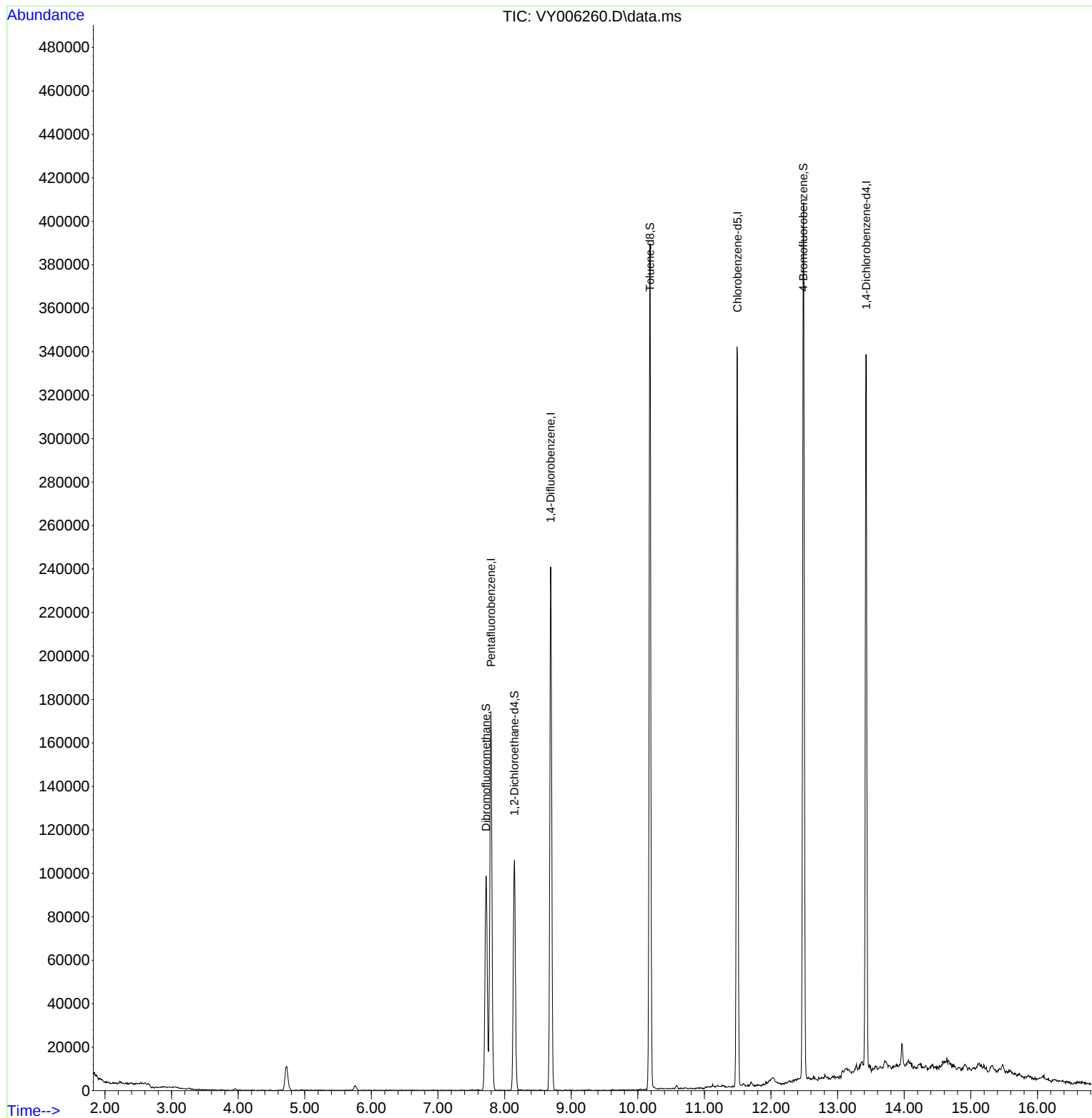
Target Compounds	Qvalue

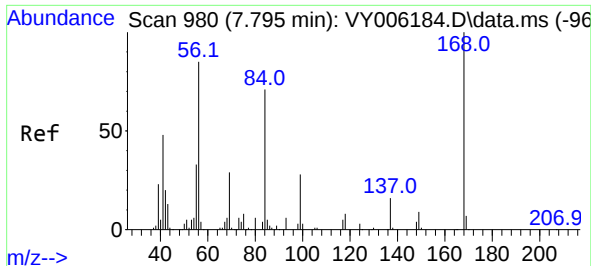
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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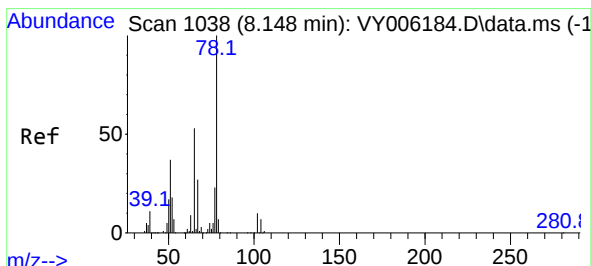
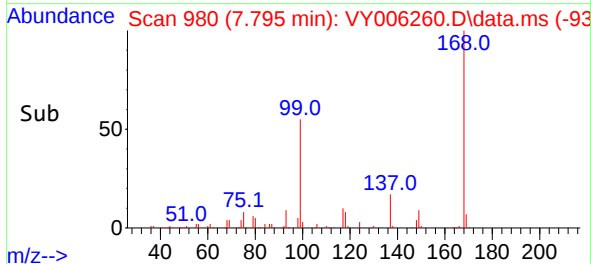
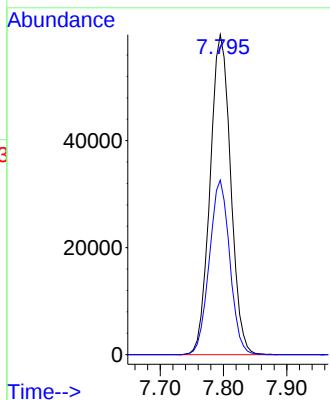
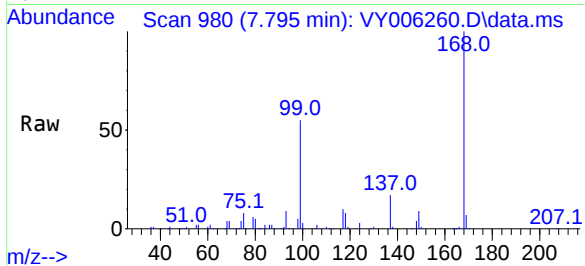




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

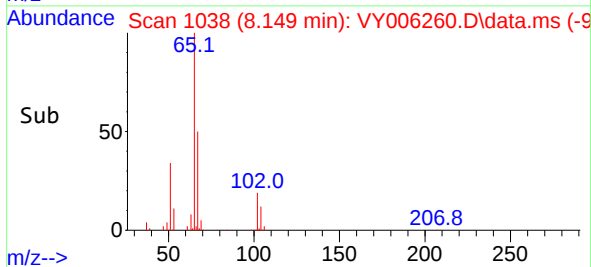
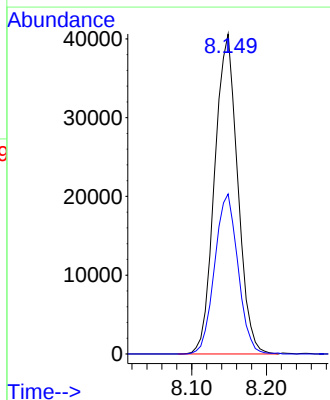
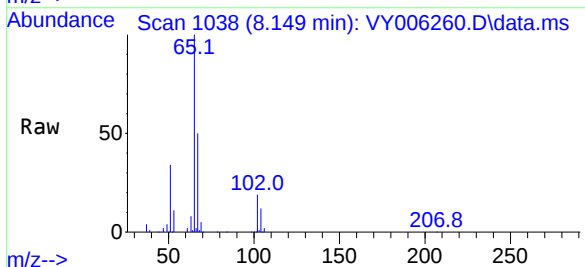
Instrument :
MSVOA_Y
ClientSampled :
211

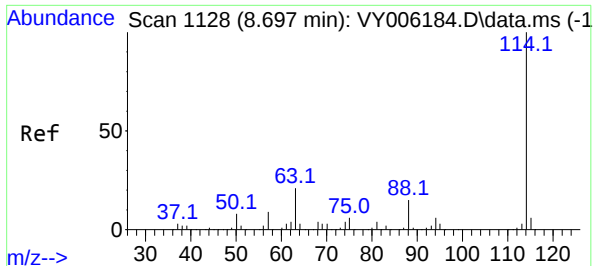
Tgt Ion:168 Resp: 135103
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.179 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Tgt Ion: 65 Resp: 87018
Ion Ratio Lower Upper
65 100
67 50.7 0.0 99.4

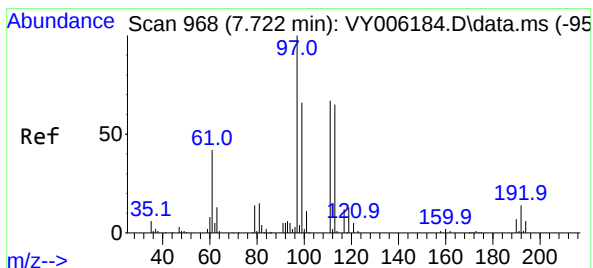
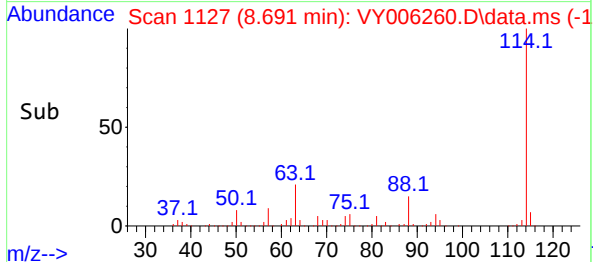
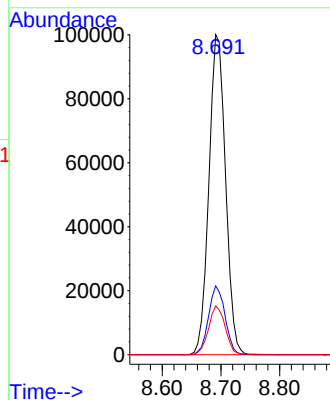
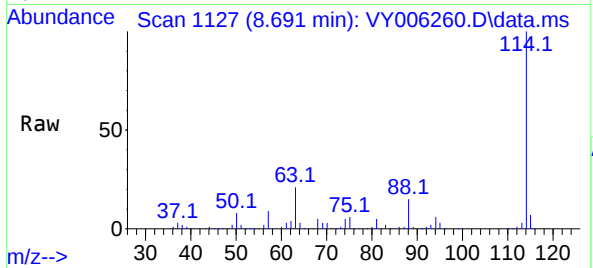




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

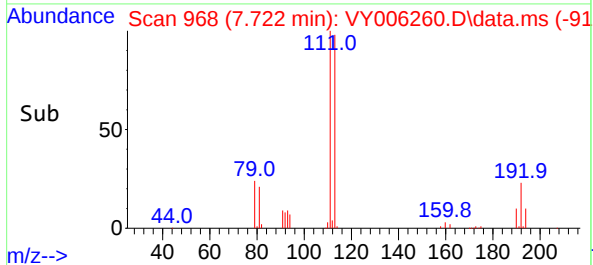
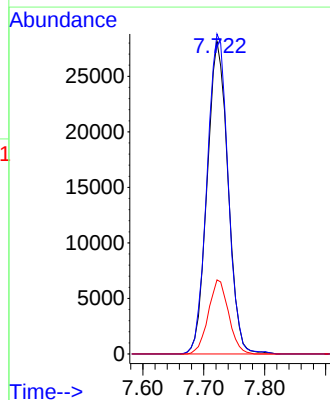
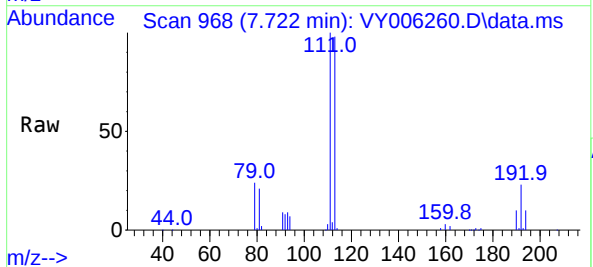
Instrument :
MSVOA_Y
ClientSampled :
211

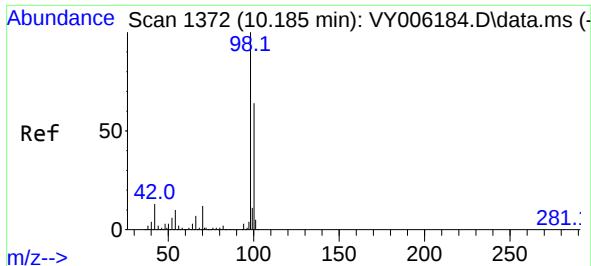
Tgt Ion:114 Resp: 196735
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.2
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 63.552 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Tgt Ion:113 Resp: 66798
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 23.1 17.6 26.4

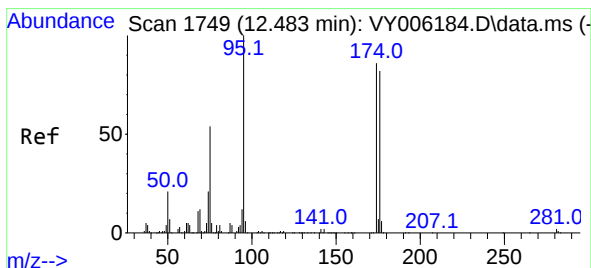
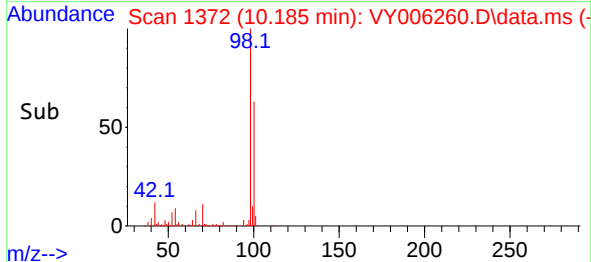
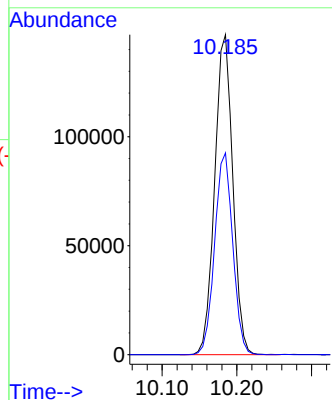
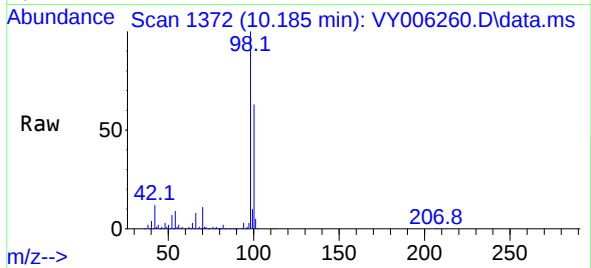




#50
Toluene-d8
Concen: 56.096 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

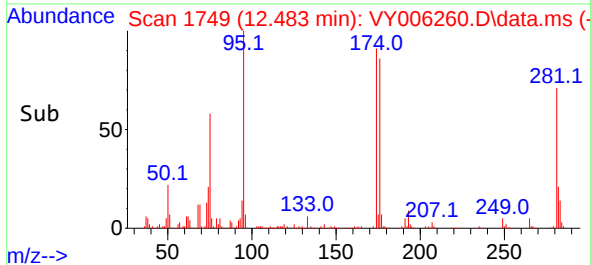
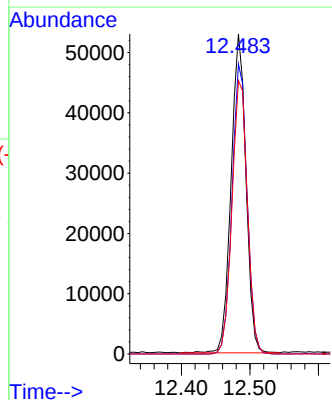
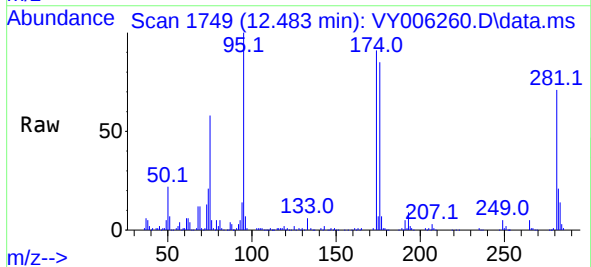
Instrument :
MSVOA_Y
ClientSampled :
211

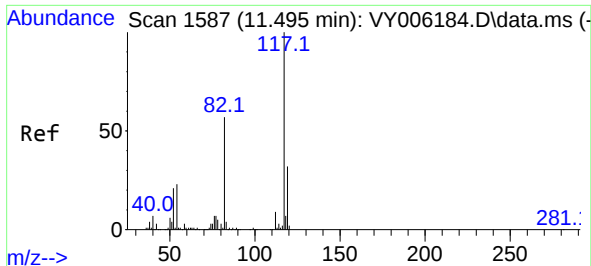
Tgt Ion: 98 Resp: 246762
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.225 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Tgt Ion: 95 Resp: 79538
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 88.9 0.0 175.8

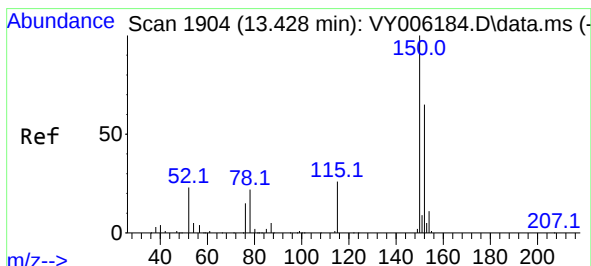
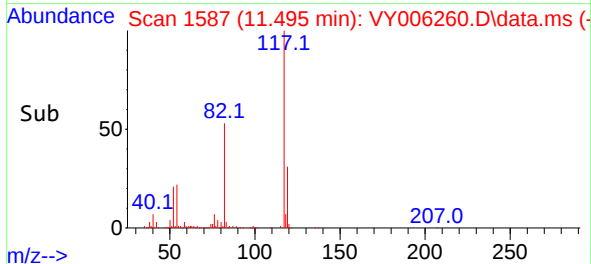
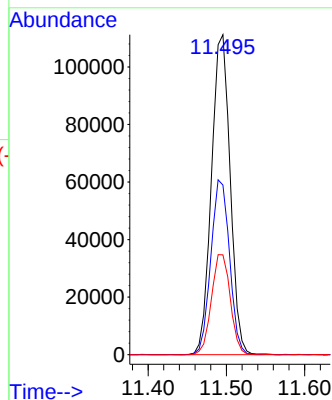
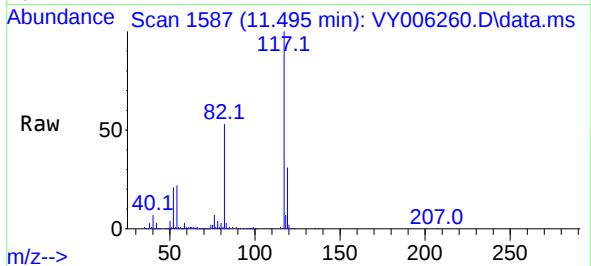




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006260.D
Acq: 01 Oct 2021 14:56

Instrument :
MSVOA_Y
ClientSampleId :
211

Tgt Ion:	117	Resp:	184348
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.0	64.4
119	31.2	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: VY006260.D
Acq: 01 Oct 2021 14:56

Tgt Ion:	152	Resp:	83490
Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	156.7	0.0	347.6

