

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100421\
 Data File : VY006290.D
 Acq On : 04 Oct 2021 20:38
 Operator : SY/MD
 Sample : M4041-02
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 N-2

Quant Time: Oct 05 06:39:12 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	59979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	99117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	94932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44027	68.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.16%
35) Dibromofluoromethane	7.722	113	31324	59.15	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.30%
50) Toluene-d8	10.185	98	125796	56.76	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.52%
62) 4-Bromofluorobenzene	12.483	95	39830	52.90	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.80%

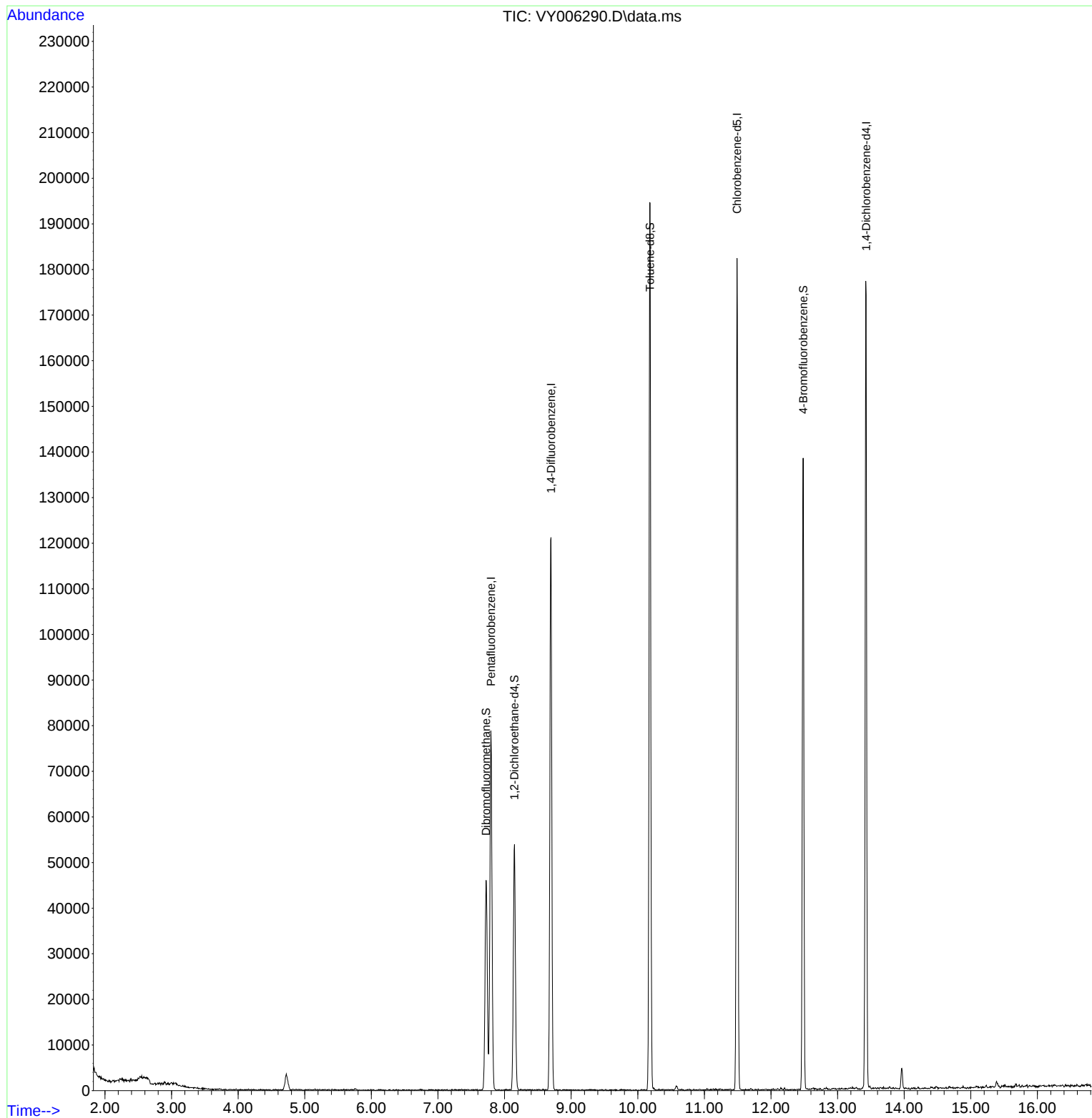
Target Compounds	Qvalue

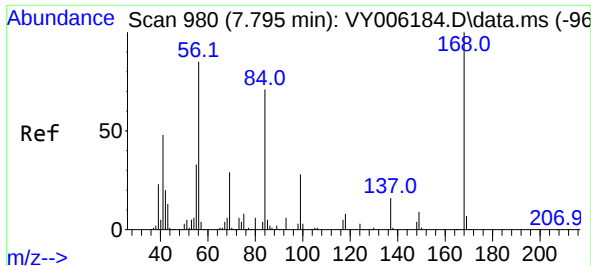
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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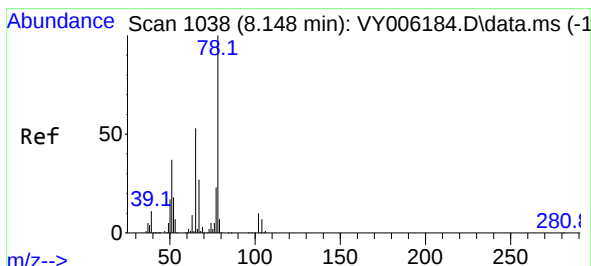
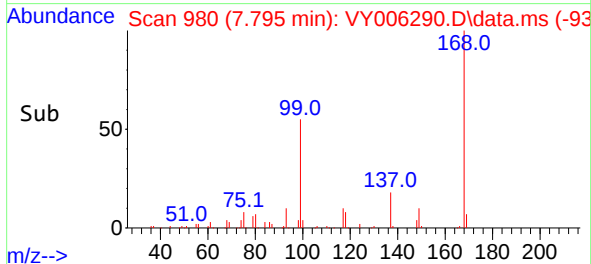
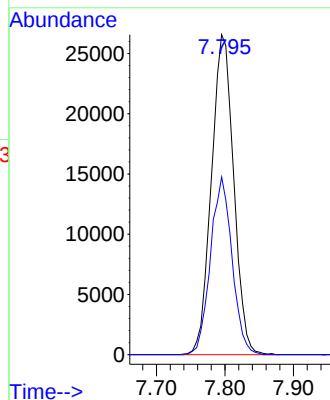
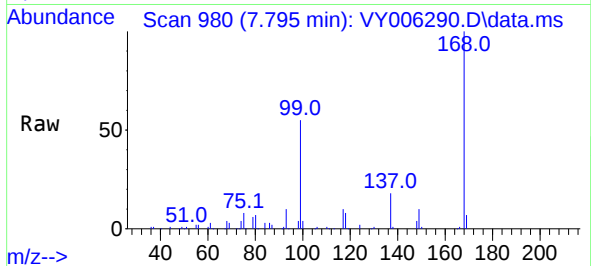




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006290.D
Acq: 04 Oct 2021 20:38

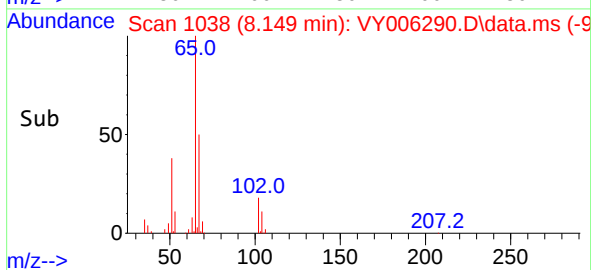
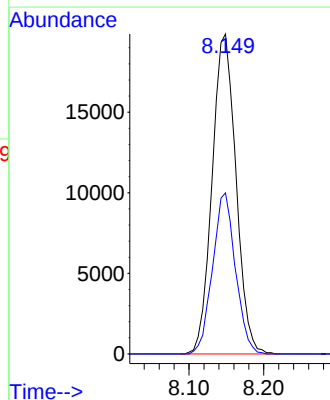
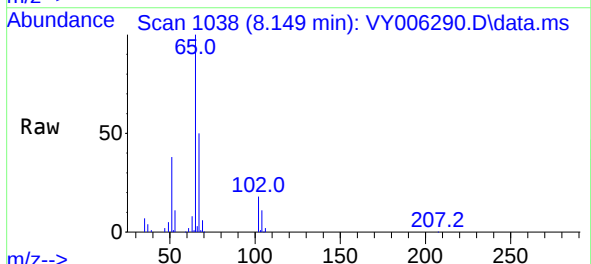
Instrument :
MSVOA_Y
ClientSampled :
N-2

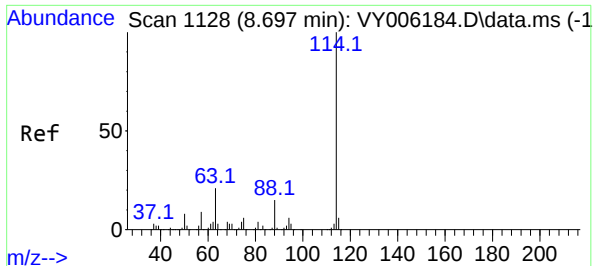
Tgt Ion:168 Resp: 59979
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 68.58 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006290.D
Acq: 04 Oct 2021 20:38

Tgt Ion: 65 Resp: 44027
Ion Ratio Lower Upper
65 100
67 48.2 0.0 99.4

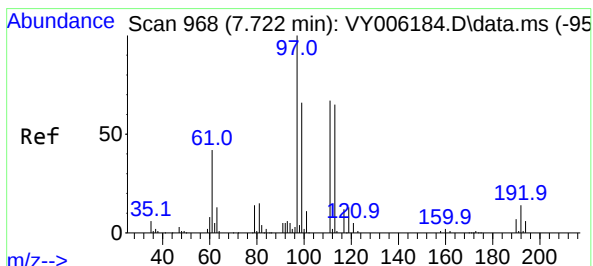
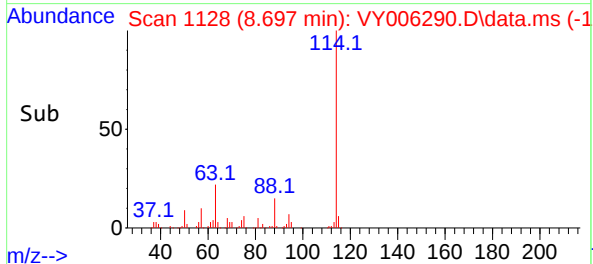
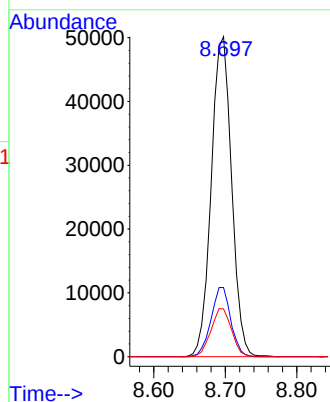
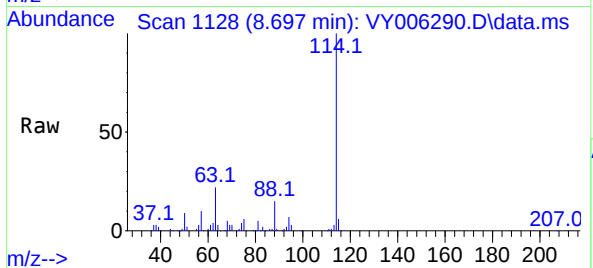




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006290.D
Acq: 04 Oct 2021 20:38

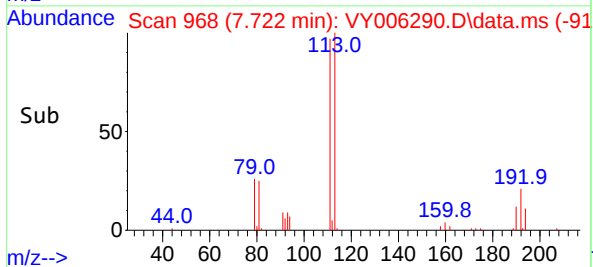
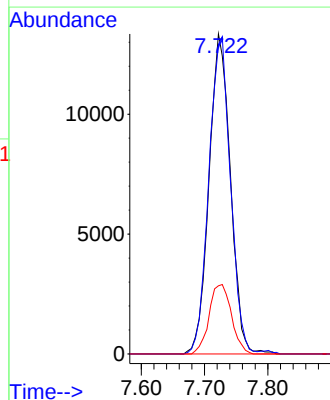
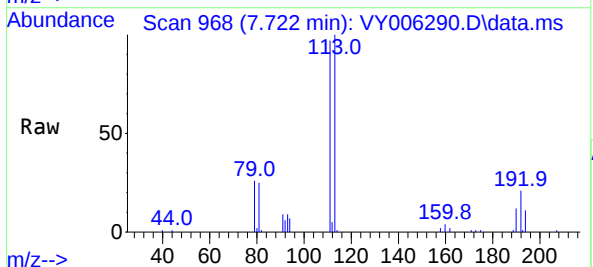
Instrument :
MSVOA_Y
ClientSampled :
N-2

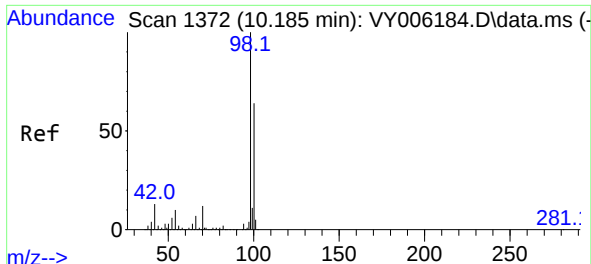
Tgt Ion:	114	Resp:	99117
Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	15.0	0.0	31.8



#35
Dibromofluoromethane
Concen: 59.15 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006290.D
Acq: 04 Oct 2021 20:38

Tgt Ion:	113	Resp:	31324
Ion	Ratio	Lower	Upper
113	100		
111	100.1	82.6	124.0
192	22.7	17.6	26.4

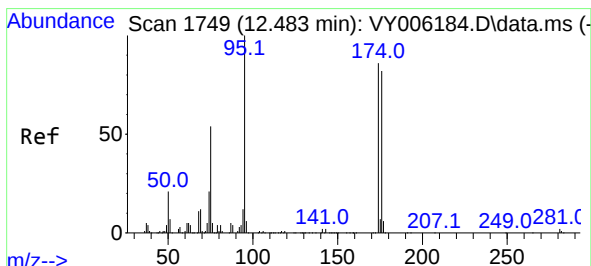
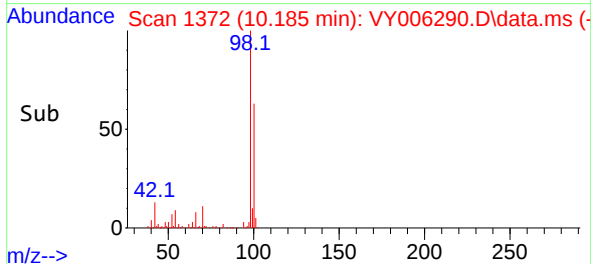
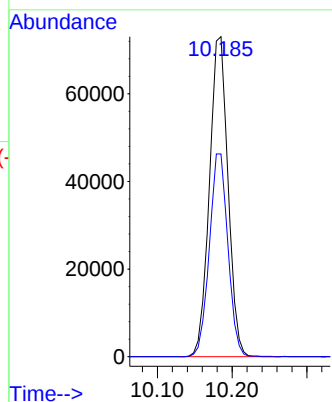
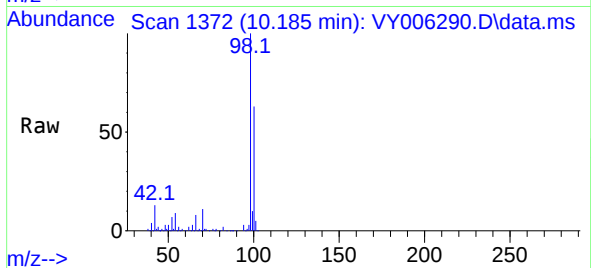




#50
Toluene-d8
Concen: 56.76 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006290.D
Acq: 04 Oct 2021 20:38

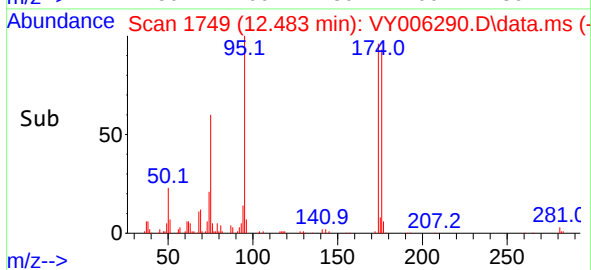
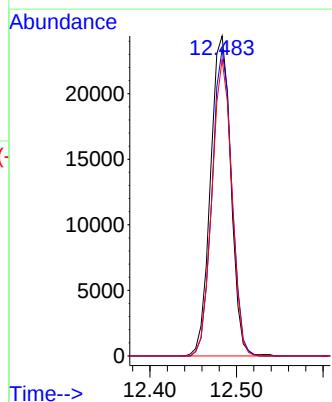
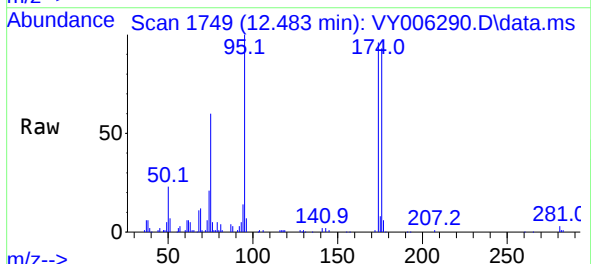
Instrument :
MSVOA_Y
ClientSampled :
N-2

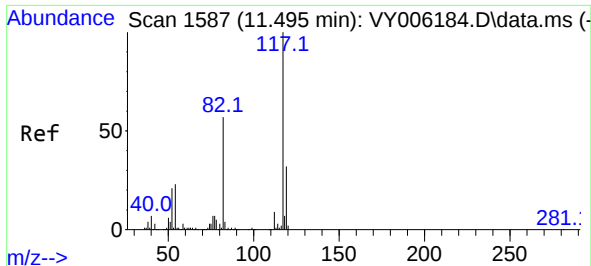
Tgt Ion: 98 Resp: 125796
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.90 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006290.D
Acq: 04 Oct 2021 20:38

Tgt Ion: 95 Resp: 39830
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 90.1 0.0 175.8

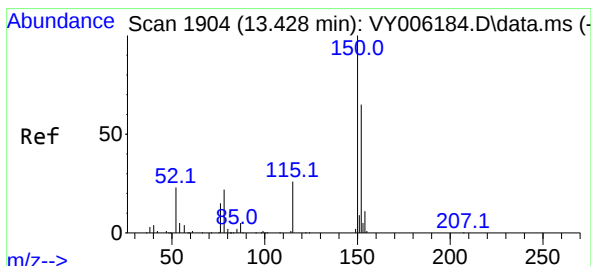
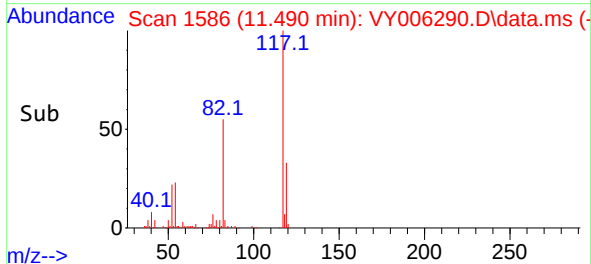
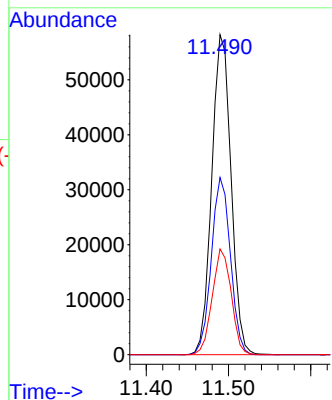
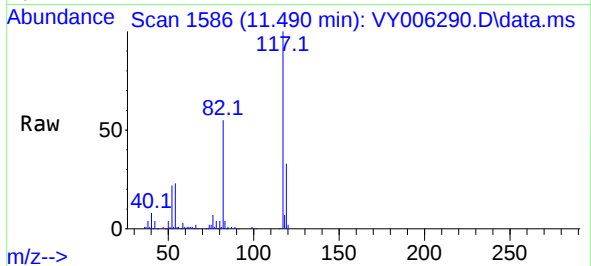




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006290.D
Acq: 04 Oct 2021 20:38

Instrument :
MSVOA_Y
ClientSampled :
N-2

Tgt Ion:	117	Resp:	94932
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.0	64.4
119	33.0	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006290.D
Acq: 04 Oct 2021 20:38

Tgt Ion:	152	Resp:	44211
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	155.3	0.0	347.6

