

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070360.D
 Acq On : 14 Sep 2021 18:30
 Operator : VA/SY
 Sample : M3687-31
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A003145

Quant Time: Sep 15 02:47:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	328846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	634556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	804913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	397954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205651	48.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.400%
35) Dibromofluoromethane	7.914	113	229195	50.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.480%
50) Toluene-d8	10.332	98	852694	51.995	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.980%
62) 4-Bromofluorobenzene	12.626	95	389107	67.890	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	135.780%

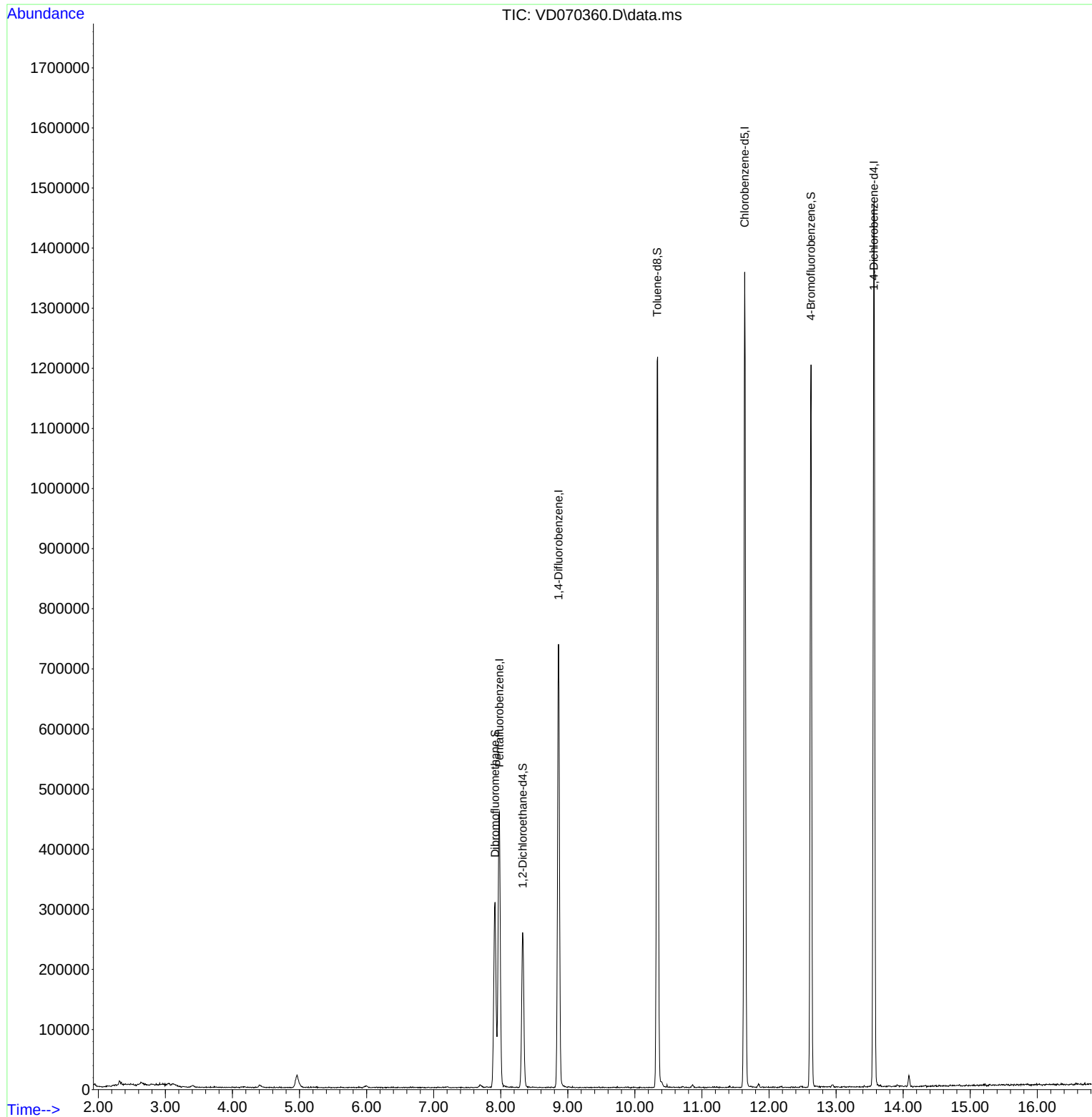
Target Compounds	Qvalue

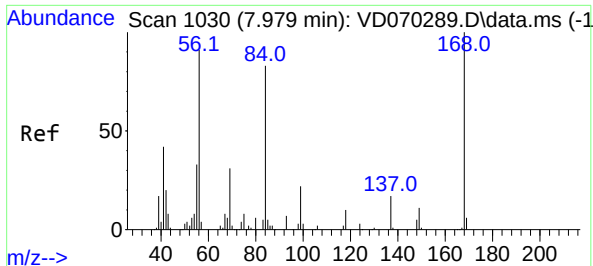
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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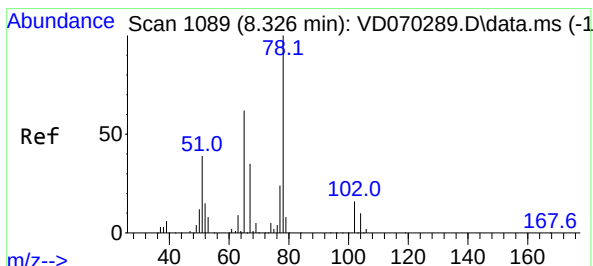
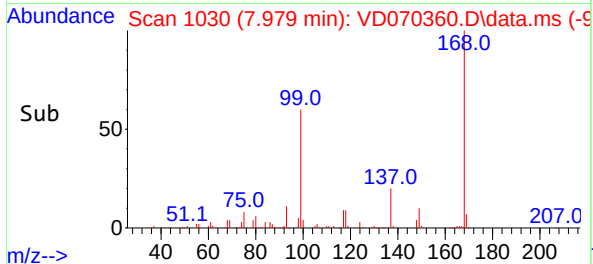
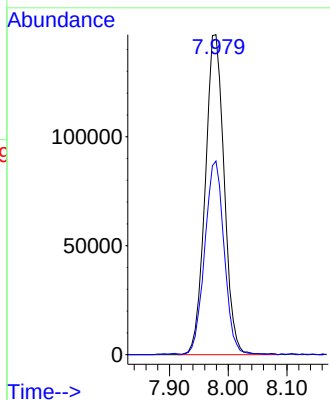
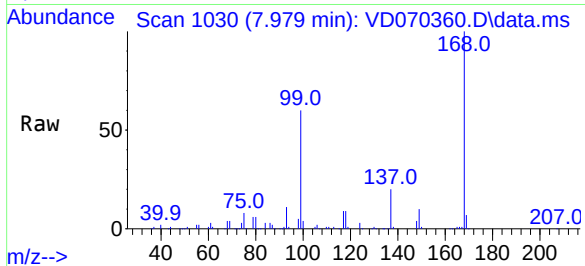




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070360.D
Acq: 14 Sep 2021 18:30

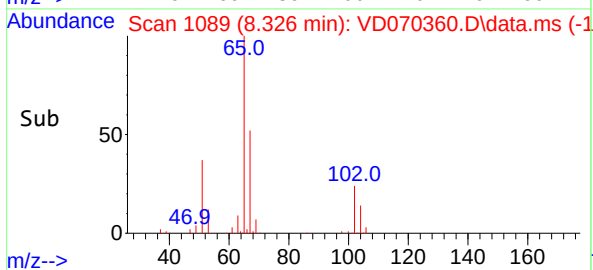
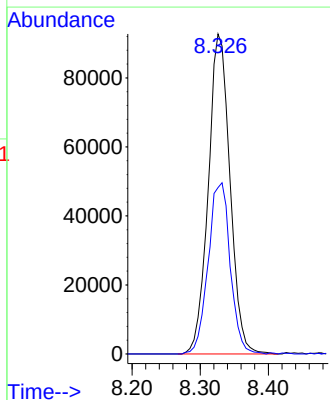
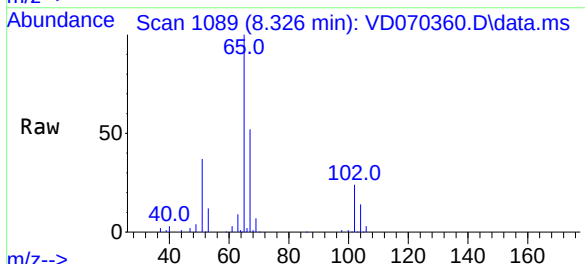
Instrument :
MSVOA_D
ClientSampleId :
A003145

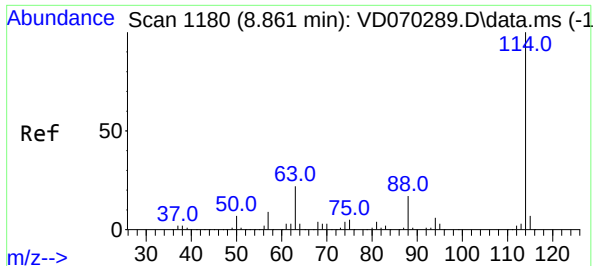
Tgt Ion:168 Resp: 328846
Ion Ratio Lower Upper
168 100
99 60.5 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.704 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070360.D
Acq: 14 Sep 2021 18:30

Tgt Ion: 65 Resp: 205651
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.4



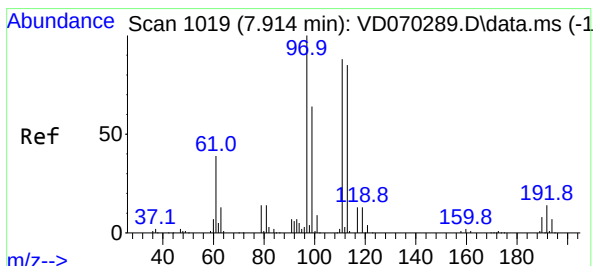
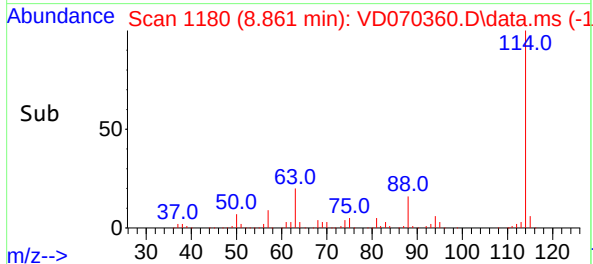
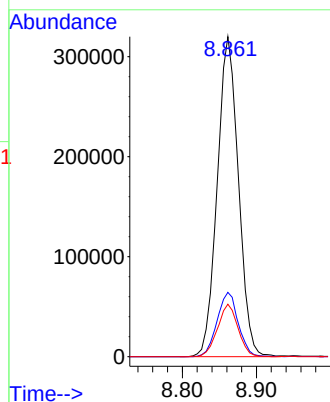
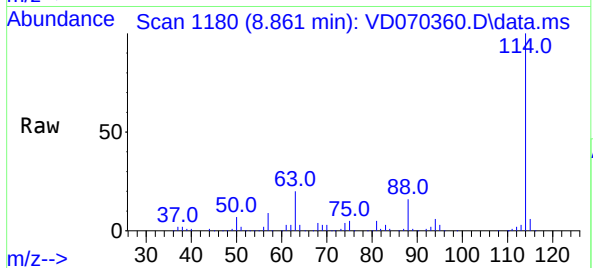


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070360.D
Acq: 14 Sep 2021 18:30

Instrument :
MSVOA_D
ClientSampleId :
A003145

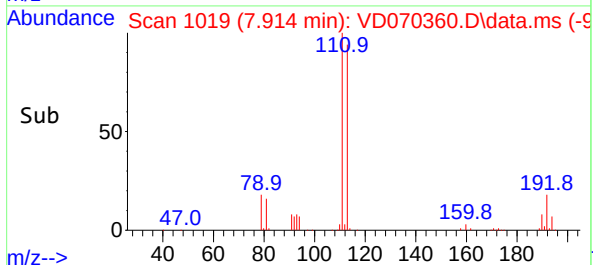
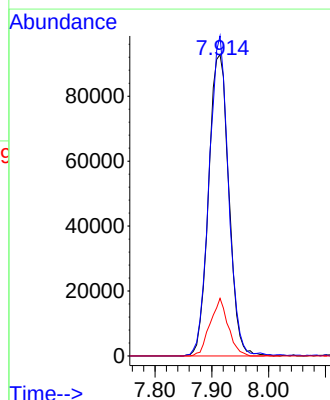
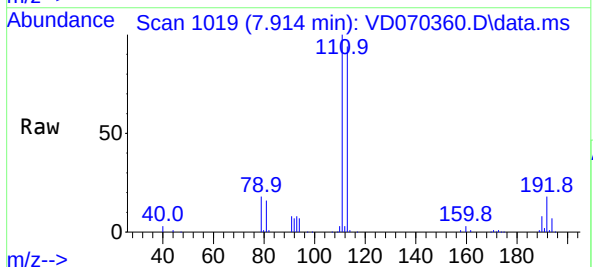
Tgt Ion:114 Resp: 634556
Ion Ratio Lower Upper
114 100
63 20.1 0.0 43.4
88 16.4 0.0 33.4

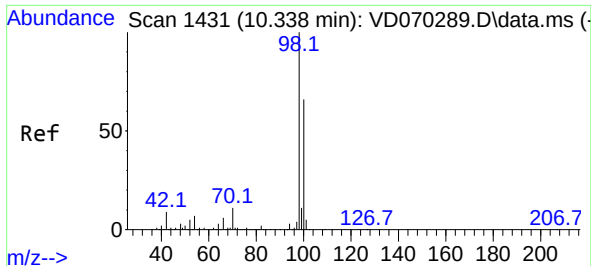


#35

Dibromofluoromethane
Concen: 50.742 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070360.D
Acq: 14 Sep 2021 18:30

Tgt Ion:113 Resp: 229195
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.2
192 17.1 13.0 19.6

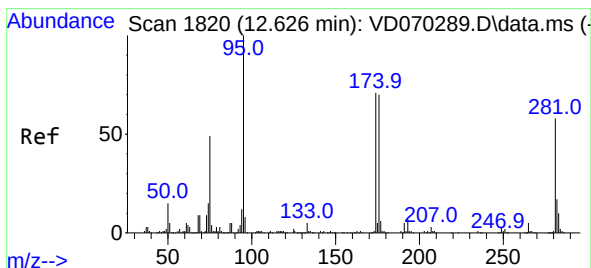
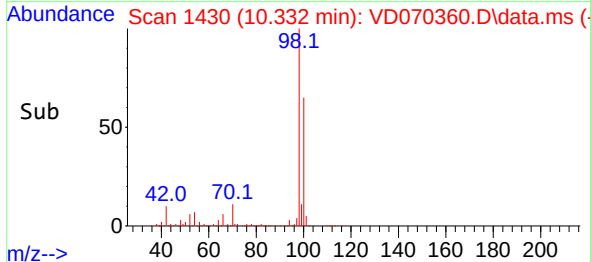
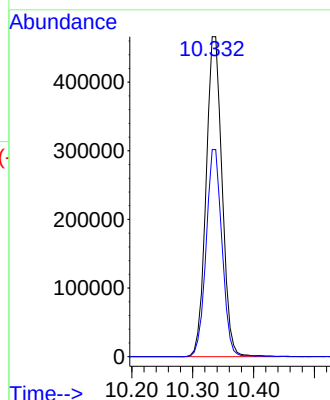
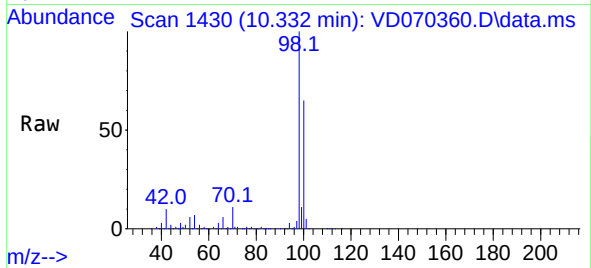




#50
Toluene-d8
Concen: 51.995 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070360.D
Acq: 14 Sep 2021 18:30

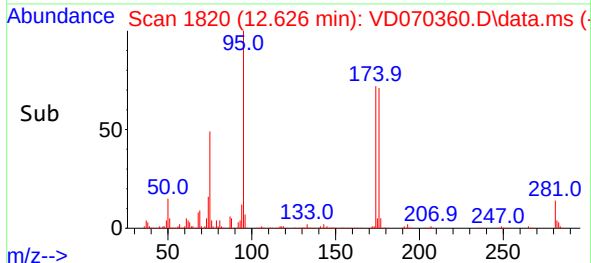
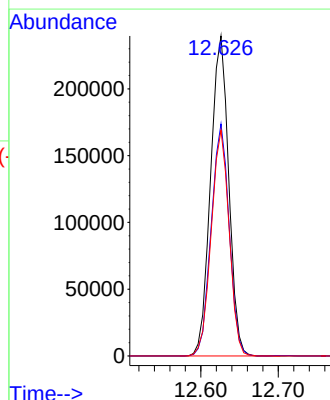
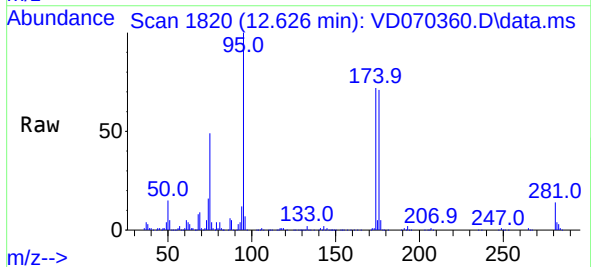
Instrument :
MSVOA_D
ClientSampleId :
A003145

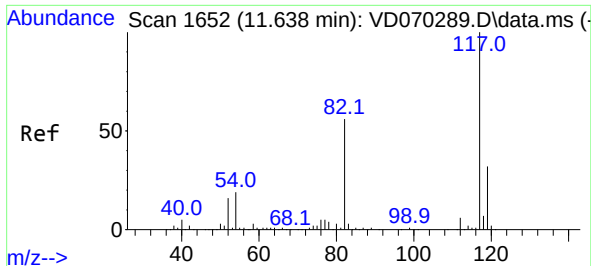
Tgt Ion: 98 Resp: 852694
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 67.890 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070360.D
Acq: 14 Sep 2021 18:30

Tgt Ion: 95 Resp: 389107
Ion Ratio Lower Upper
95 100
174 72.0 0.0 140.6
176 69.4 0.0 137.4

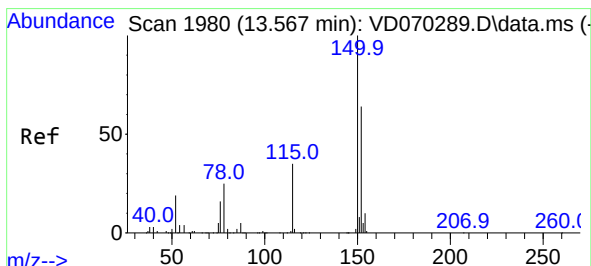
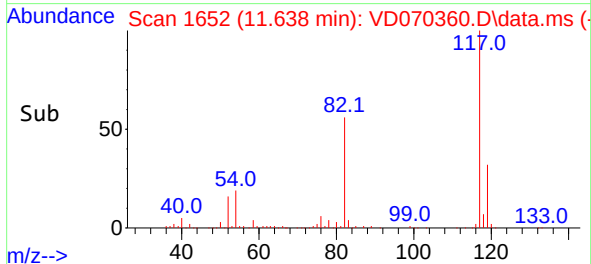
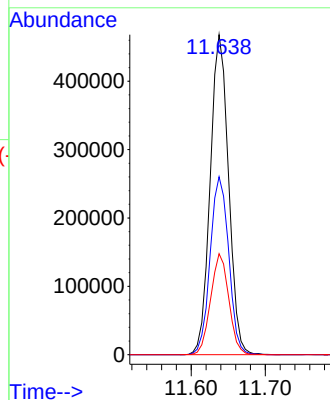
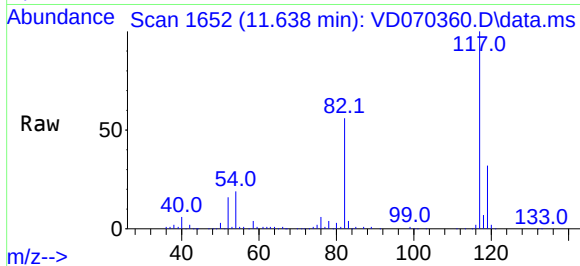




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070360.D
Acq: 14 Sep 2021 18:30

Instrument :
MSVOA_D
ClientSampleId :
A003145

Tgt Ion:117 Resp: 804913
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.4
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070360.D
Acq: 14 Sep 2021 18:30

Tgt Ion:152 Resp: 397954
Ion Ratio Lower Upper
152 100
115 60.4 32.1 96.3
150 156.2 0.0 350.6

