

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092921\
 Data File : VD070521.D
 Acq On : 29 Sep 2021 14:23
 Operator : VA/SY
 Sample : M3938-03
 Misc : 6.72G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUB-SLAB-05(6-2.6)

Quant Time: Sep 30 00:45:08 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	464931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1002170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1010877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	460381	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	338665	56.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.460%
35) Dibromofluoromethane	7.914	113	351331	49.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.500%
50) Toluene-d8	10.338	98	1310729	50.607	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.220%
62) 4-Bromofluorobenzene	12.620	95	515986	57.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.000%

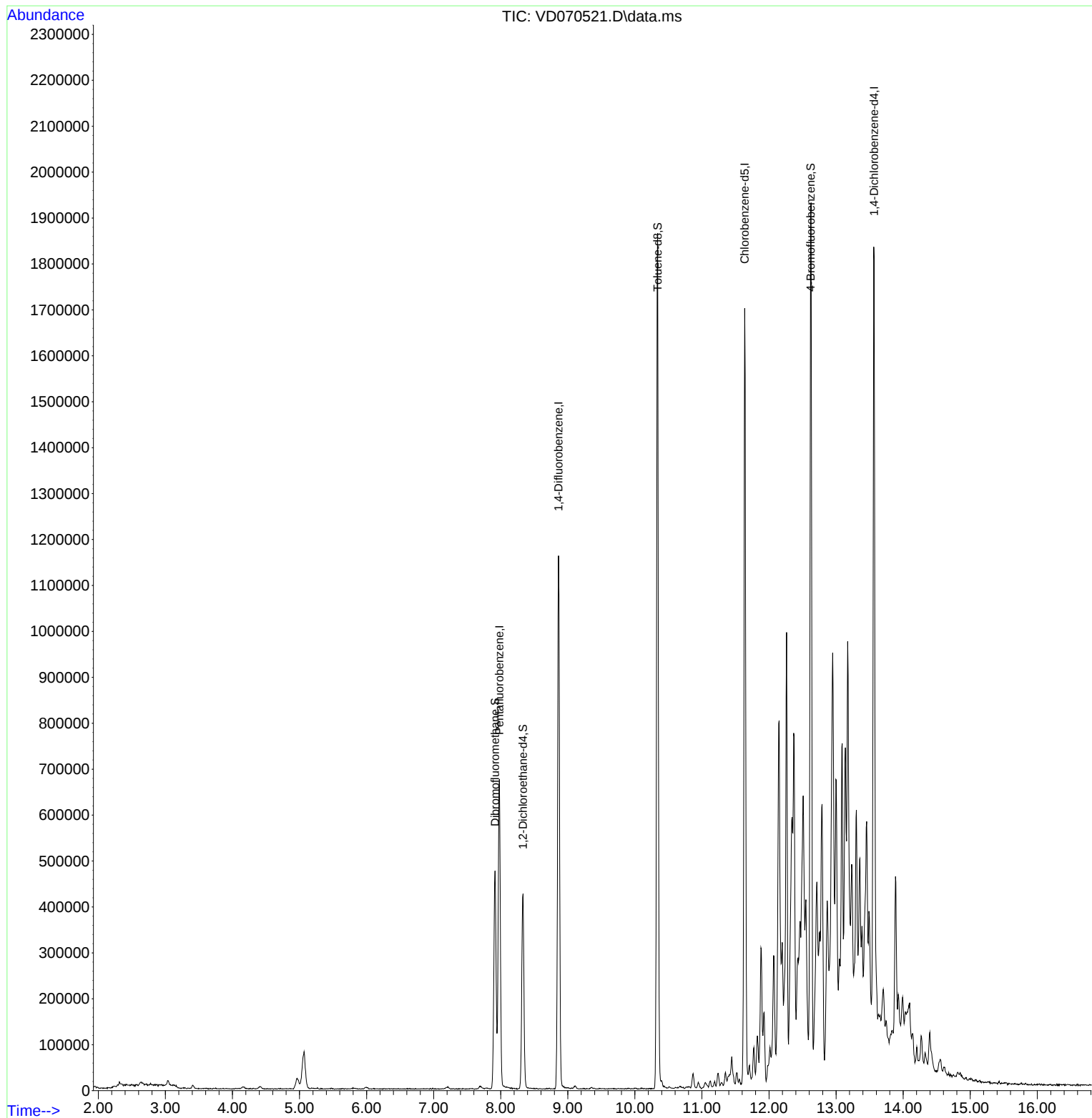
Target Compounds	Qvalue

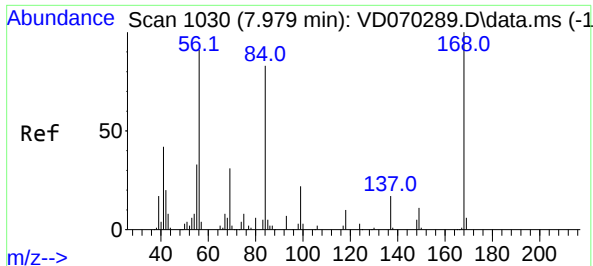
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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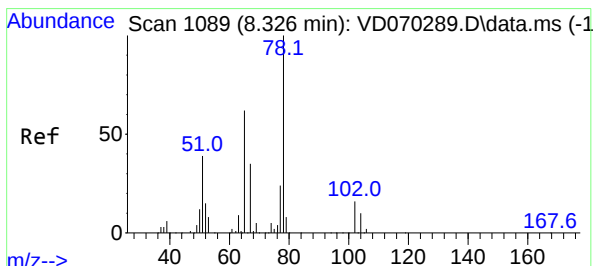
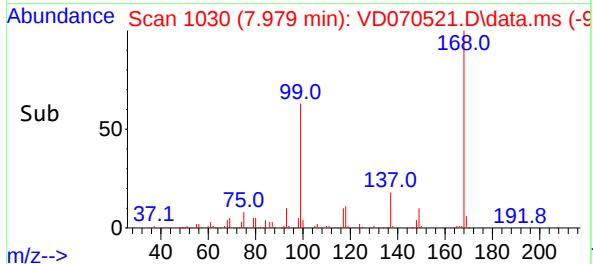
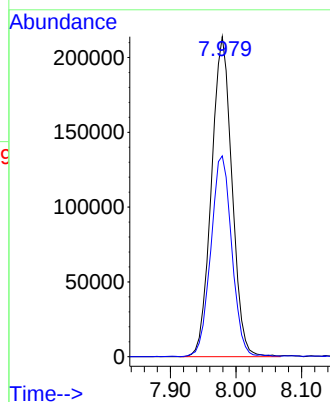
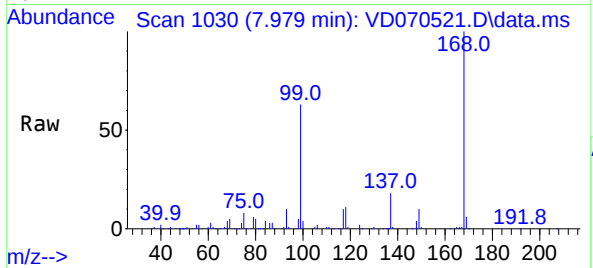




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

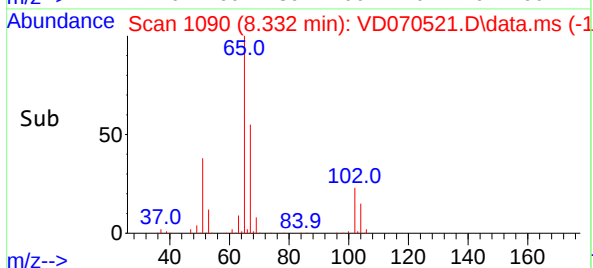
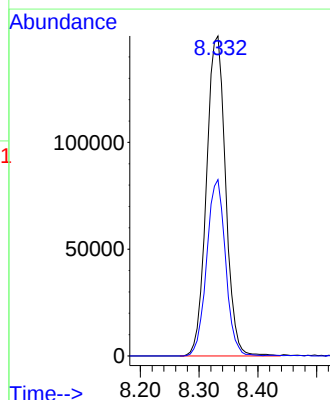
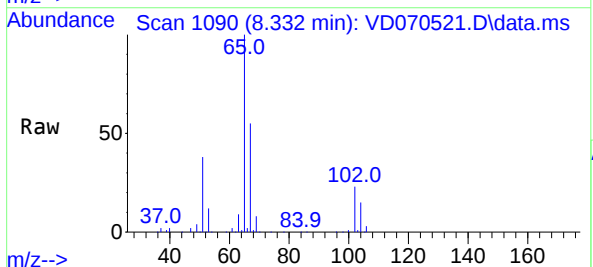
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

Tgt Ion:168 Resp: 464931
Ion Ratio Lower Upper
168 100
99 62.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 56.730 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 65 Resp: 338665
Ion Ratio Lower Upper
65 100
67 54.3 0.0 111.4



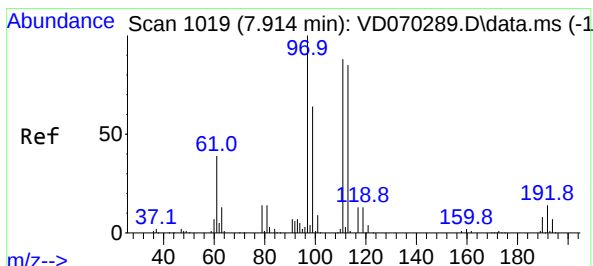
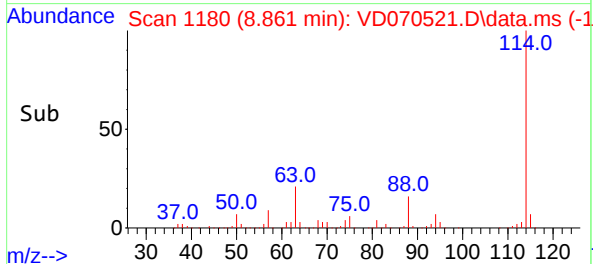
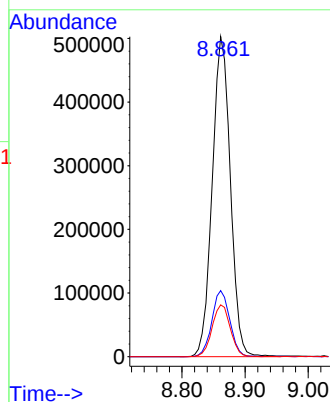
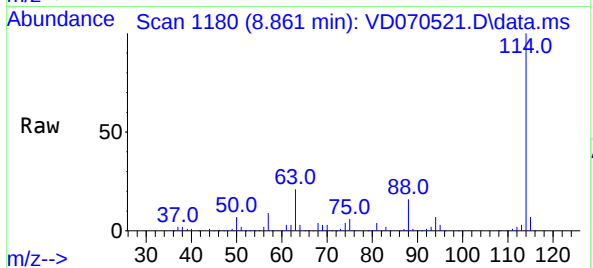


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

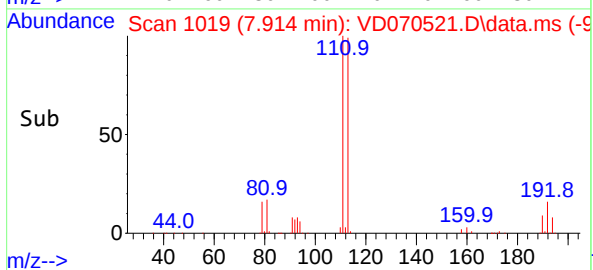
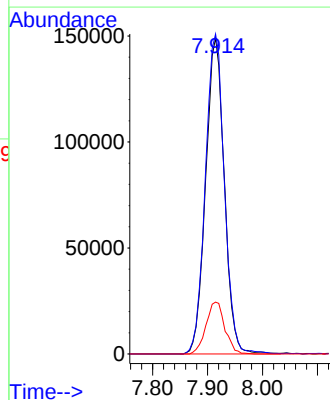
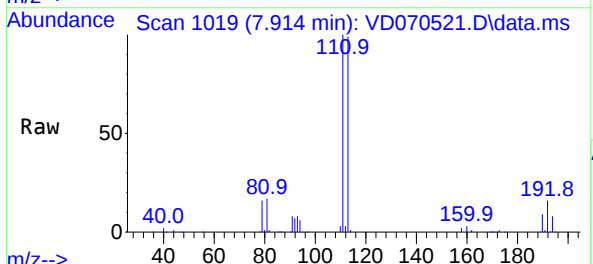
Tgt Ion:114 Resp: 1002170
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 16.2 0.0 33.4

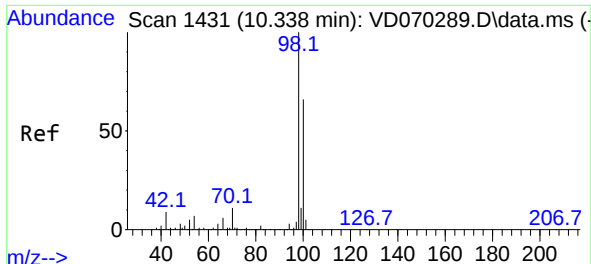


#35

Dibromofluoromethane
Concen: 49.250 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion:113 Resp: 351331
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 16.6 13.0 19.6

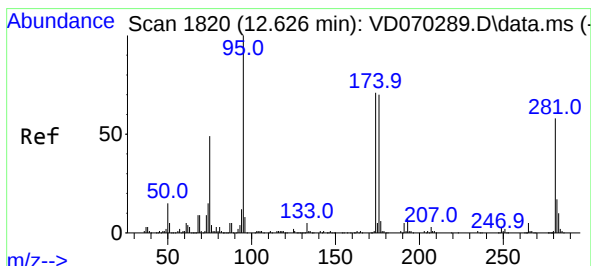
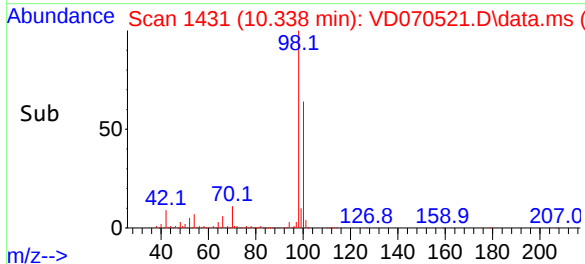
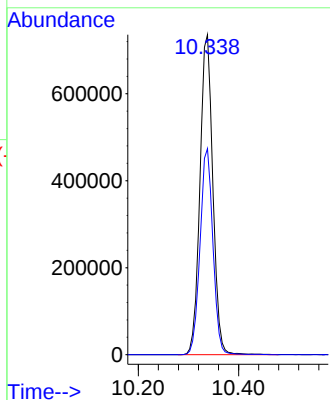
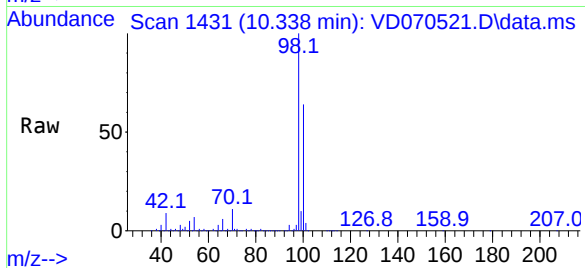




#50
Toluene-d8
Concen: 50.607 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

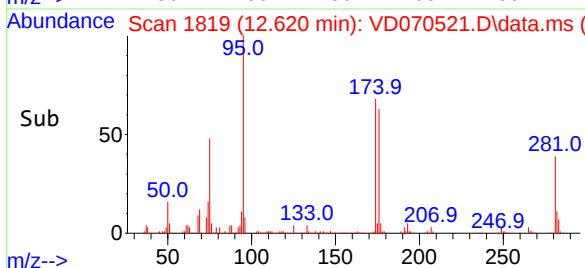
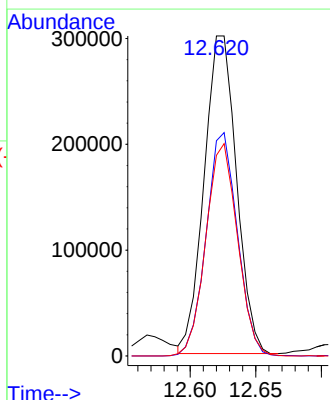
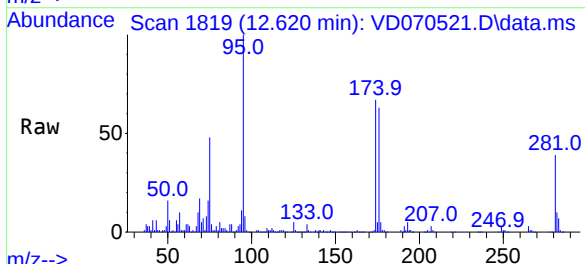
Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

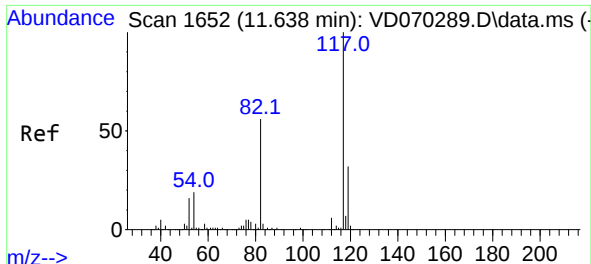
Tgt Ion: 98 Resp: 1310729
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.004 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion: 95 Resp: 515986
Ion Ratio Lower Upper
95 100
174 67.9 0.0 140.6
176 65.5 0.0 137.4

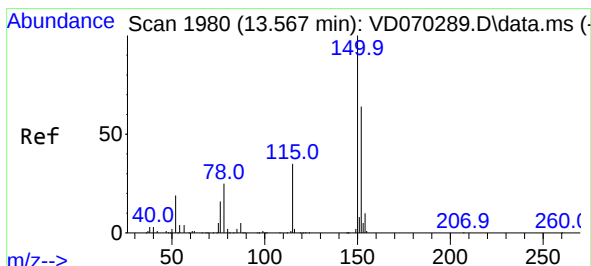
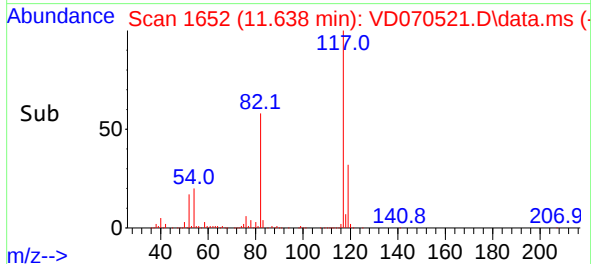
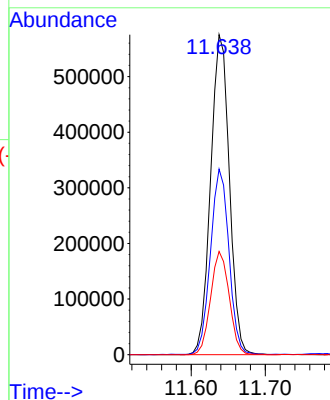
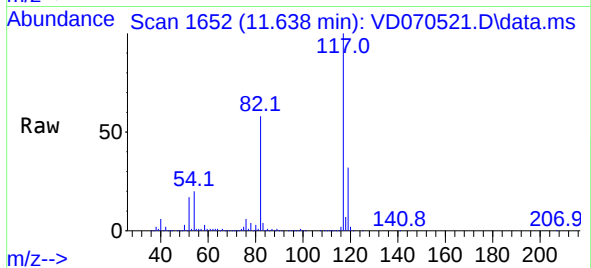




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Instrument :
MSVOA_D
ClientSampleId :
SUB-SLAB-05(6-2.6)

Tgt Ion:117 Resp: 1010877
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070521.D
Acq: 29 Sep 2021 14:23

Tgt Ion:152 Resp: 460381
Ion Ratio Lower Upper
152 100
115 63.6 32.1 96.3
150 156.2 0.0 350.6

