

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092221\
 Data File : VD070427.D
 Acq On : 22 Sep 2021 15:26
 Operator : VA/SY
 Sample : M3867-03
 Misc : 5.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(7.0-8.0)

Quant Time: Sep 23 05:32:51 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	225740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	450136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	434968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	154080	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	187225	64.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.180%
35) Dibromofluoromethane	7.908	113	179675	56.076	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.160%
50) Toluene-d8	10.337	98	508898	43.745	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.480%
62) 4-Bromofluorobenzene	12.626	95	156440	38.478	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.960%

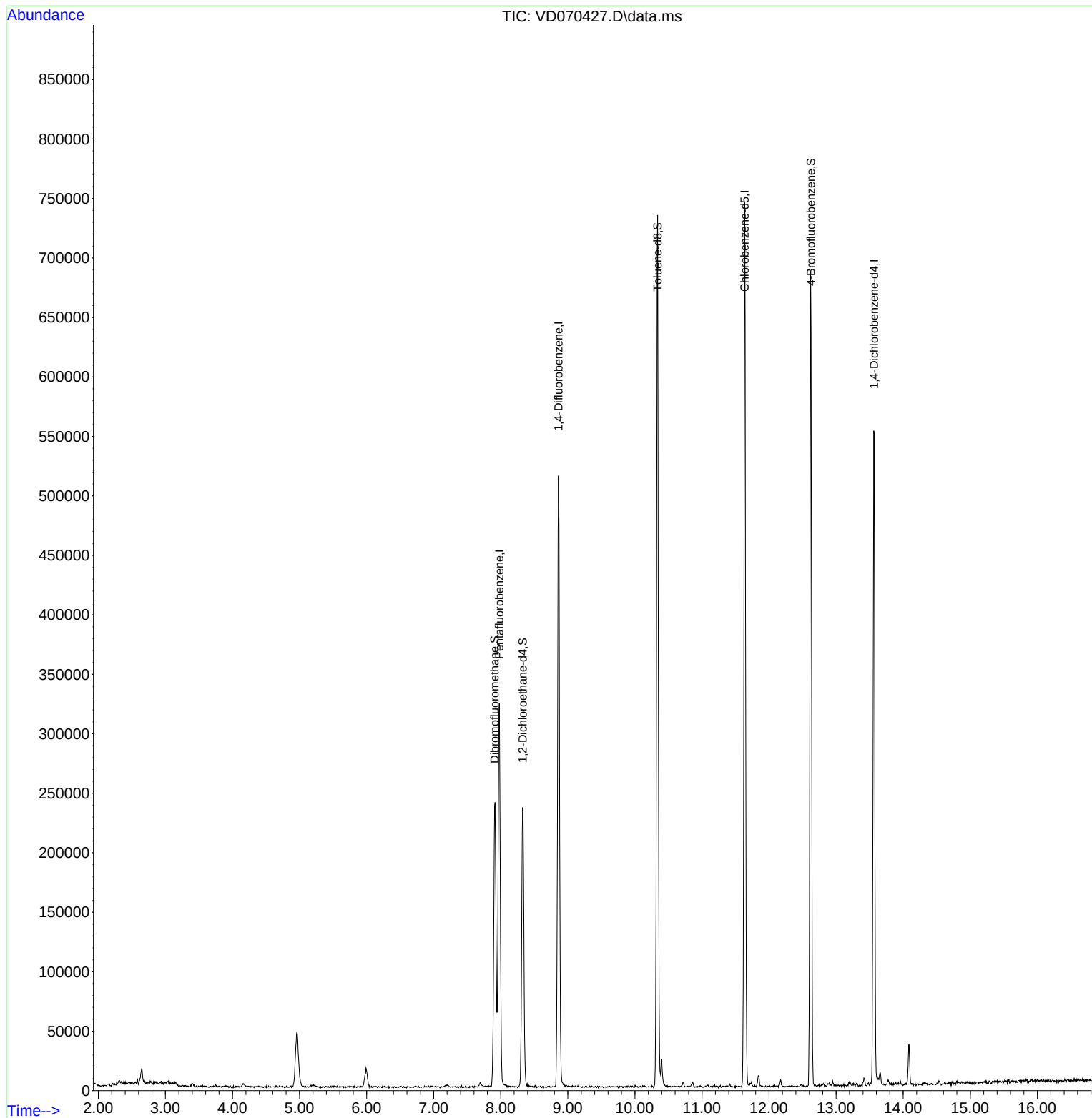
Target Compounds	Qvalue

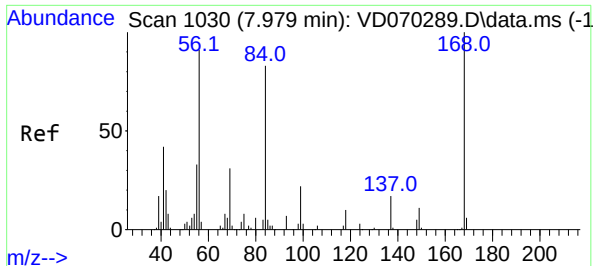
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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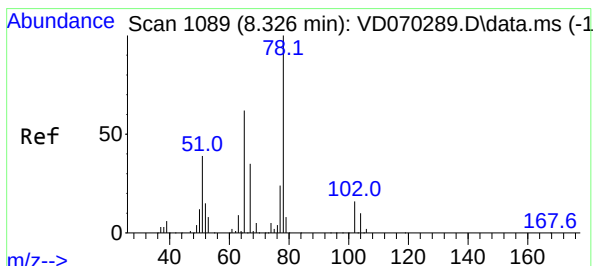
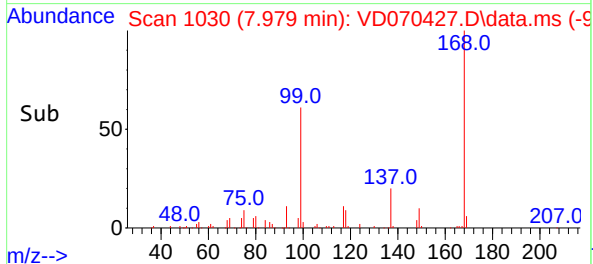
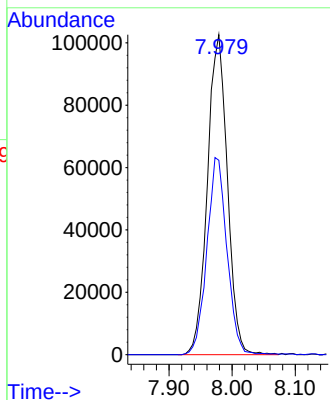
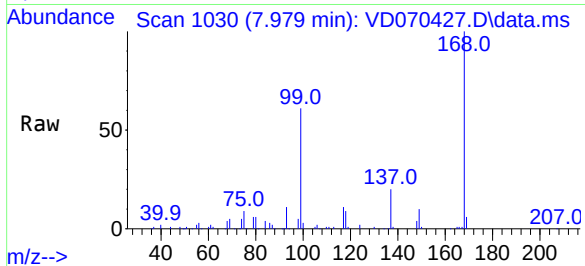




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070427.D
Acq: 22 Sep 2021 15:26

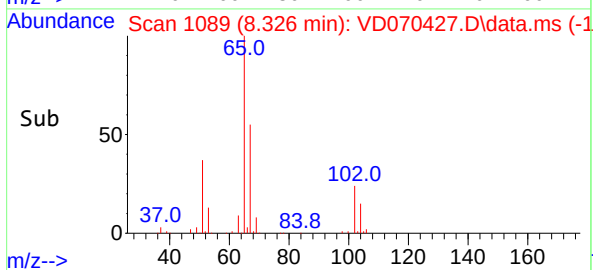
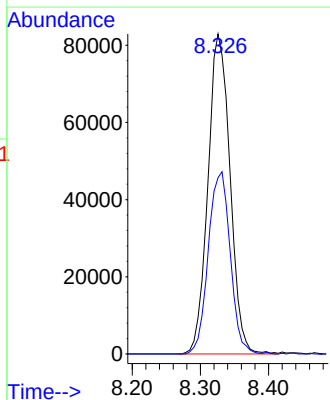
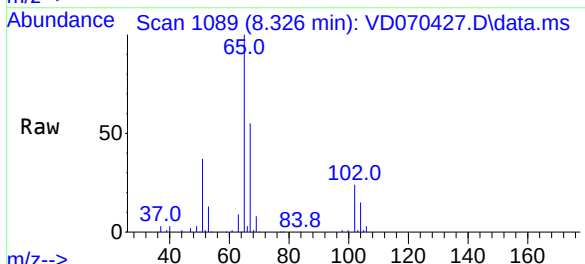
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(7.0-8.0)

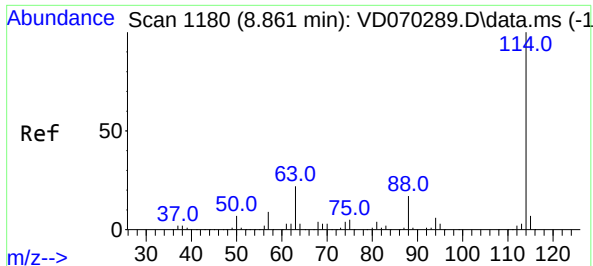
Tgt Ion:168 Resp: 225740
Ion Ratio Lower Upper
168 100
99 60.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 64.593 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070427.D
Acq: 22 Sep 2021 15:26

Tgt Ion: 65 Resp: 187225
Ion Ratio Lower Upper
65 100
67 56.4 0.0 111.4



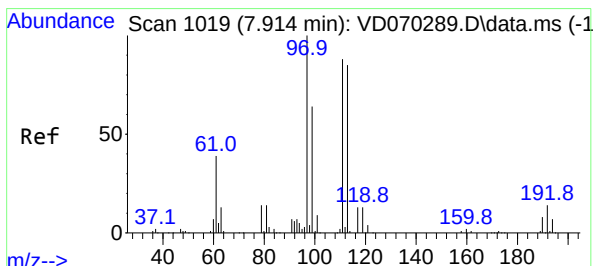
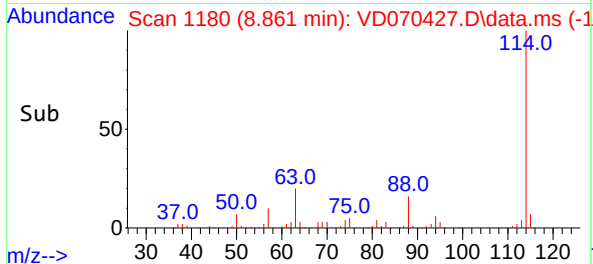
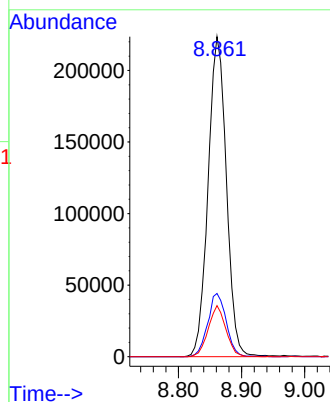
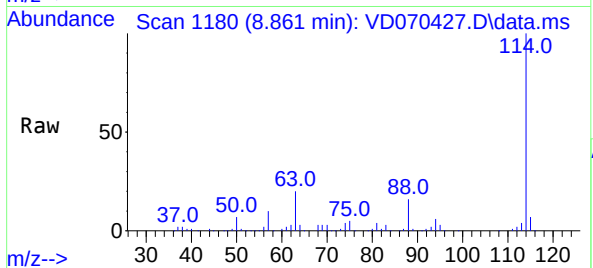


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070427.D
Acq: 22 Sep 2021 15:26

Instrument :
MSVOA_D
ClientSampleId :
SB-3-(7.0-8.0)

Tgt Ion:114 Resp: 450136

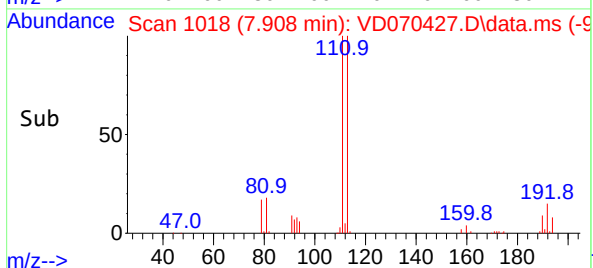
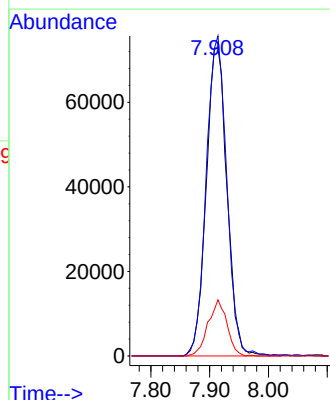
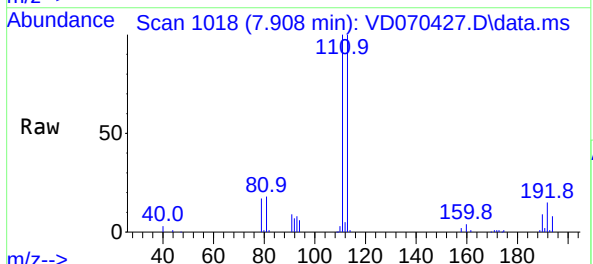
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.4
88	16.0	0.0	33.4

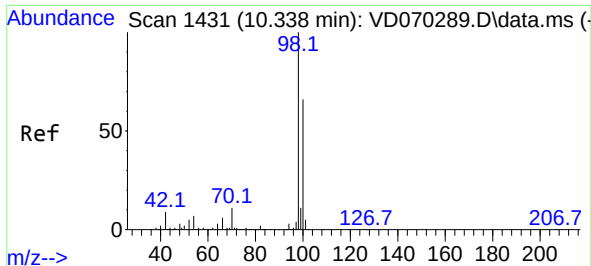


#35
Dibromofluoromethane
Concen: 56.076 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070427.D
Acq: 22 Sep 2021 15:26

Tgt Ion:113 Resp: 179675

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	16.5	13.0	19.6

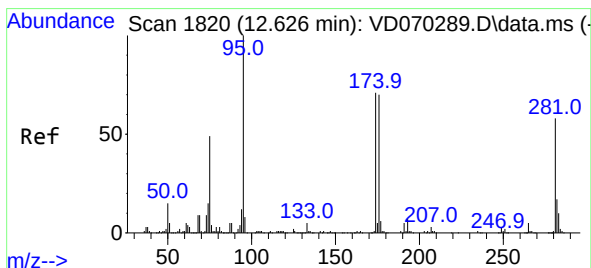
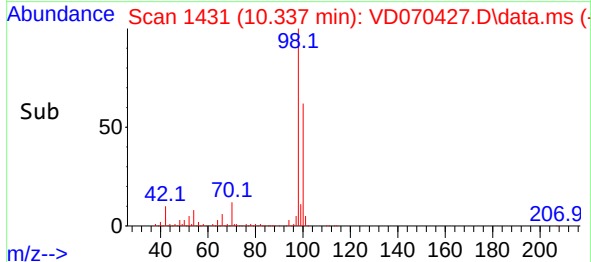
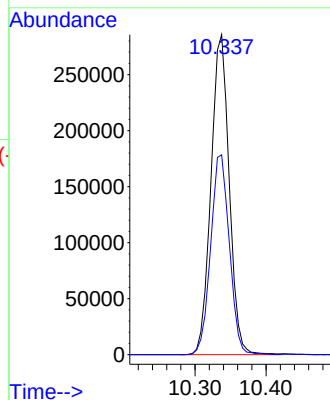
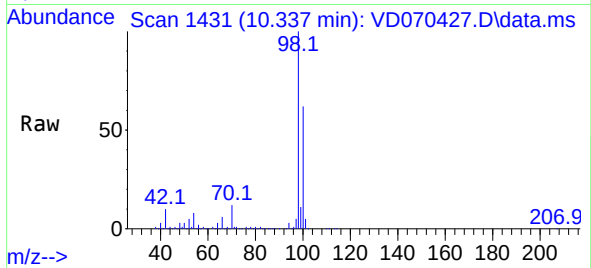




#50
Toluene-d8
Concen: 43.745 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070427.D
Acq: 22 Sep 2021 15:26

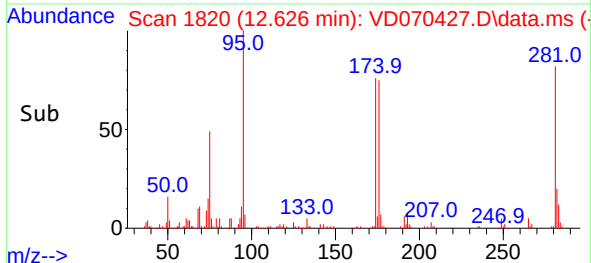
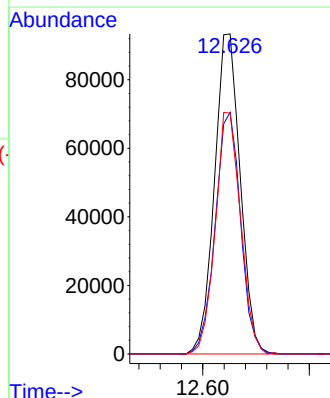
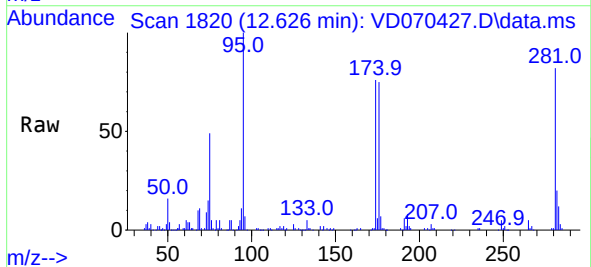
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(7.0-8.0)

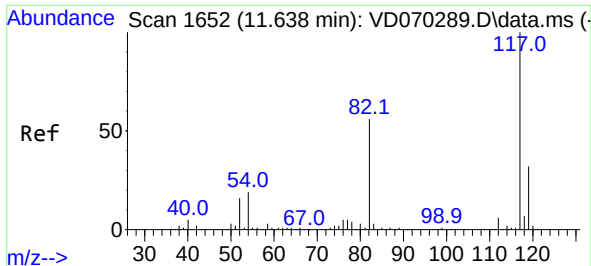
Tgt Ion: 98 Resp: 508898
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 38.478 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070427.D
Acq: 22 Sep 2021 15:26

Tgt Ion: 95 Resp: 156440
Ion Ratio Lower Upper
95 100
174 74.3 0.0 140.6
176 74.1 0.0 137.4

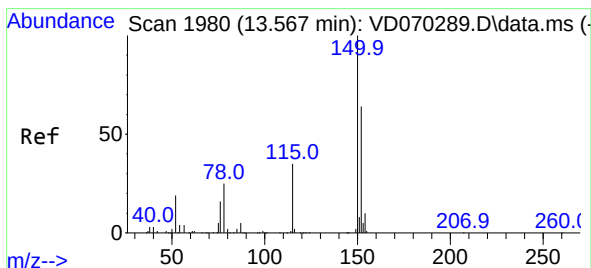
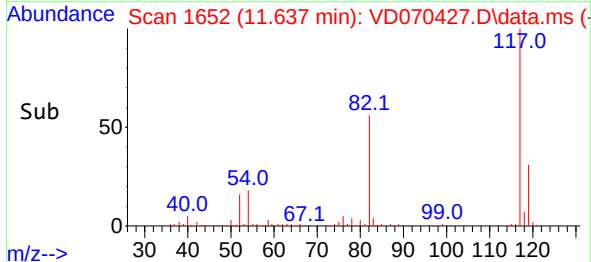
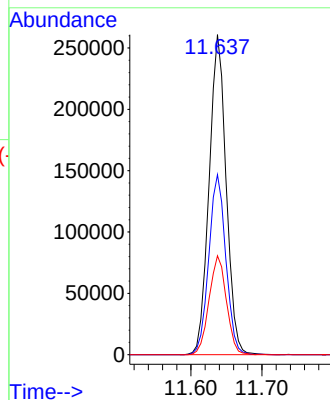
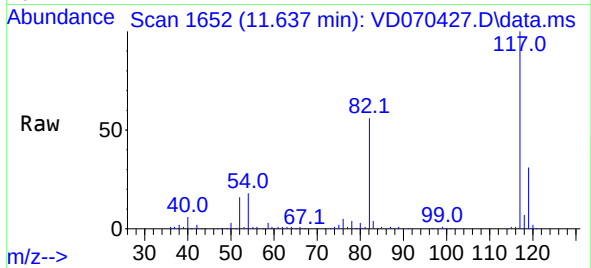




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070427.D
Acq: 22 Sep 2021 15:26

Instrument :
MSVOA_D
ClientSampleId :
SB-3-(7.0-8.0)

Tgt Ion:117 Resp: 434968
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 30.9 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: VD070427.D
Acq: 22 Sep 2021 15:26

Tgt Ion:152 Resp: 154080
Ion Ratio Lower Upper
152 100
115 62.2 32.1 96.3
150 158.8 0.0 350.6

