

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070611.D
 Acq On : 07 Oct 2021 12:28
 Operator : VA/SY
 Sample : M4061-03
 Misc : 4.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-3

Quant Time: Oct 08 04:50:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	378635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	739901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	690114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	277767	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229368	51.47	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.94%	
35) Dibromofluoromethane	7.908	113	250595	50.94	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.88%	
50) Toluene-d8	10.337	98	945525	50.28	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.56%	
62) 4-Bromofluorobenzene	12.626	95	279892	44.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 89.06%	

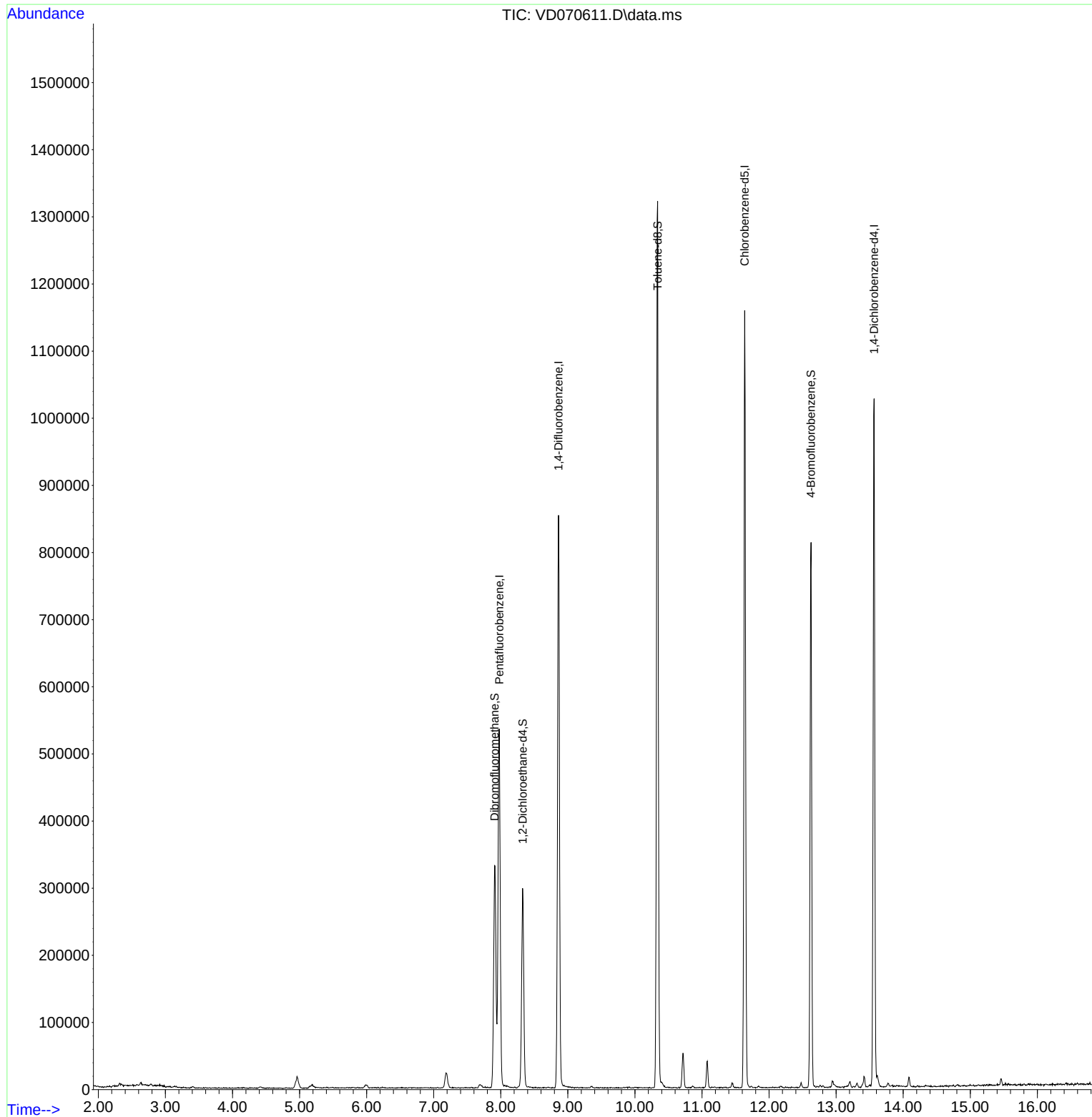
Target Compounds	Qvalue

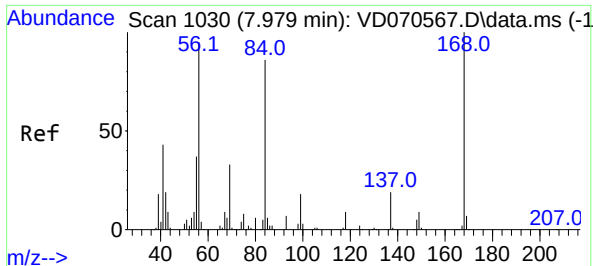
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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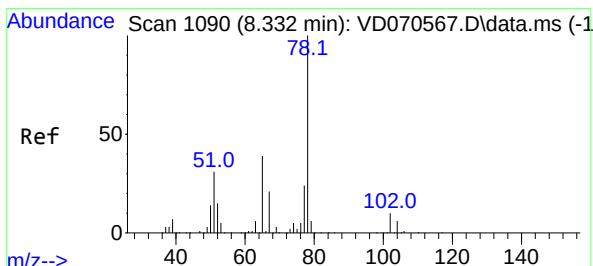
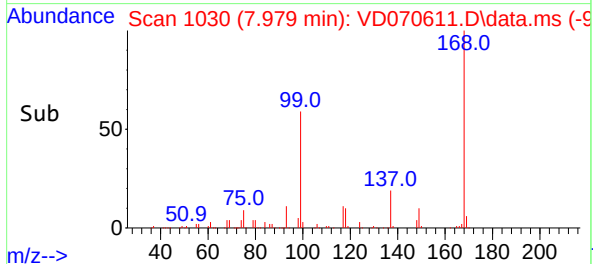
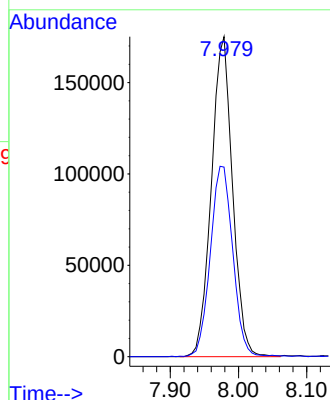
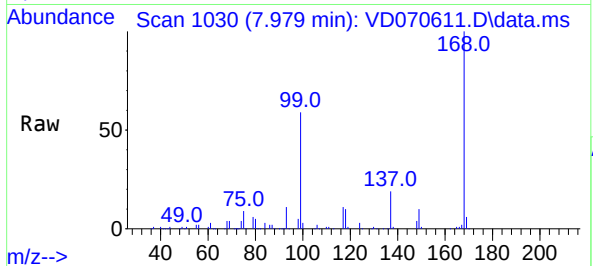




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

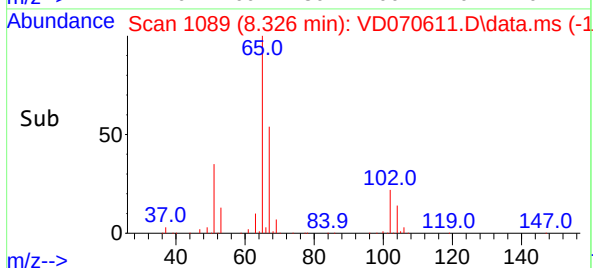
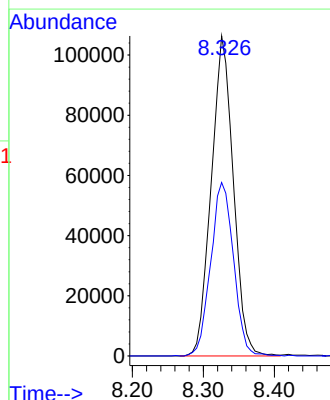
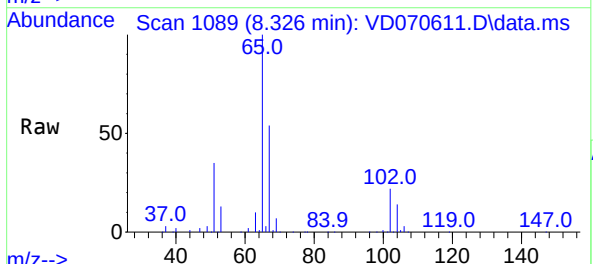
Instrument :
MSVOA_D
ClientSampleId :
S-3

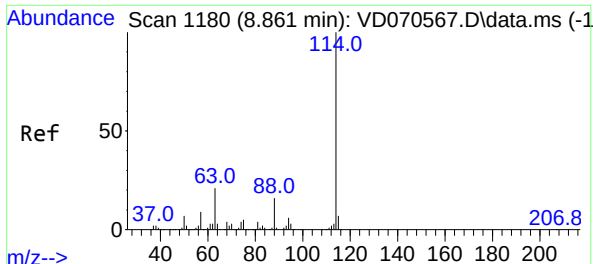
Tgt Ion:168 Resp: 378635
Ion Ratio Lower Upper
168 100
99 59.1 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 51.47 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion: 65 Resp: 229368
Ion Ratio Lower Upper
65 100
67 56.1 0.0 110.2





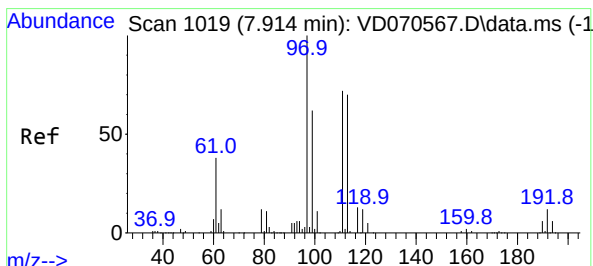
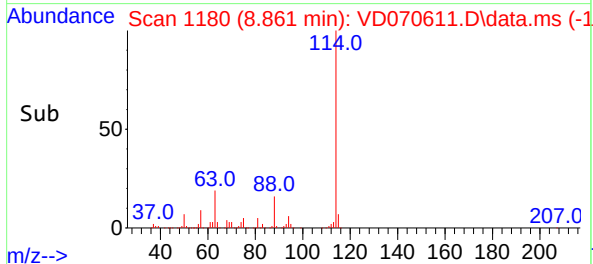
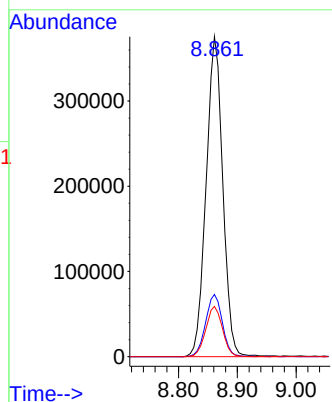
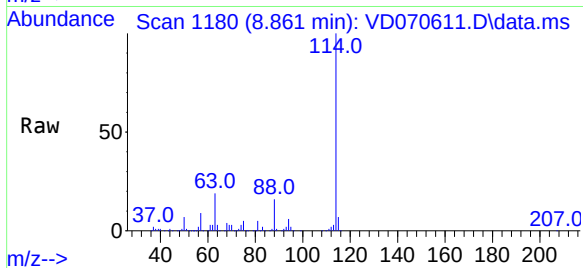
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Instrument :
MSVOA_D
ClientSampled :
S-3

Tgt Ion:114 Resp: 739901

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.8
88	15.7	0.0	32.6

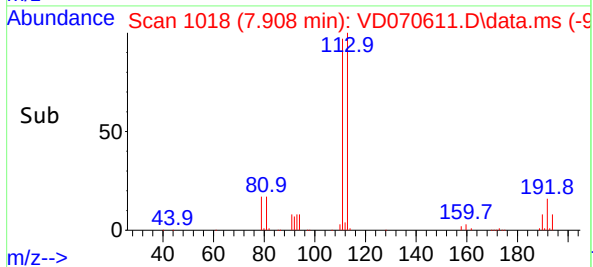
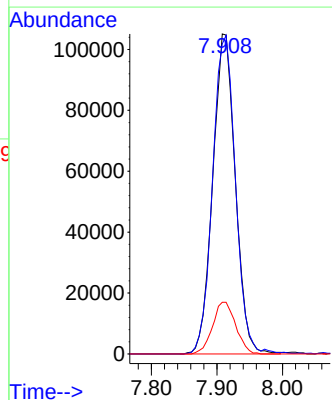
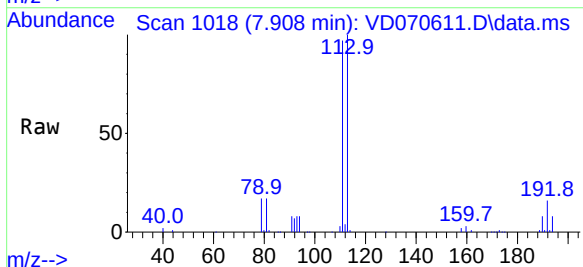


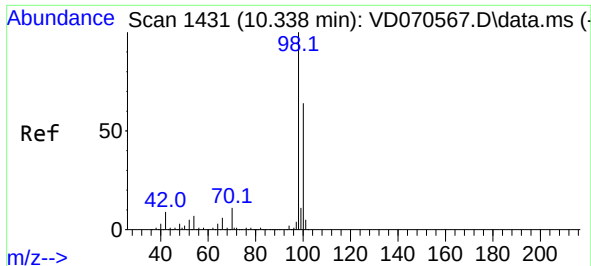
#35

Dibromofluoromethane
Concen: 50.94 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion:113 Resp: 250595

Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.1	124.7
192	16.6	12.7	19.1

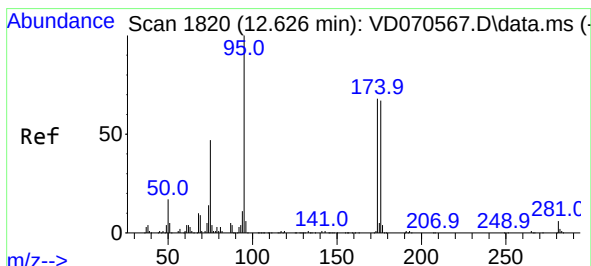
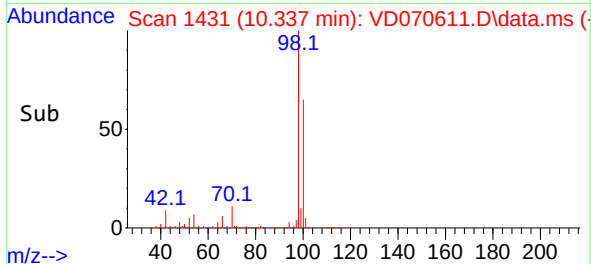
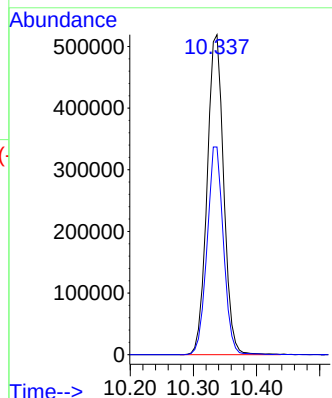
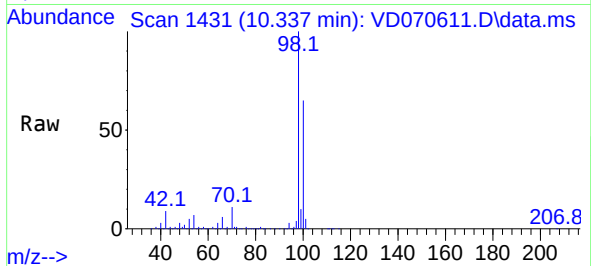




#50
Toluene-d8
Concen: 50.28 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

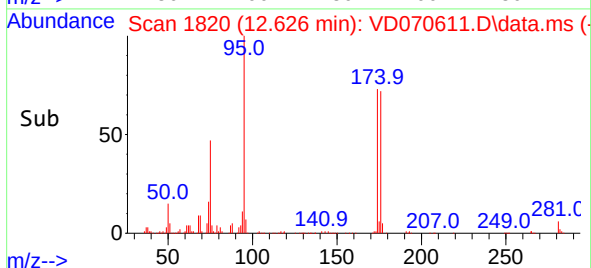
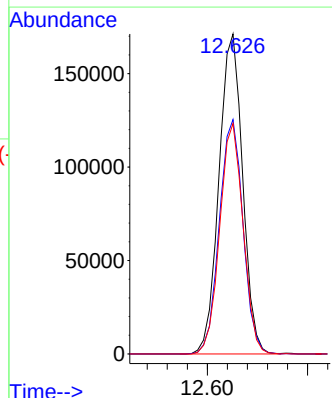
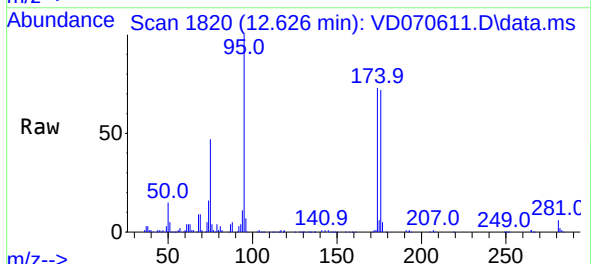
Instrument :
MSVOA_D
ClientSampled :
S-3

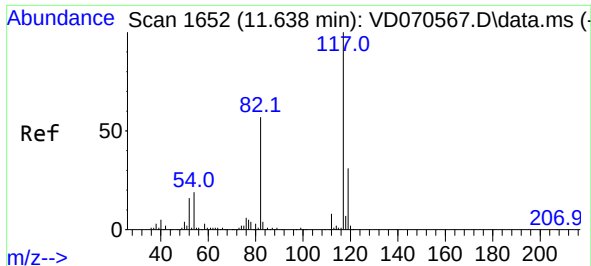
Tgt Ion: 98 Resp: 945525
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.53 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

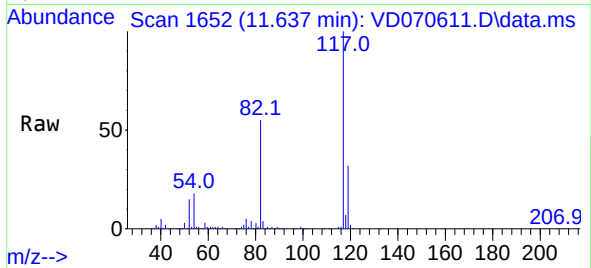
Tgt Ion: 95 Resp: 279892
Ion Ratio Lower Upper
95 100
174 73.3 0.0 138.0
176 71.0 0.0 135.6



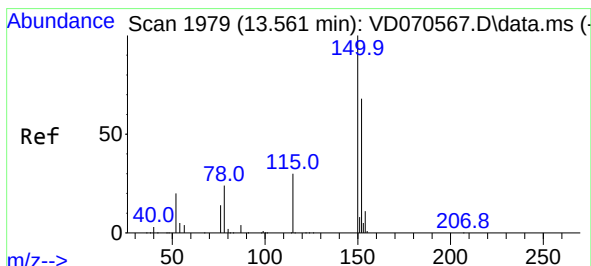
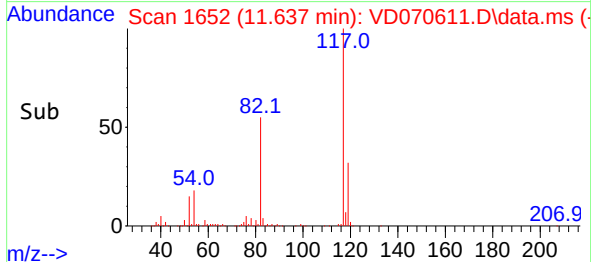
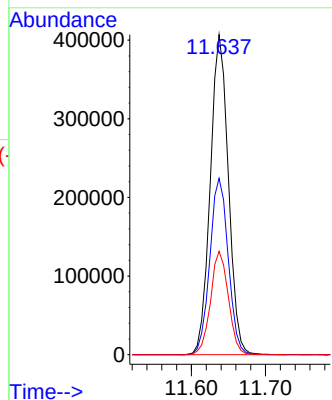


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Instrument :
MSVOA_D
ClientSampled :
S-3



Tgt Ion:117 Resp: 690114
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 32.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070611.D
Acq: 07 Oct 2021 12:28

Tgt Ion:152 Resp: 277767
Ion Ratio Lower Upper
152 100
115 63.2 31.9 95.7
150 158.3 0.0 350.0

