

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070309.D
 Acq On : 10 Sep 2021 19:39
 Operator : VA/SY
 Sample : M3684-10
 Misc : 5.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A017015

Quant Time: Sep 11 02:28:51 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	242114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	597614	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	652272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	251969	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	222036	71.422	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	142.840%
35) Dibromofluoromethane	7.914	113	234258	55.069	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.140%
50) Toluene-d8	10.338	98	830152	53.749	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.500%
62) 4-Bromofluorobenzene	12.626	95	277518	51.413	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.820%

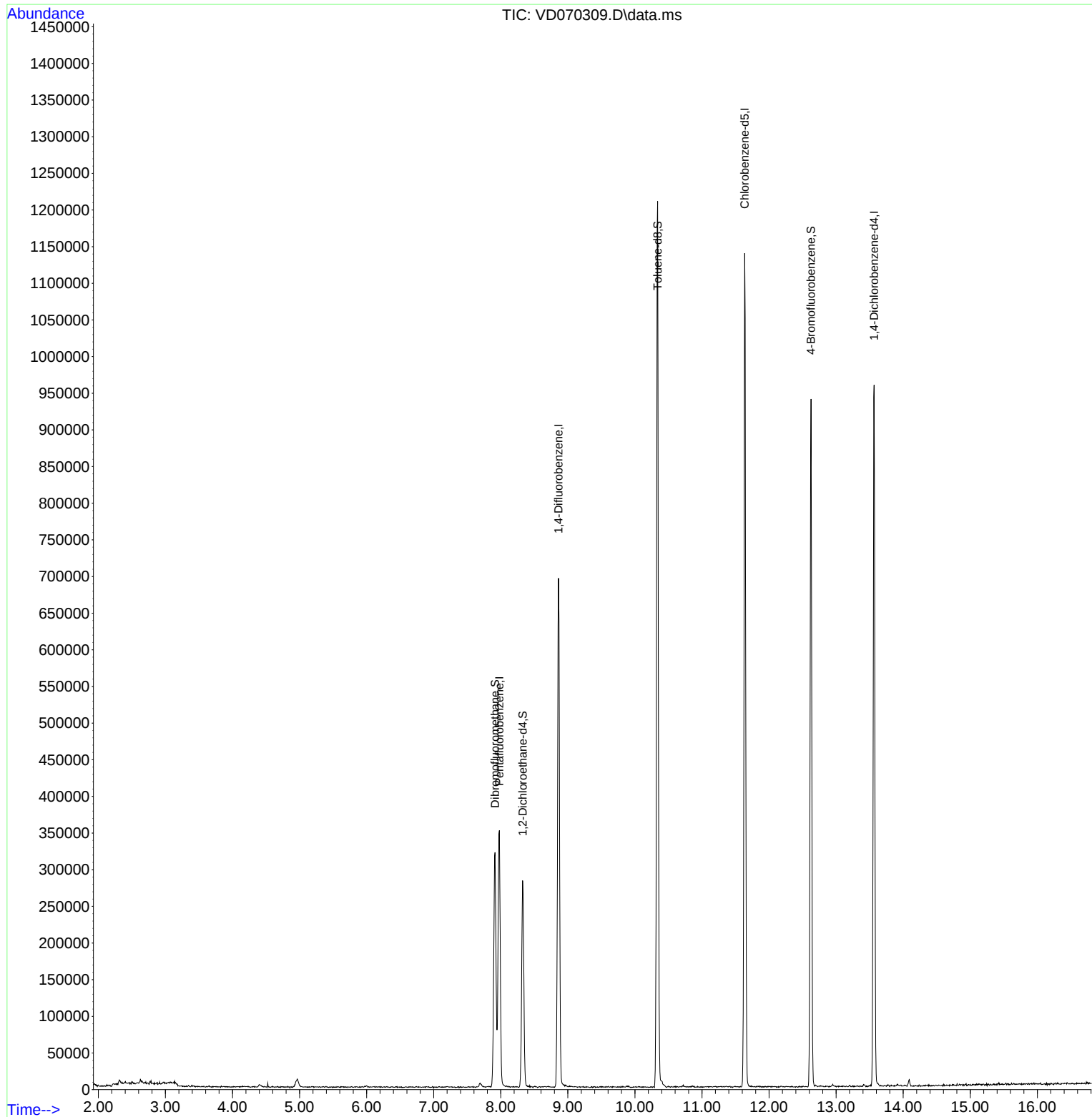
Target Compounds	Qvalue

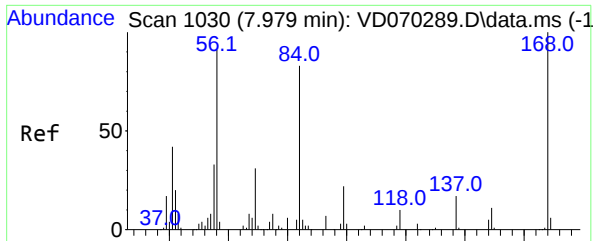
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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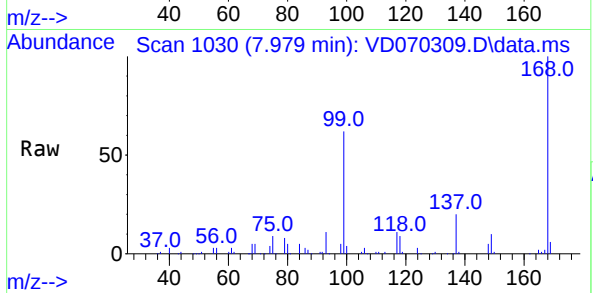
Quant Time: Sep 11 02:28:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
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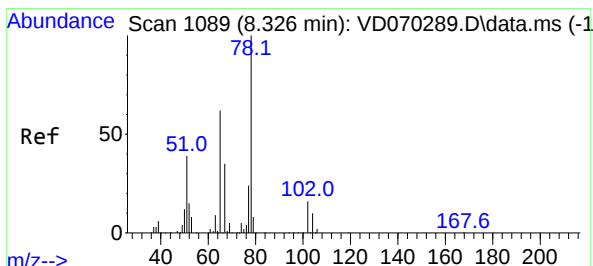
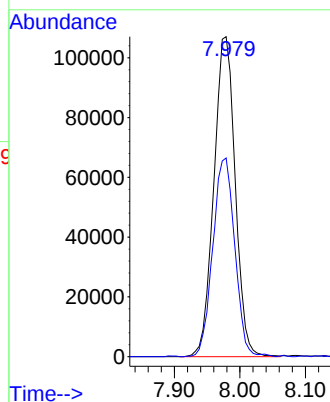
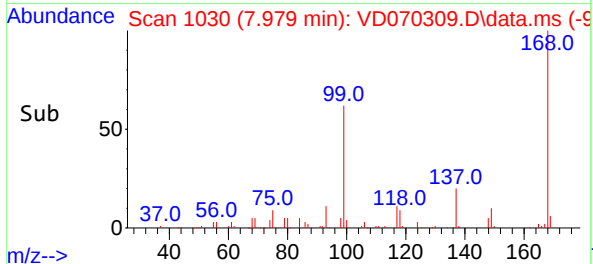


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

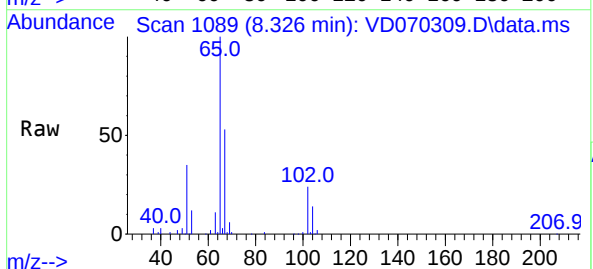
Instrument :
MSVOA_D
ClientSampleId :
A017015



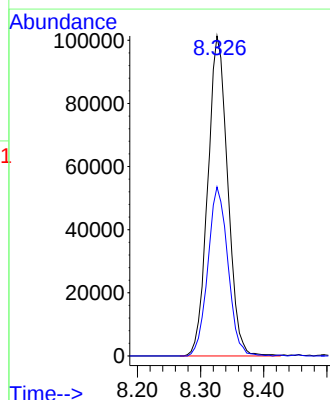
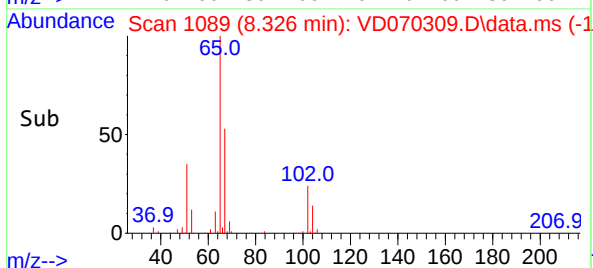
Tgt Ion:168 Resp: 242114
Ion Ratio Lower Upper
168 100
99 62.1 50.8 76.2

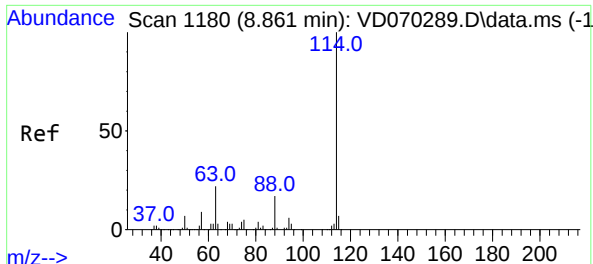


#33
1,2-Dichloroethane-d4
Concen: 71.422 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39



Tgt Ion: 65 Resp: 222036
Ion Ratio Lower Upper
65 100
67 53.1 0.0 111.4



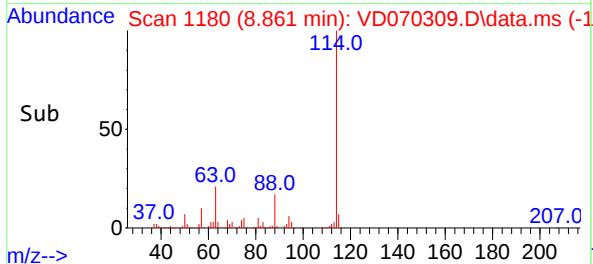
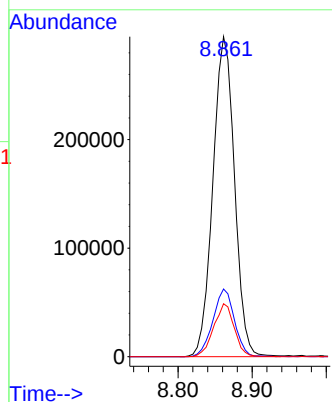
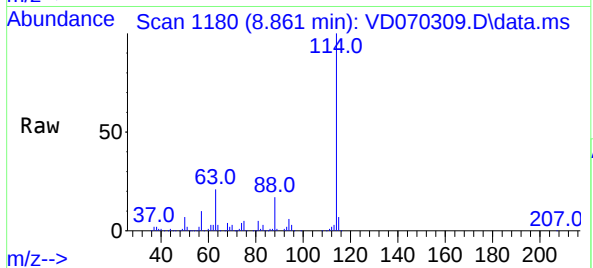


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Instrument :
MSVOA_D
ClientSampleId :
A017015

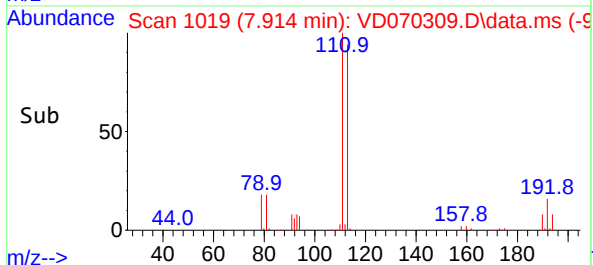
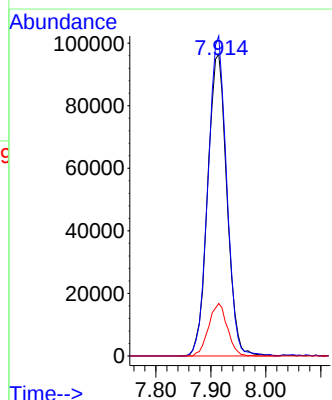
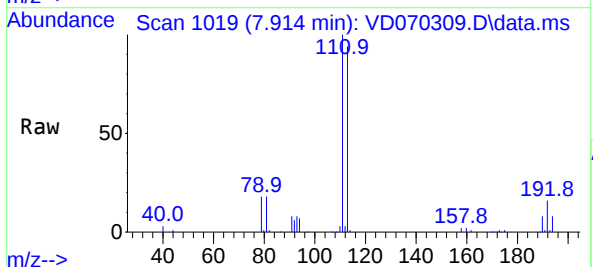
Tgt Ion:114 Resp: 597614
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.4
88 16.5 0.0 33.4

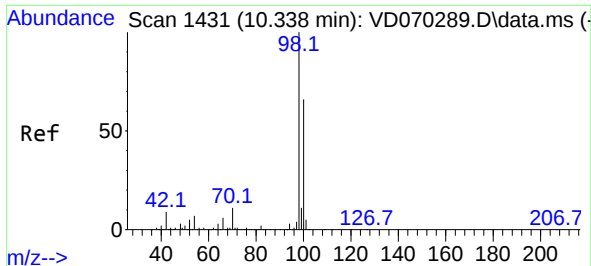


#35

Dibromofluoromethane
Concen: 55.069 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion:113 Resp: 234258
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.2
192 16.9 13.0 19.6

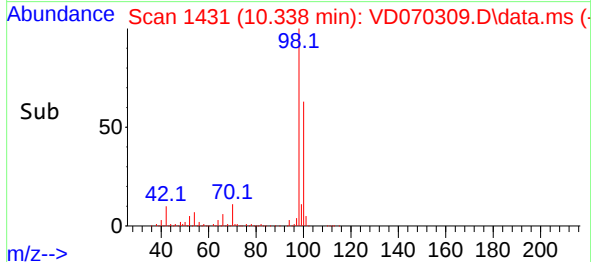
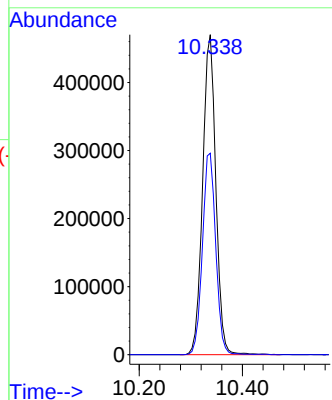
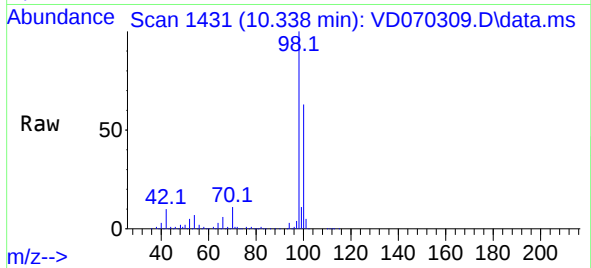




#50
Toluene-d8
Concen: 53.749 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

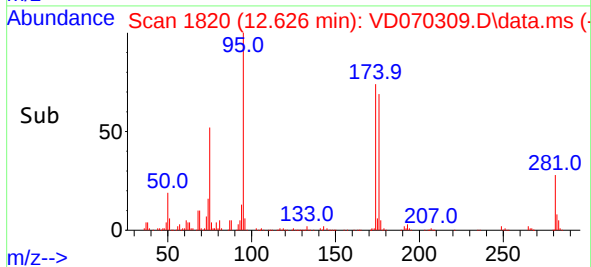
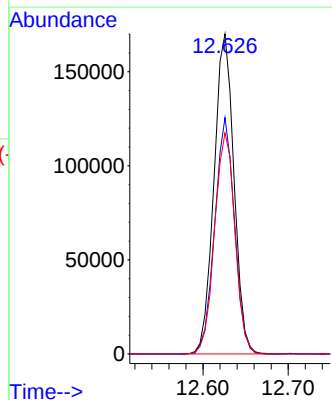
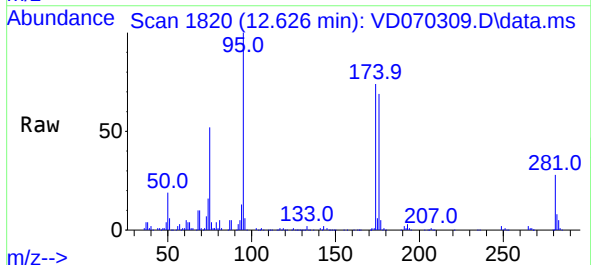
Instrument :
MSVOA_D
ClientSampleId :
A017015

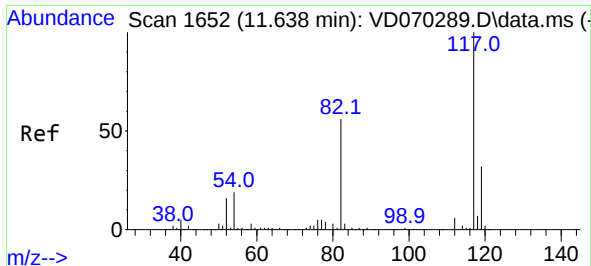
Tgt Ion: 98 Resp: 830152
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.413 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion: 95 Resp: 277518
Ion Ratio Lower Upper
95 100
174 73.2 0.0 140.6
176 70.1 0.0 137.4

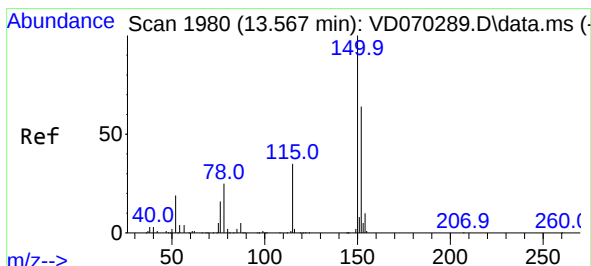
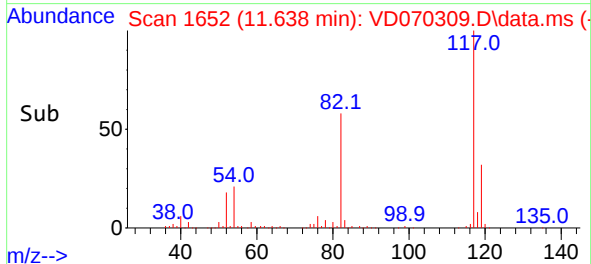
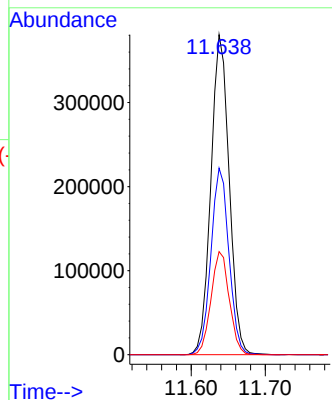
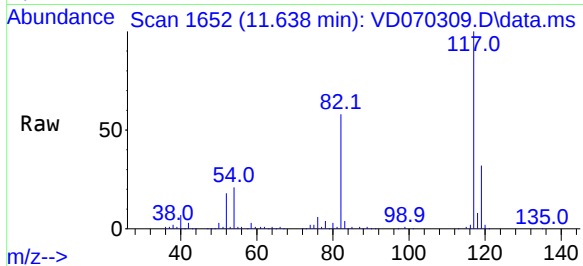




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070309.D
Acq: 10 Sep 2021 19:39

Instrument :
MSVOA_D
ClientSampled :
A017015

Tgt Ion:	117	Resp:	652272
Ion	Ratio	Lower	Upper
117	100		
82	58.3	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: VD070309.D
Acq: 10 Sep 2021 19:39

Tgt Ion:	152	Resp:	251969
Ion	Ratio	Lower	Upper
152	100		
115	63.6	32.1	96.3
150	160.2	0.0	350.6

