

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070306.D
 Acq On : 10 Sep 2021 18:13
 Operator : VA/SY
 Sample : M3684-07
 Misc : 6.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A019015

Quant Time: Sep 11 02:27:54 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	244346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	588139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	616515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	197322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	229828	73.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.500%
35) Dibromofluoromethane	7.914	113	235212	56.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.360%
50) Toluene-d8	10.338	98	808347	53.181	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.360%
62) 4-Bromofluorobenzene	12.626	95	236263	44.476	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.960%

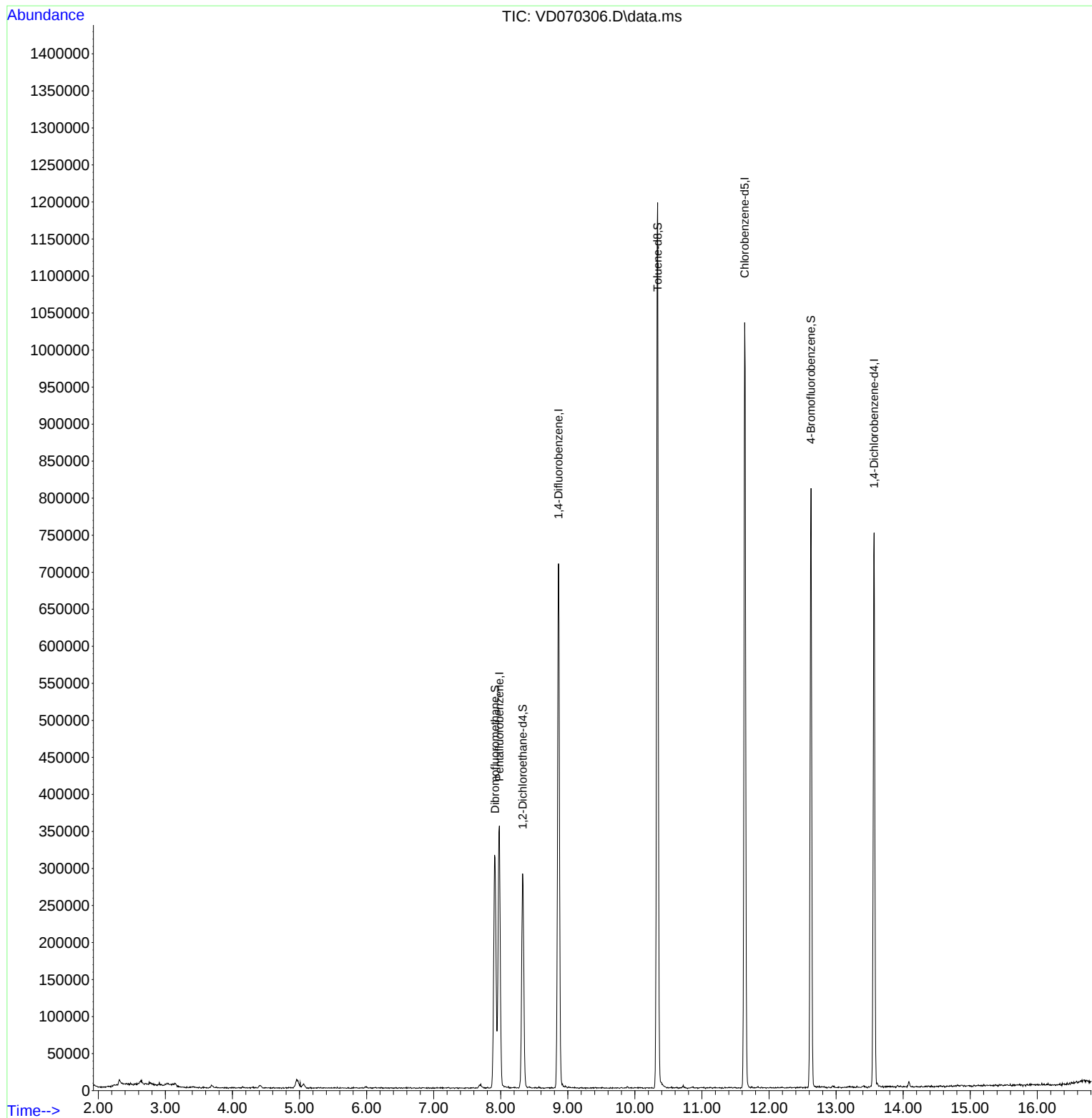
Target Compounds	Qvalue

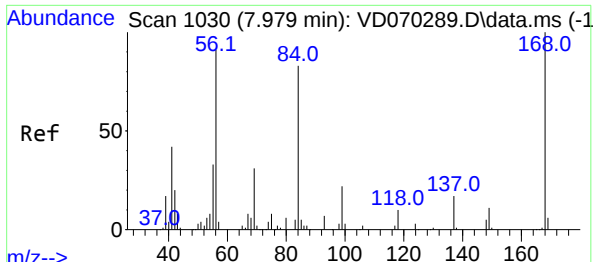
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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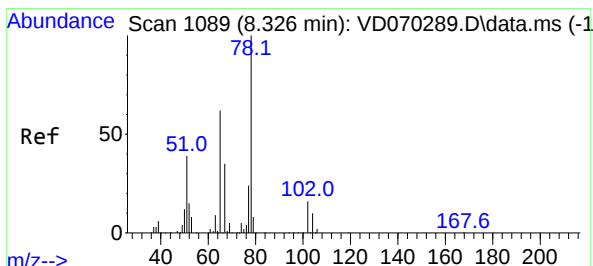
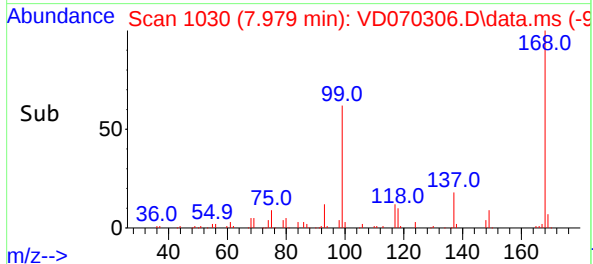
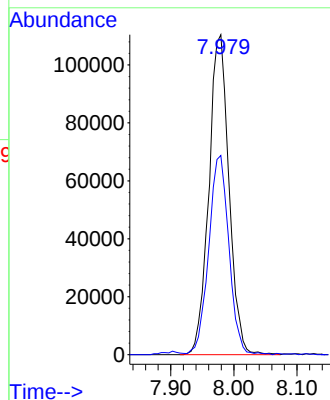
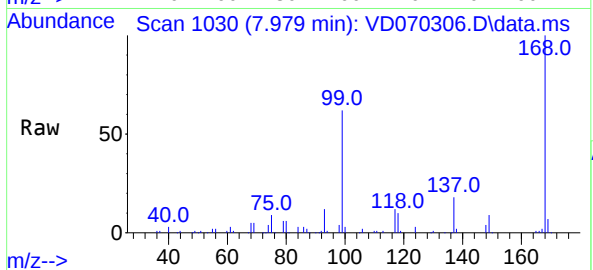




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

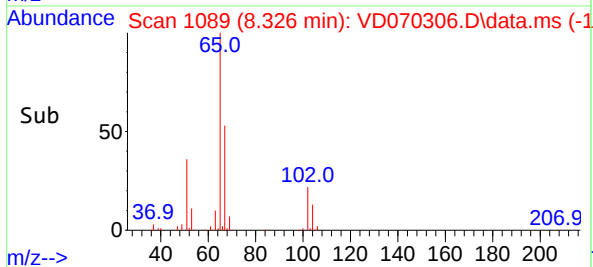
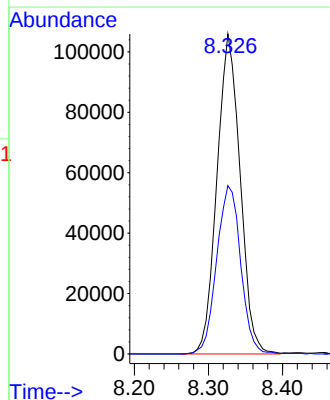
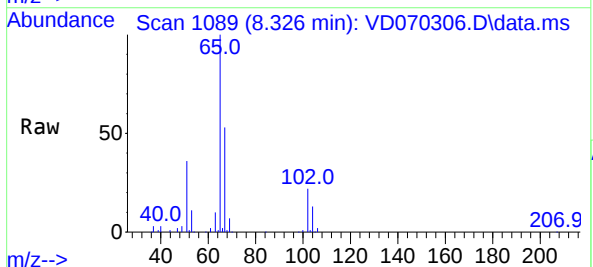
Instrument :
MSVOA_D
ClientSampled :
A019015

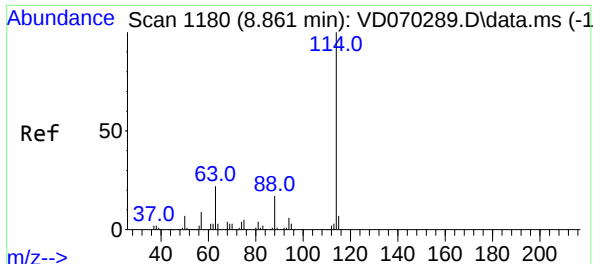
Tgt Ion:168 Resp: 244346
Ion Ratio Lower Upper
168 100
99 62.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 73.253 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion: 65 Resp: 229828
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.4



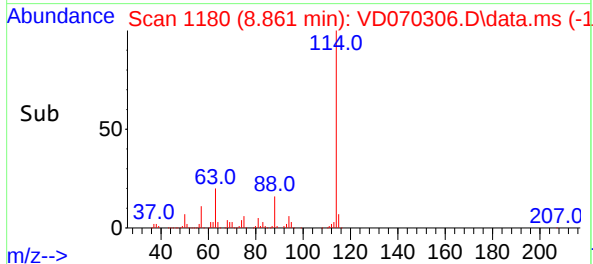
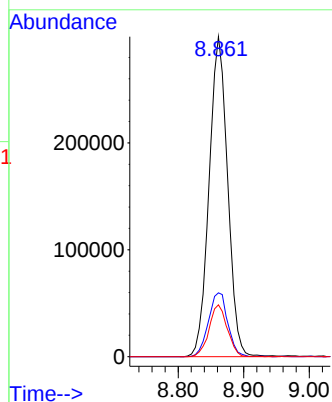
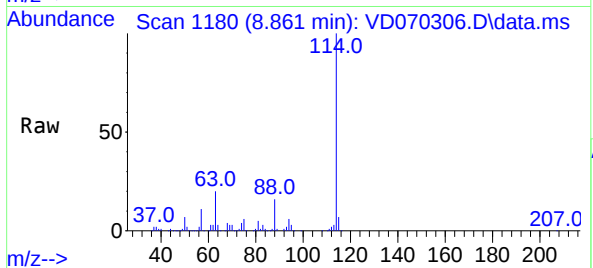


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Instrument :
MSVOA_D
ClientSampleId :
A019015

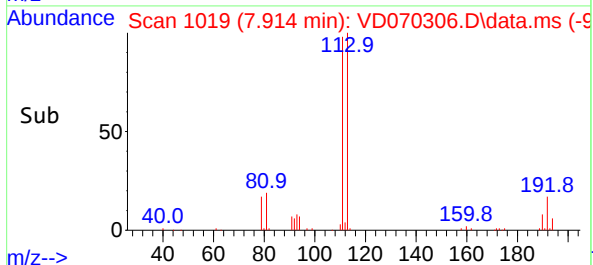
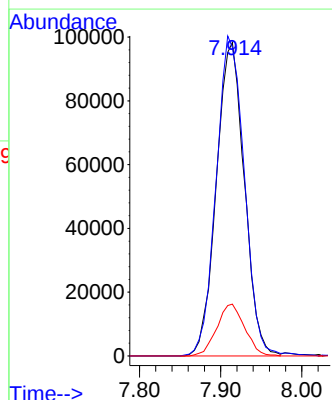
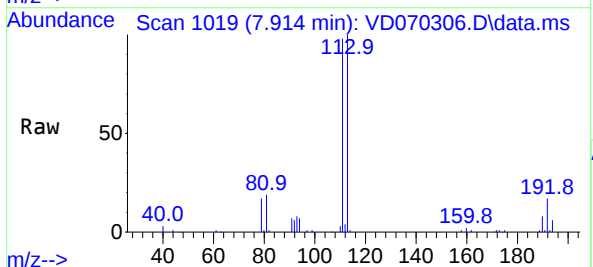
Tgt Ion:114 Resp: 588139
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.4
88 16.2 0.0 33.4

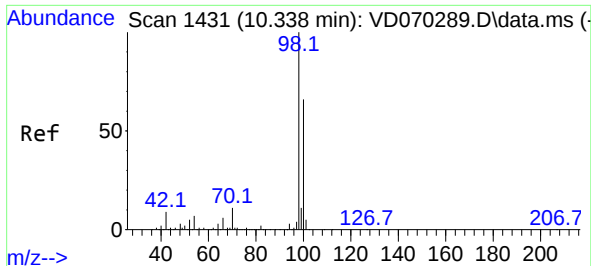


#35

Dibromofluoromethane
Concen: 56.184 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion:113 Resp: 235212
Ion Ratio Lower Upper
113 100
111 103.0 81.4 122.2
192 16.5 13.0 19.6

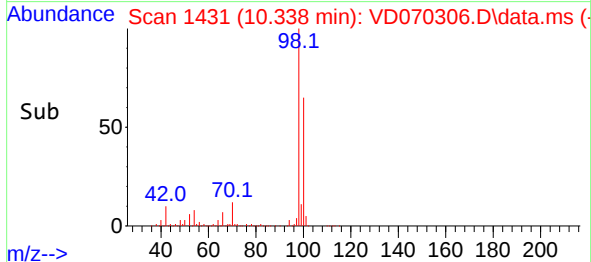
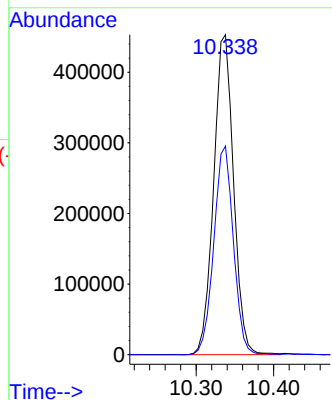
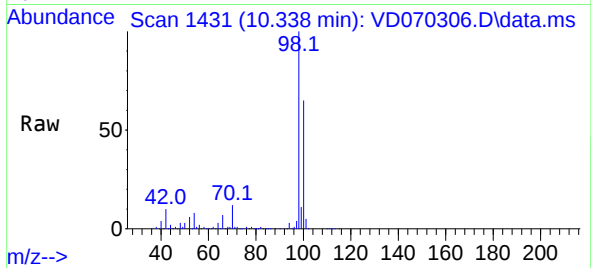




#50
Toluene-d8
Concen: 53.181 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

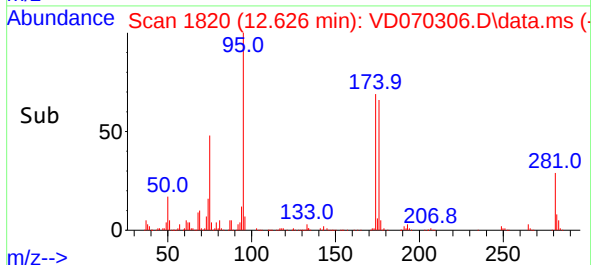
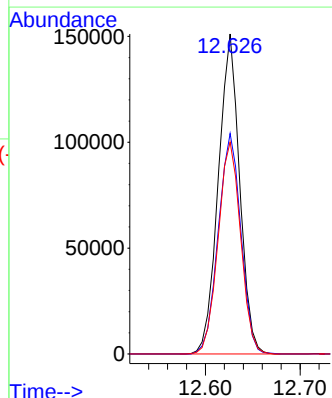
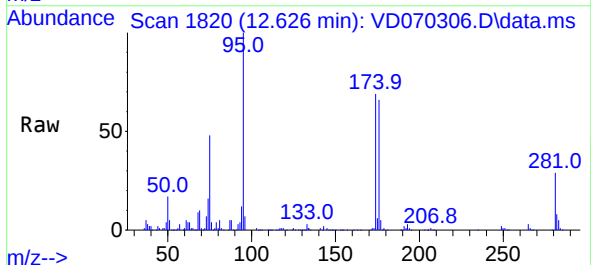
Instrument :
MSVOA_D
ClientSampleId :
A019015

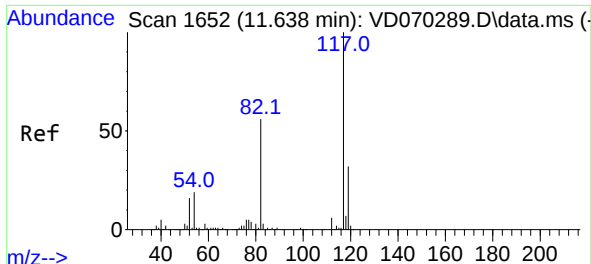
Tgt Ion: 98 Resp: 808347
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.476 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion: 95 Resp: 236263
Ion Ratio Lower Upper
95 100
174 73.0 0.0 140.6
176 69.8 0.0 137.4

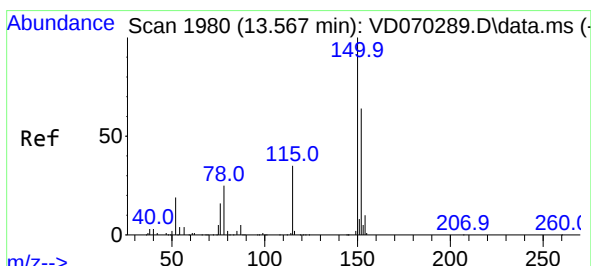
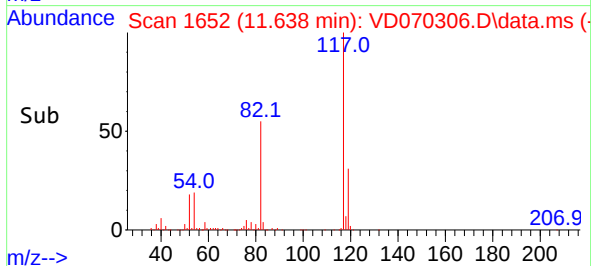
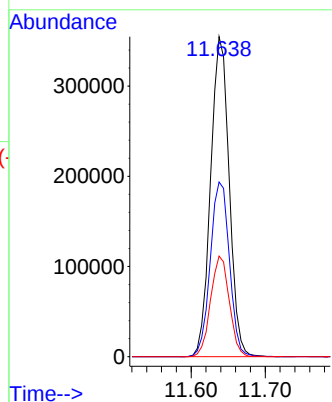
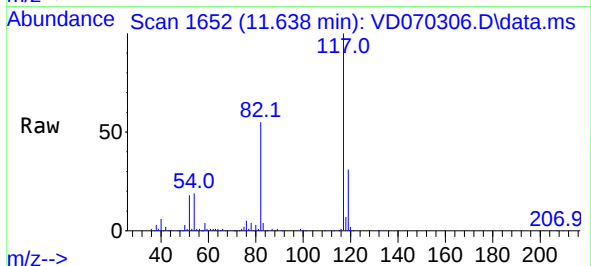




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070306.D
Acq: 10 Sep 2021 18:13

Instrument :
MSVOA_D
ClientSampled :
A019015

Tgt Ion:	117	Resp:	616515
Ion	Ratio	Lower	Upper
117	100		
82	54.6	45.0	67.4
119	31.5	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: VD070306.D
Acq: 10 Sep 2021 18:13

Tgt Ion:	152	Resp:	197322
Ion	Ratio	Lower	Upper
152	100		
115	61.0	32.1	96.3
150	158.3	0.0	350.6

