

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092821\
 Data File : VD070499.D
 Acq On : 28 Sep 2021 13:38
 Operator : VA/SY
 Sample : M3941-03
 Misc : 4.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124042

Quant Time: Sep 28 23:42:03 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	277261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	614405	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	672130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	293855	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	187140	52.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.140%
35) Dibromofluoromethane	7.908	113	221135	50.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.120%
50) Toluene-d8	10.338	98	811169	51.085	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.160%
62) 4-Bromofluorobenzene	12.626	95	291114	52.458	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.920%

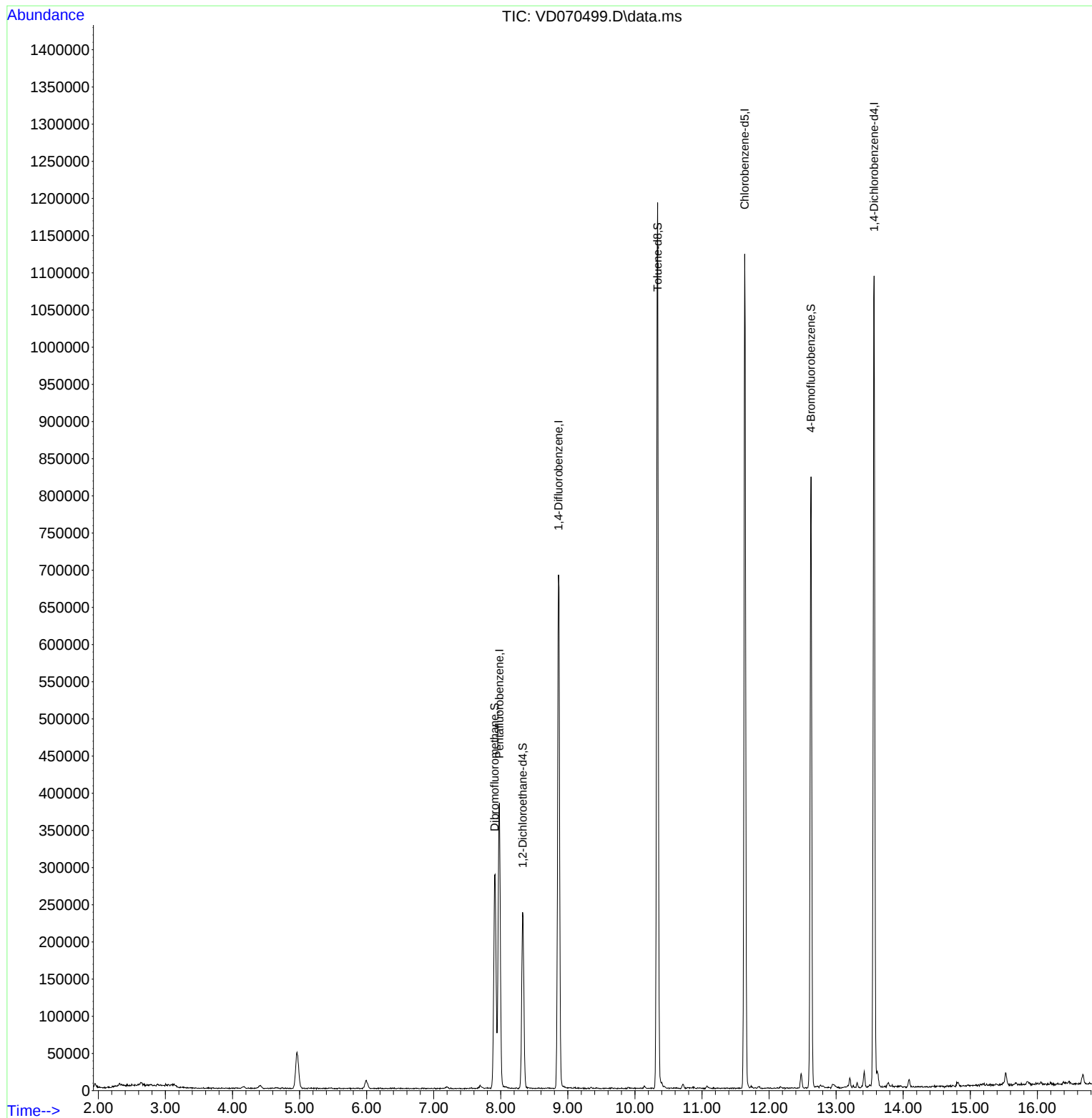
Target Compounds	Qvalue

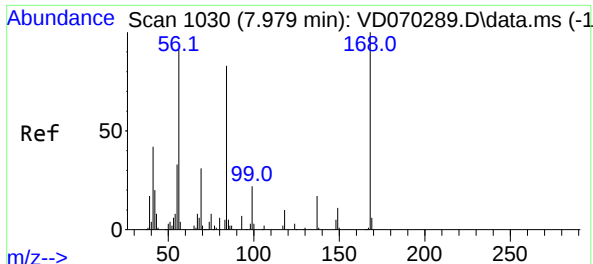
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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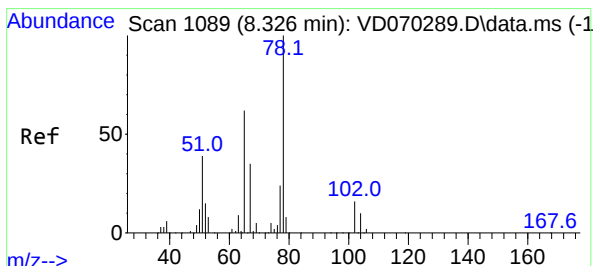
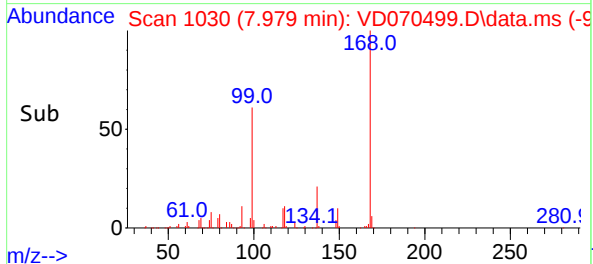
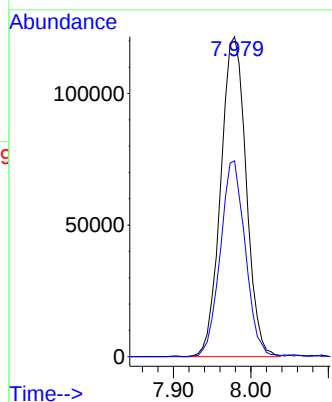
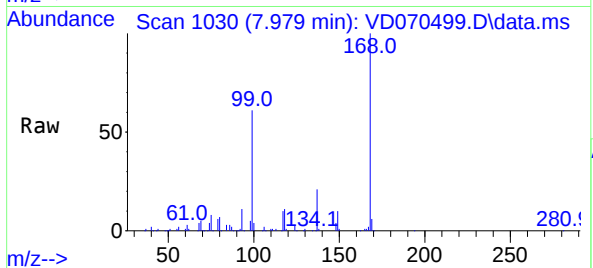




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070499.D
Acq: 28 Sep 2021 13:38

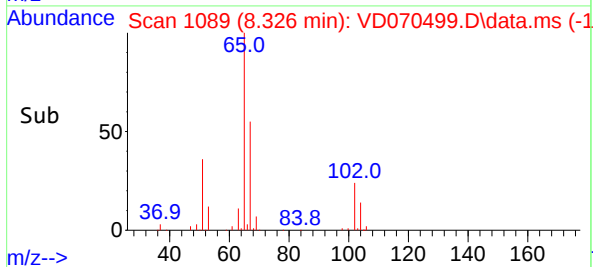
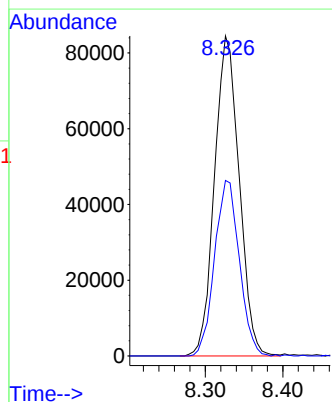
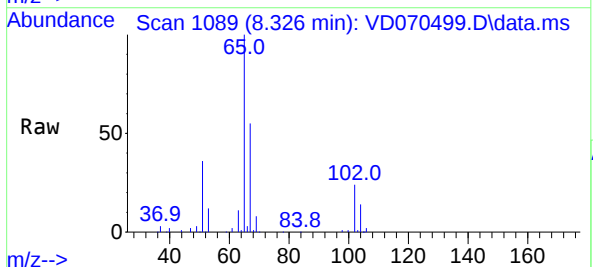
Instrument :
MSVOA_D
ClientSampleId :
124042

Tgt Ion:168 Resp: 277261
Ion Ratio Lower Upper
168 100
99 61.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 52.566 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070499.D
Acq: 28 Sep 2021 13:38

Tgt Ion: 65 Resp: 187140
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.4



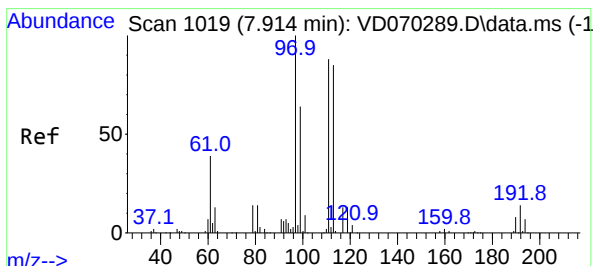
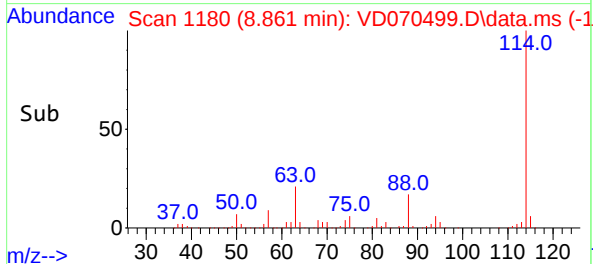
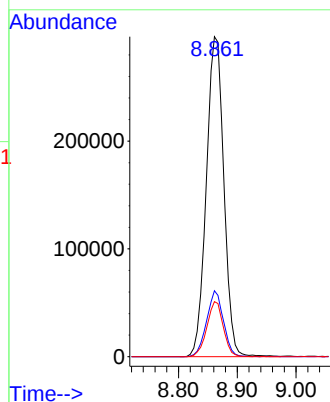
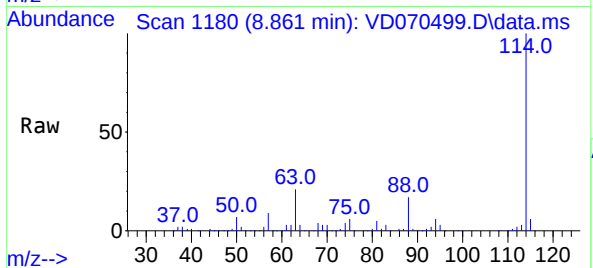


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070499.D
Acq: 28 Sep 2021 13:38

Instrument :
MSVOA_D
ClientSampleId :
124042

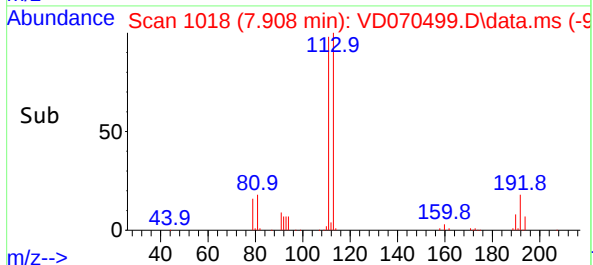
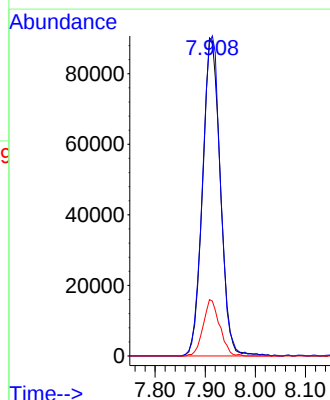
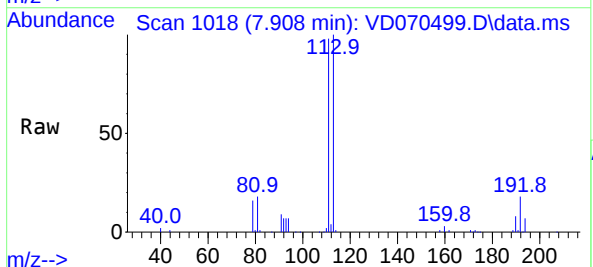
Tgt Ion:114 Resp: 614405
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.4
88 17.2 0.0 33.4

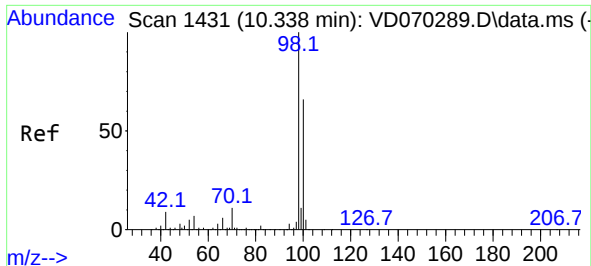


#35

Dibromofluoromethane
Concen: 50.563 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070499.D
Acq: 28 Sep 2021 13:38

Tgt Ion:113 Resp: 221135
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.2
192 16.5 13.0 19.6

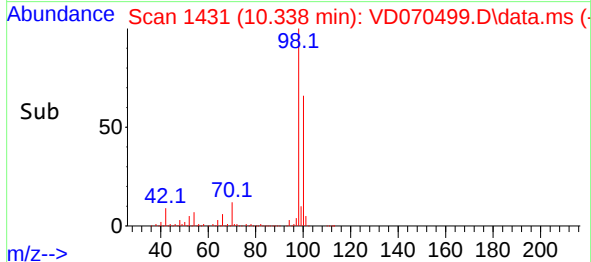
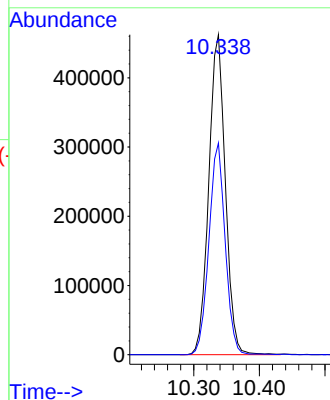
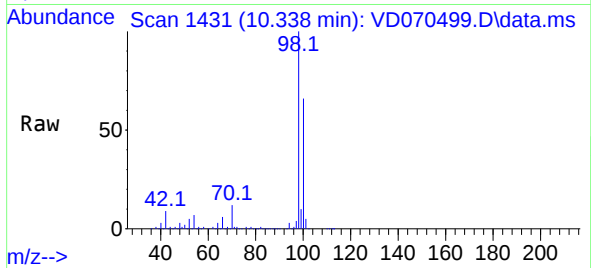




#50
Toluene-d8
Concen: 51.085 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070499.D
Acq: 28 Sep 2021 13:38

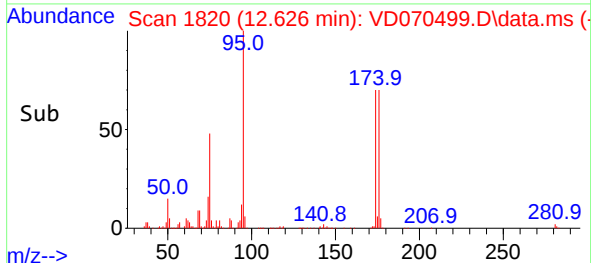
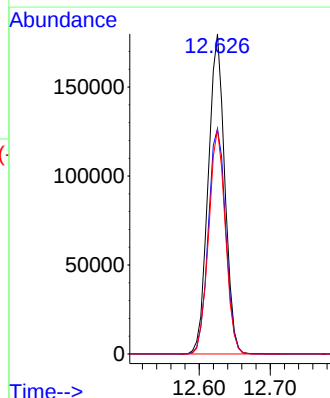
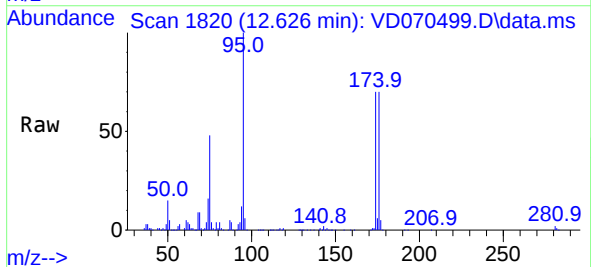
Instrument :
MSVOA_D
ClientSampleId :
124042

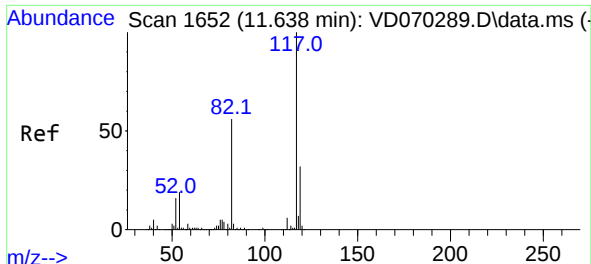
Tgt Ion: 98 Resp: 811169
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.458 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070499.D
Acq: 28 Sep 2021 13:38

Tgt Ion: 95 Resp: 291114
Ion Ratio Lower Upper
95 100
174 73.9 0.0 140.6
176 70.4 0.0 137.4

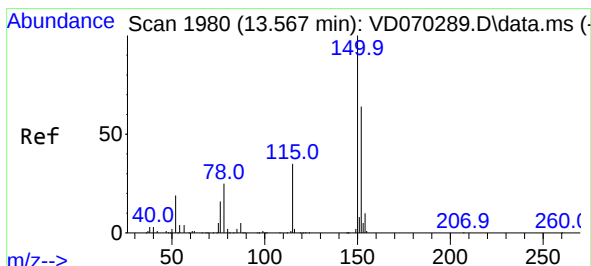
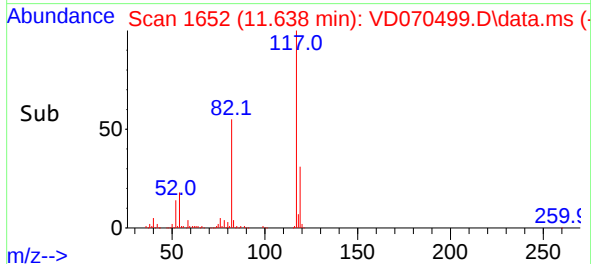
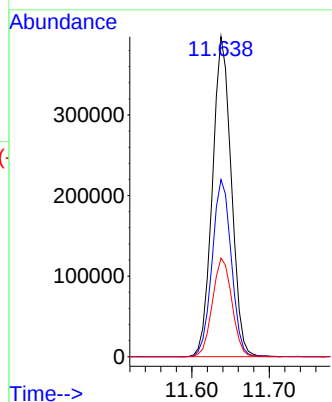
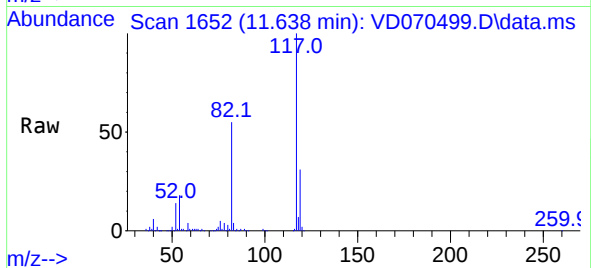




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070499.D
Acq: 28 Sep 2021 13:38

Instrument :
MSVOA_D
ClientSampled :
124042

Tgt Ion:	117	Resp:	672130
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.0	67.4
119	30.8	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: VD070499.D
Acq: 28 Sep 2021 13:38

Tgt Ion:	152	Resp:	293855
Ion	Ratio	Lower	Upper
152	100		
115	62.2	32.1	96.3
150	158.5	0.0	350.6

