

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070363.D
 Acq On : 14 Sep 2021 19:55
 Operator : VA/SY
 Sample : M3687-34
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A012145

Quant Time: Sep 15 02:48:23 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	331128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	624120	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	793964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	392223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197084	46.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.700%
35) Dibromofluoromethane	7.914	113	223286	50.261	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.520%
50) Toluene-d8	10.338	98	852807	52.871	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.740%
62) 4-Bromofluorobenzene	12.626	95	384235	68.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	136.320%

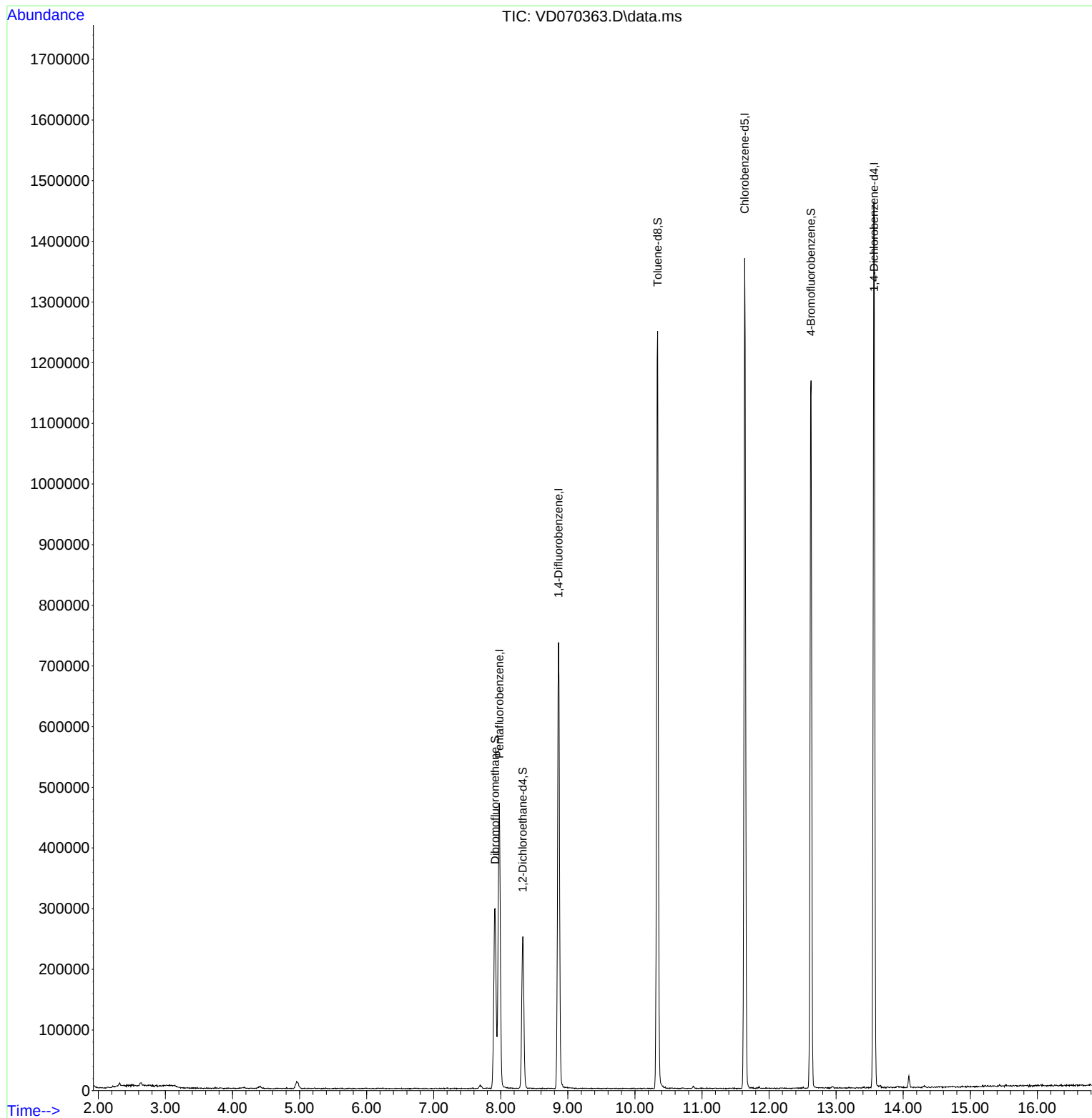
Target Compounds	Qvalue

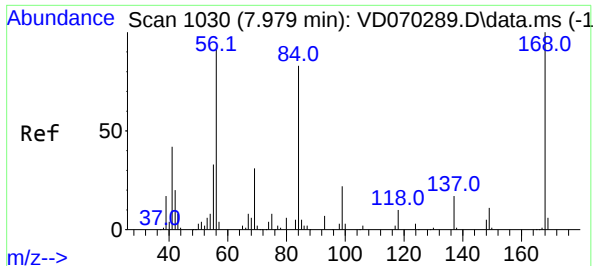
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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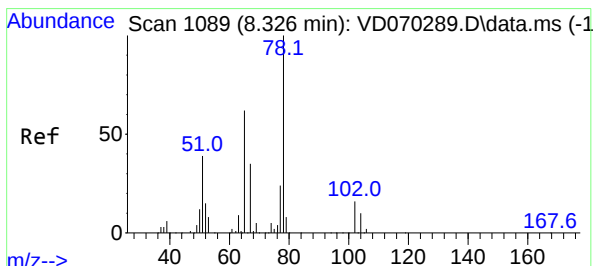
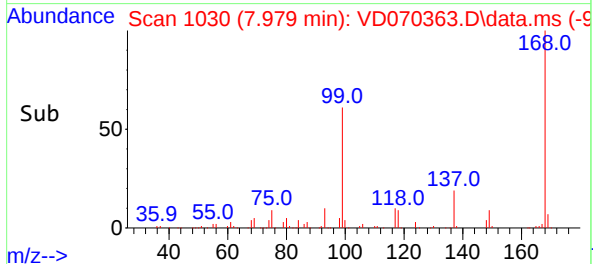
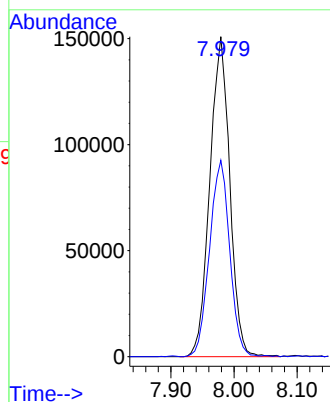
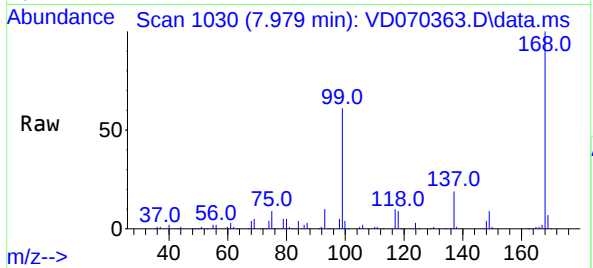




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

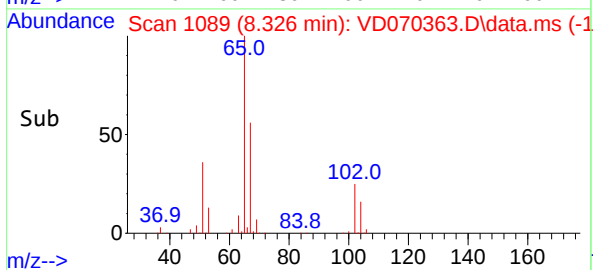
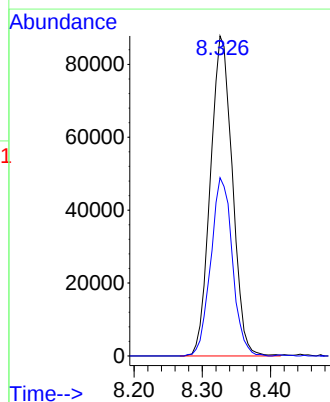
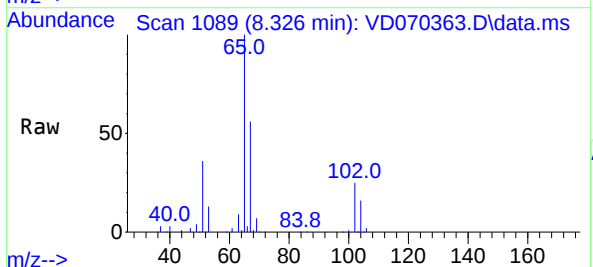
Instrument :
MSVOA_D
ClientSampleID :
A012145

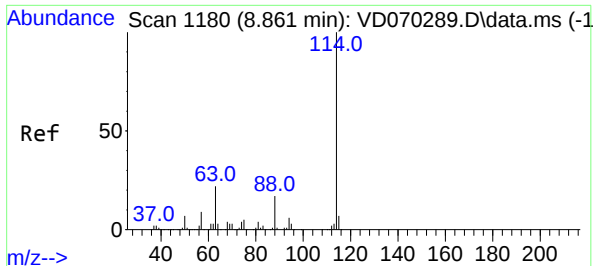
Tgt Ion:168 Resp: 331128
Ion Ratio Lower Upper
168 100
99 61.3 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 46.354 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion: 65 Resp: 197084
Ion Ratio Lower Upper
65 100
67 54.8 0.0 111.4



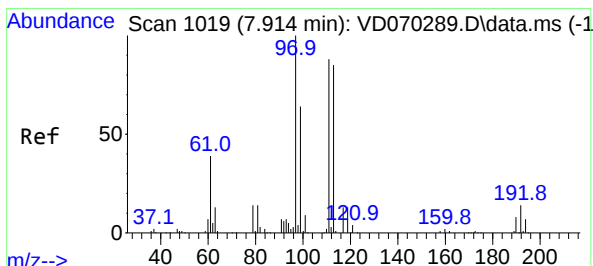
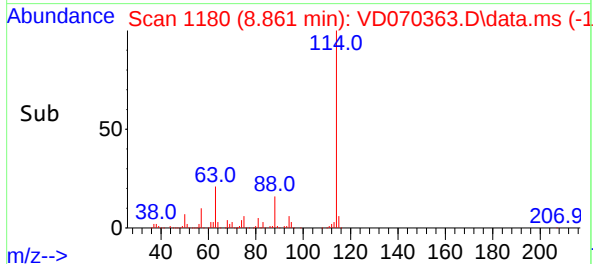
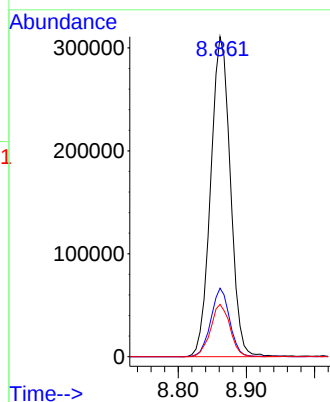
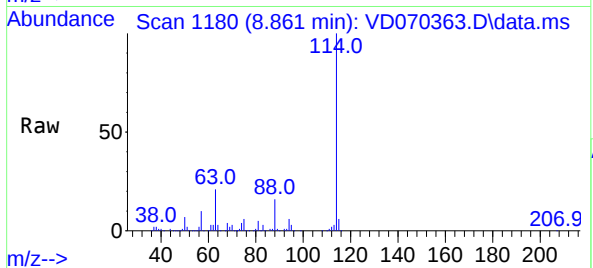


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Instrument :
MSVOA_D
ClientSampleId :
A012145

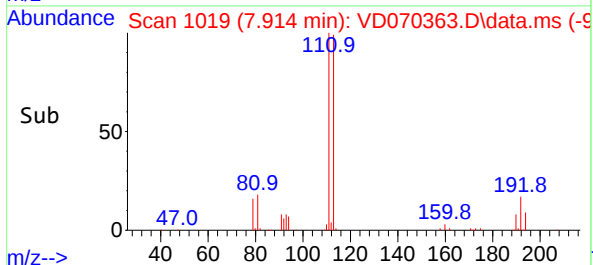
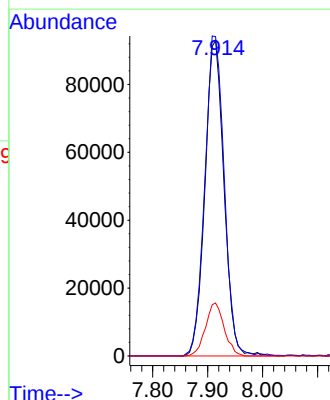
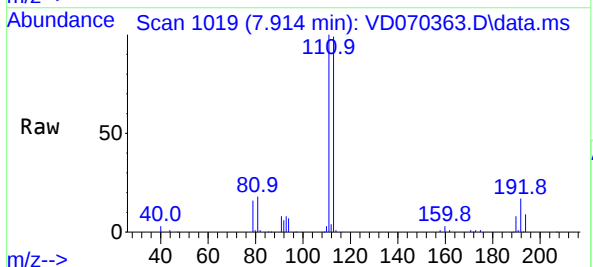
Tgt Ion:	114	Resp:	624120
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	16.4	0.0	33.4

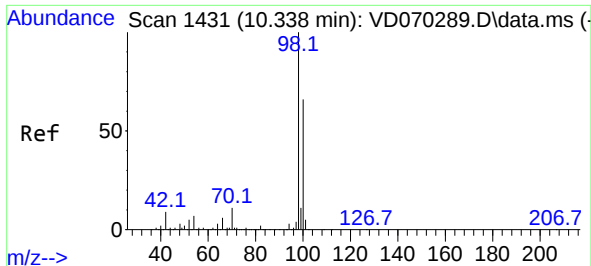


#35

Dibromofluoromethane
Concen: 50.261 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion:	113	Resp:	223286
Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.2
192	16.5	13.0	19.6

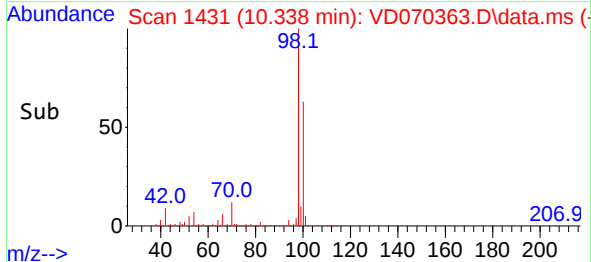
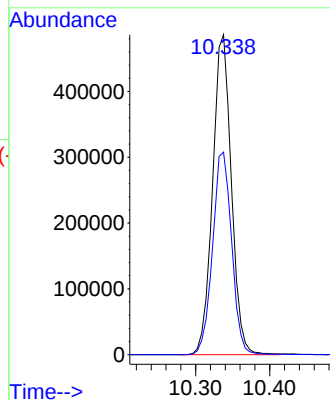
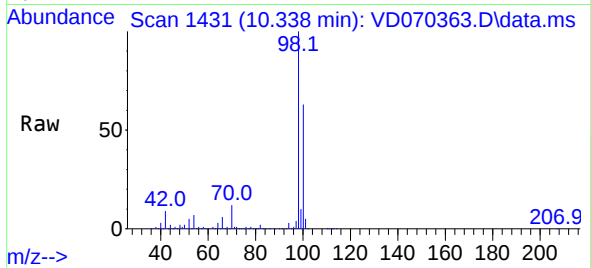




#50
Toluene-d8
Concen: 52.871 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

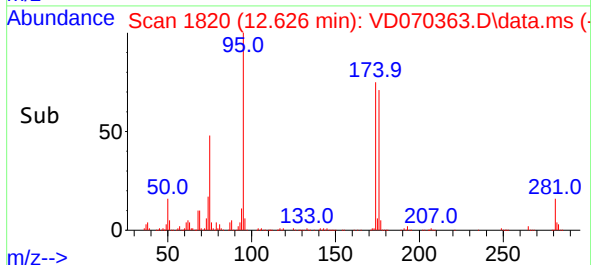
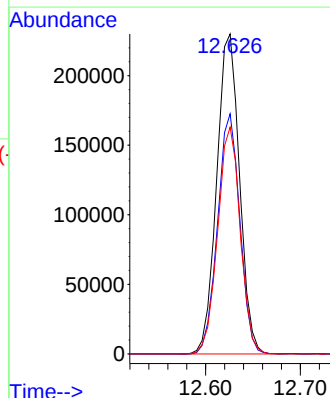
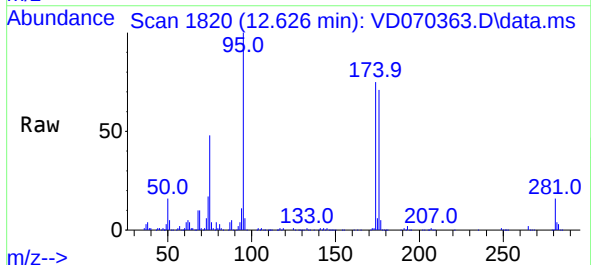
Instrument :
MSVOA_D
ClientSampleId :
A012145

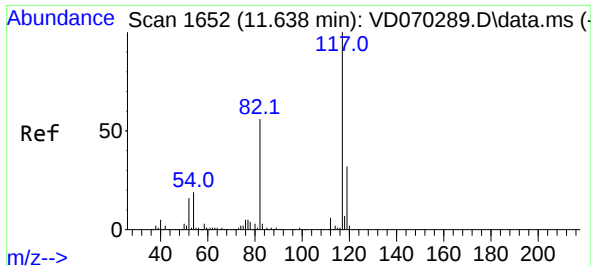
Tgt Ion: 98 Resp: 852807
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 68.161 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion: 95 Resp: 384235
Ion Ratio Lower Upper
95 100
174 73.4 0.0 140.6
176 70.0 0.0 137.4

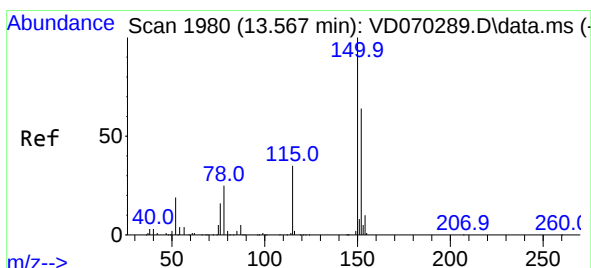
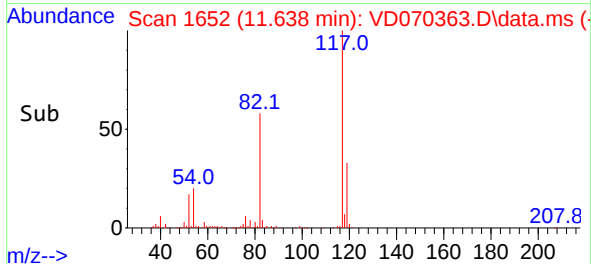
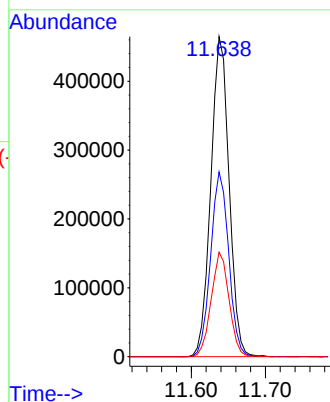
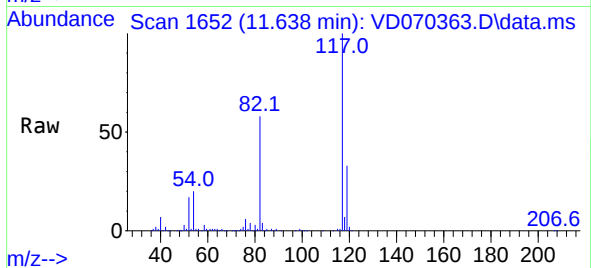




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070363.D
Acq: 14 Sep 2021 19:55

Instrument :
MSVOA_D
ClientSampleId :
A012145

Tgt Ion:	117	Resp:	793964
Ion	Ratio	Lower	Upper
117	100		
82	57.8	45.0	67.4
119	32.7	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: VD070363.D
Acq: 14 Sep 2021 19:55

Tgt Ion:	152	Resp:	392223
Ion	Ratio	Lower	Upper
152	100		
115	63.2	32.1	96.3
150	157.0	0.0	350.6

