

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091421\
 Data File : VD070343.D
 Acq On : 14 Sep 2021 10:22
 Operator : VA/SY
 Sample : VD0914SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0914SBL01

Quant Time: Sep 15 02:44:25 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	327480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	674261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	828796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	386011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	213739	50.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.660%
35) Dibromofluoromethane	7.908	113	236021	49.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.360%
50) Toluene-d8	10.338	98	911341	52.299	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.626	95	389750	63.998	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	128.000%

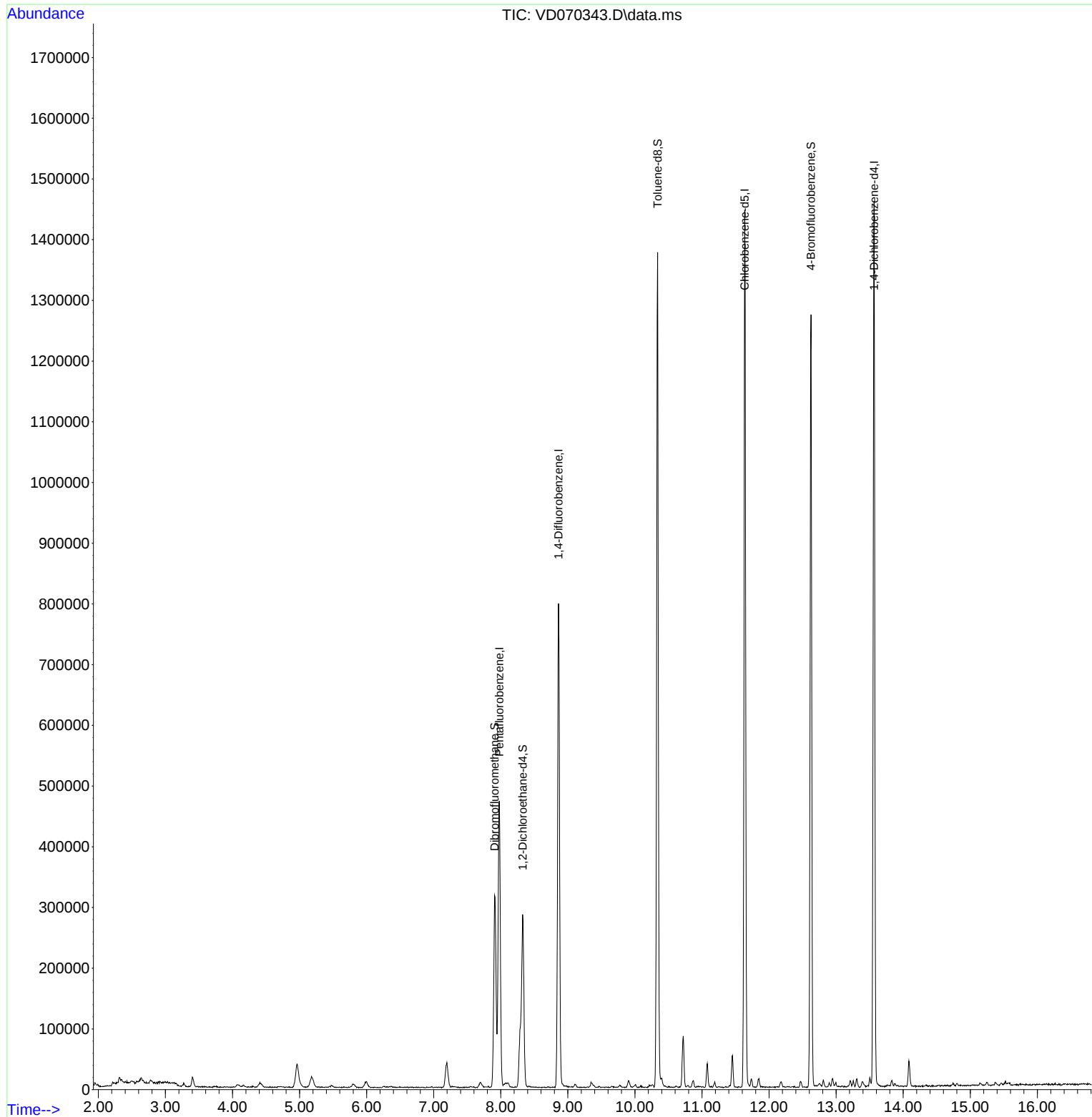
Target Compounds	Qvalue

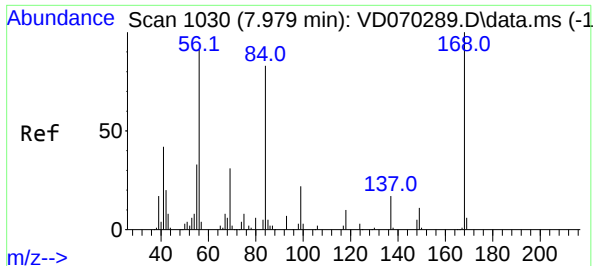
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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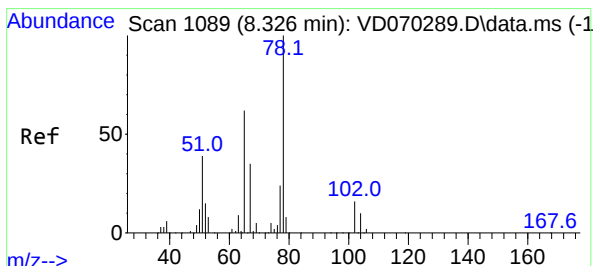
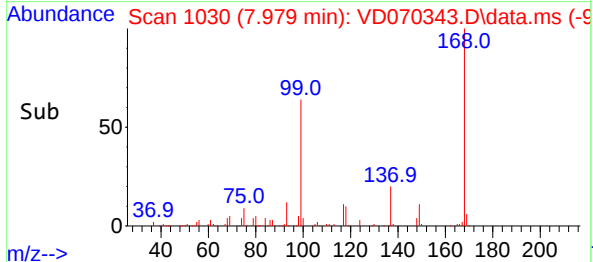
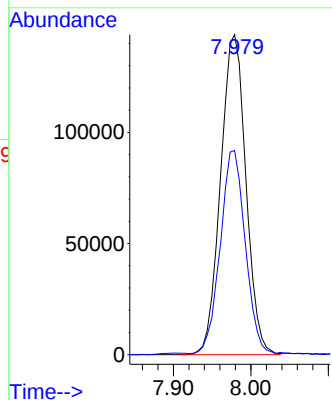
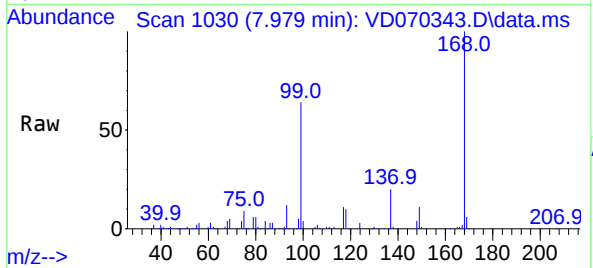




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070343.D
Acq: 14 Sep 2021 10:22

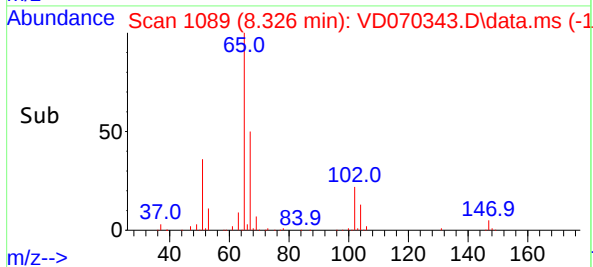
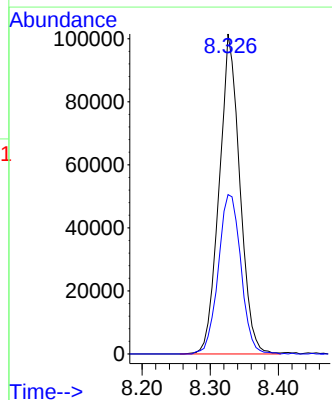
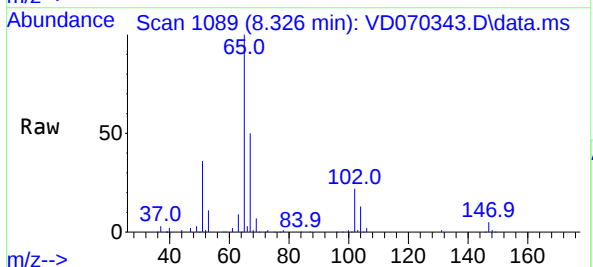
Instrument :
MSVOA_D
ClientSampleId :
VD0914SBL01

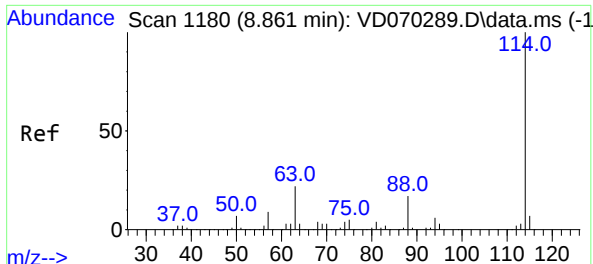
Tgt Ion:168 Resp: 327480
Ion Ratio Lower Upper
168 100
99 63.4 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 50.831 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070343.D
Acq: 14 Sep 2021 10:22

Tgt Ion: 65 Resp: 213739
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.4



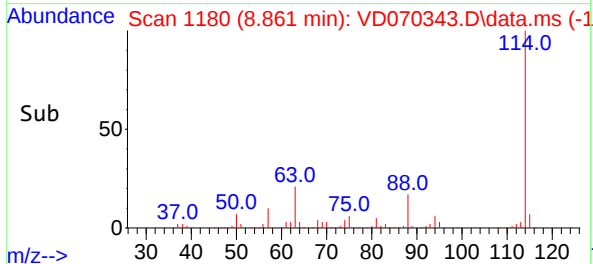
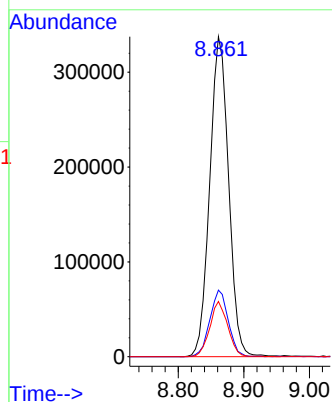
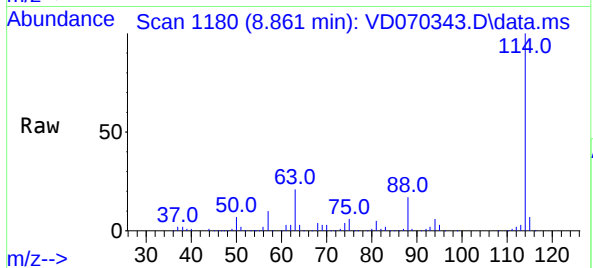


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070343.D
Acq: 14 Sep 2021 10:22

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBL01

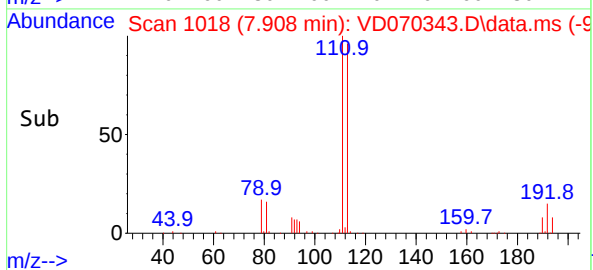
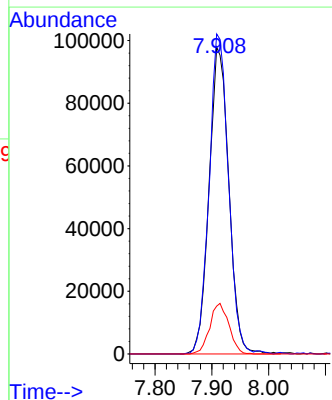
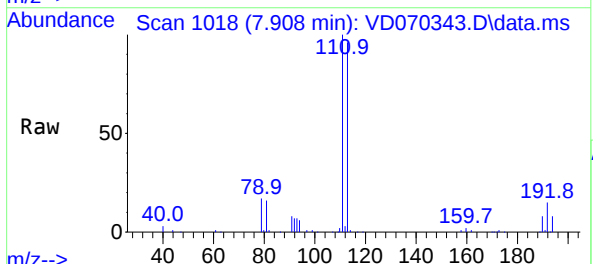
Tgt Ion:114 Resp: 674261
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 17.2 0.0 33.4

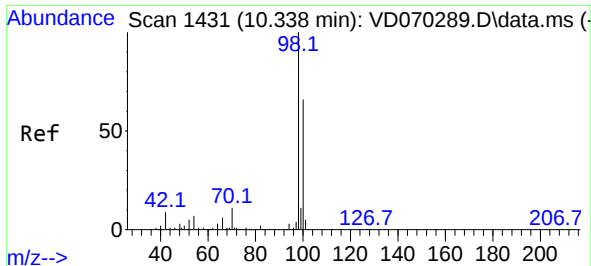


#35

Dibromofluoromethane
Concen: 49.176 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070343.D
Acq: 14 Sep 2021 10:22

Tgt Ion:113 Resp: 236021
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 16.0 13.0 19.6

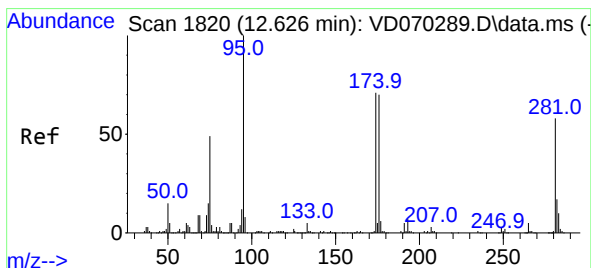
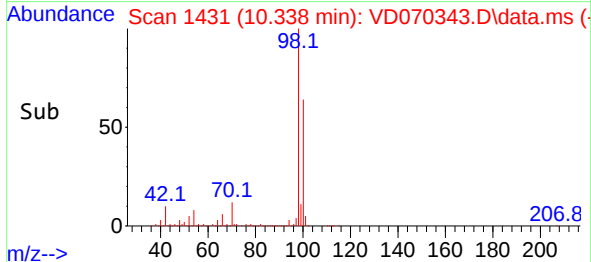
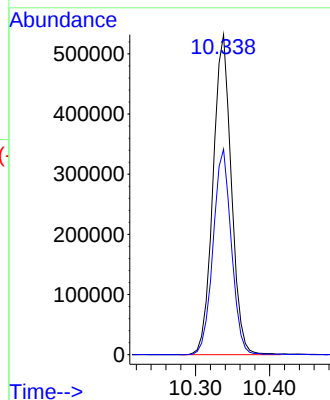
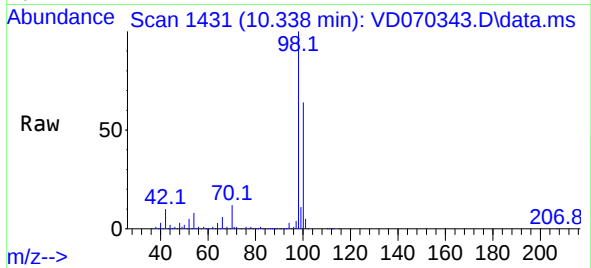




#50
Toluene-d8
Concen: 52.299 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070343.D
Acq: 14 Sep 2021 10:22

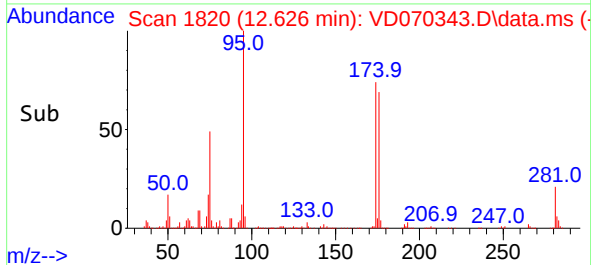
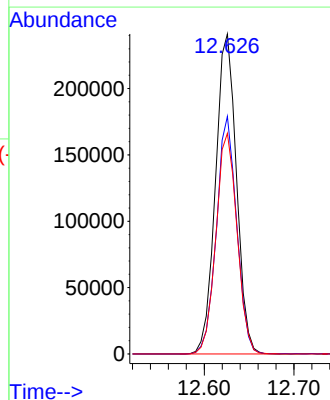
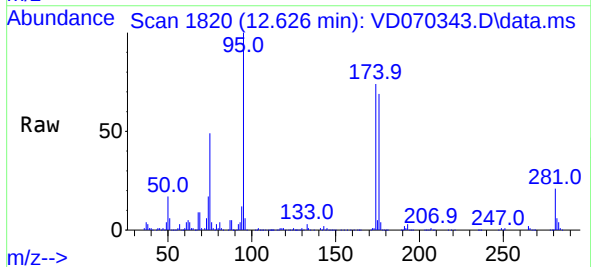
Instrument :
MSVOA_D
ClientSampleId :
VD0914SBL01

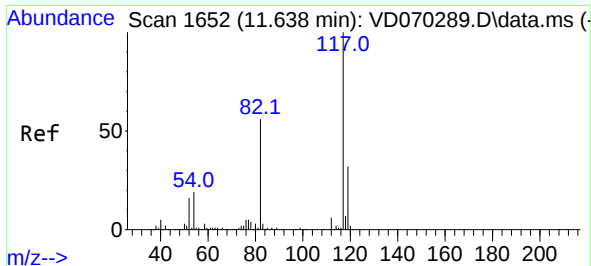
Tgt Ion: 98 Resp: 911341
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 63.998 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070343.D
Acq: 14 Sep 2021 10:22

Tgt Ion: 95 Resp: 389750
Ion Ratio Lower Upper
95 100
174 71.9 0.0 140.6
176 69.5 0.0 137.4

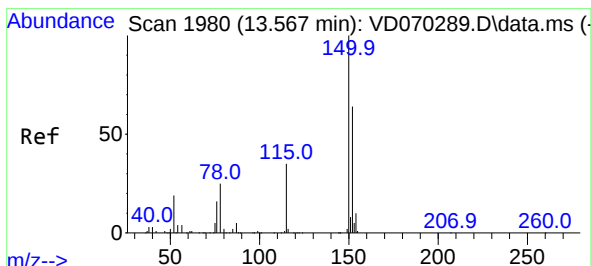
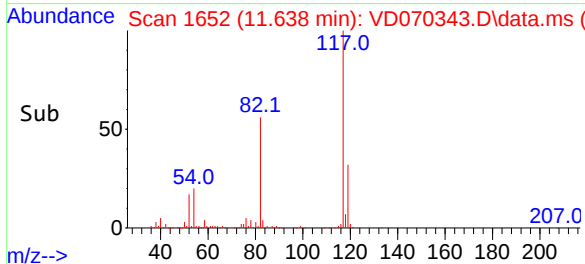
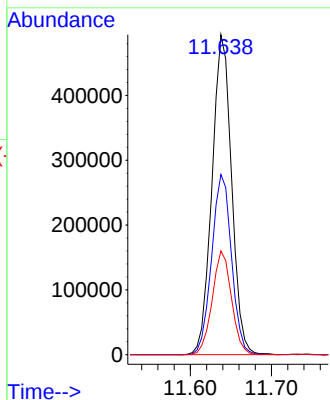
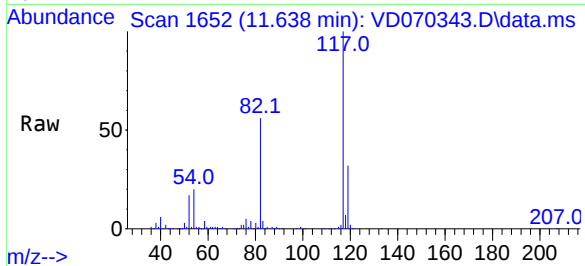




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070343.D
Acq: 14 Sep 2021 10:22

Instrument :
MSVOA_D
ClientSampleId :
VD0914SBL01

Tgt Ion:	117	Resp:	828796
Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.0	67.4
119	32.4	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: VD070343.D
Acq: 14 Sep 2021 10:22

Tgt Ion:	152	Resp:	386011
Ion	Ratio	Lower	Upper
152	100		
115	63.5	32.1	96.3
150	158.5	0.0	350.6

