

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101221\
 Data File : VD070682.D
 Acq On : 12 Oct 2021 16:32
 Operator : VA/SY
 Sample : M4127-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-27080

Quant Time: Oct 13 06:37:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	340474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	668822	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	622671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	229351	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	213312	53.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.48%	
35) Dibromofluoromethane	7.914	113	223159	50.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.38%	
50) Toluene-d8	10.338	98	861469	50.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.36%	
62) 4-Bromofluorobenzene	12.626	95	245594	43.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.46%	

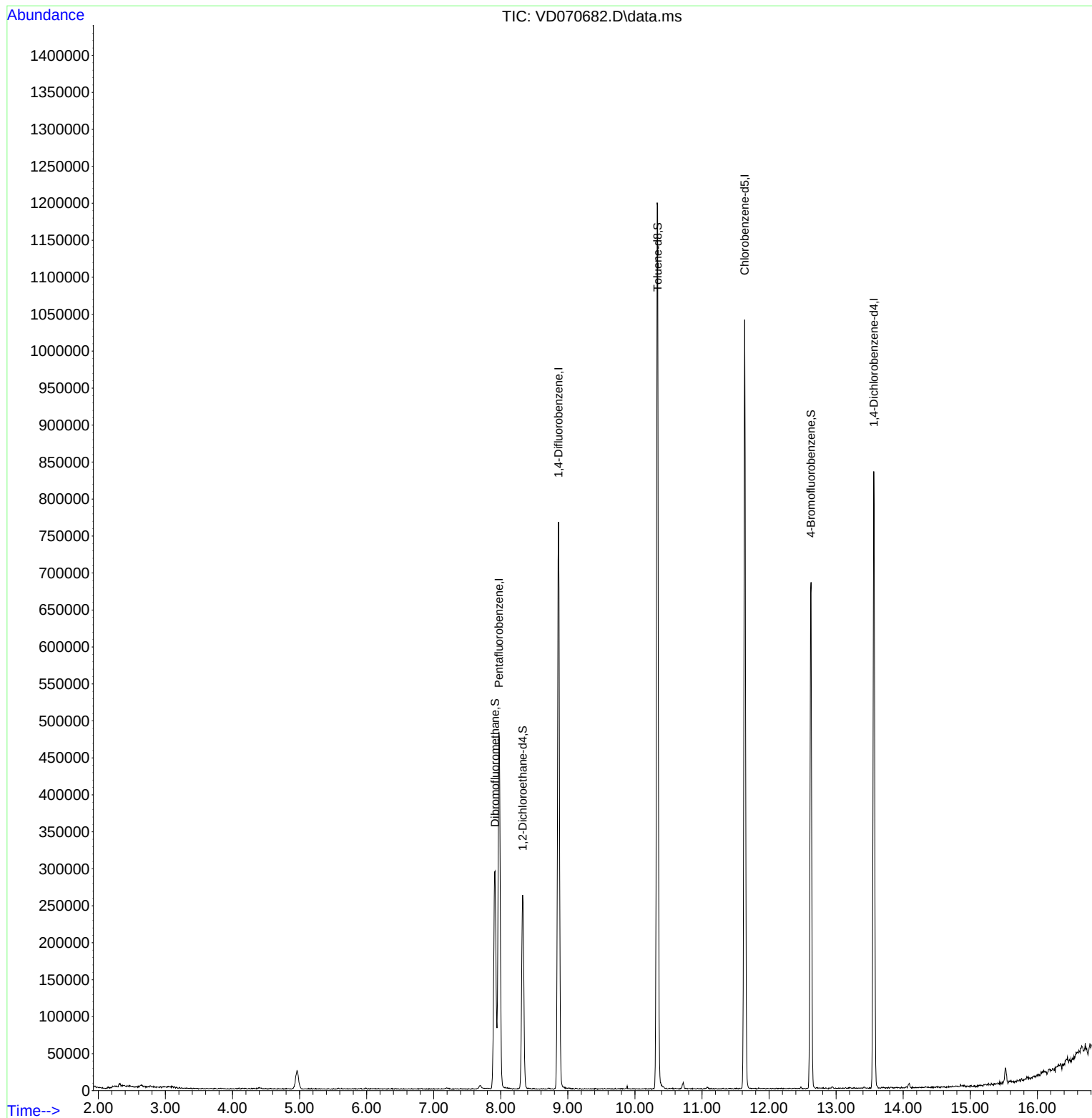
Target Compounds	Qvalue

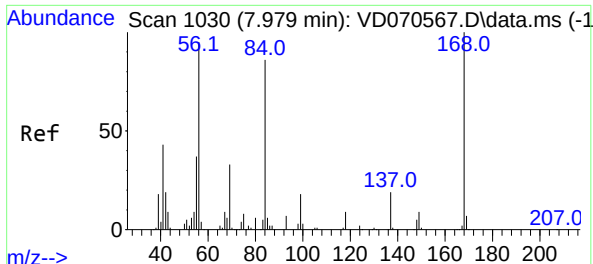
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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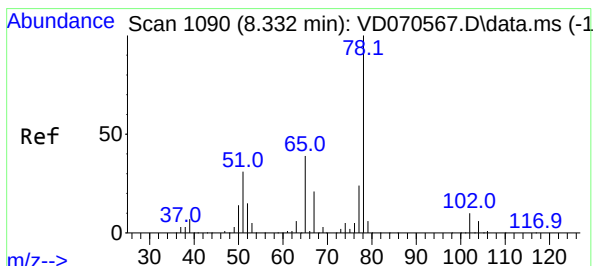
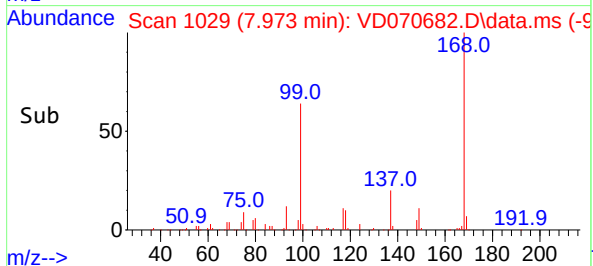
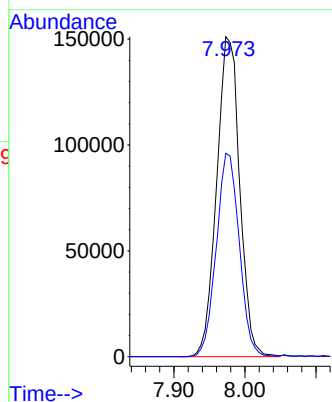
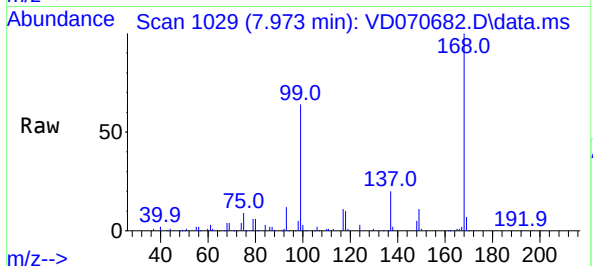




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070682.D
Acq: 12 Oct 2021 16:32

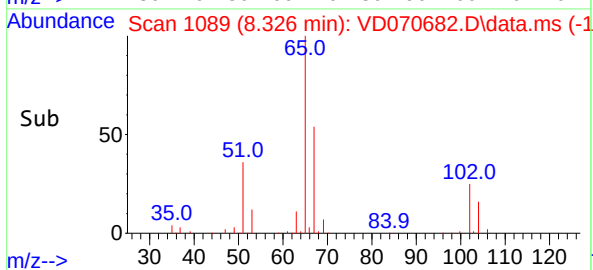
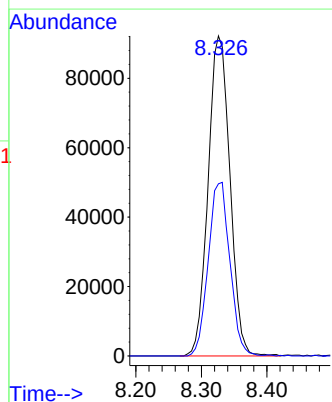
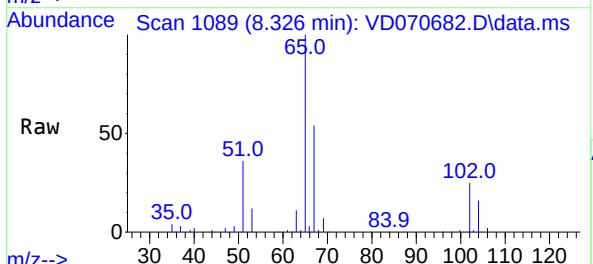
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27080

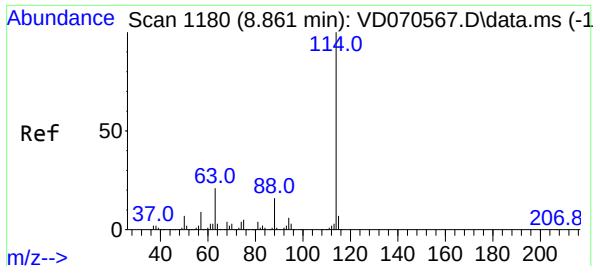
Tgt Ion:168 Resp: 340474
Ion Ratio Lower Upper
168 100
99 63.5 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.24 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070682.D
Acq: 12 Oct 2021 16:32

Tgt Ion: 65 Resp: 213312
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2



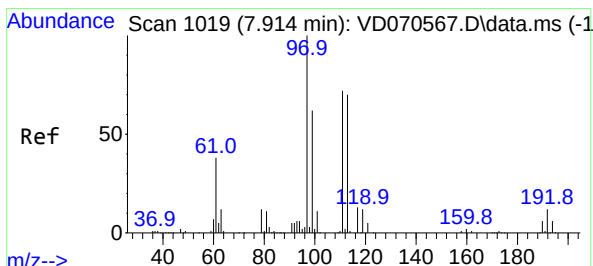
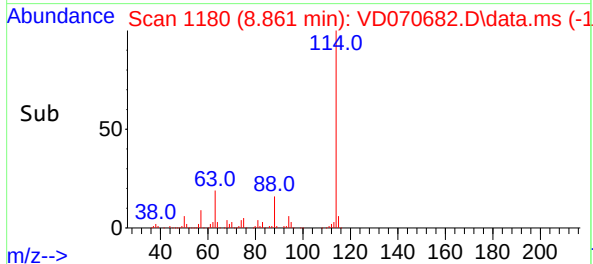
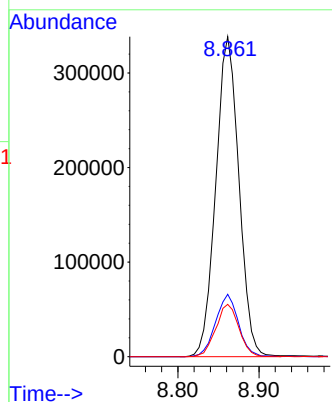
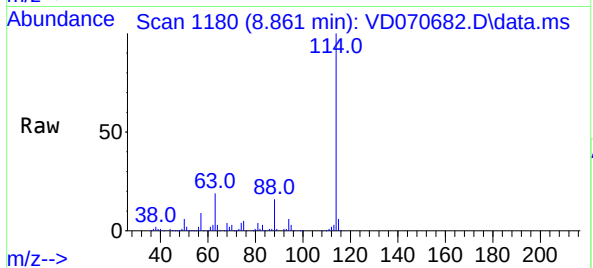


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070682.D
Acq: 12 Oct 2021 16:32

Instrument :
MSVOA_D
ClientSampleId :
CHRT-27080

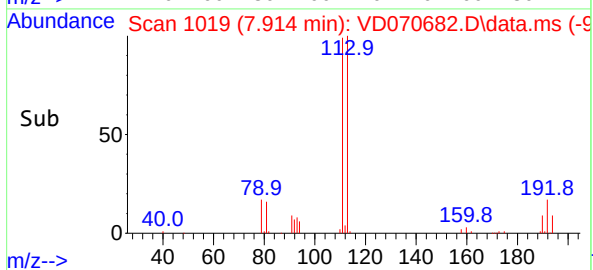
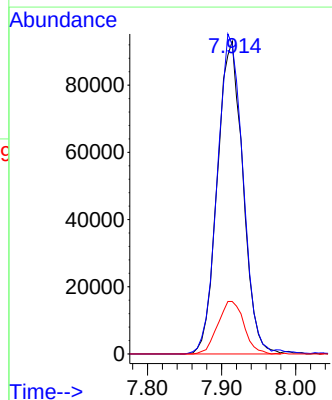
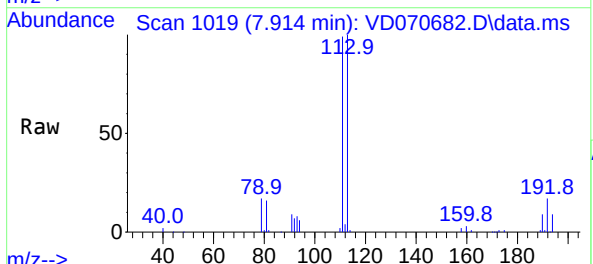
Tgt Ion:	114	Resp:	668822
Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	41.8
88	16.4	0.0	32.6

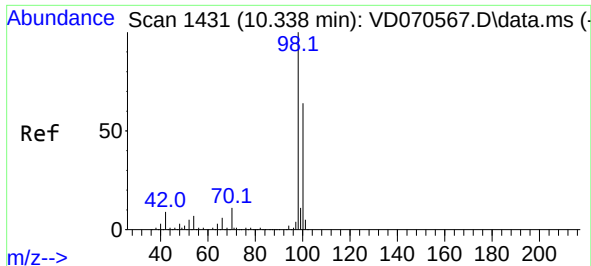


#35

Dibromofluoromethane
Concen: 50.19 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070682.D
Acq: 12 Oct 2021 16:32

Tgt Ion:	113	Resp:	223159
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.1	124.7
192	17.2	12.7	19.1

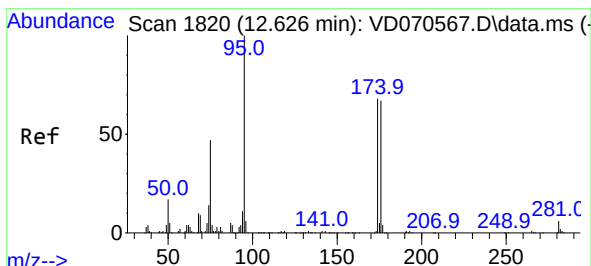
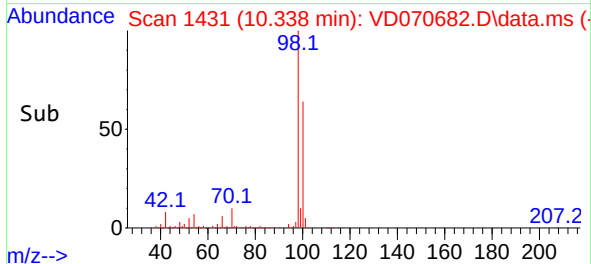
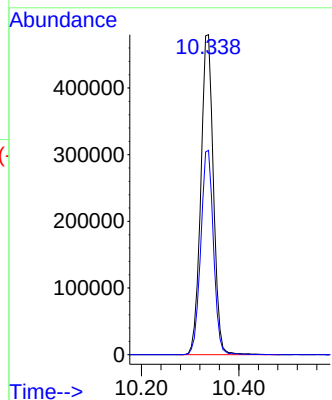
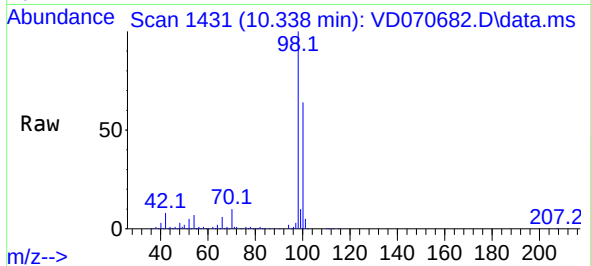




#50
Toluene-d8
Concen: 50.68 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070682.D
Acq: 12 Oct 2021 16:32

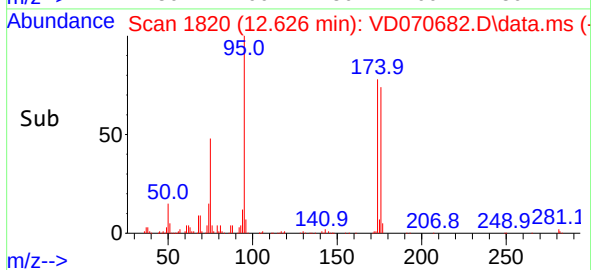
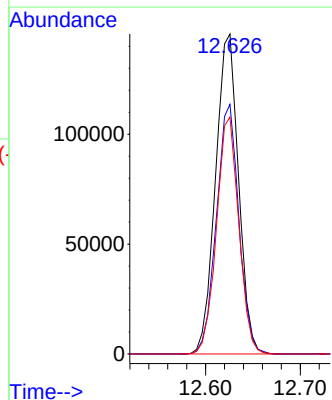
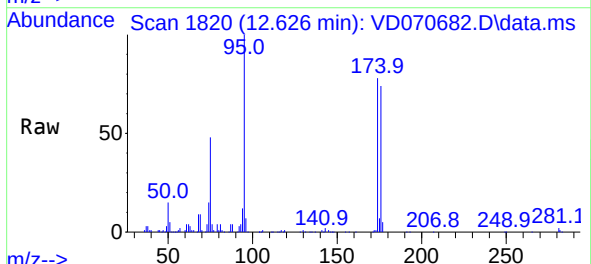
Instrument :
MSVOA_D
ClientSampleId :
CHRT-27080

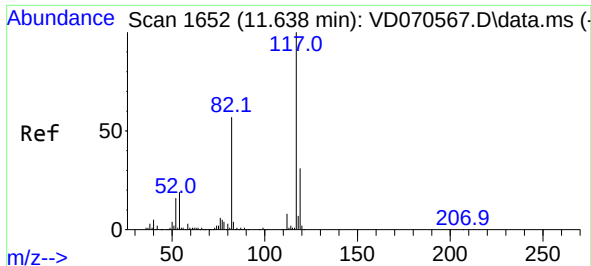
Tgt Ion: 98 Resp: 861469
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.23 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070682.D
Acq: 12 Oct 2021 16:32

Tgt Ion: 95 Resp: 245594
Ion Ratio Lower Upper
95 100
174 76.4 0.0 138.0
176 71.9 0.0 135.6

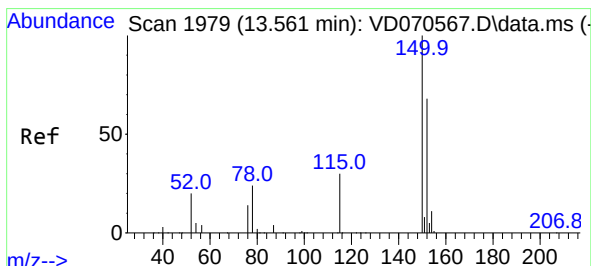
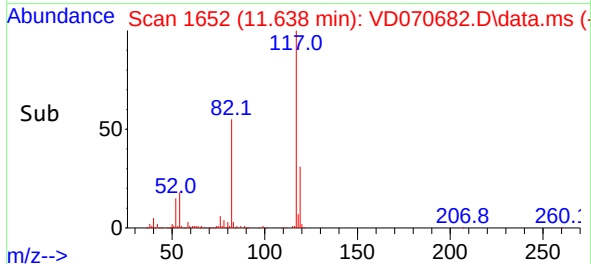
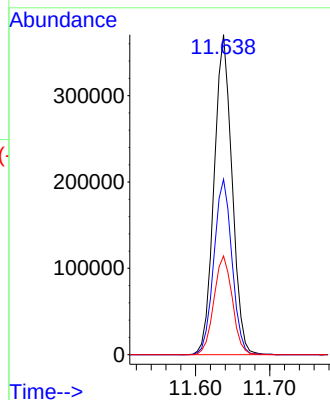
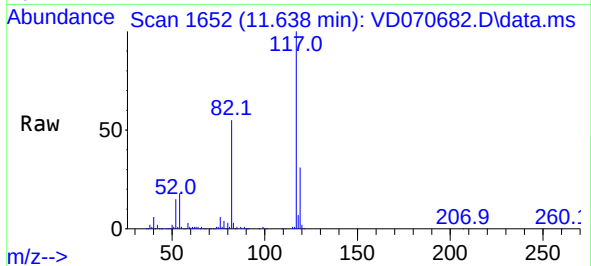




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070682.D
Acq: 12 Oct 2021 16:32

Instrument :
MSVOA_D
ClientSampleId :
CHRT-27080

Tgt Ion:	117	Resp:	622671
Ion	Ratio	Lower	Upper
117	100		
82	54.8	45.4	68.2
119	30.9	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070682.D
Acq: 12 Oct 2021 16:32

Tgt Ion:	152	Resp:	229351
Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.9	95.7
150	158.9	0.0	350.0

