

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070623.D
 Acq On : 07 Oct 2021 18:09
 Operator : VA/SY
 Sample : M4117-04
 Misc : 4.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(9.5-10.0)

Quant Time: Oct 08 04:54:20 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	7.979	168	167235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	305805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	319665	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	137196	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145917	74.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.28%
35) Dibromofluoromethane	7.908	113	125330	61.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.28%
50) Toluene-d8	10.332	98	400500	51.53	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.06%
62) 4-Bromofluorobenzene	12.620	95	129304	49.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.56%

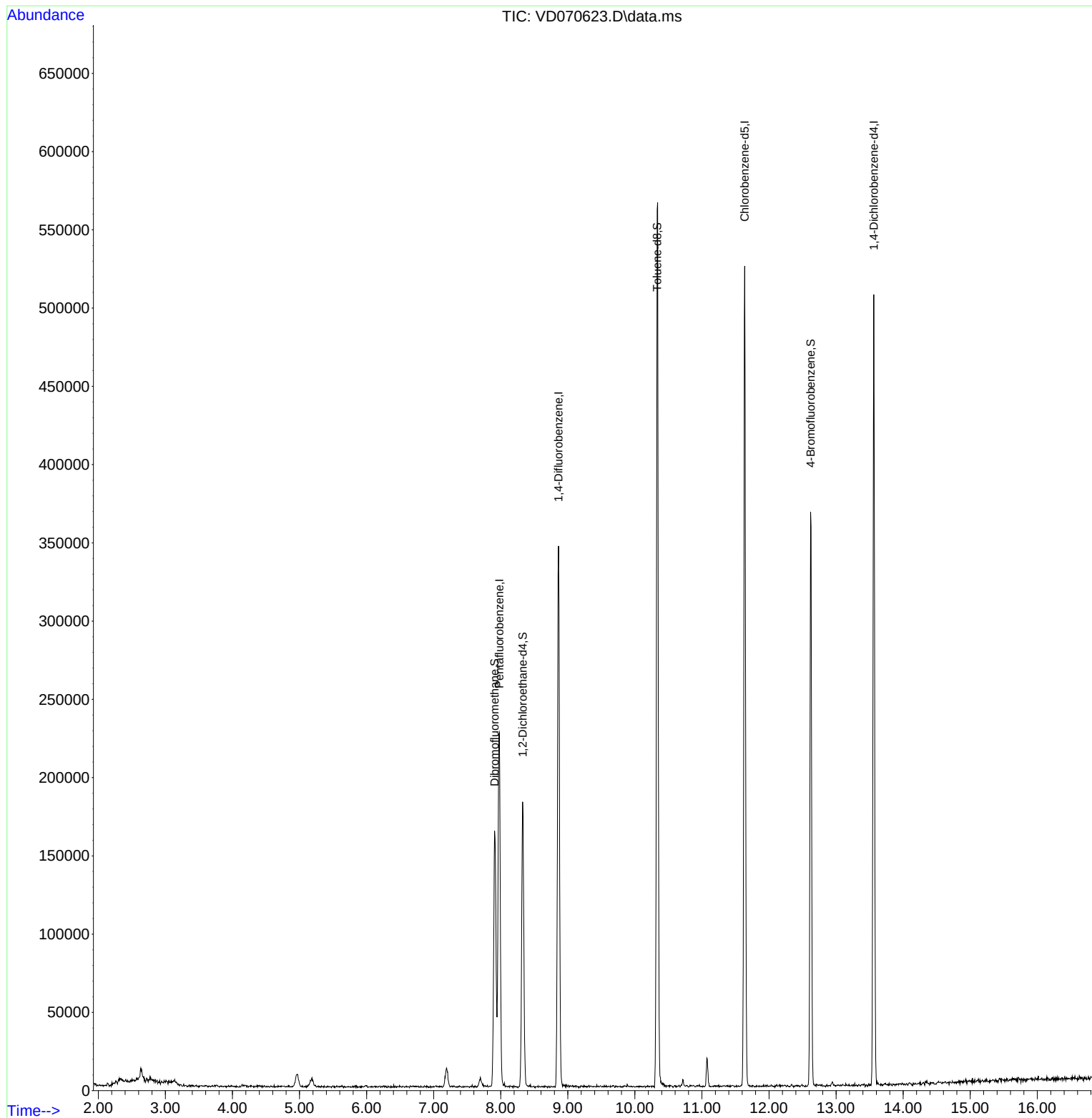
Target Compounds	Qvalue

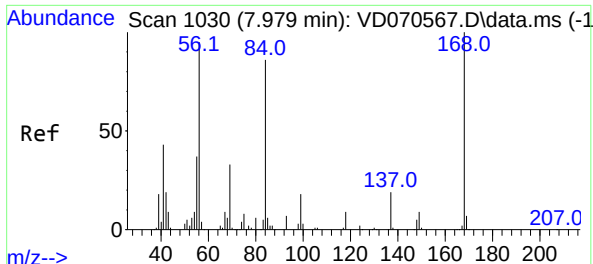
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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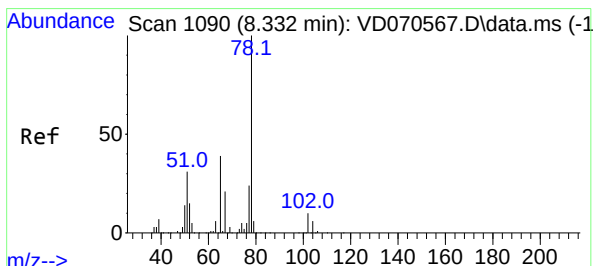
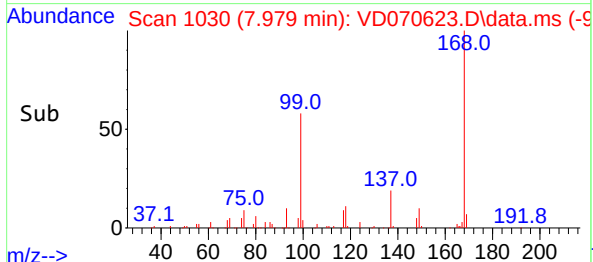
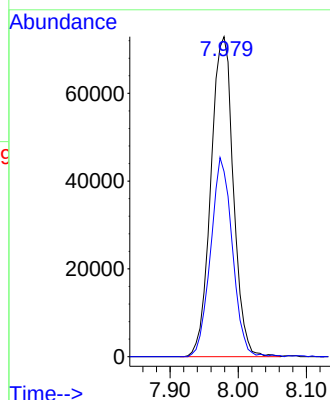
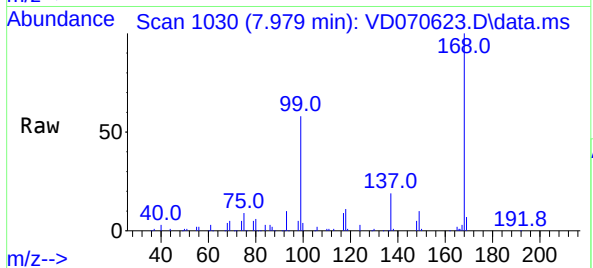




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070623.D
Acq: 07 Oct 2021 18:09

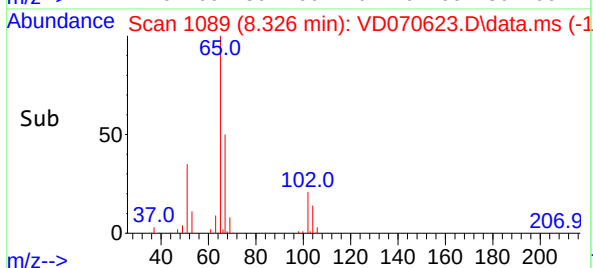
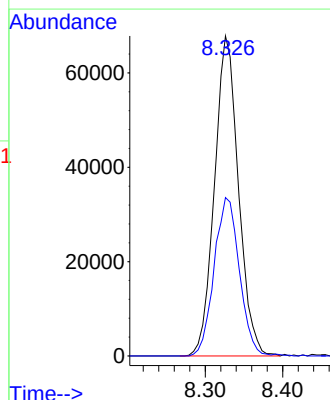
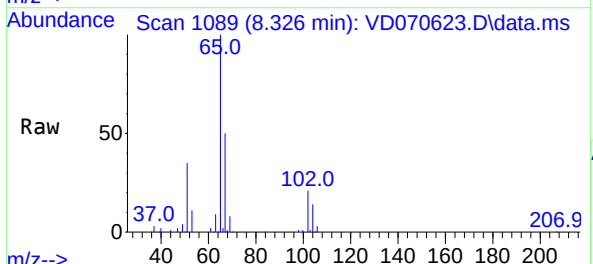
Instrument :
MSVOA_D
ClientSampleId :
SB-1(9.5-10.0)

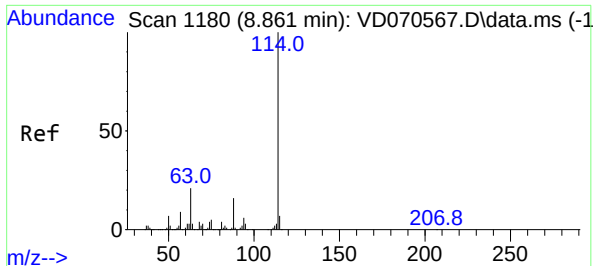
Tgt Ion:168 Resp: 167235
Ion Ratio Lower Upper
168 100
99 57.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 74.14 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070623.D
Acq: 07 Oct 2021 18:09

Tgt Ion: 65 Resp: 145917
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.2





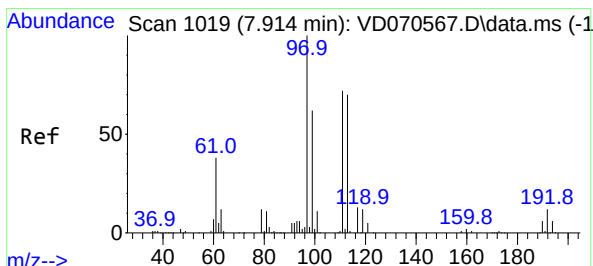
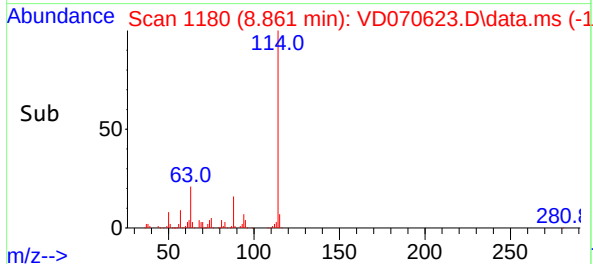
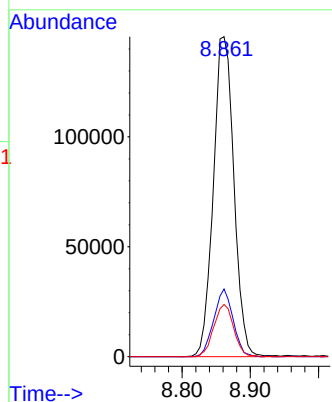
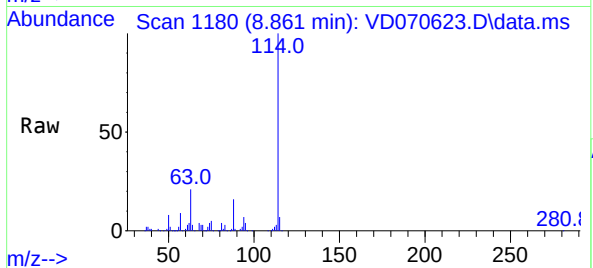
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070623.D
Acq: 07 Oct 2021 18:09

Instrument :
MSVOA_D
ClientSampleId :
SB-1(9.5-10.0)

Tgt Ion:114 Resp: 305805

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.8
88	16.3	0.0	32.6

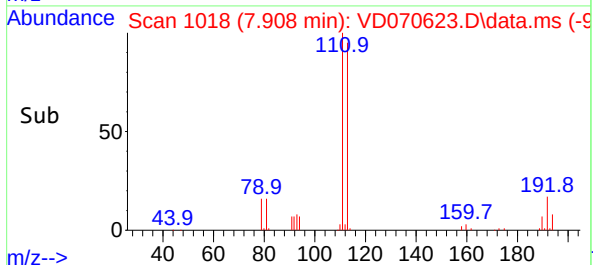
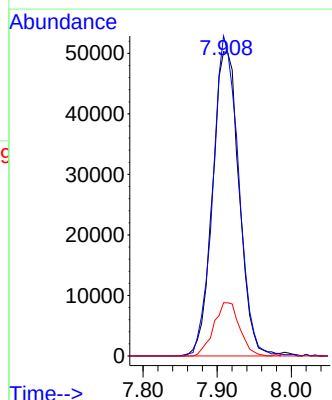
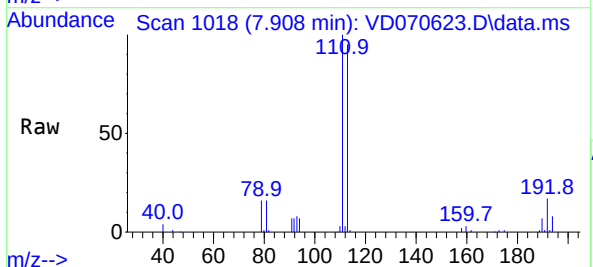


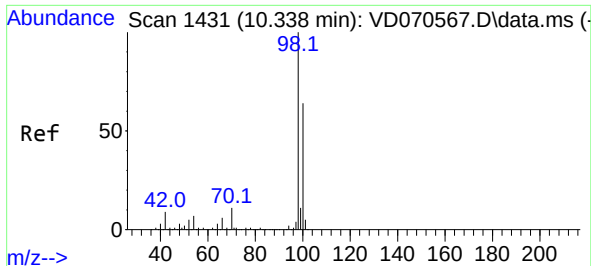
#35

Dibromofluoromethane
Concen: 61.64 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070623.D
Acq: 07 Oct 2021 18:09

Tgt Ion:113 Resp: 125330

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.1	124.7
192	17.0	12.7	19.1

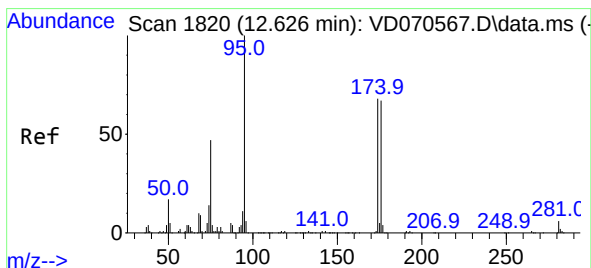
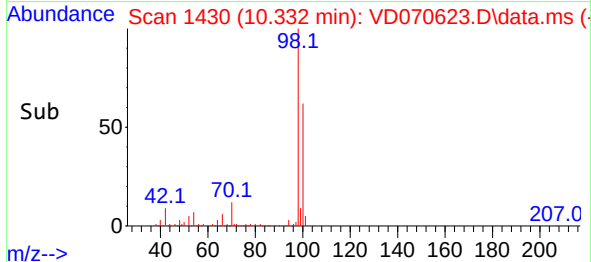
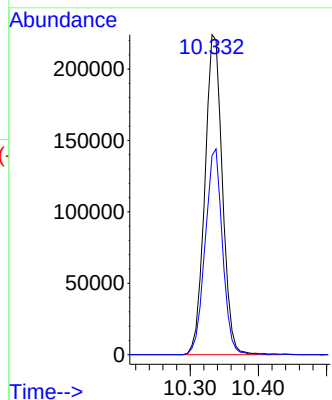
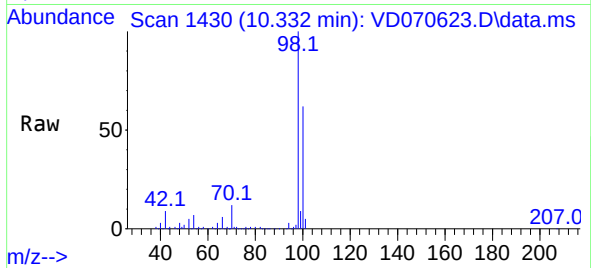




#50
Toluene-d8
Concen: 51.53 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070623.D
Acq: 07 Oct 2021 18:09

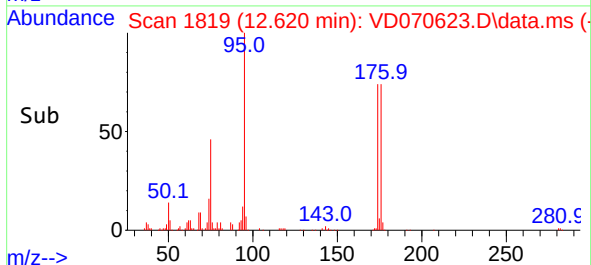
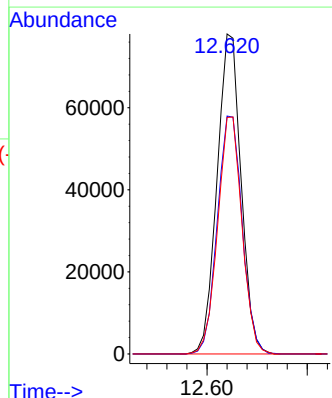
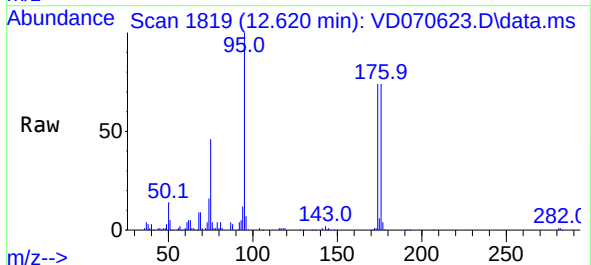
Instrument :
MSVOA_D
ClientSampleId :
SB-1(9.5-10.0)

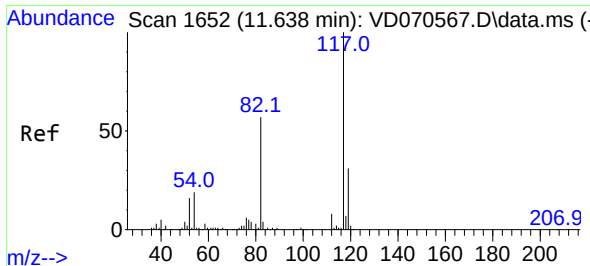
Tgt Ion: 98 Resp: 400500
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 49.78 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070623.D
Acq: 07 Oct 2021 18:09

Tgt Ion: 95 Resp: 129304
Ion Ratio Lower Upper
95 100
174 77.0 0.0 138.0
176 74.9 0.0 135.6

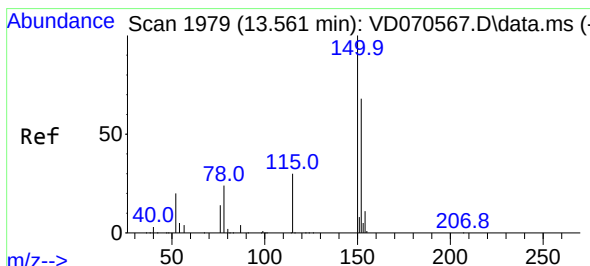
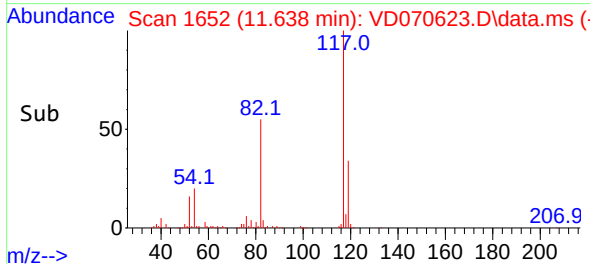
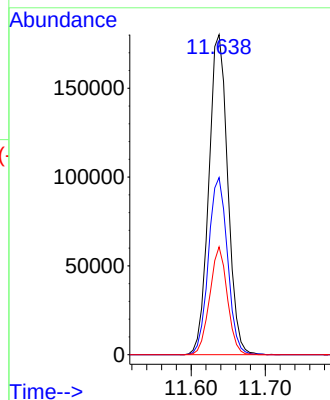
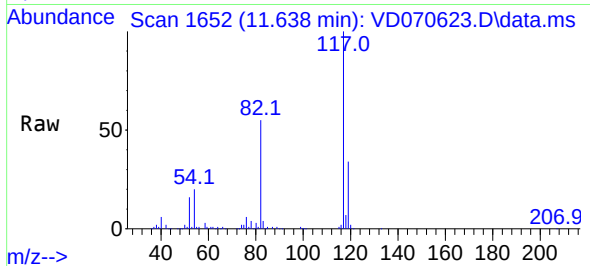




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070623.D
Acq: 07 Oct 2021 18:09

Instrument :
MSVOA_D
ClientSampleId :
SB-1(9.5-10.0)

Tgt Ion:	117	Resp:	319665
Ion	Ratio	Lower	Upper
117	100		
82	55.4	45.4	68.2
119	33.7	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: VD070623.D
Acq: 07 Oct 2021 18:09

Tgt Ion:	152	Resp:	137196
Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.9	95.7
150	157.3	0.0	350.0

