

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102021\
 Data File : VD070782.D
 Acq On : 20 Oct 2021 18:14
 Operator : VA/SY
 Sample : M4285-04
 Misc : 5.11G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-EB-(1)

Quant Time: Oct 21 05:40:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 18 08:32:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	480858	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	884651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	830901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	351259	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	296205	52.01	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.02%
35) Dibromofluoromethane	7.914	113	281758	49.74	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.48%
50) Toluene-d8	10.338	98	1127870	51.94	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.88%
62) 4-Bromofluorobenzene	12.626	95	359276	48.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.10%

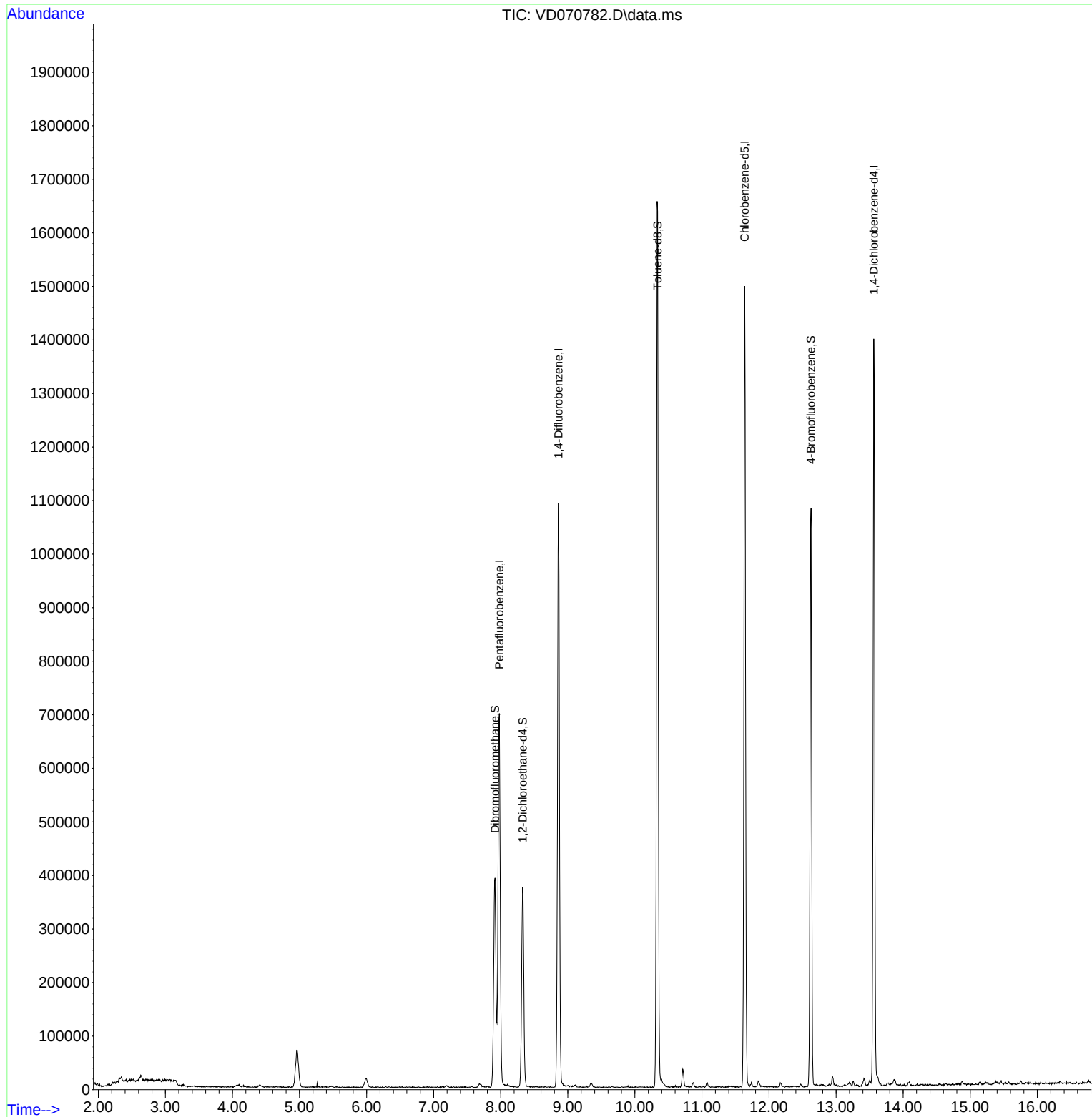
Target Compounds	Qvalue

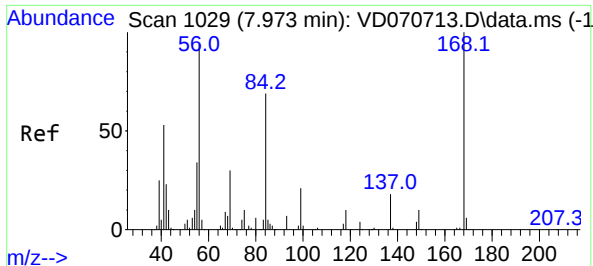
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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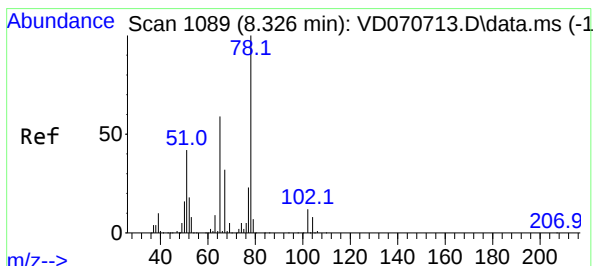
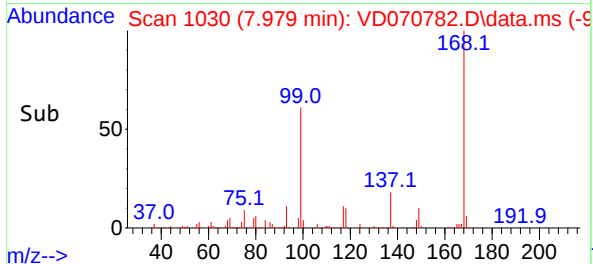
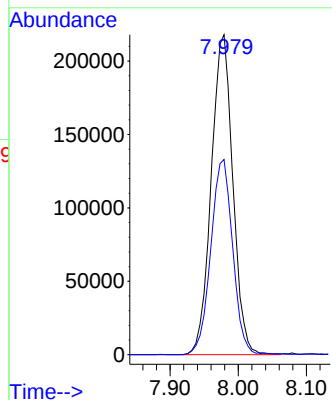
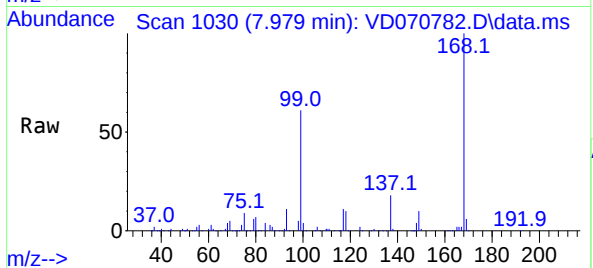




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. 0.006 min
 Lab File: VD070782.D
 Acq: 20 Oct 2021 18:14

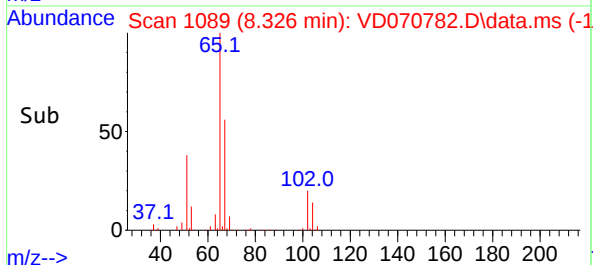
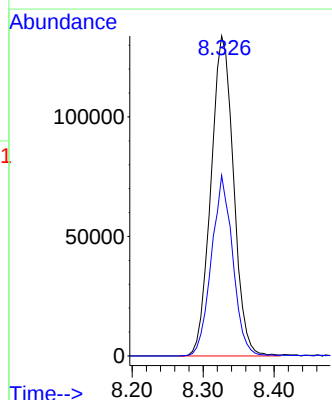
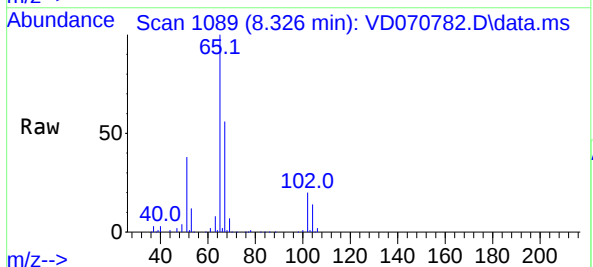
Instrument :
 MSVOA_D
 ClientSampleId :
 MH-EB-(1)

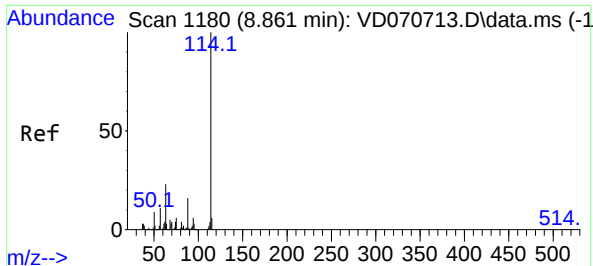
Tgt Ion:168 Resp: 480858
 Ion Ratio Lower Upper
 168 100
 99 61.0 51.4 77.0



1,2-Dichloroethane-d4
 Concen: 52.01 ug/l
 RT: 8.326 min Scan# 1089
 Delta R.T. 0.000 min
 Lab File: VD070782.D
 Acq: 20 Oct 2021 18:14

Tgt Ion: 65 Resp: 296205
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 110.2





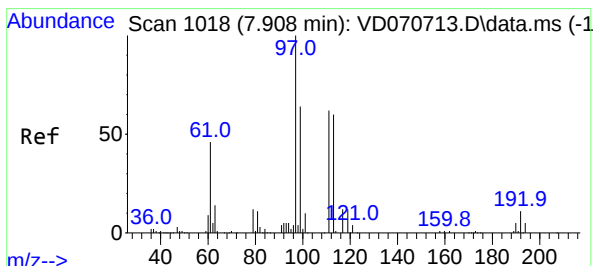
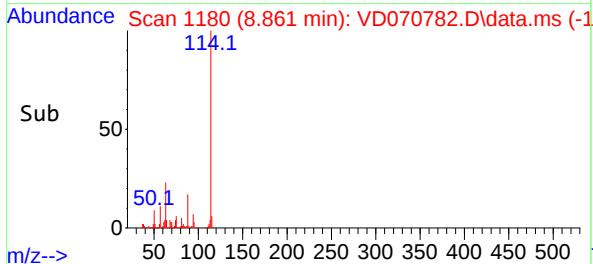
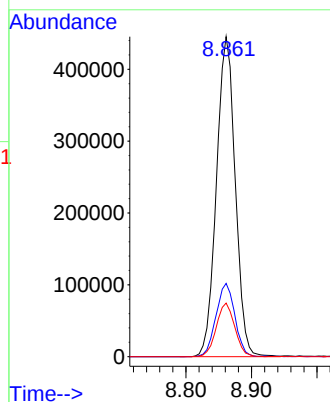
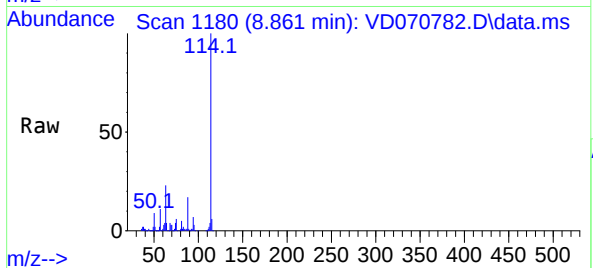
#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)

Tgt Ion:114 Resp: 884651

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	41.8
88	16.8	0.0	32.6

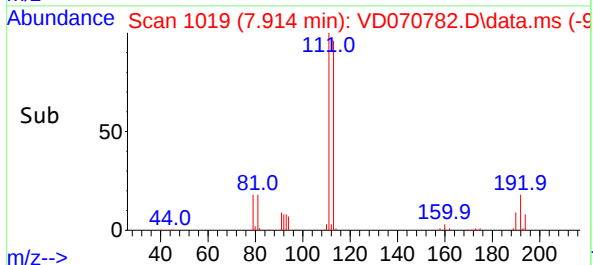
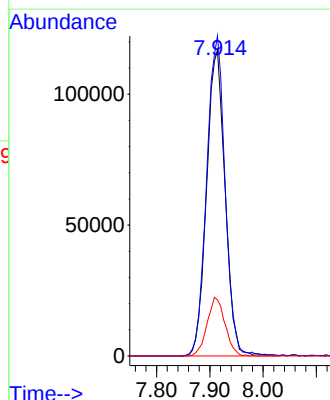
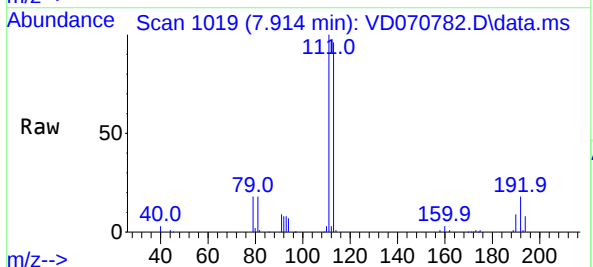


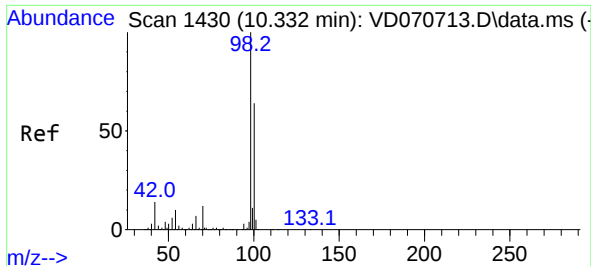
#35

Dibromofluoromethane
Concen: 49.74 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Tgt Ion:113 Resp: 281758

Ion	Ratio	Lower	Upper
113	100		
111	104.2	83.1	124.7
192	18.6	12.7	19.1

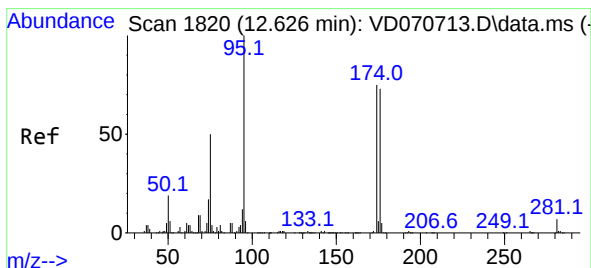
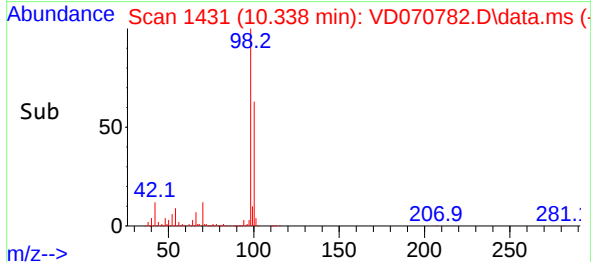
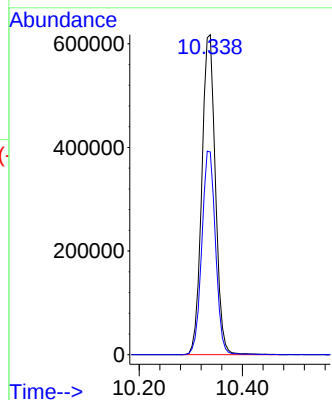
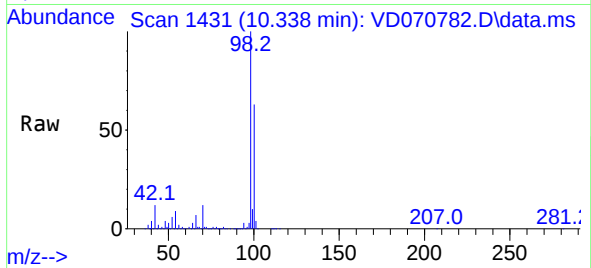




#50
Toluene-d8
Concen: 51.94 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

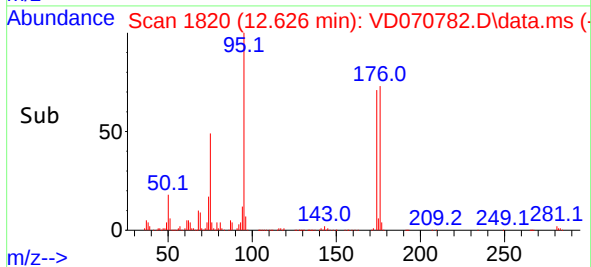
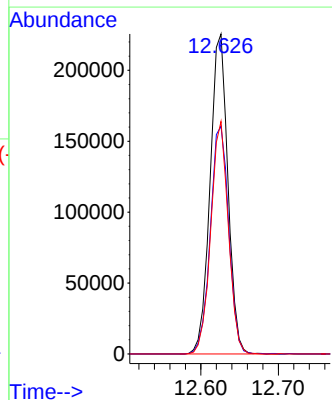
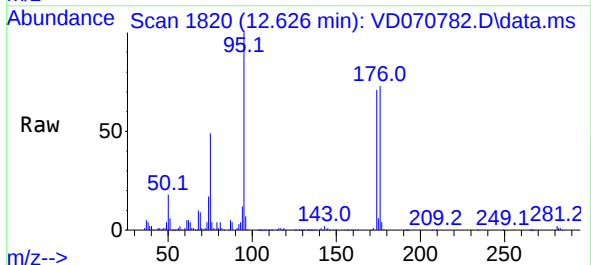
Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)

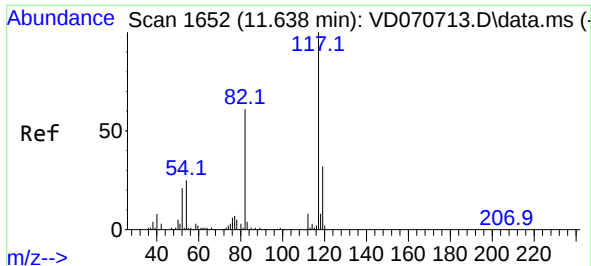
Tgt Ion: 98 Resp: 1127870
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.05 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Tgt Ion: 95 Resp: 359276
Ion Ratio Lower Upper
95 100
174 74.0 0.0 138.0
176 71.6 0.0 135.6

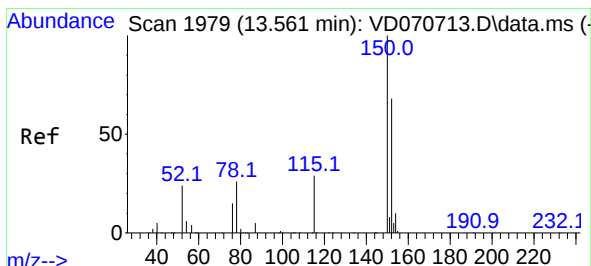
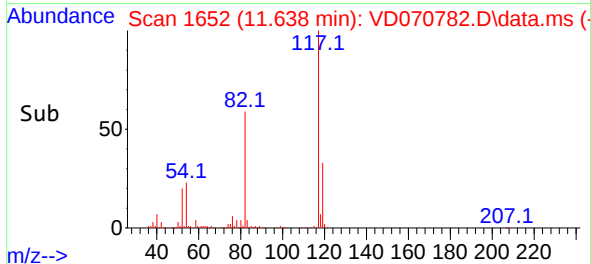
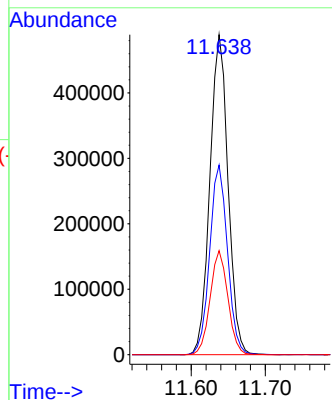
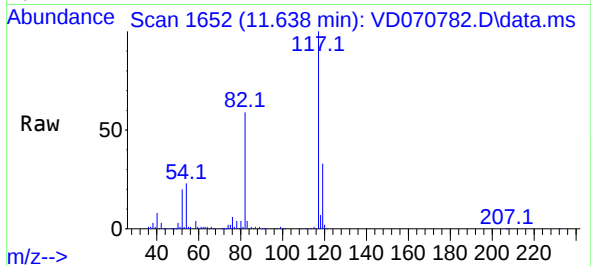




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070782.D
Acq: 20 Oct 2021 18:14

Instrument :
MSVOA_D
ClientSampleId :
MH-EB-(1)

Tgt Ion:117 Resp: 830901
Ion Ratio Lower Upper
117 100
82 59.2 45.4 68.2
119 32.5 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: VD070782.D
Acq: 20 Oct 2021 18:14

Tgt Ion:152 Resp: 351259
Ion Ratio Lower Upper
152 100
115 63.4 31.9 95.7
150 156.8 0.0 350.0

