

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102121\
 Data File : VD070802.D
 Acq On : 21 Oct 2021 15:47
 Operator : VA/SY
 Sample : M4295-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-251686

Quant Time: Oct 22 06:15:39 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	92711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	160982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	169687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	72171	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	93870	85.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	170.960%#
35) Dibromofluoromethane	7.908	113	69099	67.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.080%
50) Toluene-d8	10.332	98	209767	53.088	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.180%
62) 4-Bromofluorobenzene	12.620	95	71482	52.539	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.080%

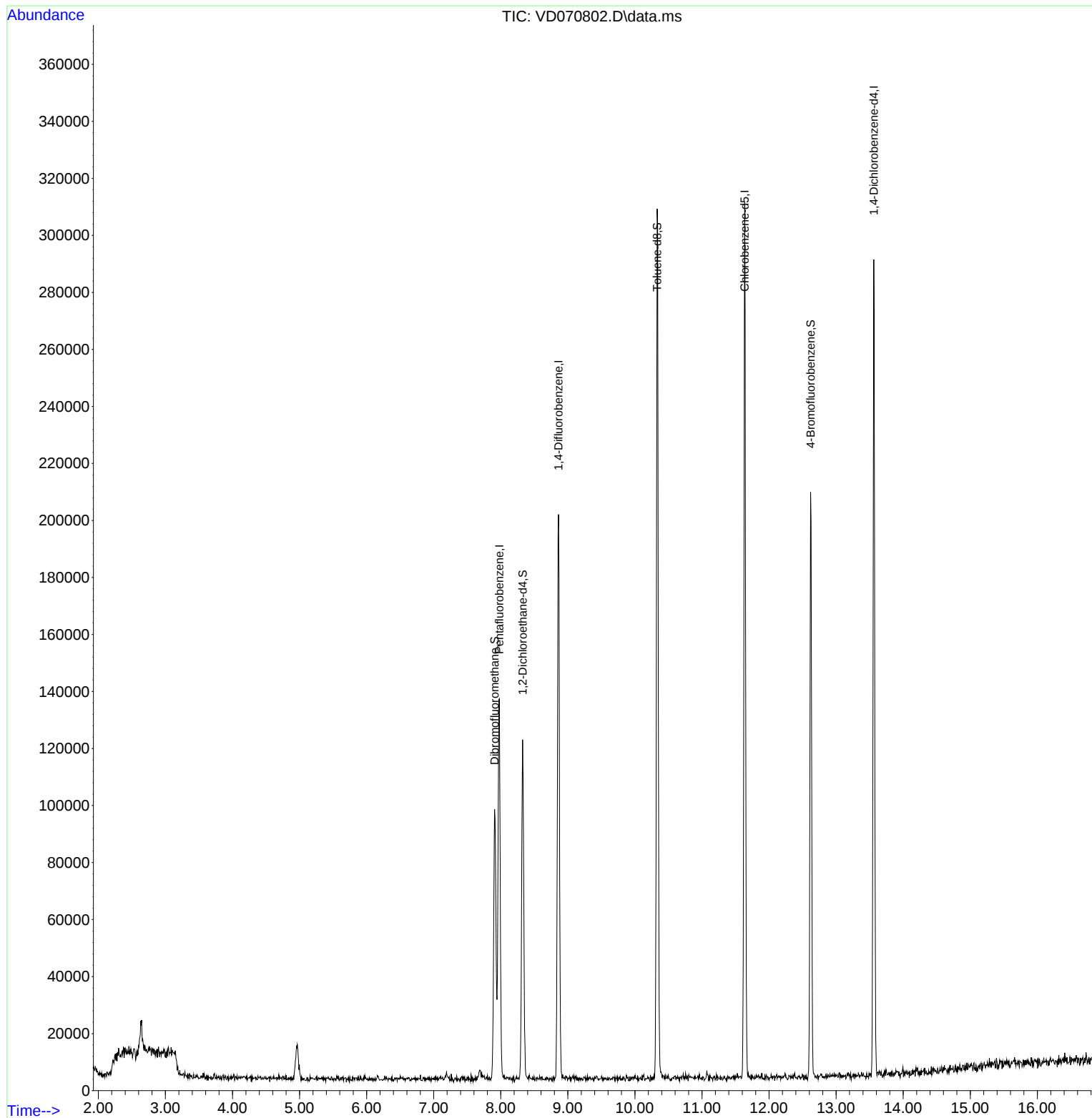
Target Compounds	Qvalue

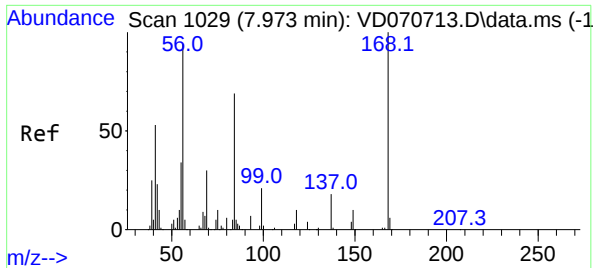
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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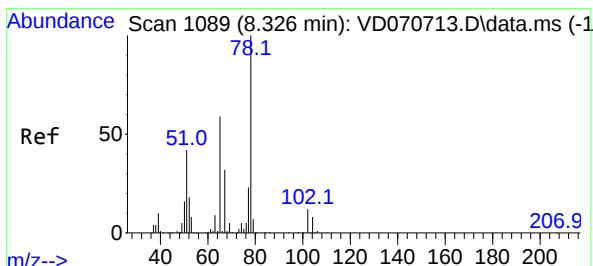
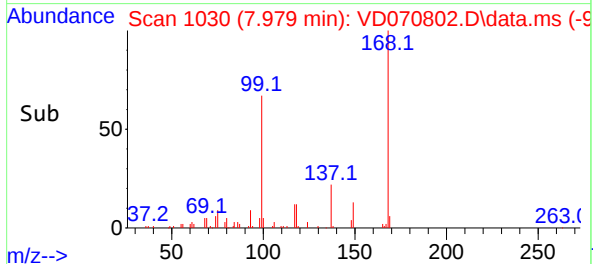
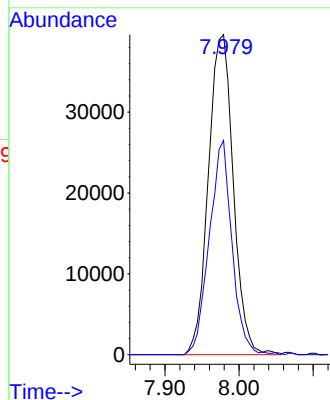
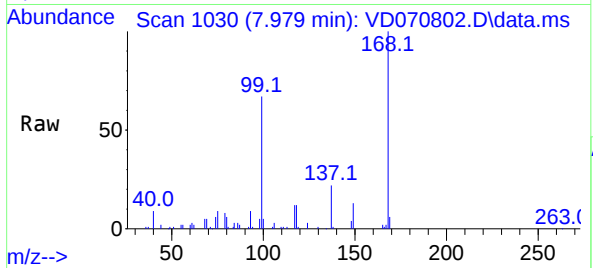




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

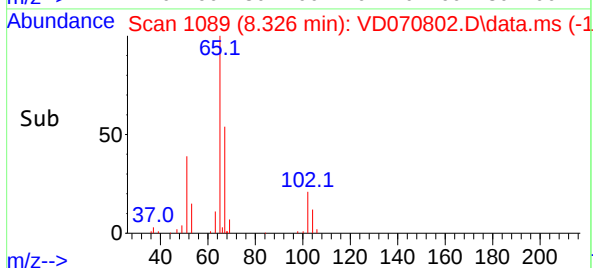
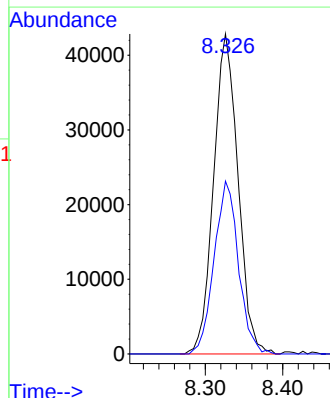
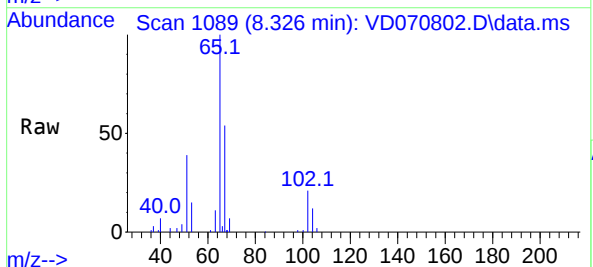
Instrument :
MSVOA_D
ClientSampleId :
RBR-251686

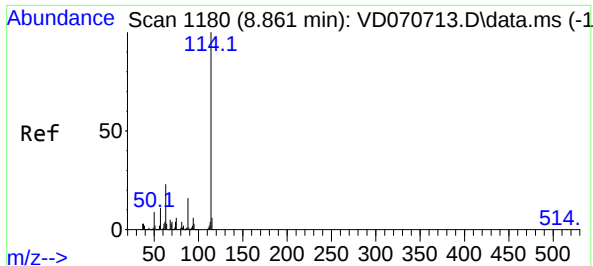
Tgt Ion:168 Resp: 92711
Ion Ratio Lower Upper
168 100
99 67.0 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 85.484 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion: 65 Resp: 93870
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2



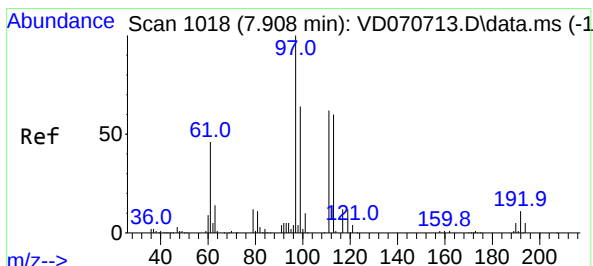
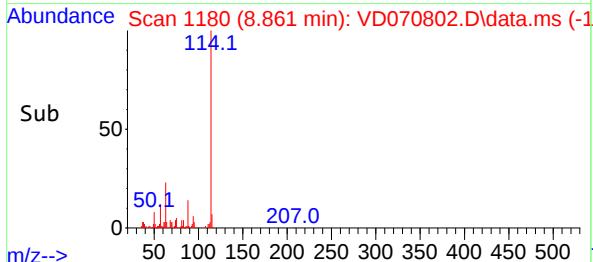
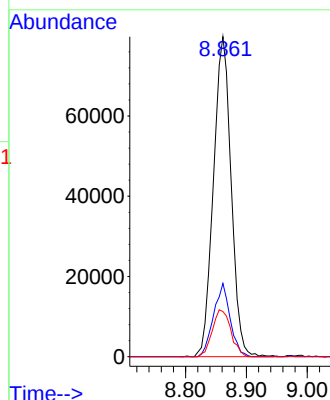
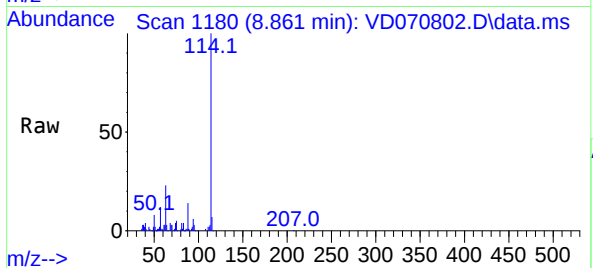


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampleId :
RBR-251686

Tgt Ion:114 Resp: 160982

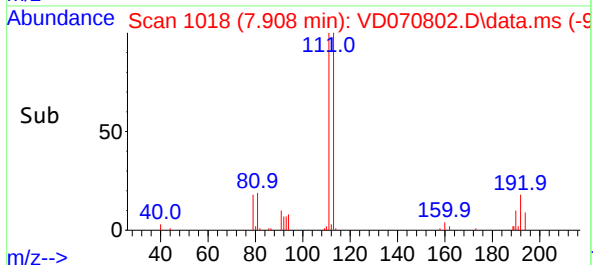
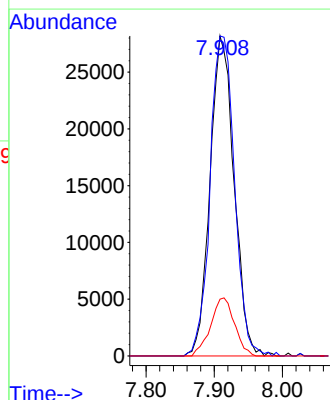
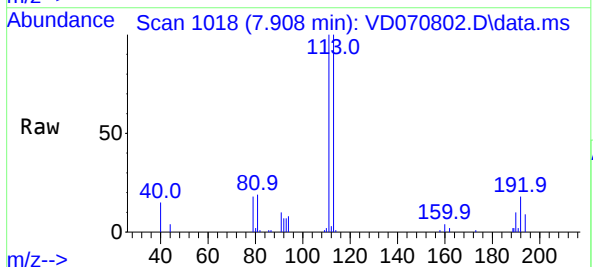
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	41.8
88	14.1	0.0	32.6

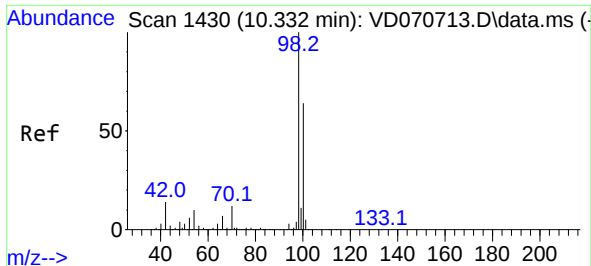


#35
Dibromofluoromethane
Concen: 67.036 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion:113 Resp: 69099

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.1	124.7
192	18.1	12.7	19.1

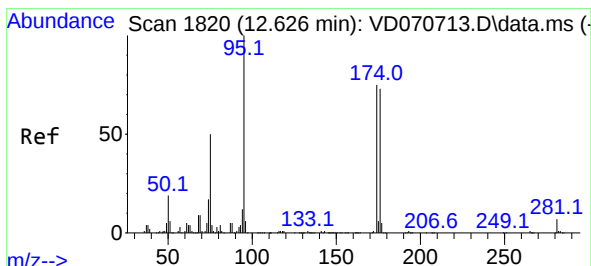
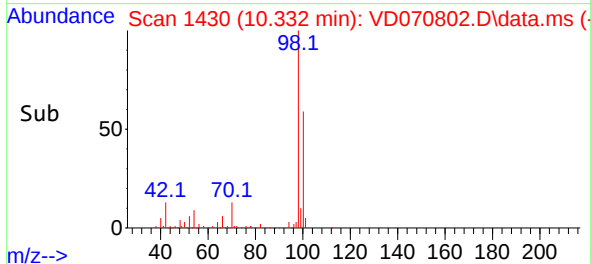
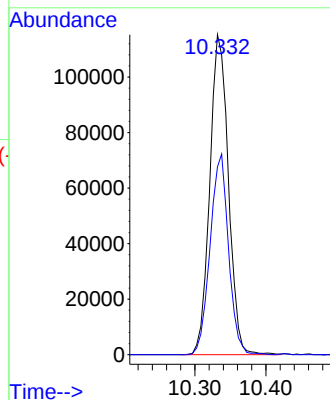
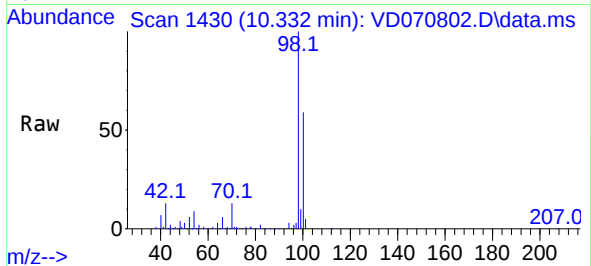




#50
Toluene-d8
Concen: 53.088 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

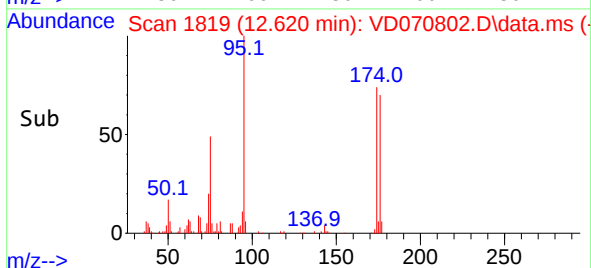
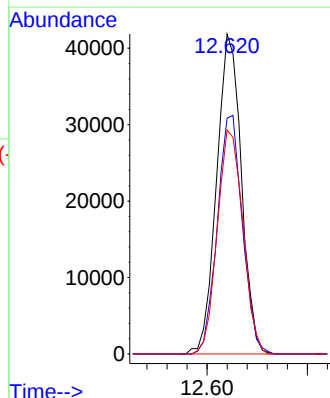
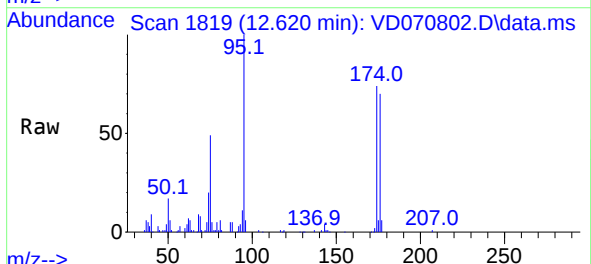
Instrument :
MSVOA_D
ClientSampleId :
RBR-251686

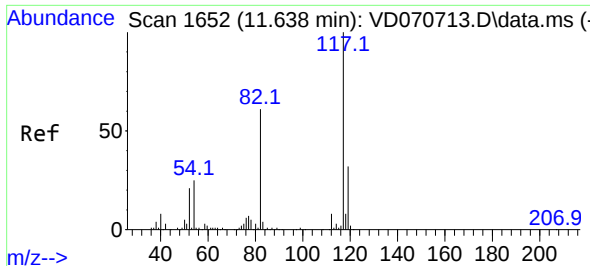
Tgt Ion: 98 Resp: 209767
Ion Ratio Lower Upper
98 100
100 62.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.539 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion: 95 Resp: 71482
Ion Ratio Lower Upper
95 100
174 75.5 0.0 138.0
176 72.4 0.0 135.6

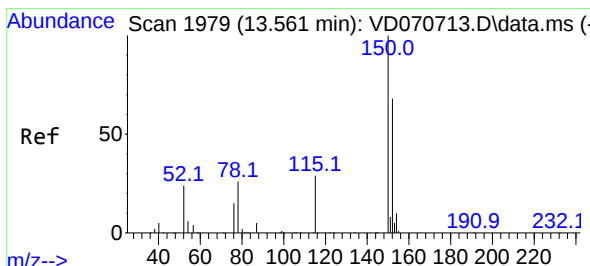
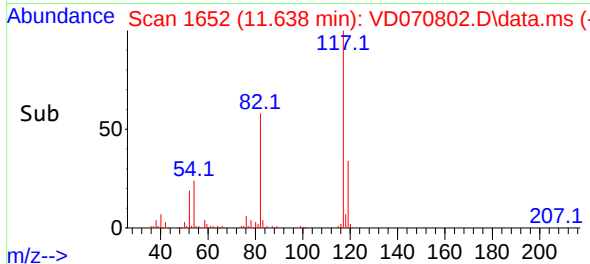
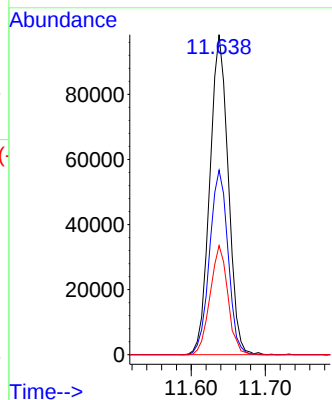
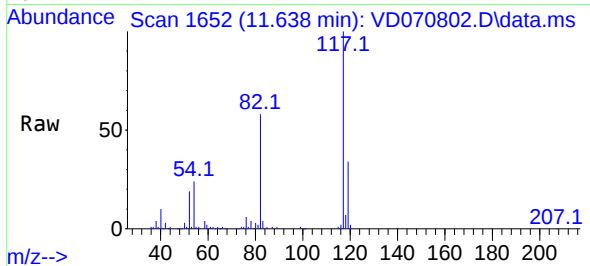




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Instrument :
MSVOA_D
ClientSampleId :
RBR-251686

Tgt Ion:117 Resp: 169687
Ion Ratio Lower Upper
117 100
82 57.6 45.4 68.2
119 34.1 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070802.D
Acq: 21 Oct 2021 15:47

Tgt Ion:152 Resp: 72171
Ion Ratio Lower Upper
152 100
115 63.8 31.9 95.7
150 158.3 0.0 350.0

