

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102221\
 Data File : VD070820.D
 Acq On : 22 Oct 2021 12:54
 Operator : VA/SY
 Sample : M4309-02
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 L-1A

Quant Time: Oct 23 04:10:38 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	451005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	780826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	760626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	297890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	281340	52.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.340%
35) Dibromofluoromethane	7.909	113	262115	52.426	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.860%
50) Toluene-d8	10.332	98	1052408	54.912	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.820%
62) 4-Bromofluorobenzene	12.620	95	316019	47.887	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.780%

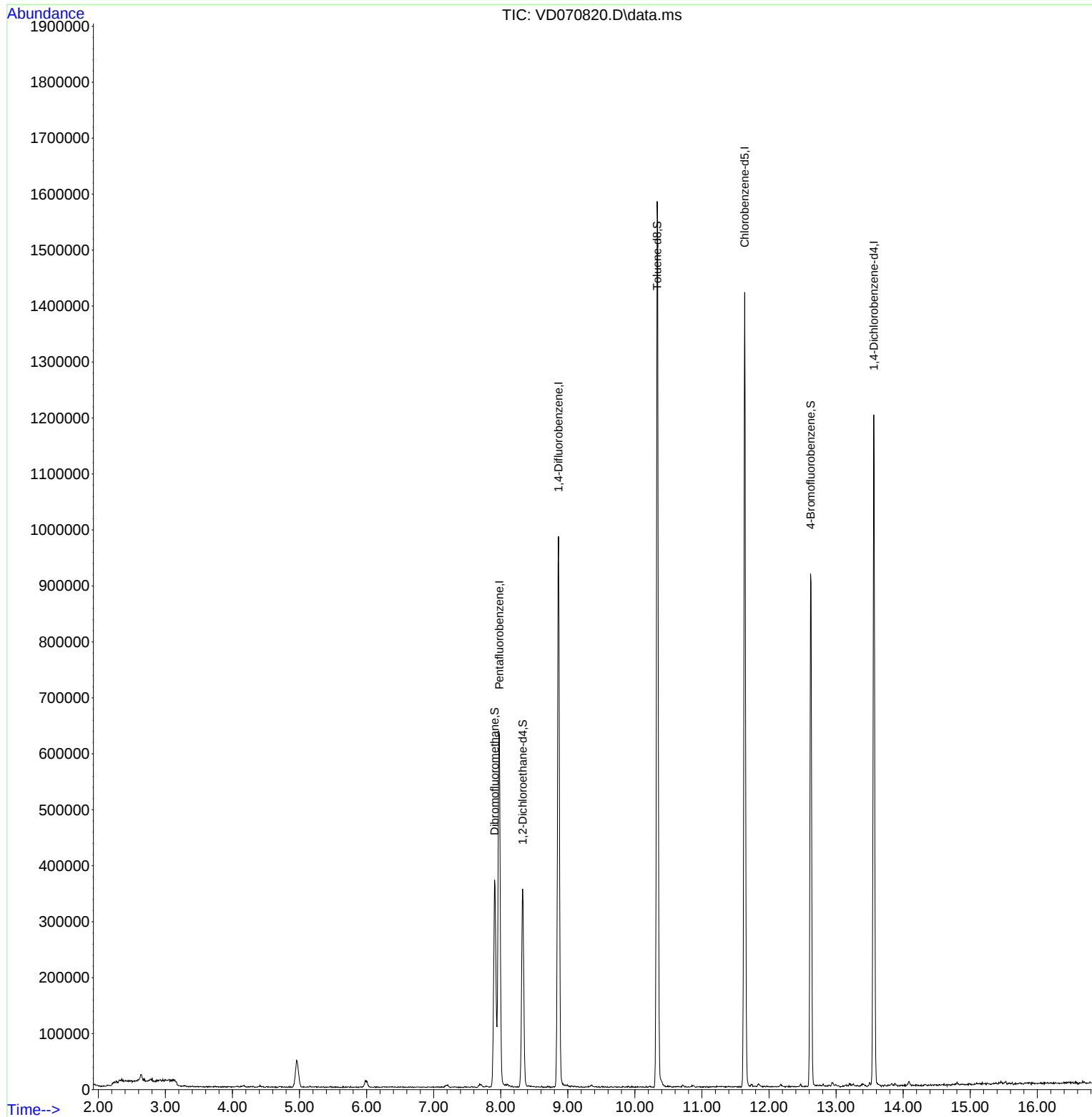
Target Compounds	Qvalue

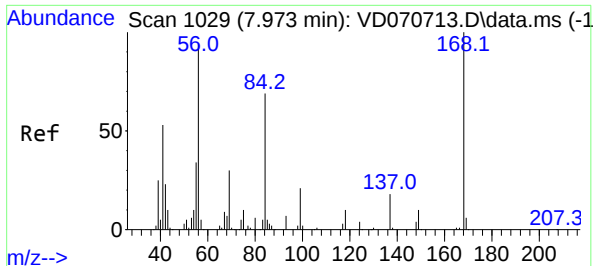
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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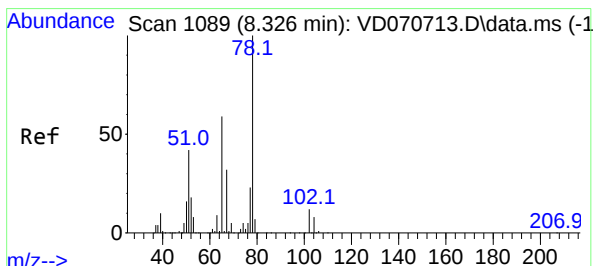
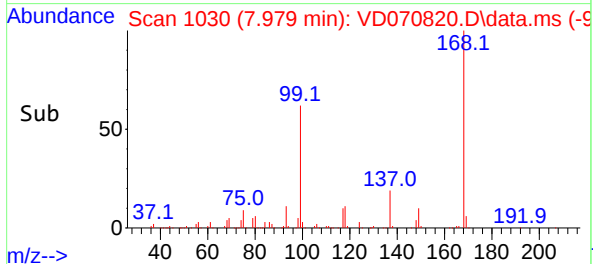
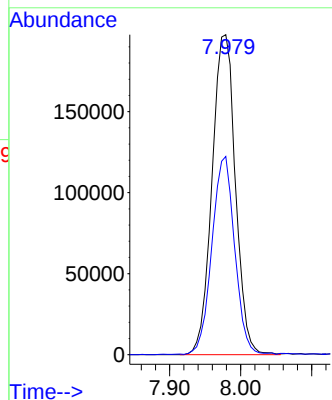
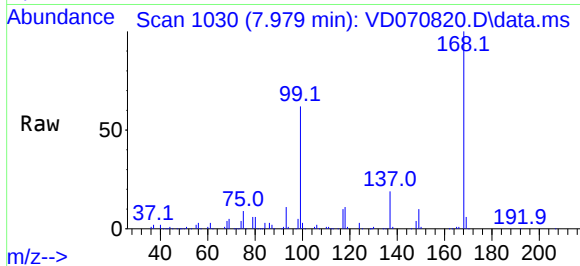




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD070820.D
Acq: 22 Oct 2021 12:54

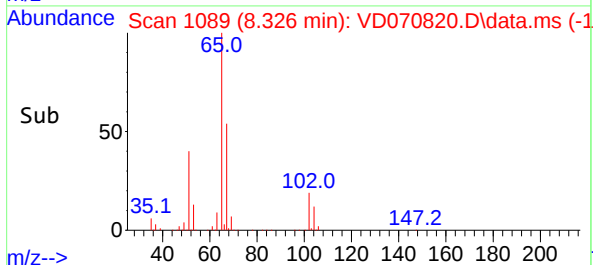
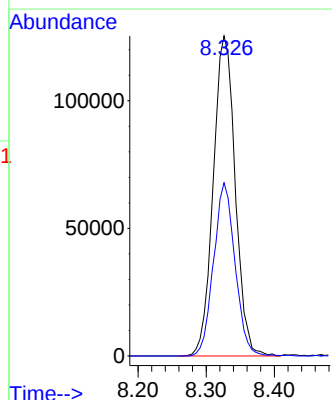
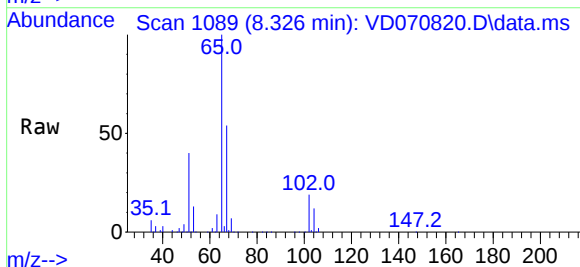
Instrument :
MSVOA_D
ClientSampleId :
L-1A

Tgt Ion:168 Resp: 451005
Ion Ratio Lower Upper
168 100
99 61.7 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 52.667 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070820.D
Acq: 22 Oct 2021 12:54

Tgt Ion: 65 Resp: 281340
Ion Ratio Lower Upper
65 100
67 52.8 0.0 110.2



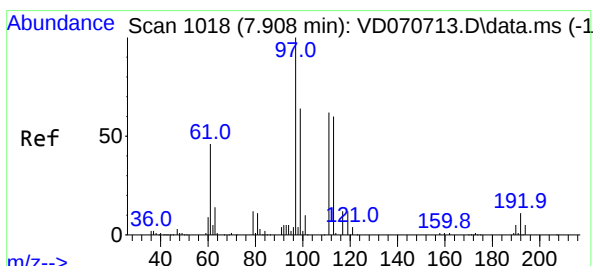
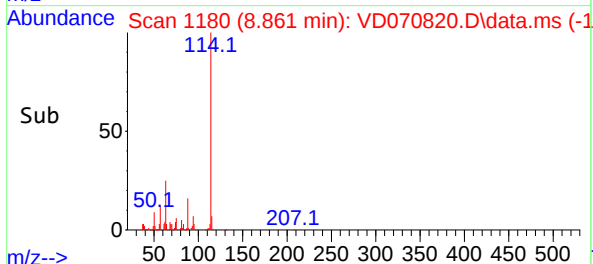
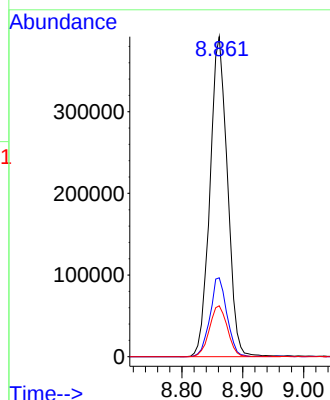
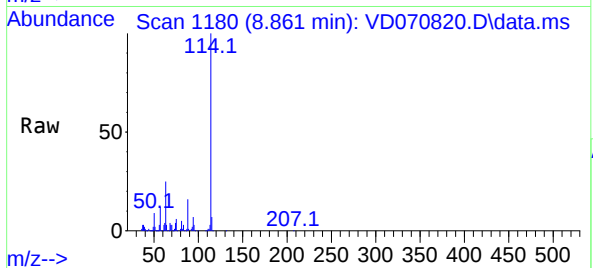


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070820.D
Acq: 22 Oct 2021 12:54

Instrument :
MSVOA_D
ClientSampled :
L-1A

Tgt Ion:114 Resp: 780826

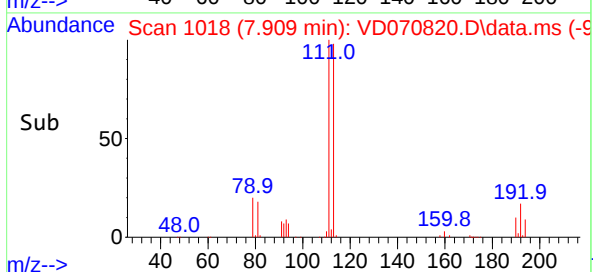
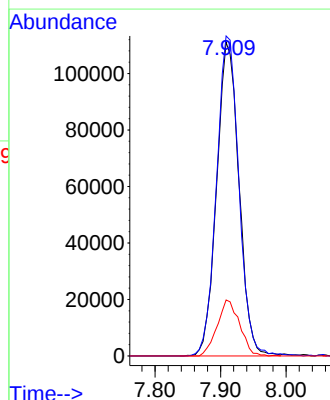
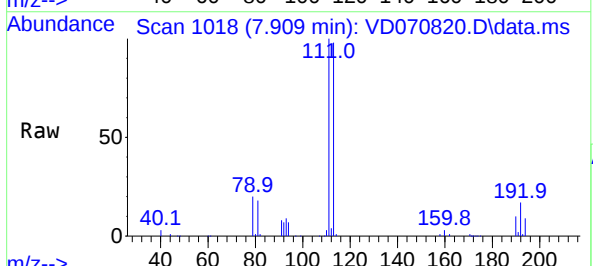
Ion	Ratio	Lower	Upper
114	100		
63	24.6	0.0	41.8
88	15.9	0.0	32.6

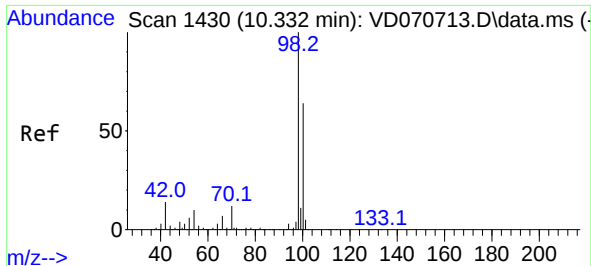


#35
Dibromofluoromethane
Concen: 52.426 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD070820.D
Acq: 22 Oct 2021 12:54

Tgt Ion:113 Resp: 262115

Ion	Ratio	Lower	Upper
113	100		
111	102.5	83.1	124.7
192	18.0	12.7	19.1

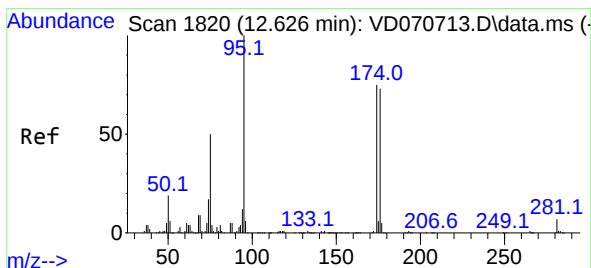
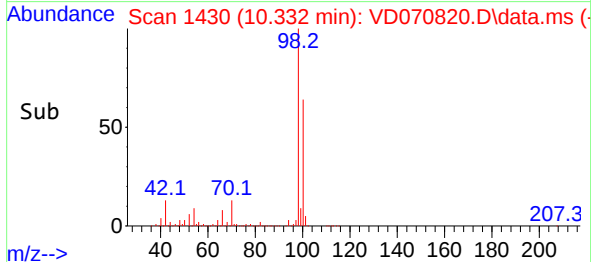
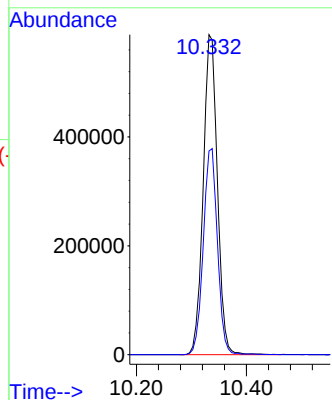
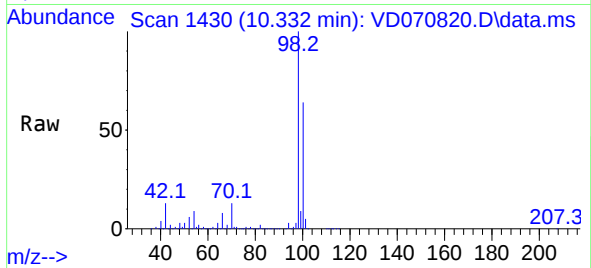




#50
Toluene-d8
Concen: 54.912 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070820.D
Acq: 22 Oct 2021 12:54

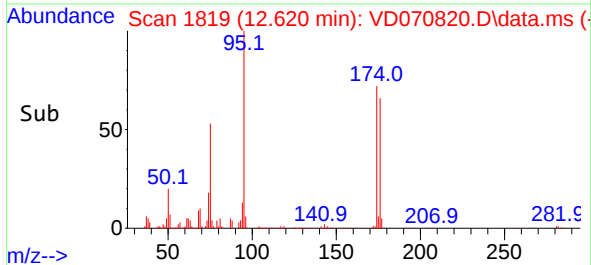
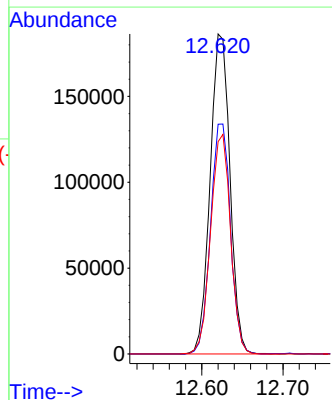
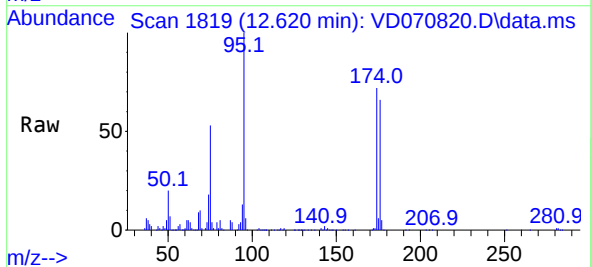
Instrument :
MSVOA_D
ClientSampled :
L-1A

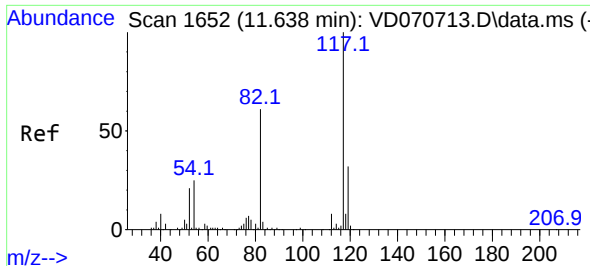
Tgt Ion: 98 Resp: 1052408
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.887 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070820.D
Acq: 22 Oct 2021 12:54

Tgt Ion: 95 Resp: 316019
Ion Ratio Lower Upper
95 100
174 72.3 0.0 138.0
176 68.8 0.0 135.6

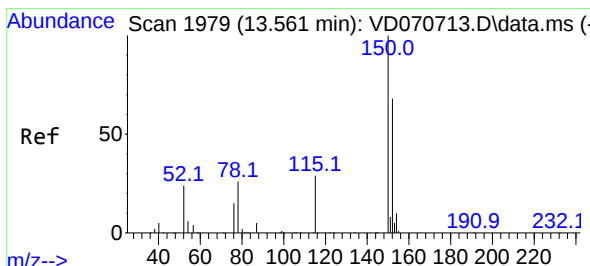
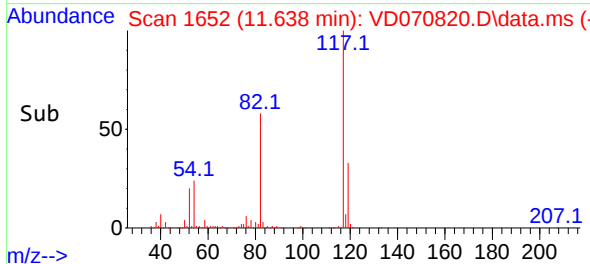
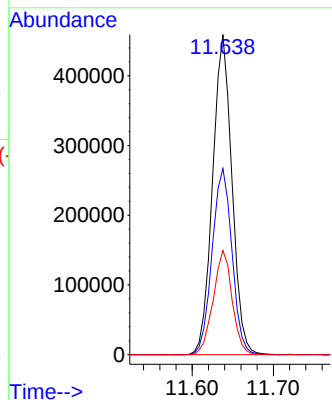
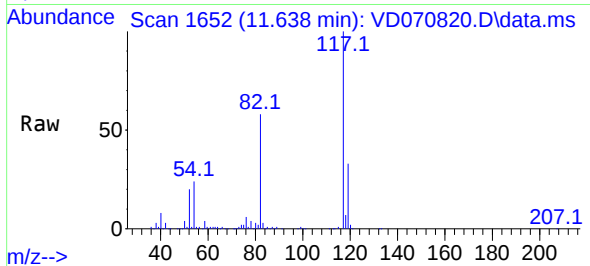




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070820.D
Acq: 22 Oct 2021 12:54

Instrument :
MSVOA_D
ClientSampleId :
L-1A

Tgt Ion:117 Resp: 760626
Ion Ratio Lower Upper
117 100
82 58.1 45.4 68.2
119 32.6 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: VD070820.D
Acq: 22 Oct 2021 12:54

Tgt Ion:152 Resp: 297890
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.7
150 155.9 0.0 350.0

