

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021722\
 Data File : VD072012.D
 Acq On : 17 Feb 2022 14:32
 Operator : VA/SY
 Sample : N1579-04
 Misc : 5.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6-(6.5-7.0)

Quant Time: Feb 18 06:37:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	240320	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	468447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	425875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	169979	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	169341	55.750	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.500%
35) Dibromofluoromethane	7.908	113	152906	49.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.320%
50) Toluene-d8	10.332	98	614053	53.396	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.800%
62) 4-Bromofluorobenzene	12.620	95	201101	50.076	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.160%

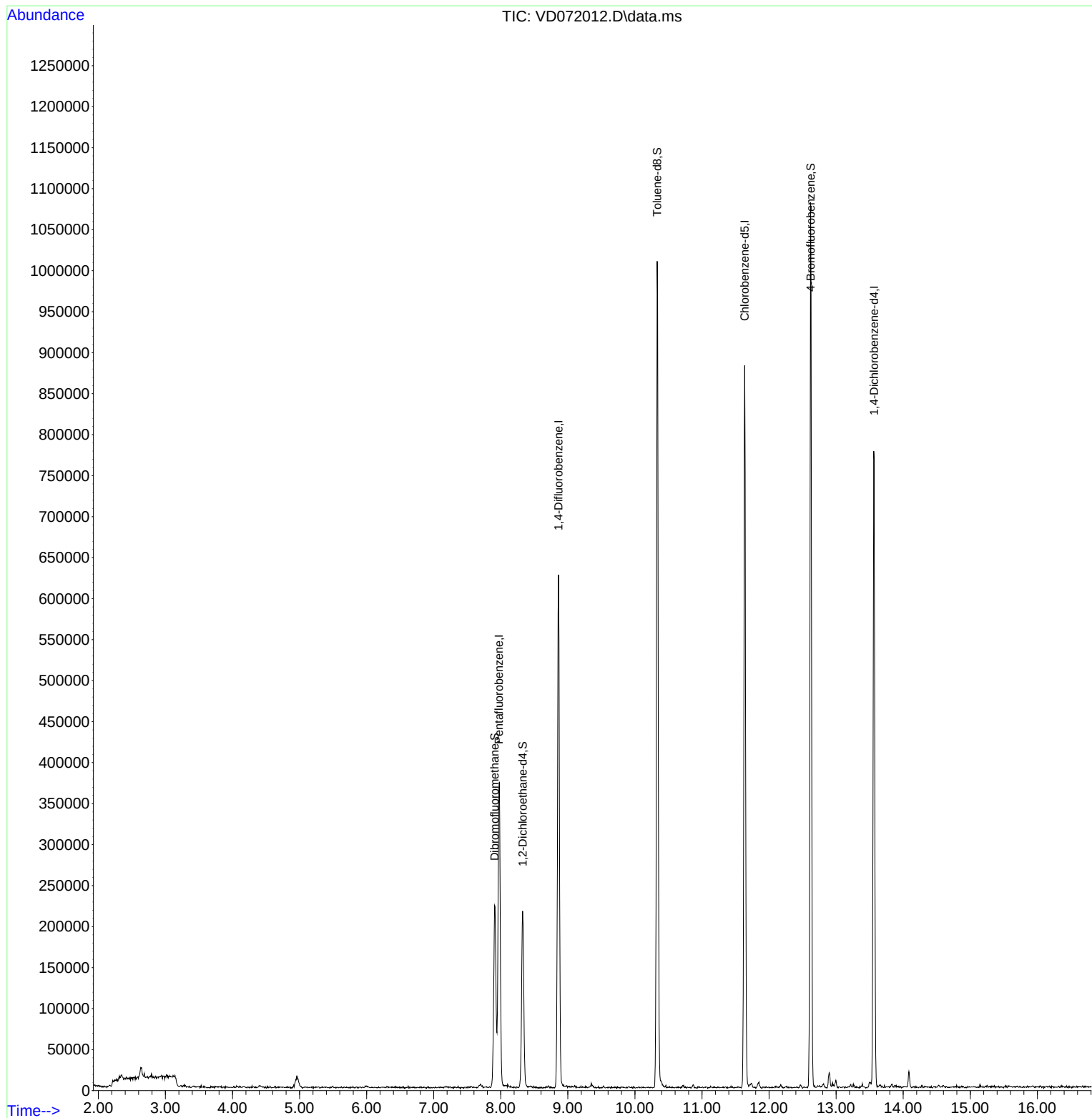
Target Compounds	Qvalue

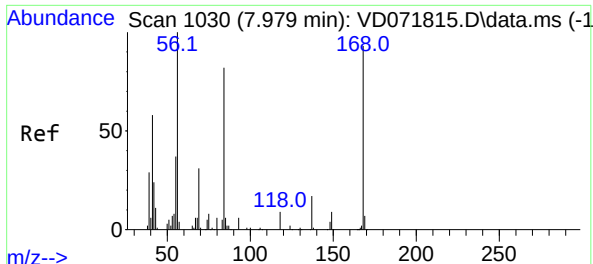
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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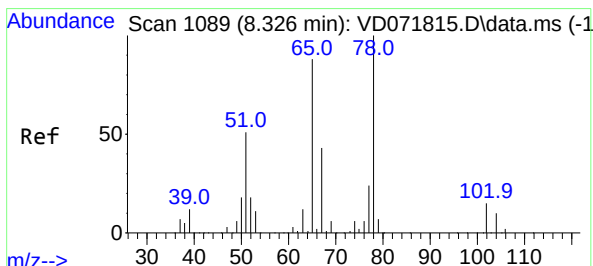
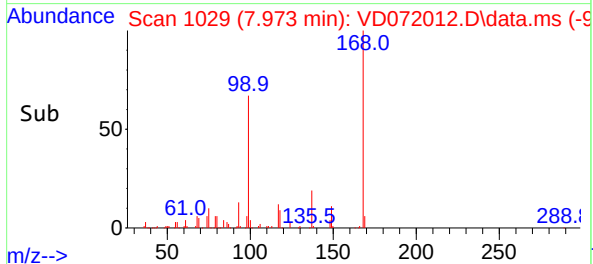
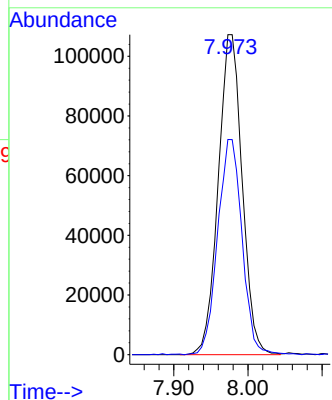
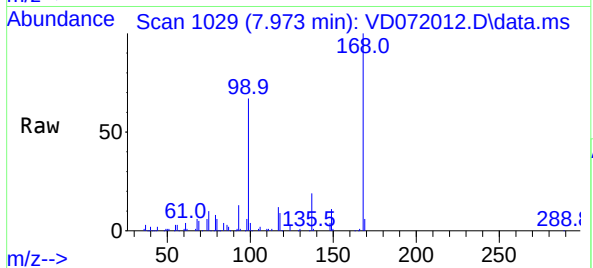




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

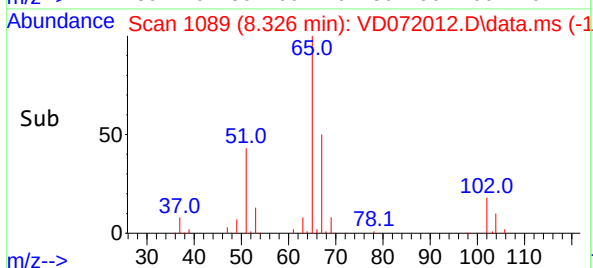
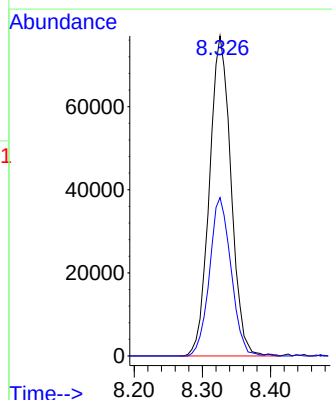
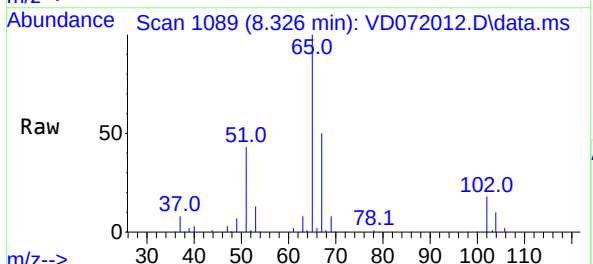
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(6.5-7.0)

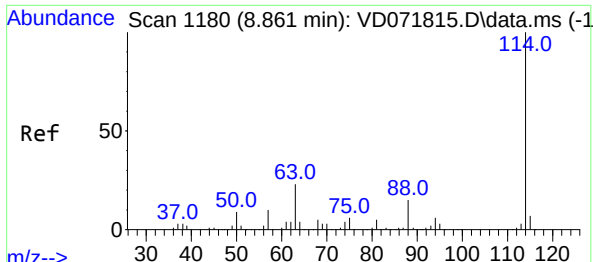
Tgt Ion:168 Resp: 240320
Ion Ratio Lower Upper
168 100
99 67.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 55.750 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Tgt Ion: 65 Resp: 169341
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.4

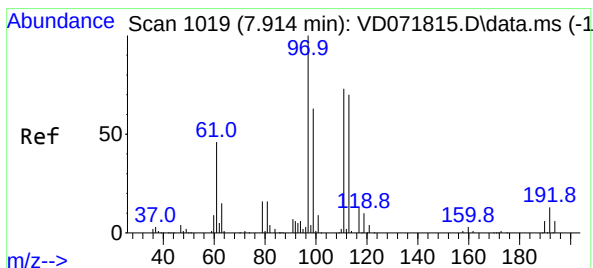
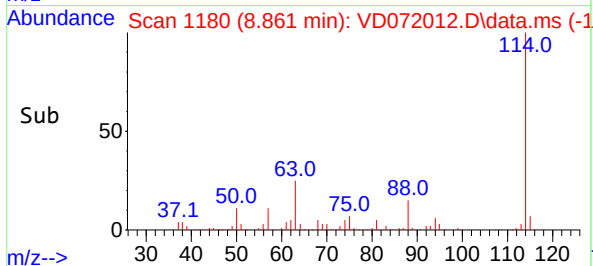
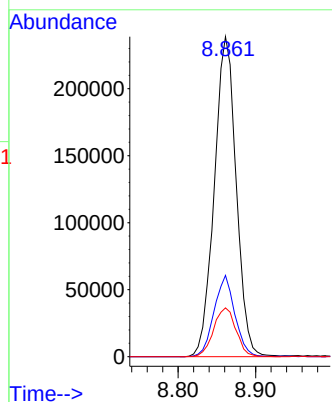
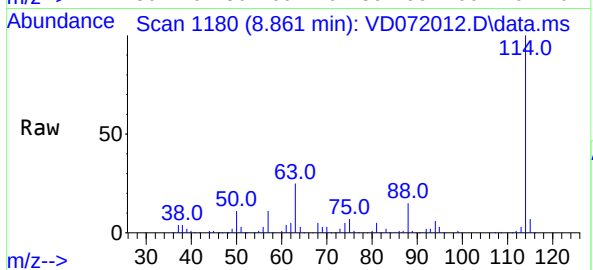




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

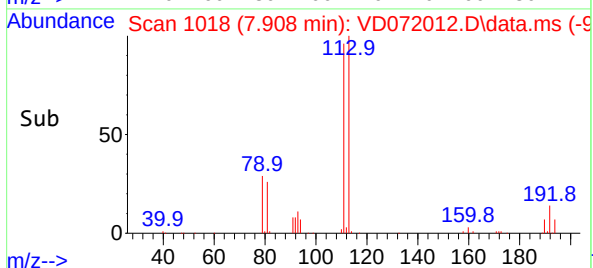
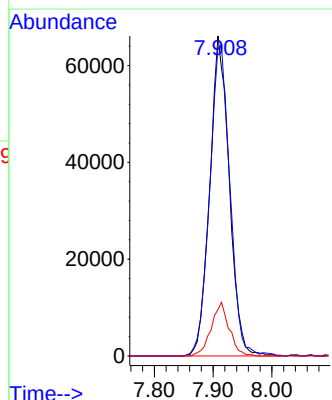
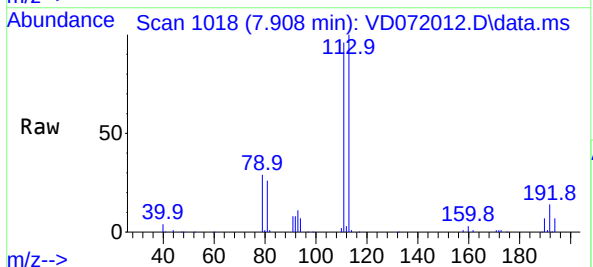
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(6.5-7.0)

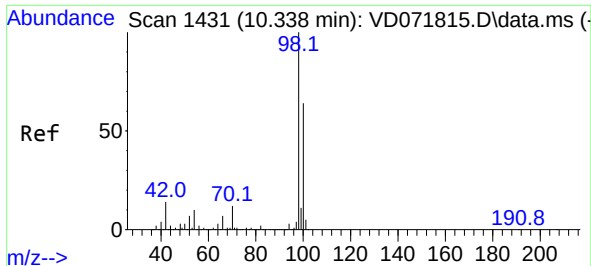
Tgt Ion:114 Resp: 468447
Ion Ratio Lower Upper
114 100
63 25.4 0.0 46.6
88 15.3 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.657 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Tgt Ion:113 Resp: 152906
Ion Ratio Lower Upper
113 100
111 100.3 83.8 125.6
192 15.4 14.6 21.8

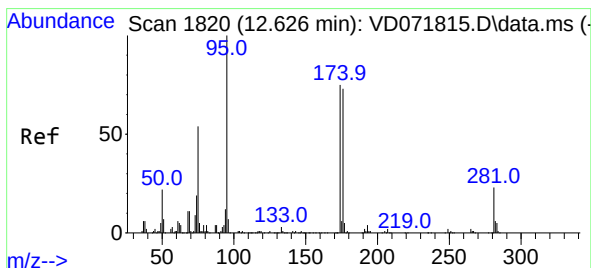
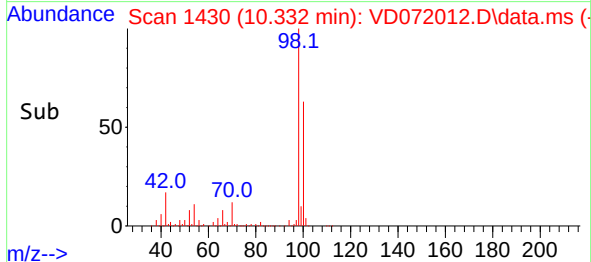
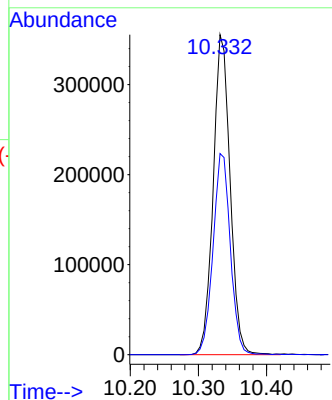
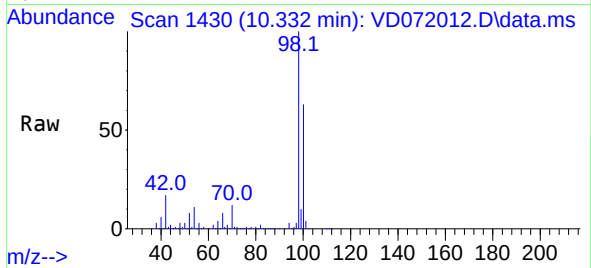




#50
Toluene-d8
Concen: 53.396 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

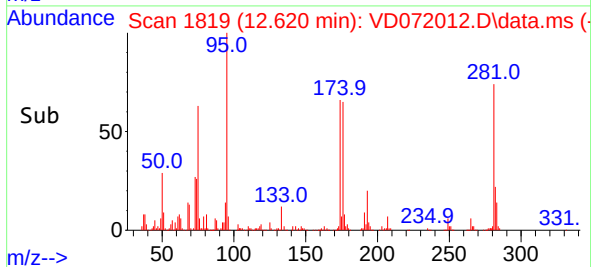
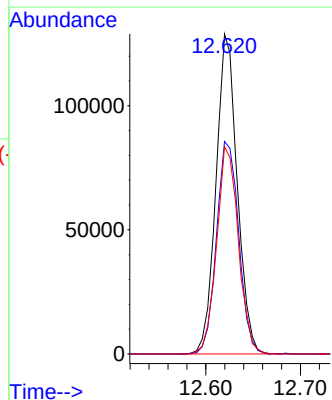
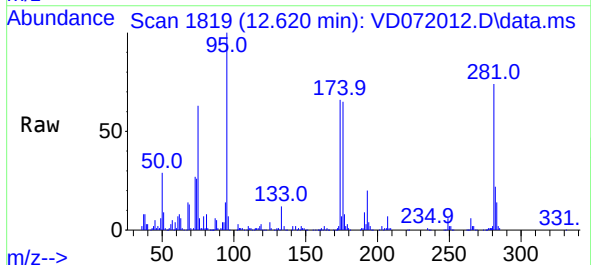
Instrument :
MSVOA_D
ClientSampleId :
SB-6-(6.5-7.0)

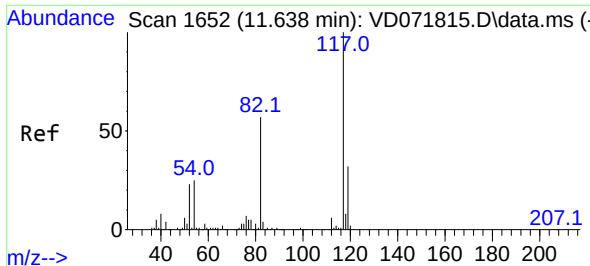
Tgt Ion: 98 Resp: 614053
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.076 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Tgt Ion: 95 Resp: 201101
Ion Ratio Lower Upper
95 100
174 69.6 0.0 152.8
176 66.2 0.0 145.4

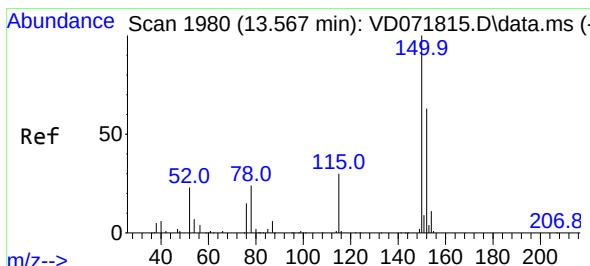
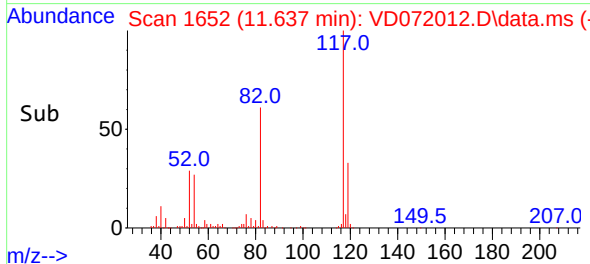
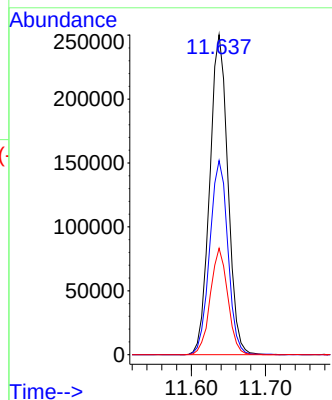
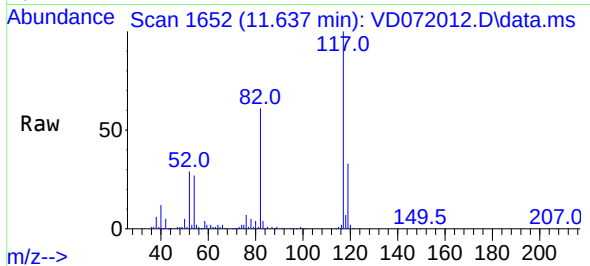




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Instrument :
MSVOA_D
ClientSampleId :
SB-6-(6.5-7.0)

Tgt Ion:117 Resp: 425875
Ion Ratio Lower Upper
117 100
82 60.7 45.3 67.9
119 33.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072012.D
Acq: 17 Feb 2022 14:32

Tgt Ion:152 Resp: 169979
Ion Ratio Lower Upper
152 100
115 63.3 31.3 93.8
150 160.0 0.0 348.6

