

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120621\
 Data File : VD071170.D
 Acq On : 06 Dec 2021 16:24
 Operator : VA/SY
 Sample : M4954-04
 Misc : 6.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(2.0-2.5)

Quant Time: Dec 07 06:52:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	39604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	65999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	78484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	39225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	32222	69.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.680%
35) Dibromofluoromethane	7.908	113	24458	58.195	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.400%
50) Toluene-d8	10.338	98	88249	55.178	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.360%
62) 4-Bromofluorobenzene	12.620	95	36670	66.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	132.280%

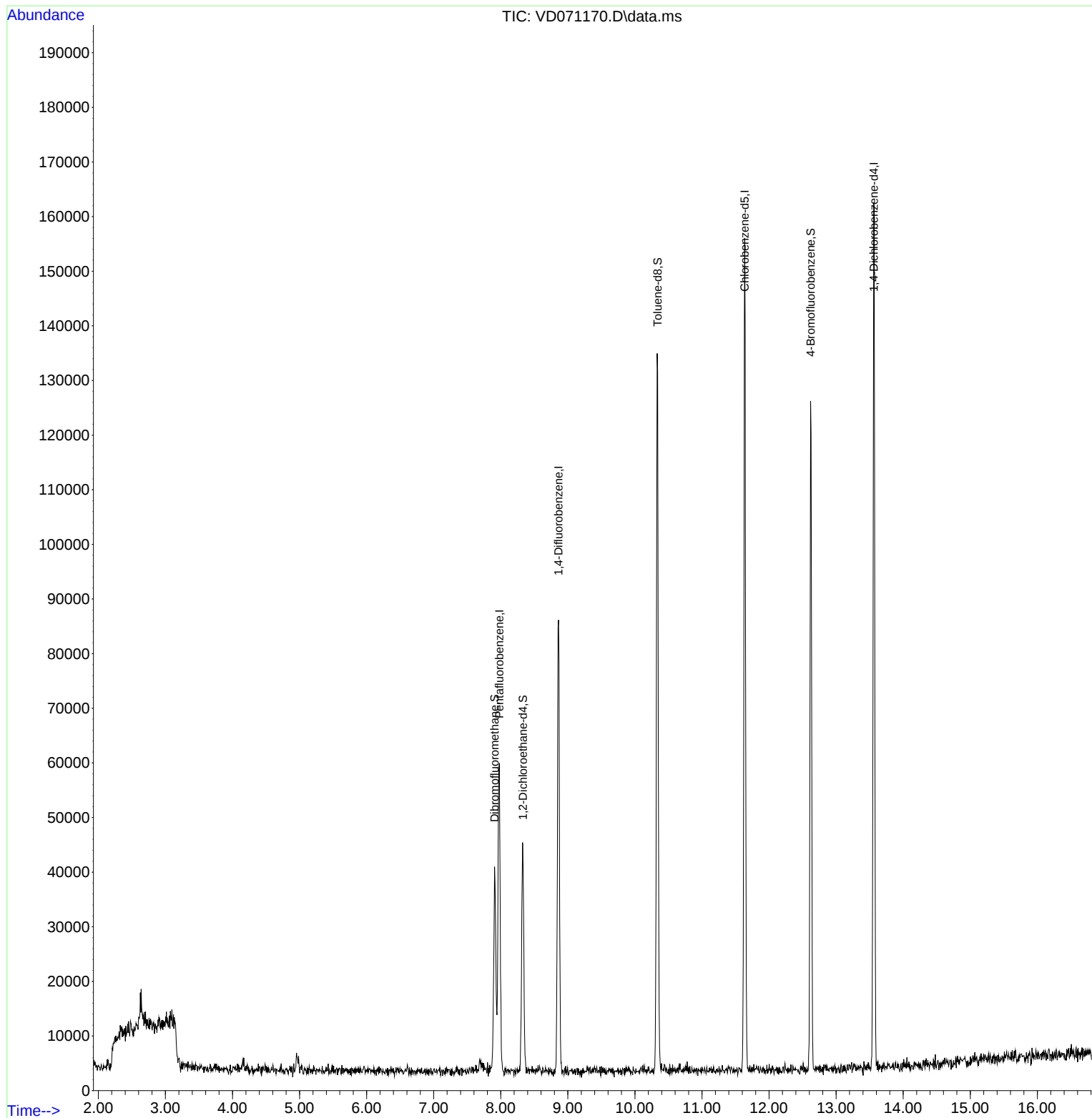
Target Compounds	Qvalue

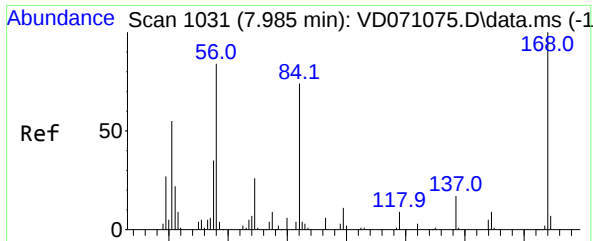
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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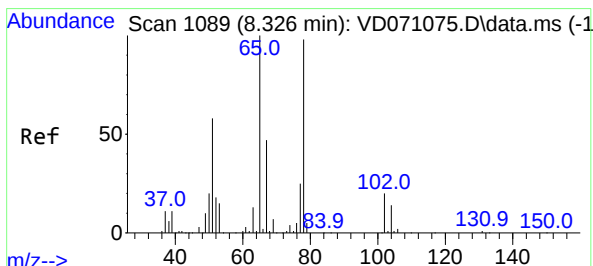
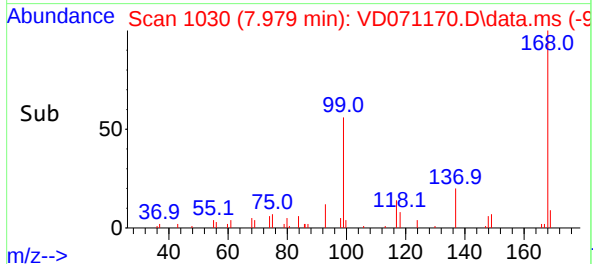
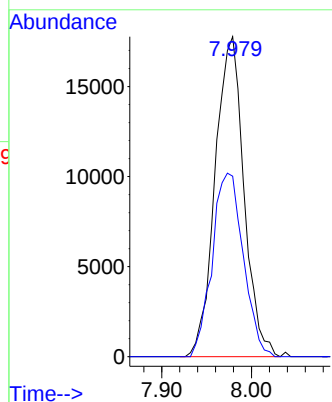
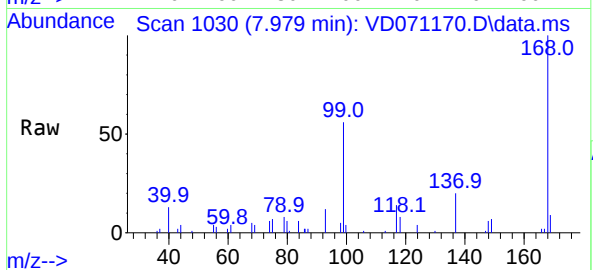




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD071170.D
Acq: 06 Dec 2021 16:24

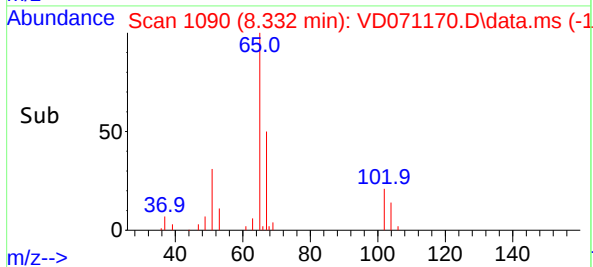
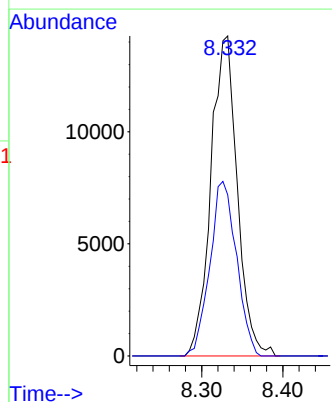
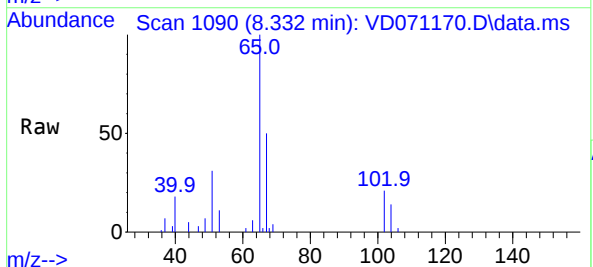
Instrument :
MSVOA_D
ClientSampleId :
SB-4(2.0-2.5)

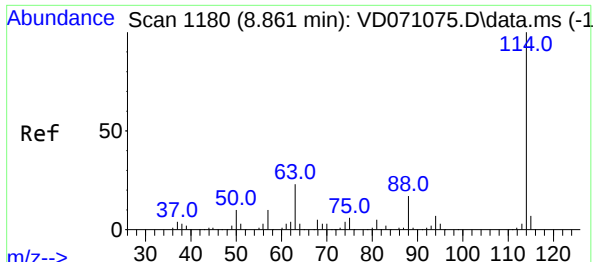
Tgt Ion:168 Resp: 39604
Ion Ratio Lower Upper
168 100
99 56.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 69.338 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071170.D
Acq: 06 Dec 2021 16:24

Tgt Ion: 65 Resp: 32222
Ion Ratio Lower Upper
65 100
67 55.0 0.0 112.2



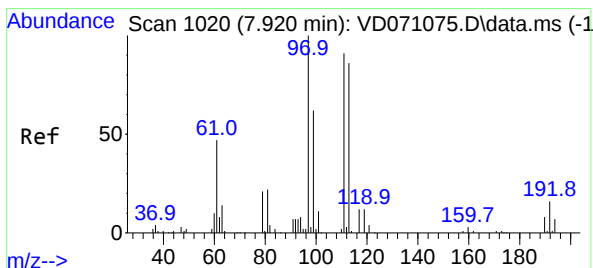
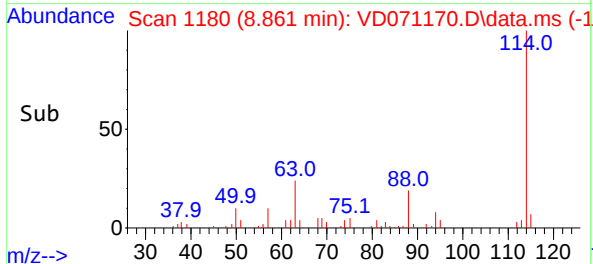
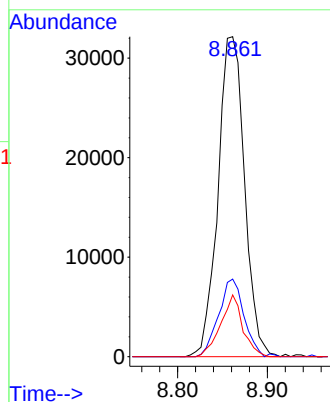
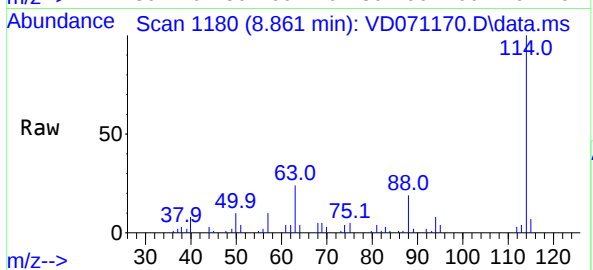


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071170.D
Acq: 06 Dec 2021 16:24

Instrument :
MSVOA_D
ClientSampleId :
SB-4(2.0-2.5)

Tgt Ion:114 Resp: 65999

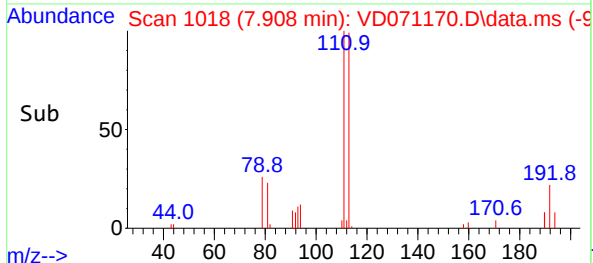
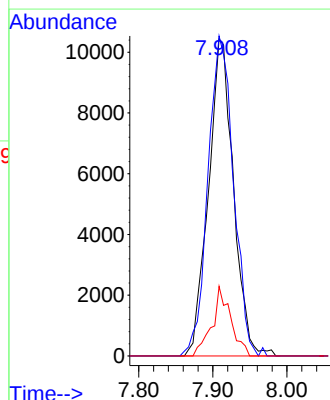
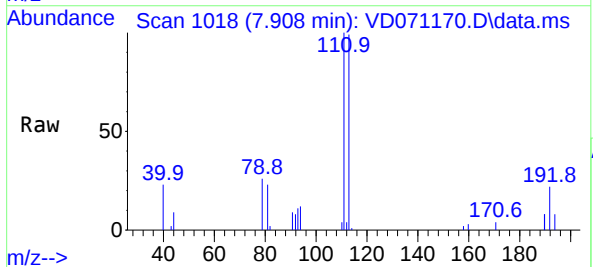
Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	41.8
88	19.3	0.0	32.8

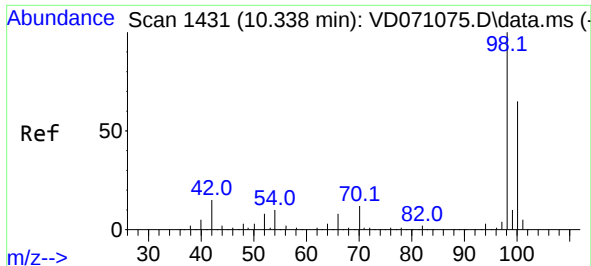


#35
Dibromofluoromethane
Concen: 58.195 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.012 min
Lab File: VD071170.D
Acq: 06 Dec 2021 16:24

Tgt Ion:113 Resp: 24458

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.0	123.0
192	16.4	15.2	22.8

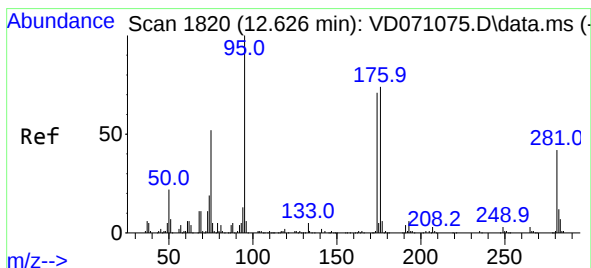
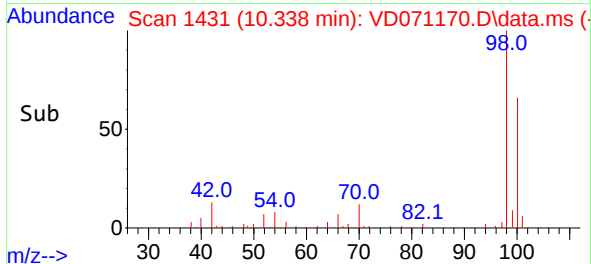
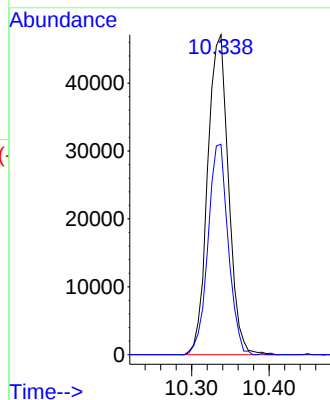
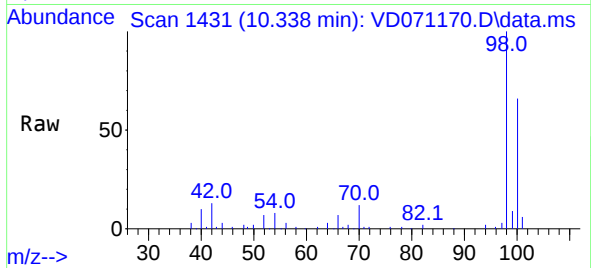




#50
Toluene-d8
Concen: 55.178 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071170.D
Acq: 06 Dec 2021 16:24

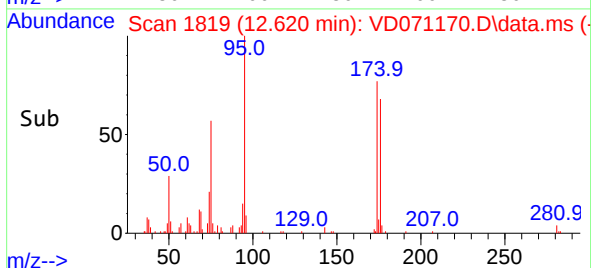
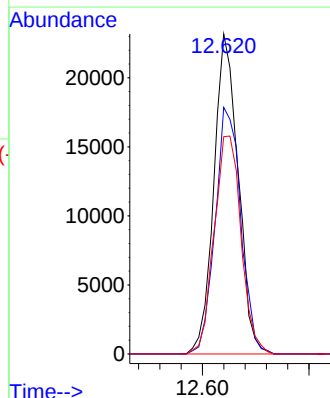
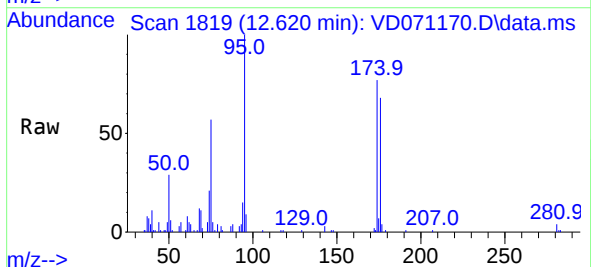
Instrument :
MSVOA_D
ClientSampleId :
SB-4(2.0-2.5)

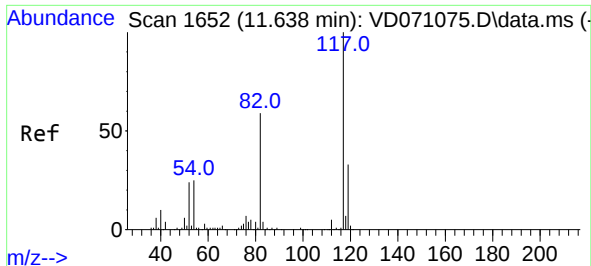
Tgt Ion: 98 Resp: 88249
Ion Ratio Lower Upper
98 100
100 63.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.144 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071170.D
Acq: 06 Dec 2021 16:24

Tgt Ion: 95 Resp: 36670
Ion Ratio Lower Upper
95 100
174 81.4 0.0 159.4
176 75.5 0.0 154.0

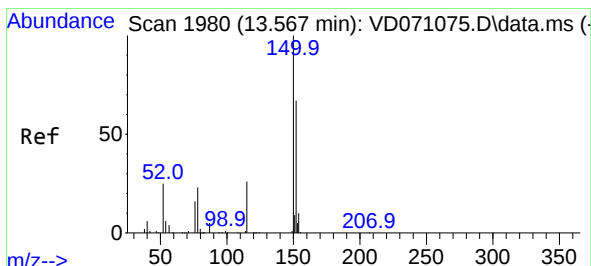
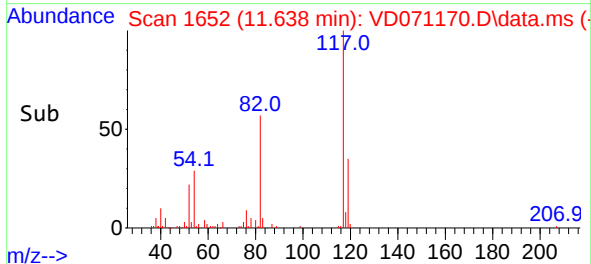
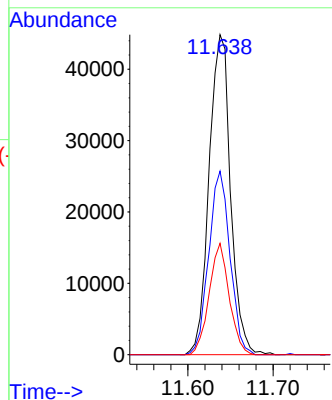
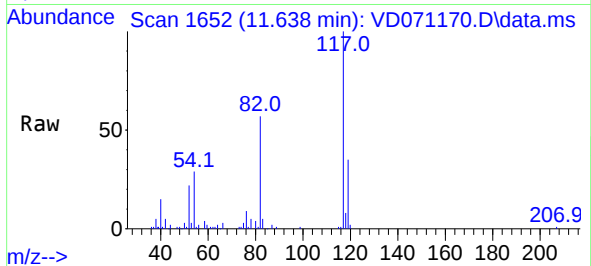




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071170.D
Acq: 06 Dec 2021 16:24

Instrument :
MSVOA_D
ClientSampleId :
SB-4(2.0-2.5)

Tgt Ion:117 Resp: 78484
Ion Ratio Lower Upper
117 100
82 57.3 44.7 67.1
119 34.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071170.D
Acq: 06 Dec 2021 16:24

Tgt Ion:152 Resp: 39225
Ion Ratio Lower Upper
152 100
115 58.9 29.8 89.3
150 156.5 0.0 349.2

