

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070128.D
 Acq On : 18 Aug 2021 15:23
 Operator : VA/SY
 Sample : M3435-05
 Misc : 3.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-21-0002

Quant Time: Aug 19 07:31:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	458420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	892887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	772743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	219797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	321722	59.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.340%
35) Dibromofluoromethane	7.908	113	309477	53.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.300%
50) Toluene-d8	10.338	98	1122045	50.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.020%
62) 4-Bromofluorobenzene	12.620	95	276201	37.374	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.740%

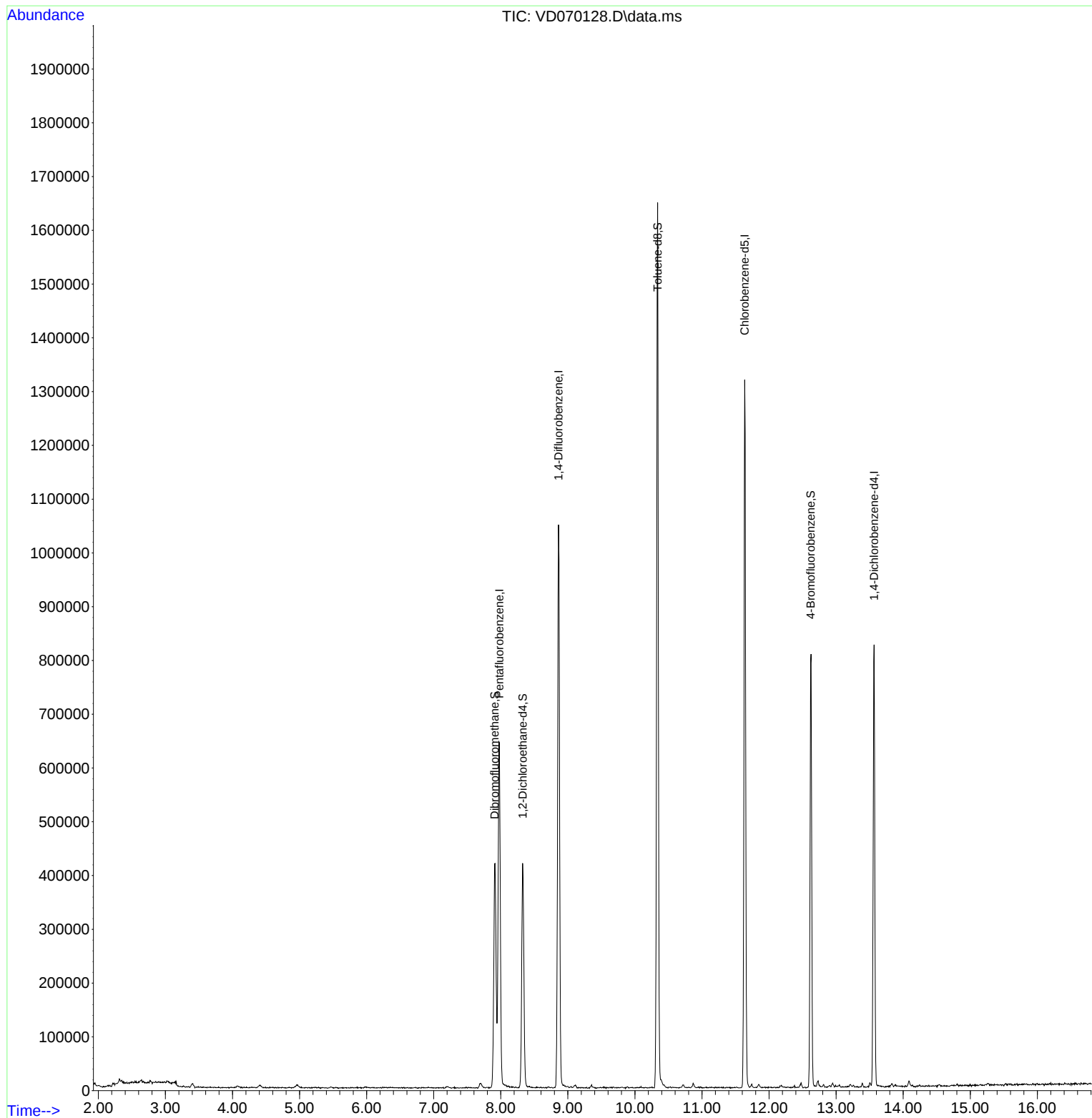
Target Compounds	Qvalue

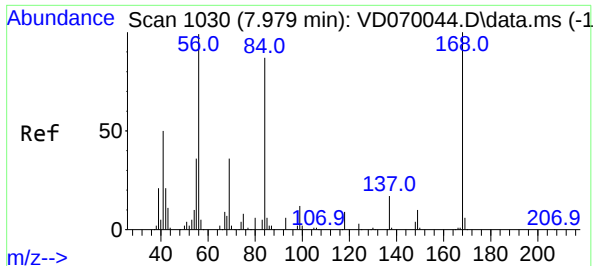
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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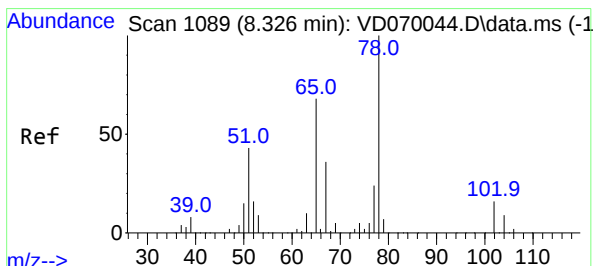
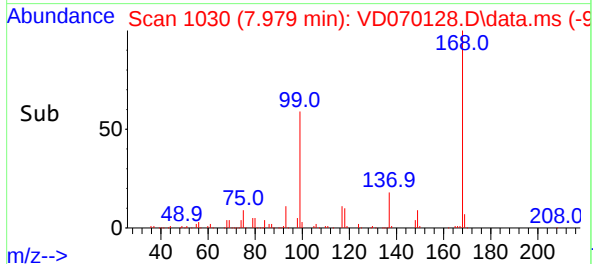
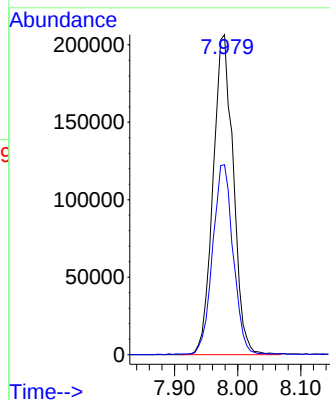
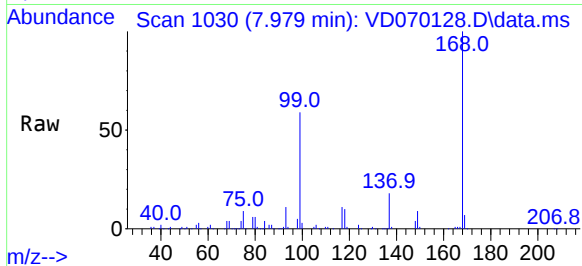




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

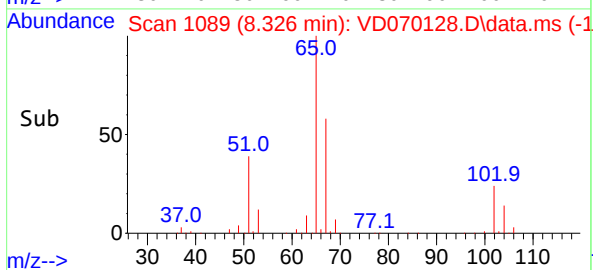
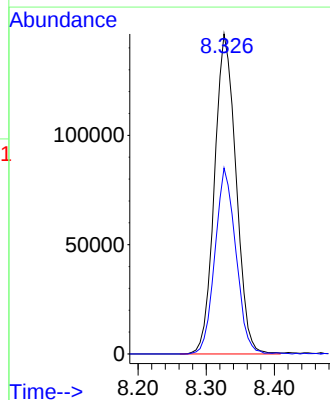
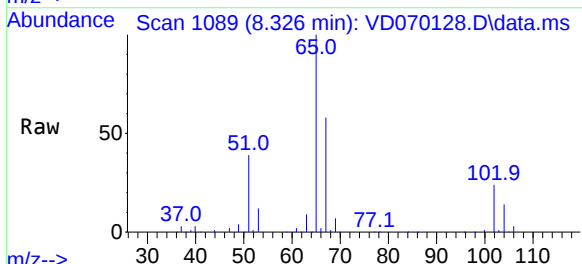
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

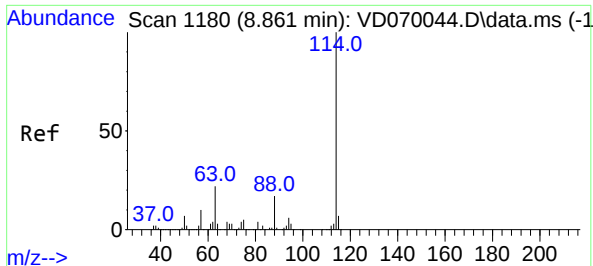
Tgt Ion:168 Resp: 458420
Ion Ratio Lower Upper
168 100
99 59.1 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 59.669 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion: 65 Resp: 321722
Ion Ratio Lower Upper
65 100
67 56.5 0.0 107.8



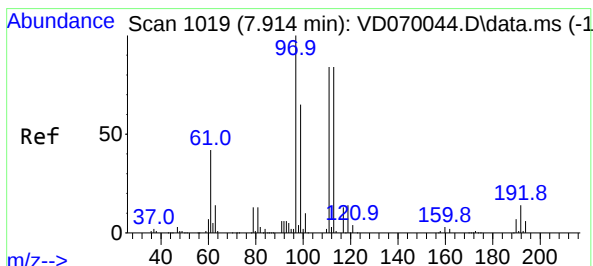
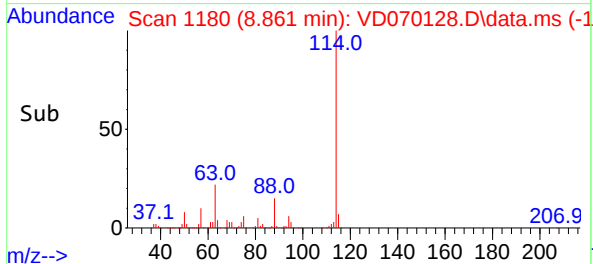
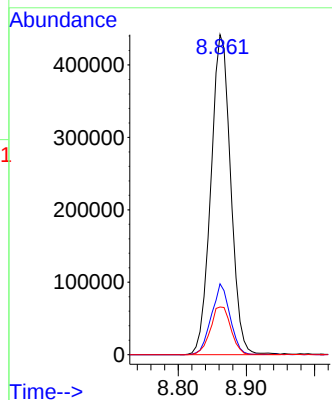
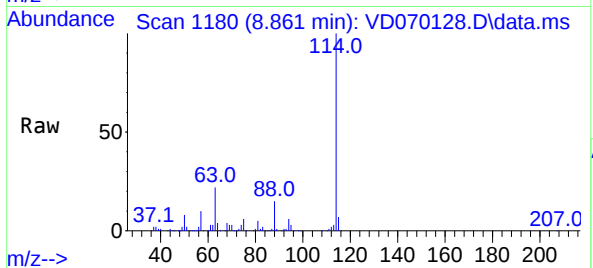


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Instrument :
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SWCS-21-0002

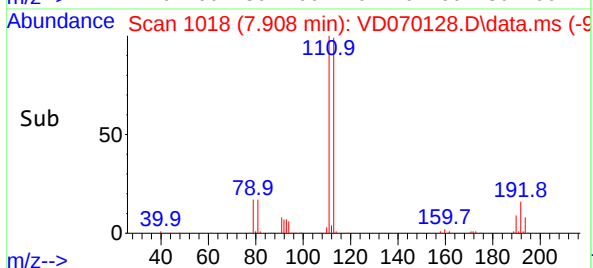
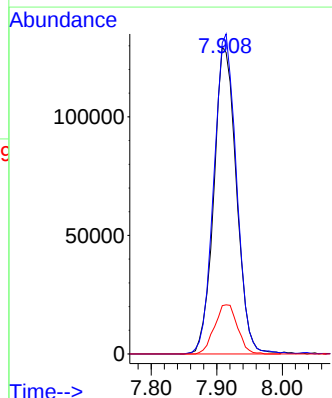
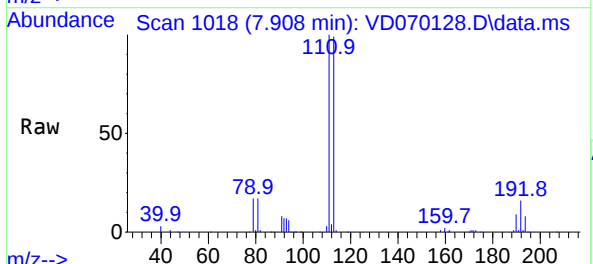
Tgt Ion:114 Resp: 892887
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.6
88 14.9 0.0 33.4

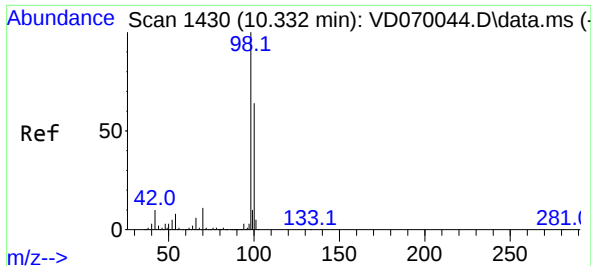


#35

Dibromofluoromethane
Concen: 53.648 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion:113 Resp: 309477
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.6
192 16.3 13.2 19.8

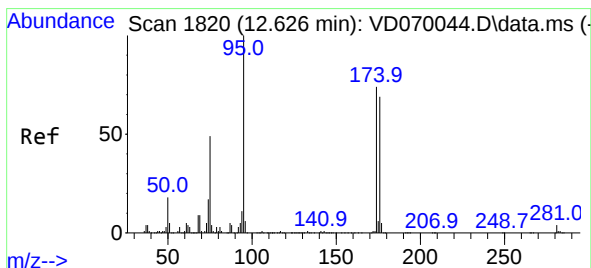
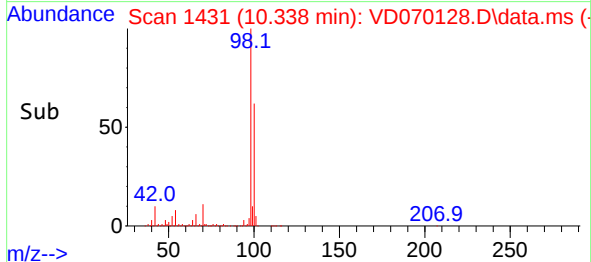
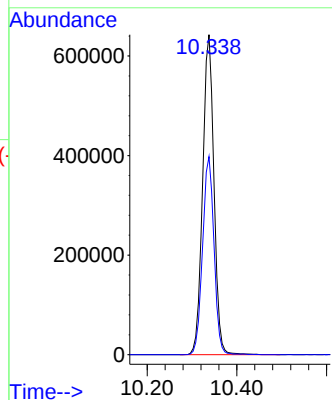
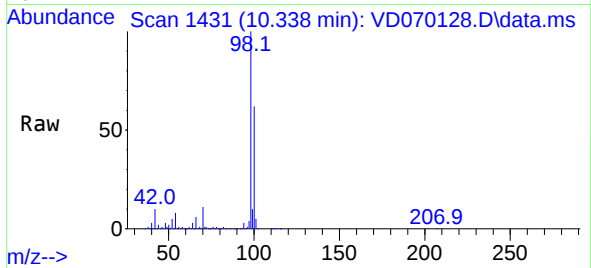




#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

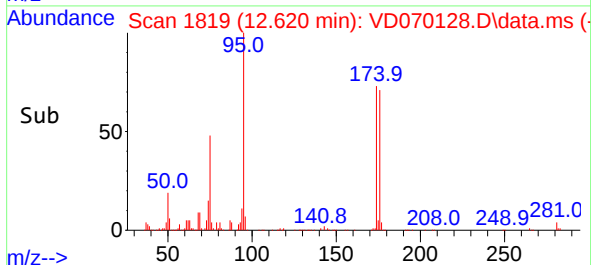
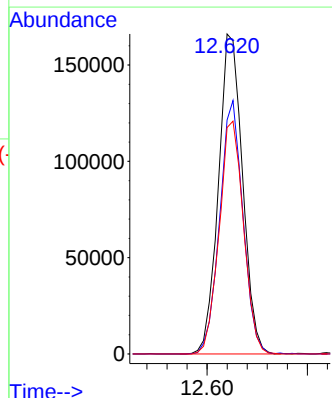
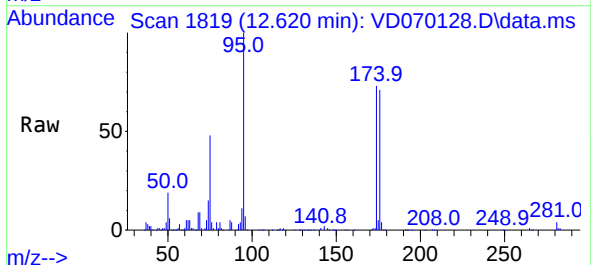
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

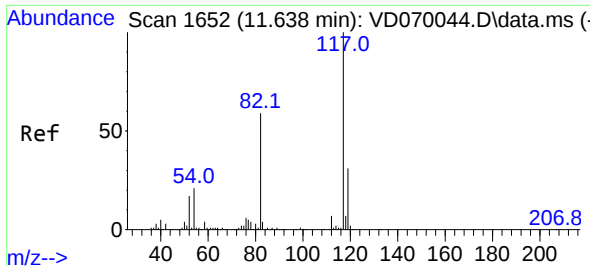
Tgt Ion: 98 Resp: 1122045
Ion Ratio Lower Upper
98 100
100 62.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 37.374 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion: 95 Resp: 276201
Ion Ratio Lower Upper
95 100
174 76.4 0.0 141.6
176 73.2 0.0 138.2

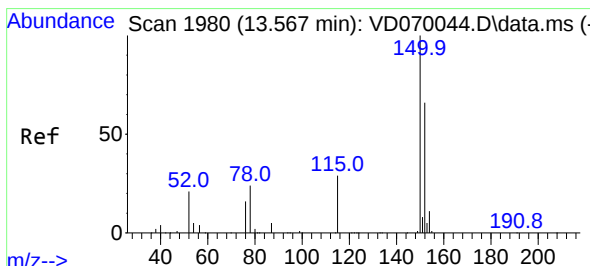
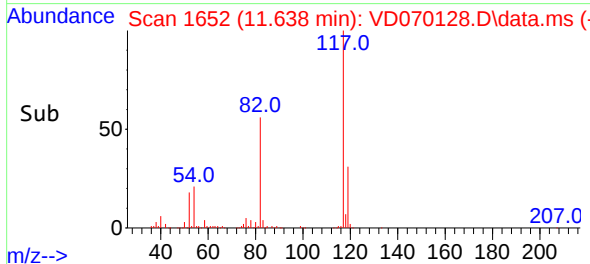
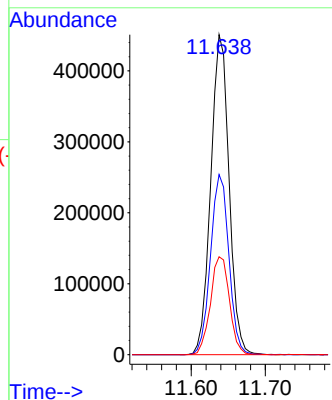
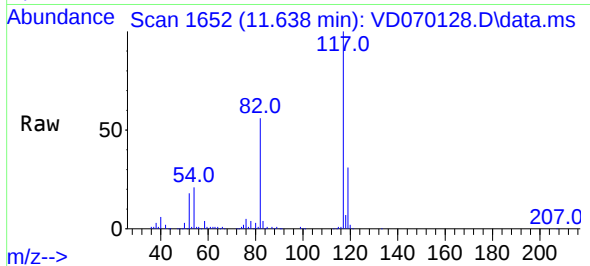




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

Tgt Ion:117 Resp: 772743
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 30.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion:152 Resp: 219797
Ion Ratio Lower Upper
152 100
115 62.7 31.2 93.6
150 160.3 0.0 352.0

