

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070052.D
 Acq On : 13 Aug 2021 16:19
 Operator : VA/SY
 Sample : M3368-09
 Misc : 4.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-0205

Quant Time: Aug 14 02:51:05 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	283892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	665603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	145126	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	264316	79.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.320%
35) Dibromofluoromethane	7.914	113	247271	57.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.000%
50) Toluene-d8	10.338	98	732438	43.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.580%
62) 4-Bromofluorobenzene	12.626	95	169066	30.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.380%

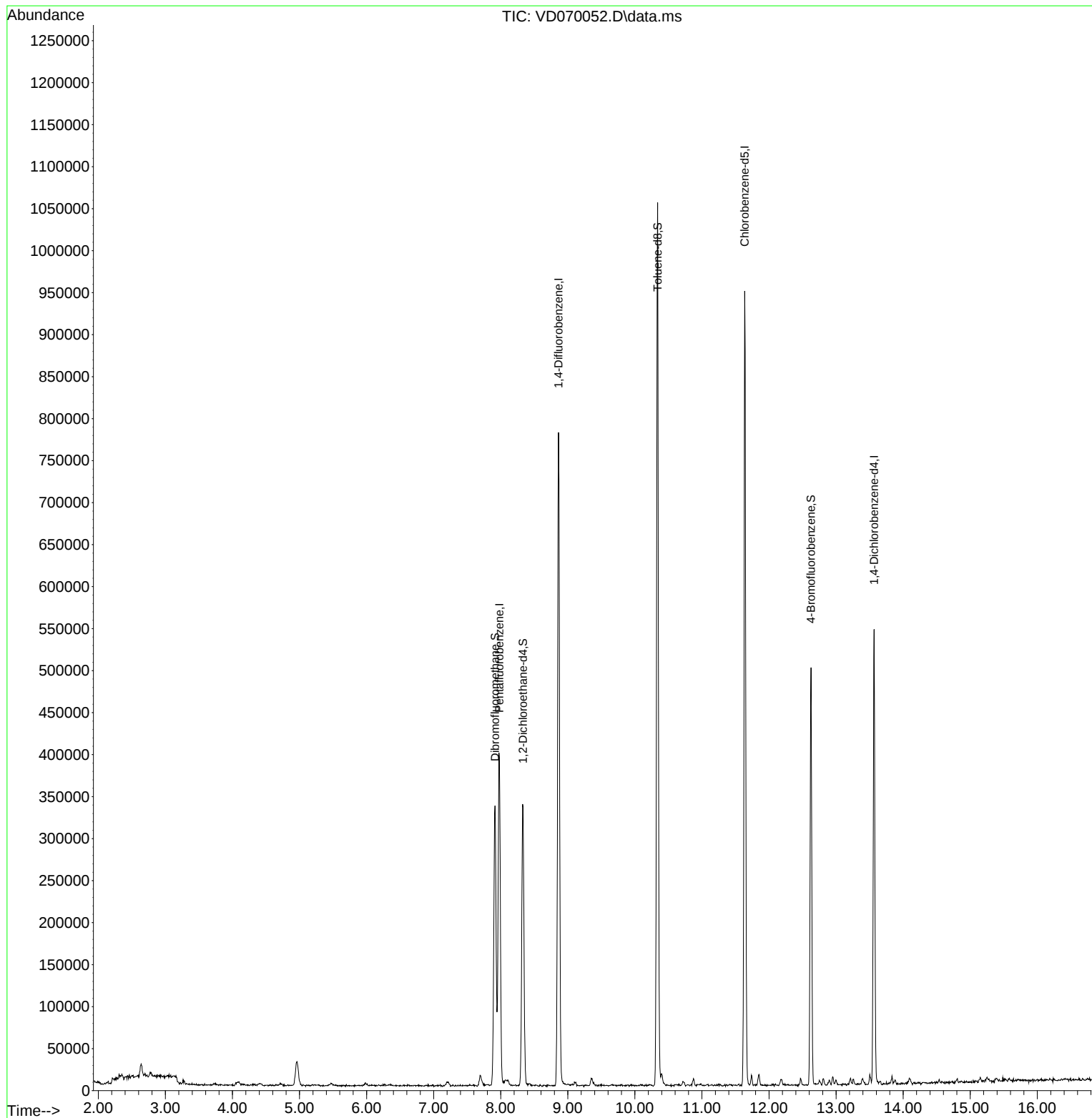
Target Compounds	Qvalue

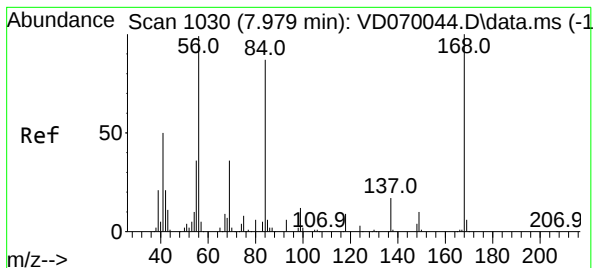
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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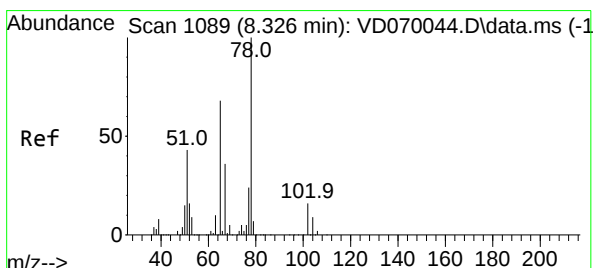
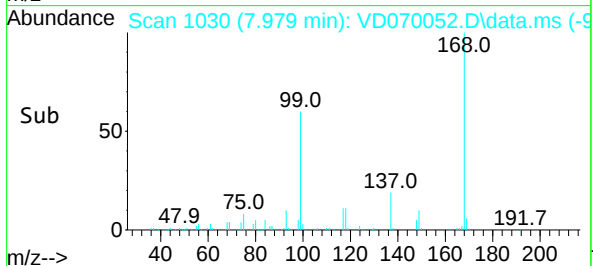
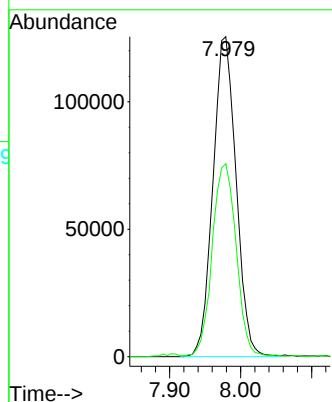
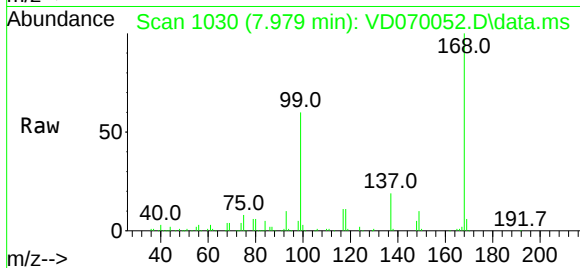




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

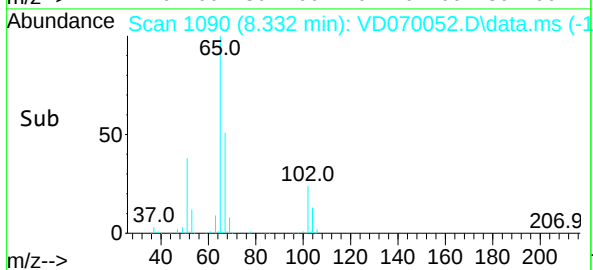
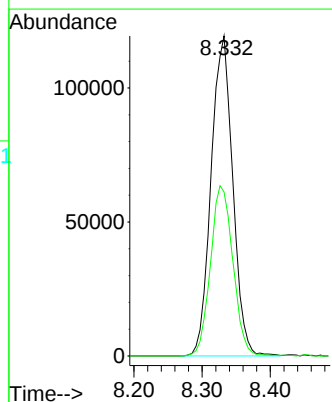
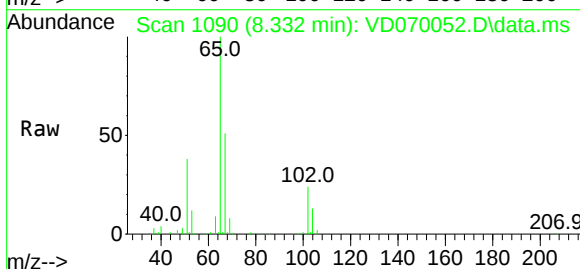
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

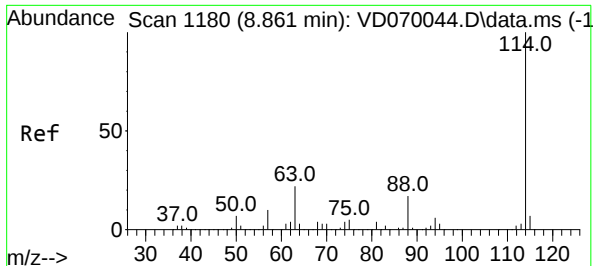
Tgt Ion:168 Resp: 283892
Ion Ratio Lower Upper
168 100
99 60.0 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 79.160 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion: 65 Resp: 264316
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.8

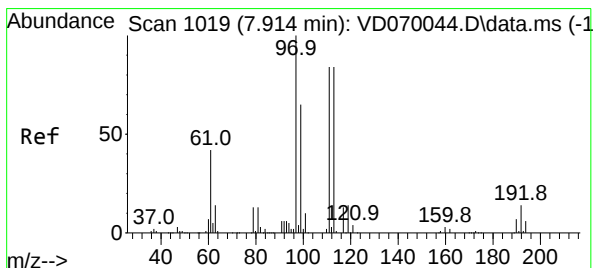
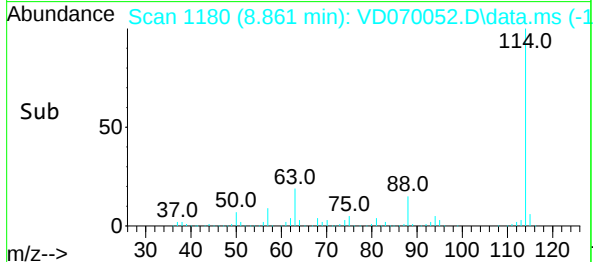
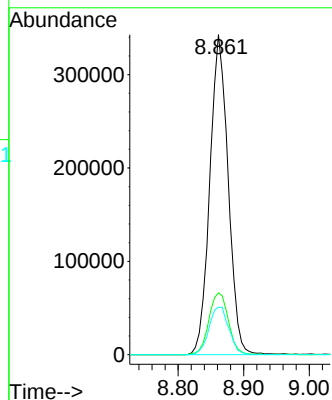
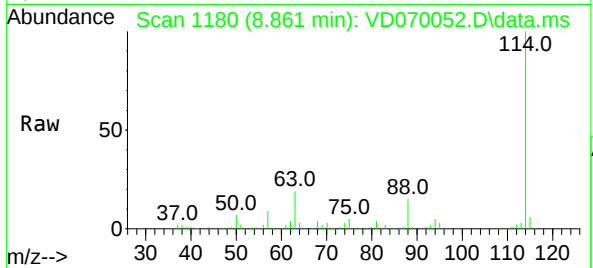




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

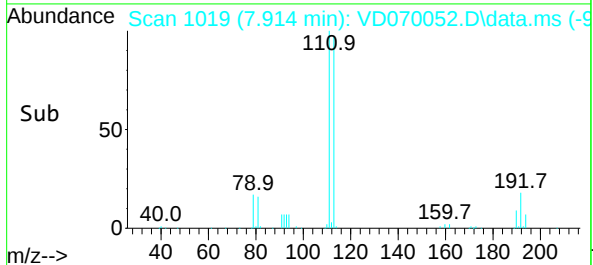
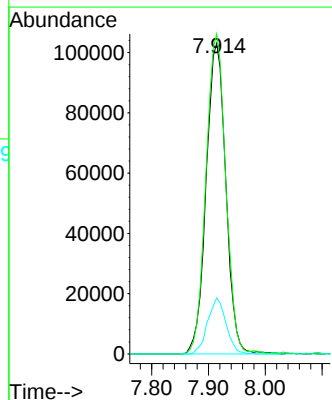
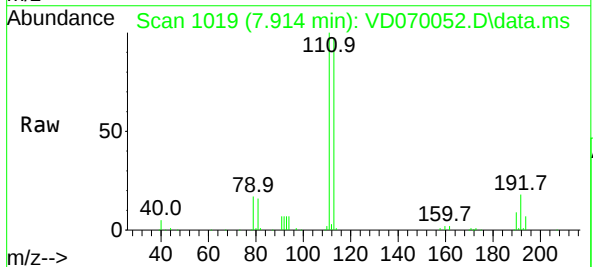
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

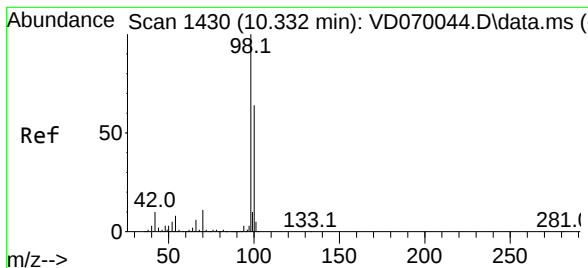
Tgt Ion:	114	Resp:	665603
Ion Ratio	Lower	Upper	
114	100		
63	19.3	0.0	43.6
88	14.9	0.0	33.4



#35
Dibromofluoromethane
Concen: 57.502 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion:	113	Resp:	247271
Ion Ratio	Lower	Upper	
113	100		
111	103.1	81.8	122.6
192	16.9	13.2	19.8

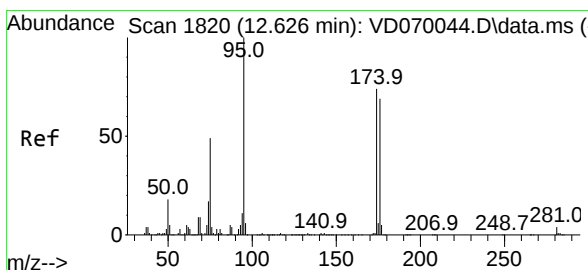
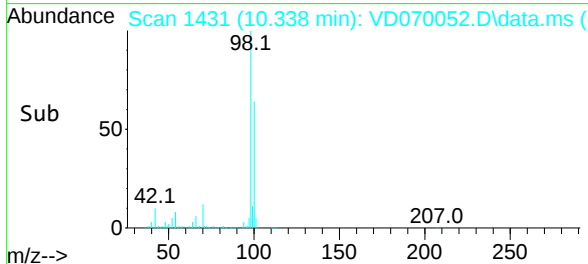
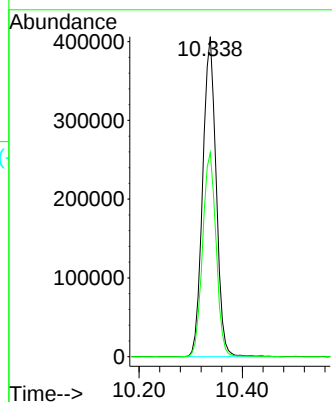
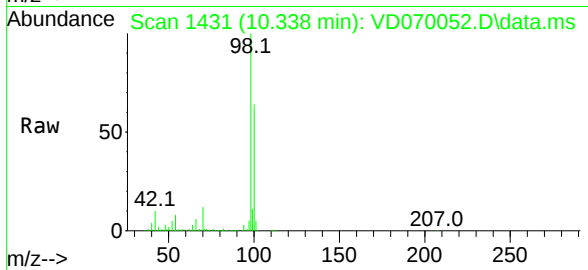




#50
Toluene-d8
Concen: 43.792 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

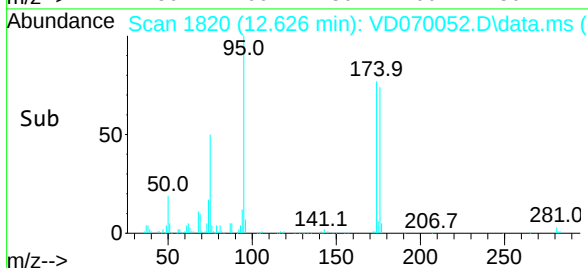
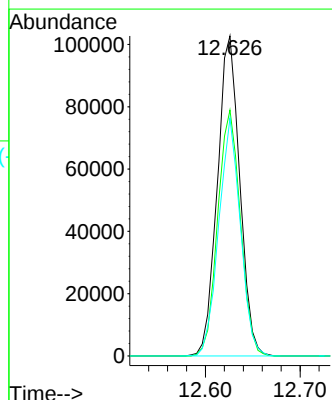
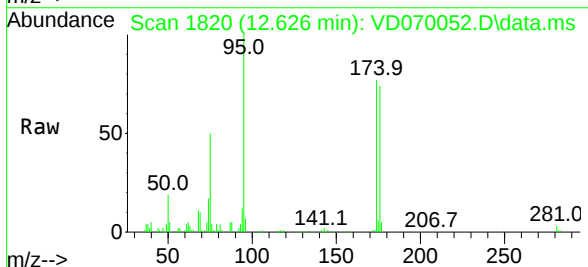
Instrument :
MSVOA_D
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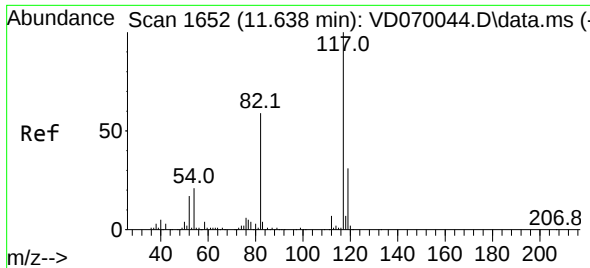
Tgt Ion: 98 Resp: 732438
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 30.689 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion: 95 Resp: 169066
Ion Ratio Lower Upper
95 100
174 77.4 0.0 141.6
176 71.6 0.0 138.2

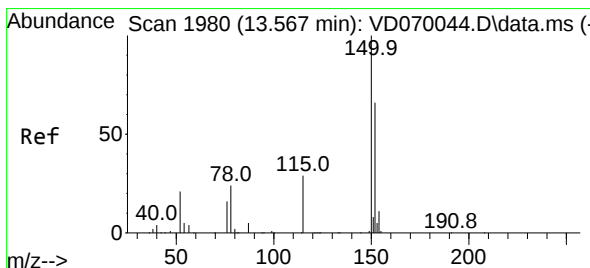
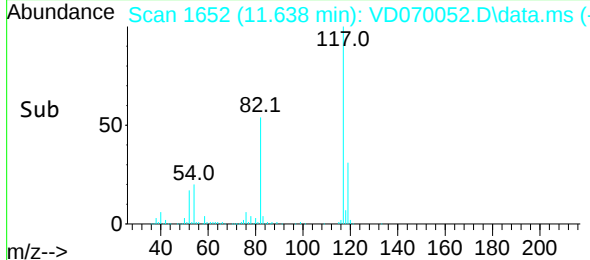
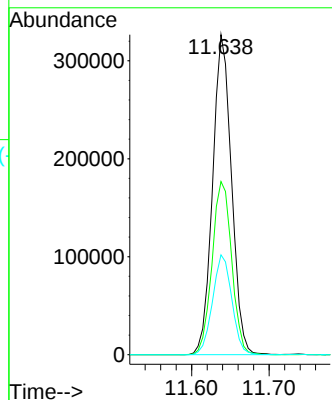
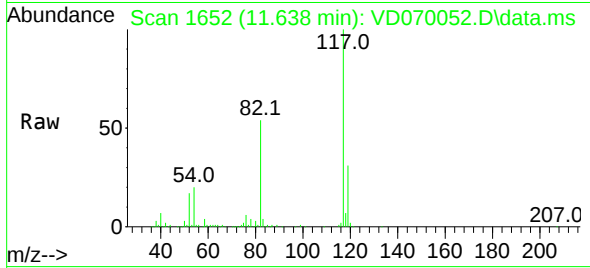




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

Tgt Ion:117 Resp: 553370
Ion Ratio Lower Upper
117 100
82 54.1 47.5 71.3
119 31.2 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: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion:152 Resp: 145126
Ion Ratio Lower Upper
152 100
115 59.3 31.2 93.6
150 157.1 0.0 352.0

