

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069111.D
 Acq On : 07 May 2021 19:20
 Operator : VA/SY
 Sample : M2310-03
 Misc : 6.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-SP2

Quant Time: May 08 00:10:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050421S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 04:16:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	188641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	358398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	362603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	158583	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	129051	53.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.16%	
35) Dibromofluoromethane	7.914	113	137925	56.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.24%	
50) Toluene-d8	10.338	98	466530	51.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.84%	
62) 4-Bromofluorobenzene	12.626	95	150289	50.36	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.72%	

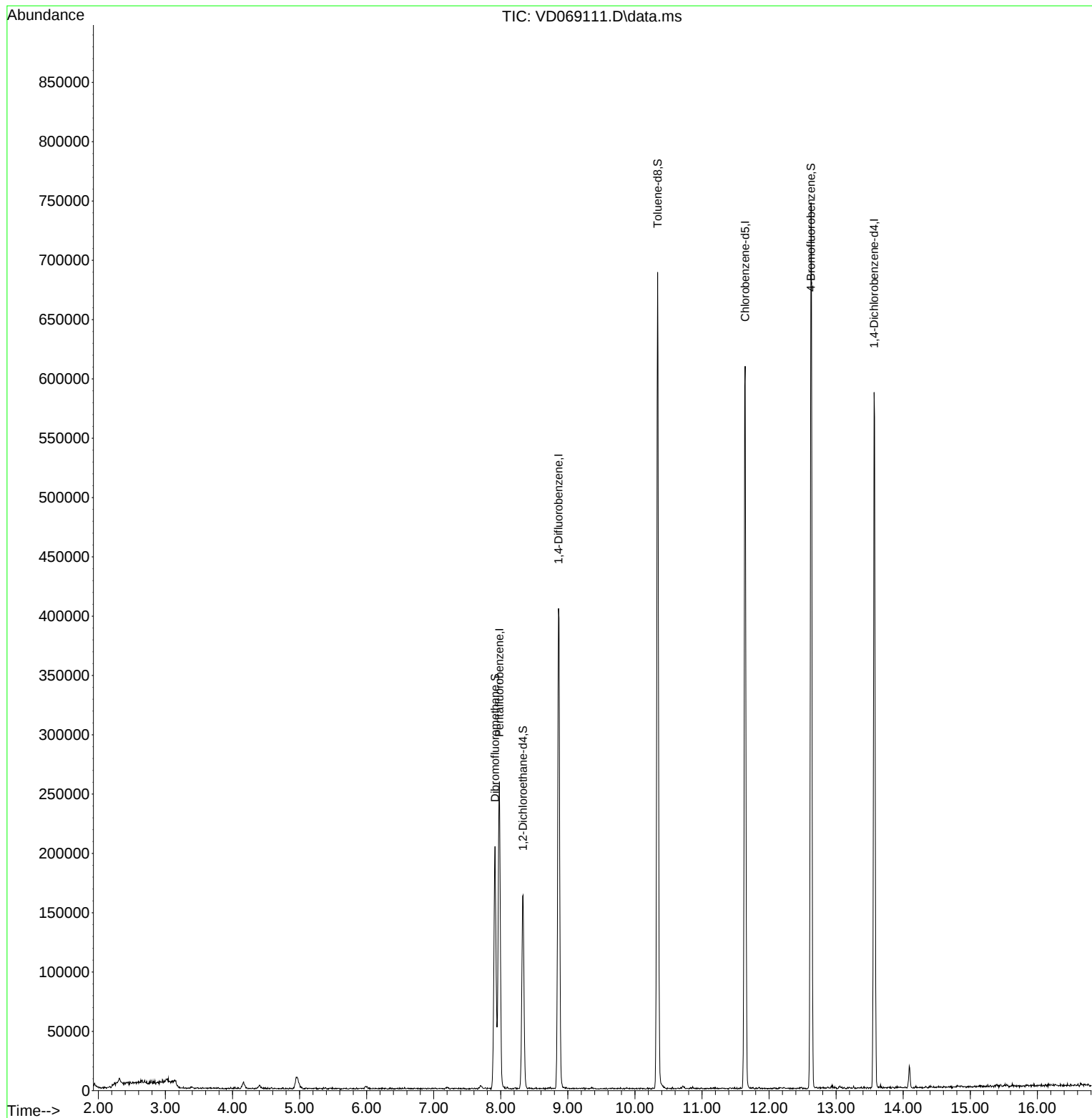
Target Compounds	Qvalue

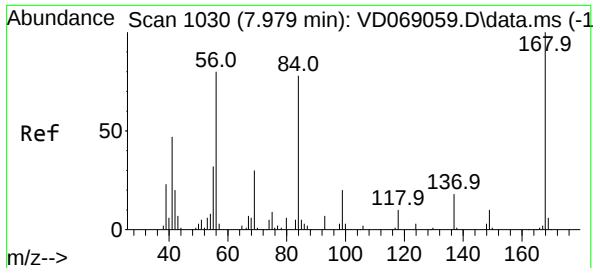
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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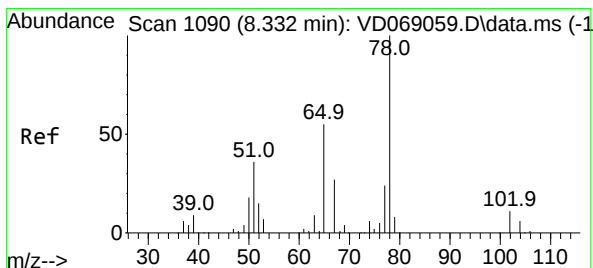
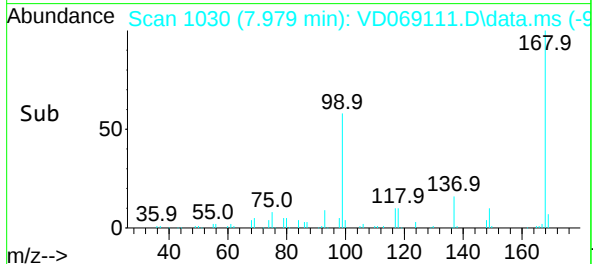
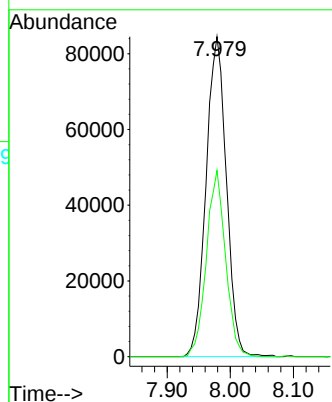
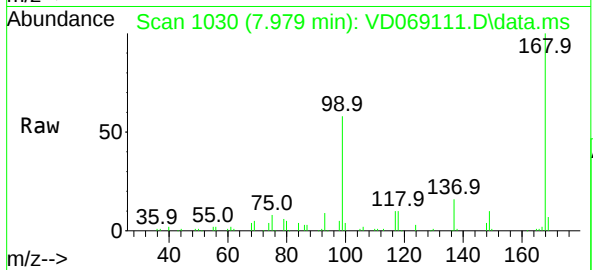




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069111.D
Acq: 07 May 2021 19:20

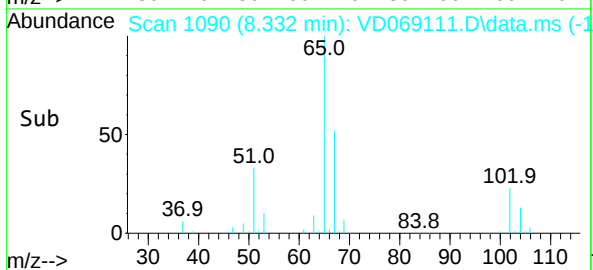
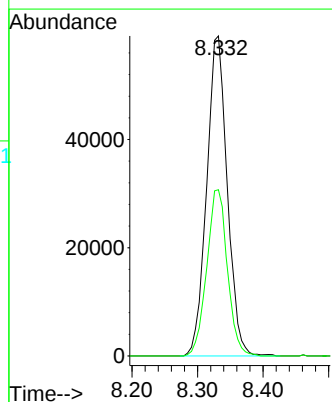
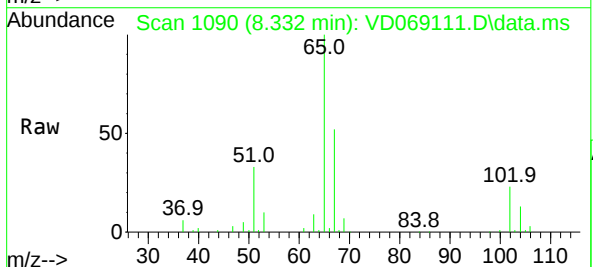
Instrument :
MSVOA_D
ClientSampleId :
BS-SP2

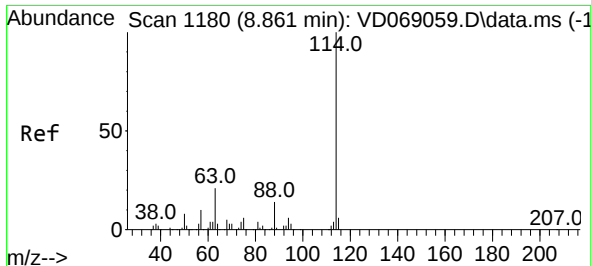
Tgt Ion:168 Resp: 188641
Ion Ratio Lower Upper
168 100
99 58.2 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 53.08 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069111.D
Acq: 07 May 2021 19:20

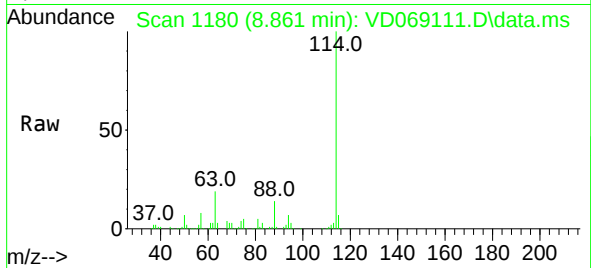
Tgt Ion: 65 Resp: 129051
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.4



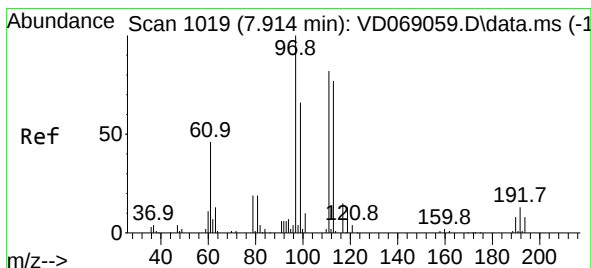
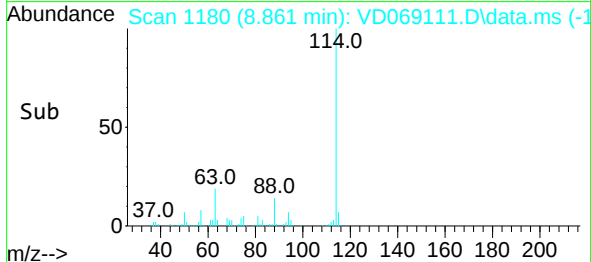
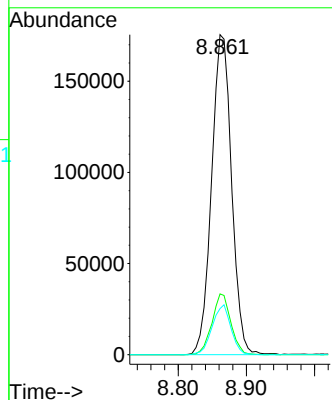


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069111.D
Acq: 07 May 2021 19:20

Instrument :
MSVOA_D
ClientSampleId :
BS-SP2

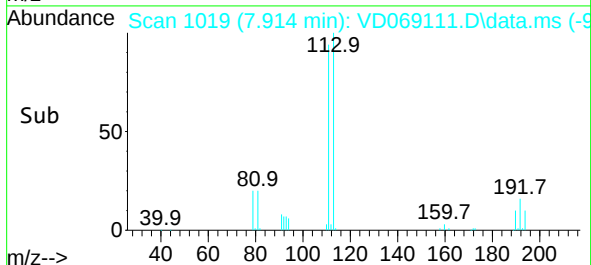
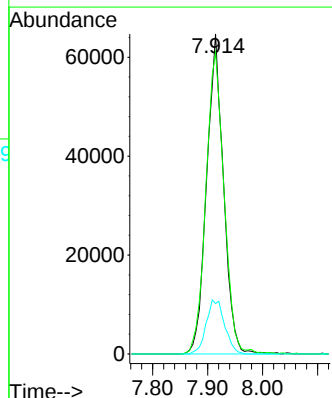
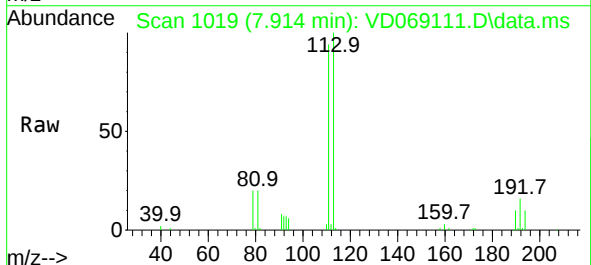


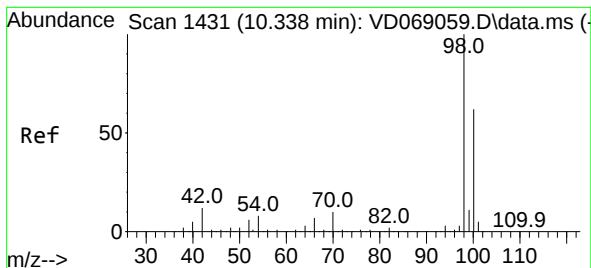
Tgt Ion:114 Resp: 358398
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.4
88 14.4 0.0 27.8



#35
Dibromofluoromethane
Concen: 56.12 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069111.D
Acq: 07 May 2021 19:20

Tgt Ion:113 Resp: 137925
Ion Ratio Lower Upper
113 100
111 101.3 84.6 126.8
192 18.5 13.5 20.3

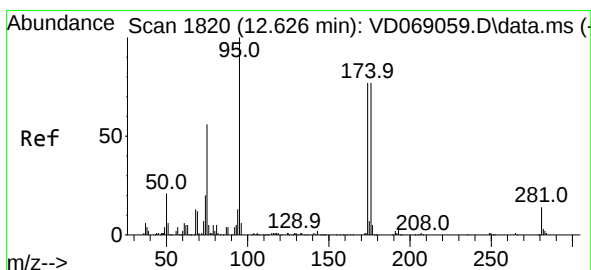
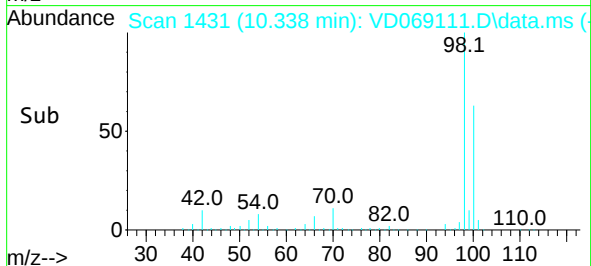
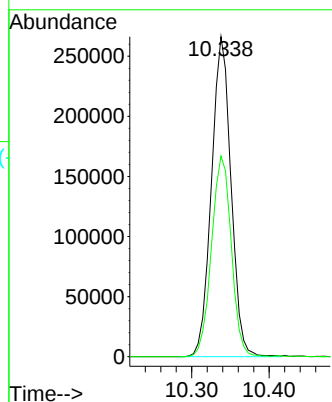
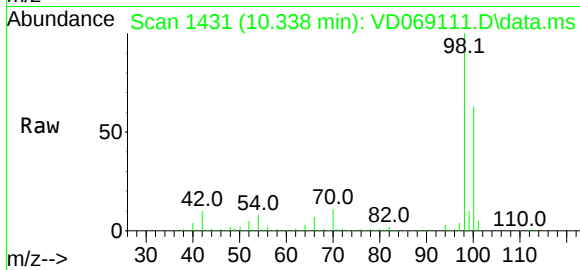




#50
Toluene-d8
Concen: 51.42 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069111.D
Acq: 07 May 2021 19:20

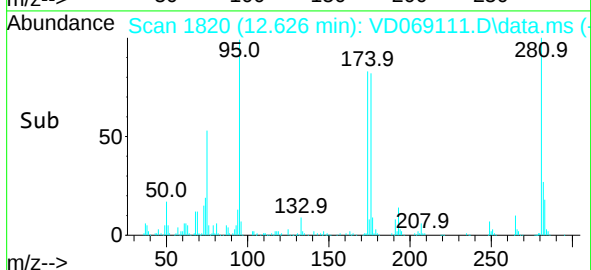
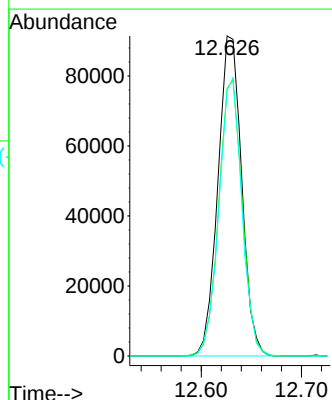
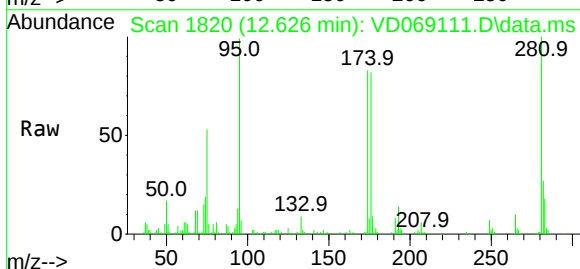
Instrument :
MSVOA_D
ClientSampleId :
BS-SP2

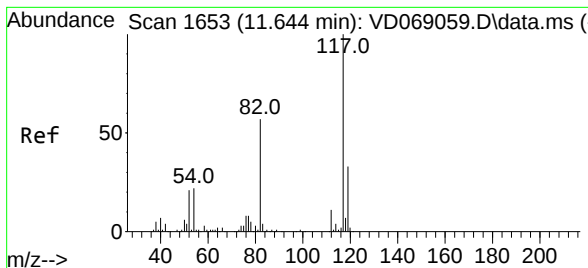
Tgt Ion: 98 Resp: 466530
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 50.36 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069111.D
Acq: 07 May 2021 19:20

Tgt Ion: 95 Resp: 150289
Ion Ratio Lower Upper
95 100
174 85.5 0.0 156.0
176 83.7 0.0 149.4

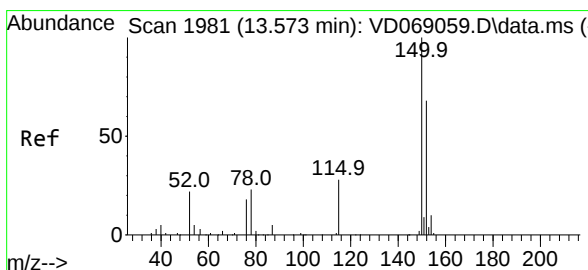
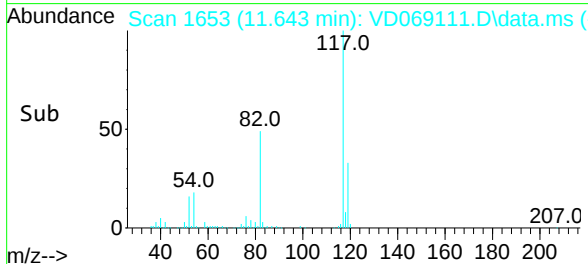
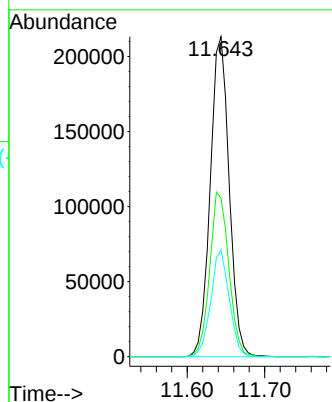
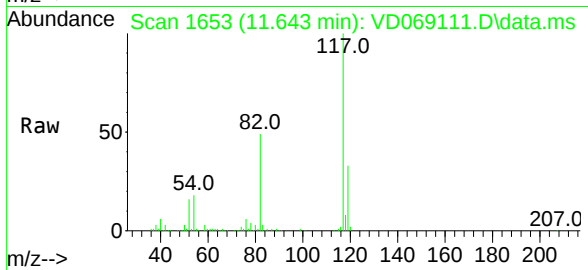




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069111.D
Acq: 07 May 2021 19:20

Instrument :
MSVOA_D
ClientSampleId :
BS-SP2

Tgt Ion:117 Resp: 362603
Ion Ratio Lower Upper
117 100
82 49.5 45.4 68.2
119 33.4 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD069111.D
Acq: 07 May 2021 19:20

Tgt Ion:152 Resp: 158583
Ion Ratio Lower Upper
152 100
115 57.1 30.5 91.5
150 157.8 0.0 340.8

