

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050721\
 Data File : VD069110.D
 Acq On : 07 May 2021 18:50
 Operator : VA/SY
 Sample : M2310-01
 Misc : 5.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-SP1

Quant Time: May 08 00:10:00 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	7.973	168	16599	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	29446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	31702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	14285	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	16367	76.51	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	153.02%
35) Dibromofluoromethane	7.914	113	13104	64.89	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.78%
50) Toluene-d8	10.338	98	38475	51.61	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.22%
62) 4-Bromofluorobenzene	12.626	95	12563	51.23	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.46%

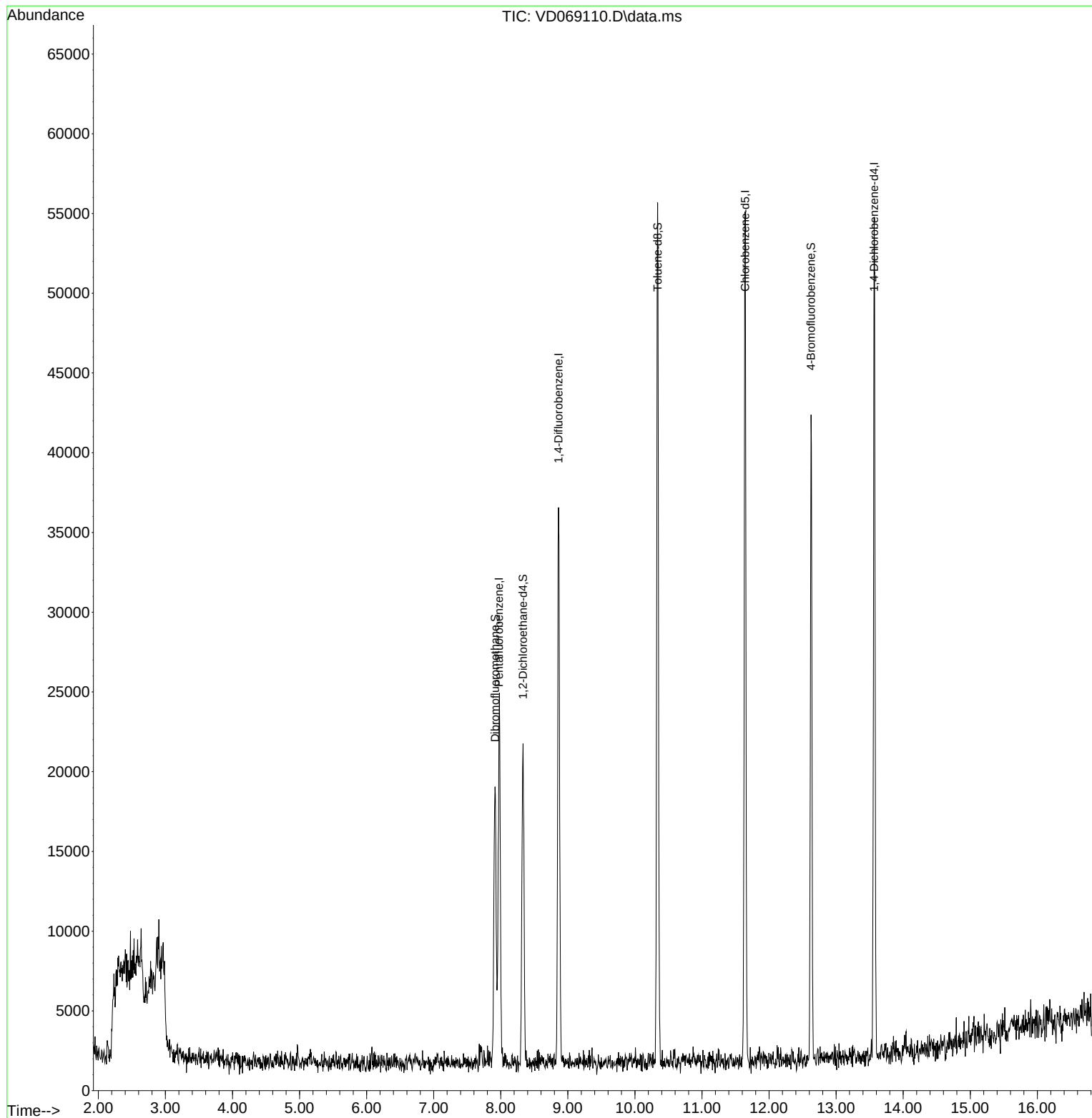
Target Compounds	Qvalue

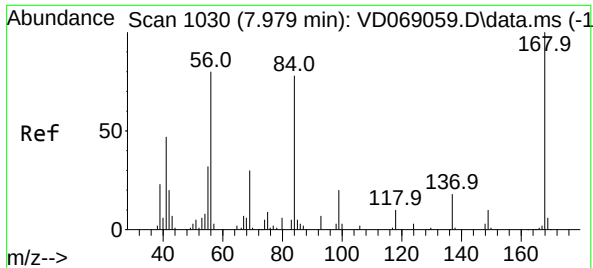
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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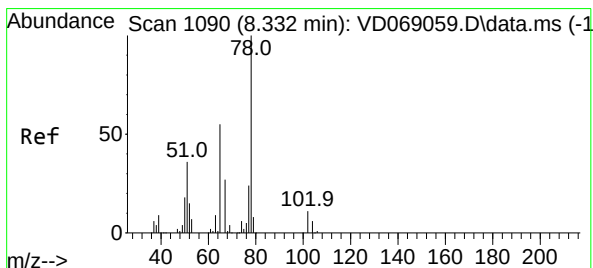
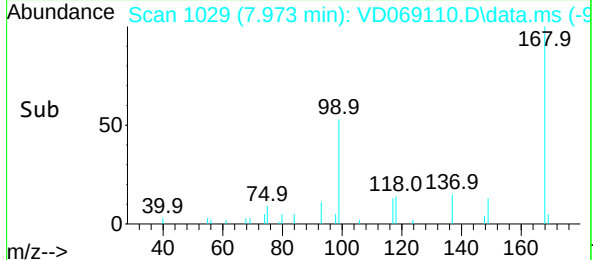
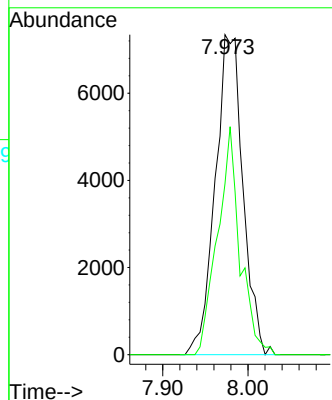
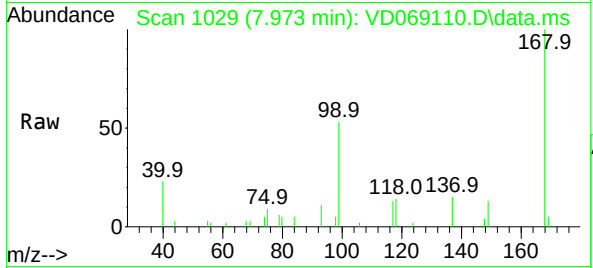




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069110.D
Acq: 07 May 2021 18:50

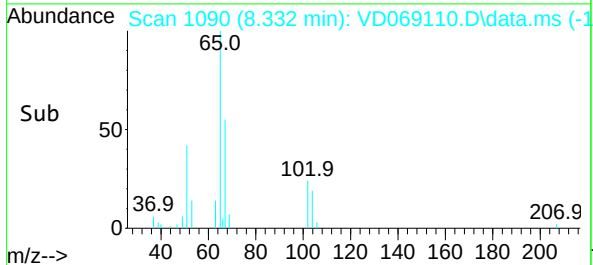
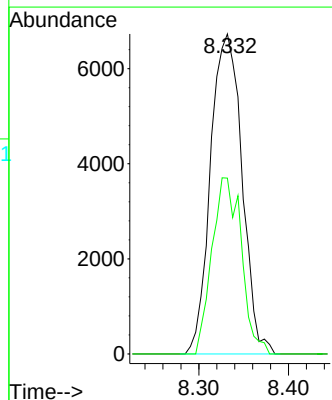
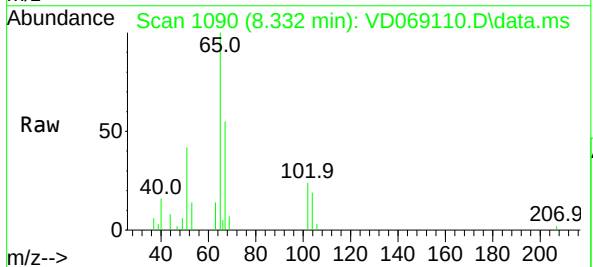
Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

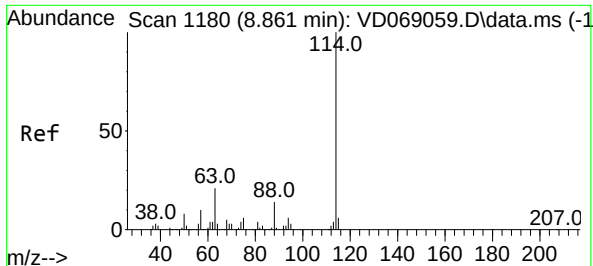
Tgt Ion:168 Resp: 16599
Ion Ratio Lower Upper
168 100
99 53.5 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 76.51 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069110.D
Acq: 07 May 2021 18:50

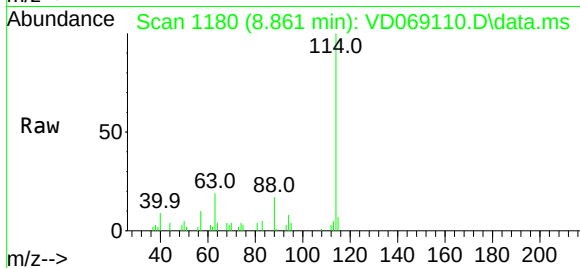
Tgt Ion: 65 Resp: 16367
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4



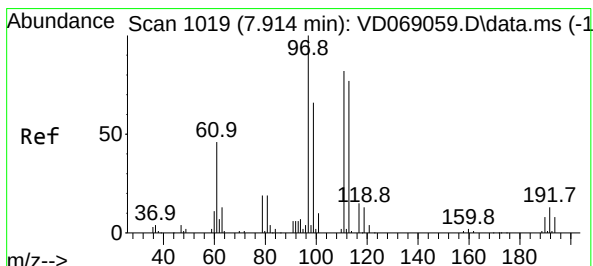
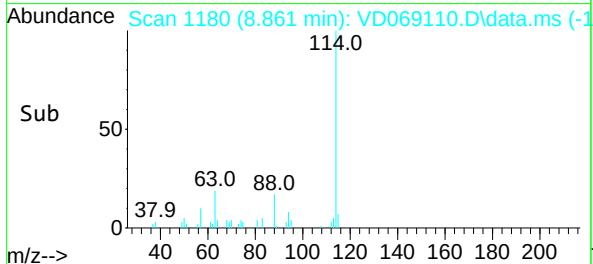
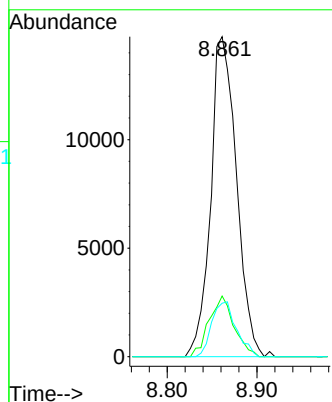


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069110.D
Acq: 07 May 2021 18:50

Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

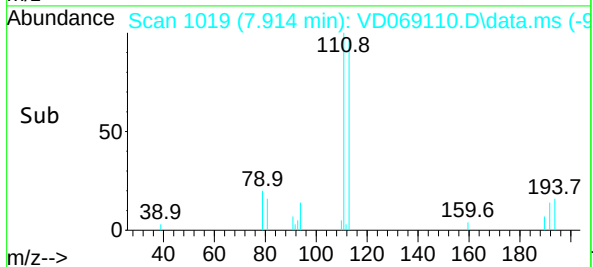
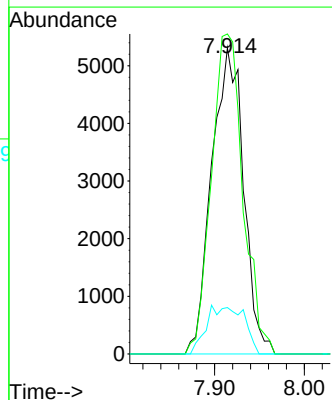
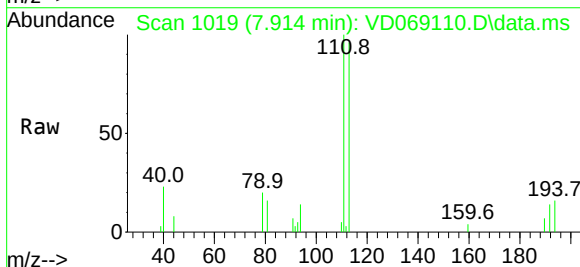


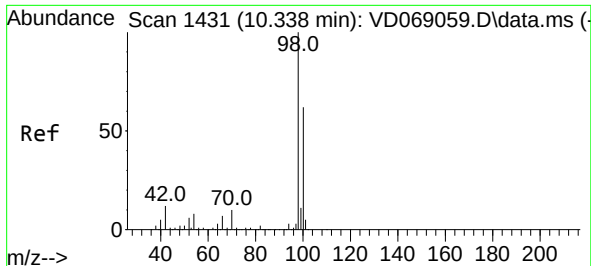
Tgt Ion:	114	Resp:	29446
Ion Ratio	Lower	Upper	
114	100		
63	19.0	0.0	41.4
88	16.7	0.0	27.8



#35
Dibromofluoromethane
Concen: 64.89 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069110.D
Acq: 07 May 2021 18:50

Tgt Ion:	113	Resp:	13104
Ion Ratio	Lower	Upper	
113	100		
111	103.6	84.6	126.8
192	18.4	13.5	20.3

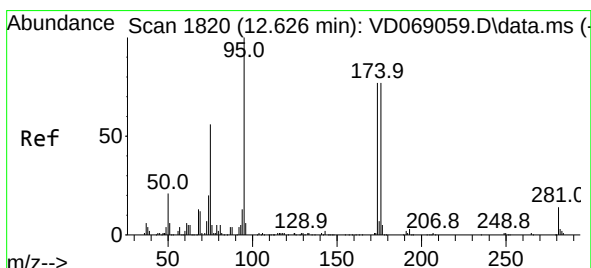
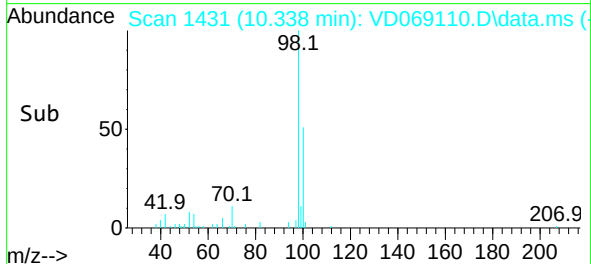
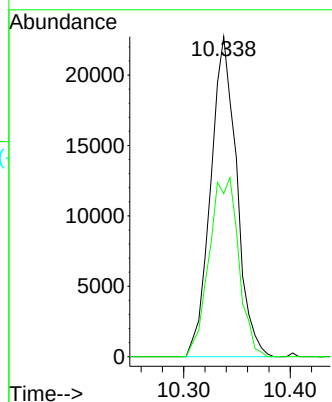
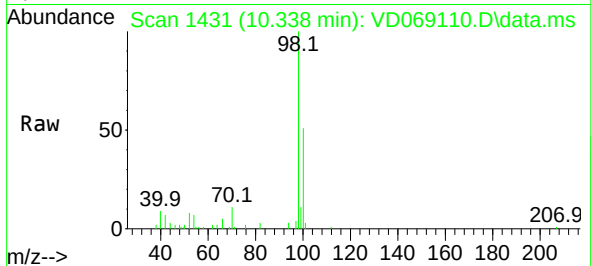




#50
Toluene-d8
Concen: 51.61 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069110.D
Acq: 07 May 2021 18:50

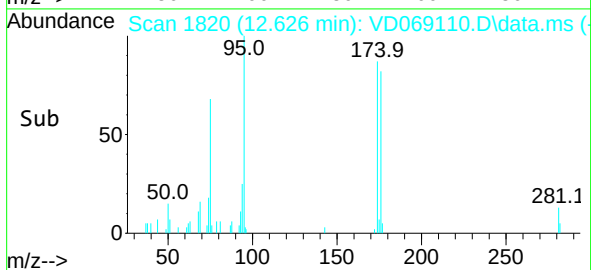
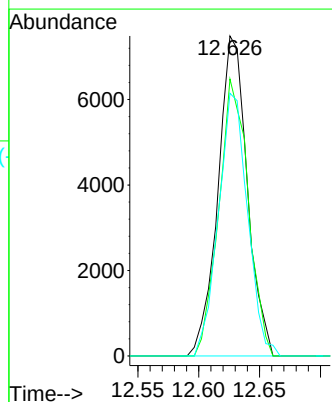
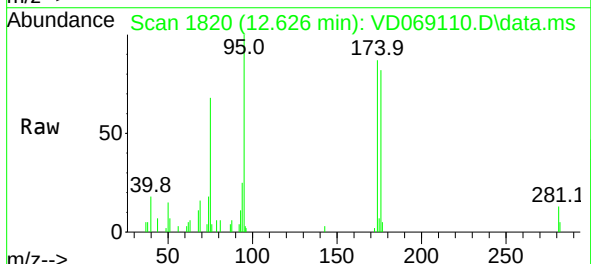
Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

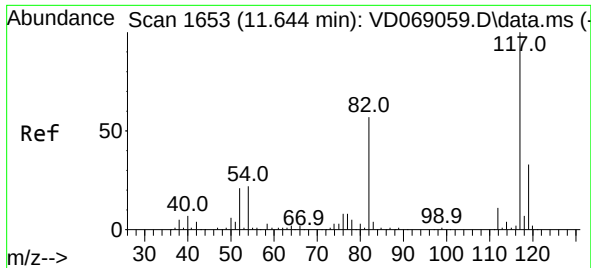
Tgt Ion: 98 Resp: 38475
Ion Ratio Lower Upper
98 100
100 63.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 51.23 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069110.D
Acq: 07 May 2021 18:50

Tgt Ion: 95 Resp: 12563
Ion Ratio Lower Upper
95 100
174 86.5 0.0 156.0
176 81.6 0.0 149.4

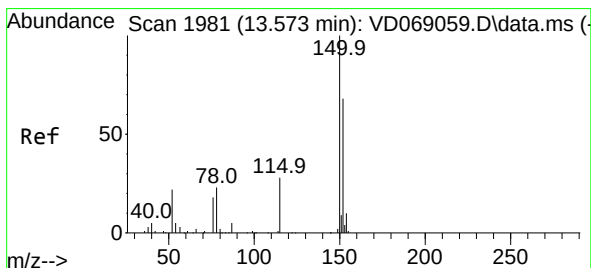
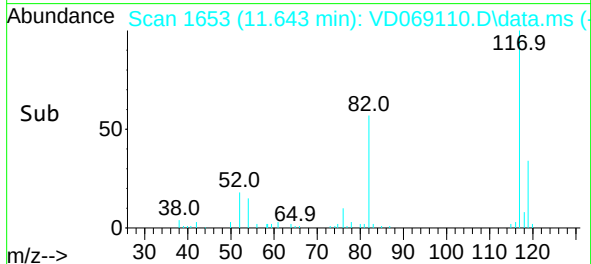
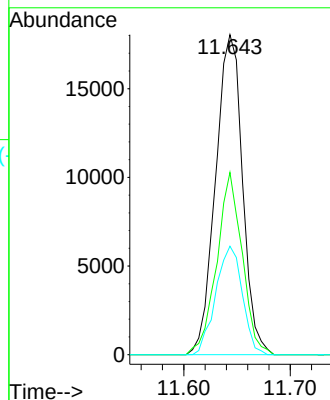
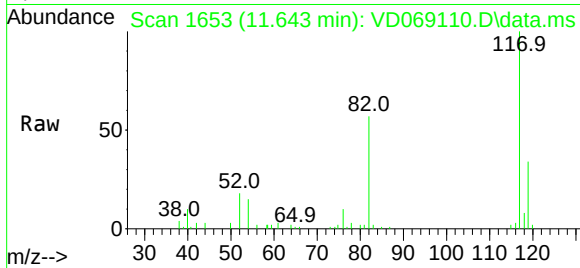




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069110.D
Acq: 07 May 2021 18:50

Instrument :
MSVOA_D
ClientSampleId :
BS-SP1

Tgt Ion:117 Resp: 31702
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 33.9 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: VD069110.D
Acq: 07 May 2021 18:50

Tgt Ion:152 Resp: 14285
Ion Ratio Lower Upper
152 100
115 61.5 30.5 91.5
150 166.4 0.0 340.8

