

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050521\
 Data File : VD069065.D
 Acq On : 05 May 2021 13:04
 Operator : VA/SY
 Sample : VD0505SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0505SBL01

Quant Time: May 05 14:03:40 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	210722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	393847	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	375403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	166824	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151582	55.82	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.64%
35) Dibromofluoromethane	7.914	113	134303	49.73	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.46%
50) Toluene-d8	10.338	98	491300	49.27	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.54%
62) 4-Bromofluorobenzene	12.632	95	151021	46.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.10%

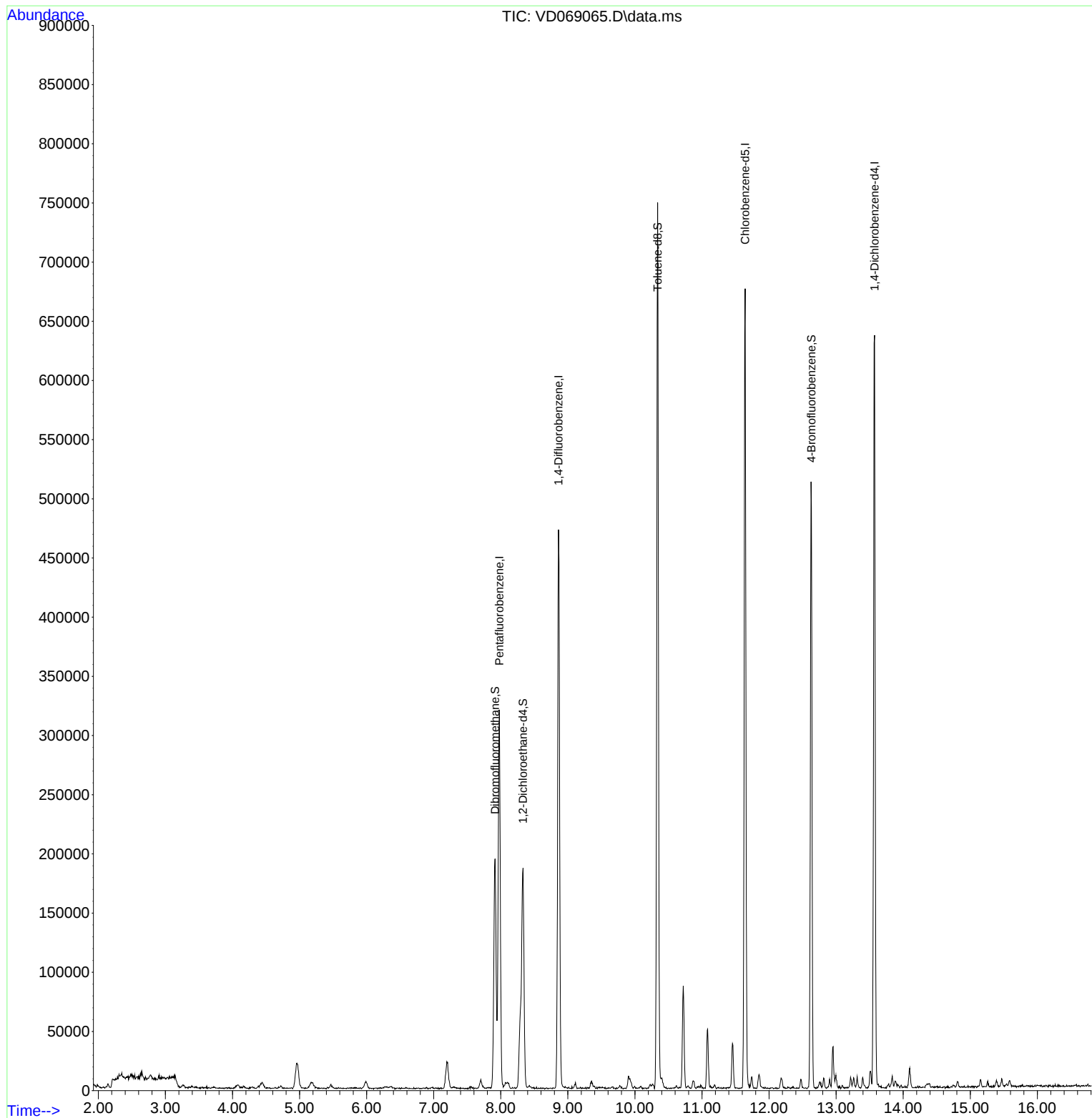
Target Compounds	Qvalue

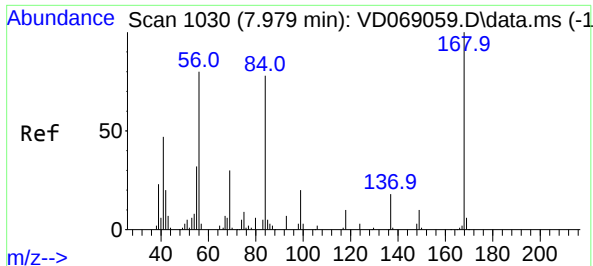
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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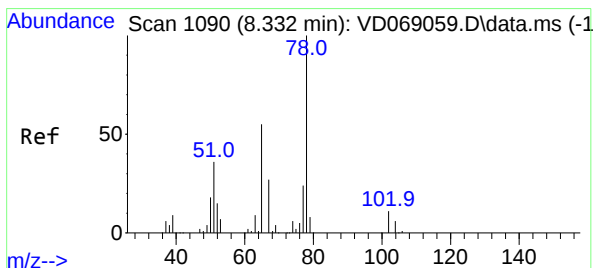
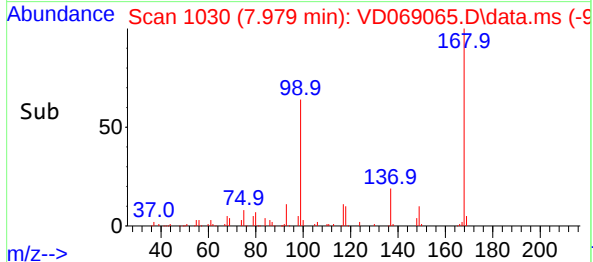
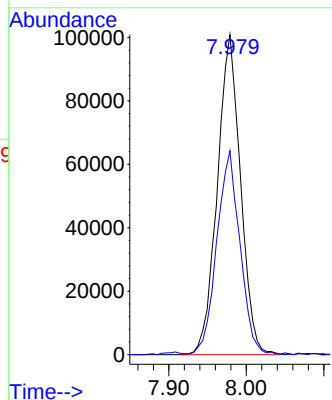
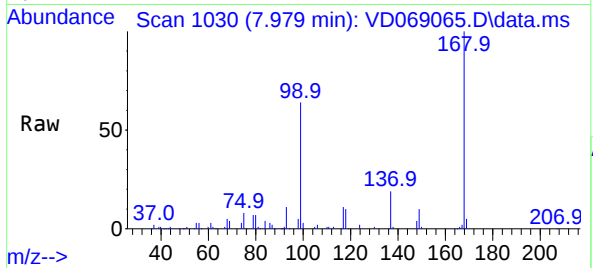




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

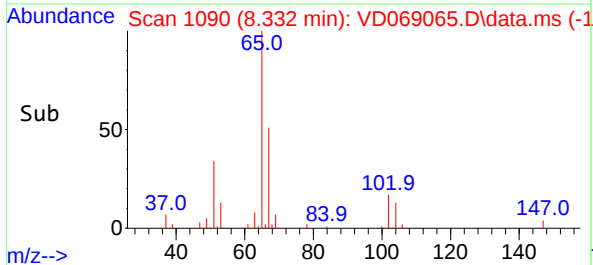
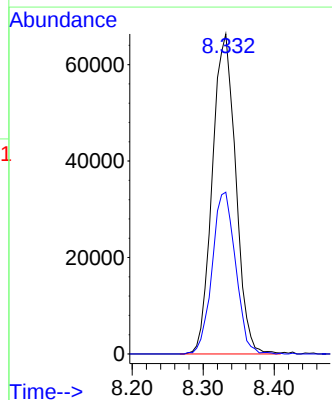
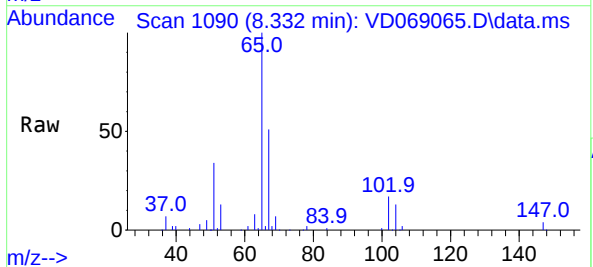
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

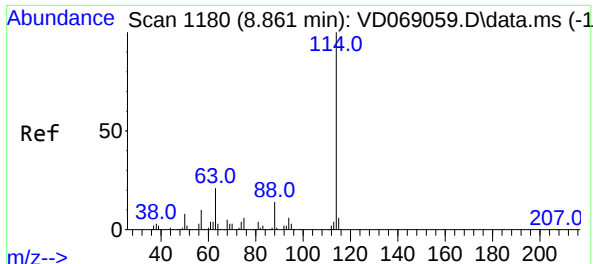
Tgt Ion:168 Resp: 210722
Ion Ratio Lower Upper
168 100
99 63.5 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 55.82 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 65 Resp: 151582
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.4



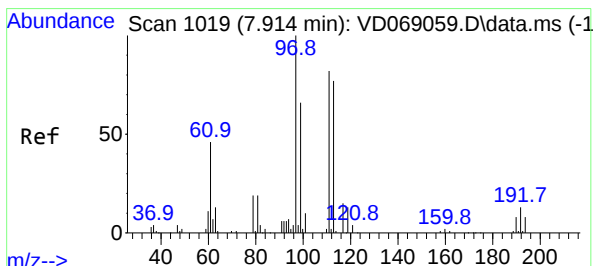
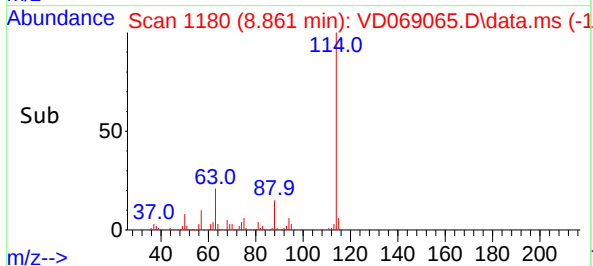
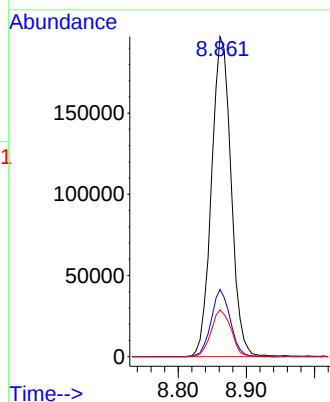
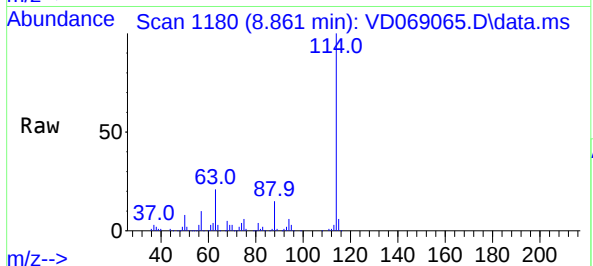


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Instrument :
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VD0505SBL01

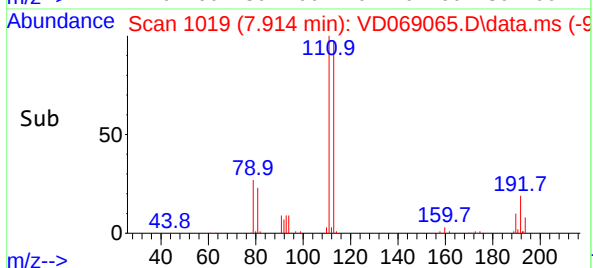
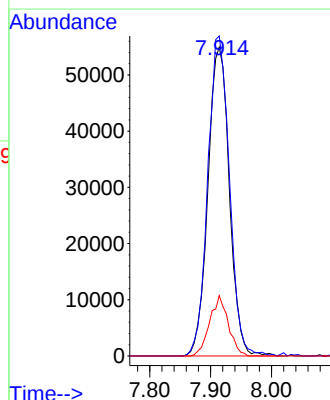
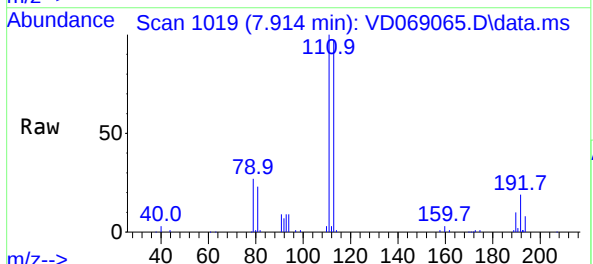
Tgt Ion:114 Resp: 393847
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.4
88 14.6 0.0 27.8

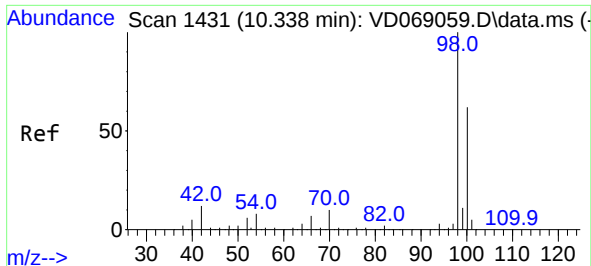


#35

Dibromofluoromethane
Concen: 49.73 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion:113 Resp: 134303
Ion Ratio Lower Upper
113 100
111 104.4 84.6 126.8
192 17.0 13.5 20.3

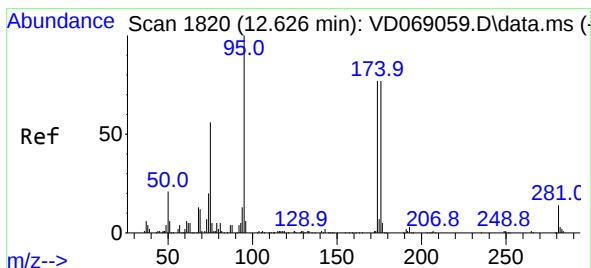
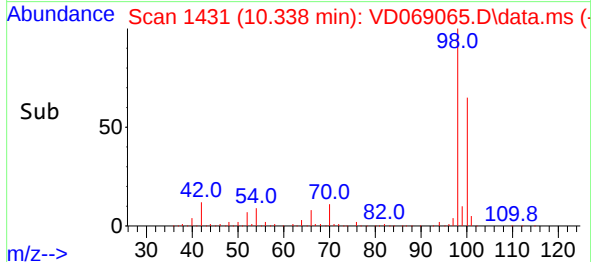
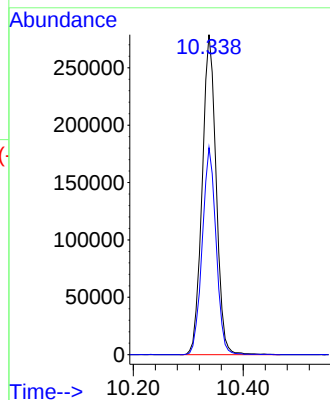
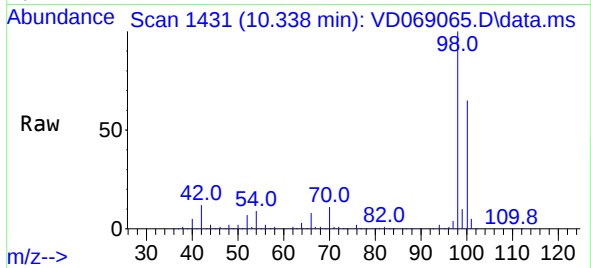




#50
Toluene-d8
Concen: 49.27 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

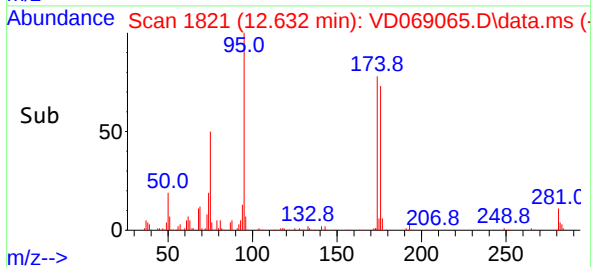
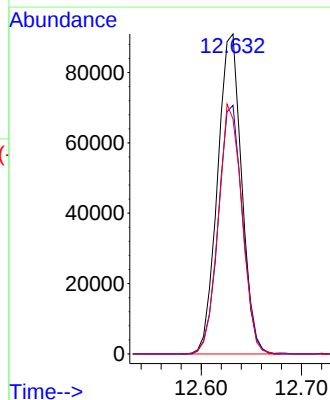
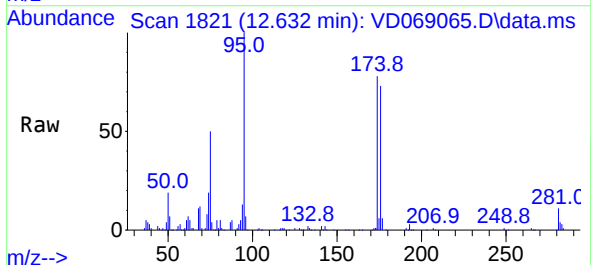
Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

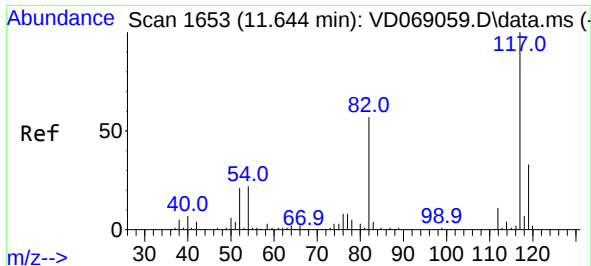
Tgt Ion: 98 Resp: 491300
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion: 95 Resp: 151021
Ion Ratio Lower Upper
95 100
174 78.7 0.0 156.0
176 77.0 0.0 149.4

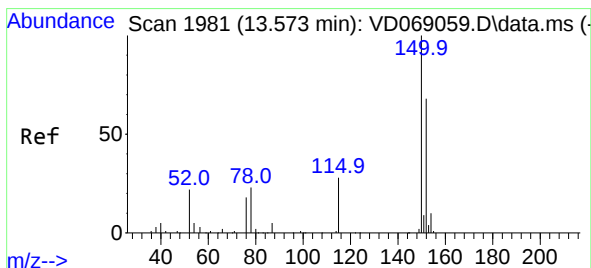
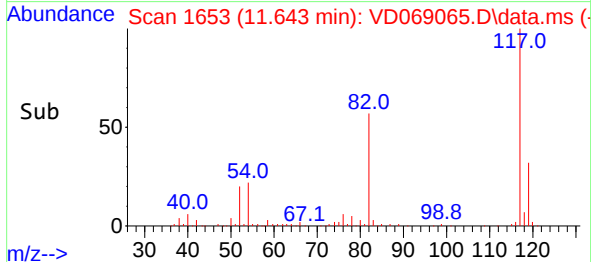
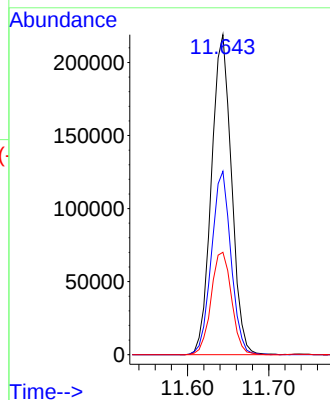
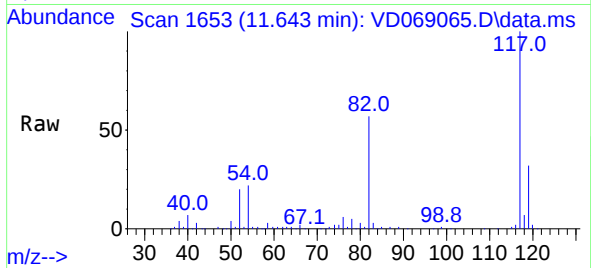




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Instrument :
MSVOA_D
ClientSampleId :
VD0505SBL01

Tgt Ion:117 Resp: 375403
Ion Ratio Lower Upper
117 100
82 57.3 45.4 68.2
119 32.0 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069065.D
Acq: 05 May 2021 13:04

Tgt Ion:152 Resp: 166824
Ion Ratio Lower Upper
152 100
115 60.3 30.5 91.5
150 157.0 0.0 340.8

