

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052121\
 Data File : VD069232.D
 Acq On : 21 May 2021 11:59
 Operator : VA/SY
 Sample : VD0521SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBL01

Quant Time: May 21 12:52:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	218058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	403489	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	386527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	172164	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	133829	61.22	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.44%
35) Dibromofluoromethane	7.914	113	138028	52.57	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.14%
50) Toluene-d8	10.338	98	456306	47.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.58%
62) 4-Bromofluorobenzene	12.632	95	142300	45.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.68%

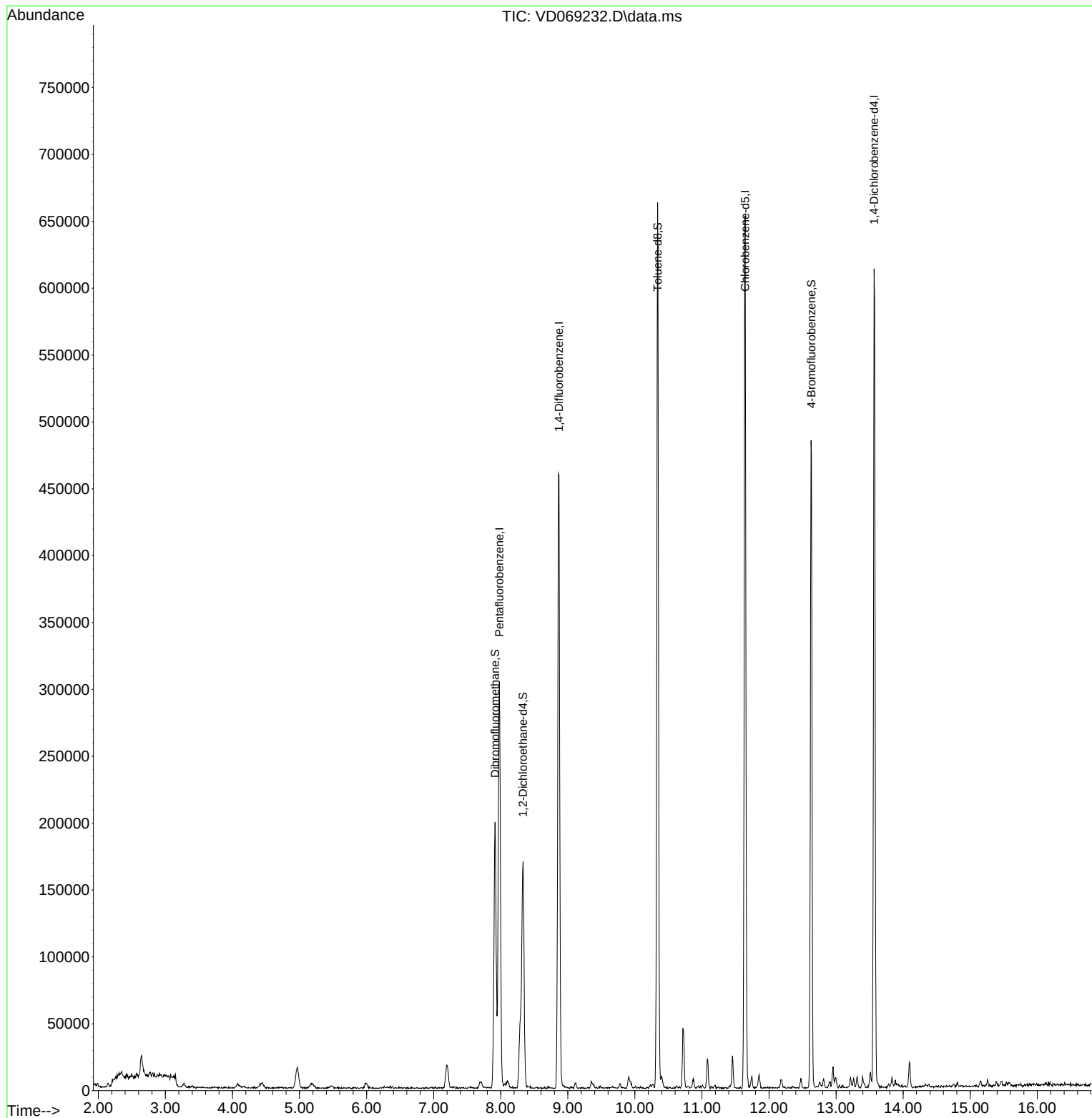
Target Compounds	Qvalue

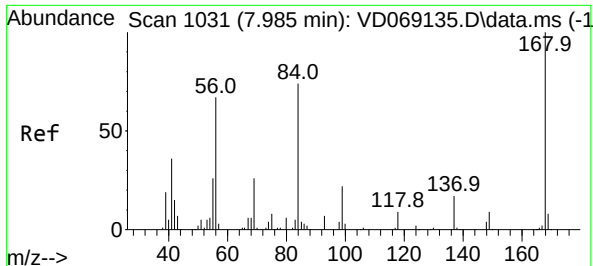
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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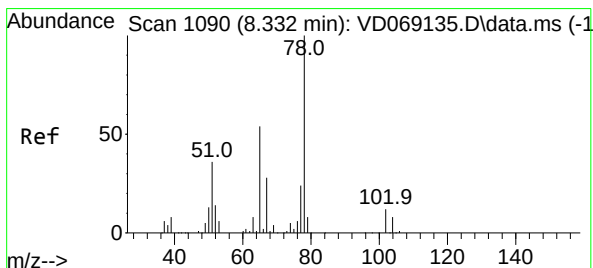
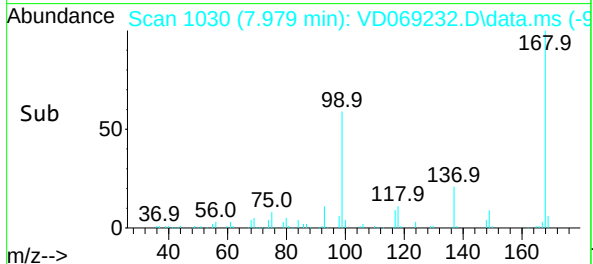
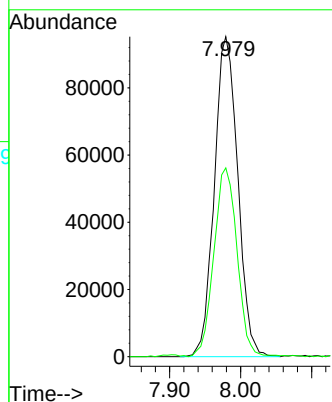
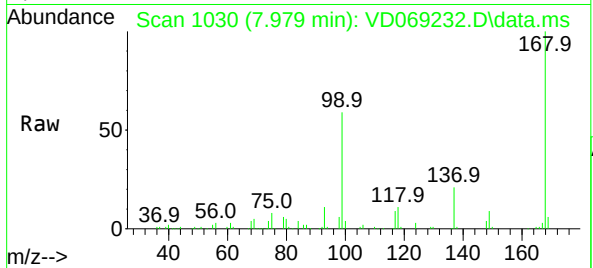




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069232.D
Acq: 21 May 2021 11:59

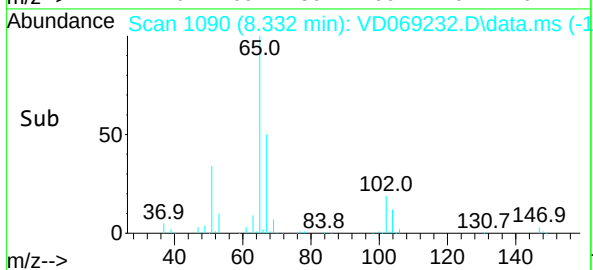
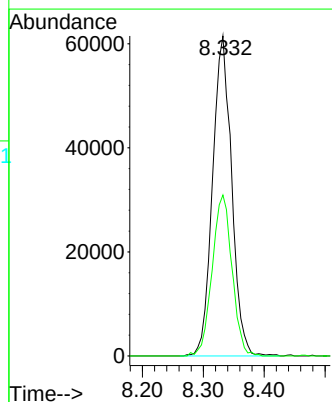
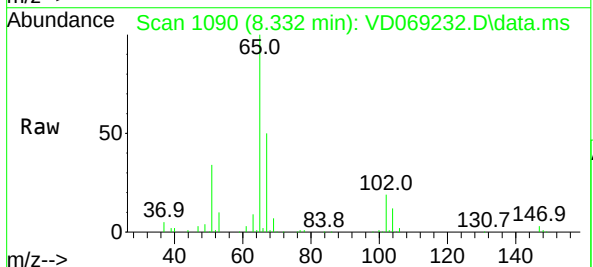
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL01

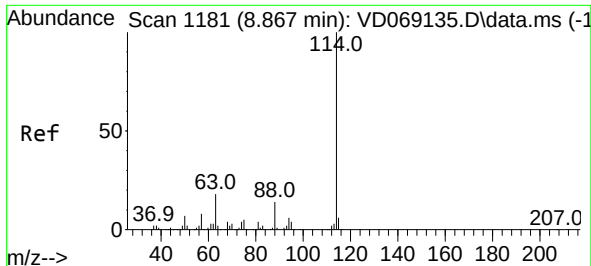
Tgt Ion:168 Resp: 218058
Ion Ratio Lower Upper
168 100
99 58.8 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 61.22 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD069232.D
Acq: 21 May 2021 11:59

Tgt Ion: 65 Resp: 133829
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VD069232.D

Acq: 21 May 2021 11:59

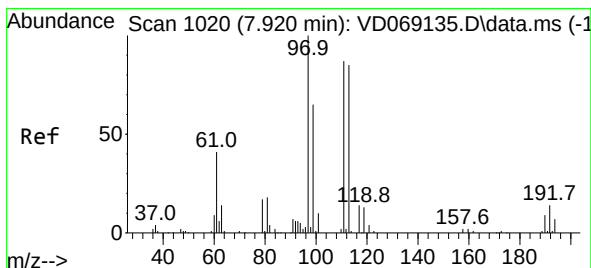
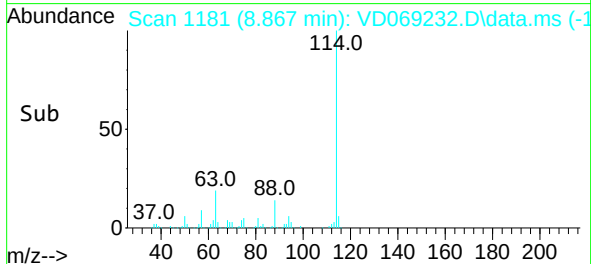
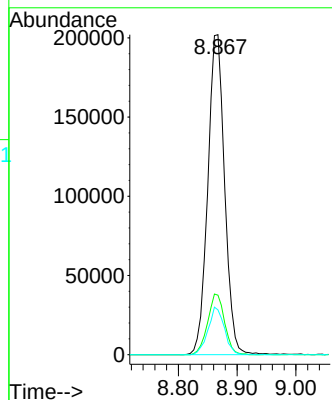
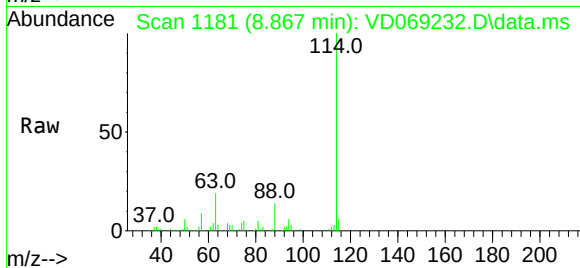
Tgt Ion:114 Resp: 403489

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 14.0 0.0 28.2



#35

Dibromofluoromethane

Concen: 52.57 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD069232.D

Acq: 21 May 2021 11:59

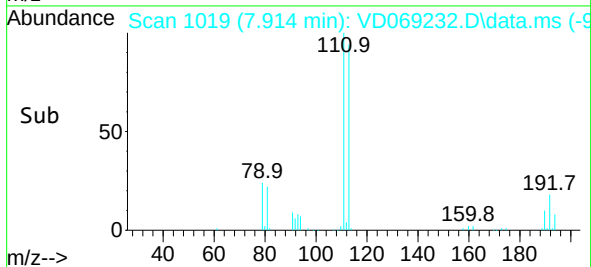
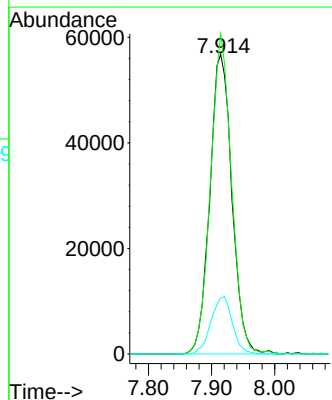
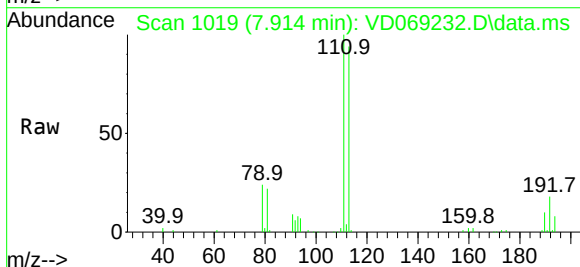
Tgt Ion:113 Resp: 138028

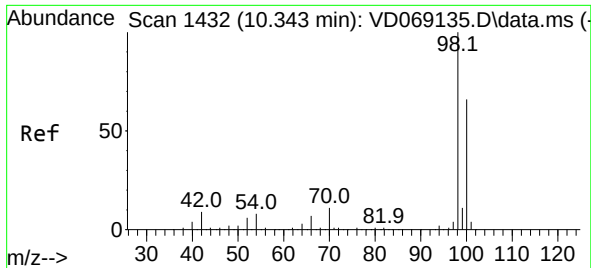
Ion Ratio Lower Upper

113 100

111 101.2 80.6 120.8

192 18.5 14.8 22.2

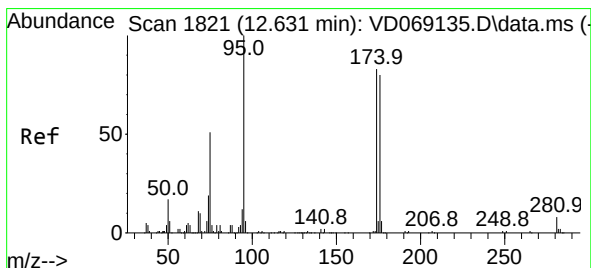
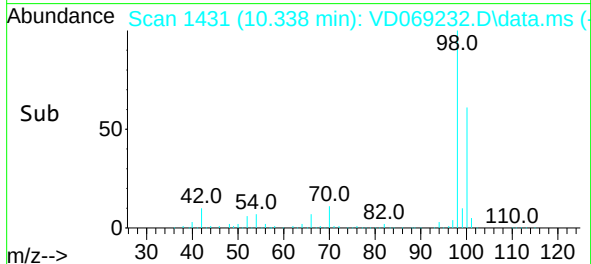
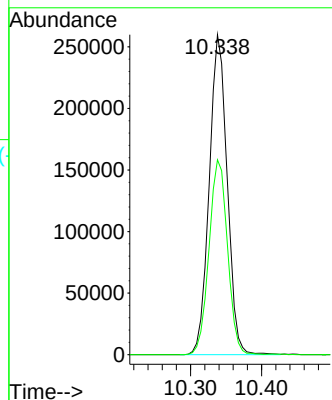
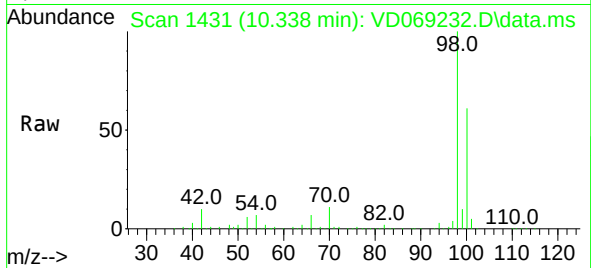




#50
Toluene-d8
Concen: 47.29 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069232.D
Acq: 21 May 2021 11:59

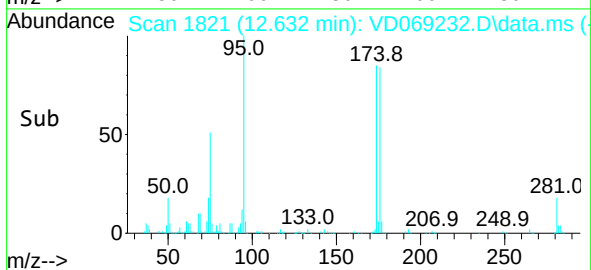
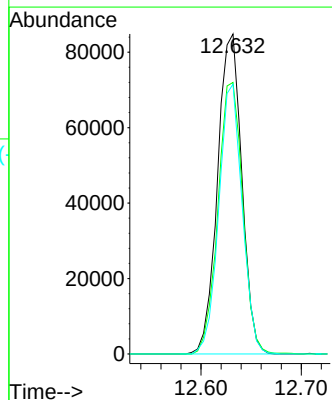
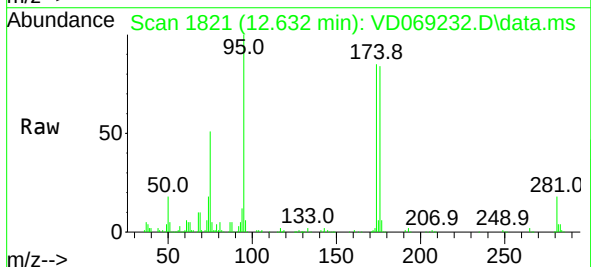
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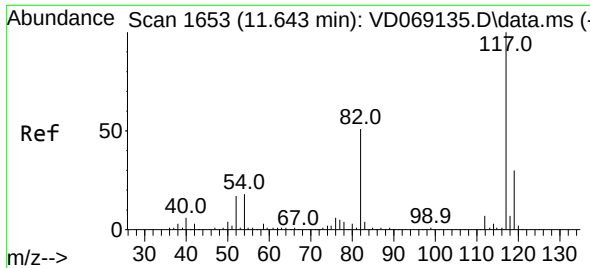
Tgt Ion: 98 Resp: 456306
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 45.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069232.D
Acq: 21 May 2021 11:59

Tgt Ion: 95 Resp: 142300
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.8
176 81.1 0.0 165.4

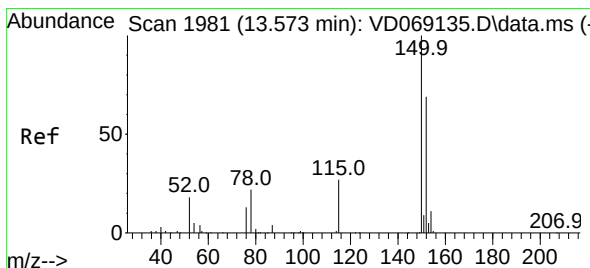
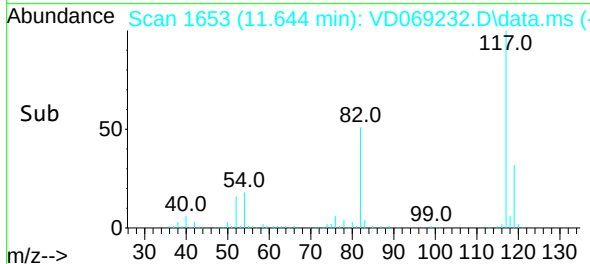
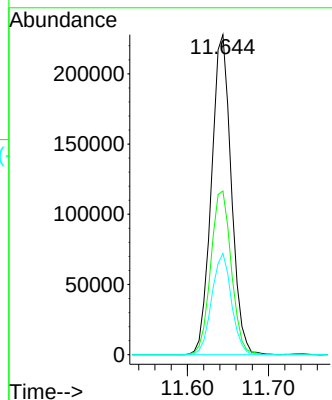
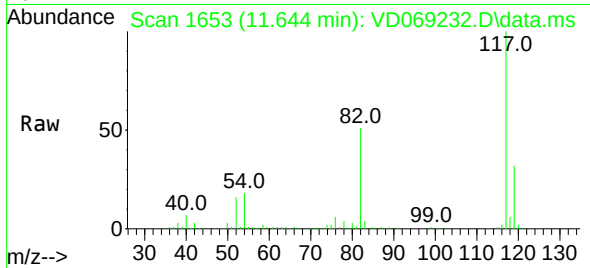




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069232.D
Acq: 21 May 2021 11:59

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL01

Tgt Ion:117 Resp: 386527
Ion Ratio Lower Upper
117 100
82 51.1 40.5 60.7
119 31.7 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.005 min
Lab File: VD069232.D
Acq: 21 May 2021 11:59

Tgt Ion:152 Resp: 172164
Ion Ratio Lower Upper
152 100
115 58.1 29.9 89.8
150 155.2 0.0 350.2

