

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051421\
 Data File : VD069169.D
 Acq On : 14 May 2021 11:34
 Operator : VA/SY
 Sample : VD0514SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBL01

Quant Time: May 15 02:31:54 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	236075	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	469075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	446916	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	186145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	149352	63.11	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.22%
35) Dibromofluoromethane	7.915	113	162051	53.09	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.18%
50) Toluene-d8	10.338	98	592292	52.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.62%
62) 4-Bromofluorobenzene	12.632	95	171101	47.41	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.82%

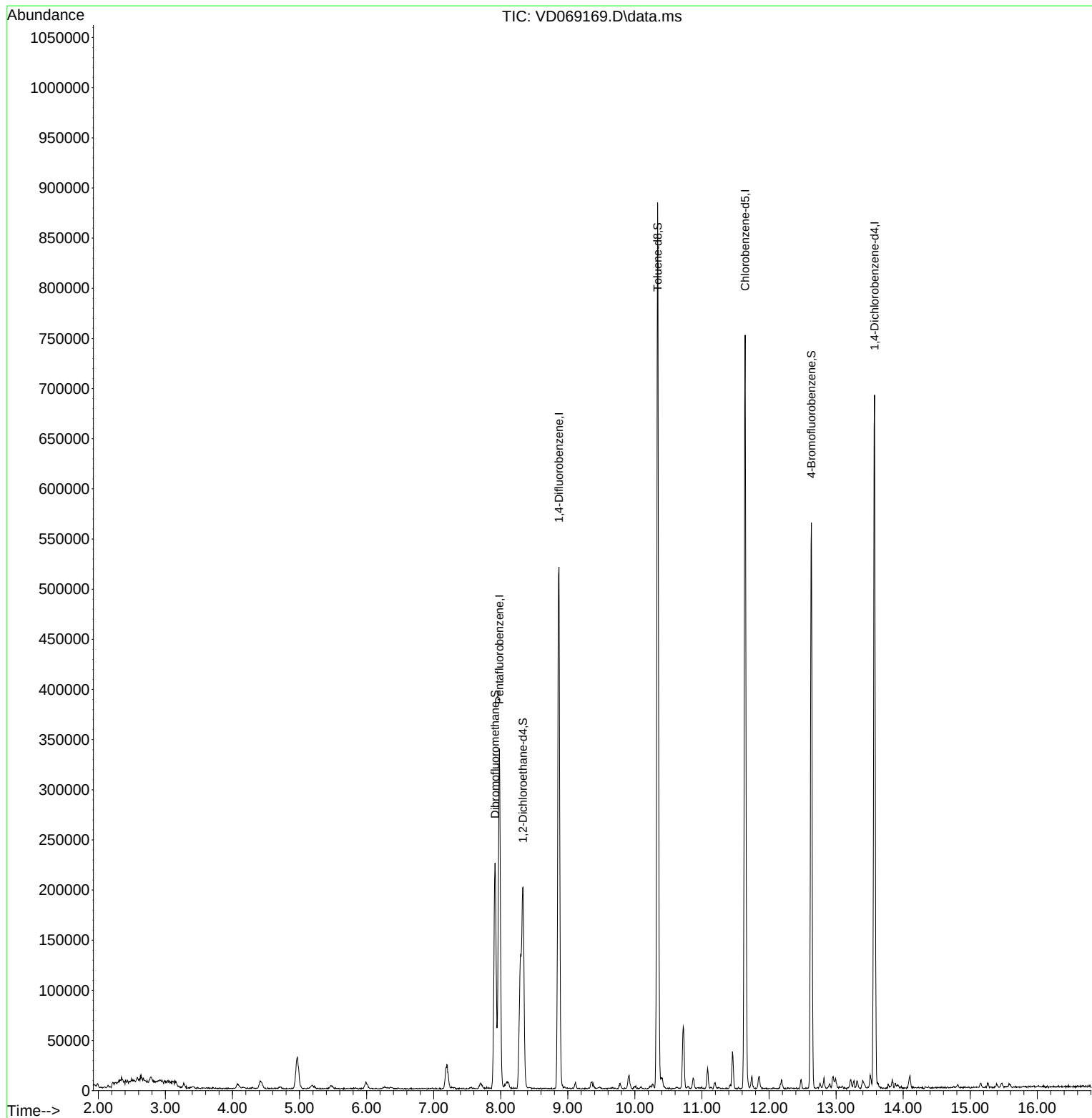
Target Compounds	Qvalue

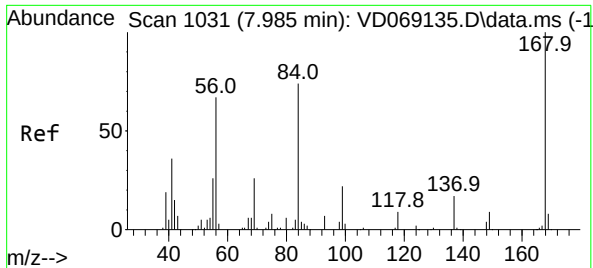
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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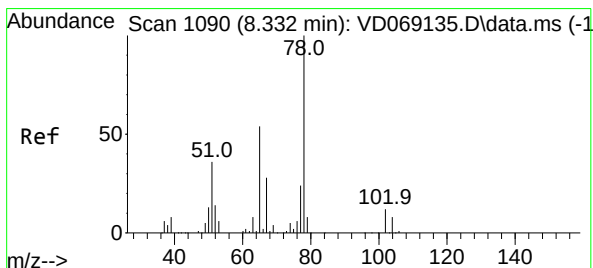
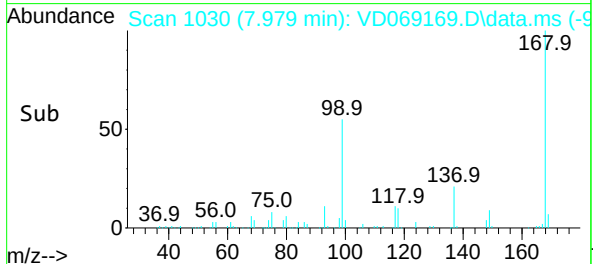
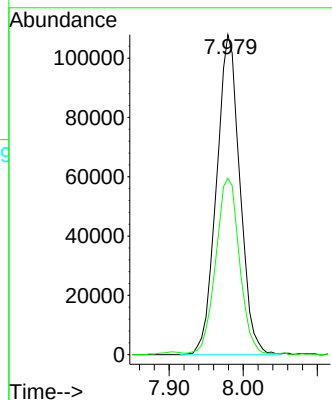
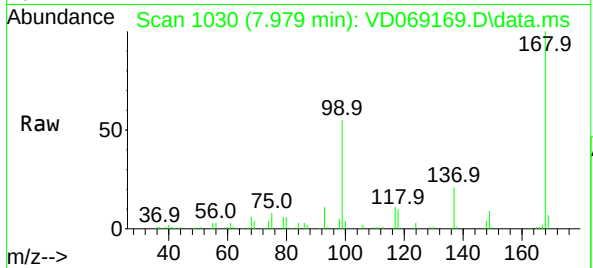




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

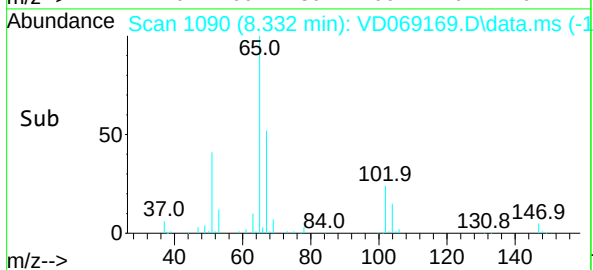
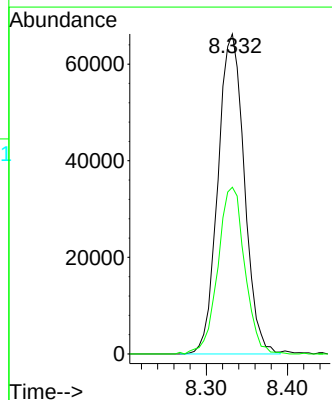
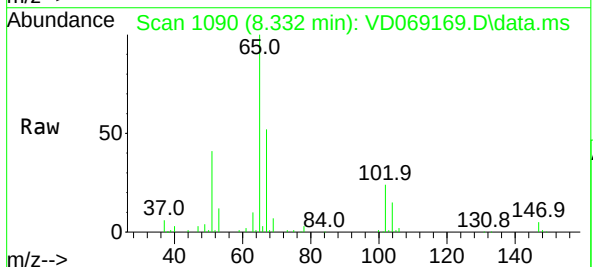
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

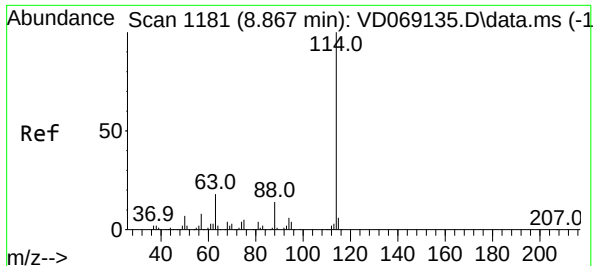
Tgt Ion:168 Resp: 236075
Ion Ratio Lower Upper
168 100
99 54.7 47.2 70.8



#33
1,2-Dichloroethane-d4
Concen: 63.11 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion: 65 Resp: 149352
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.867 min Scan# 1181

Delta R.T. 0.001 min

Lab File: VD069169.D

Acq: 14 May 2021 11:34

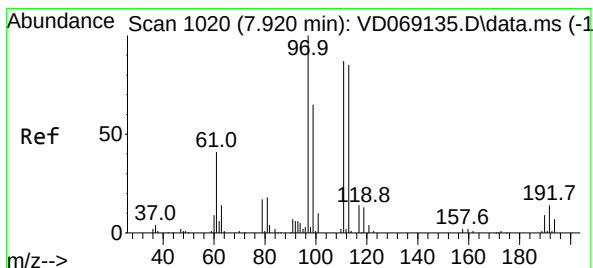
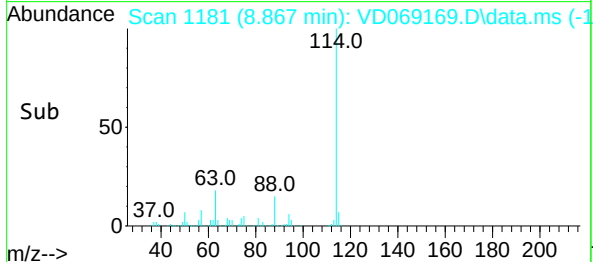
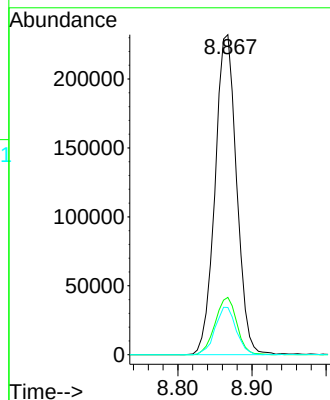
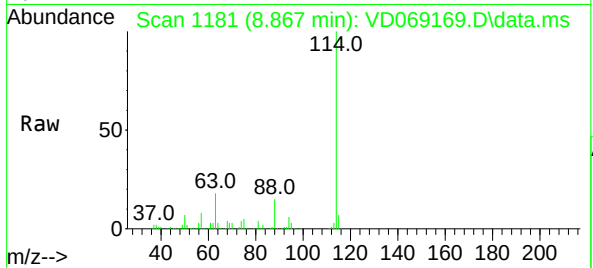
Tgt Ion:114 Resp: 469075

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 14.7 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.09 ug/l

RT: 7.915 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD069169.D

Acq: 14 May 2021 11:34

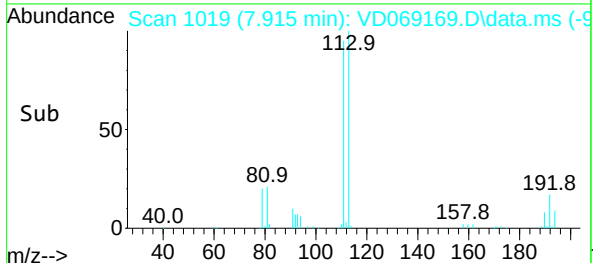
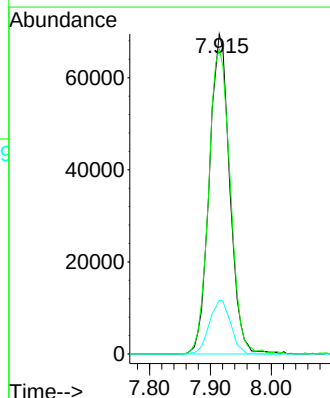
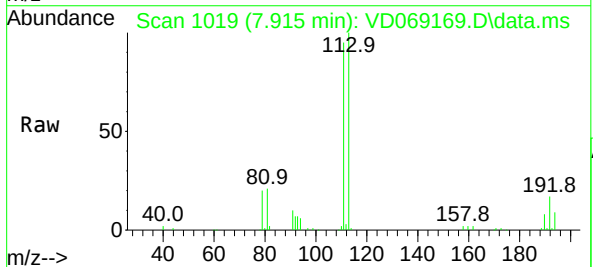
Tgt Ion:113 Resp: 162051

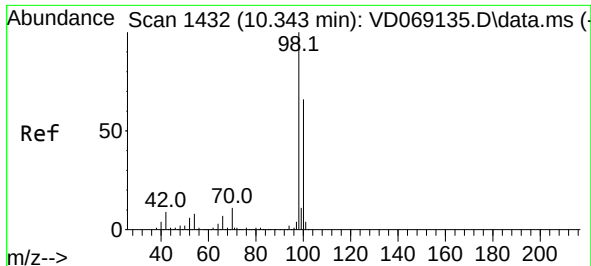
Ion Ratio Lower Upper

113 100

111 100.5 80.6 120.8

192 17.4 14.8 22.2

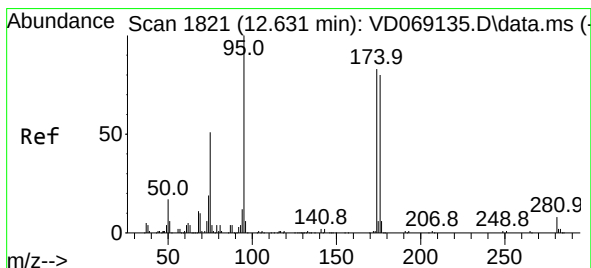
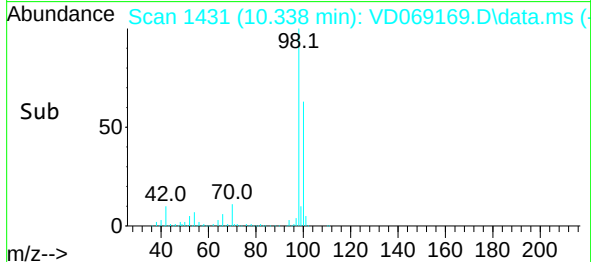
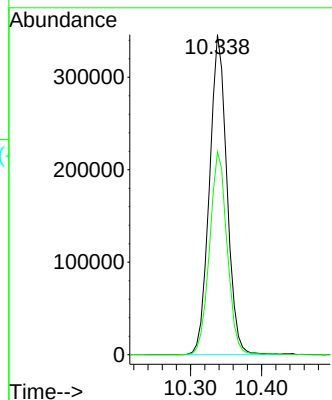
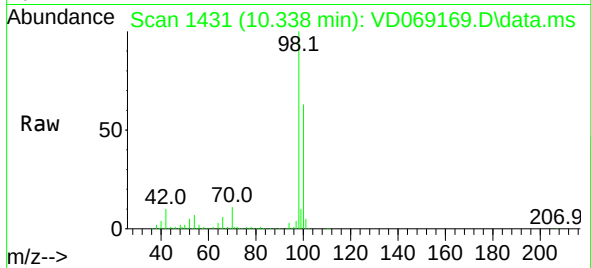




#50
Toluene-d8
Concen: 52.81 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

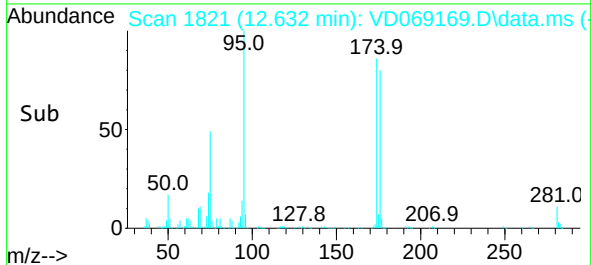
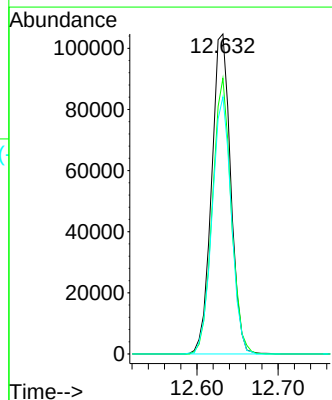
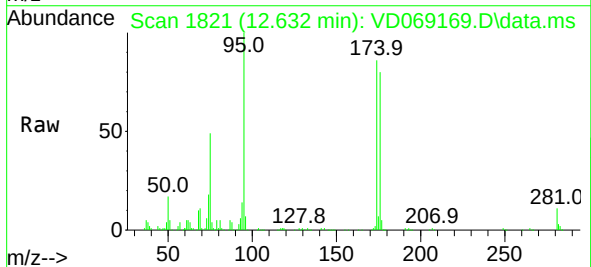
Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

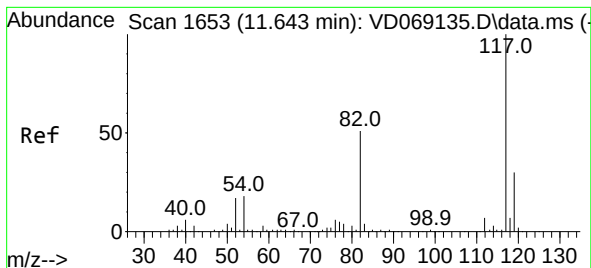
Tgt Ion: 98 Resp: 592292
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 47.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion: 95 Resp: 171101
Ion Ratio Lower Upper
95 100
174 84.5 0.0 171.8
176 80.3 0.0 165.4

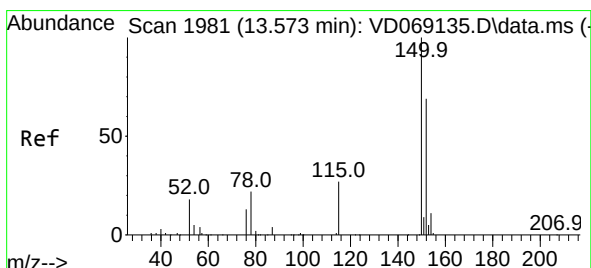
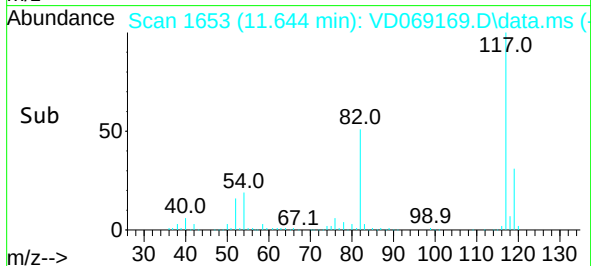
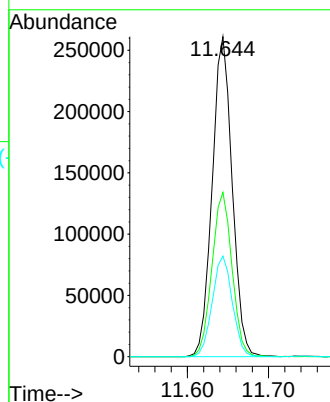
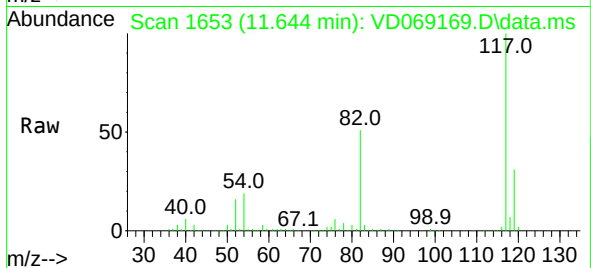




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBL01

Tgt Ion:117 Resp: 446916
Ion Ratio Lower Upper
117 100
82 51.3 40.5 60.7
119 31.5 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD069169.D
Acq: 14 May 2021 11:34

Tgt Ion:152 Resp: 186145
Ion Ratio Lower Upper
152 100
115 59.3 29.9 89.8
150 157.9 0.0 350.2

