

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051021\
 Data File : VD069118.D
 Acq On : 10 May 2021 12:54
 Operator : VA/SY
 Sample : VD0510SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0510SBL01

Quant Time: May 10 16:10:21 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	259250	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	464147	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	445191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	193605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	154904	46.36	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.72%
35) Dibromofluoromethane	7.914	113	161177	50.64	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.28%
50) Toluene-d8	10.338	98	577092	49.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.22%
62) 4-Bromofluorobenzene	12.626	95	176851	45.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.52%

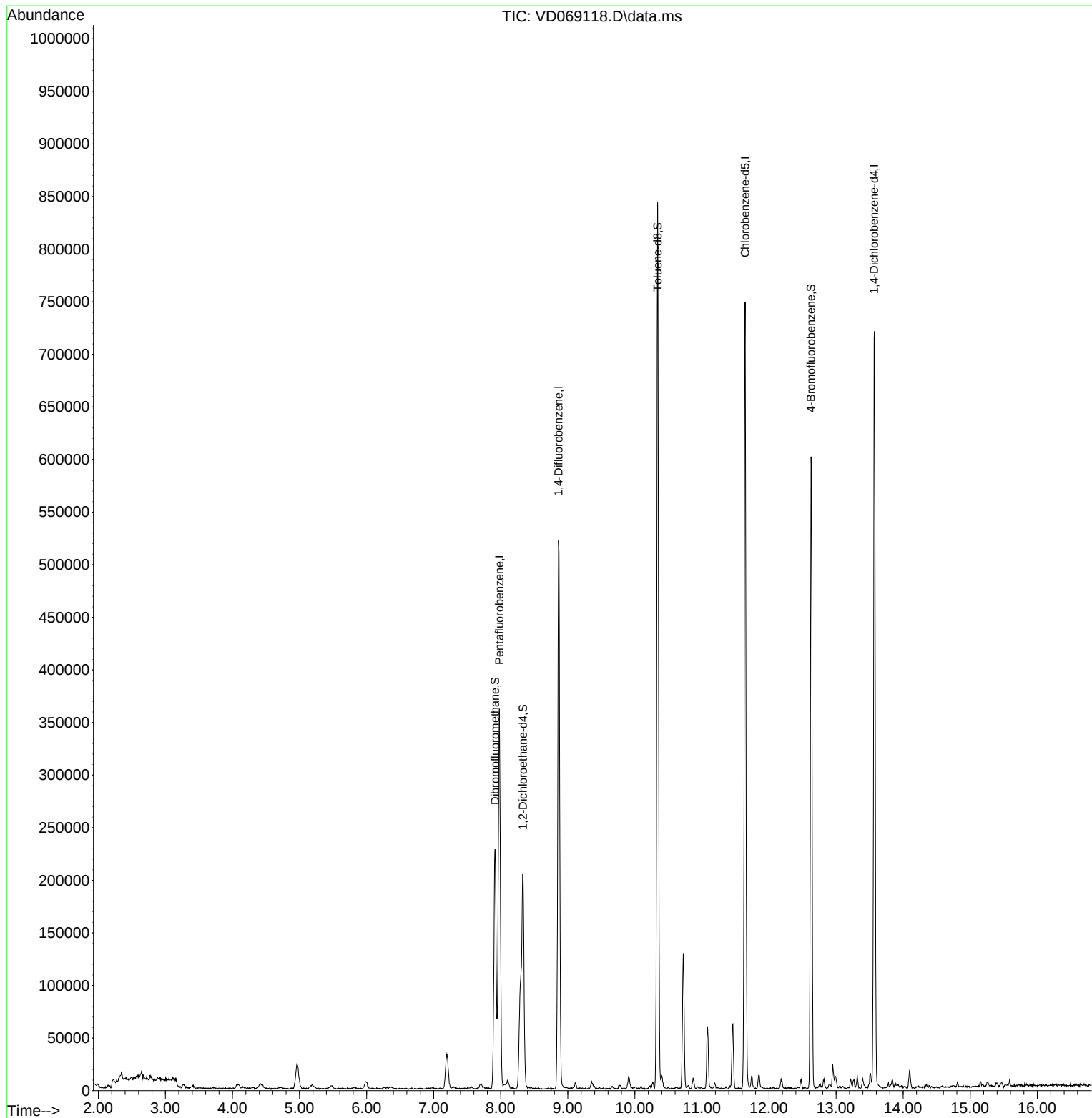
Target Compounds	Qvalue

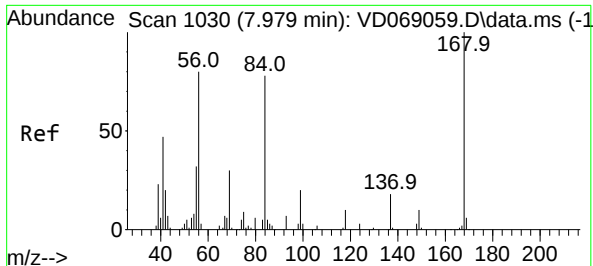
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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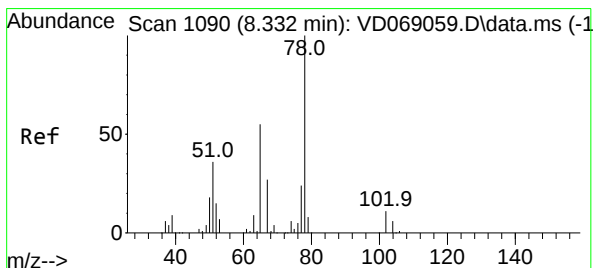
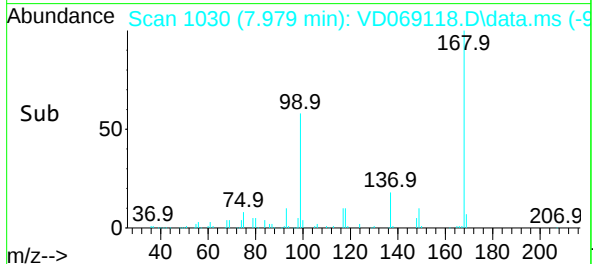
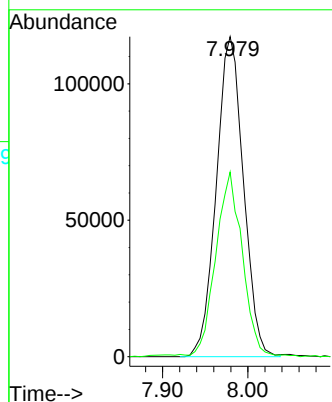
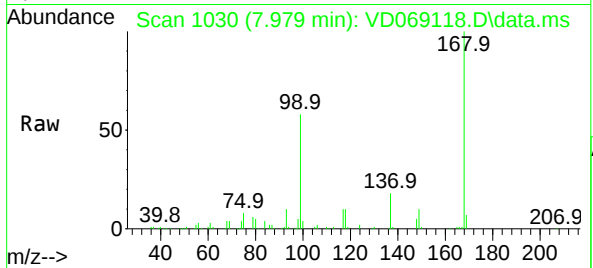




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

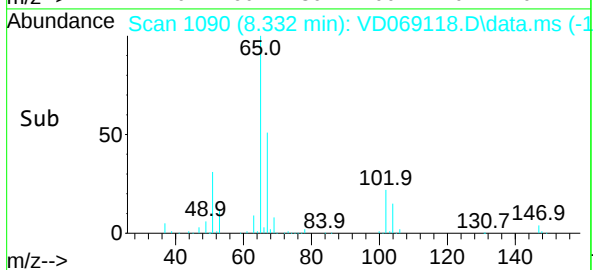
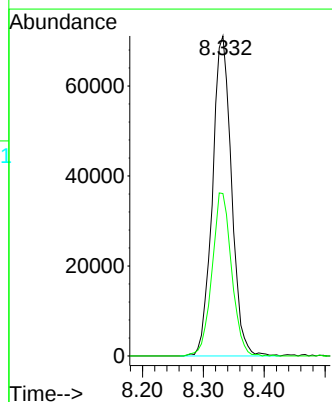
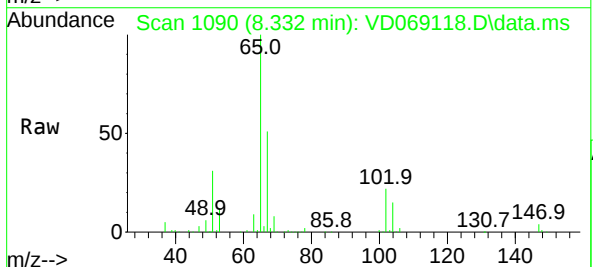
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

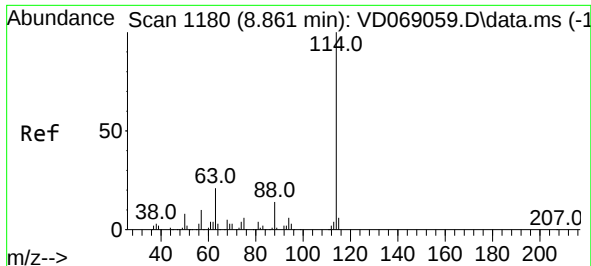
Tgt Ion:168 Resp: 259250
Ion Ratio Lower Upper
168 100
99 57.2 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 46.36 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

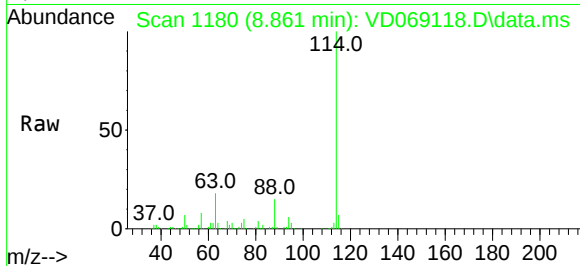
Tgt Ion: 65 Resp: 154904
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4



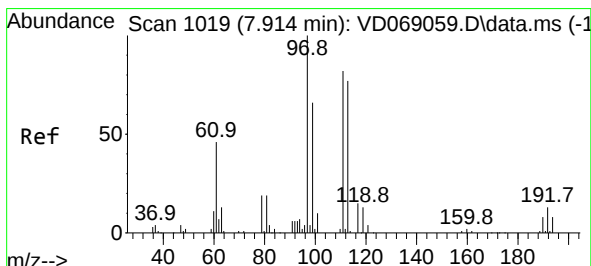
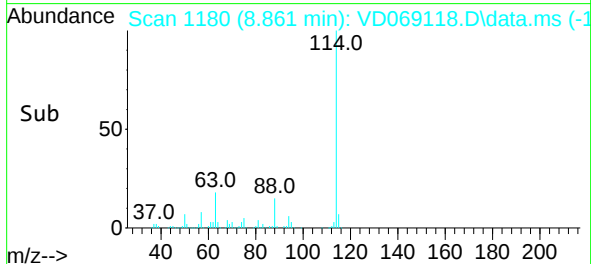
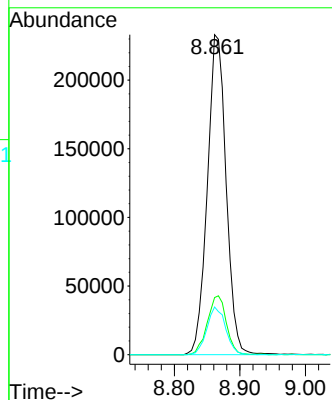


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

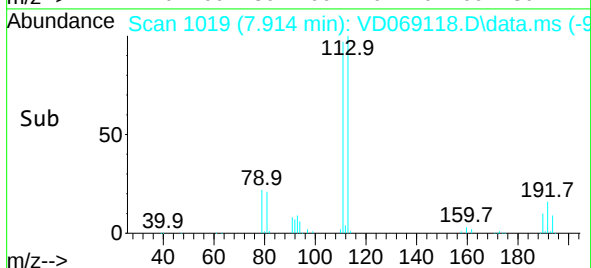
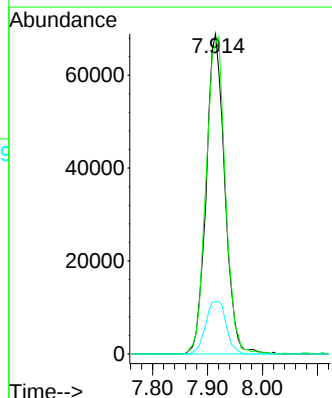
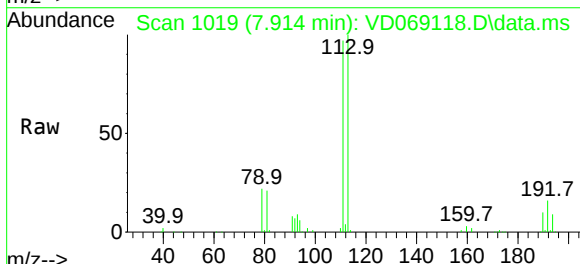


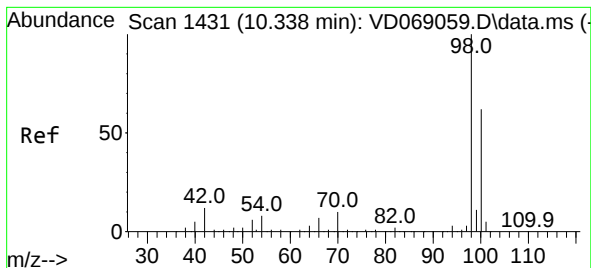
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	41.4
88	14.9	0.0	27.8



#35
Dibromofluoromethane
Concen: 50.64 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	84.6	126.8
192	18.2	13.5	20.3

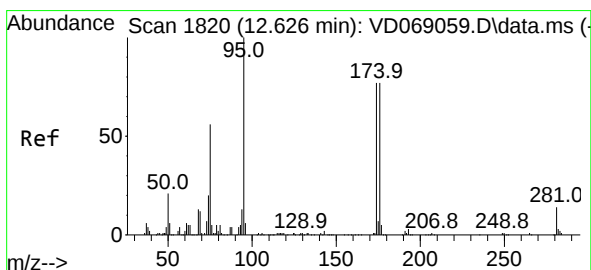
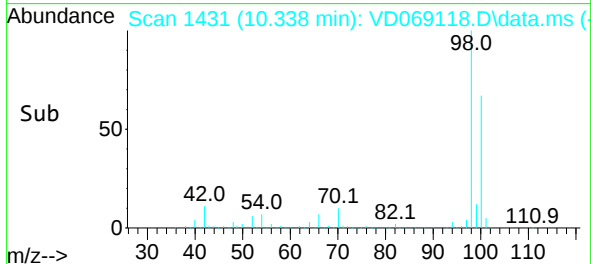
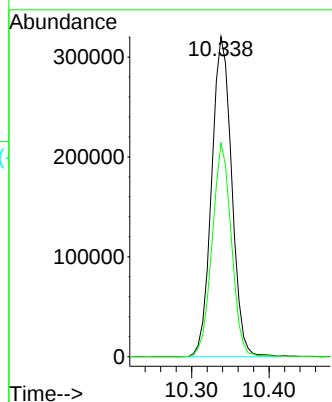
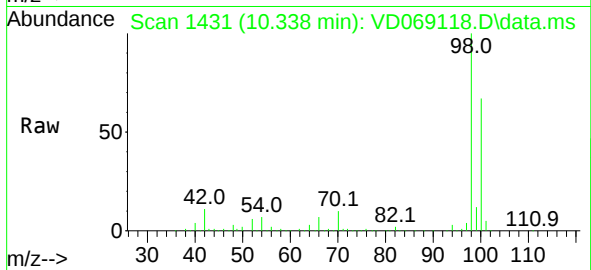




#50
Toluene-d8
Concen: 49.11 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

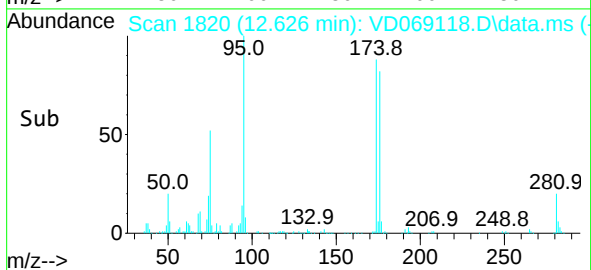
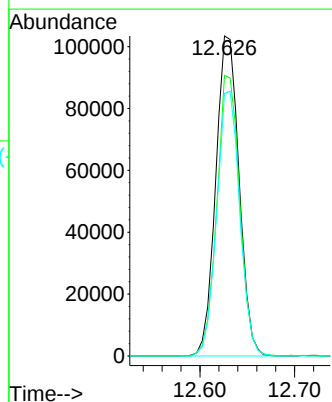
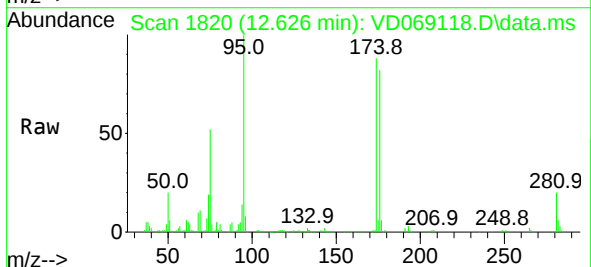
Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

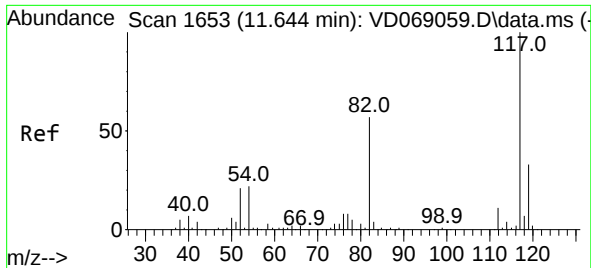
Tgt Ion: 98 Resp: 577092
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.76 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion: 95 Resp: 176851
Ion Ratio Lower Upper
95 100
174 86.2 0.0 156.0
176 81.6 0.0 149.4

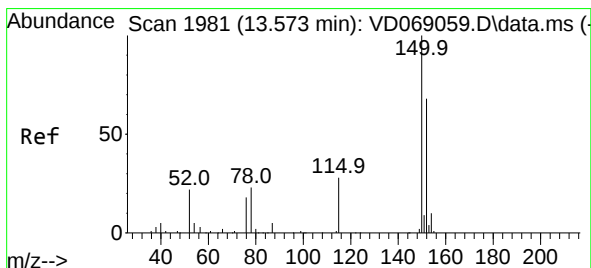
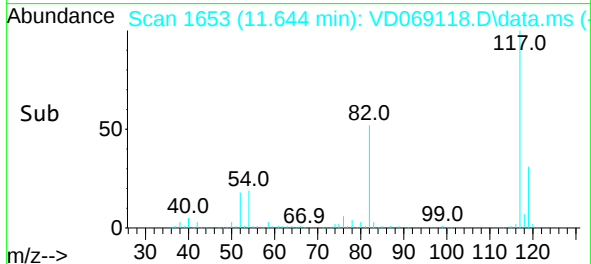
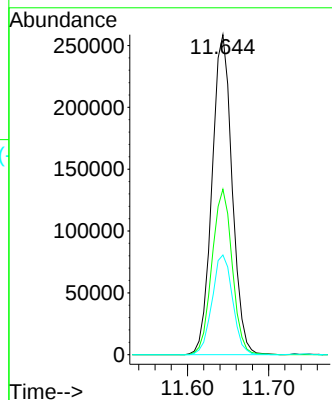
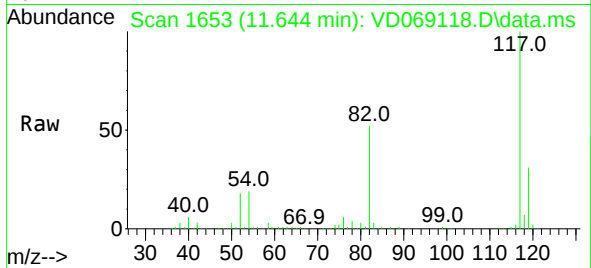




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069118.D
Acq: 10 May 2021 12:54

Instrument :
MSVOA_D
ClientSampleId :
VD0510SBL01

Tgt Ion:117 Resp: 445191
Ion Ratio Lower Upper
117 100
82 51.7 45.4 68.2
119 31.1 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: VD069118.D
Acq: 10 May 2021 12:54

Tgt Ion:152 Resp: 193605
Ion Ratio Lower Upper
152 100
115 59.0 30.5 91.5
150 160.5 0.0 340.8

