

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071621\
 Data File : VD069718.D
 Acq On : 16 Jul 2021 11:44
 Operator : VA/SY
 Sample : VD0716SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0716SBL01

Quant Time: Jul 16 16:13:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	583391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1127101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1293168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	612692	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	345357	47.411	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.820%
35) Dibromofluoromethane	7.909	113	361064	47.750	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.500%
50) Toluene-d8	10.338	98	1505174	51.237	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.480%
62) 4-Bromofluorobenzene	12.626	95	600629	61.305	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.620%

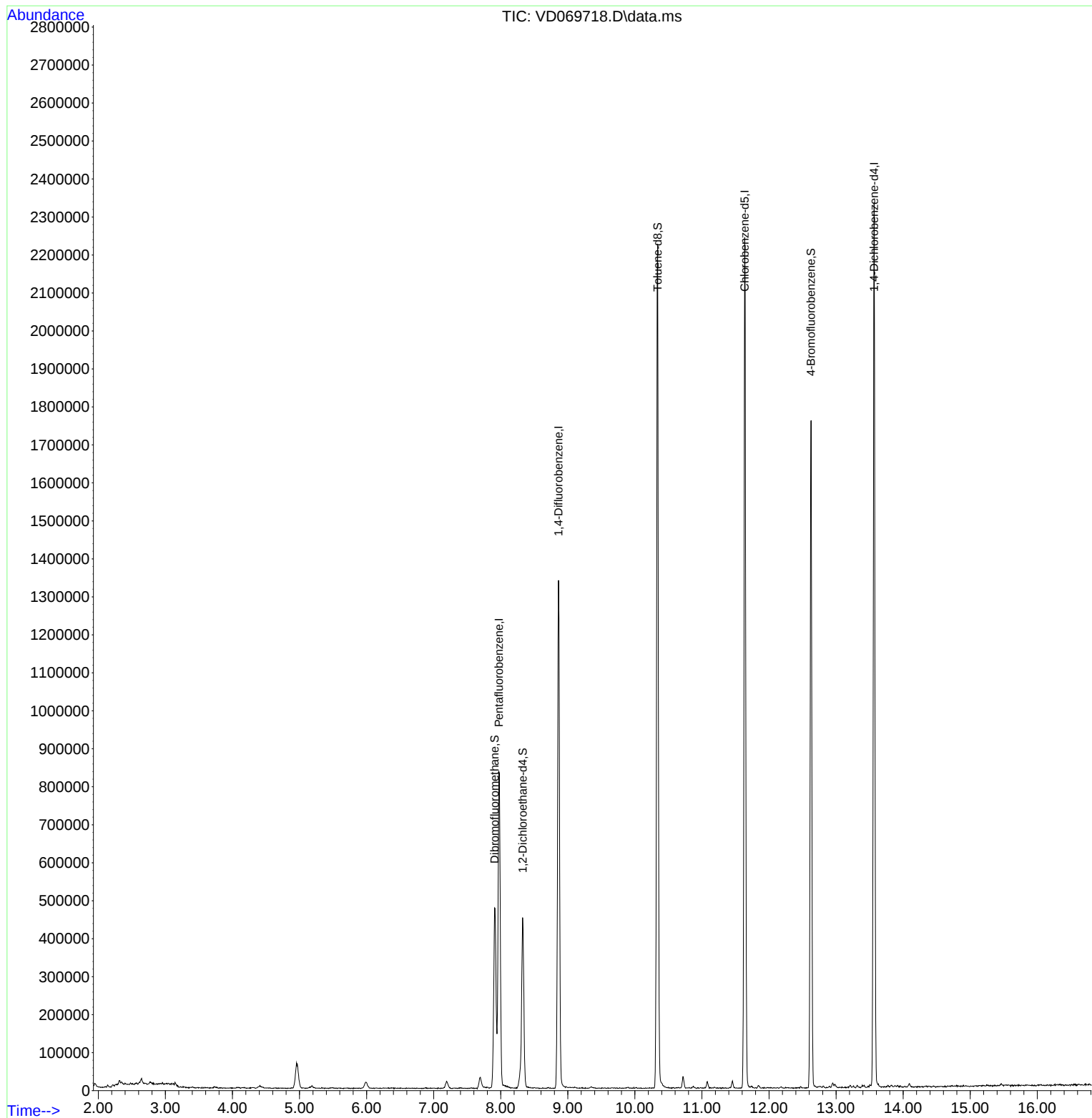
Target Compounds	Qvalue

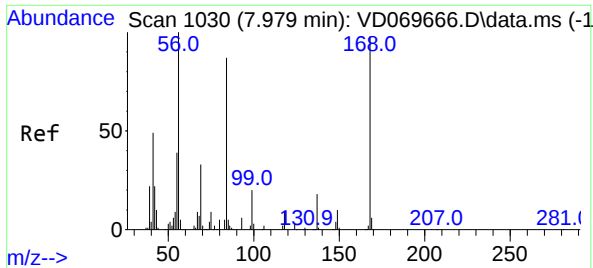
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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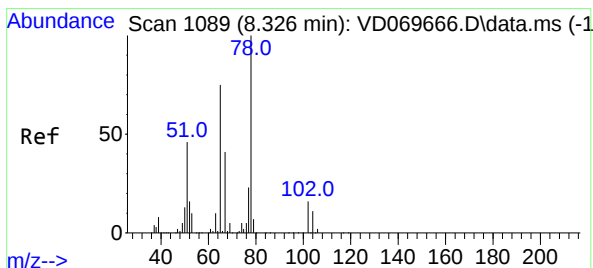
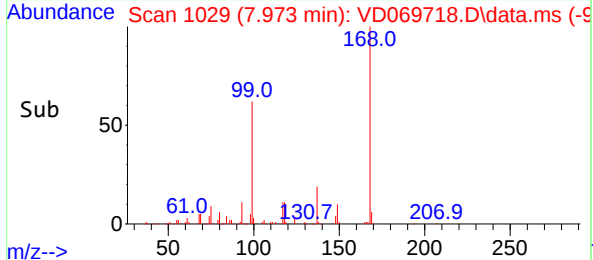
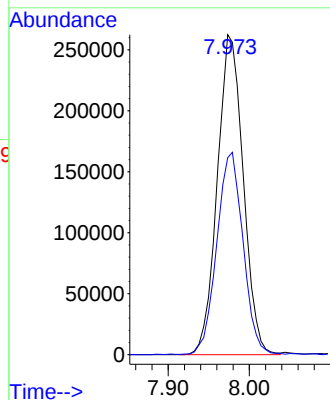
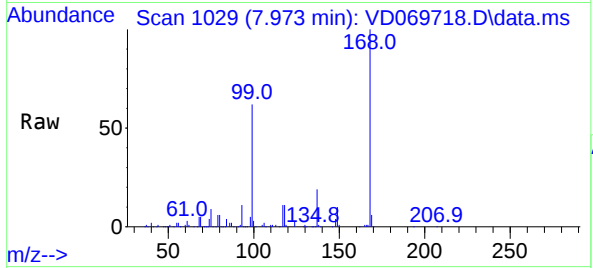




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

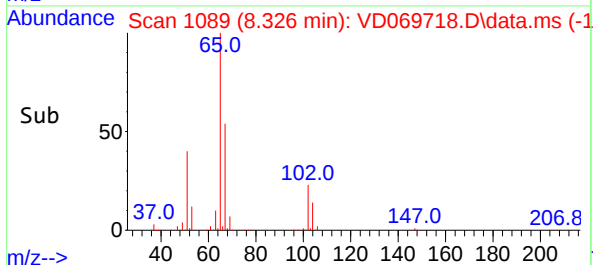
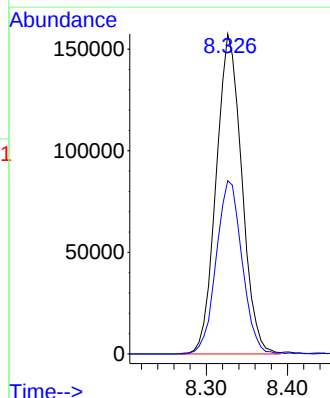
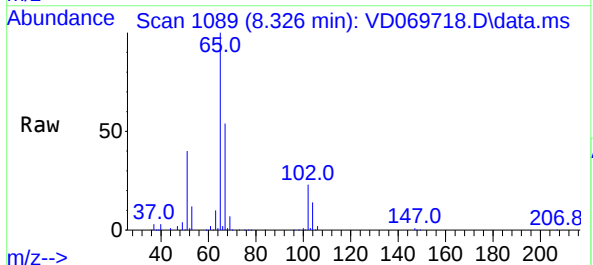
Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

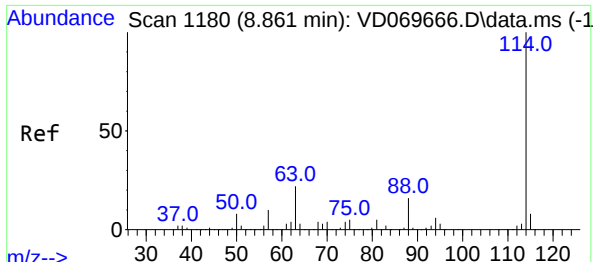
Tgt Ion:168 Resp: 583391
Ion Ratio Lower Upper
168 100
99 61.5 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 47.411 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Tgt Ion: 65 Resp: 345357
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2



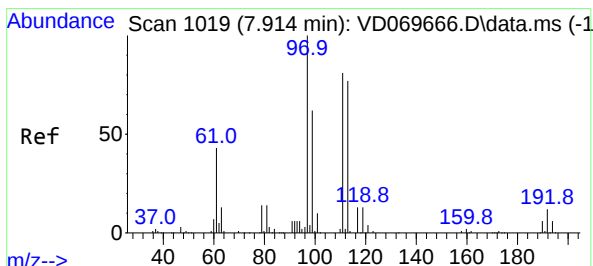
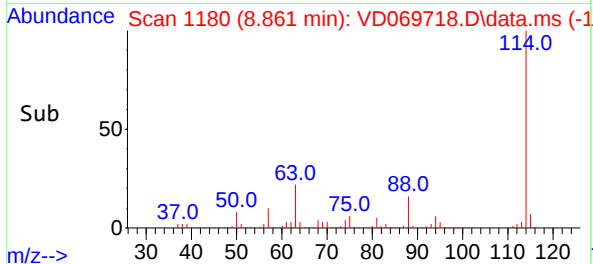
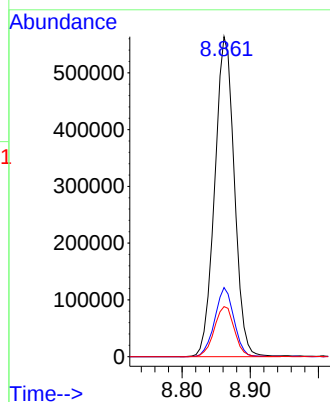
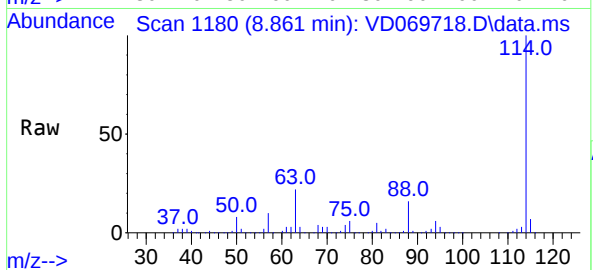


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

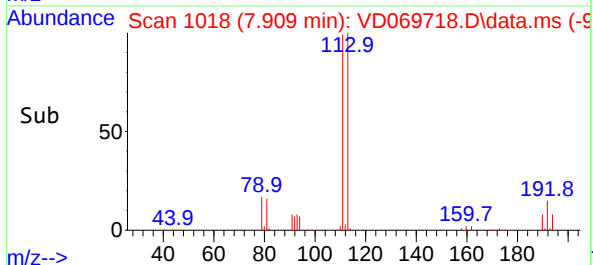
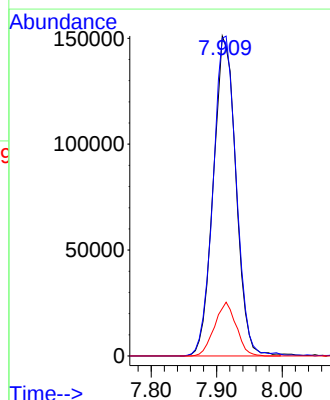
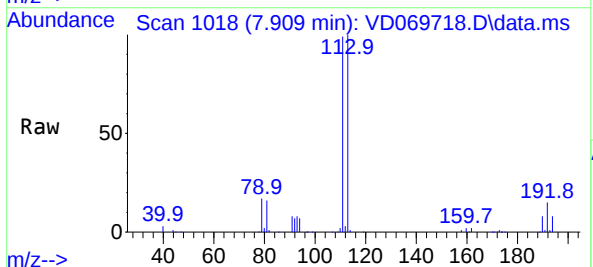
Tgt Ion:114 Resp: 1127101
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.4
88 15.7 0.0 32.0

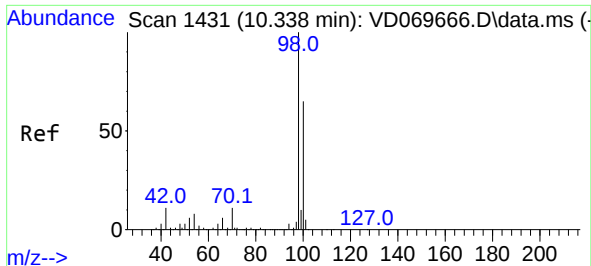


#35

Dibromofluoromethane
Concen: 47.750 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Tgt Ion:113 Resp: 361064
Ion Ratio Lower Upper
113 100
111 102.4 82.6 123.8
192 16.1 12.7 19.1

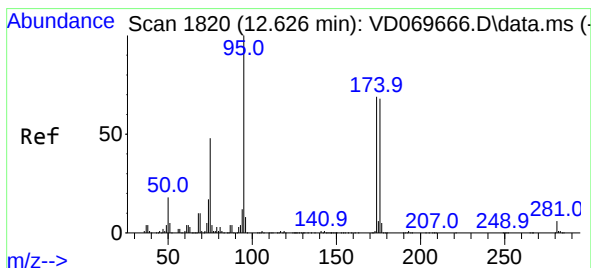
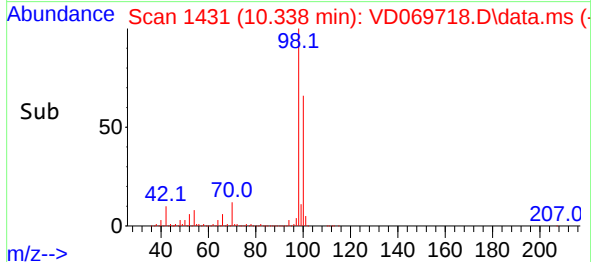
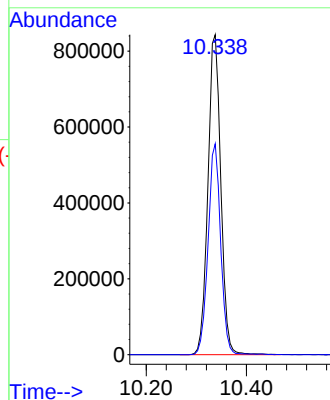
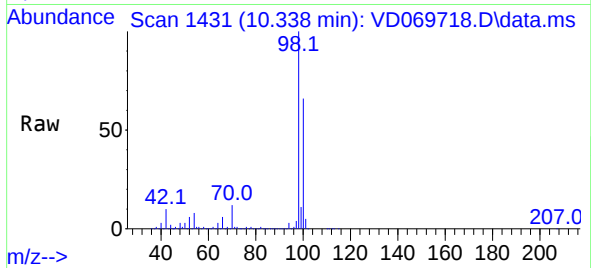




#50
Toluene-d8
Concen: 51.237 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

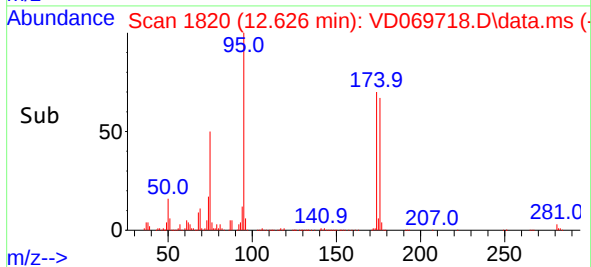
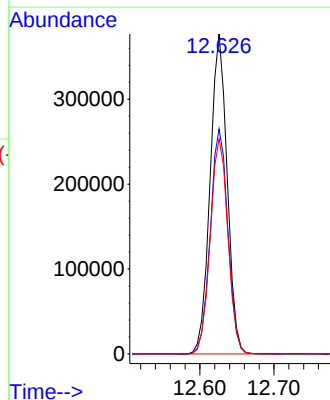
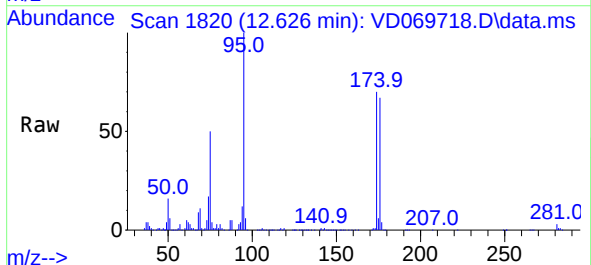
Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

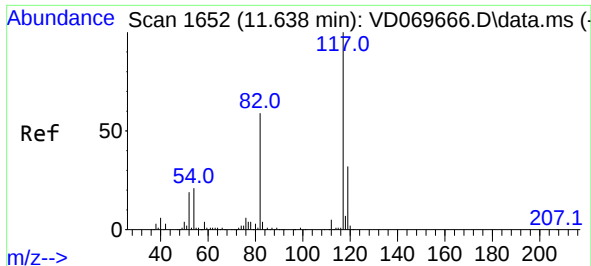
Tgt Ion: 98 Resp: 1505174
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 61.305 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Tgt Ion: 95 Resp: 600629
Ion Ratio Lower Upper
95 100
174 72.7 0.0 140.0
176 69.2 0.0 136.2

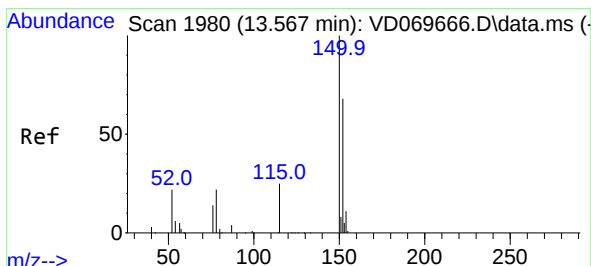
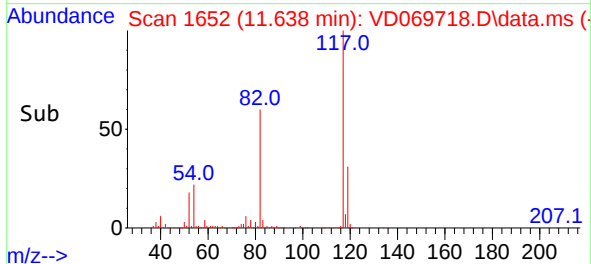
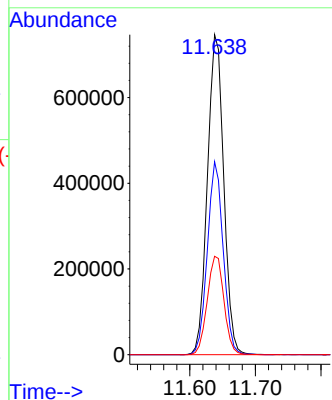
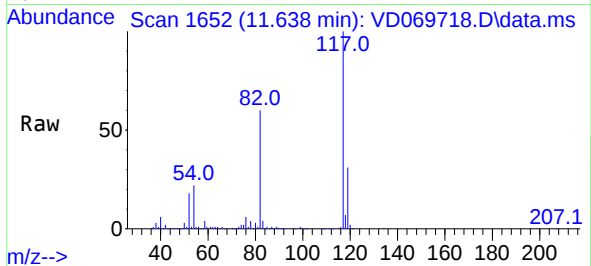




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Instrument :
MSVOA_D
ClientSampleId :
VD0716SBL01

Tgt Ion:117 Resp: 1293168
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.2
119 30.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069718.D
Acq: 16 Jul 2021 11:44

Tgt Ion:152 Resp: 612692
Ion Ratio Lower Upper
152 100
115 61.7 31.7 95.1
150 155.3 0.0 350.4

