

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072821\
 Data File : VD069891.D
 Acq On : 28 Jul 2021 16:22
 Operator : VA/SY
 Sample : M3215-02
 Misc : 5.39G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PS-2

Quant Time: Jul 29 04:00:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	804461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1550356	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1390322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	524545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	552840	59.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.500%
35) Dibromofluoromethane	7.908	113	512539	52.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.880%
50) Toluene-d8	10.338	98	1962775	52.083	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.160%
62) 4-Bromofluorobenzene	12.626	95	591508	46.965	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.920%

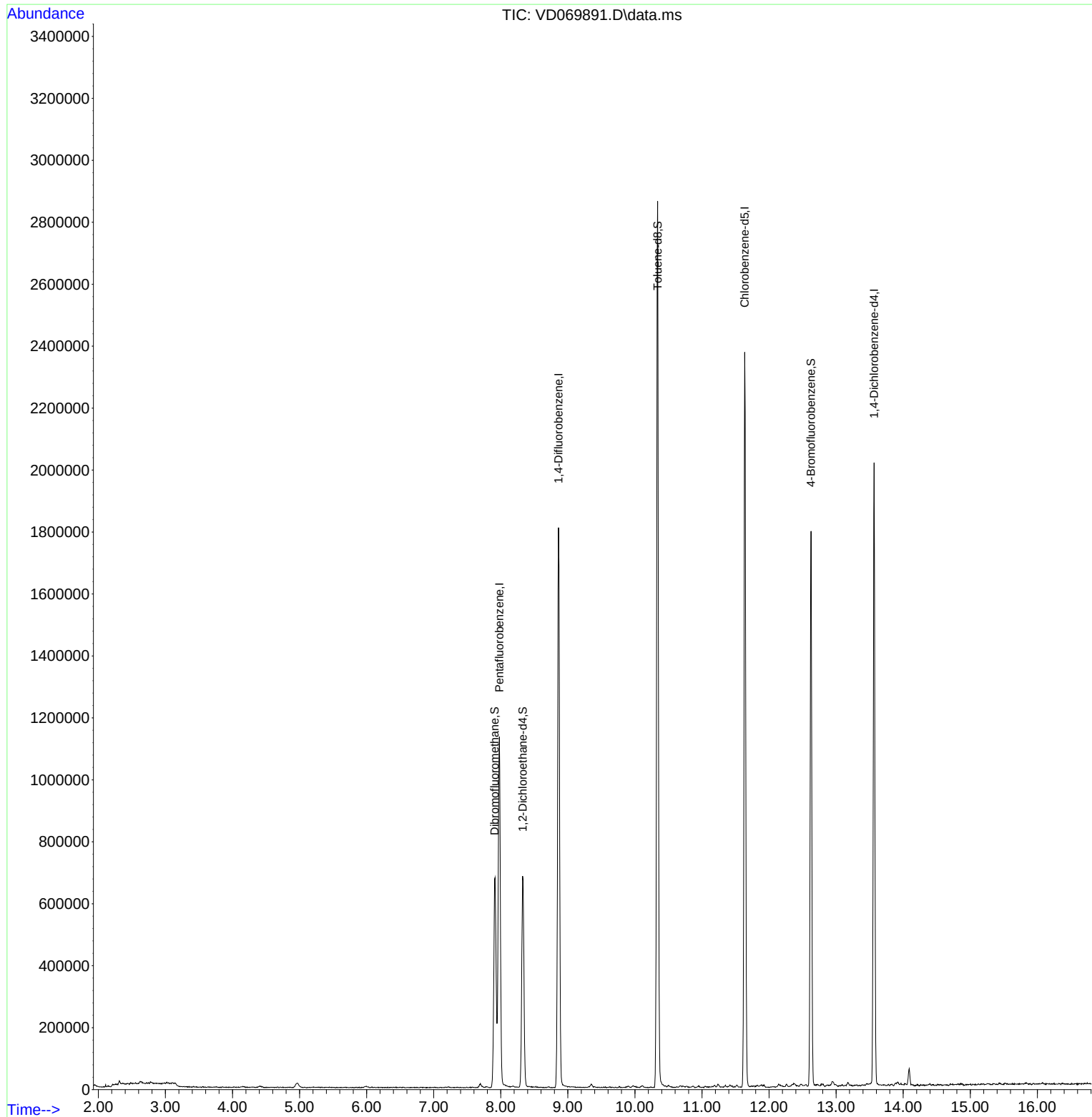
Target Compounds	Qvalue

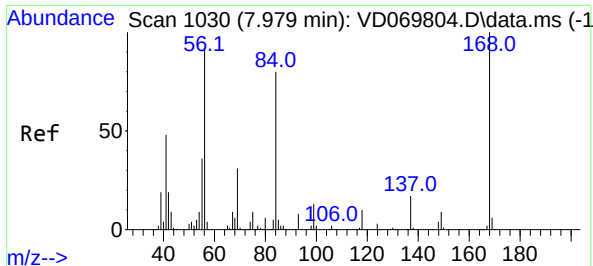
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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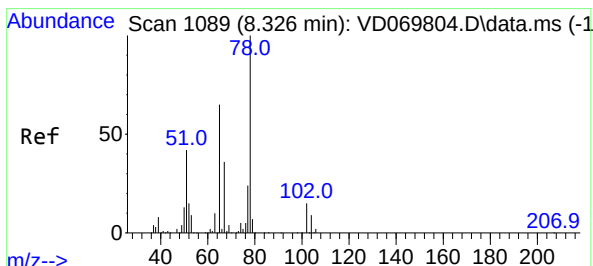
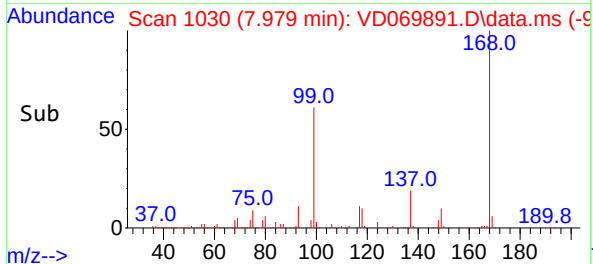
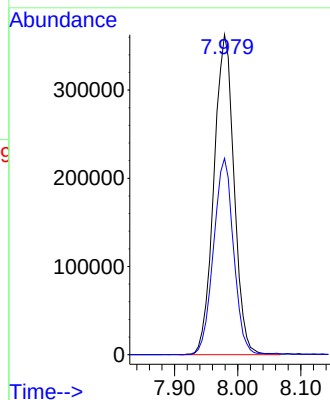
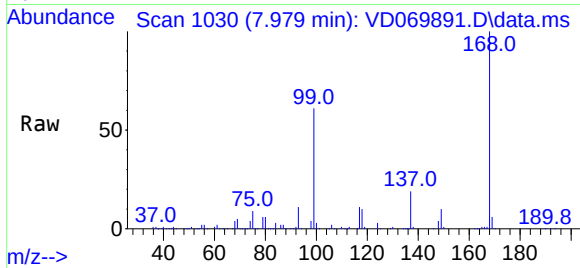




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069891.D
Acq: 28 Jul 2021 16:22

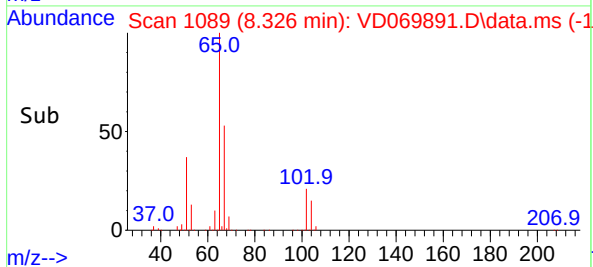
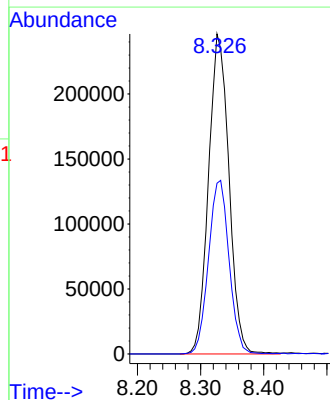
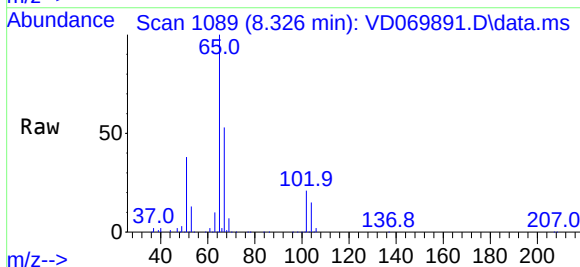
Instrument :
MSVOA_D
ClientSampled :
PS-2

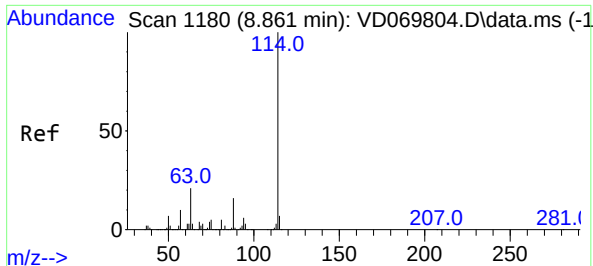
Tgt Ion:168 Resp: 804461
Ion Ratio Lower Upper
168 100
99 61.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 59.753 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD069891.D
Acq: 28 Jul 2021 16:22

Tgt Ion: 65 Resp: 552840
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.2



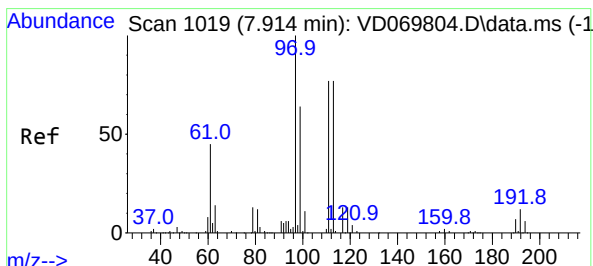
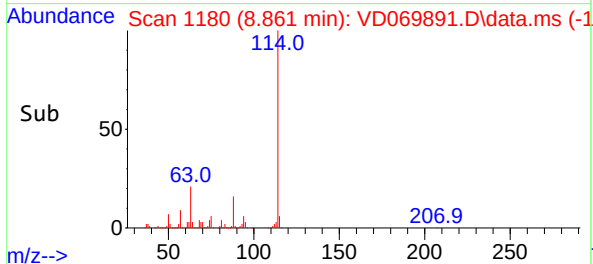
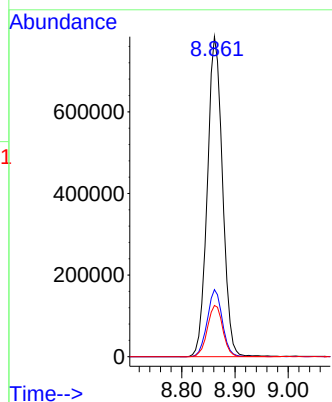
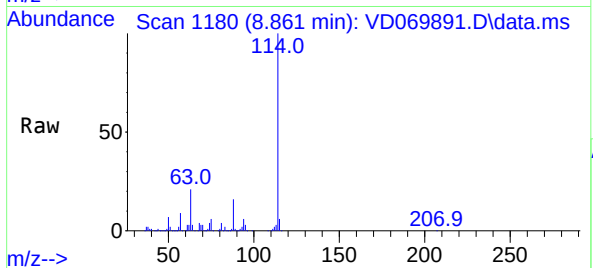


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069891.D
Acq: 28 Jul 2021 16:22

Instrument :
MSVOA_D
ClientSampled :
PS-2

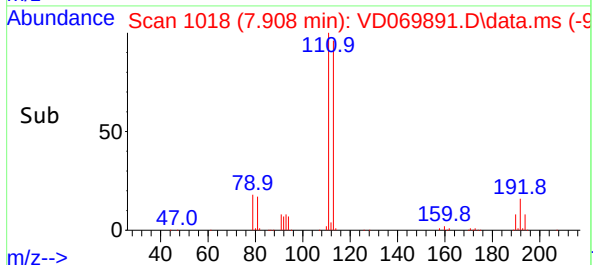
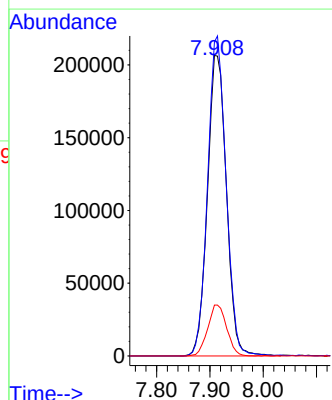
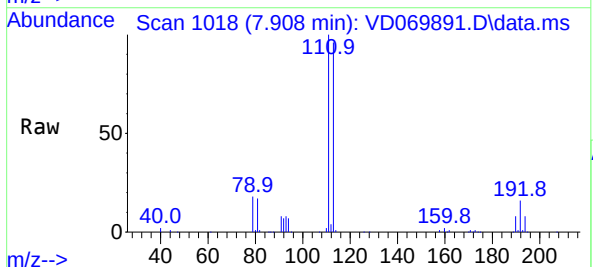
Tgt Ion:114 Resp: 1550356
Ion Ratio Lower Upper
114 100
63 21.0 0.0 41.6
88 16.0 0.0 31.4

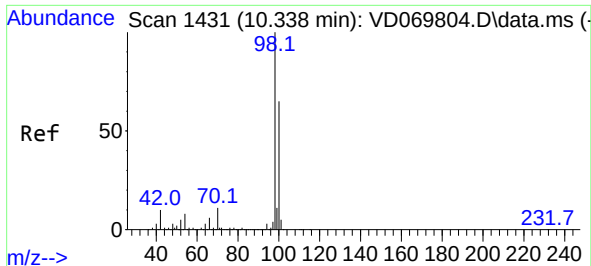


#35

Dibromofluoromethane
Concen: 52.442 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069891.D
Acq: 28 Jul 2021 16:22

Tgt Ion:113 Resp: 512539
Ion Ratio Lower Upper
113 100
111 103.3 80.5 120.7
192 16.9 12.6 19.0

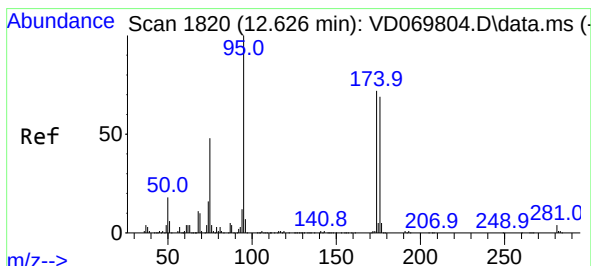
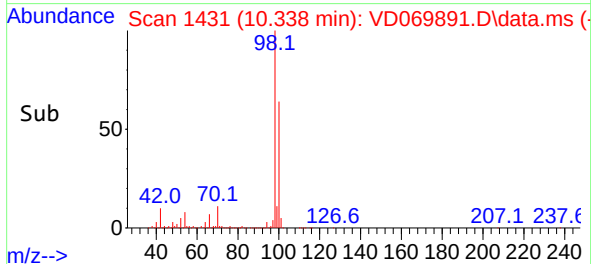
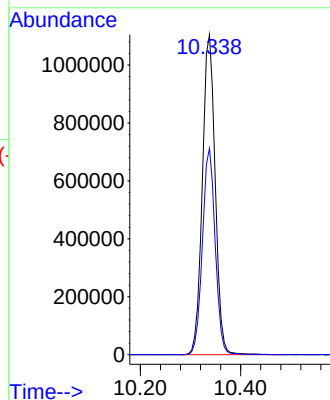
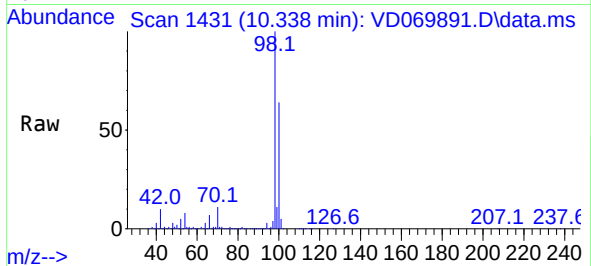




#50
Toluene-d8
Concen: 52.083 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069891.D
Acq: 28 Jul 2021 16:22

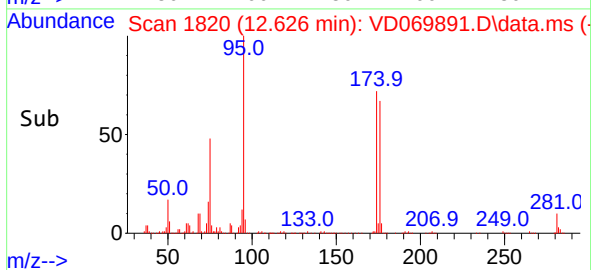
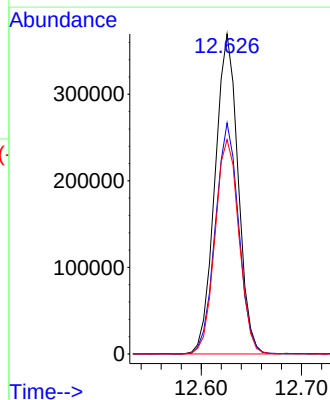
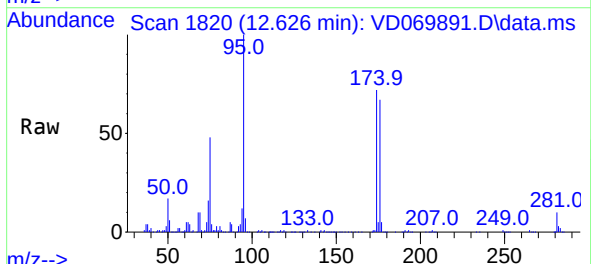
Instrument :
MSVOA_D
ClientSampled :
PS-2

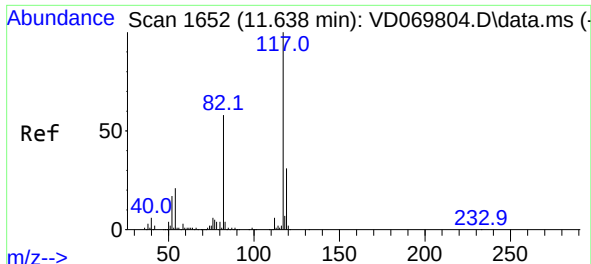
Tgt Ion: 98 Resp: 1962775
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.965 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069891.D
Acq: 28 Jul 2021 16:22

Tgt Ion: 95 Resp: 591508
Ion Ratio Lower Upper
95 100
174 73.1 0.0 142.6
176 69.3 0.0 134.2

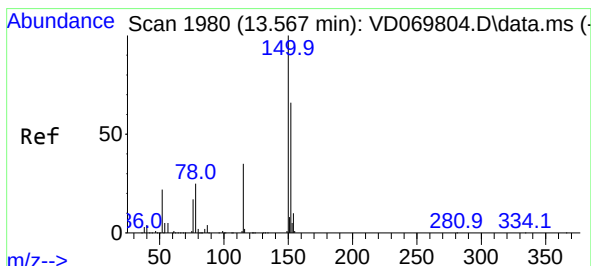
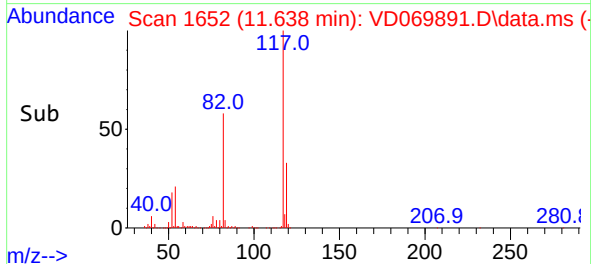
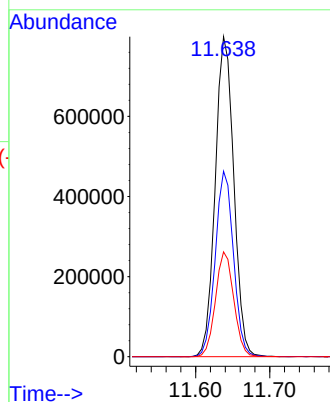
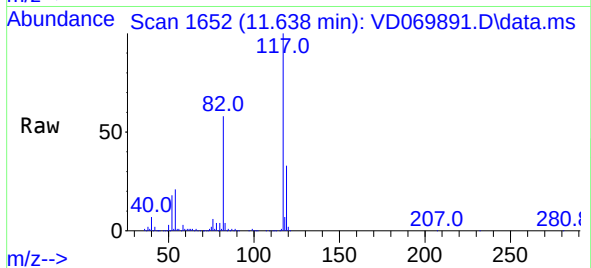




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069891.D
Acq: 28 Jul 2021 16:22

Instrument :
MSVOA_D
ClientSampleId :
PS-2

Tgt Ion:117 Resp: 1390322
Ion Ratio Lower Upper
117 100
82 57.9 46.3 69.5
119 32.8 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD069891.D
Acq: 28 Jul 2021 16:22

Tgt Ion:152 Resp: 524545
Ion Ratio Lower Upper
152 100
115 61.6 31.1 93.3
150 159.4 0.0 343.0

