

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083121\
 Data File : VD070283.D
 Acq On : 31 Aug 2021 16:55
 Operator : VA/SY
 Sample : M3605-04
 Misc : 4.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PP-1

Quant Time: Sep 01 03:59:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	439539	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	925239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	945984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	406005	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	310299	60.023	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.040%
35) Dibromofluoromethane	7.908	113	311574	52.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.240%
50) Toluene-d8	10.338	98	1219881	52.469	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.940%
62) 4-Bromofluorobenzene	12.626	95	415286	54.230	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.460%

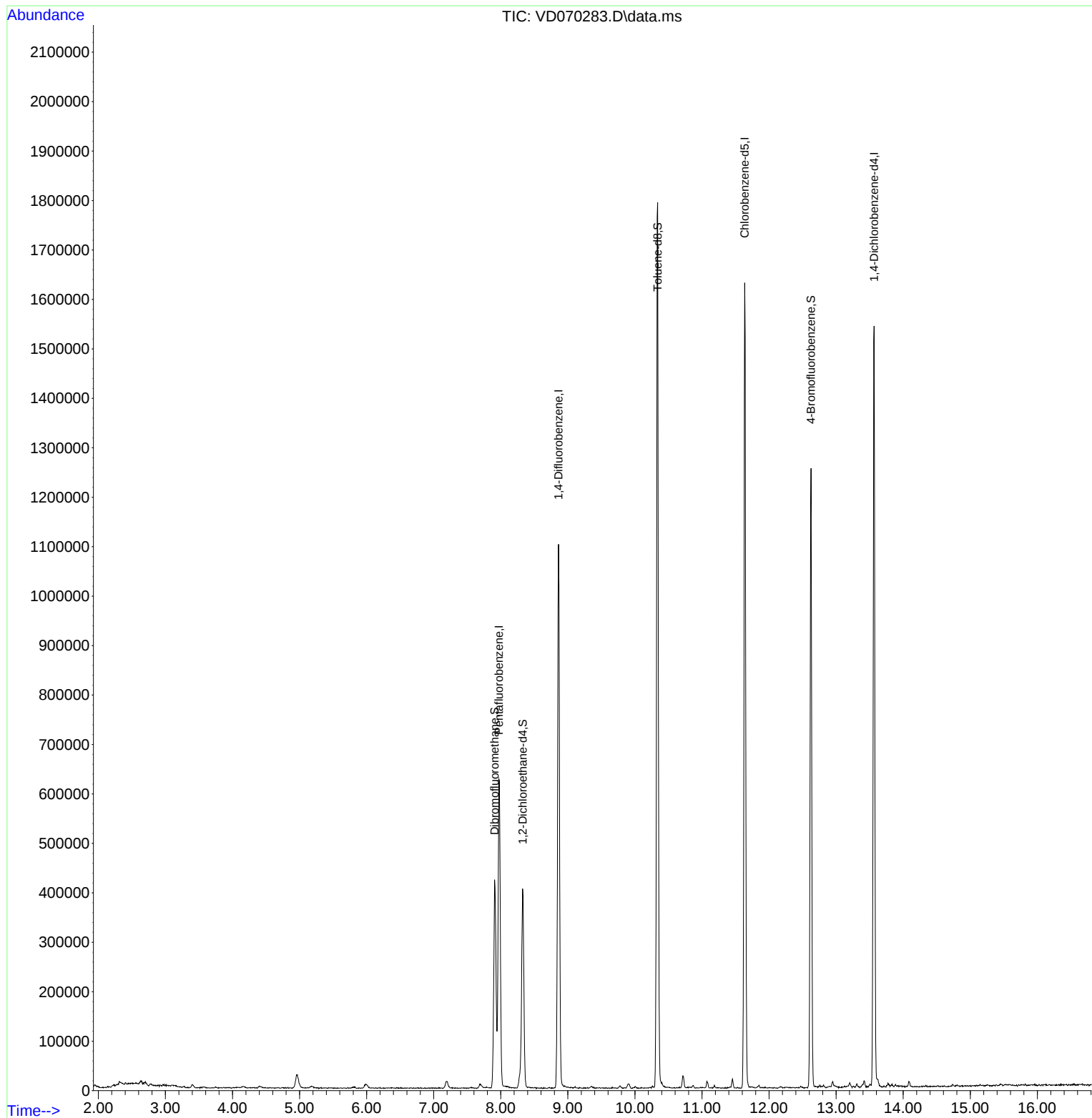
Target Compounds	Qvalue

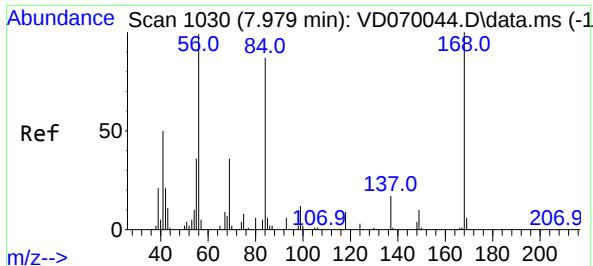
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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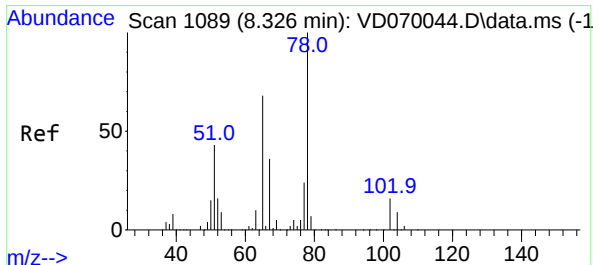
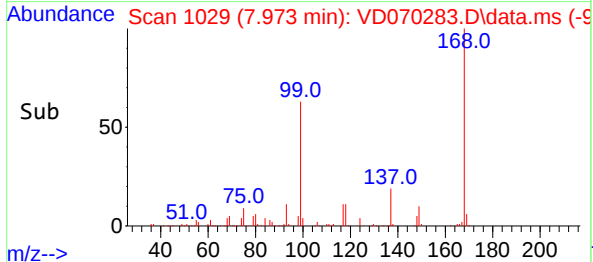
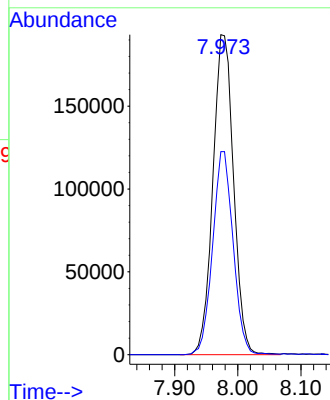
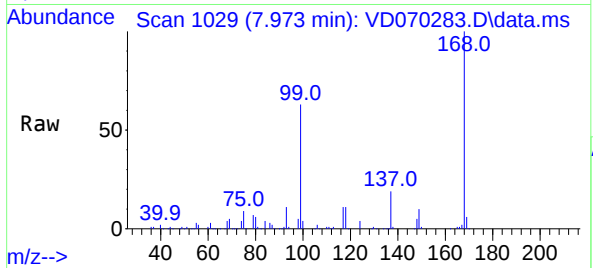




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

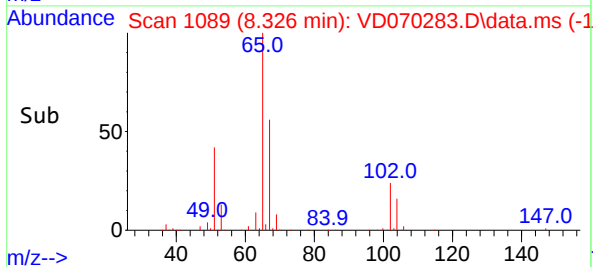
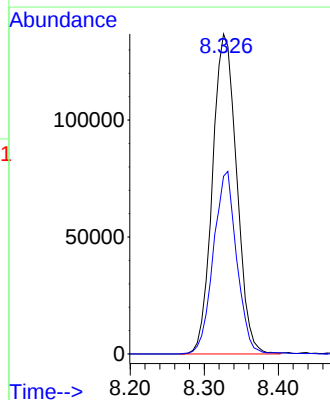
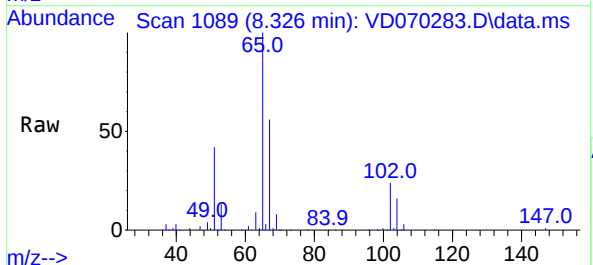
Instrument :
MSVOA_D
ClientSampleId :
PP-1

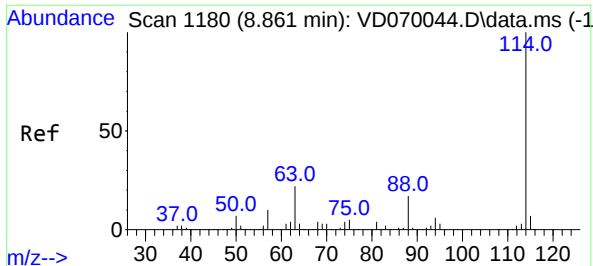
Tgt Ion:168 Resp: 439539
Ion Ratio Lower Upper
168 100
99 63.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 60.023 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion: 65 Resp: 310299
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.8



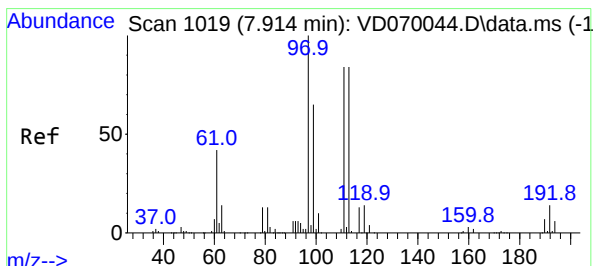
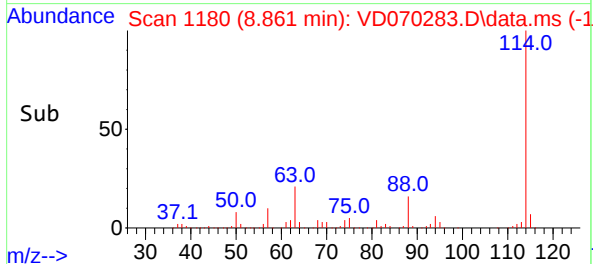
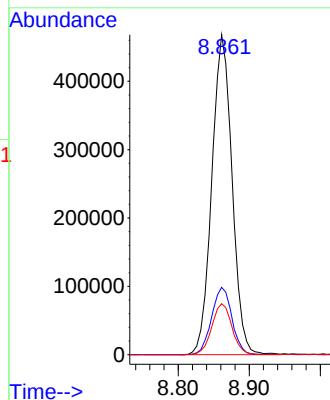
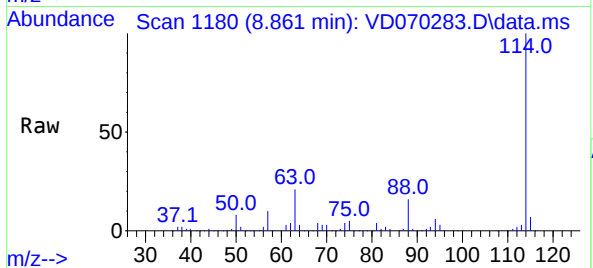


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Instrument :
MSVOA_D
ClientSampled :
PP-1

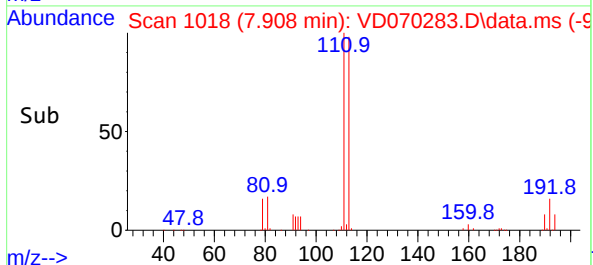
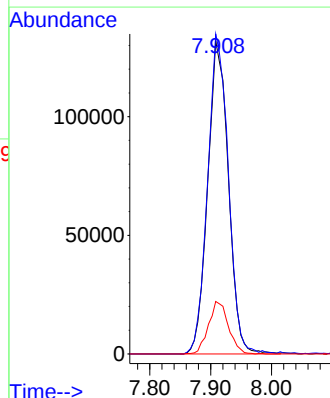
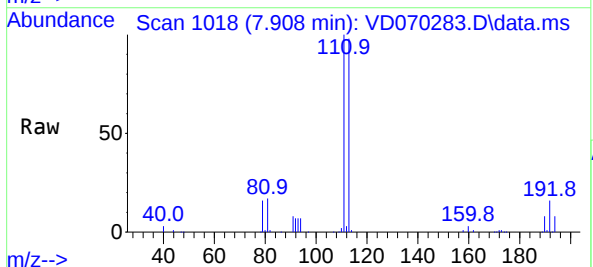
Tgt Ion:114 Resp: 925239
Ion Ratio Lower Upper
114 100
63 21.0 0.0 43.6
88 15.9 0.0 33.4

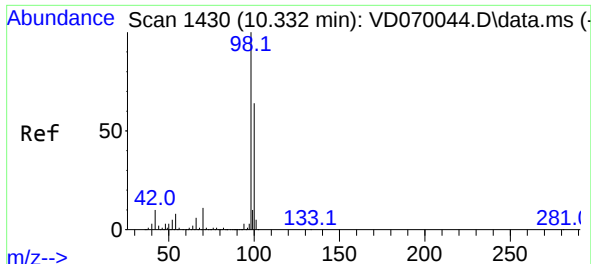


#35

Dibromofluoromethane
Concen: 52.123 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion:113 Resp: 311574
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 16.1 13.2 19.8

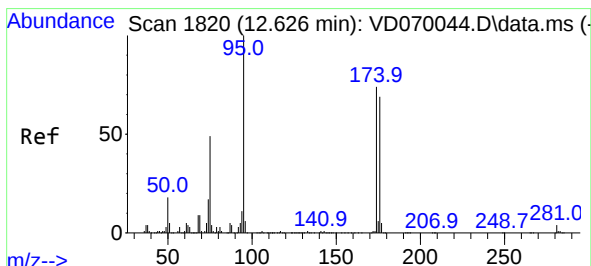
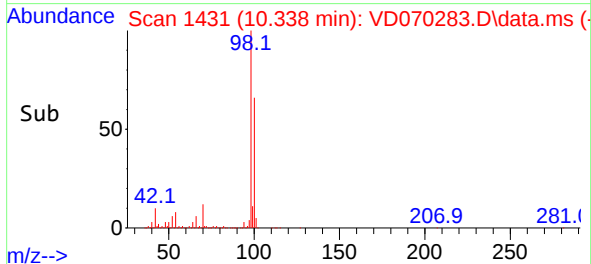
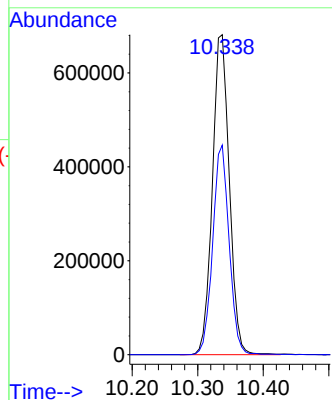
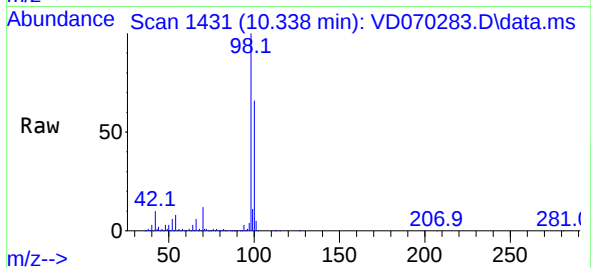




#50
Toluene-d8
Concen: 52.469 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

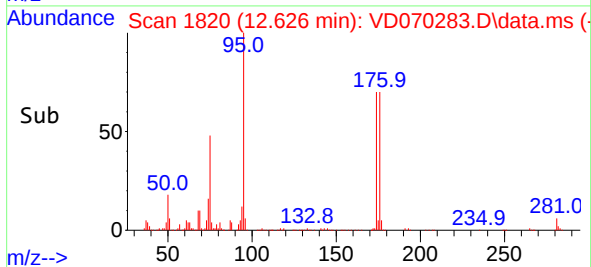
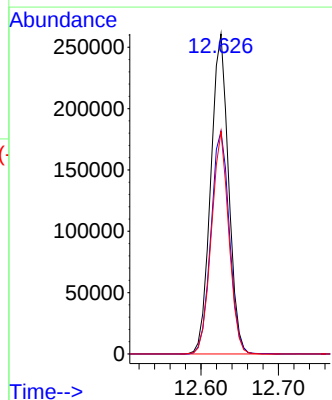
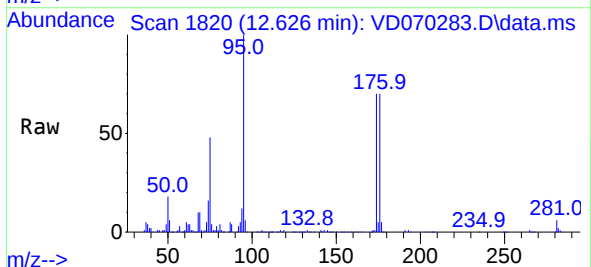
Instrument :
MSVOA_D
ClientSampled :
PP-1

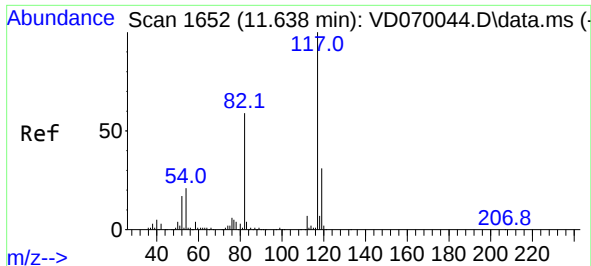
Tgt Ion: 98 Resp: 1219881
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.230 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion: 95 Resp: 415286
Ion Ratio Lower Upper
95 100
174 72.0 0.0 141.6
176 67.9 0.0 138.2

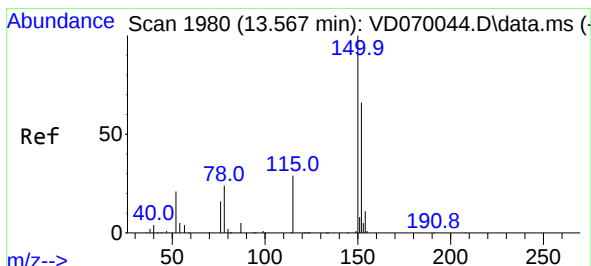
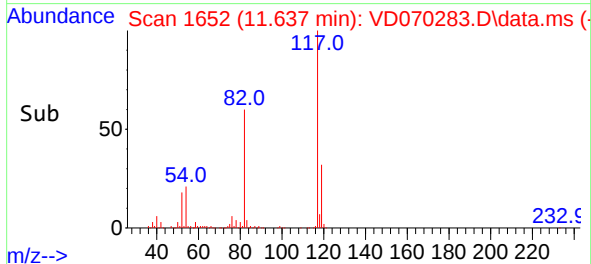
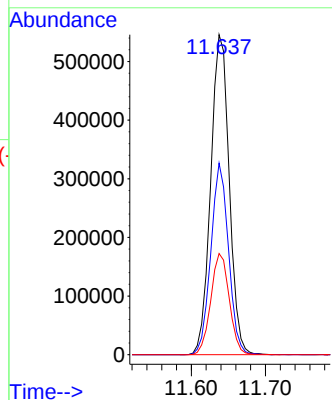
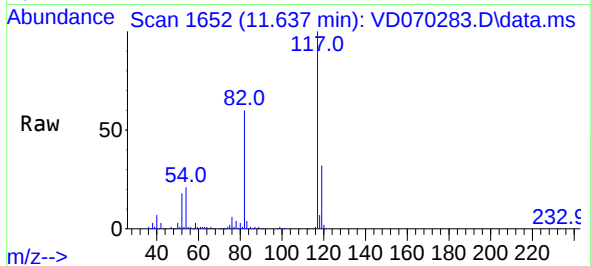




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Instrument :
MSVOA_D
ClientSampled :
PP-1

Tgt Ion:117 Resp: 945984
Ion Ratio Lower Upper
117 100
82 59.9 47.5 71.3
119 31.6 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070283.D
Acq: 31 Aug 2021 16:55

Tgt Ion:152 Resp: 406005
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 158.4 0.0 352.0

