

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070098.D
 Acq On : 17 Aug 2021 19:59
 Operator : VA/SY
 Sample : M3445-04
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TT-087-RW7-IDWSO-20210816-3

Quant Time: Aug 18 03:08:19 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	400995	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	836092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	846931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	391115	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	314169	66.613	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.220%
35) Dibromofluoromethane	7.914	113	293903	54.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.820%
50) Toluene-d8	10.338	98	1097297	52.228	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.460%
62) 4-Bromofluorobenzene	12.626	95	403435	58.300	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.600%

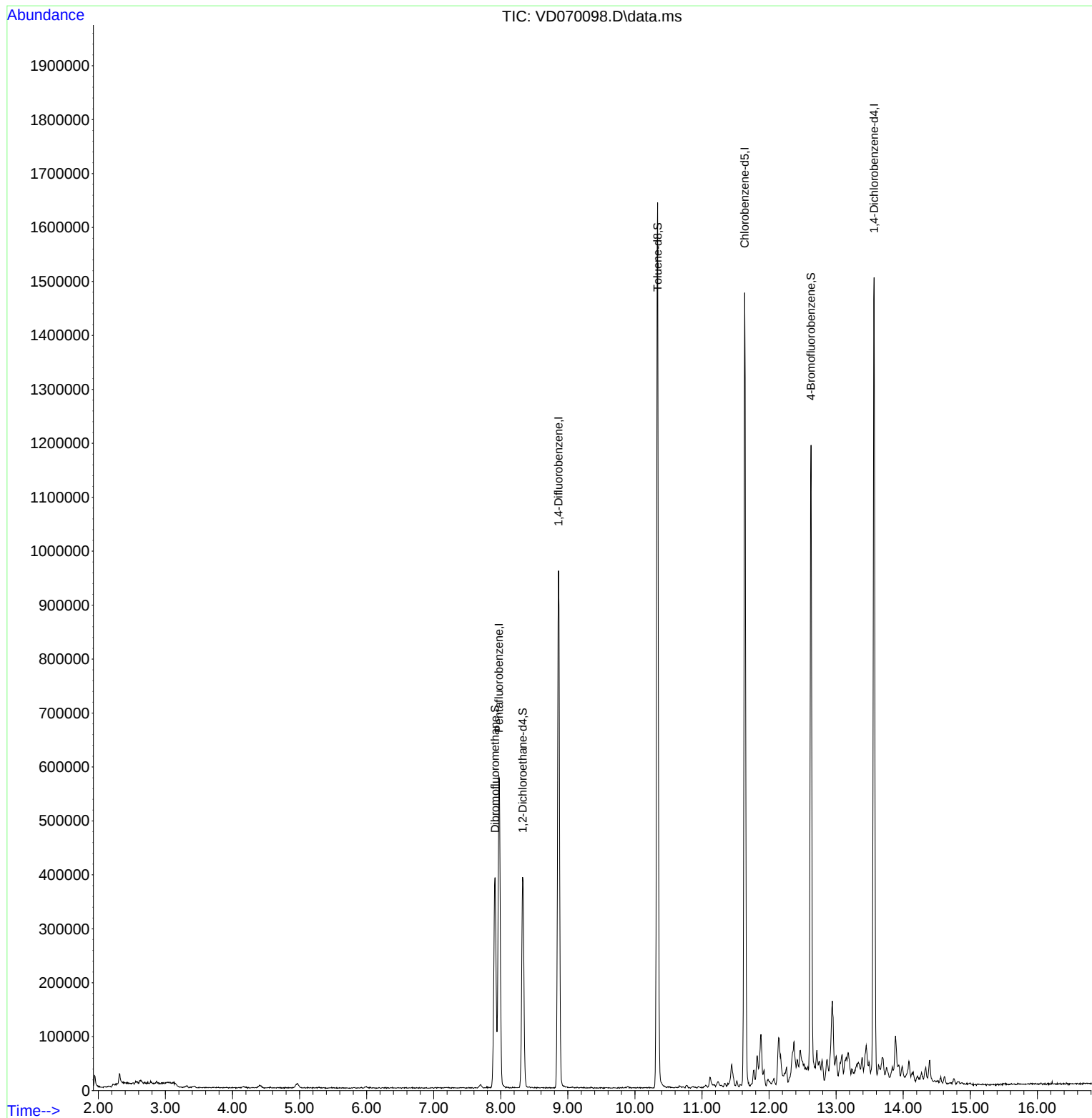
Target Compounds	Qvalue

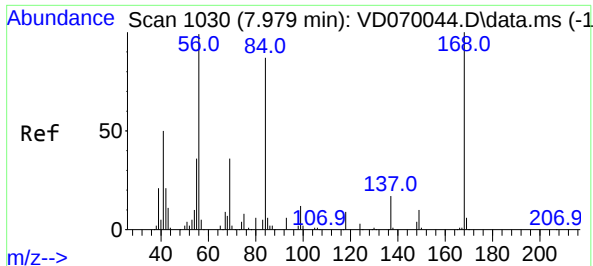
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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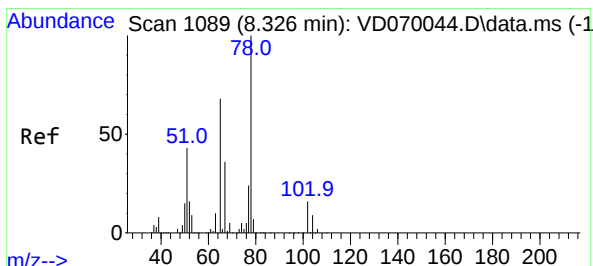
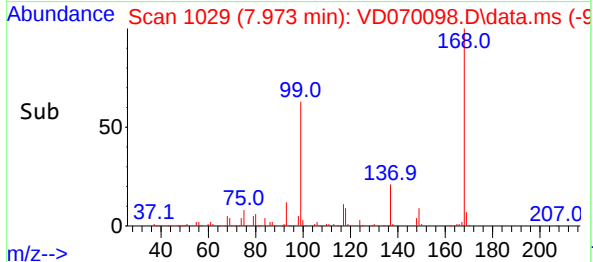
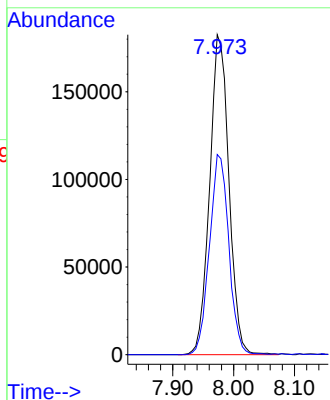
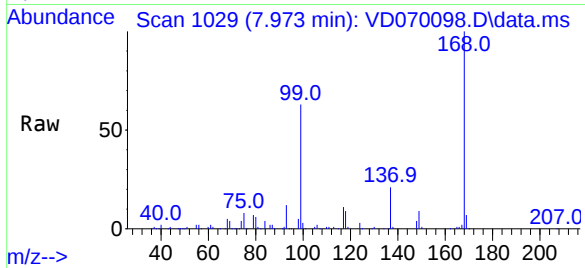




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070098.D
Acq: 17 Aug 2021 19:59

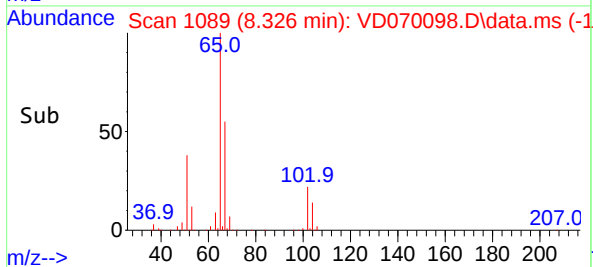
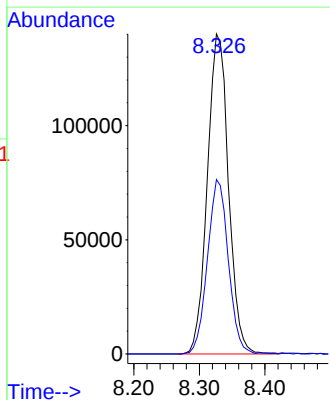
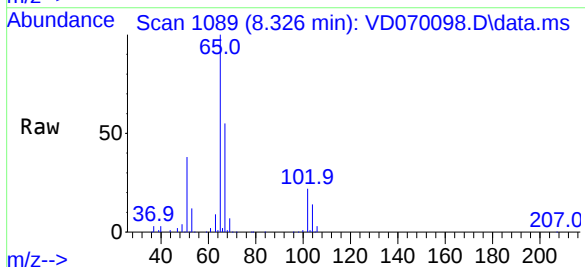
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-3

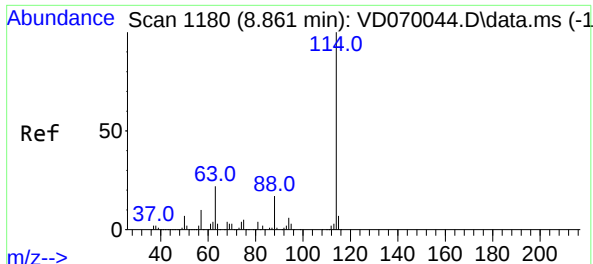
Tgt Ion:168 Resp: 400995
Ion Ratio Lower Upper
168 100
99 62.5 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 66.613 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070098.D
Acq: 17 Aug 2021 19:59

Tgt Ion: 65 Resp: 314169
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.8



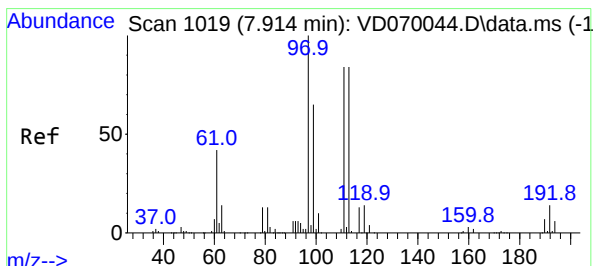
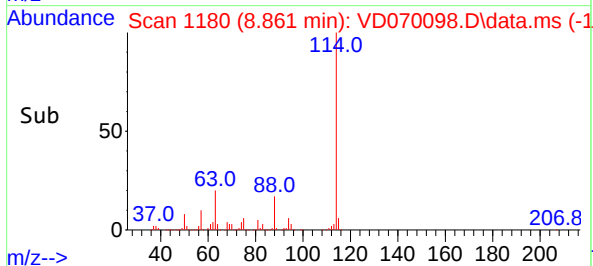
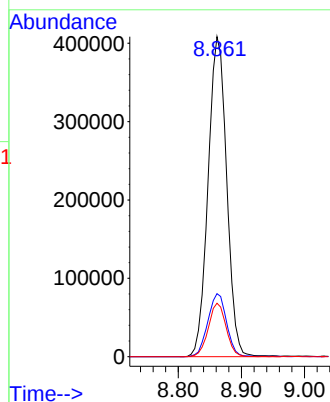
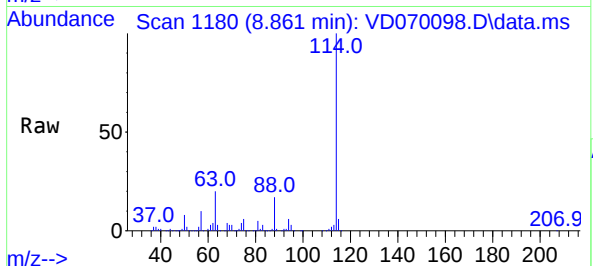


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070098.D
Acq: 17 Aug 2021 19:59

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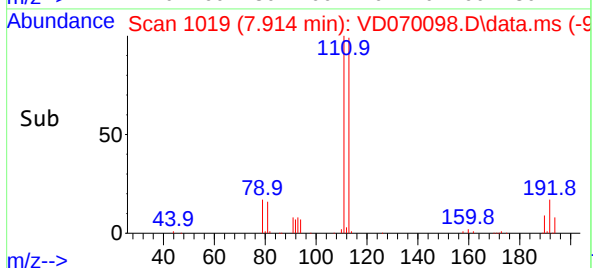
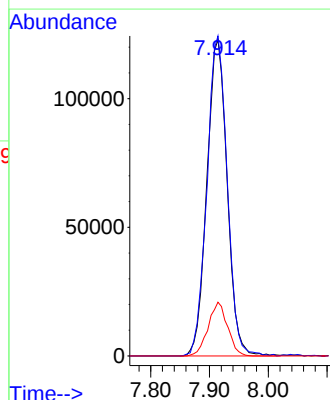
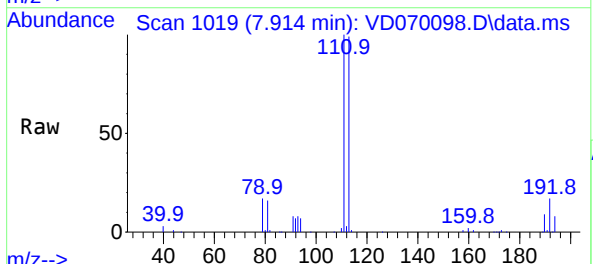
Tgt Ion:114 Resp: 836092
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.6
88 16.7 0.0 33.4

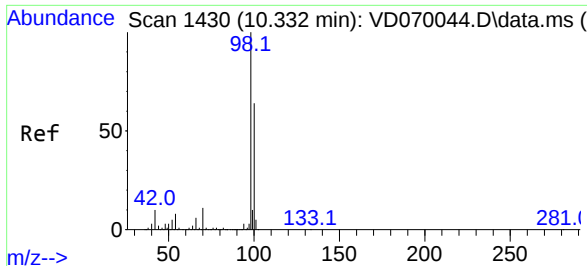


#35

Dibromofluoromethane
Concen: 54.409 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070098.D
Acq: 17 Aug 2021 19:59

Tgt Ion:113 Resp: 293903
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.6
192 16.3 13.2 19.8

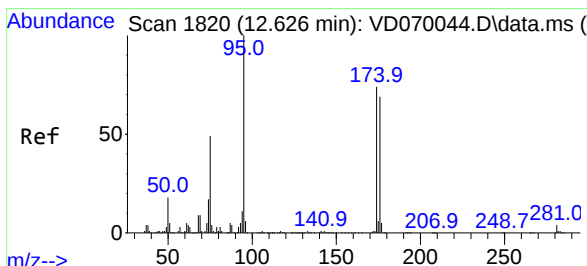
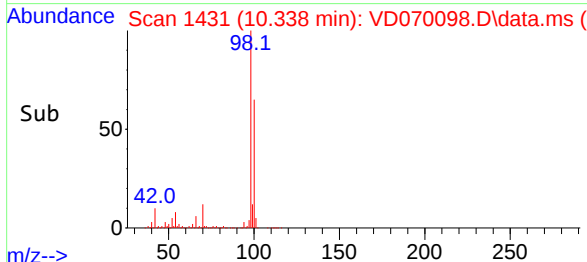
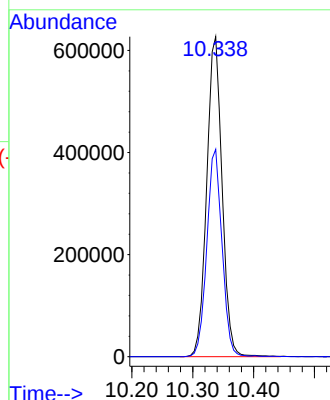
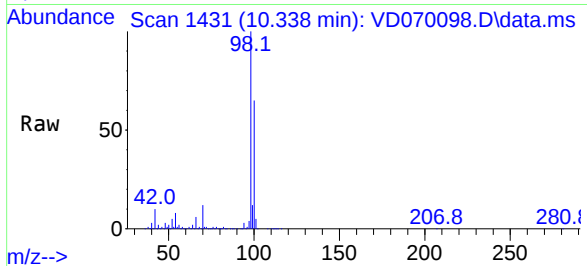




#50
Toluene-d8
Concen: 52.228 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070098.D
Acq: 17 Aug 2021 19:59

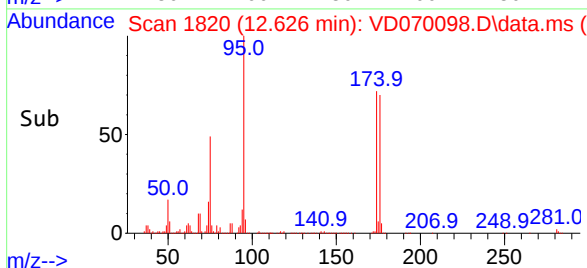
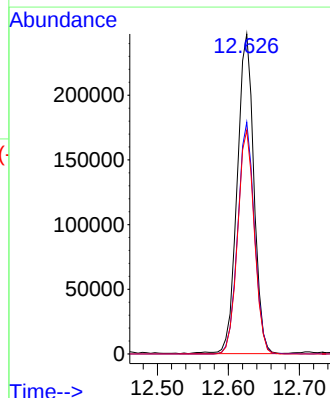
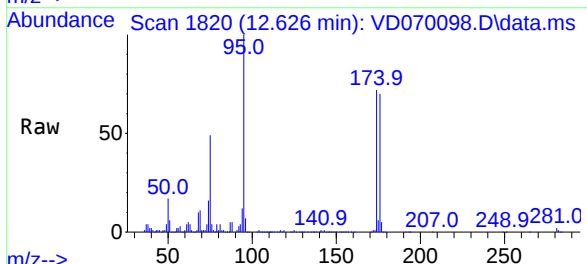
Instrument :
MSVOA_D
ClientSampleId :
TT-087-RW7-IDWSO-20210816-3

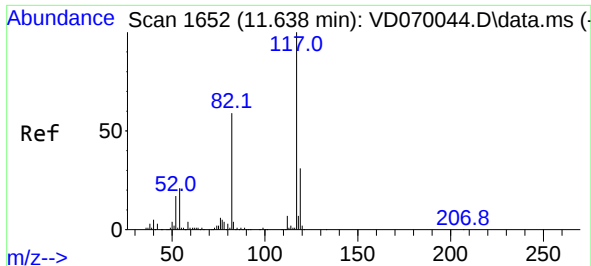
Tgt Ion: 98 Resp: 1097297
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.300 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070098.D
Acq: 17 Aug 2021 19:59

Tgt Ion: 95 Resp: 403435
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.8 0.0 138.2

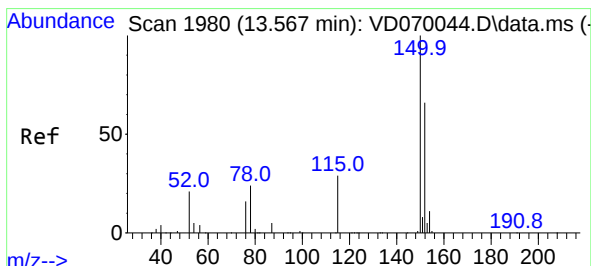
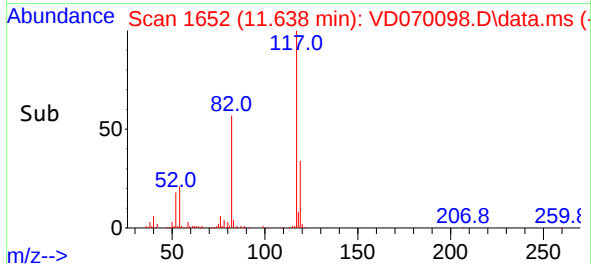
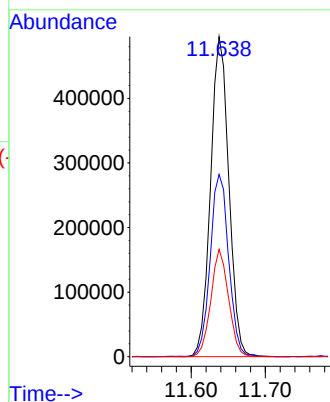
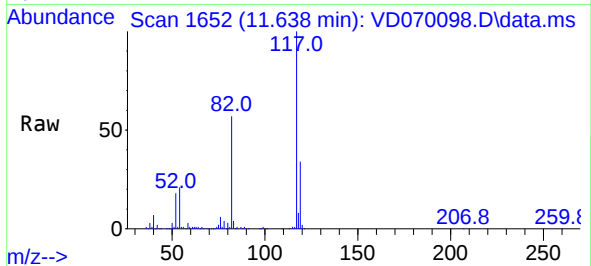




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070098.D
Acq: 17 Aug 2021 19:59

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Tgt Ion:	117	Resp:	846931
Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.5	71.3
119	33.6	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: VD070098.D
Acq: 17 Aug 2021 19:59

Tgt Ion:	152	Resp:	391115
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.2	93.6
150	156.4	0.0	352.0

