

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070118.D
 Acq On : 18 Aug 2021 10:34
 Operator : VA/SY
 Sample : VD0818SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBL01

Quant Time: Aug 19 07:27:08 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	589520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1133161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1089429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	465898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	365509	52.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.420%
35) Dibromofluoromethane	7.914	113	371997	50.813	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.620%
50) Toluene-d8	10.338	98	1462705	51.369	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.626	95	473939	50.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.060%

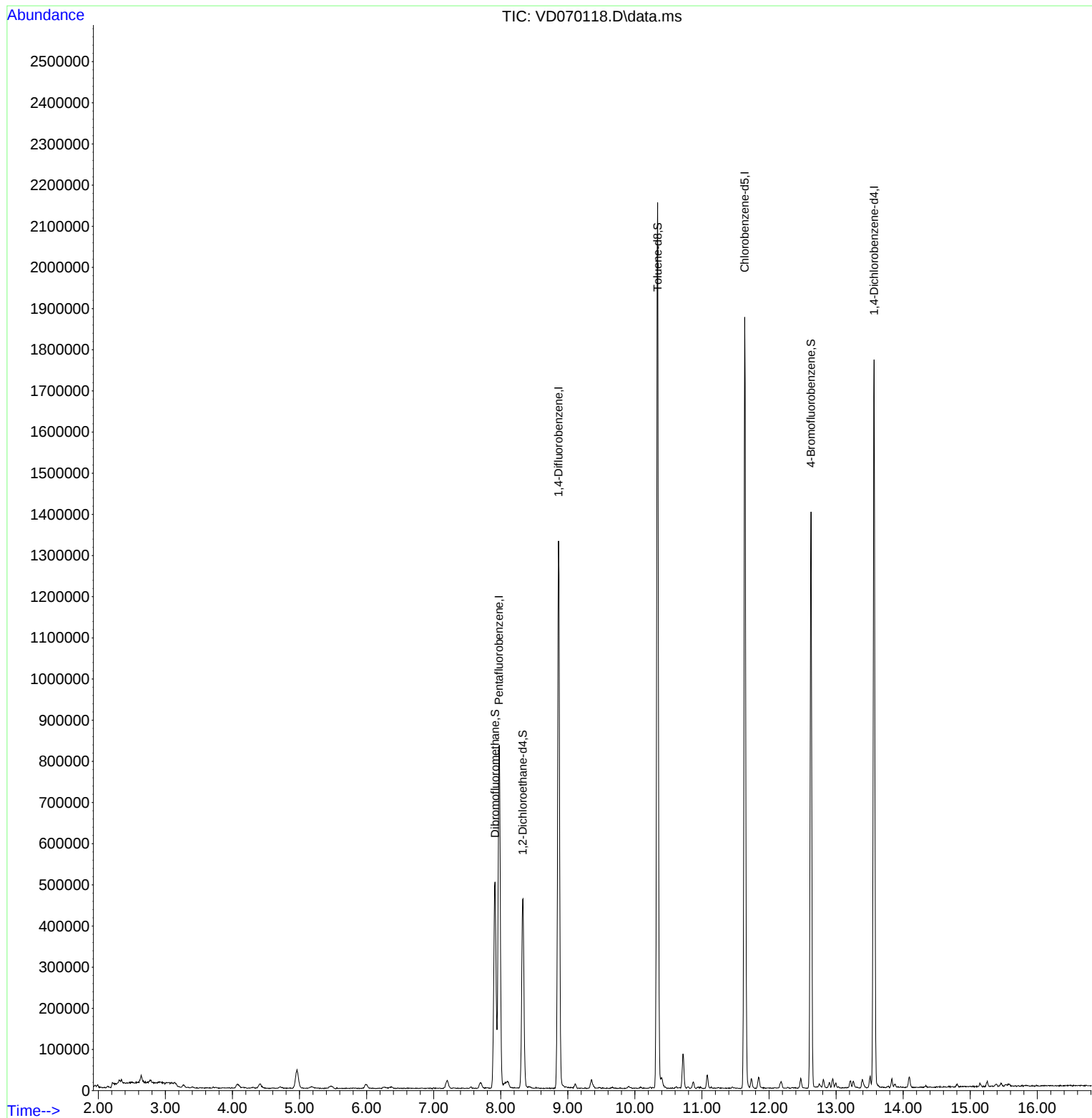
Target Compounds	Qvalue

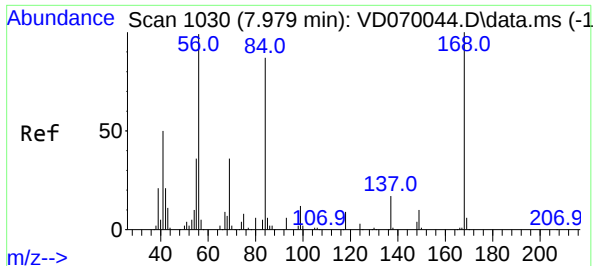
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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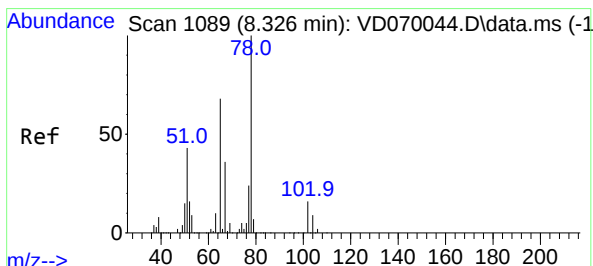
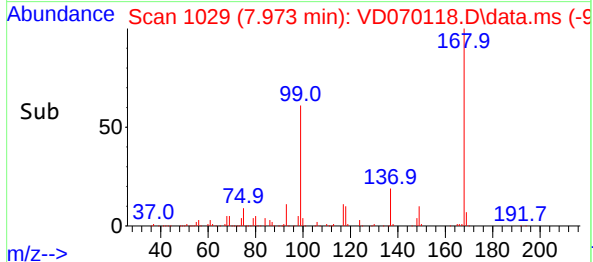
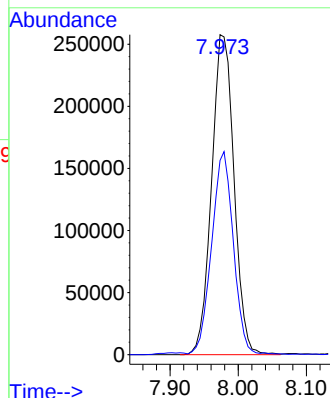
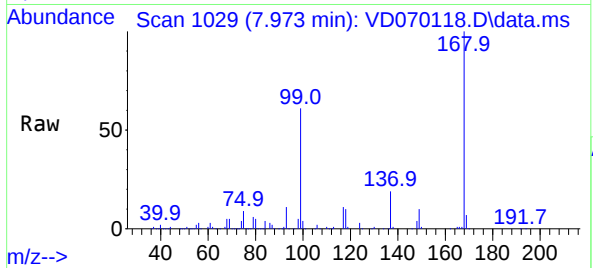




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

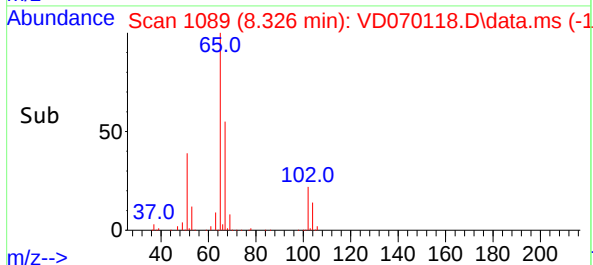
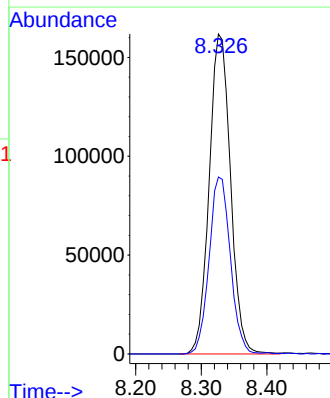
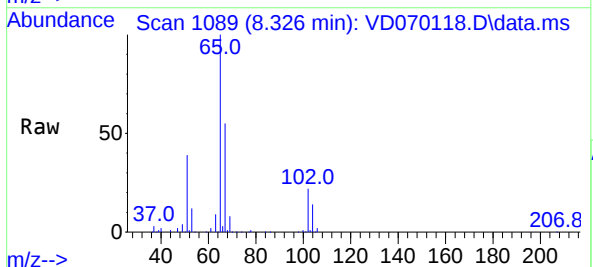
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

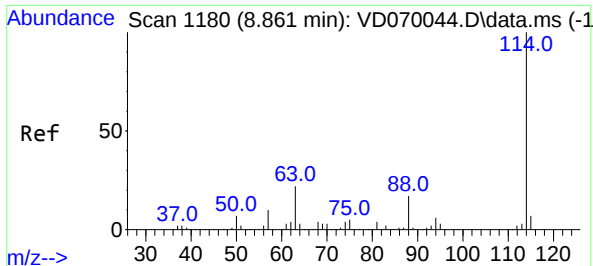
Tgt Ion:168 Resp: 589520
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 52.715 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Tgt Ion: 65 Resp: 365509
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: VD070118.D

Acq: 18 Aug 2021 10:34

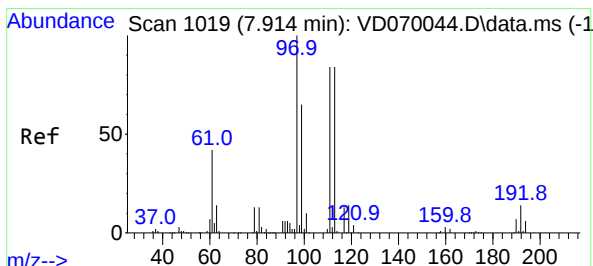
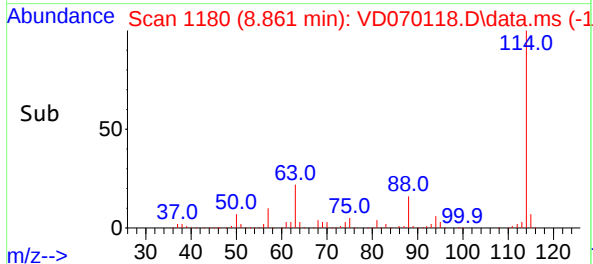
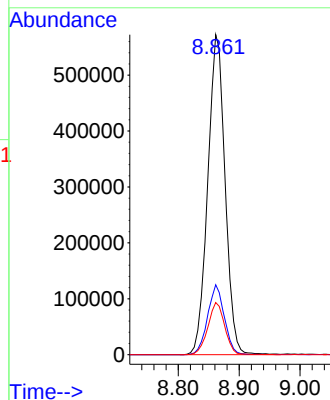
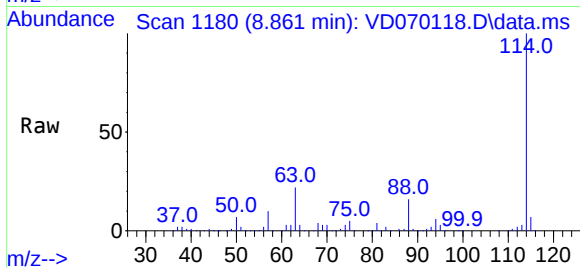
Tgt Ion:114 Resp: 1133161

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.6

88 16.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 50.813 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070118.D

Acq: 18 Aug 2021 10:34

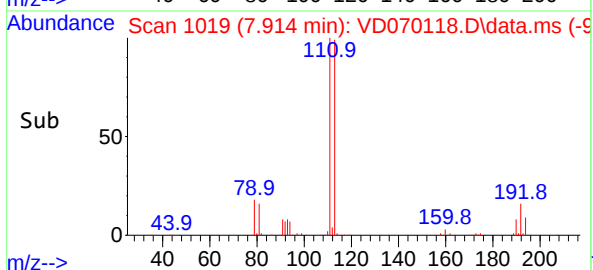
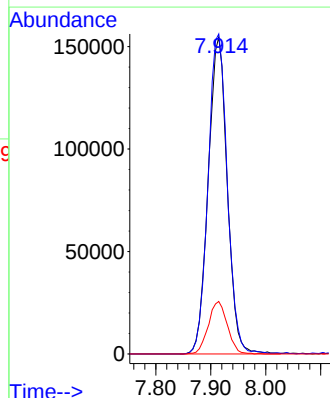
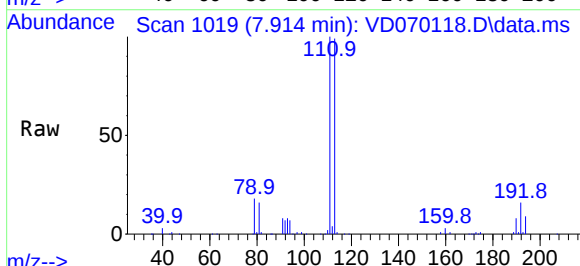
Tgt Ion:113 Resp: 371997

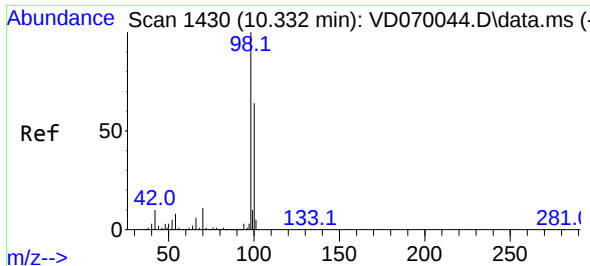
Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.6

192 16.6 13.2 19.8

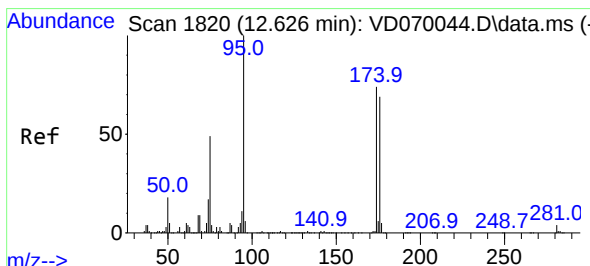
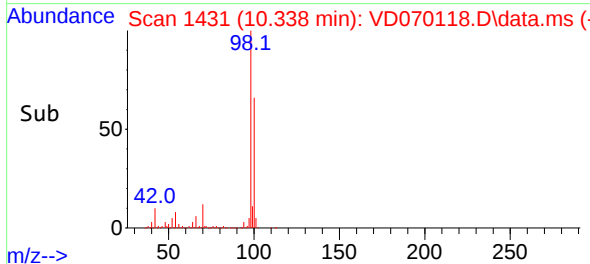
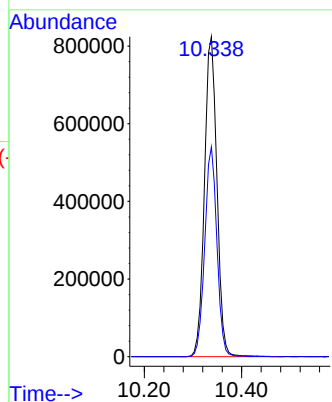
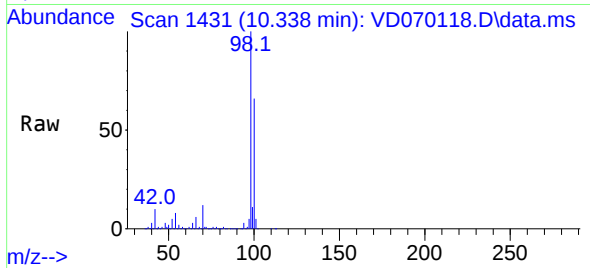




#50
Toluene-d8
Concen: 51.369 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

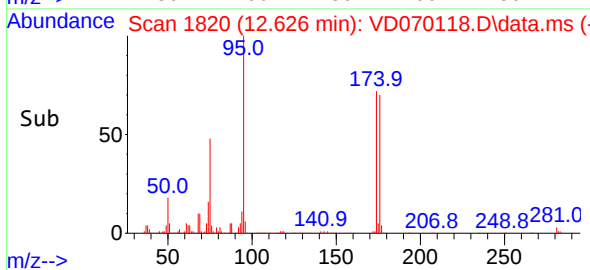
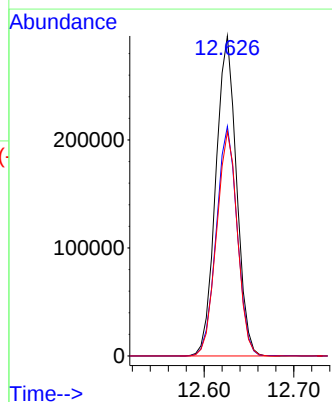
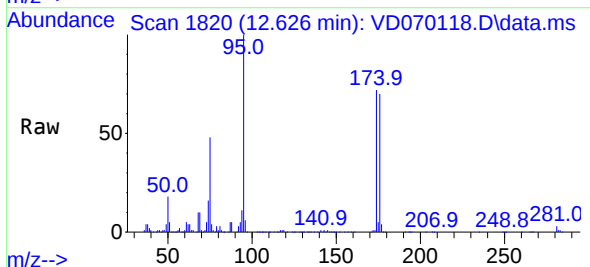
Instrument :
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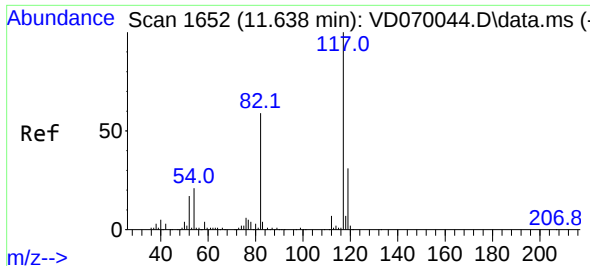
Tgt Ion: 98 Resp: 1462705
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.533 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

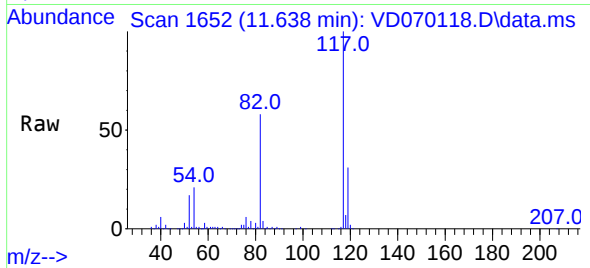
Tgt Ion: 95 Resp: 473939
Ion Ratio Lower Upper
95 100
174 72.5 0.0 141.6
176 70.5 0.0 138.2





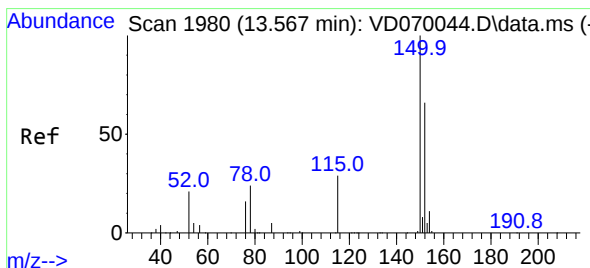
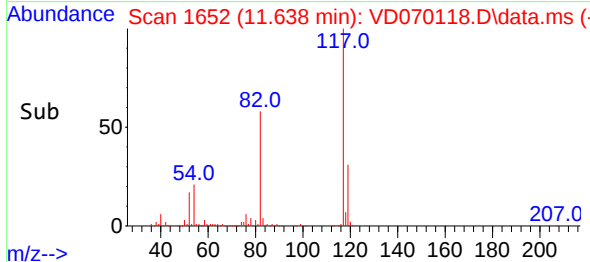
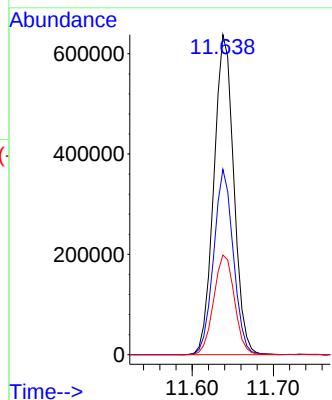
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070118.D
Acq: 18 Aug 2021 10:34

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBL01

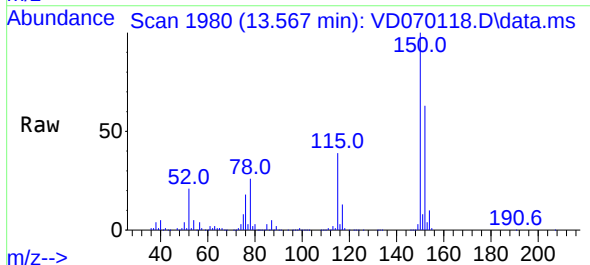


Tgt Ion:117 Resp: 1089429

Ion	Ratio	Lower	Upper
117	100		
82	57.9	47.5	71.3
119	31.2	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: VD070118.D
Acq: 18 Aug 2021 10:34



Tgt Ion:152 Resp: 465898

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.2	93.6
150	159.2	0.0	352.0

