

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111021\
 Data File : VD070978.D
 Acq On : 10 Nov 2021 19:28
 Operator : VA/SY
 Sample : M4605-07
 Misc : 10.27G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VWE-B19-110821-39-40

Quant Time: Nov 11 06:31:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	350427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	635373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	622362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	281465	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205815	55.163	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.320%
35) Dibromofluoromethane	7.908	113	194619	54.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.560%
50) Toluene-d8	10.331	98	817087	58.194	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	116.380%
62) 4-Bromofluorobenzene	12.620	95	297510	58.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.700%

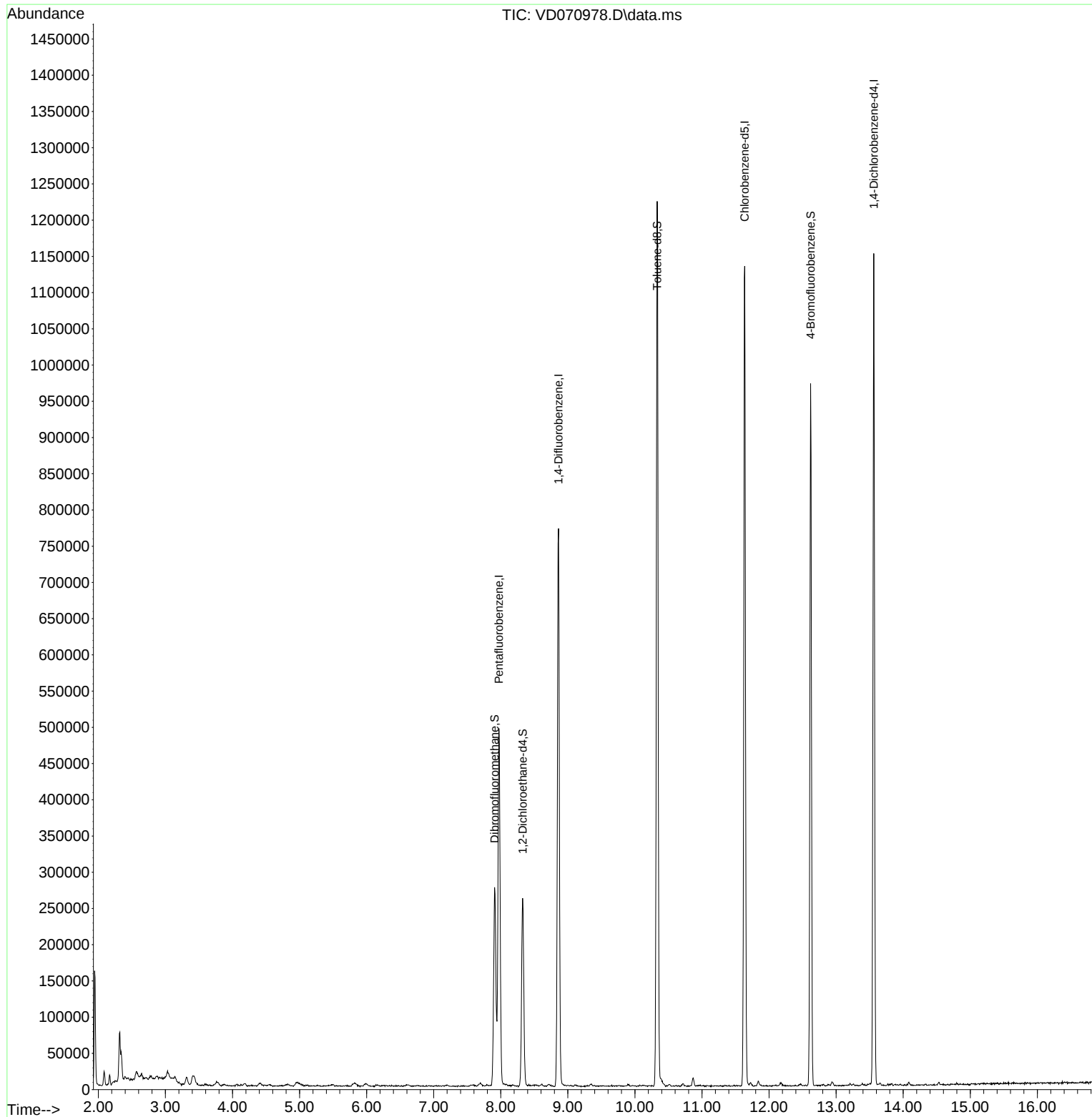
Target Compounds	Qvalue

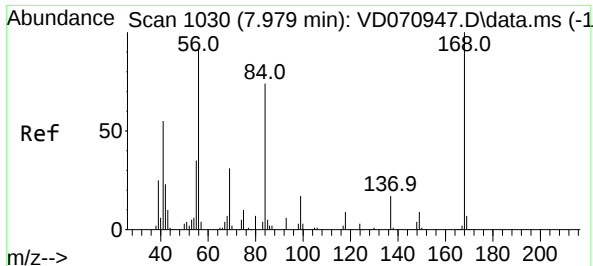
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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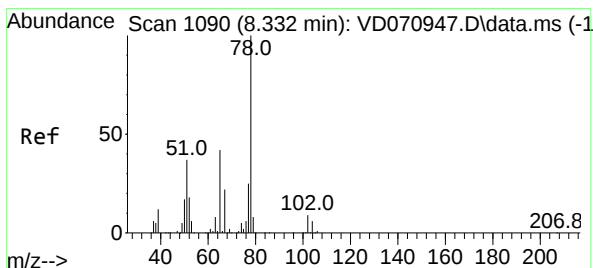
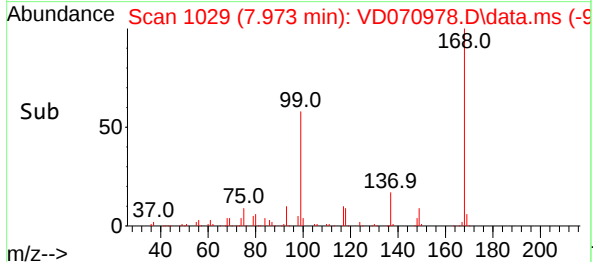
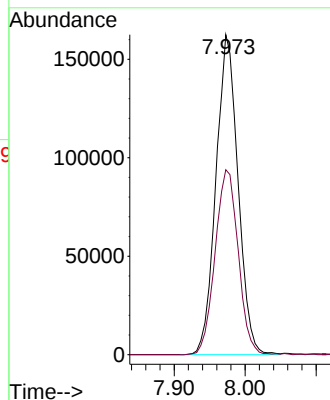
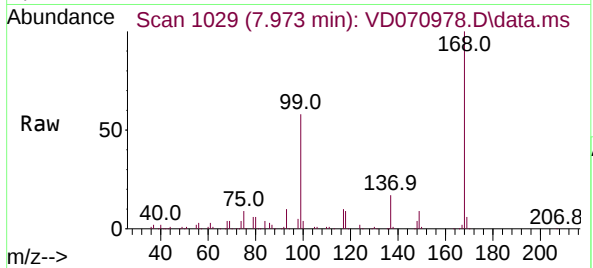




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070978.D
Acq: 10 Nov 2021 19:28

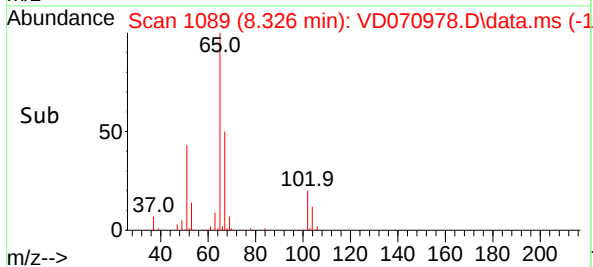
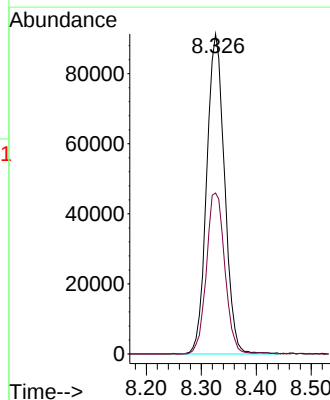
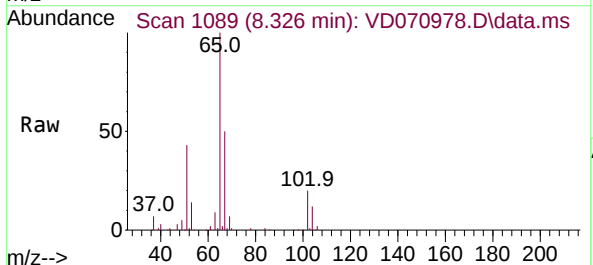
Instrument :
MSVOA_D
ClientSampleId :
VWE-B19-110821-39-40

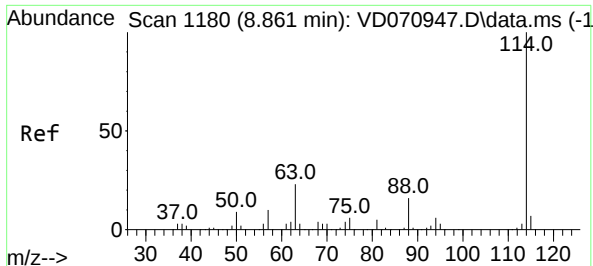
Tgt Ion:168 Resp: 350427
Ion Ratio Lower Upper
168 100
99 57.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 55.163 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070978.D
Acq: 10 Nov 2021 19:28

Tgt Ion: 65 Resp: 205815
Ion Ratio Lower Upper
65 100
67 51.9 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD070978.D

Acq: 10 Nov 2021 19:28

Instrument :

MSVOA_D

ClientSampleId :

VWE-B19-110821-39-40

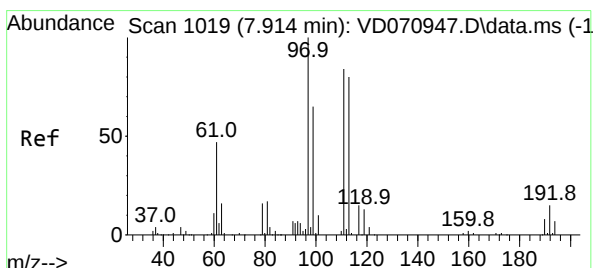
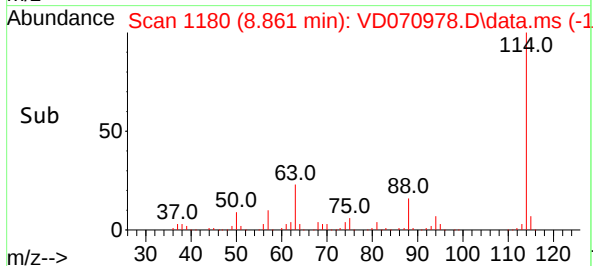
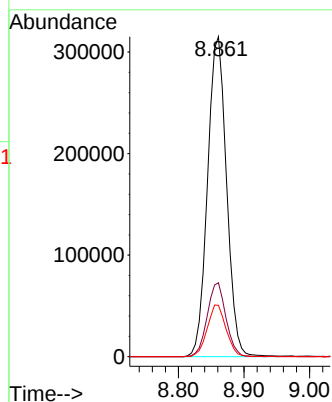
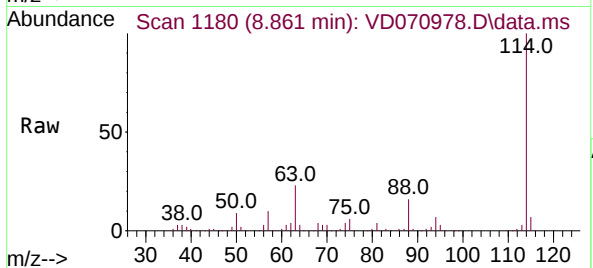
Tgt Ion:114 Resp: 635373

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.283 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070978.D

Acq: 10 Nov 2021 19:28

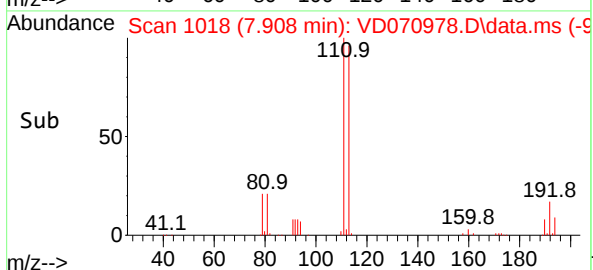
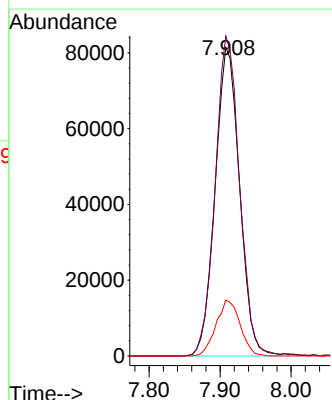
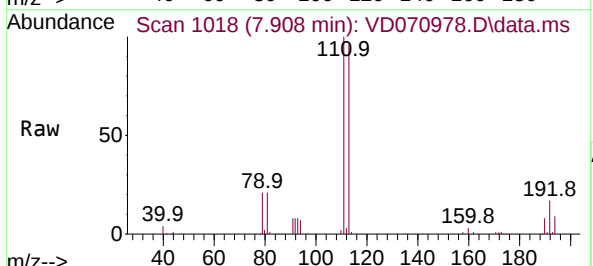
Tgt Ion:113 Resp: 194619

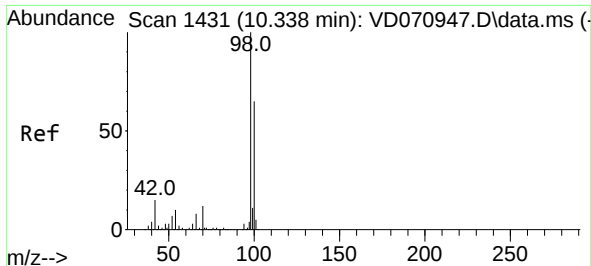
Ion Ratio Lower Upper

113 100

111 103.5 82.0 123.0

192 17.8 15.2 22.8

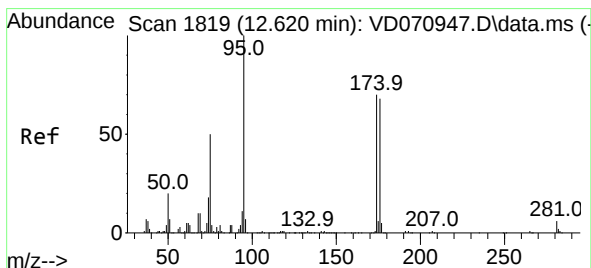
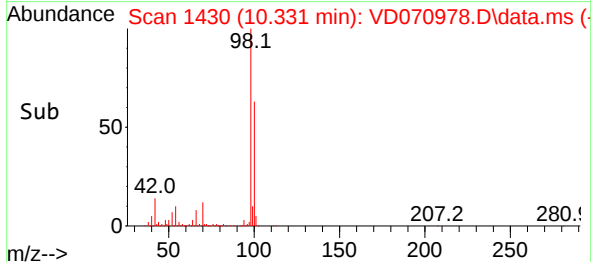
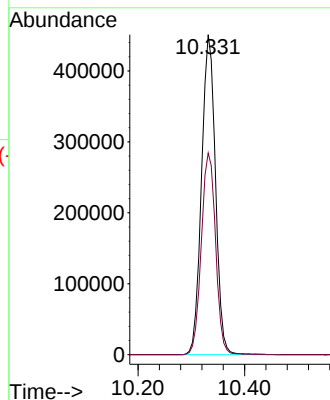
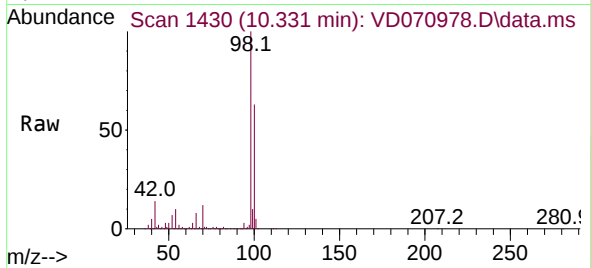




#50
Toluene-d8
Concen: 58.194 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.007 min
Lab File: VD070978.D
Acq: 10 Nov 2021 19:28

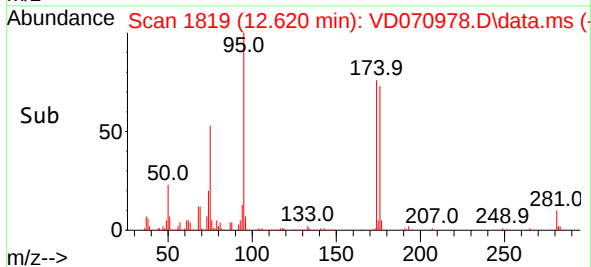
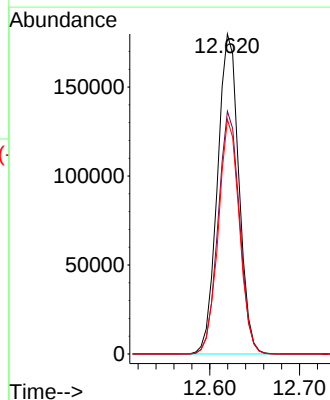
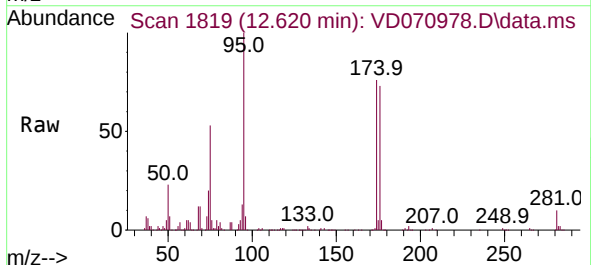
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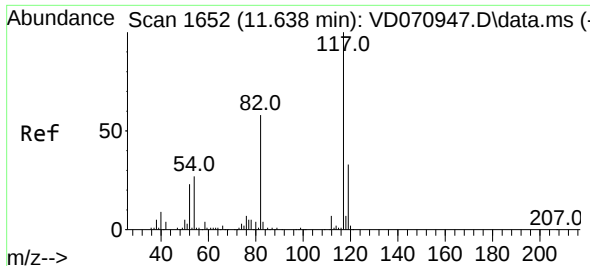
Tgt Ion: 98 Resp: 817087
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.848 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD070978.D
Acq: 10 Nov 2021 19:28

Tgt Ion: 95 Resp: 297510
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 72.3 0.0 154.0

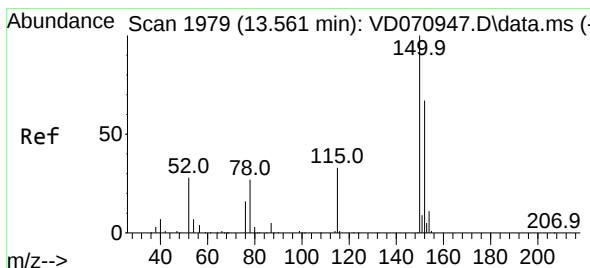
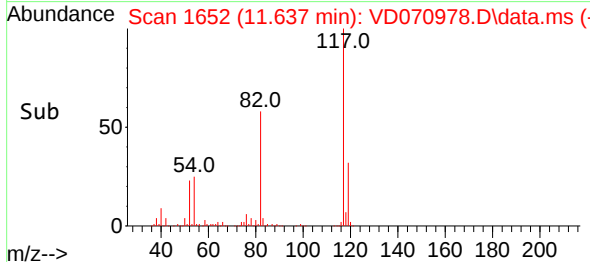
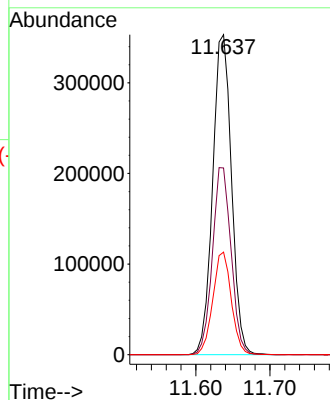
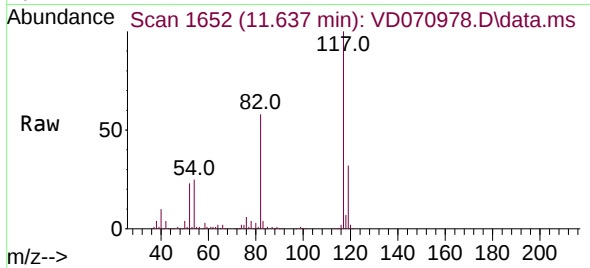




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD070978.D
Acq: 10 Nov 2021 19:28

Instrument :
MSVOA_D
ClientSampleId :
VWE-B19-110821-39-40

Tgt Ion:117 Resp: 622362
Ion Ratio Lower Upper
117 100
82 58.4 44.7 67.1
119 32.0 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070978.D
Acq: 10 Nov 2021 19:28

Tgt Ion:152 Resp: 281465
Ion Ratio Lower Upper
152 100
115 59.6 29.8 89.3
150 156.1 0.0 349.2

