

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120321\
 Data File : VD071138.D
 Acq On : 03 Dec 2021 17:30
 Operator : VA/SY
 Sample : M4939-01RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-120321RE

Quant Time: Dec 04 03:51:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	11042	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.861	114	19213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	22602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11121	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	10509	81.110	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.220%
35) Dibromofluoromethane	7.920	113	5530	45.200	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.400%
50) Toluene-d8	10.332	98	23706	50.916	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.626	95	10765	66.701	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	133.400%

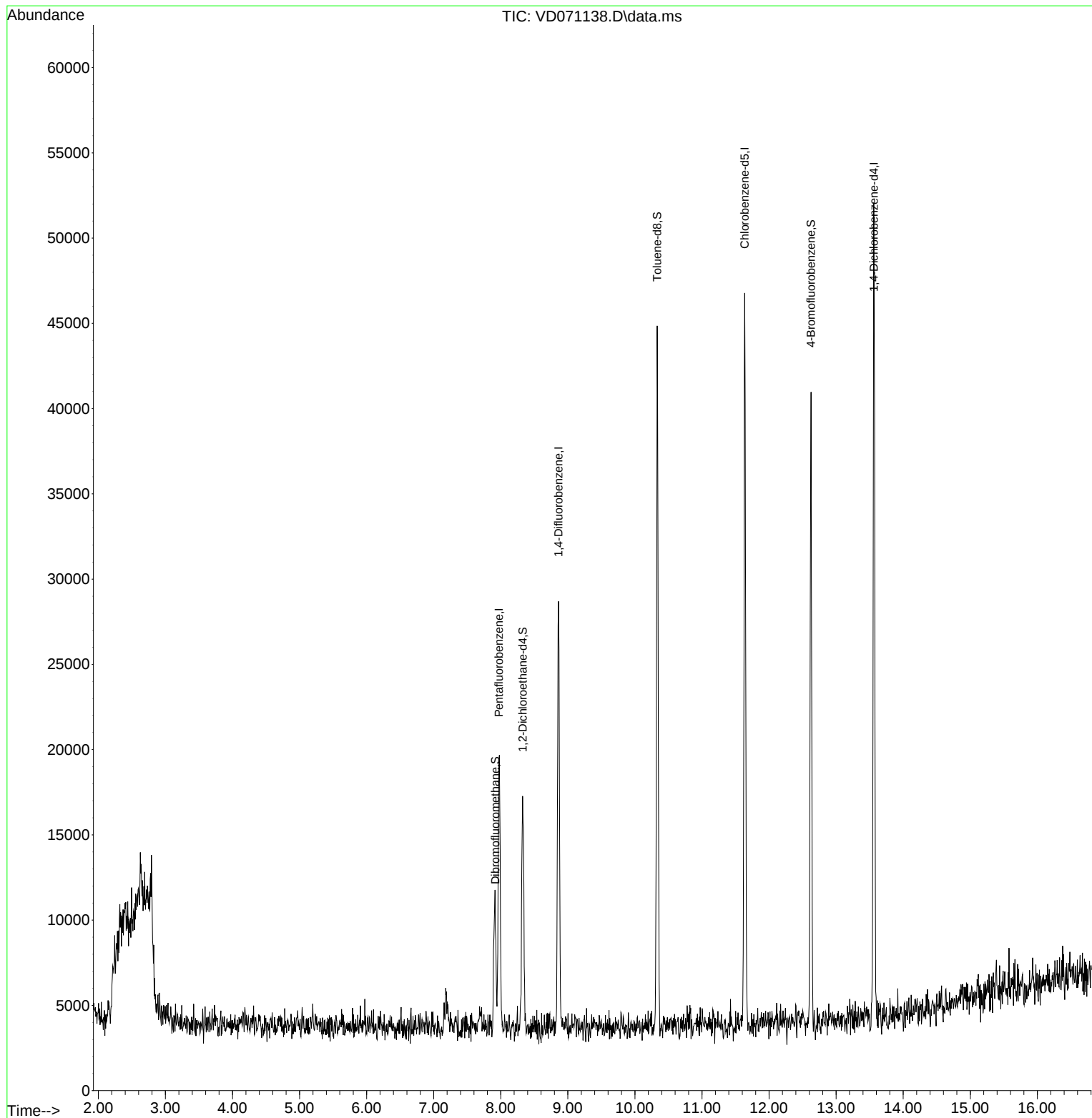
Target Compounds	Qvalue

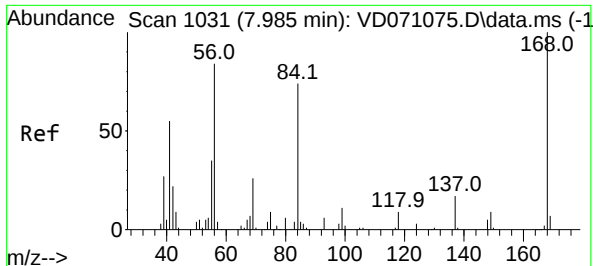
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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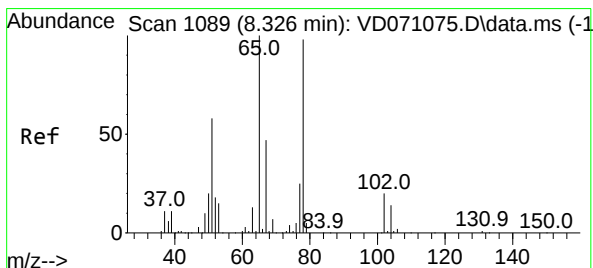
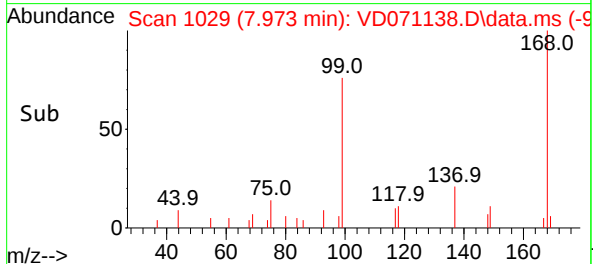
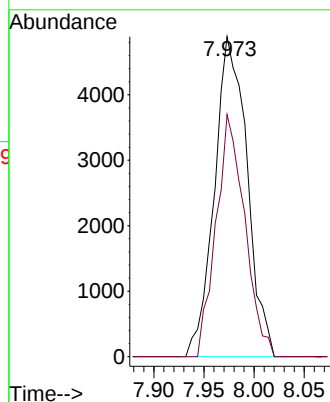
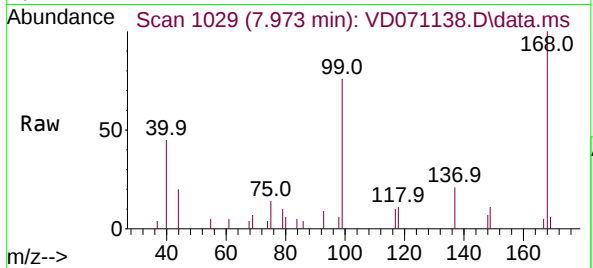




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071138.D
Acq: 03 Dec 2021 17:30

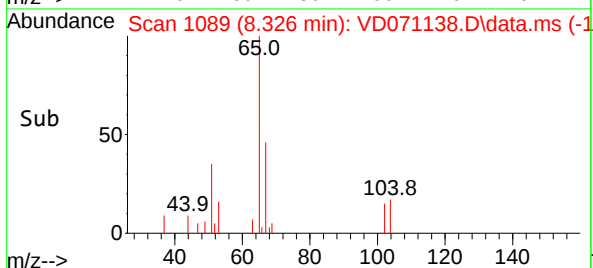
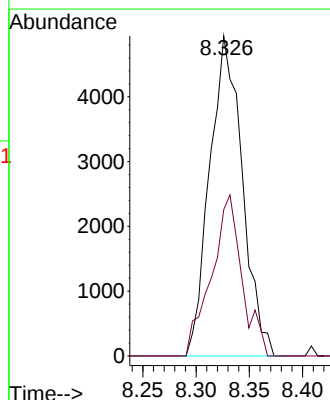
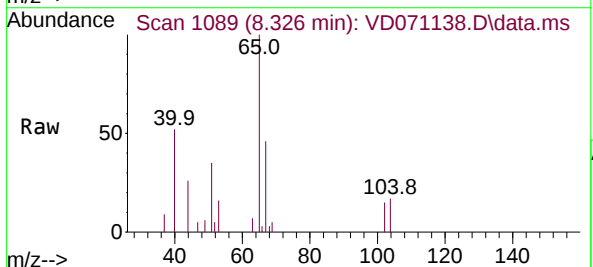
Instrument :
MSVOA_D
ClientSampleId :
OR-03-120321RE

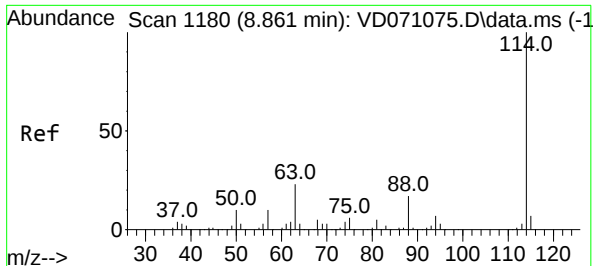
Tgt Ion:168 Resp: 11042
Ion Ratio Lower Upper
168 100
99 75.7 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 81.110 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD071138.D
Acq: 03 Dec 2021 17:30

Tgt Ion: 65 Resp: 10509
Ion Ratio Lower Upper
65 100
67 47.1 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: VD071138.D

Acq: 03 Dec 2021 17:30

Instrument :

MSVOA_D

ClientSampleId :

OR-03-120321RE

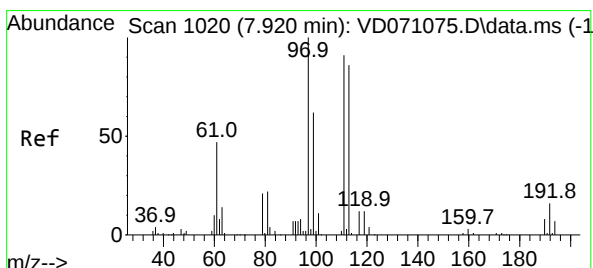
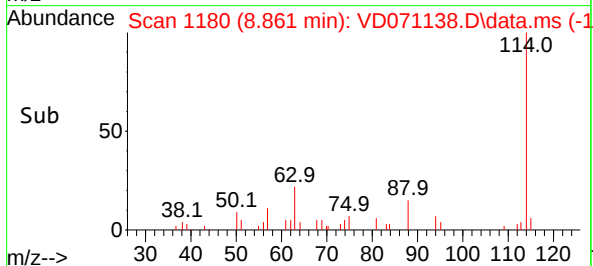
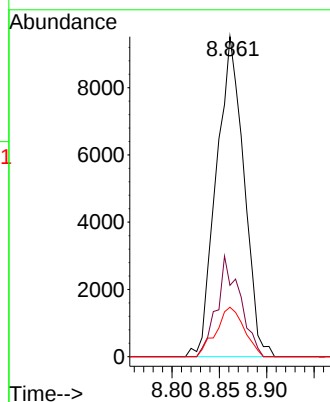
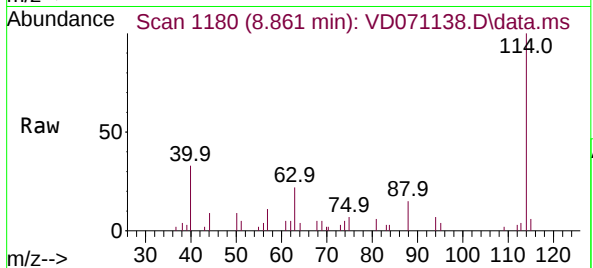
Tgt Ion:114 Resp: 19213

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.200 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD071138.D

Acq: 03 Dec 2021 17:30

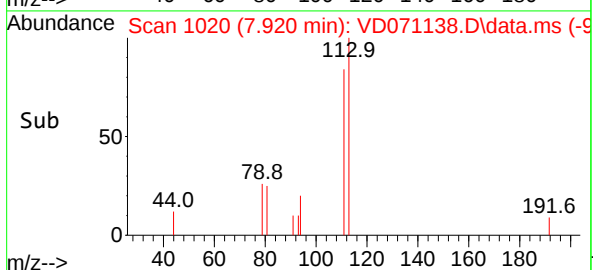
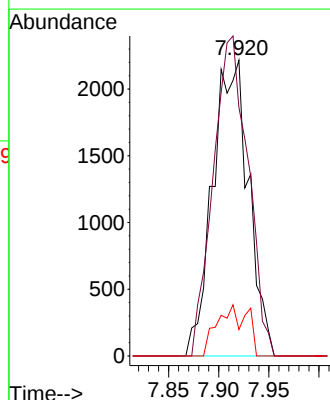
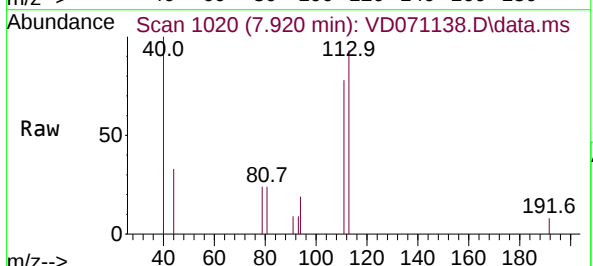
Tgt Ion:113 Resp: 5530

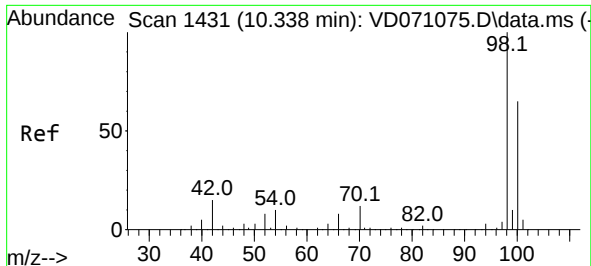
Ion Ratio Lower Upper

113 100

111 104.9 82.0 123.0

192 14.4 15.2 22.8#

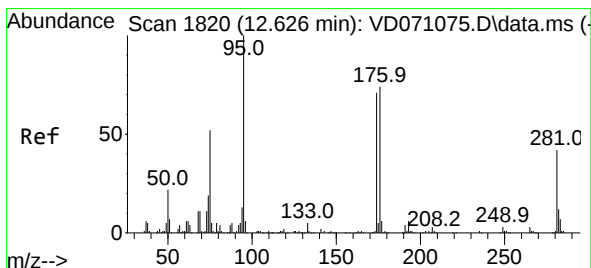
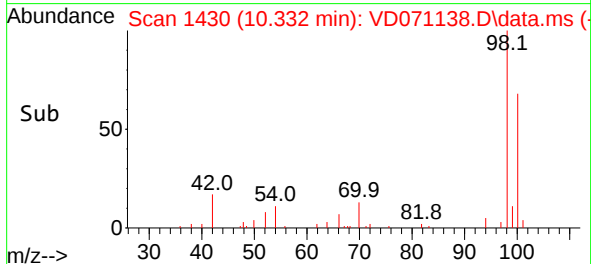
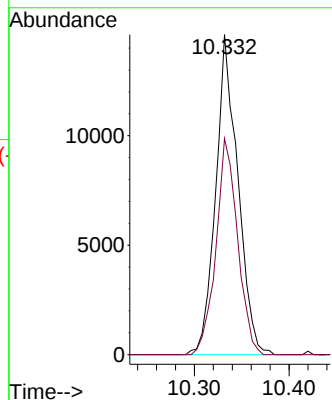
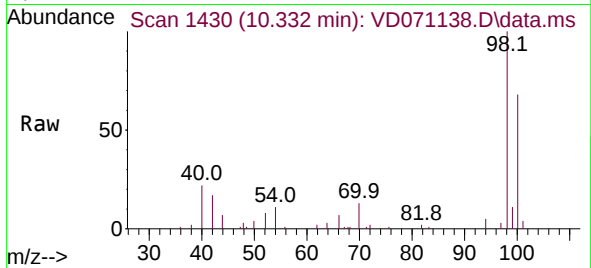




#50
Toluene-d8
Concen: 50.916 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071138.D
Acq: 03 Dec 2021 17:30

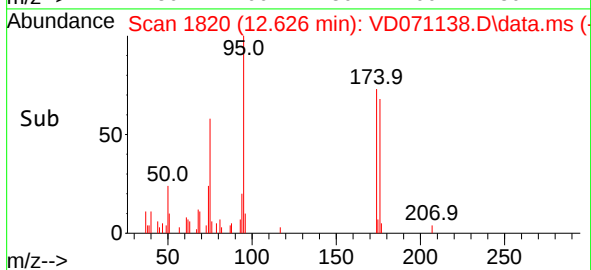
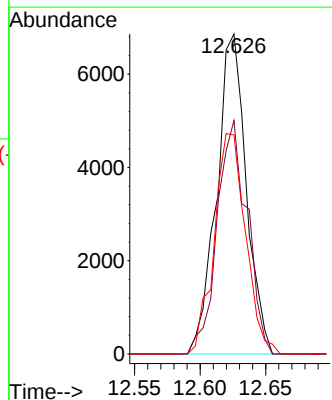
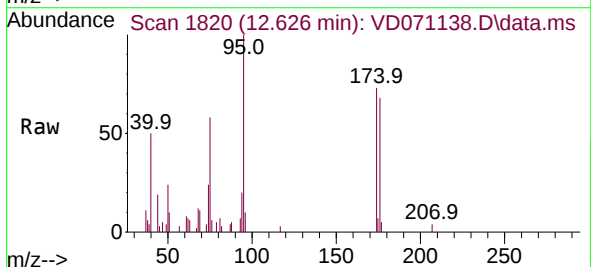
Instrument :
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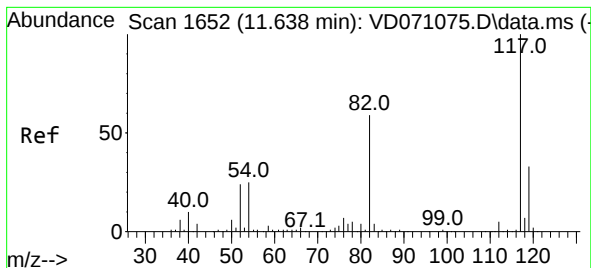
Tgt Ion: 98 Resp: 23706
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 66.701 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071138.D
Acq: 03 Dec 2021 17:30

Tgt Ion: 95 Resp: 10765
Ion Ratio Lower Upper
95 100
174 74.1 0.0 159.4
176 73.0 0.0 154.0

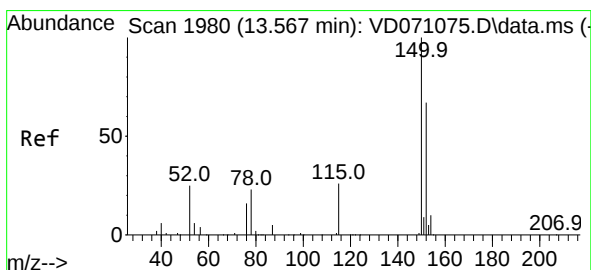
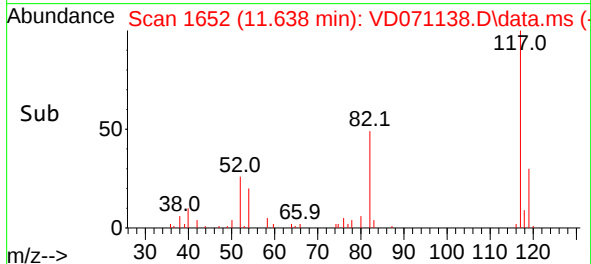
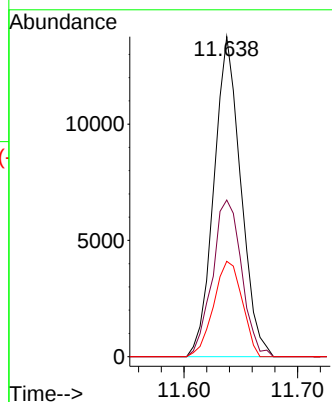
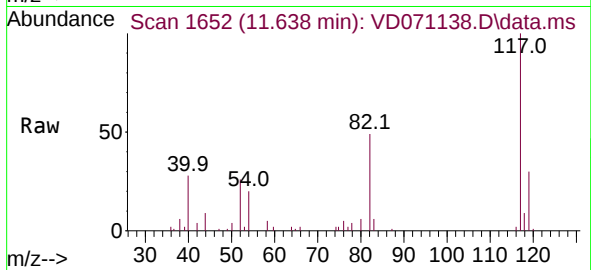




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071138.D
Acq: 03 Dec 2021 17:30

Instrument :
MSVOA_D
ClientSampleId :
OR-03-120321RE

Tgt Ion:117 Resp: 22602
Ion Ratio Lower Upper
117 100
82 49.0 44.7 67.1
119 29.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071138.D
Acq: 03 Dec 2021 17:30

Tgt Ion:152 Resp: 11121
Ion Ratio Lower Upper
152 100
115 56.8 29.8 89.3
150 163.9 0.0 349.2

