

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071542.D
 Acq On : 30 Dec 2021 11:58
 Operator : VA/SY
 Sample : M5210-05
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT3990

Quant Time: Dec 30 15:31:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	378651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	644835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	615727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	268154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	204886	40.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.480%
35) Dibromofluoromethane	7.914	113	202429	46.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.420%
50) Toluene-d8	10.338	98	818642	49.986	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.980%
62) 4-Bromofluorobenzene	12.626	95	273799	47.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.100%

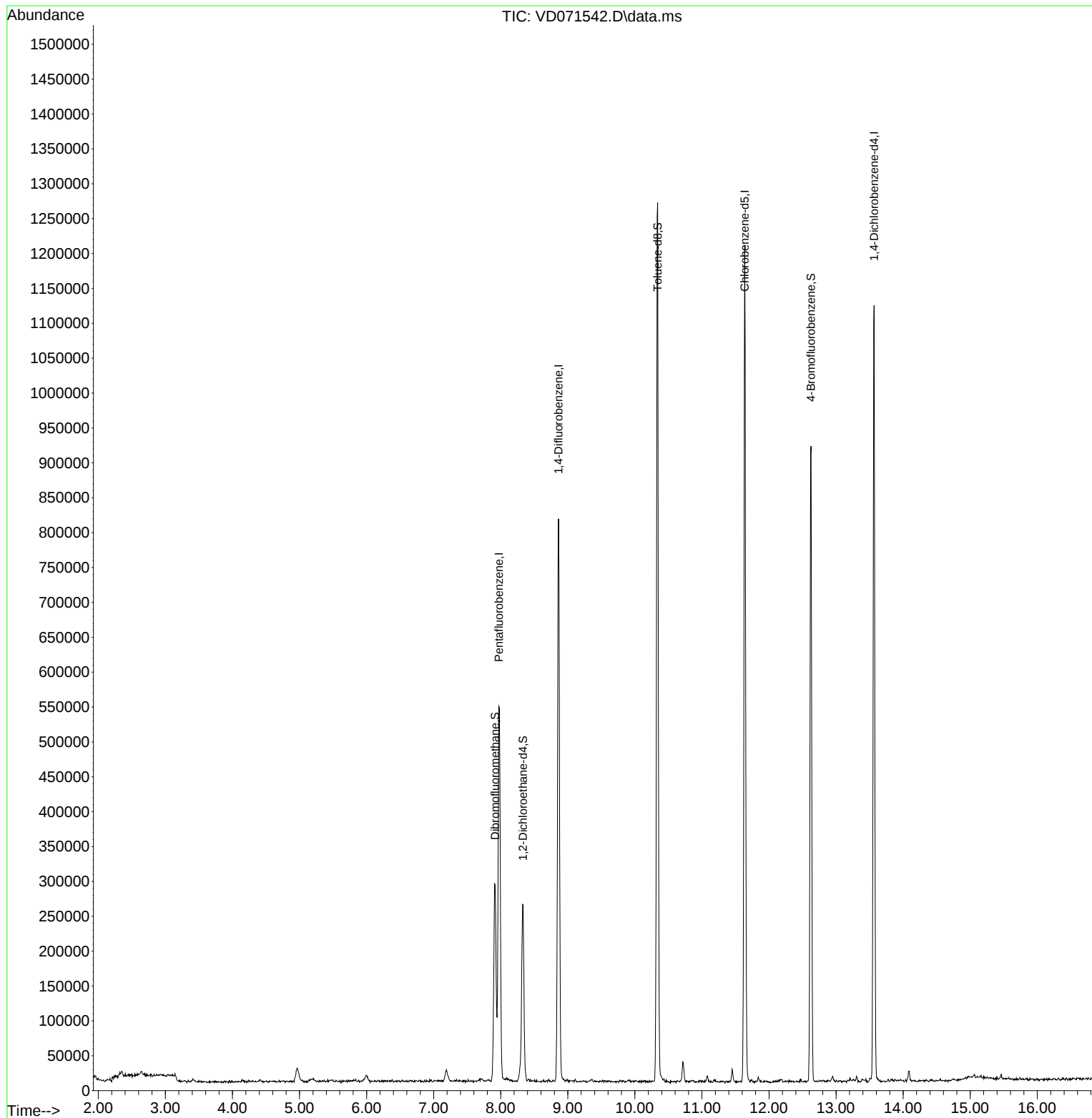
Target Compounds	Qvalue

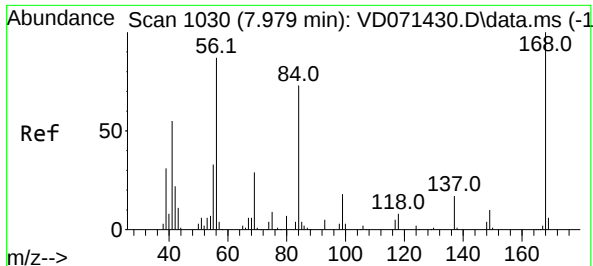
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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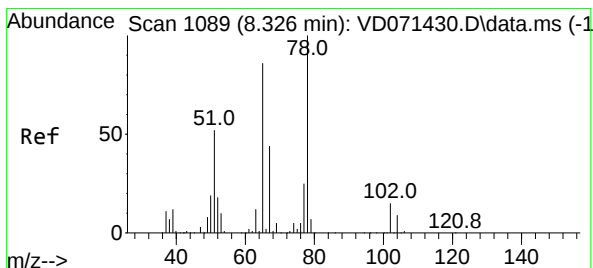
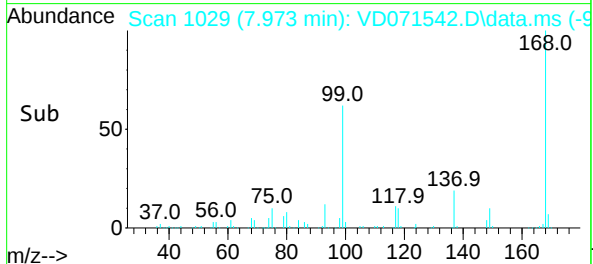
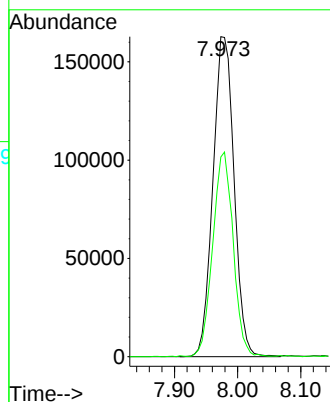
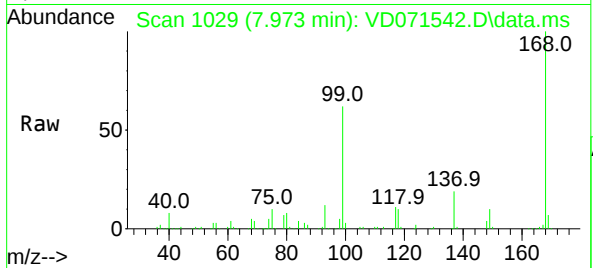




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

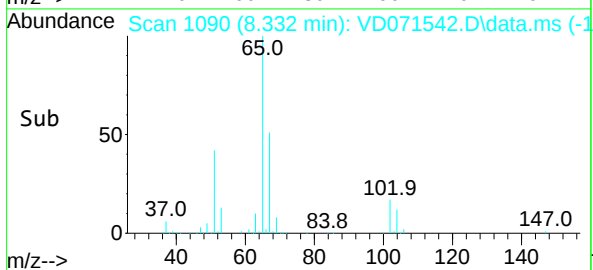
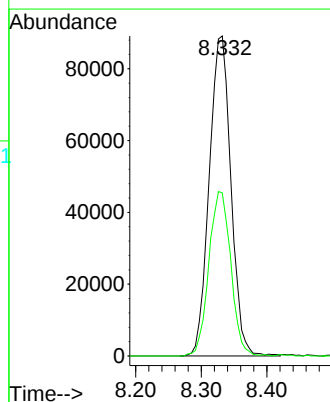
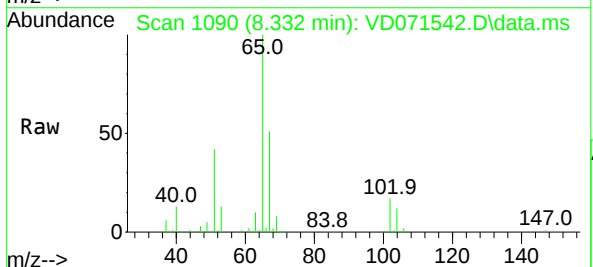
Instrument :
MSVOA_D
ClientSampleId :
RT3990

Tgt Ion:168 Resp: 378651
Ion Ratio Lower Upper
168 100
99 62.1 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 40.742 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 65 Resp: 204886
Ion Ratio Lower Upper
65 100
67 52.0 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: VD071542.D

Acq: 30 Dec 2021 11:58

Instrument :

MSVOA_D

ClientSampleId :

RT3990

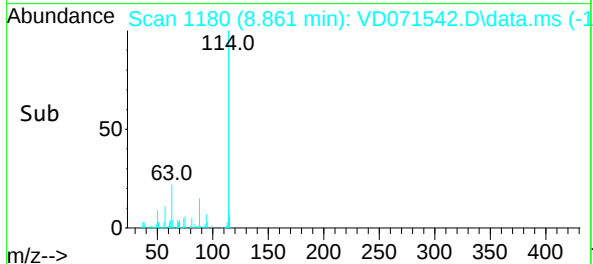
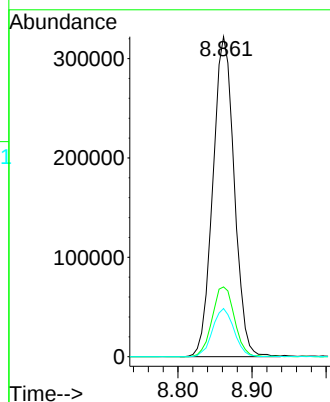
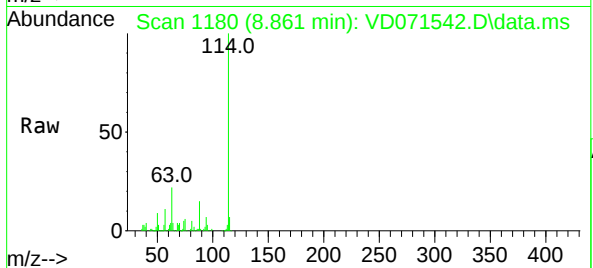
Tgt Ion:114 Resp: 644835

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.8

88 15.1 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.709 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071542.D

Acq: 30 Dec 2021 11:58

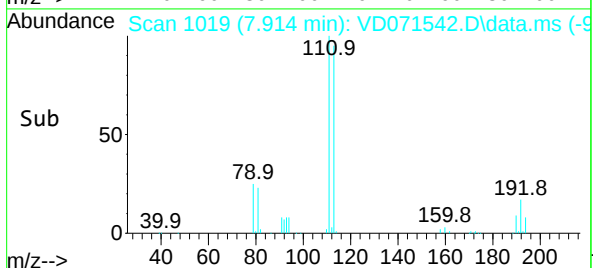
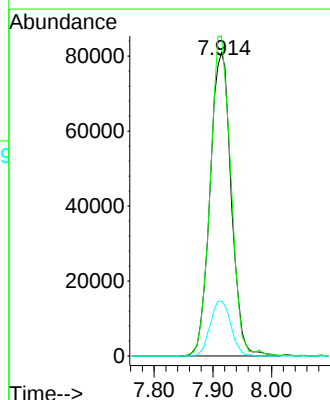
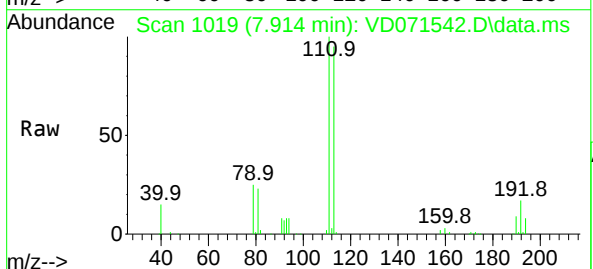
Tgt Ion:113 Resp: 202429

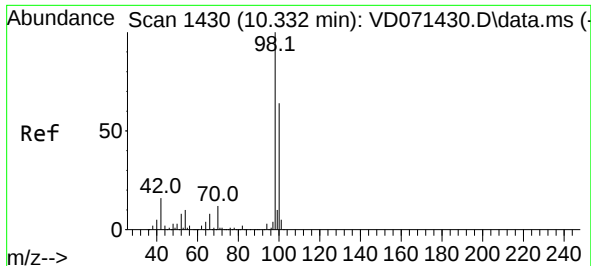
Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

192 17.6 15.2 22.8

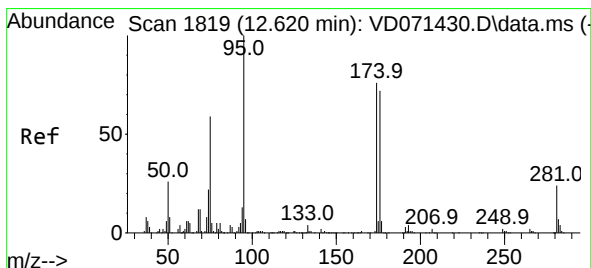
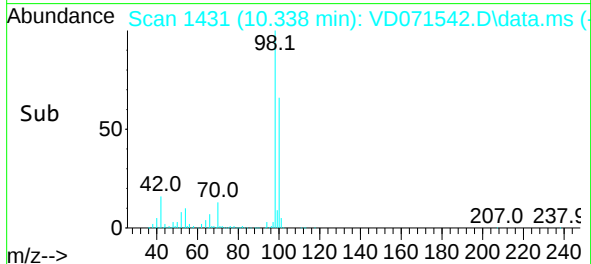
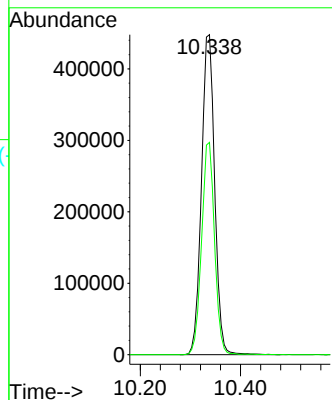
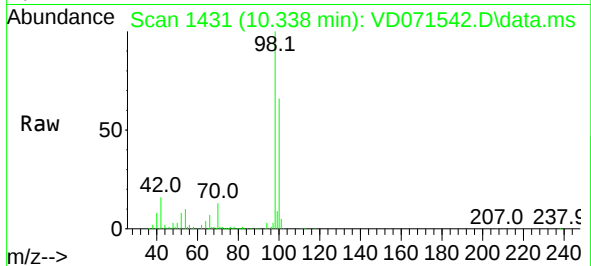




#50
Toluene-d8
Concen: 49.986 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

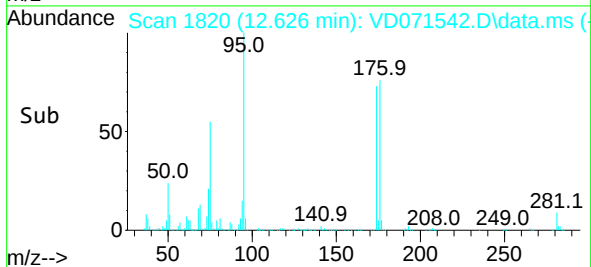
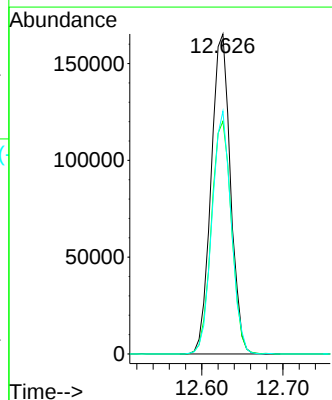
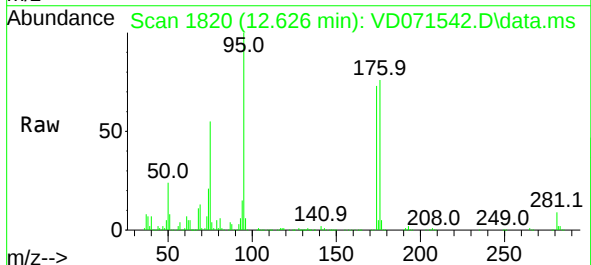
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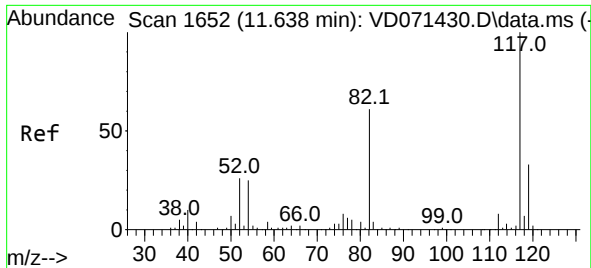
Tgt Ion: 98 Resp: 818642
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.047 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Tgt Ion: 95 Resp: 273799
Ion Ratio Lower Upper
95 100
174 75.3 0.0 159.4
176 75.0 0.0 154.0

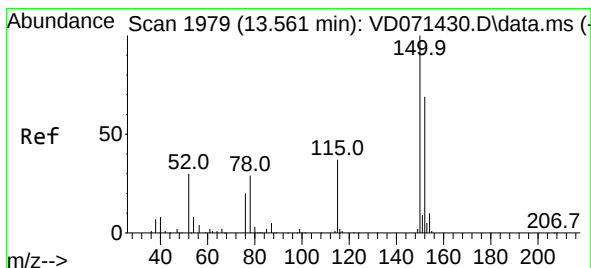
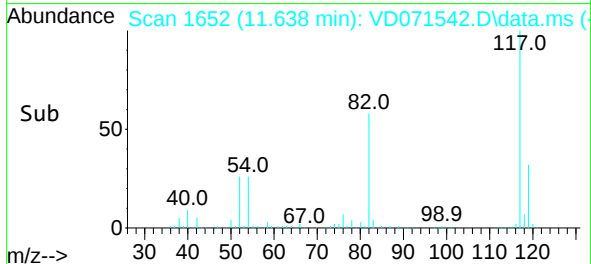
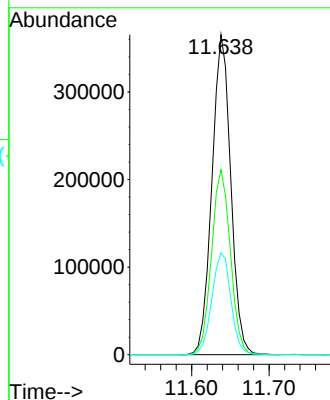
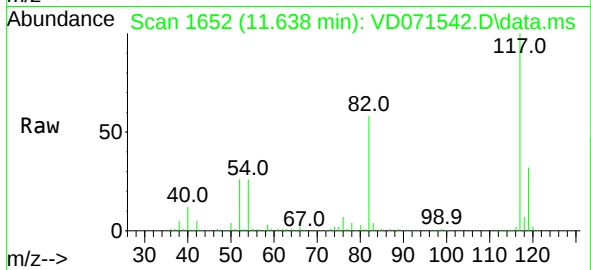




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Instrument :
MSVOA_D
ClientSampleId :
RT3990

Tgt Ion:117 Resp: 615727
Ion Ratio Lower Upper
117 100
82 57.8 44.7 67.1
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071542.D
Acq: 30 Dec 2021 11:58

Tgt Ion:152 Resp: 268154
Ion Ratio Lower Upper
152 100
115 62.2 29.8 89.3
150 160.9 0.0 349.2

