

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071541.D
 Acq On : 30 Dec 2021 11:30
 Operator : VA/SY
 Sample : M5210-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124027

Quant Time: Dec 30 15:30:00 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	121453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	210064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	221682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	106965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	108819	67.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.920%
35) Dibromofluoromethane	7.908	113	76941	54.499	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.000%
50) Toluene-d8	10.338	98	268606	50.346	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.626	95	102660	54.150	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.300%

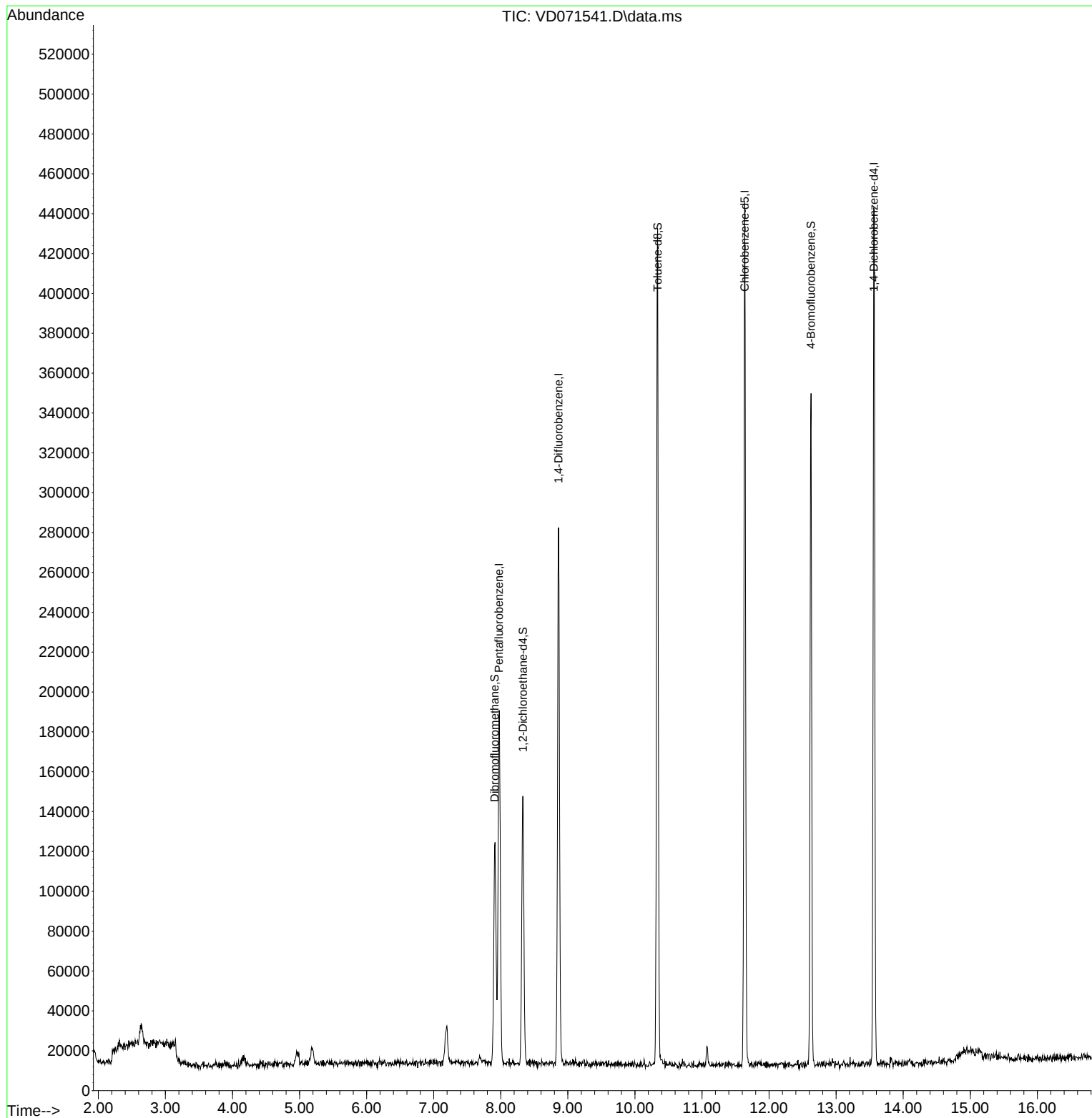
Target Compounds	Qvalue

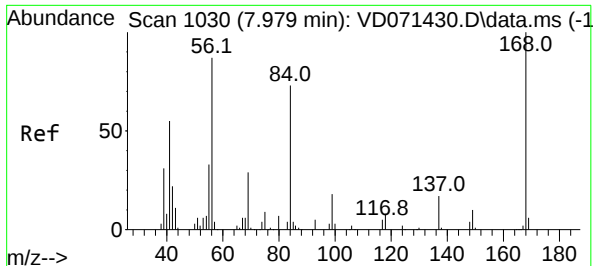
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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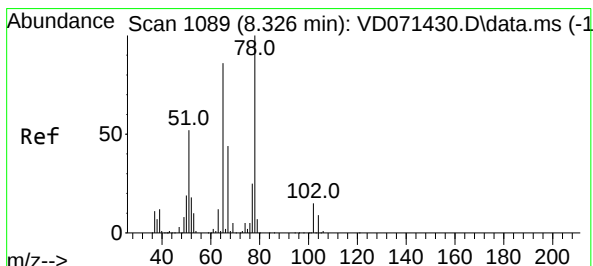
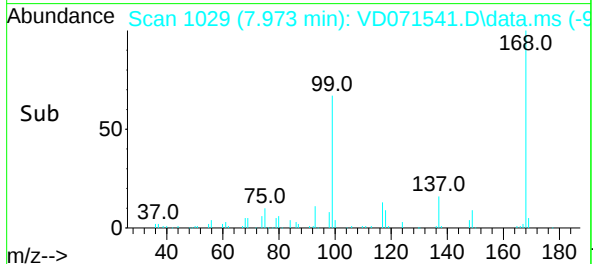
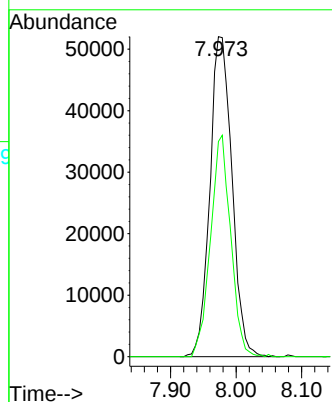
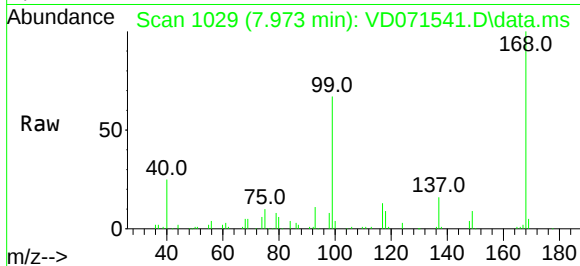




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD071541.D
Acq: 30 Dec 2021 11:30

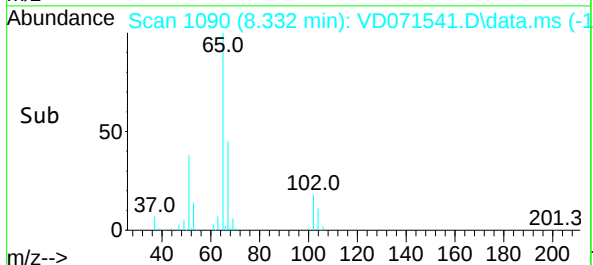
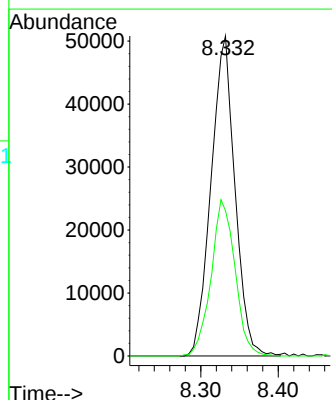
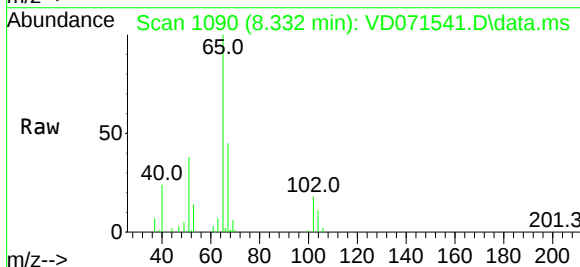
Instrument :
MSVOA_D
ClientSampleId :
124027

Tgt Ion:168 Resp: 121453
Ion Ratio Lower Upper
168 100
99 67.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 67.464 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071541.D
Acq: 30 Dec 2021 11:30

Tgt Ion: 65 Resp: 108819
Ion Ratio Lower Upper
65 100
67 49.0 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: VD071541.D

Acq: 30 Dec 2021 11:30

Instrument :

MSVOA_D

ClientSampleId :

124027

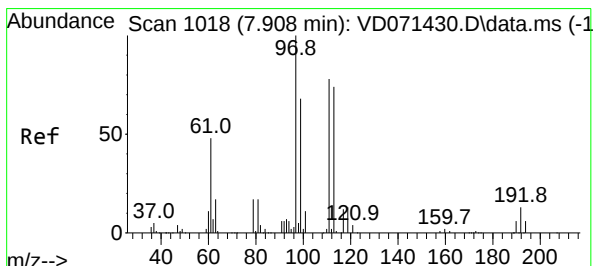
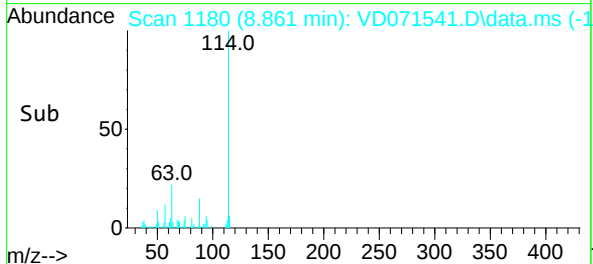
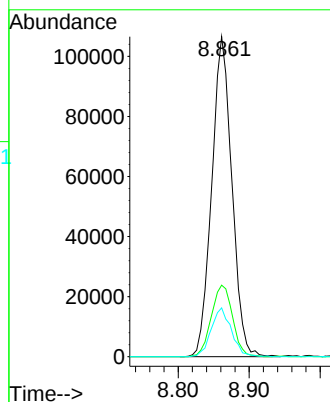
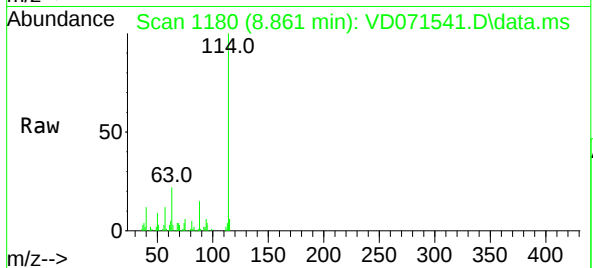
Tgt Ion:114 Resp: 210064

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.8

88 15.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 54.499 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071541.D

Acq: 30 Dec 2021 11:30

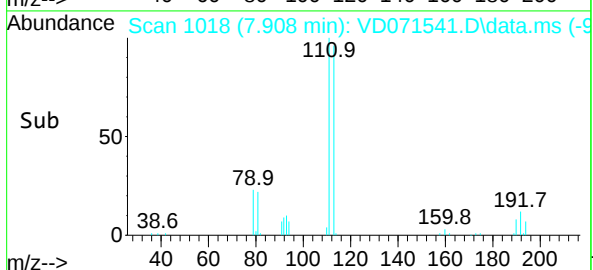
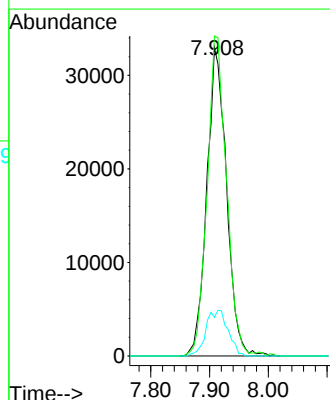
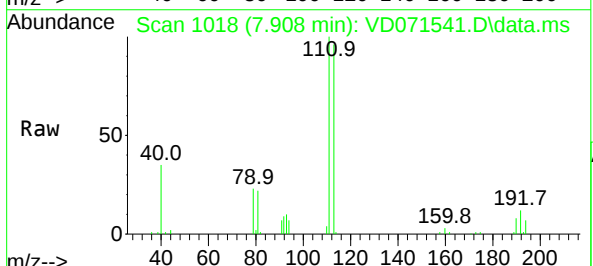
Tgt Ion:113 Resp: 76941

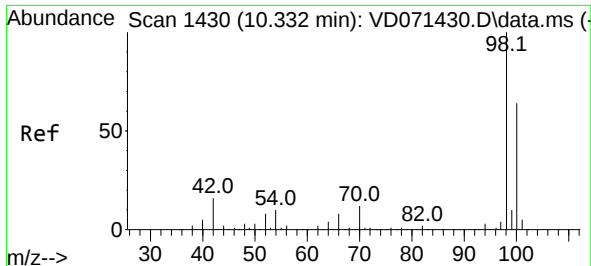
Ion Ratio Lower Upper

113 100

111 101.3 82.0 123.0

192 16.4 15.2 22.8

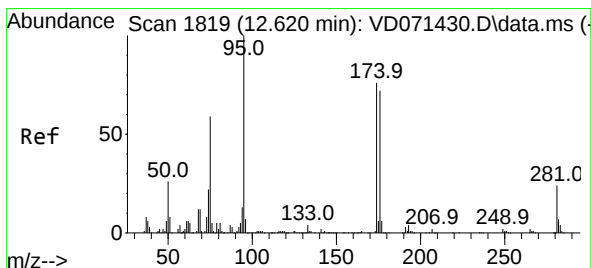
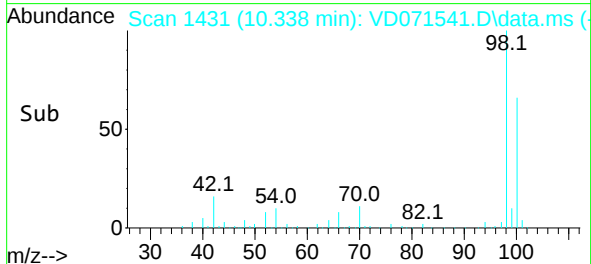
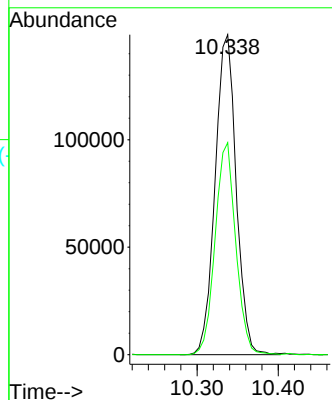
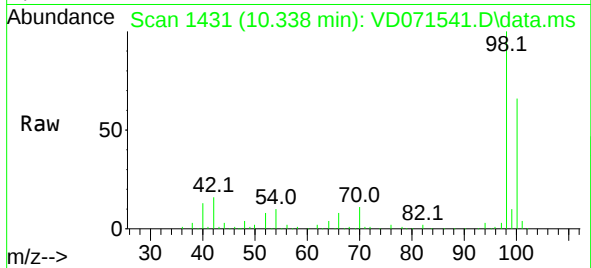




#50
Toluene-d8
Concen: 50.346 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071541.D
Acq: 30 Dec 2021 11:30

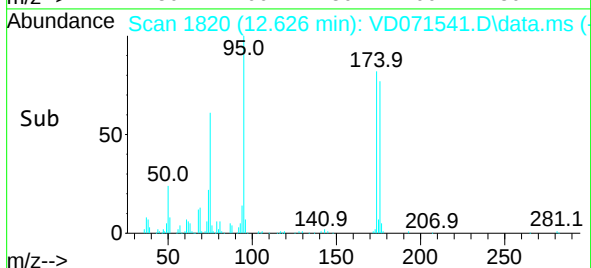
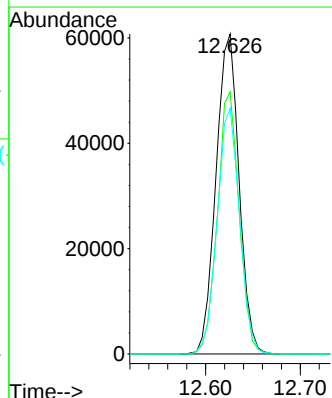
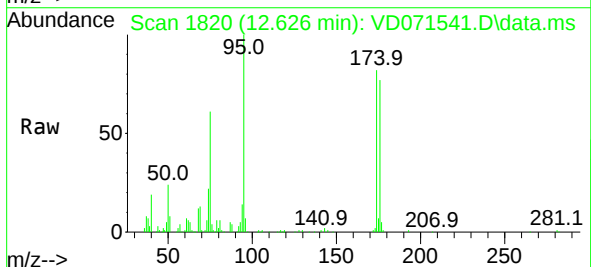
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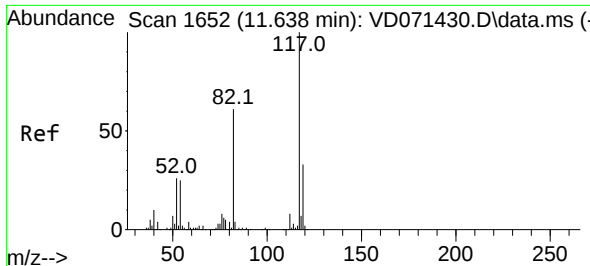
Tgt Ion: 98 Resp: 268606
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.150 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071541.D
Acq: 30 Dec 2021 11:30

Tgt Ion: 95 Resp: 102660
Ion Ratio Lower Upper
95 100
174 77.2 0.0 159.4
176 74.8 0.0 154.0

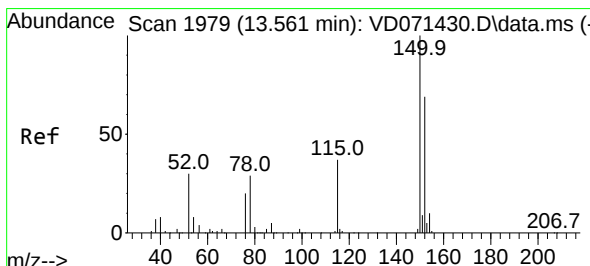
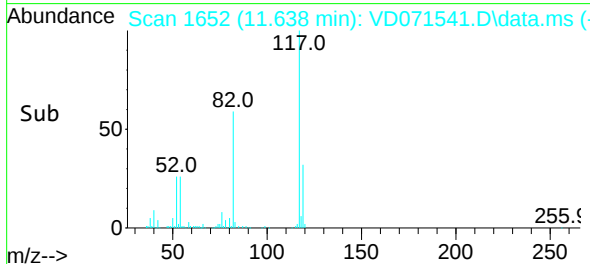
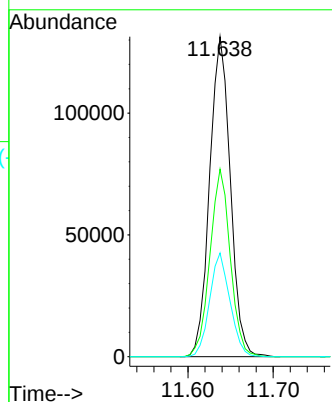
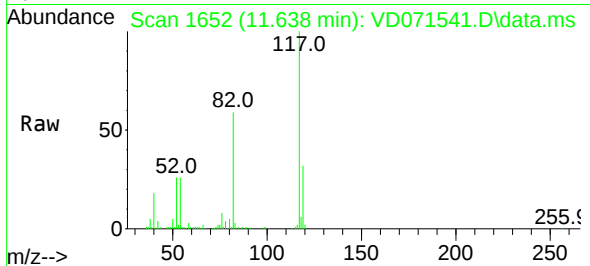




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071541.D
Acq: 30 Dec 2021 11:30

Instrument :
MSVOA_D
ClientSampleId :
124027

Tgt Ion:117 Resp: 221682
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 32.4 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: VD071541.D
Acq: 30 Dec 2021 11:30

Tgt Ion:152 Resp: 106965
Ion Ratio Lower Upper
152 100
115 61.1 29.8 89.3
150 157.6 0.0 349.2

