

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122521\
 Data File : VD071461.D
 Acq On : 25 Dec 2021 16:44
 Operator : VA/SY
 Sample : M5187-02
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-119-1-5-10

Quant Time: Dec 27 00:50:47 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	7.979	168	429199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	756078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	676972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289069	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241685	42.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.800%
35) Dibromofluoromethane	7.908	113	231973	45.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.300%
50) Toluene-d8	10.332	98	947494	49.341	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.620	95	297201	43.554	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.100%

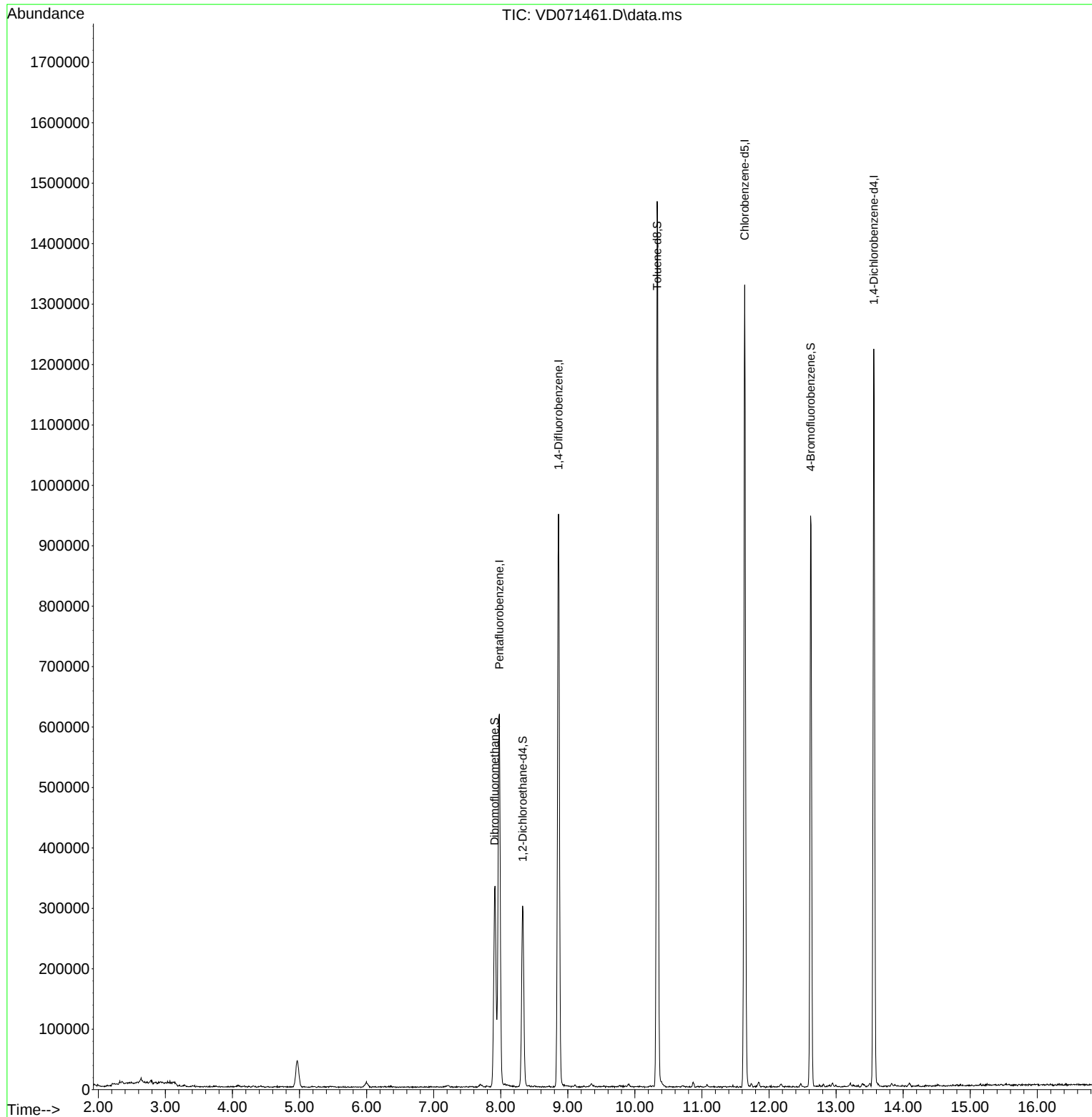
Target Compounds	Qvalue

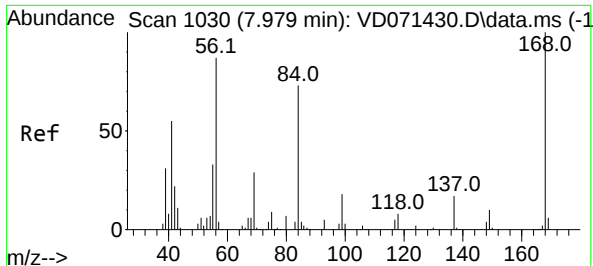
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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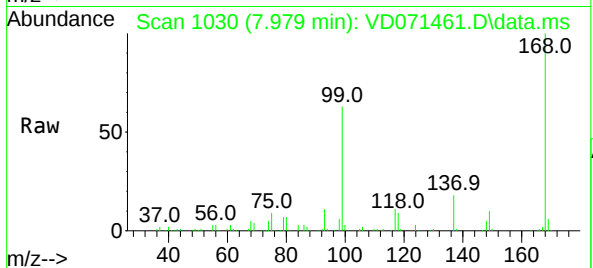
Quant Time: Dec 27 00:50:47 2021
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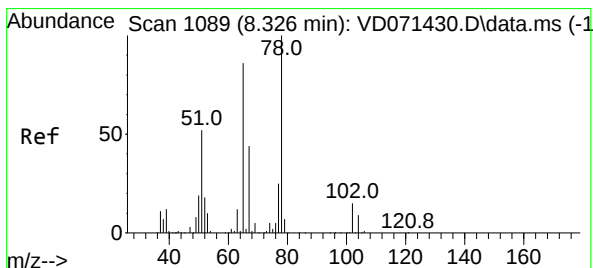
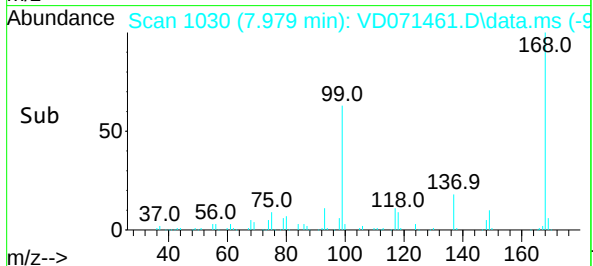
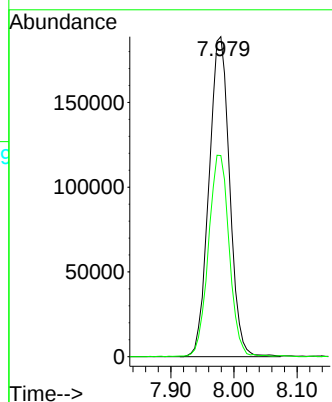


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

Instrument :
MSVOA_D
ClientSampleId :
SASP2-119-1-5-10

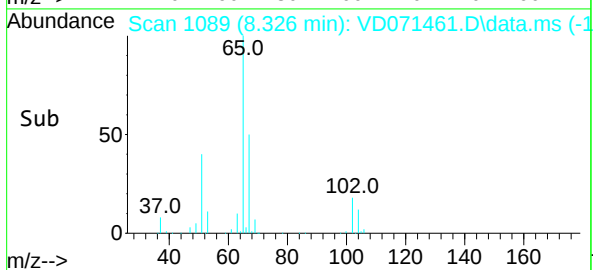
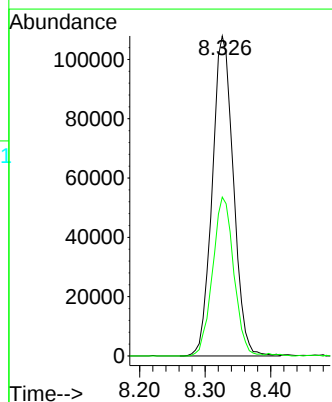
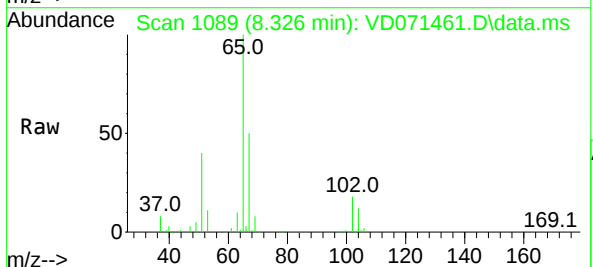


Tgt Ion:168 Resp: 429199
Ion Ratio Lower Upper
168 100
99 62.7 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 42.400 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071461.D
Acq: 25 Dec 2021 16:44

Tgt Ion: 65 Resp: 241685
Ion Ratio Lower Upper
65 100
67 49.7 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: VD071461.D

Acq: 25 Dec 2021 16:44

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-5-10

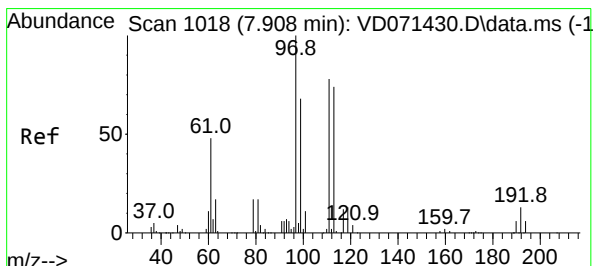
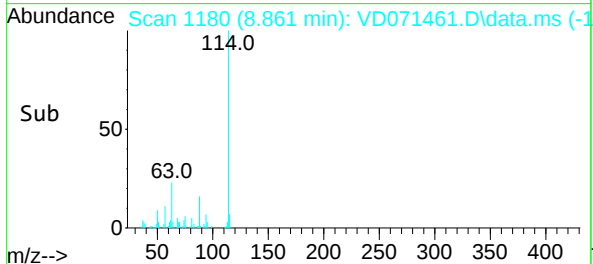
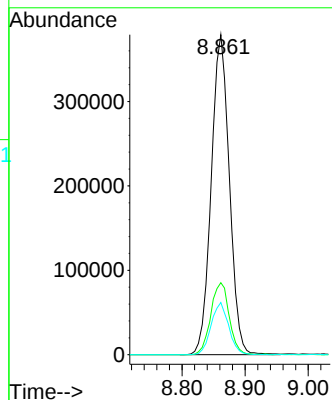
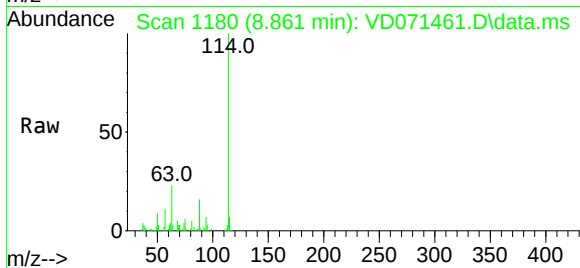
Tgt Ion:114 Resp: 756078

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.8

88 16.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.651 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD071461.D

Acq: 25 Dec 2021 16:44

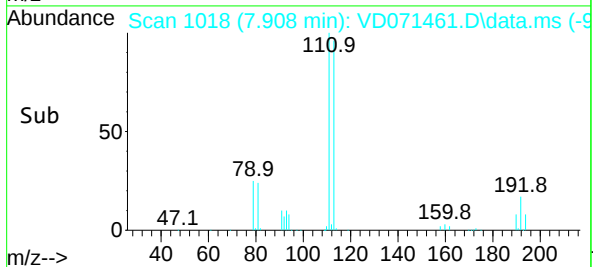
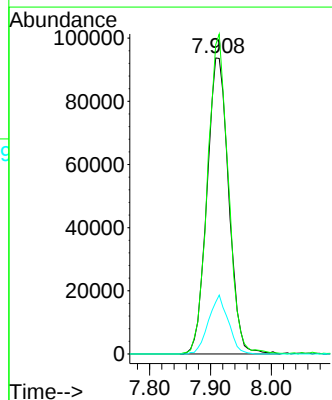
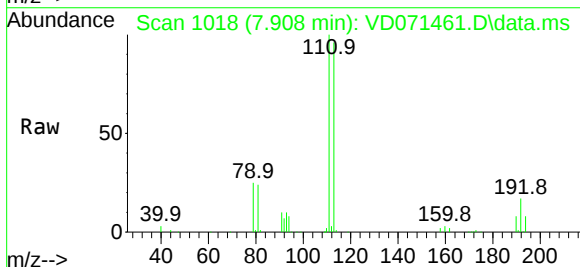
Tgt Ion:113 Resp: 231973

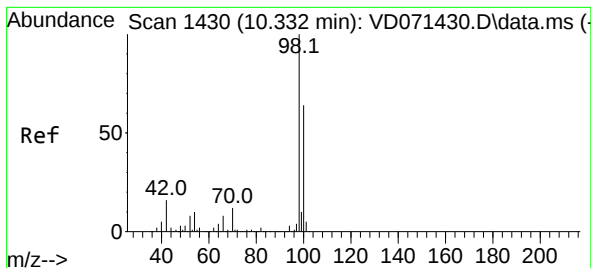
Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 18.1 15.2 22.8





#50

Toluene-d8

Concen: 49.341 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD071461.D

Acq: 25 Dec 2021 16:44

Instrument :

MSVOA_D

ClientSampleId :

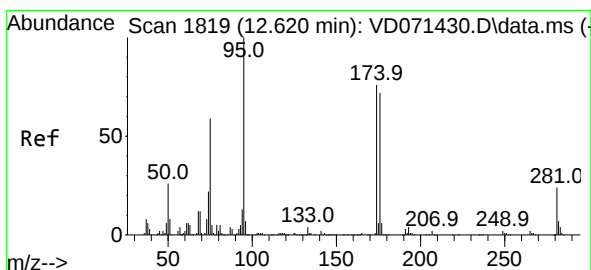
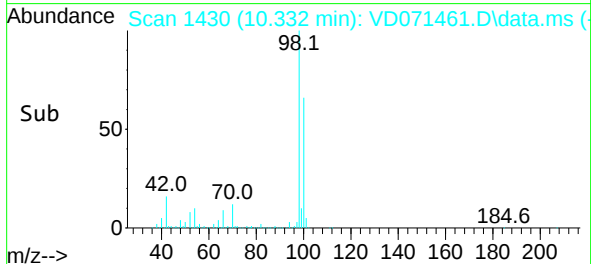
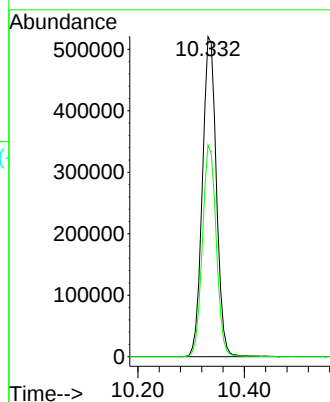
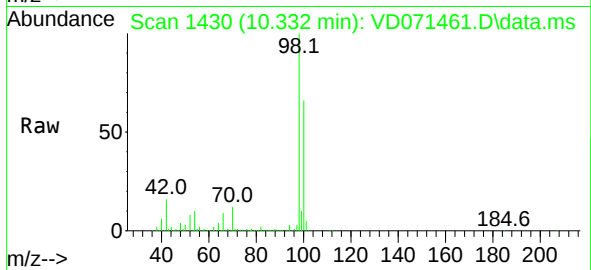
SASP2-119-1-5-10

Tgt Ion: 98 Resp: 947494

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 43.554 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.006 min

Lab File: VD071461.D

Acq: 25 Dec 2021 16:44

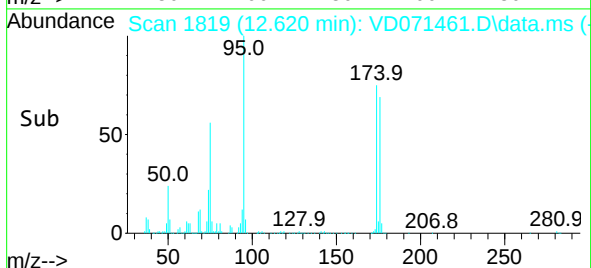
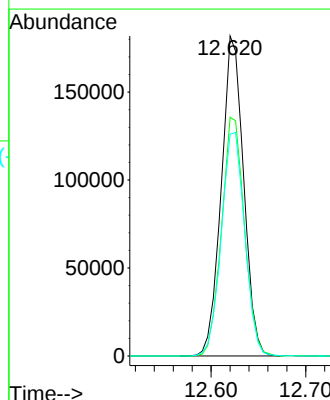
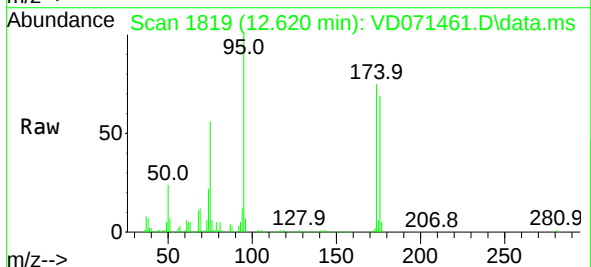
Tgt Ion: 95 Resp: 297201

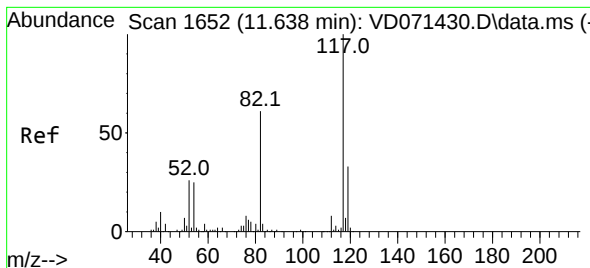
Ion Ratio Lower Upper

95 100

174 76.5 0.0 159.4

176 73.3 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD071461.D

Acq: 25 Dec 2021 16:44

Instrument :

MSVOA_D

ClientSampleId :

SASP2-119-1-5-10

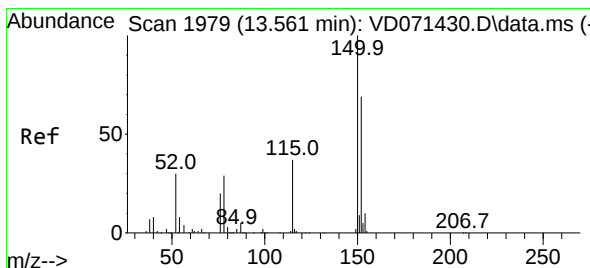
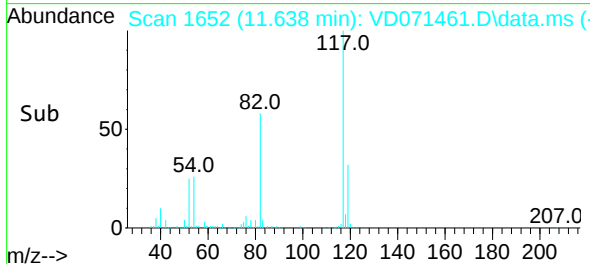
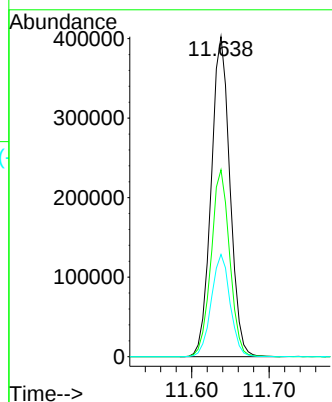
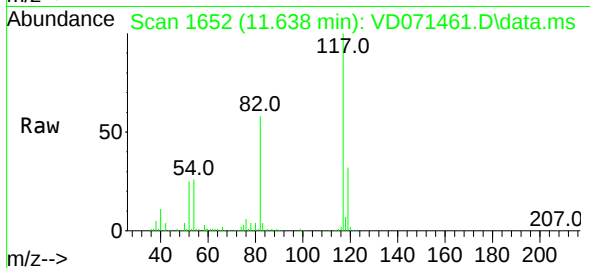
Tgt Ion:117 Resp: 676972

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: VD071461.D

Acq: 25 Dec 2021 16:44

Tgt Ion:152 Resp: 289069

Ion Ratio Lower Upper

152 100

115 61.1 29.8 89.3

150 160.0 0.0 349.2

