

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122321\
 Data File : VD071443.D
 Acq On : 23 Dec 2021 15:21
 Operator : VA/SY
 Sample : M5081-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CONCRETE

Quant Time: Dec 23 15:45:13 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	444221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	807873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	716706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	317072	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	274788	46.577	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.160%
35) Dibromofluoromethane	7.909	113	254084	46.797	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.600%
50) Toluene-d8	10.338	98	1003612	48.913	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.626	95	325688	44.669	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.340%

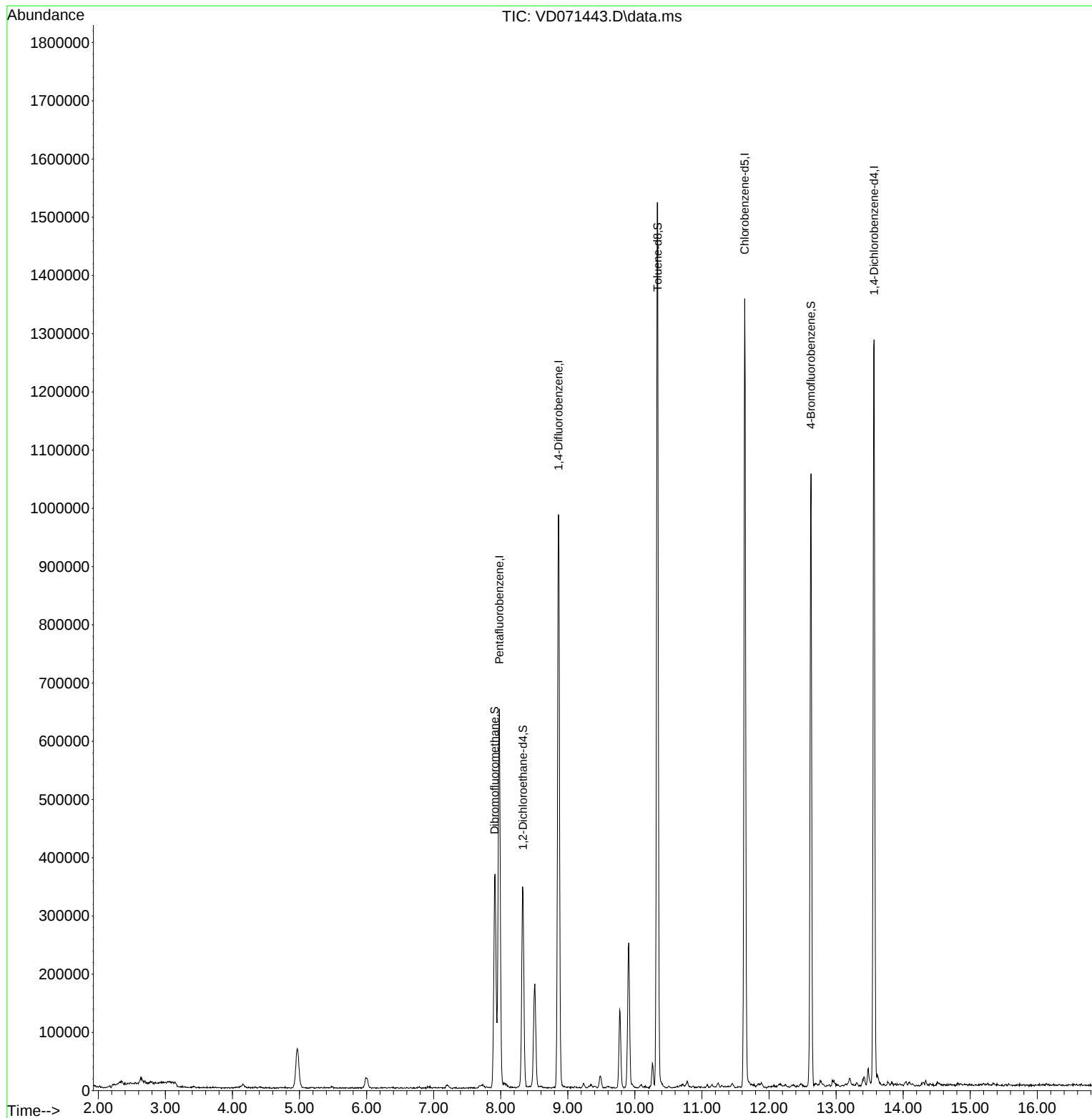
Target Compounds	Qvalue

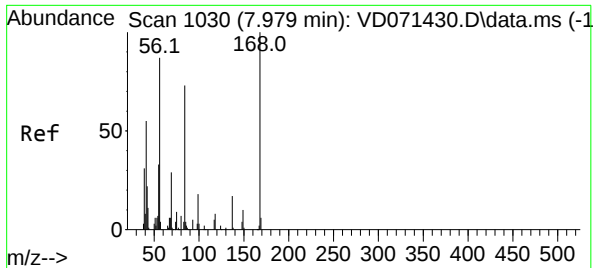
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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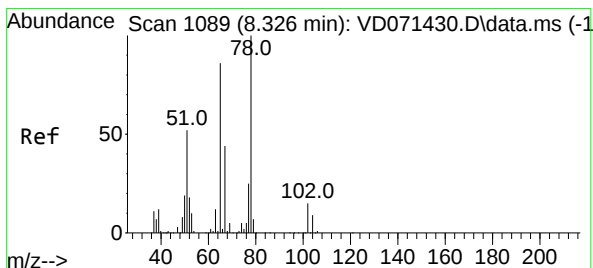
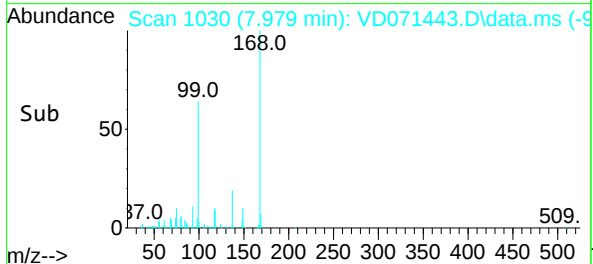
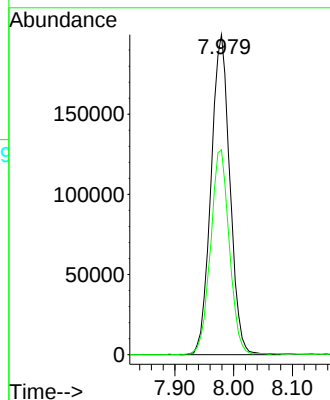
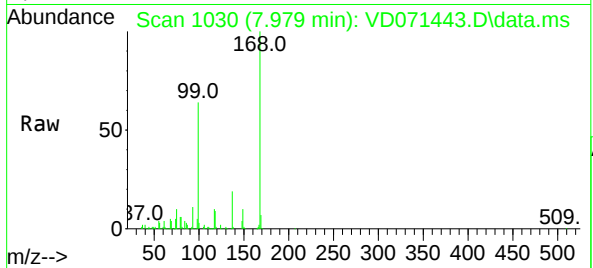




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071443.D
Acq: 23 Dec 2021 15:21

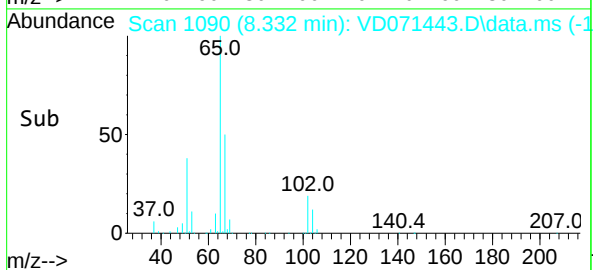
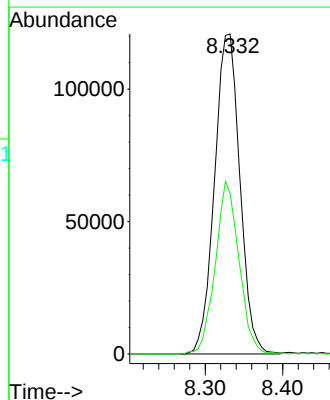
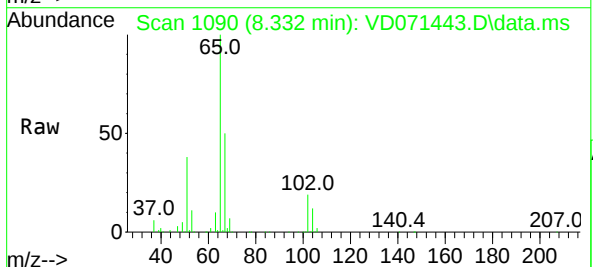
Instrument :
MSVOA_D
ClientSampleId :
CONCRETE

Tgt Ion:168 Resp: 444221
Ion Ratio Lower Upper
168 100
99 63.8 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 46.577 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071443.D
Acq: 23 Dec 2021 15:21

Tgt Ion: 65 Resp: 274788
Ion Ratio Lower Upper
65 100
67 50.5 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: VD071443.D

Acq: 23 Dec 2021 15:21

Instrument :

MSVOA_D

ClientSampleId :

CONCRETE

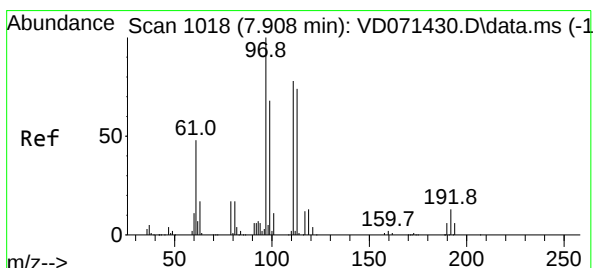
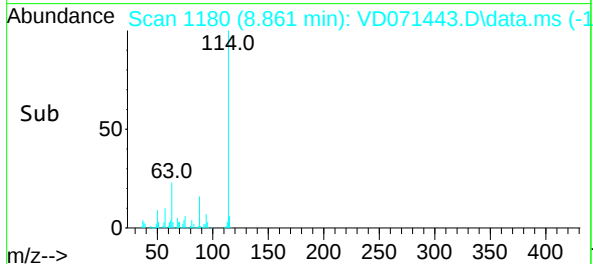
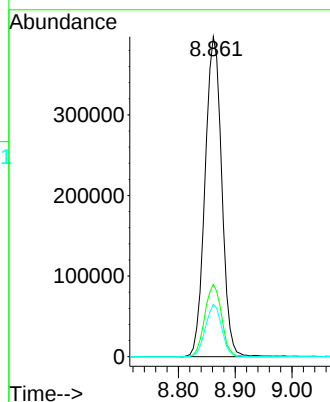
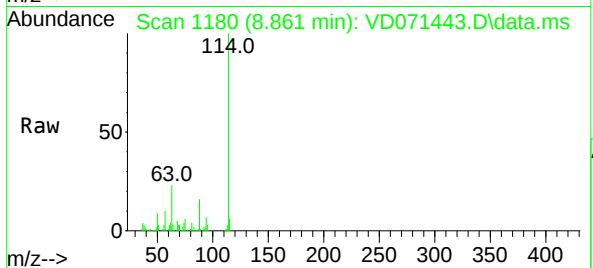
Tgt Ion:114 Resp: 807873

Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 16.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 46.797 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD071443.D

Acq: 23 Dec 2021 15:21

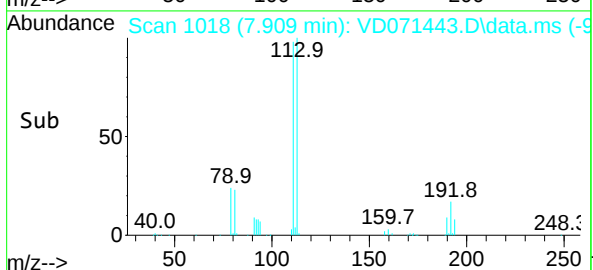
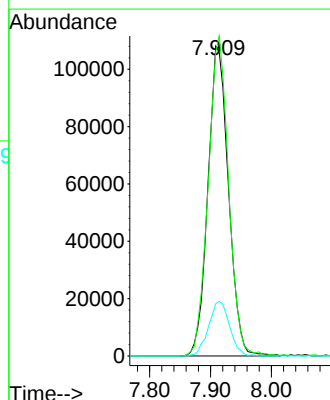
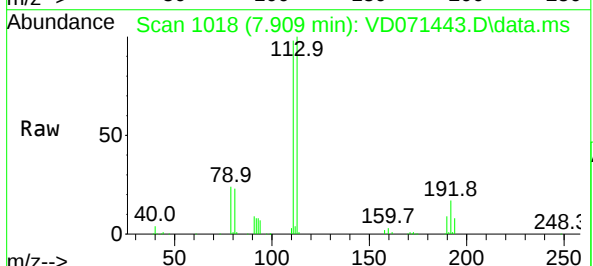
Tgt Ion:113 Resp: 254084

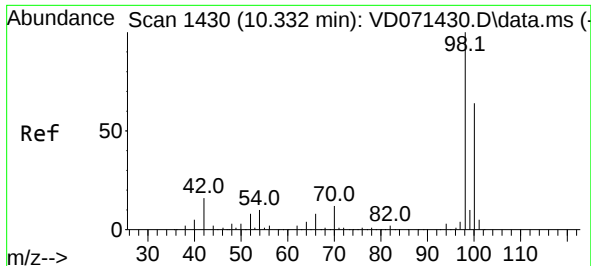
Ion Ratio Lower Upper

113 100

111 102.6 82.0 123.0

192 18.0 15.2 22.8

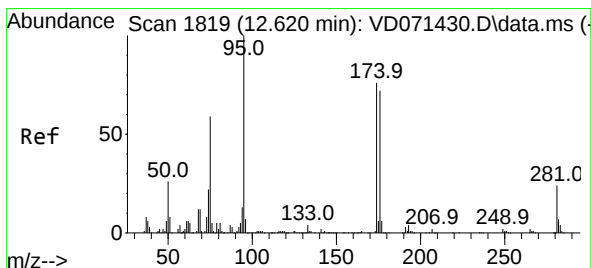
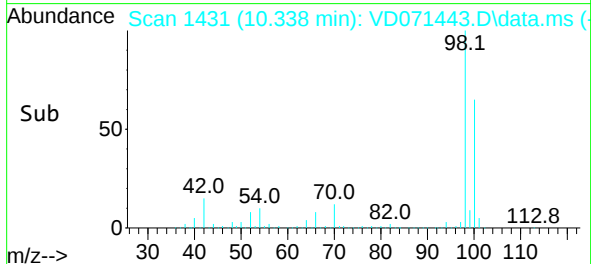
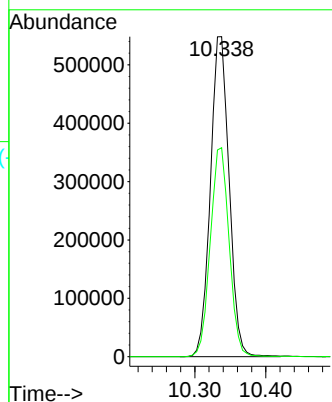
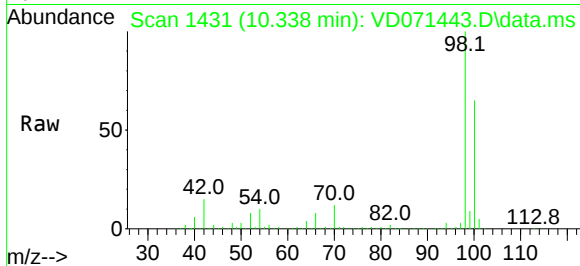




#50
Toluene-d8
Concen: 48.913 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071443.D
Acq: 23 Dec 2021 15:21

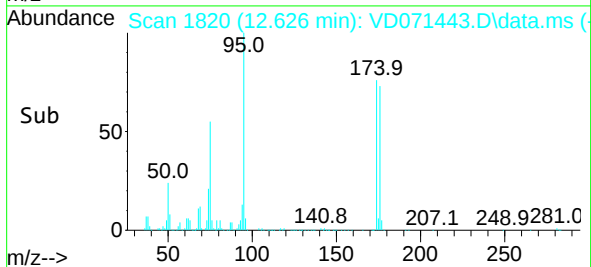
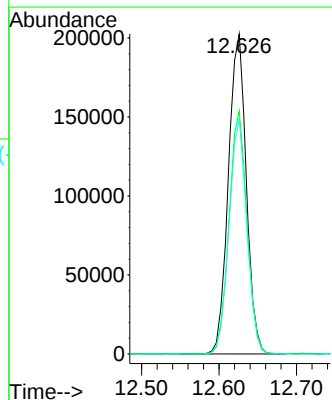
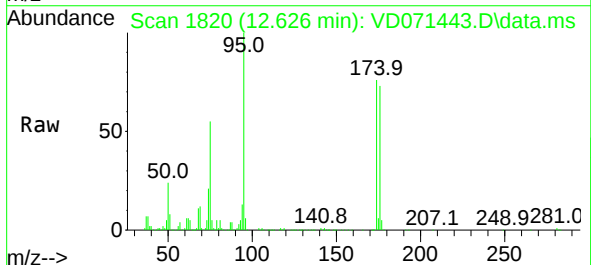
Instrument :
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CONCRETE

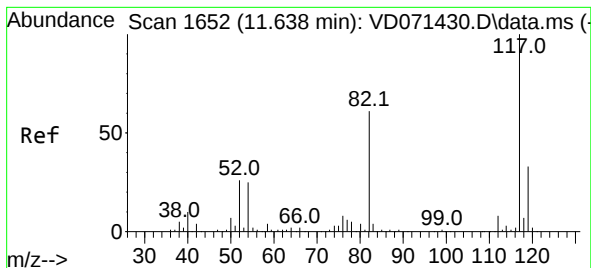
Tgt Ion: 98 Resp: 1003612
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.669 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071443.D
Acq: 23 Dec 2021 15:21

Tgt Ion: 95 Resp: 325688
Ion Ratio Lower Upper
95 100
174 75.9 0.0 159.4
176 73.4 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: VD071443.D

Acq: 23 Dec 2021 15:21

Instrument :

MSVOA_D

ClientSampleId :

CONCRETE

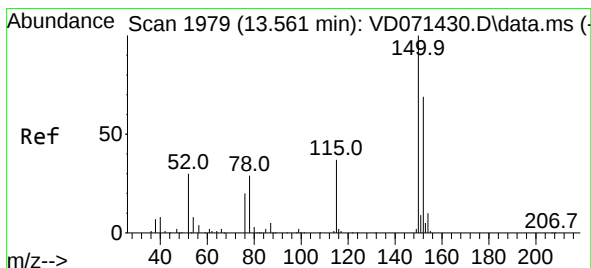
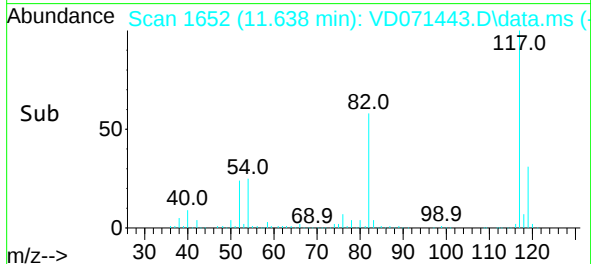
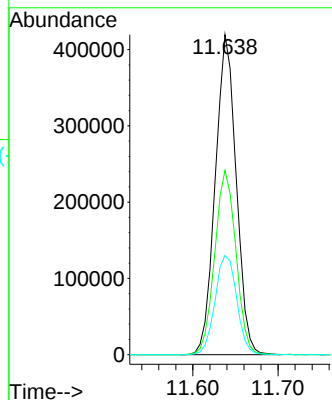
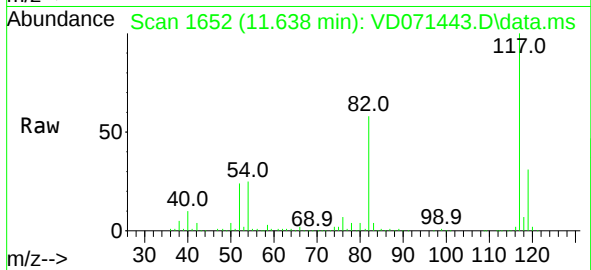
Tgt Ion:117 Resp: 716706

Ion Ratio Lower Upper

117 100

82 57.6 44.7 67.1

119 31.0 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: VD071443.D

Acq: 23 Dec 2021 15:21

Tgt Ion:152 Resp: 317072

Ion Ratio Lower Upper

152 100

115 61.7 29.8 89.3

150 159.1 0.0 349.2

