

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071558.D
 Acq On : 30 Dec 2021 19:28
 Operator : VA/SY
 Sample : M5253-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-1-122921

Quant Time: Dec 31 06:57:37 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	17855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	27622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	31234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	15754	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	15745	66.398	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.800%
35) Dibromofluoromethane	7.920	113	9390	50.581	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.160%
50) Toluene-d8	10.332	98	39208	55.888	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.780%
62) 4-Bromofluorobenzene	12.626	95	15634	62.713	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.420%

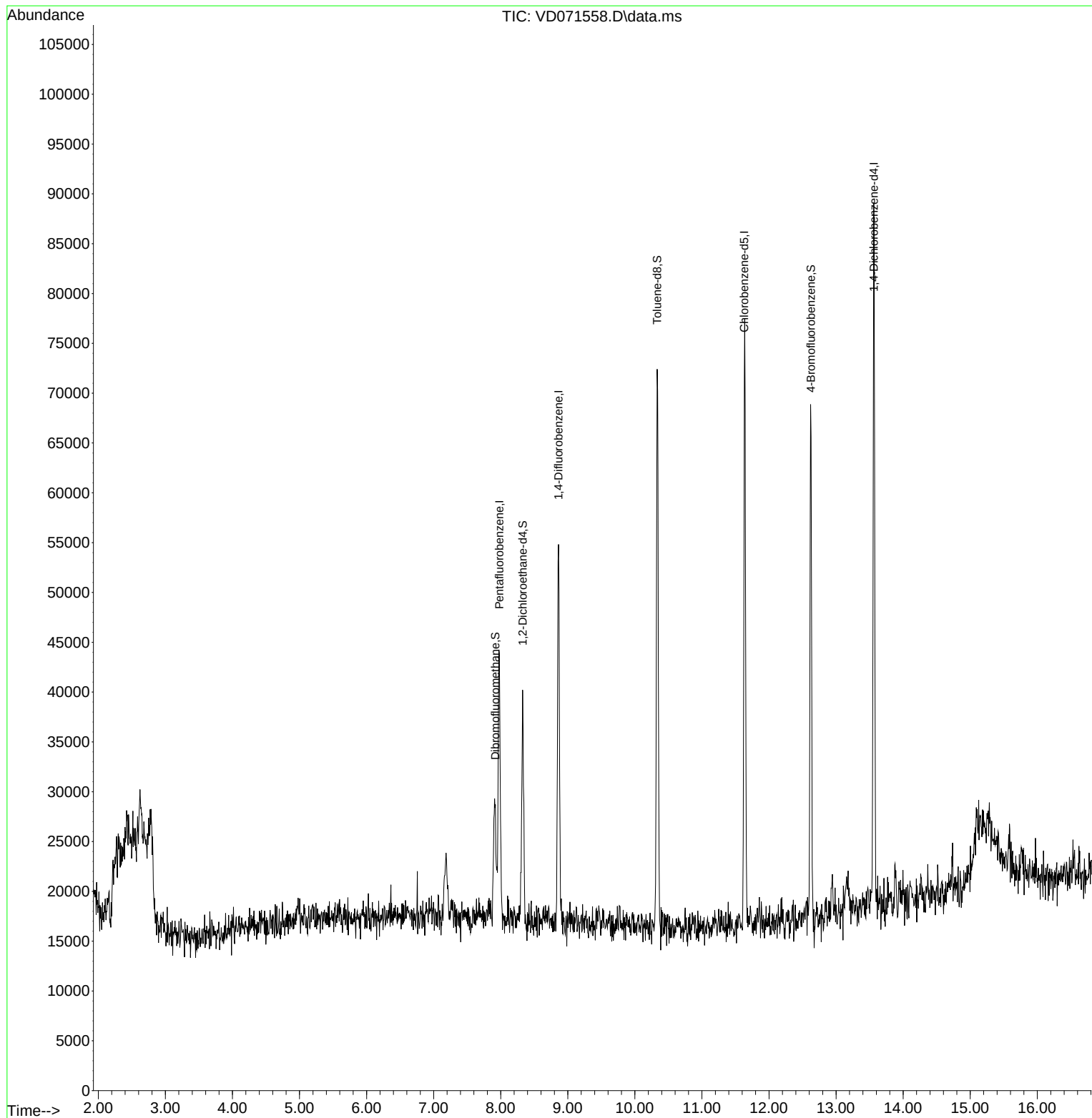
Target Compounds	Qvalue

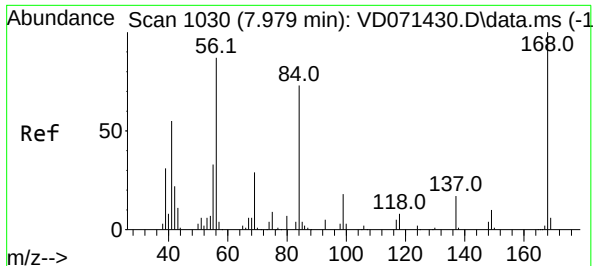
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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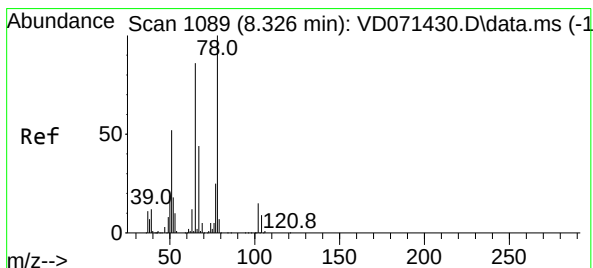
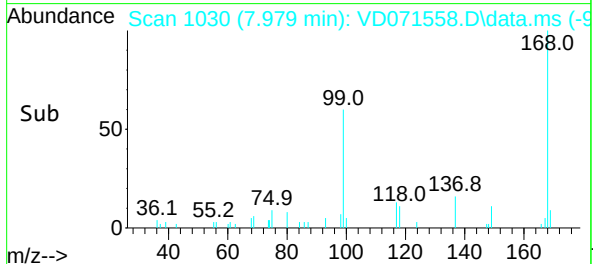
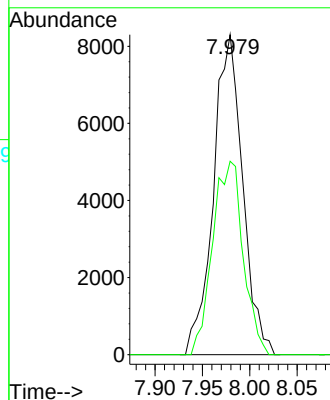
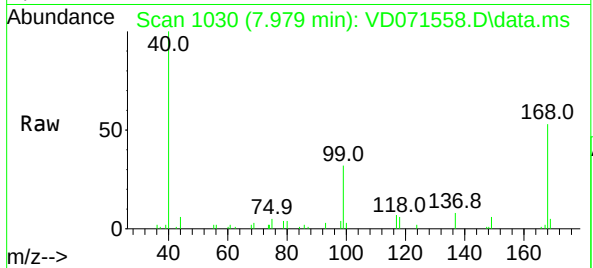




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071558.D
Acq: 30 Dec 2021 19:28

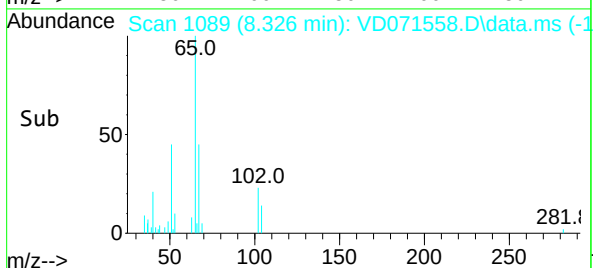
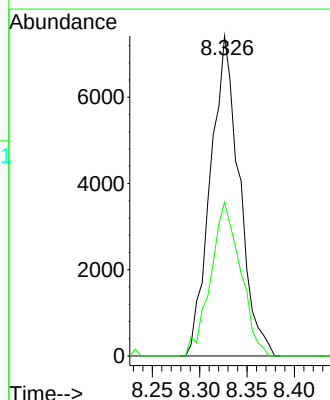
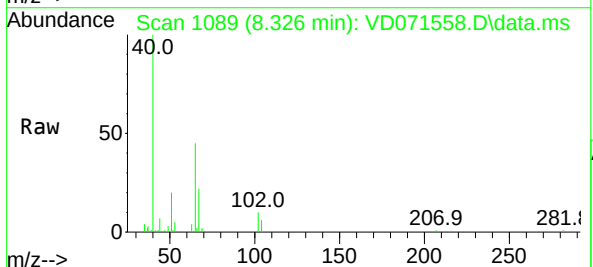
Instrument :
MSVOA_D
ClientSampleId :
SA-1-122921

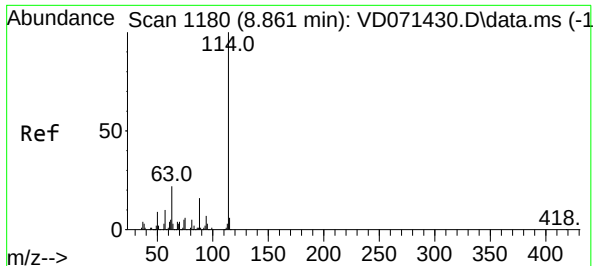
Tgt Ion:168 Resp: 17855
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 66.398 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071558.D
Acq: 30 Dec 2021 19:28

Tgt Ion: 65 Resp: 15745
Ion Ratio Lower Upper
65 100
67 49.6 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: VD071558.D

Acq: 30 Dec 2021 19:28

Instrument :

MSVOA_D

ClientSampleId :

SA-1-122921

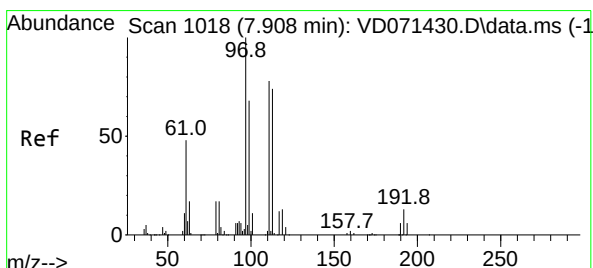
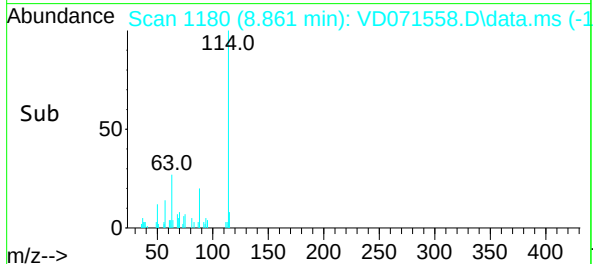
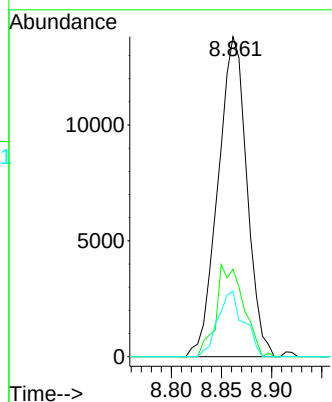
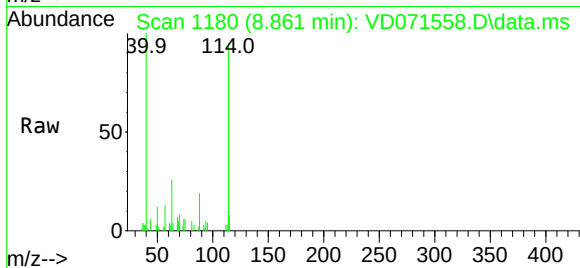
Tgt Ion:114 Resp: 27622

Ion Ratio Lower Upper

114 100

63 27.3 0.0 41.8

88 20.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.581 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.012 min

Lab File: VD071558.D

Acq: 30 Dec 2021 19:28

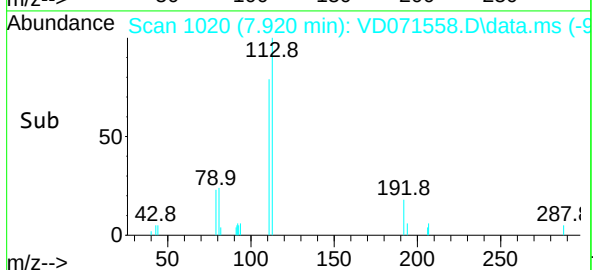
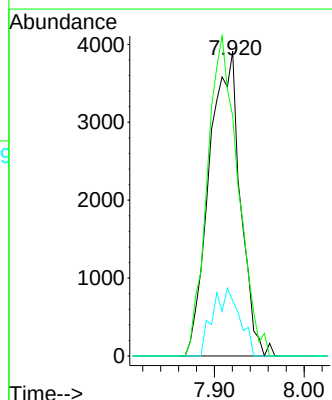
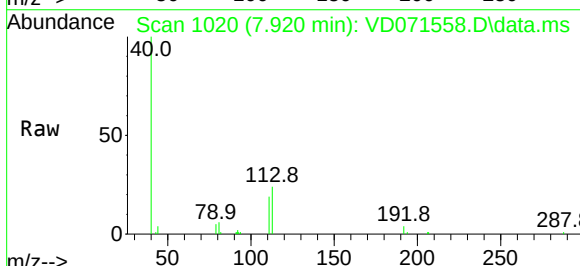
Tgt Ion:113 Resp: 9390

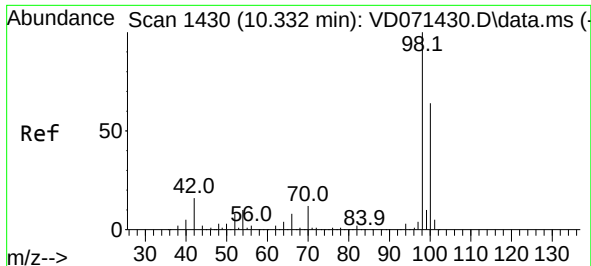
Ion Ratio Lower Upper

113 100

111 103.8 82.0 123.0

192 19.1 15.2 22.8

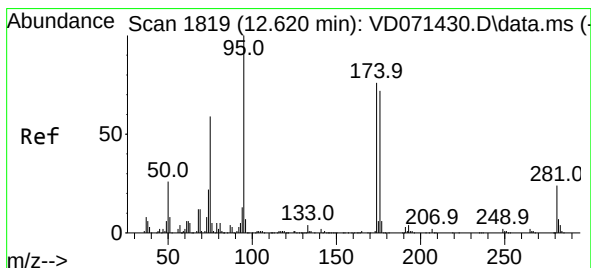
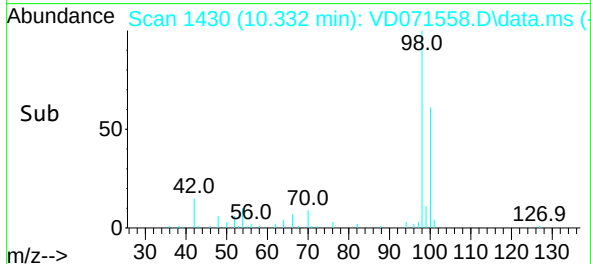
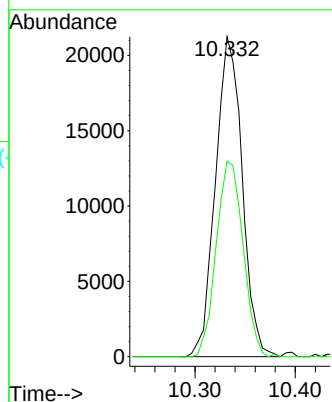
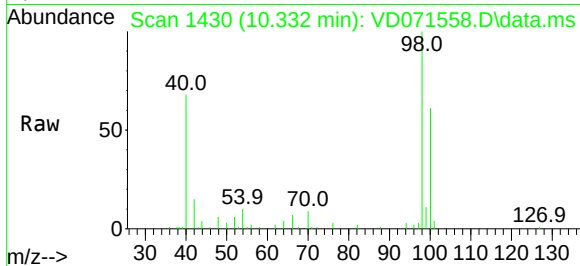




#50
Toluene-d8
Concen: 55.888 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071558.D
Acq: 30 Dec 2021 19:28

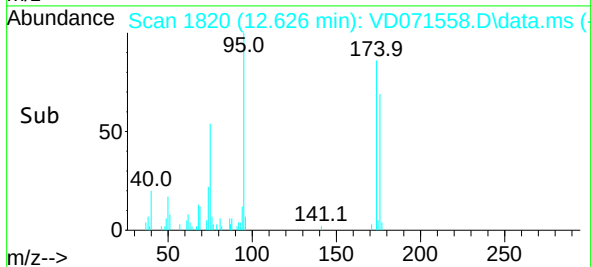
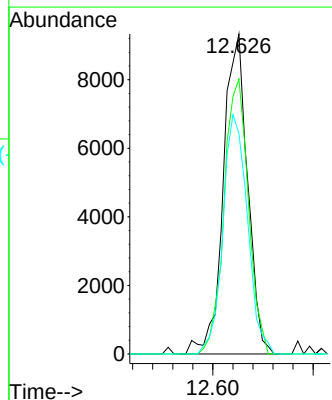
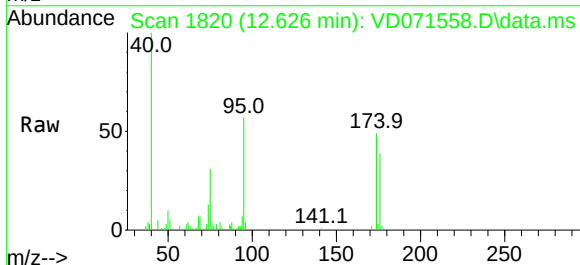
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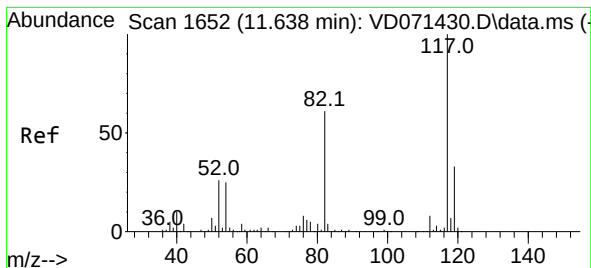
Tgt Ion: 98 Resp: 39208
Ion Ratio Lower Upper
98 100
100 61.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 62.713 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071558.D
Acq: 30 Dec 2021 19:28

Tgt Ion: 95 Resp: 15634
Ion Ratio Lower Upper
95 100
174 86.0 0.0 159.4
176 75.6 0.0 154.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD071558.D

Acq: 30 Dec 2021 19:28

Instrument :

MSVOA_D

ClientSampleId :

SA-1-122921

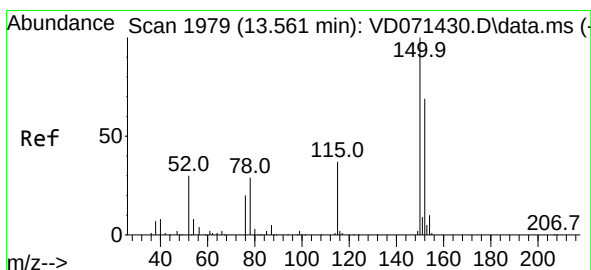
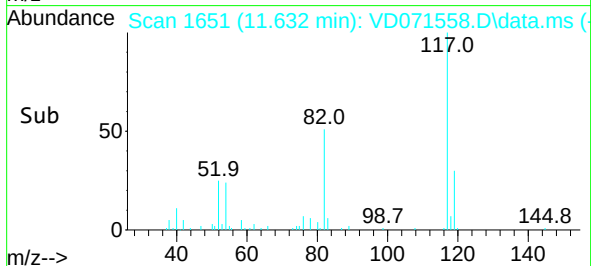
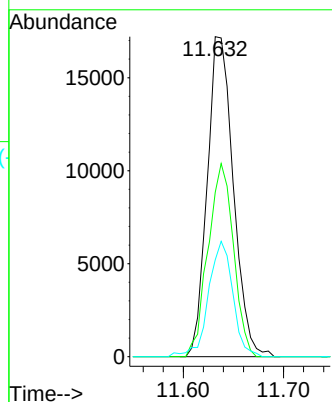
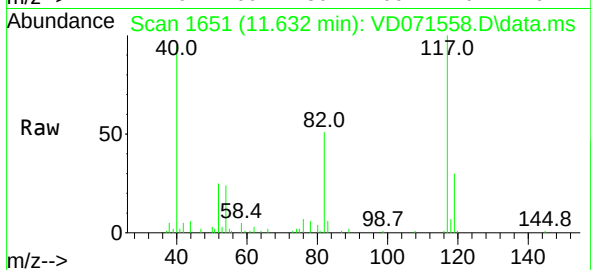
Tgt Ion:117 Resp: 31234

Ion Ratio Lower Upper

117 100

82 51.4 44.7 67.1

119 30.3 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: VD071558.D

Acq: 30 Dec 2021 19:28

Tgt Ion:152 Resp: 15754

Ion Ratio Lower Upper

152 100

115 65.8 29.8 89.3

150 158.1 0.0 349.2

