

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071557.D
 Acq On : 30 Dec 2021 18:59
 Operator : VA/SY
 Sample : M5337-09
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-1

Quant Time: Dec 31 06:57:01 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	25167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	44047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	50714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	29618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	22561	67.499	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.000%
35) Dibromofluoromethane	7.914	113	13517	45.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.320%
50) Toluene-d8	10.332	98	59438	53.131	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.260%
62) 4-Bromofluorobenzene	12.626	95	28648	72.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	144.120%#

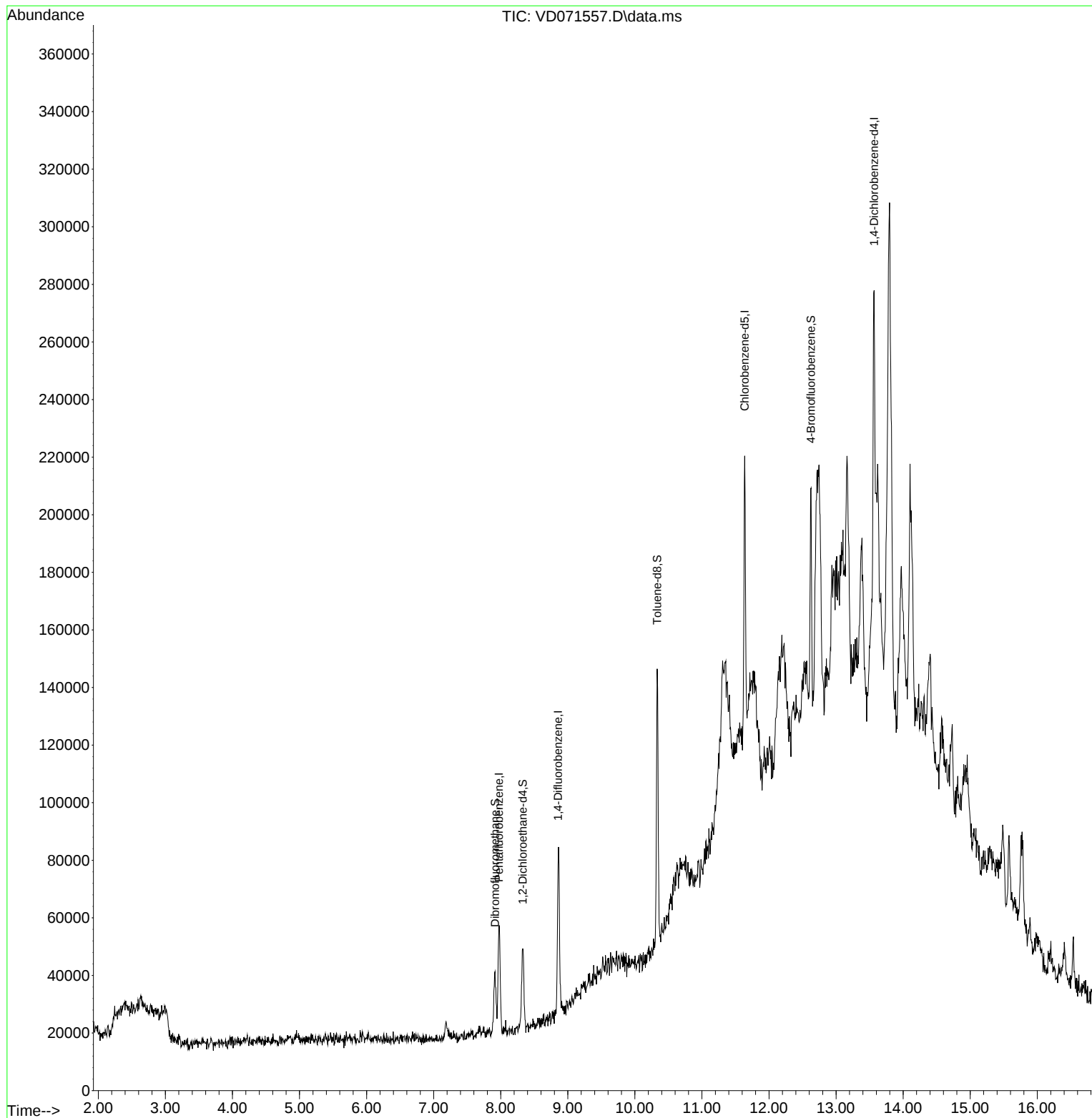
Target Compounds	Qvalue

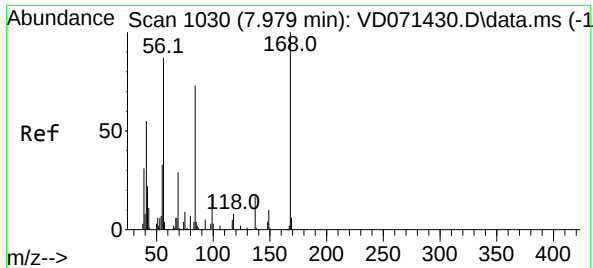
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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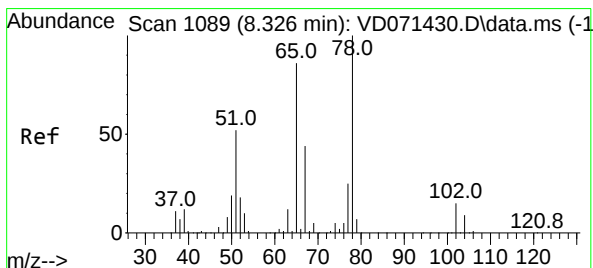
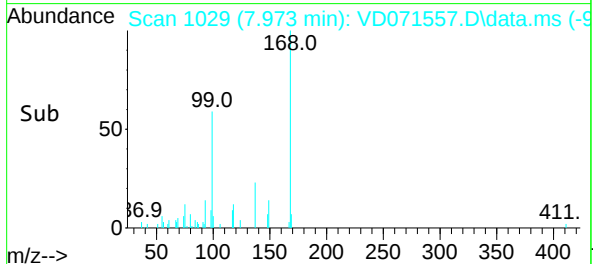
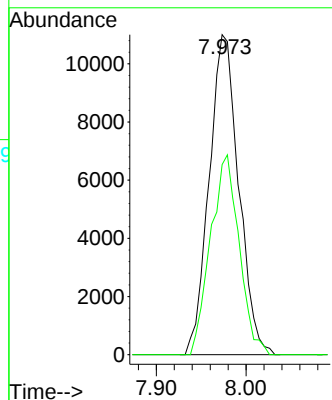
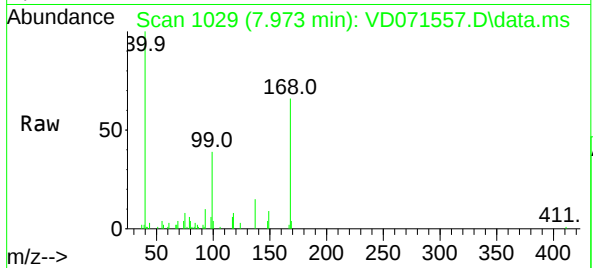




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071557.D
Acq: 30 Dec 2021 18:59

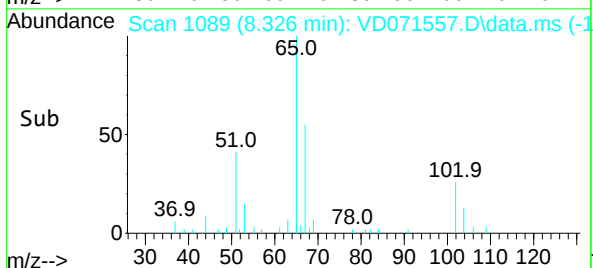
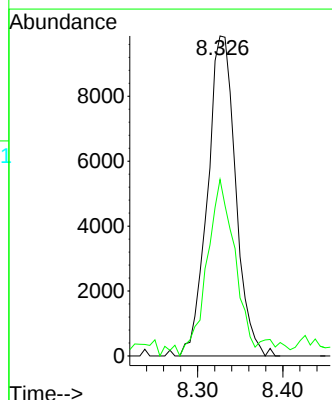
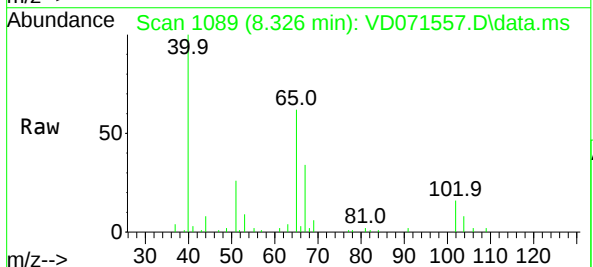
Instrument :
MSVOA_D
ClientSampleId :
WC-1

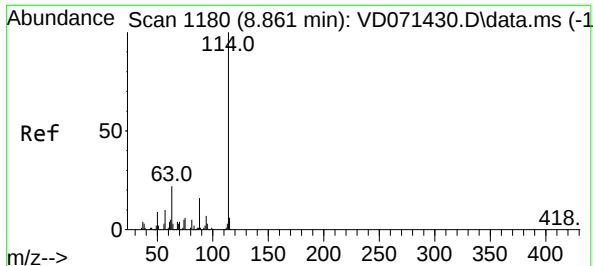
Tgt Ion:168 Resp: 25167
Ion Ratio Lower Upper
168 100
99 59.4 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 67.499 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071557.D
Acq: 30 Dec 2021 18:59

Tgt Ion: 65 Resp: 22561
Ion Ratio Lower Upper
65 100
67 54.5 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD071557.D

Acq: 30 Dec 2021 18:59

Instrument :

MSVOA_D

ClientSampleId :

WC-1

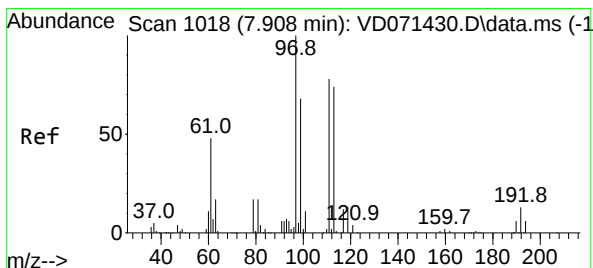
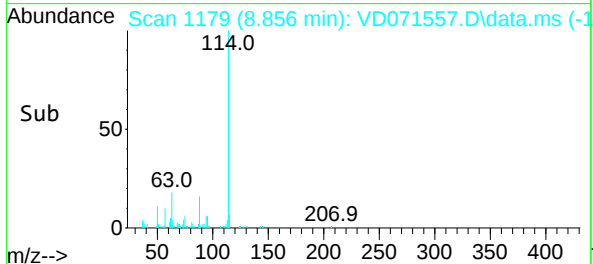
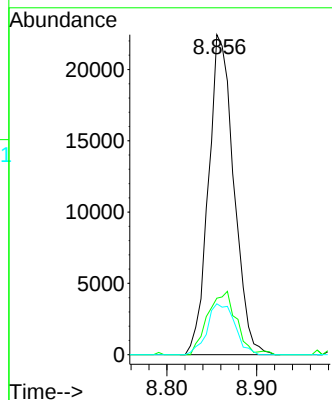
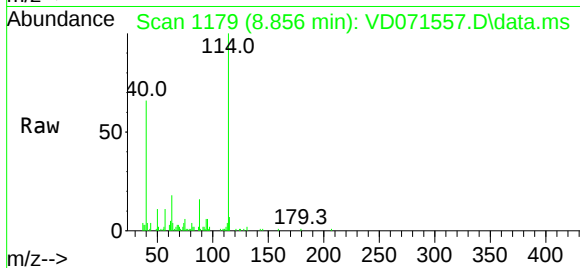
Tgt Ion:114 Resp: 44047

Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.8

88 15.9 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.661 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071557.D

Acq: 30 Dec 2021 18:59

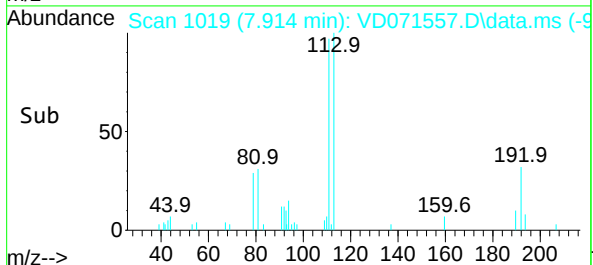
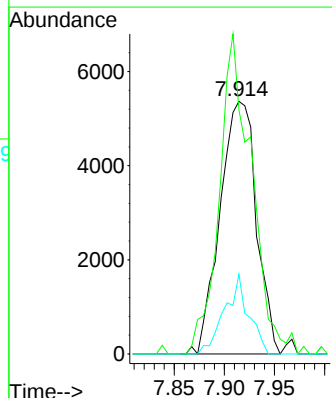
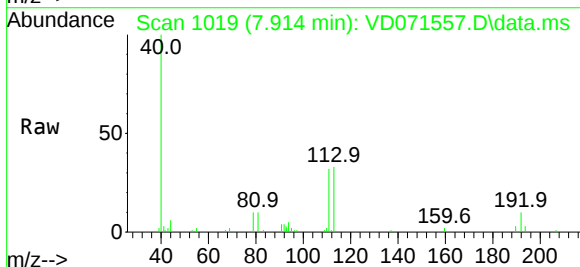
Tgt Ion:113 Resp: 13517

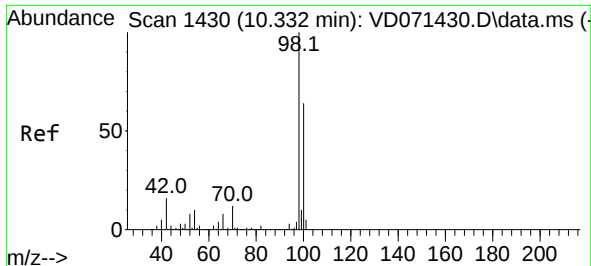
Ion Ratio Lower Upper

113 100

111 113.3 82.0 123.0

192 20.8 15.2 22.8

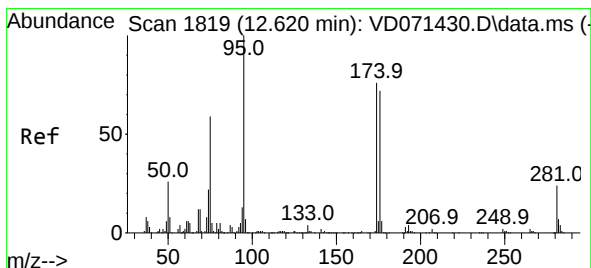
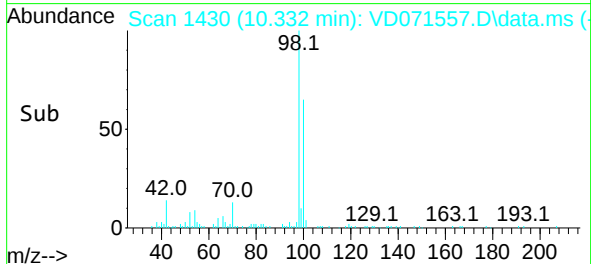
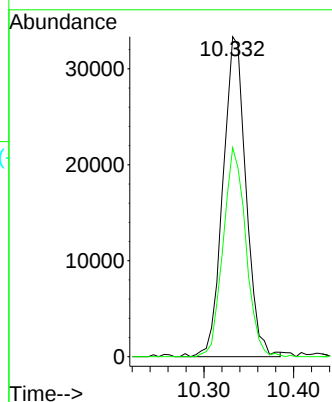
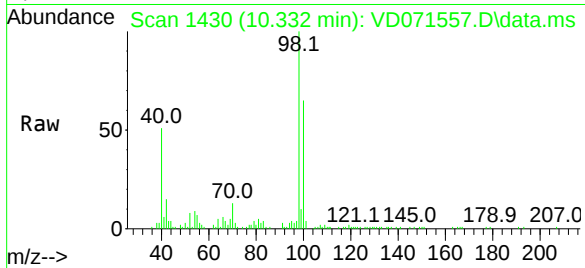




#50
Toluene-d8
Concen: 53.131 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071557.D
Acq: 30 Dec 2021 18:59

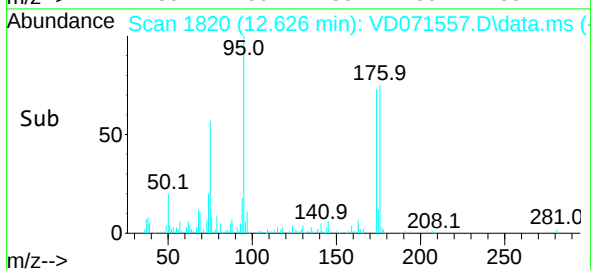
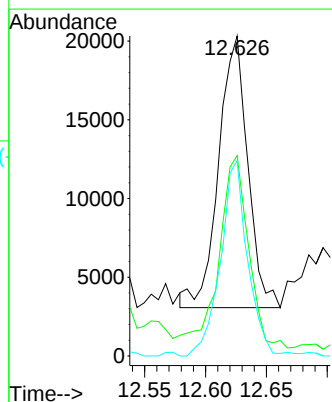
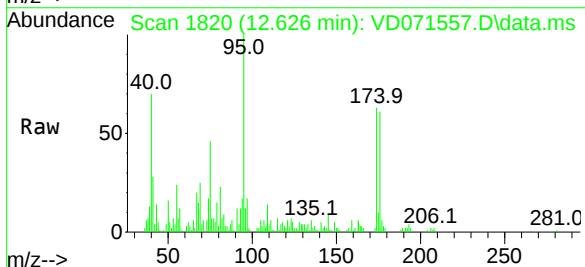
Instrument :
MSVOA_D
ClientSampleId :
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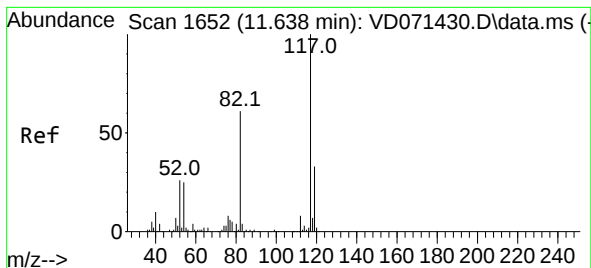
Tgt Ion: 98 Resp: 59438
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 72.065 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071557.D
Acq: 30 Dec 2021 18:59

Tgt Ion: 95 Resp: 28648
Ion Ratio Lower Upper
95 100
174 70.8 0.0 159.4
176 66.9 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: VD071557.D

Acq: 30 Dec 2021 18:59

Instrument :

MSVOA_D

ClientSampleId :

WC-1

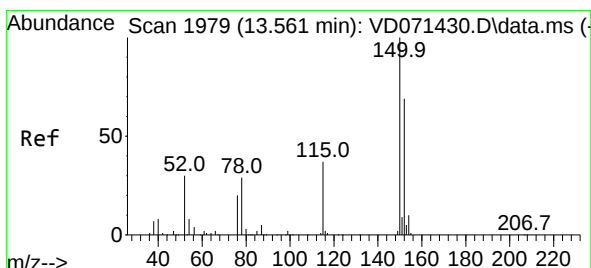
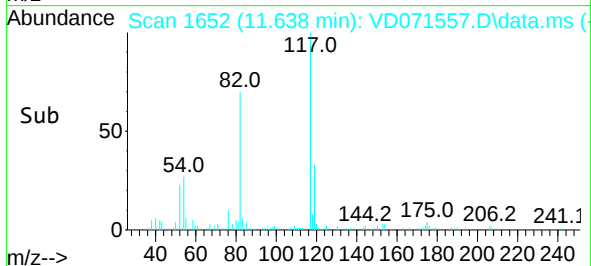
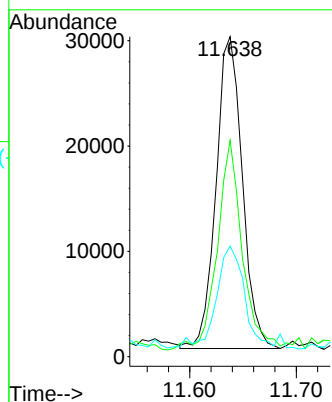
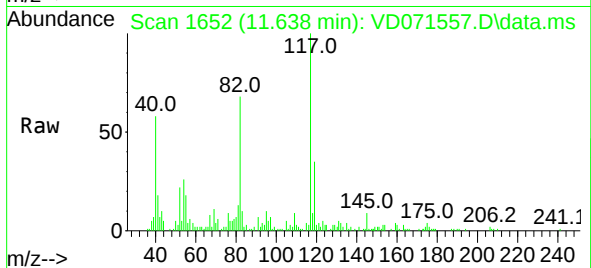
Tgt Ion:117 Resp: 50714

Ion Ratio Lower Upper

117 100

82 65.9 44.7 67.1

119 32.4 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: VD071557.D

Acq: 30 Dec 2021 18:59

Tgt Ion:152 Resp: 29618

Ion Ratio Lower Upper

152 100

115 71.0 29.8 89.3

150 134.2 0.0 349.2

