

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071413.D
 Acq On : 21 Dec 2021 16:25
 Operator : VA/SY
 Sample : M5184-05
 Misc : 7.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-5

Quant Time: Dec 21 19:09:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	65103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	114998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	114179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	52159	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	62027	81.197	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	162.400%
35) Dibromofluoromethane	7.914	113	44253	60.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.860%
50) Toluene-d8	10.338	98	147745	53.017	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.040%
62) 4-Bromofluorobenzene	12.626	95	51566	53.381	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.760%

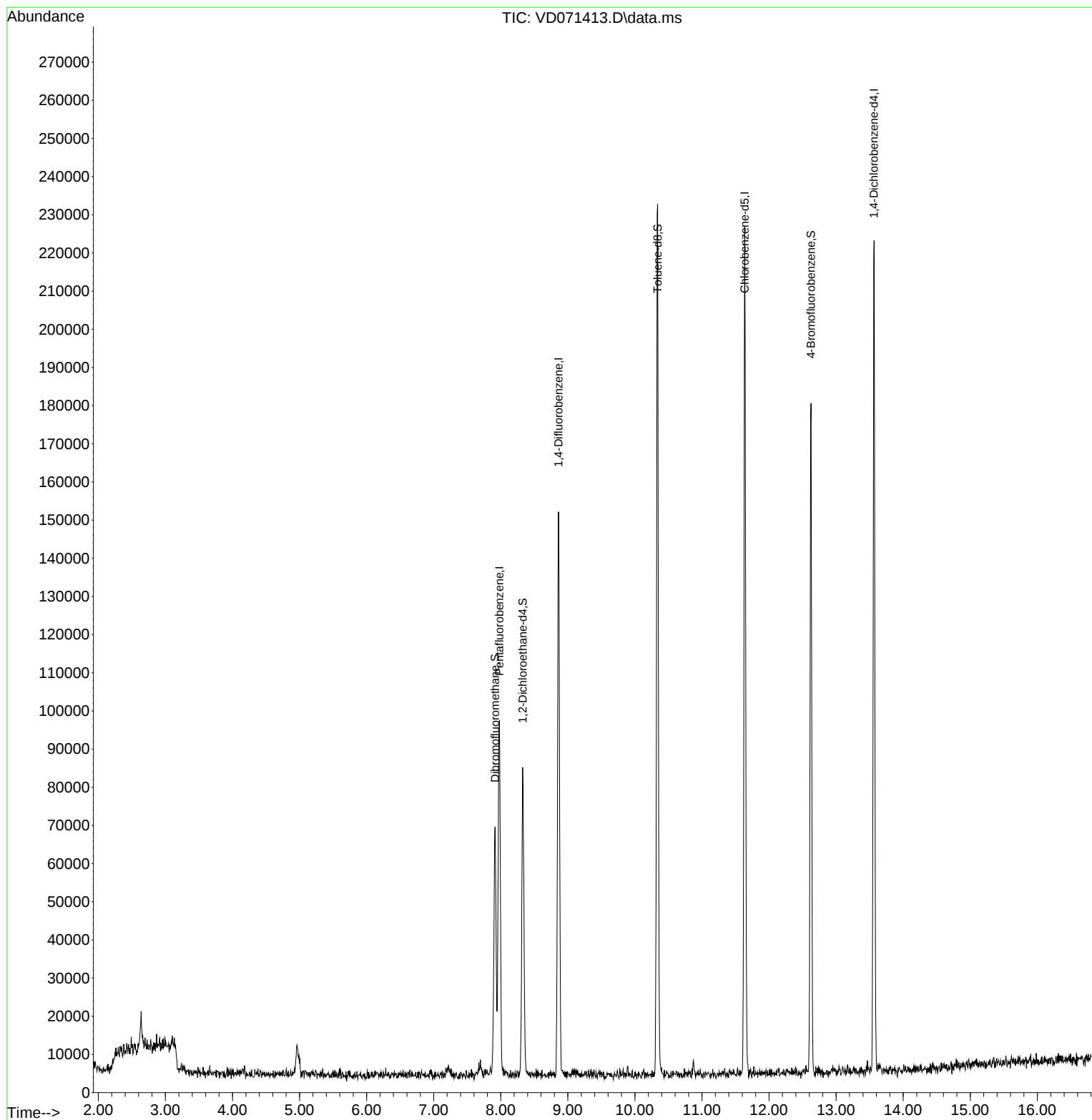
Target Compounds	Qvalue

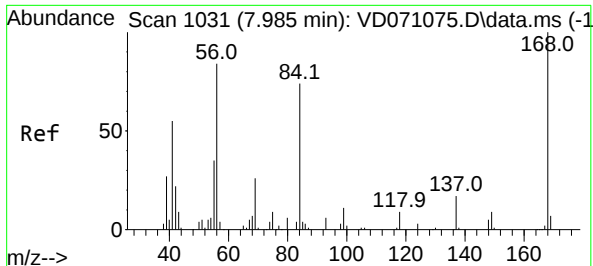
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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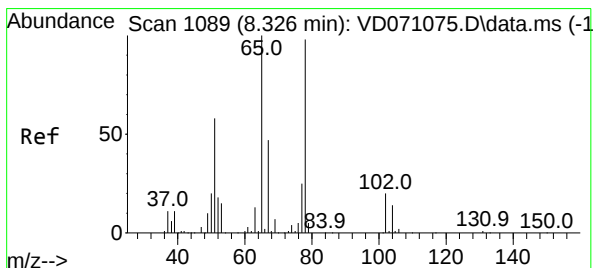
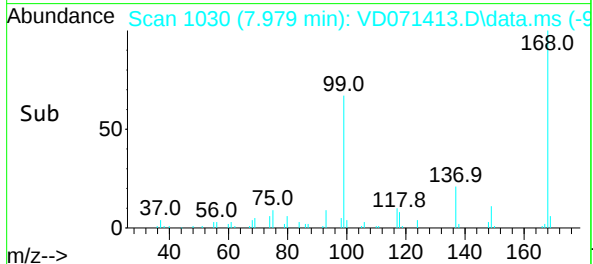
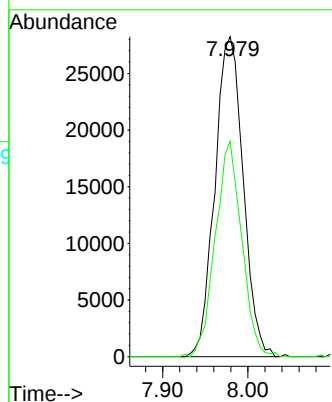
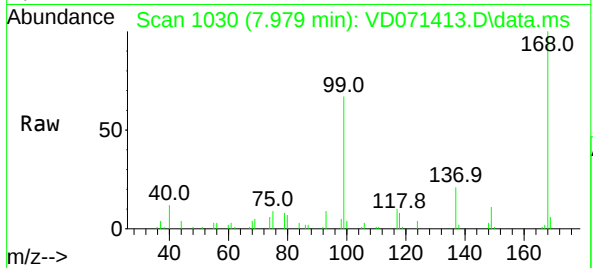




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD071413.D
Acq: 21 Dec 2021 16:25

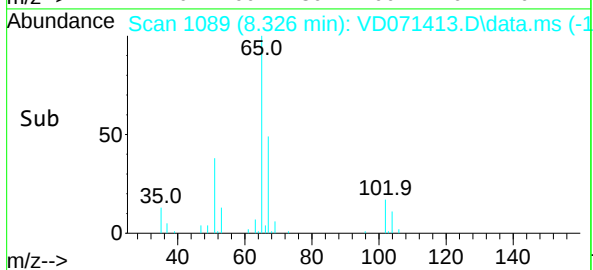
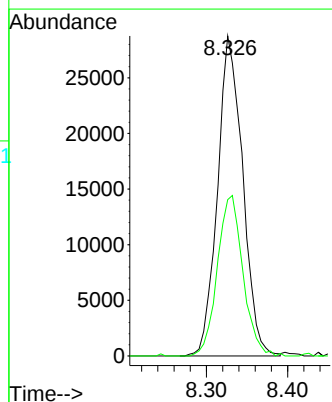
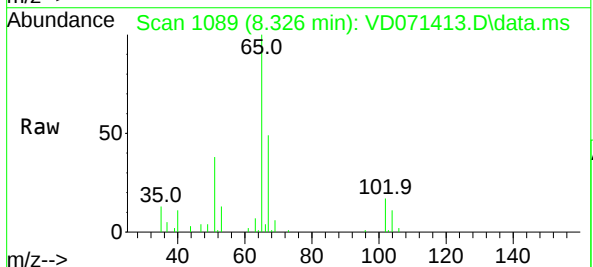
Instrument :
MSVOA_D
ClientSampleId :
SB-5

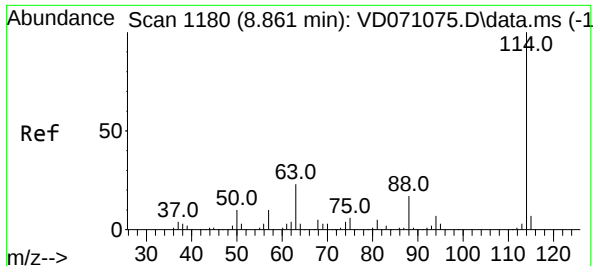
Tgt Ion:168 Resp: 65103
Ion Ratio Lower Upper
168 100
99 67.3 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 81.197 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071413.D
Acq: 21 Dec 2021 16:25

Tgt Ion: 65 Resp: 62027
Ion Ratio Lower Upper
65 100
67 51.0 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: VD071413.D

Acq: 21 Dec 2021 16:25

Instrument :

MSVOA_D

ClientSampleId :

SB-5

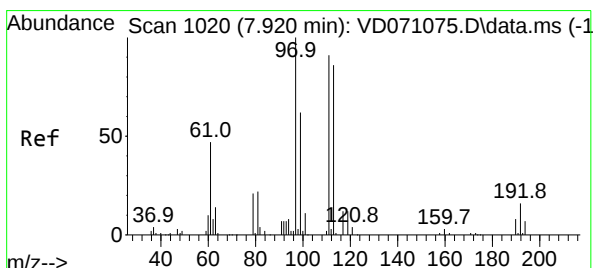
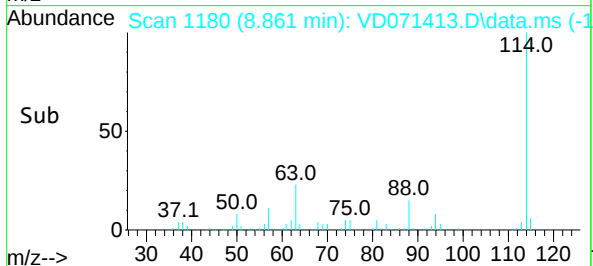
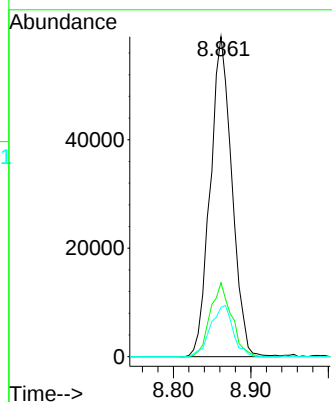
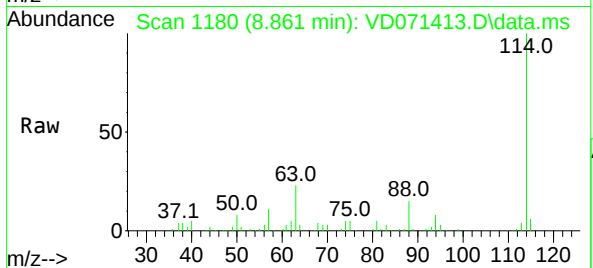
Tgt Ion:114 Resp: 114998

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 15.4 0.0 32.8



#35

Dibromofluoromethane

Concen: 60.431 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD071413.D

Acq: 21 Dec 2021 16:25

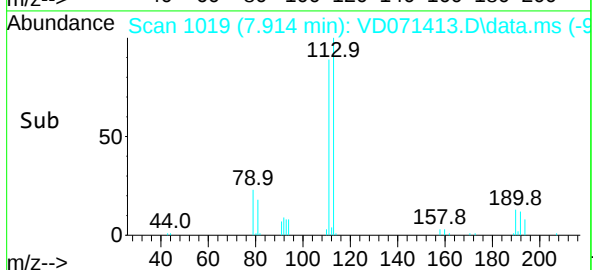
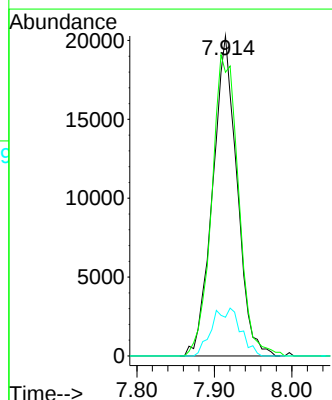
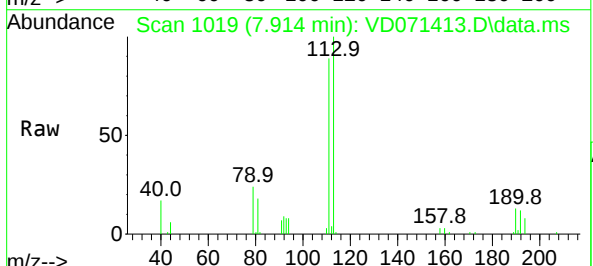
Tgt Ion:113 Resp: 44253

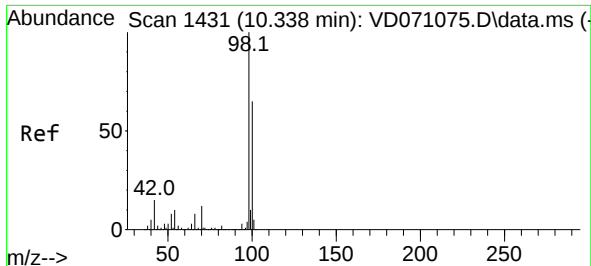
Ion Ratio Lower Upper

113 100

111 103.3 82.0 123.0

192 17.6 15.2 22.8

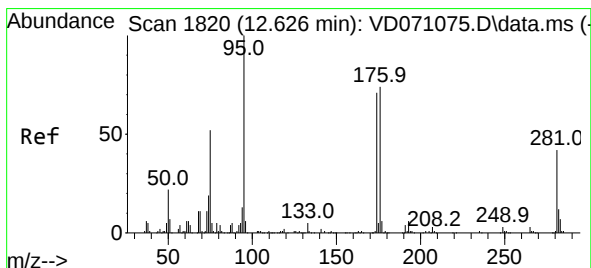
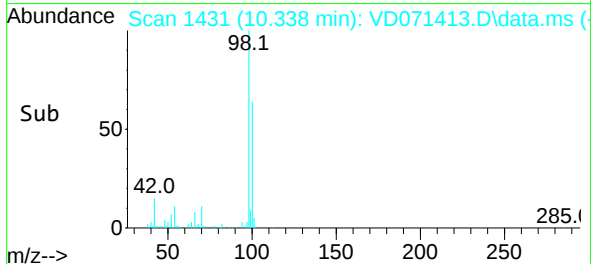
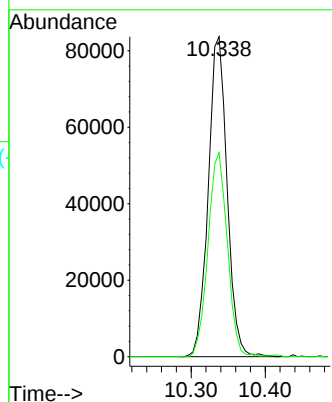
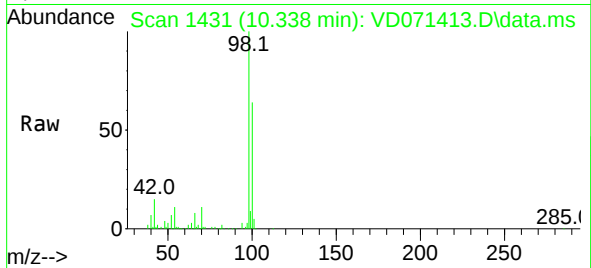




#50
Toluene-d8
Concen: 53.017 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071413.D
Acq: 21 Dec 2021 16:25

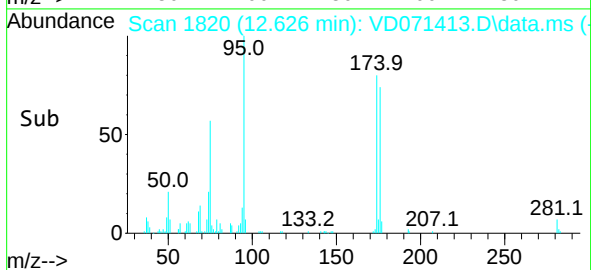
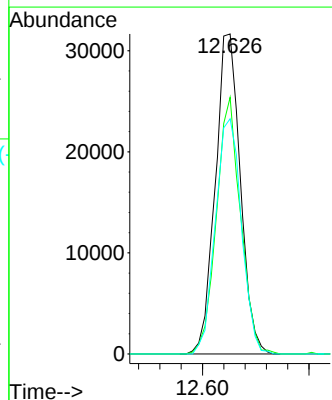
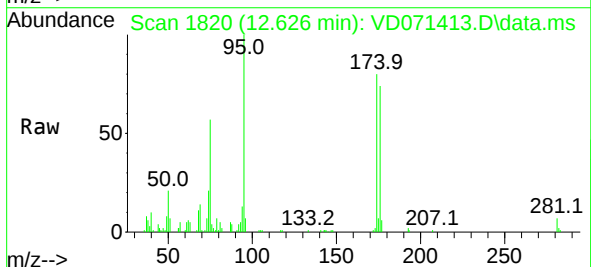
Instrument :
MSVOA_D
ClientSampleId :
SB-5

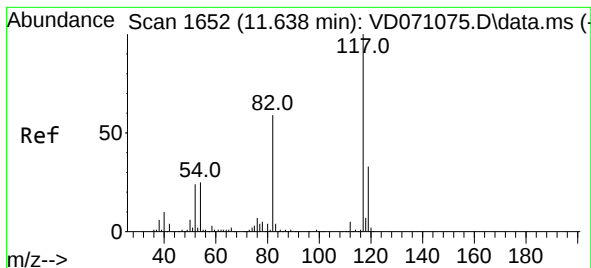
Tgt Ion: 98 Resp: 147745
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.381 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071413.D
Acq: 21 Dec 2021 16:25

Tgt Ion: 95 Resp: 51566
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 76.5 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: VD071413.D

Acq: 21 Dec 2021 16:25

Instrument :

MSVOA_D

ClientSampleId :

SB-5

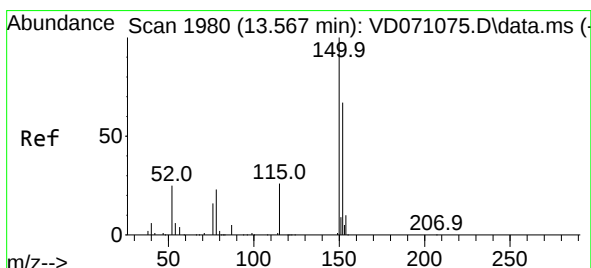
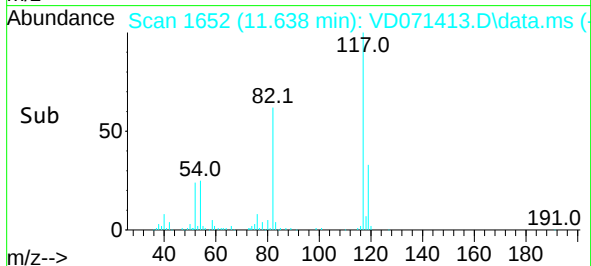
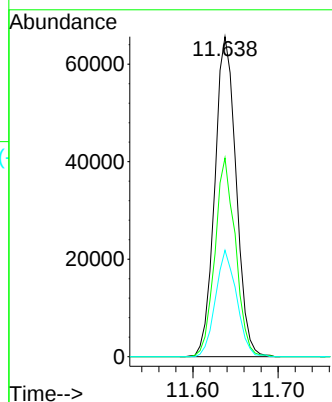
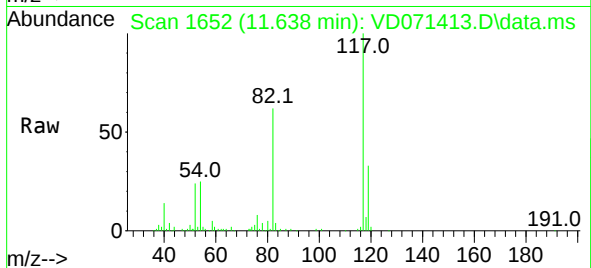
Tgt Ion:117 Resp: 114179

Ion Ratio Lower Upper

117 100

82 62.1 44.7 67.1

119 33.3 26.2 39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071413.D

Acq: 21 Dec 2021 16:25

Tgt Ion:152 Resp: 52159

Ion Ratio Lower Upper

152 100

115 64.5 29.8 89.3

150 162.5 0.0 349.2

