

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020822\
 Data File : VD071909.D
 Acq On : 08 Feb 2022 10:35
 Operator : VA/SY
 Sample : VD0208SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0208SBL01

Quant Time: Feb 09 03:48:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	358286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	632014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	258747	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	259292	57.257	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.520%
35) Dibromofluoromethane	7.914	113	225956	54.389	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.332	98	784751	50.579	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.160%
62) 4-Bromofluorobenzene	12.620	95	261637	48.289	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.580%

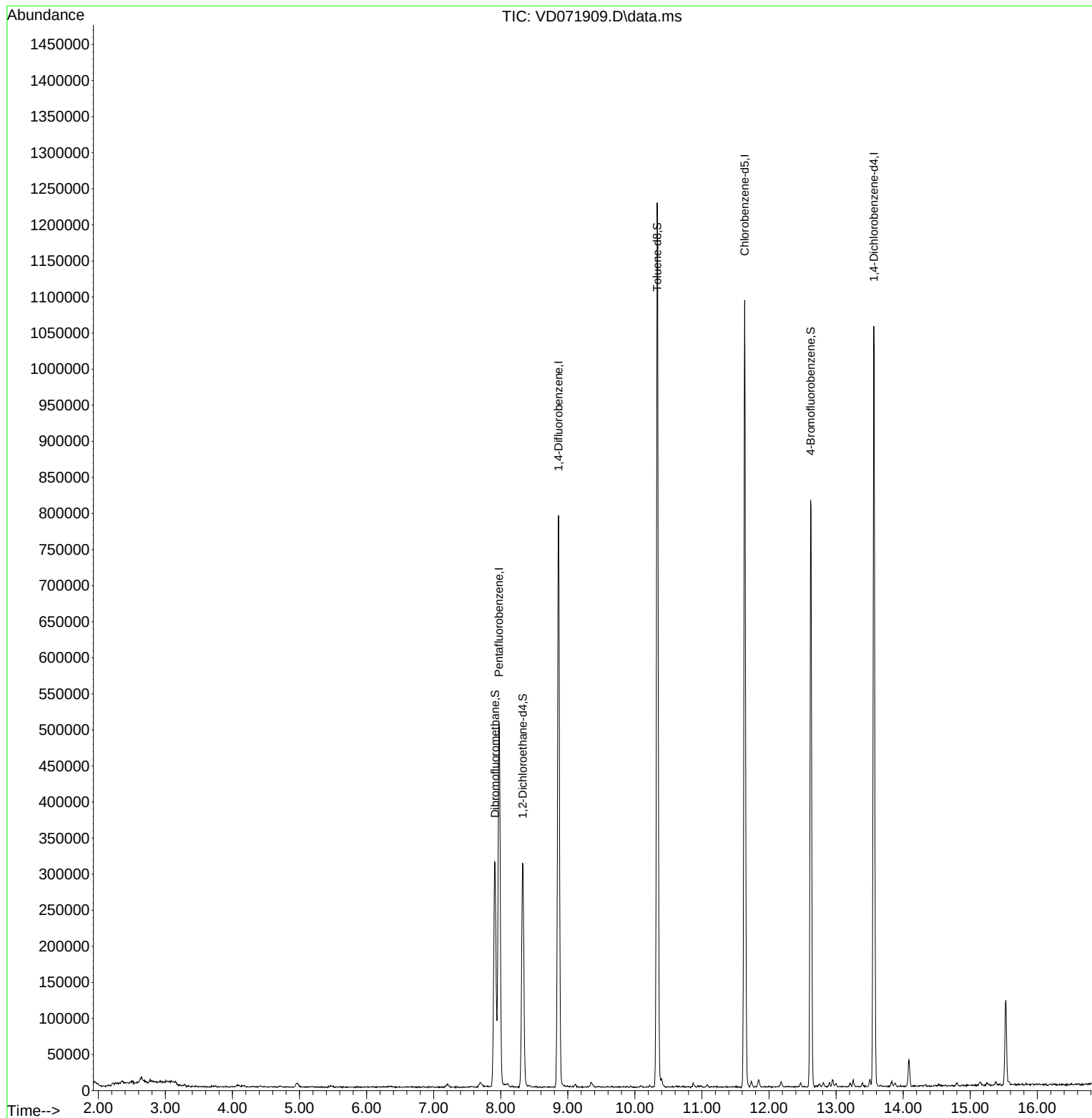
Target Compounds	Qvalue

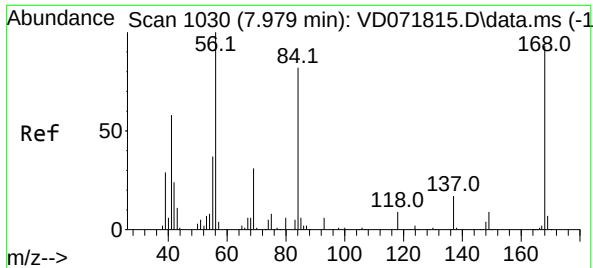
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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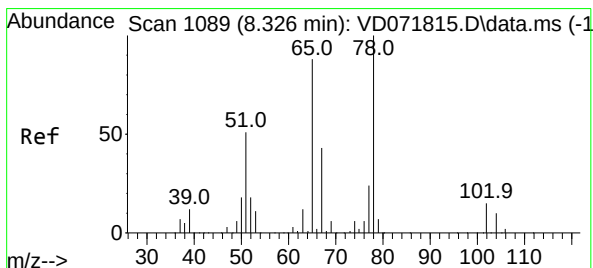
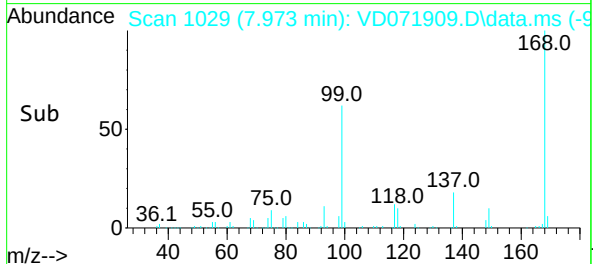
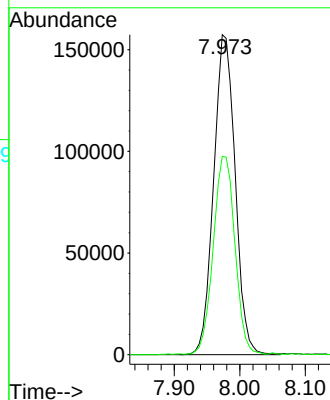
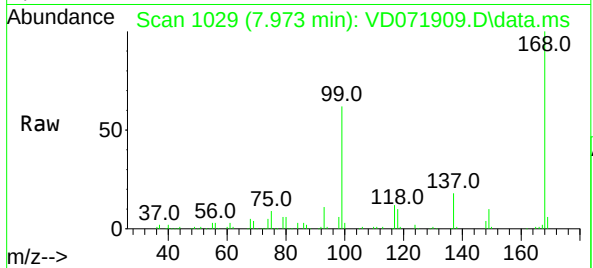




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

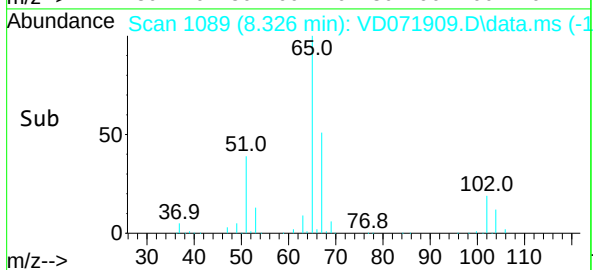
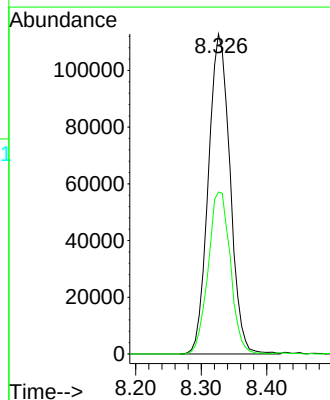
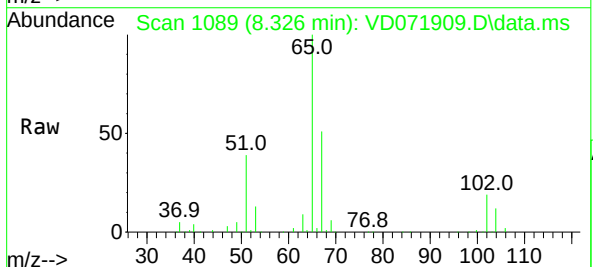
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

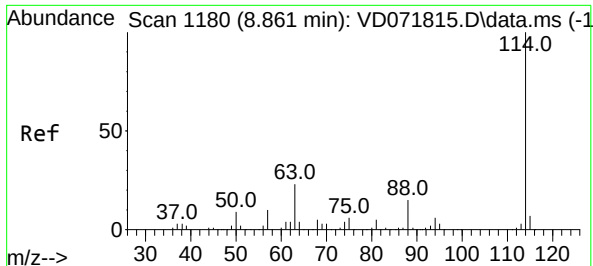
Tgt Ion:168 Resp: 358286
Ion Ratio Lower Upper
168 100
99 61.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 57.257 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

Tgt Ion: 65 Resp: 259292
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071909.D

Acq: 08 Feb 2022 10:35

Instrument :

MSVOA_D

ClientSampleId :

VD0208SBL01

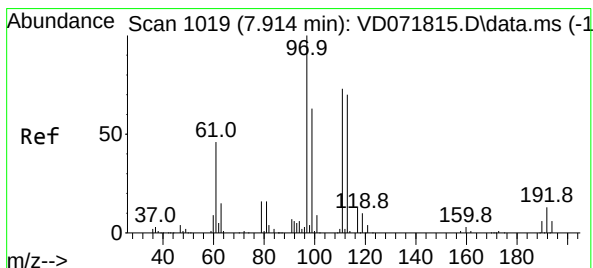
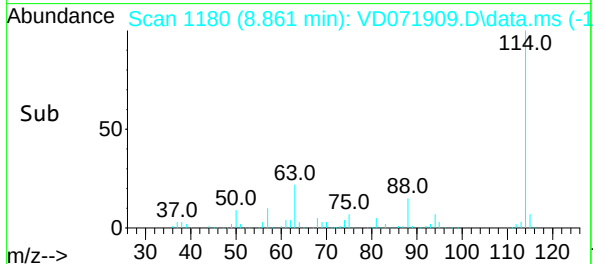
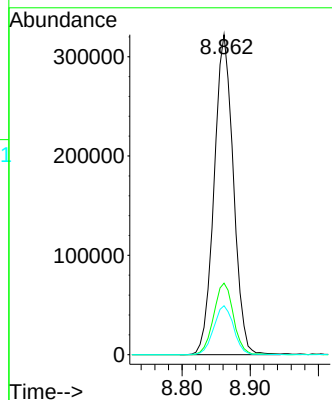
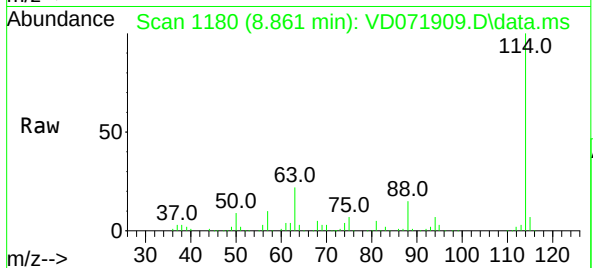
Tgt Ion:114 Resp: 632014

Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 54.389 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071909.D

Acq: 08 Feb 2022 10:35

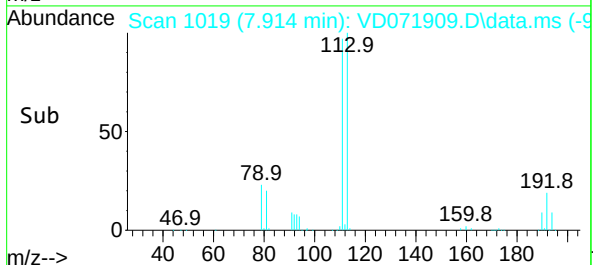
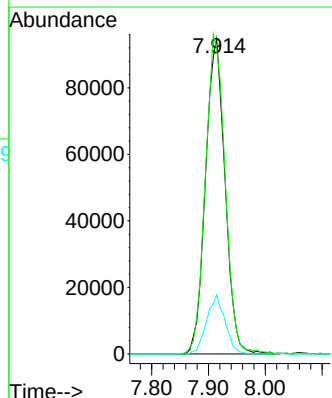
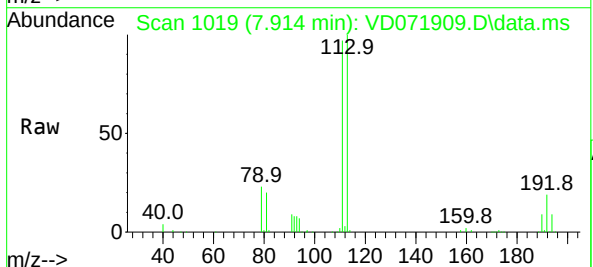
Tgt Ion:113 Resp: 225956

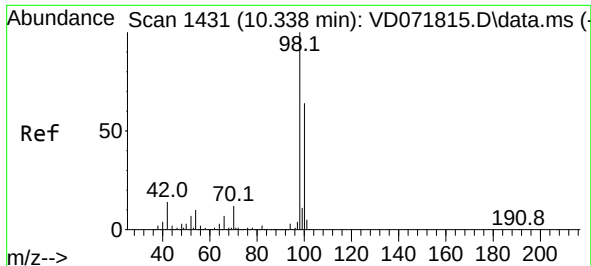
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.6 14.6 21.8

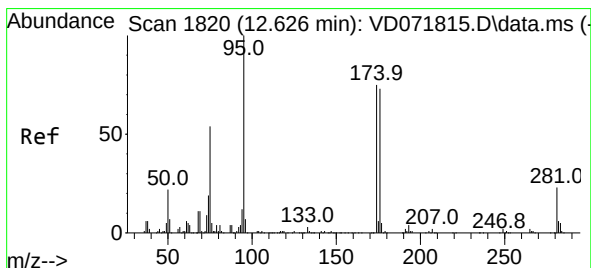
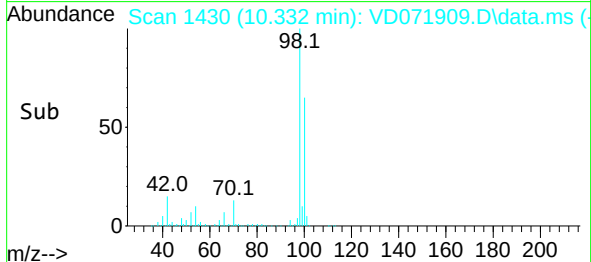
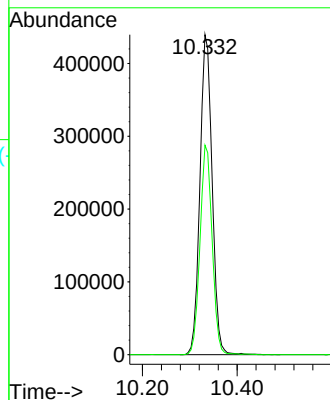
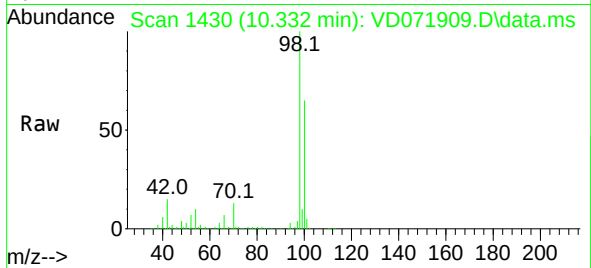




#50
Toluene-d8
Concen: 50.579 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

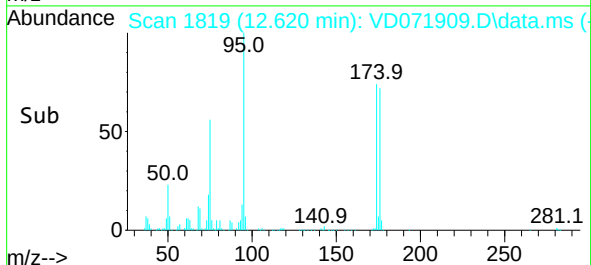
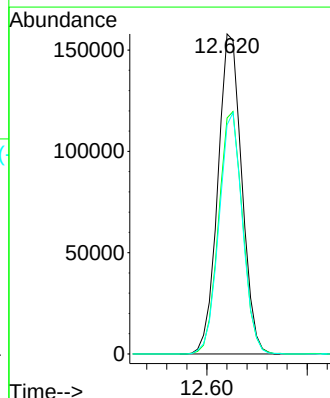
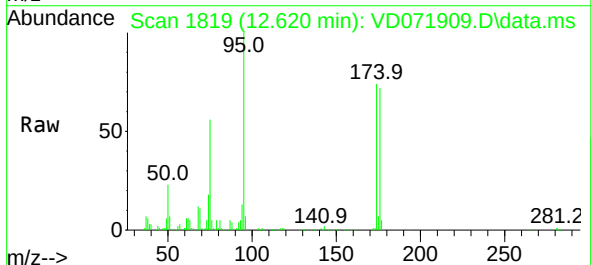
Instrument :
MSVOA_D
ClientSampleId :
VD0208SBL01

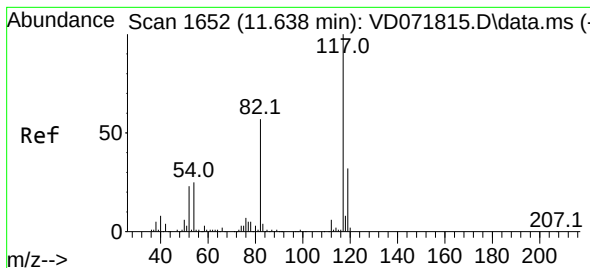
Tgt Ion: 98 Resp: 784751
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.289 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071909.D
Acq: 08 Feb 2022 10:35

Tgt Ion: 95 Resp: 261637
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 73.9 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071909.D

Acq: 08 Feb 2022 10:35

Instrument :

MSVOA_D

ClientSampleId :

VD0208SBL01

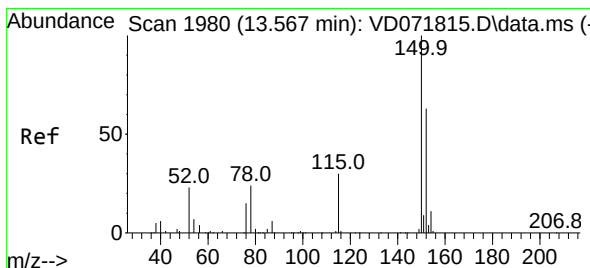
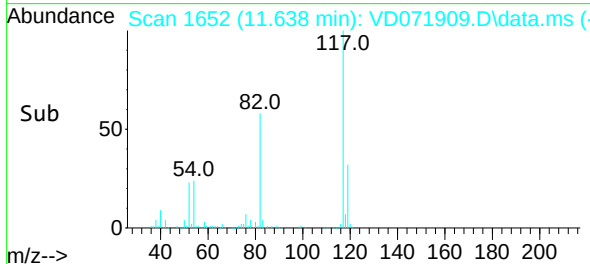
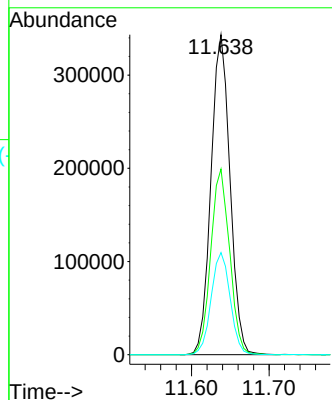
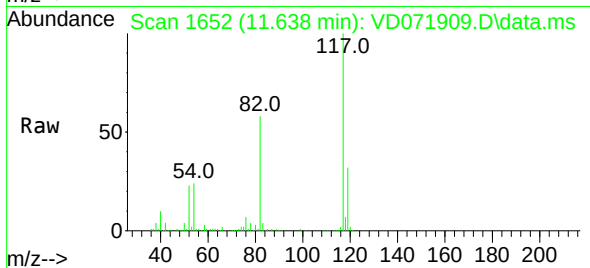
Tgt Ion:117 Resp: 585564

Ion Ratio Lower Upper

117 100

82 58.0 45.3 67.9

119 31.9 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD071909.D

Acq: 08 Feb 2022 10:35

Tgt Ion:152 Resp: 258747

Ion Ratio Lower Upper

152 100

115 61.2 31.3 93.8

150 160.3 0.0 348.6

