

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074130.D
 Acq On : 17 Aug 2022 18:04
 Operator : VA/SY
 Sample : N4188-19
 Misc : 12.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S7

Quant Time: Aug 18 03:22:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	137665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	248328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	231588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	104004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	57315	56.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.940%
35) Dibromofluoromethane	7.909	113	75394	47.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.020%
50) Toluene-d8	10.332	98	165840	34.421	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	68.840%
62) 4-Bromofluorobenzene	12.620	95	81946	41.188	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.380%

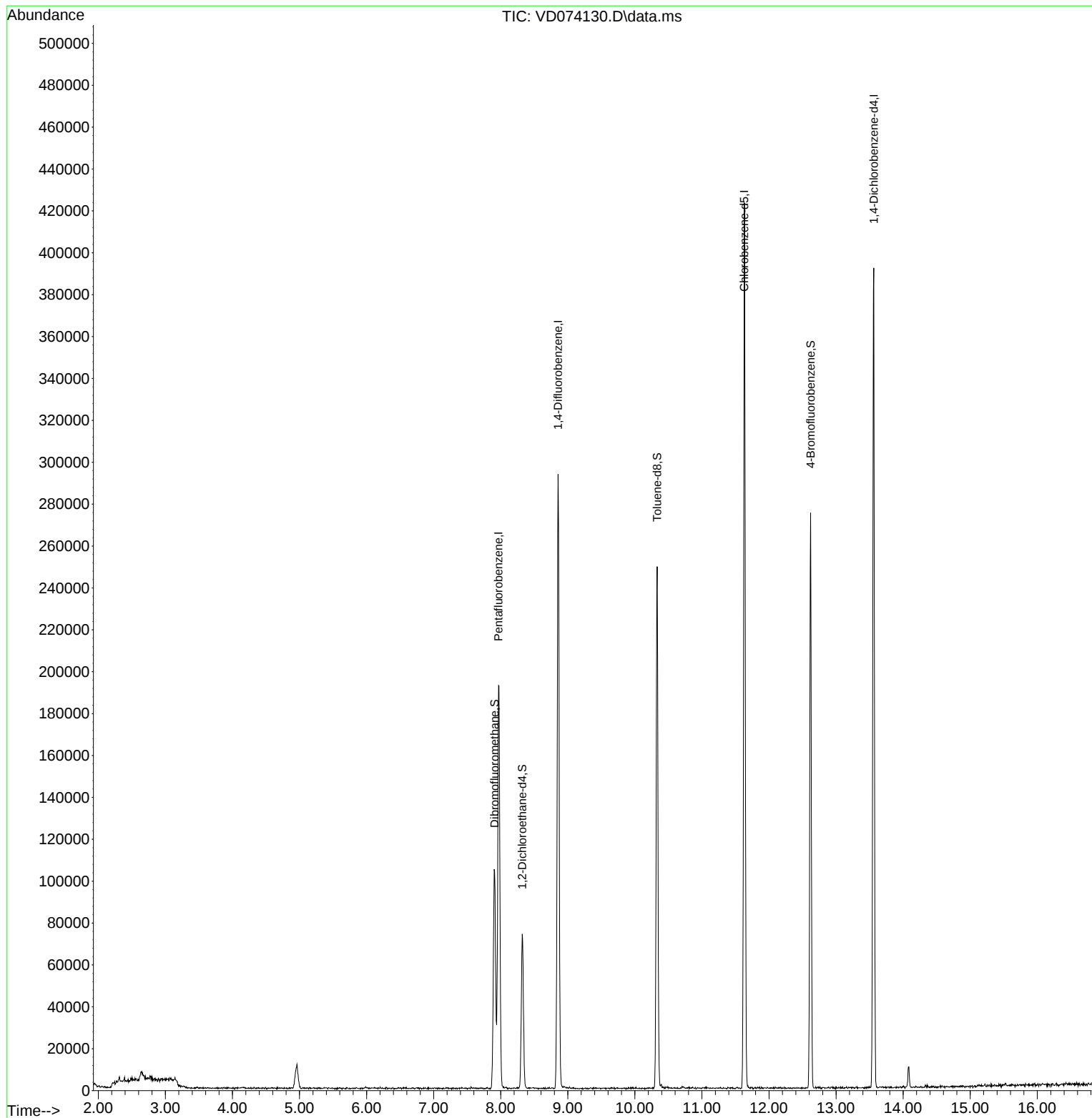
Target Compounds	Qvalue

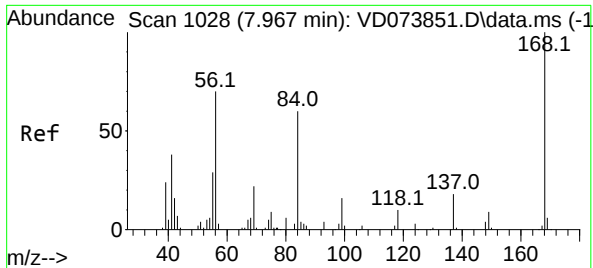
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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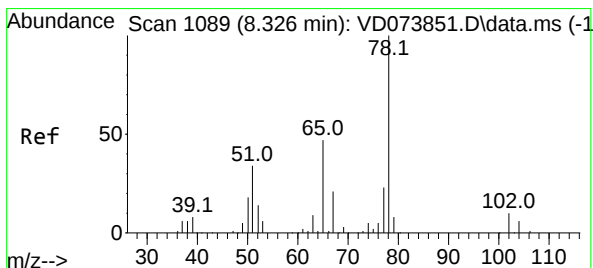
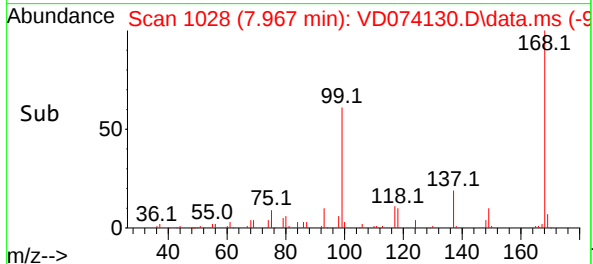
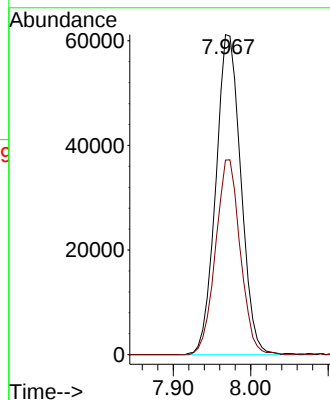
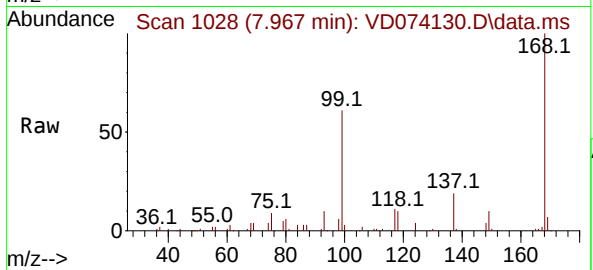




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

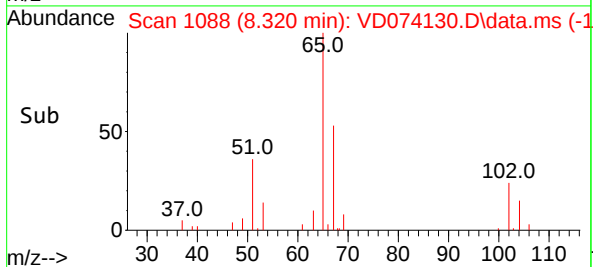
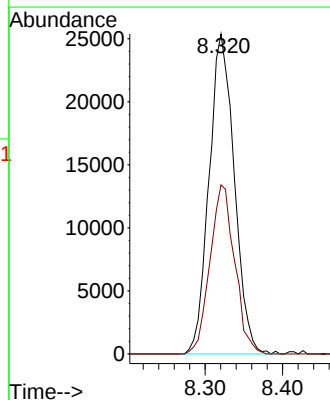
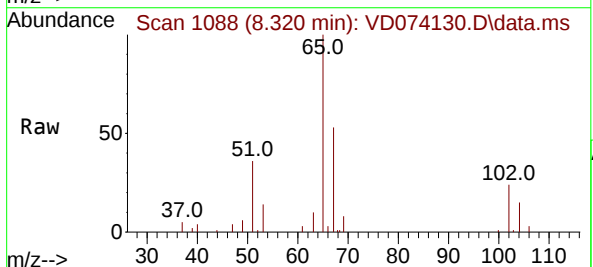
Instrument :
MSVOA_D
ClientSampleId :
S7

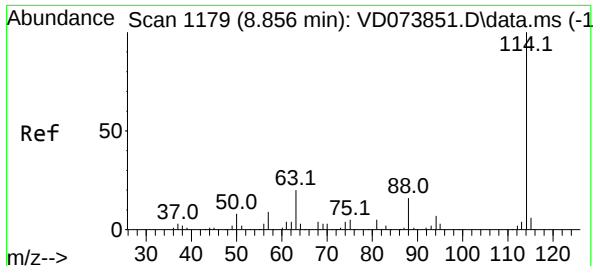
Tgt Ion:168 Resp: 137665
Ion Ratio Lower Upper
168 100
99 60.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 56.975 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Tgt Ion: 65 Resp: 57315
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074130.D

Acq: 17 Aug 2022 18:04

Instrument :

MSVOA_D

ClientSampleId :

S7

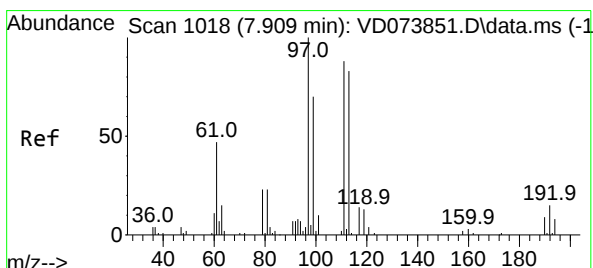
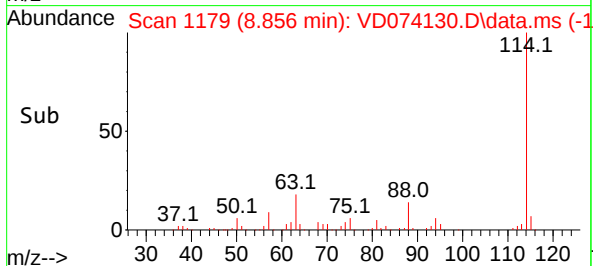
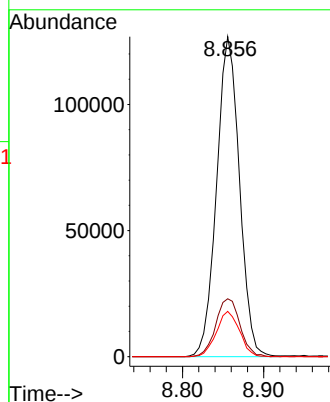
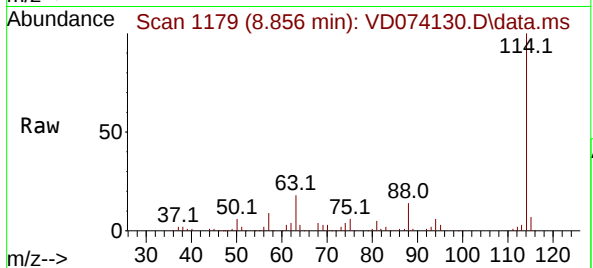
Tgt Ion:114 Resp: 248328

Ion Ratio Lower Upper

114 100

63 18.1 0.0 46.6

88 14.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.511 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD074130.D

Acq: 17 Aug 2022 18:04

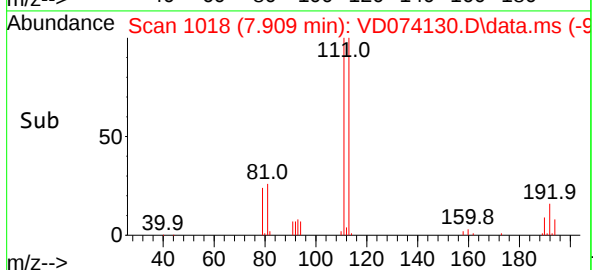
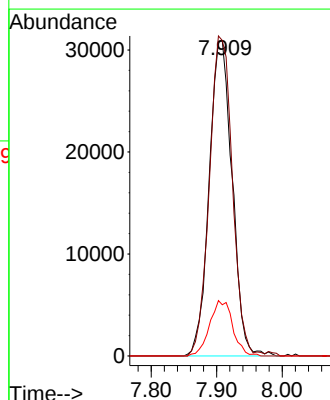
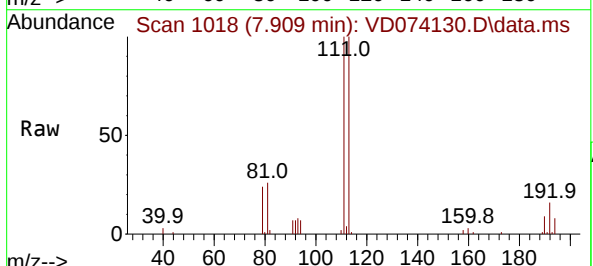
Tgt Ion:113 Resp: 75394

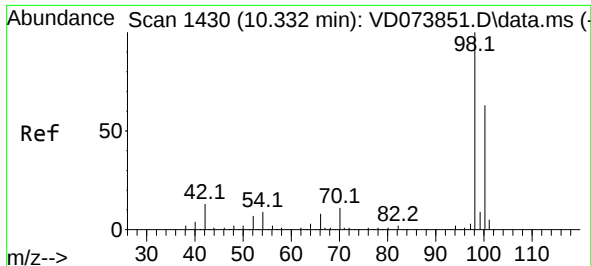
Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 17.6 14.6 21.8

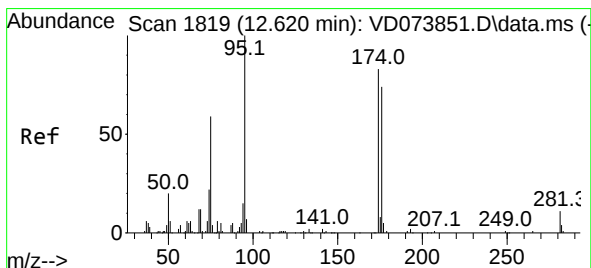
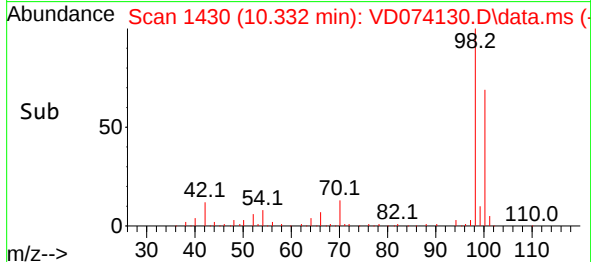
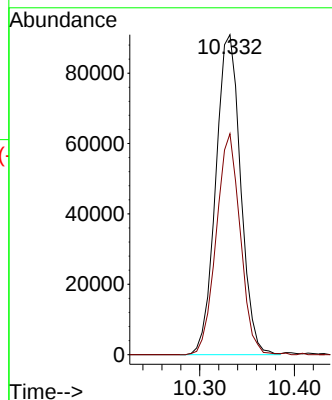
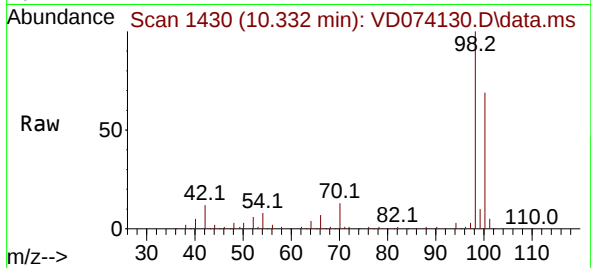




#50
Toluene-d8
Concen: 34.421 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

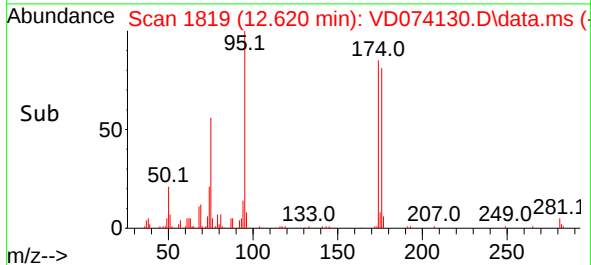
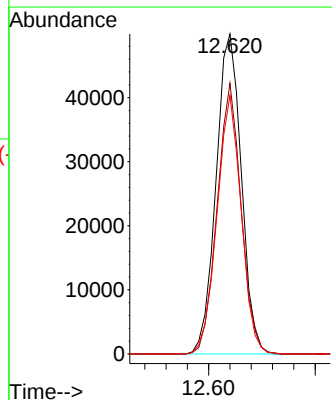
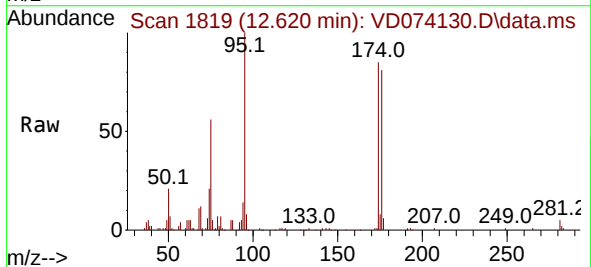
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MSVOA_D
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S7

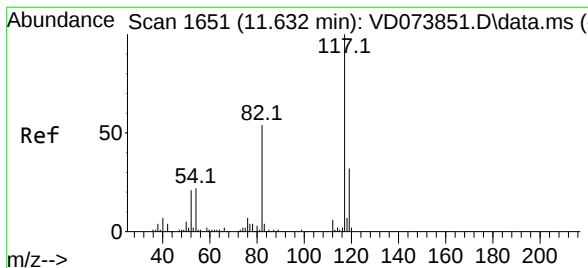
Tgt Ion: 98 Resp: 165840
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 41.188 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074130.D
Acq: 17 Aug 2022 18:04

Tgt Ion: 95 Resp: 81946
Ion Ratio Lower Upper
95 100
174 80.4 0.0 152.8
176 77.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074130.D

Acq: 17 Aug 2022 18:04

Instrument :

MSVOA_D

ClientSampleId :

S7

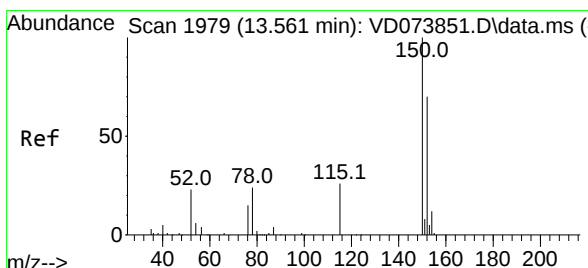
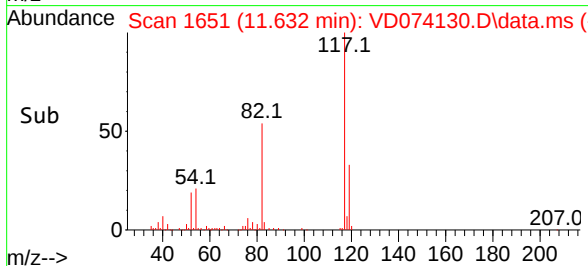
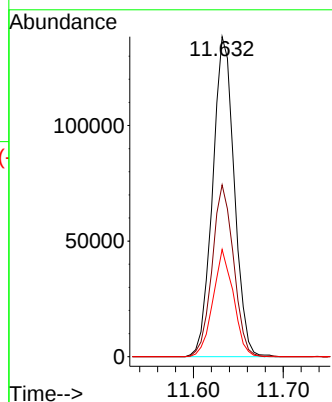
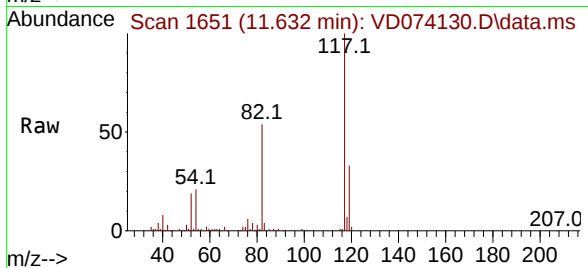
Tgt Ion:117 Resp: 231588

Ion Ratio Lower Upper

117 100

82 53.7 45.3 67.9

119 33.5 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD074130.D

Acq: 17 Aug 2022 18:04

Tgt Ion:152 Resp: 104004

Ion Ratio Lower Upper

152 100

115 58.7 31.3 93.8

150 155.2 0.0 348.6

