

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073898.D
 Acq On : 21 Jul 2022 16:01
 Operator : VA/SY
 Sample : N3814-03
 Misc : 5.51G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ENV-DE-4(10-15)

Quant Time: Jul 22 01:19:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	126195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	238214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	233302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	102873	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	82202	54.550	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.100%
35) Dibromofluoromethane	7.908	113	87711	52.192	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.380%
50) Toluene-d8	10.332	98	299125	49.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.620	95	103383	49.287	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%

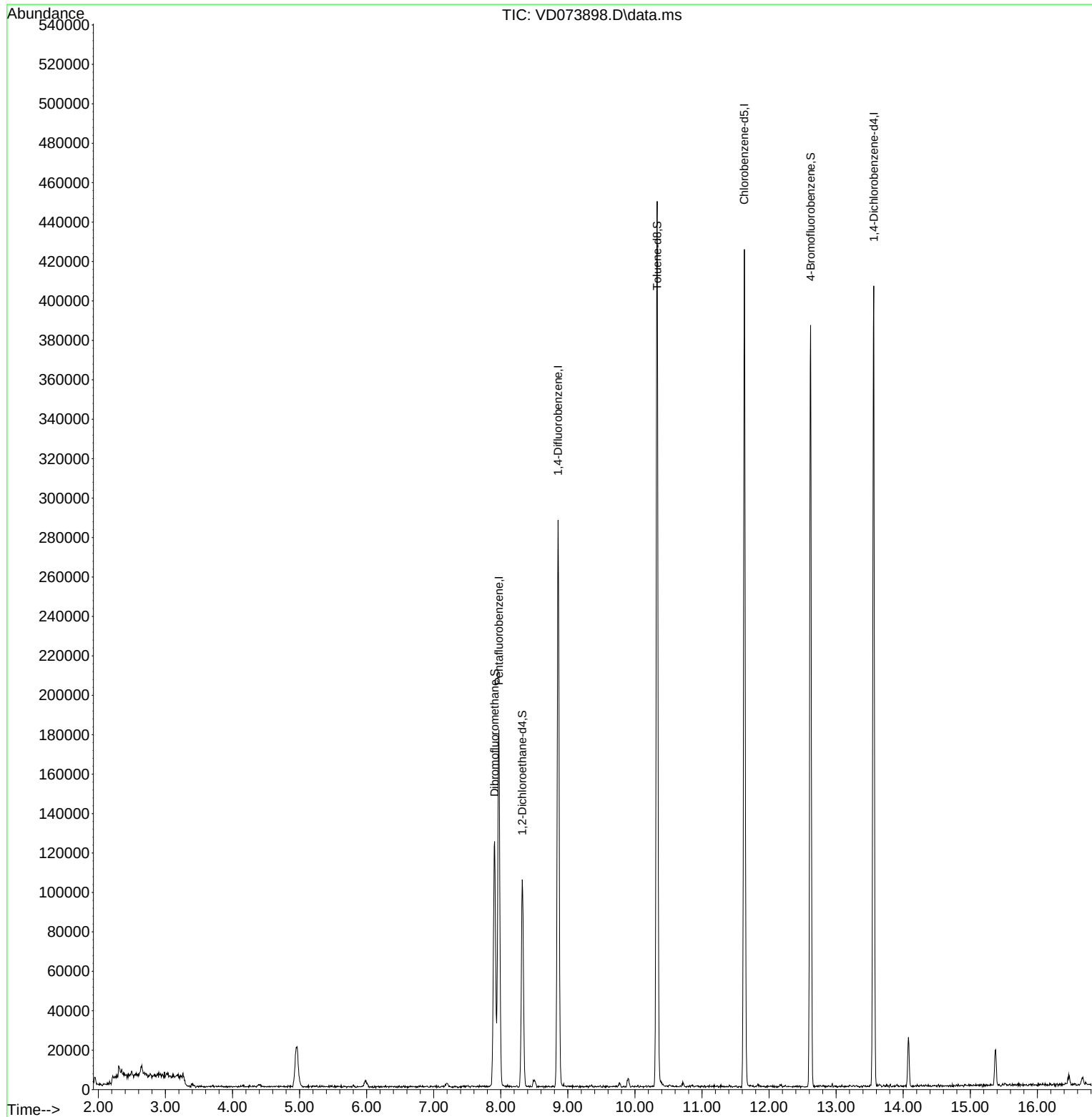
Target Compounds	Qvalue

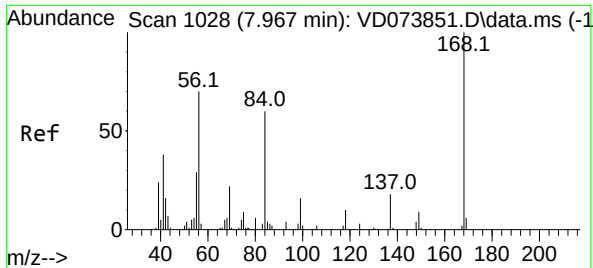
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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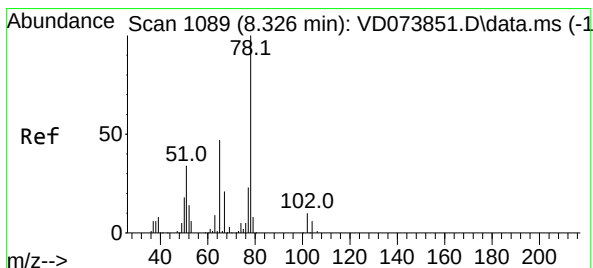
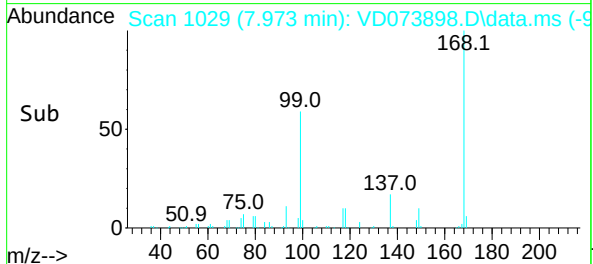
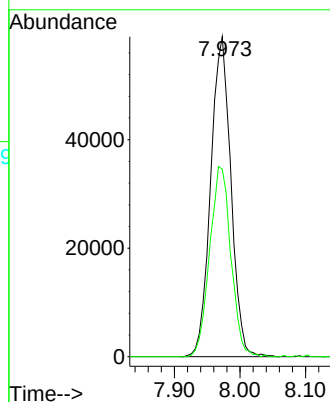
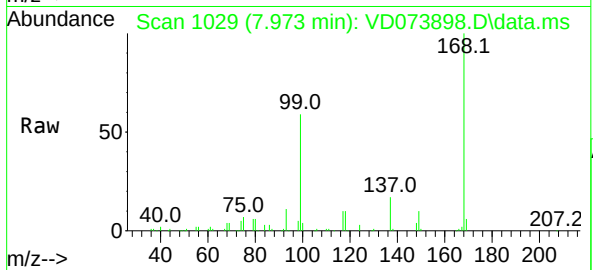




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073898.D
Acq: 21 Jul 2022 16:01

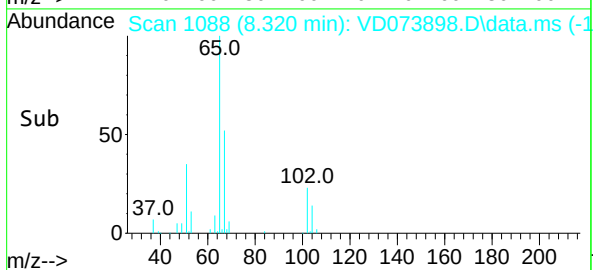
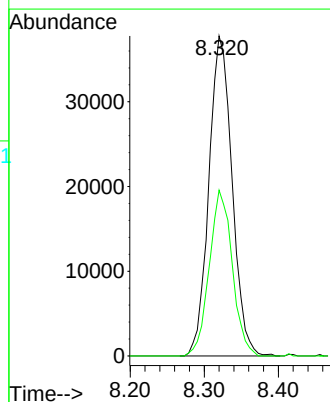
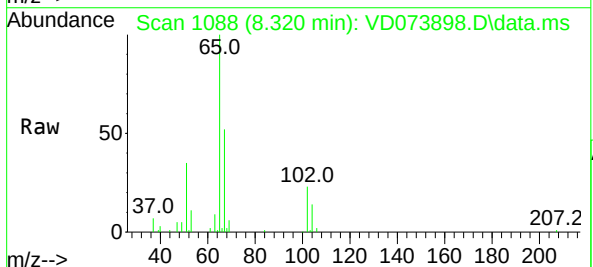
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-4(10-15)

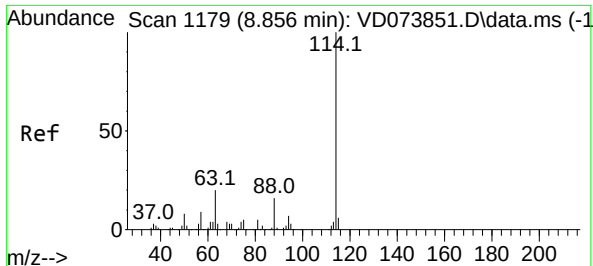
Tgt Ion:168 Resp: 126195
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 54.550 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073898.D
Acq: 21 Jul 2022 16:01

Tgt Ion: 65 Resp: 82202
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073898.D

Acq: 21 Jul 2022 16:01

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-4(10-15)

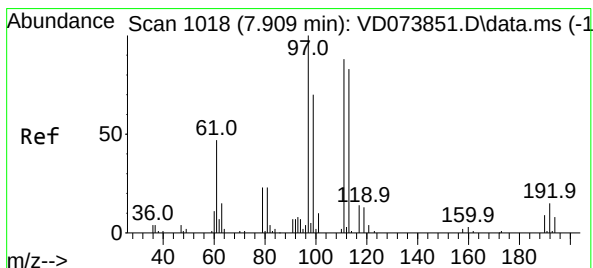
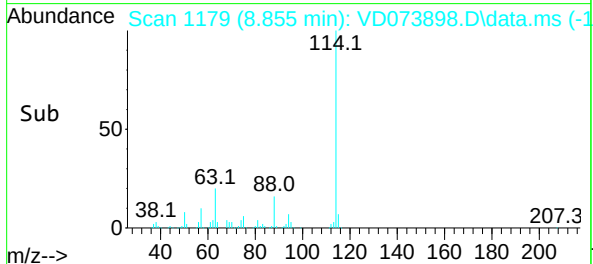
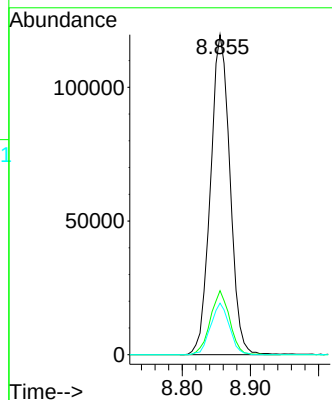
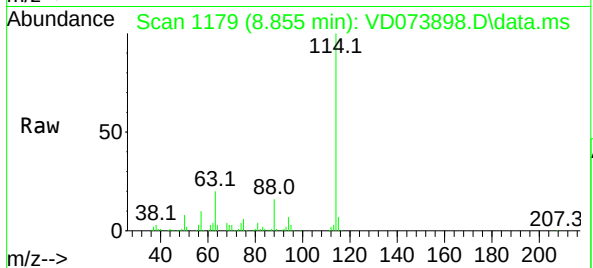
Tgt Ion:114 Resp: 238214

Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.192 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073898.D

Acq: 21 Jul 2022 16:01

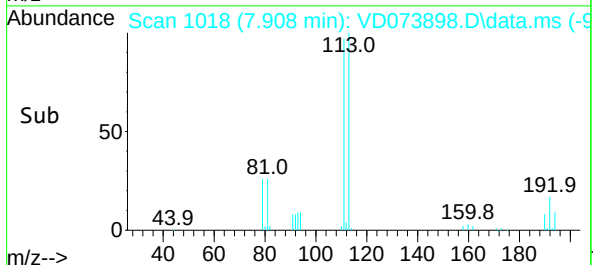
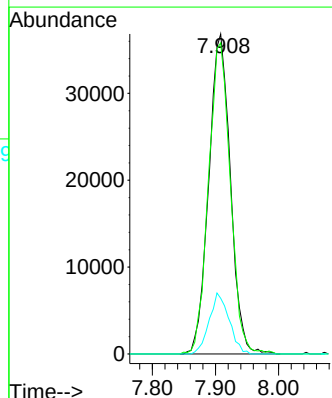
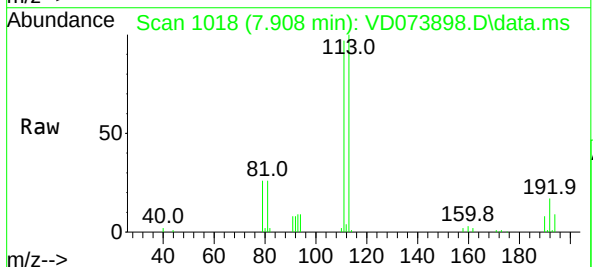
Tgt Ion:113 Resp: 87711

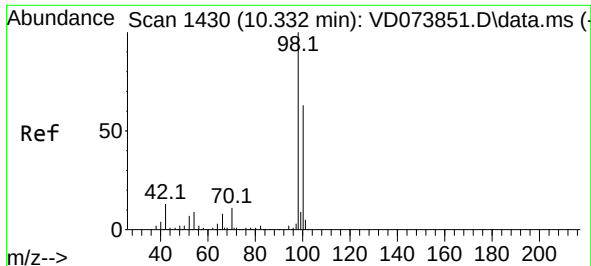
Ion Ratio Lower Upper

113 100

111 98.1 83.8 125.6

192 17.5 14.6 21.8

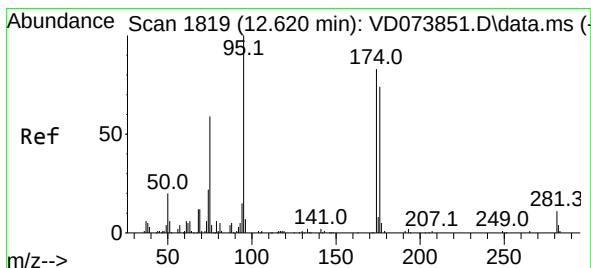
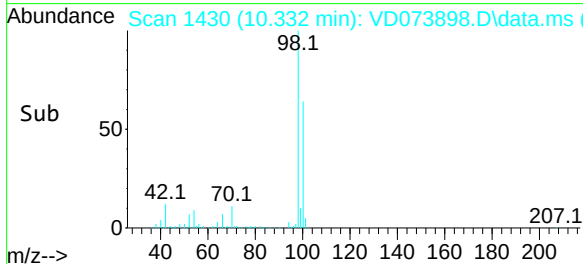
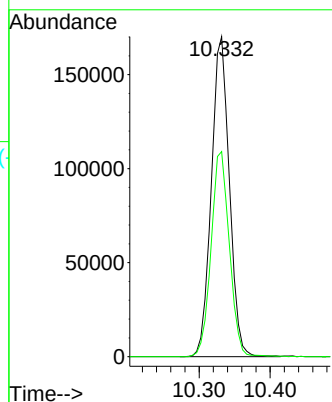
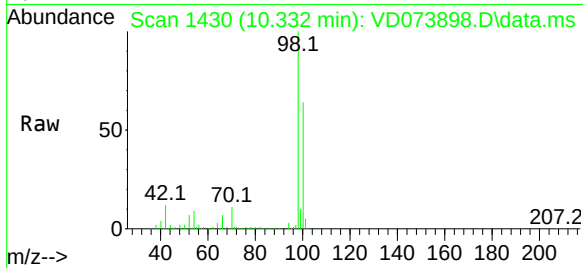




#50
Toluene-d8
Concen: 49.031 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073898.D
Acq: 21 Jul 2022 16:01

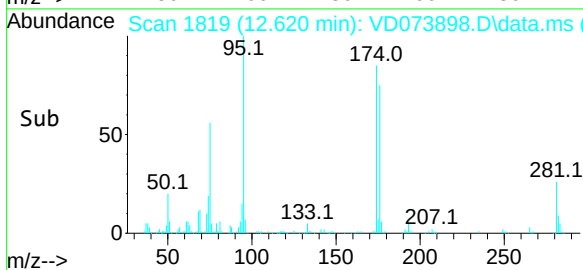
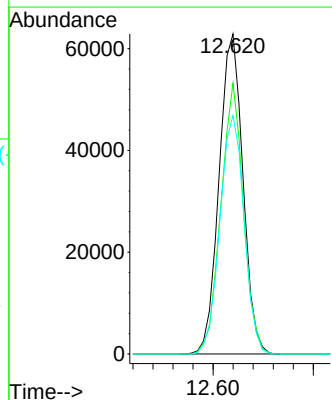
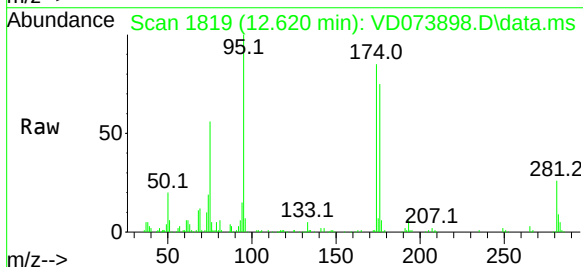
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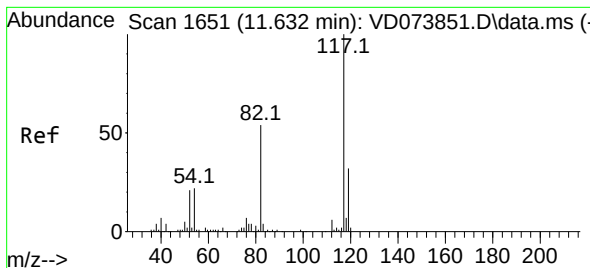
Tgt Ion: 98 Resp: 299125
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.287 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073898.D
Acq: 21 Jul 2022 16:01

Tgt Ion: 95 Resp: 103383
Ion Ratio Lower Upper
95 100
174 80.3 0.0 152.8
176 75.7 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: VD073898.D

Acq: 21 Jul 2022 16:01

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-4(10-15)

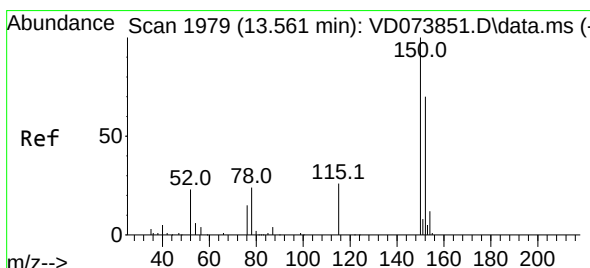
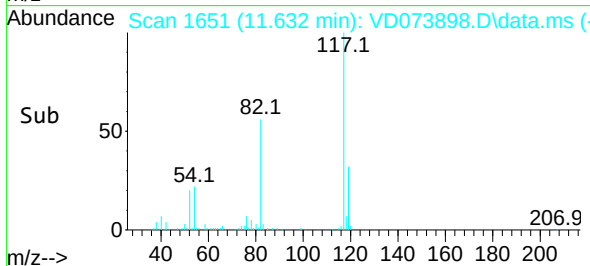
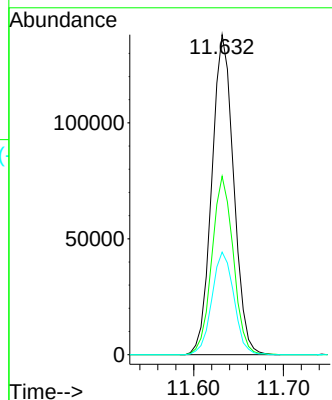
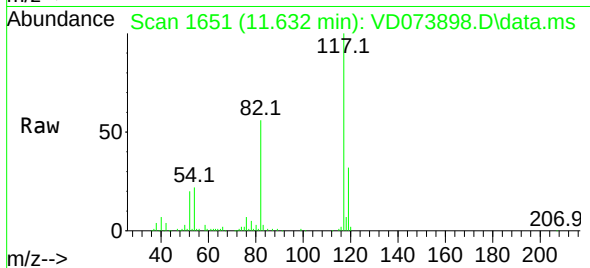
Tgt Ion:117 Resp: 233302

Ion Ratio Lower Upper

117 100

82 55.8 45.3 67.9

119 32.1 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: VD073898.D

Acq: 21 Jul 2022 16:01

Tgt Ion:152 Resp: 102873

Ion Ratio Lower Upper

152 100

115 59.3 31.3 93.8

150 158.6 0.0 348.6

