

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073924.D
 Acq On : 02 Aug 2022 13:58
 Operator : VA/SY
 Sample : N3989-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-04-080122

Quant Time: Aug 03 04:12:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	48135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	98635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	103732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	50954	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	43389	115.614	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	231.220%#
35) Dibromofluoromethane	7.909	113	39568	64.565	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.140%
50) Toluene-d8	10.326	98	125572	60.830	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.660%
62) 4-Bromofluorobenzene	12.620	95	47482	62.547	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.100%

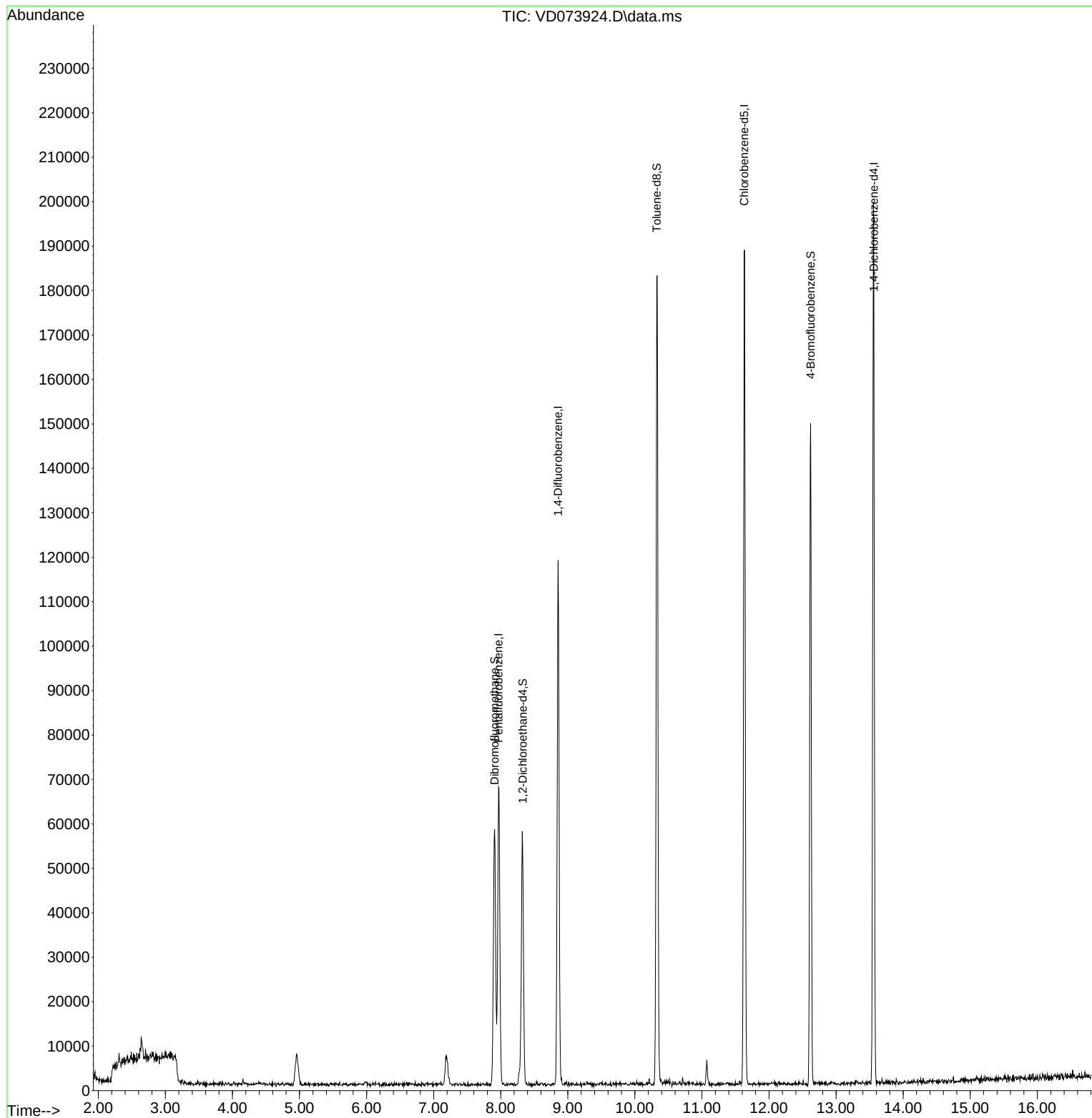
Target Compounds	Qvalue

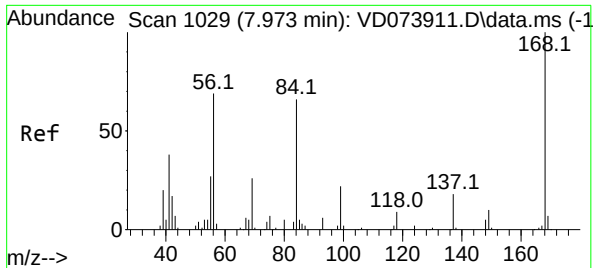
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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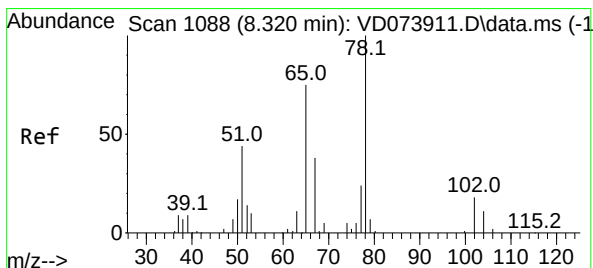
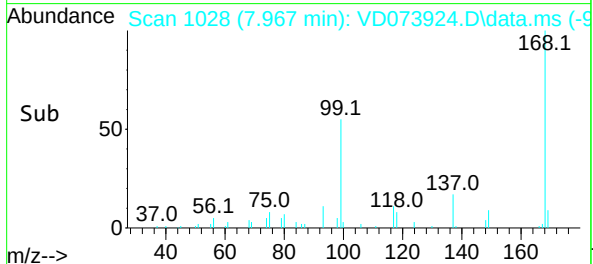
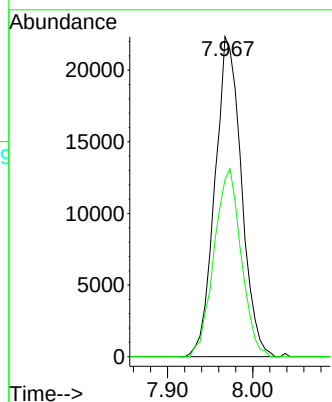
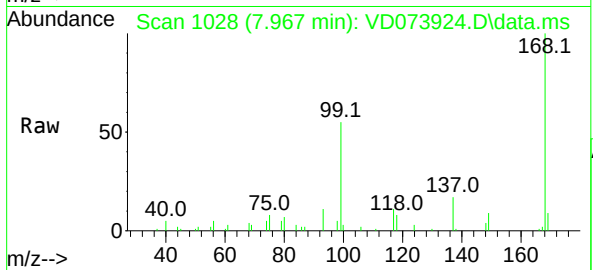




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073924.D
Acq: 02 Aug 2022 13:58

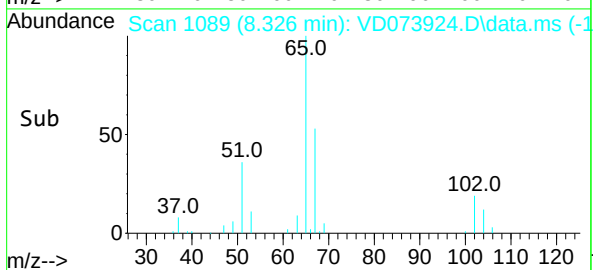
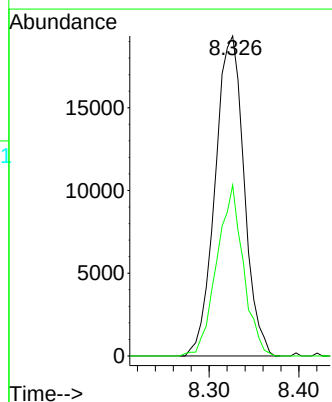
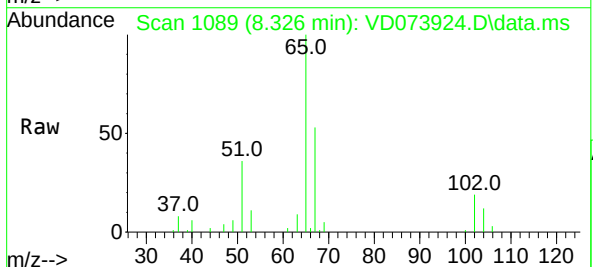
Instrument :
MSVOA_D
ClientSampleId :
OK-04-080122

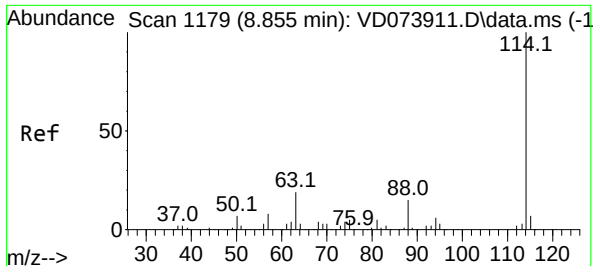
Tgt Ion:168 Resp: 48135
Ion Ratio Lower Upper
168 100
99 55.3 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 115.614 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073924.D
Acq: 02 Aug 2022 13:58

Tgt Ion: 65 Resp: 43389
Ion Ratio Lower Upper
65 100
67 48.8 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073924.D

Acq: 02 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

OK-04-080122

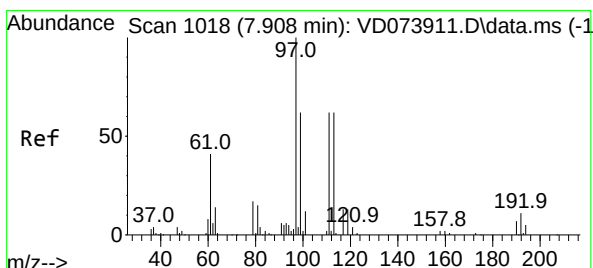
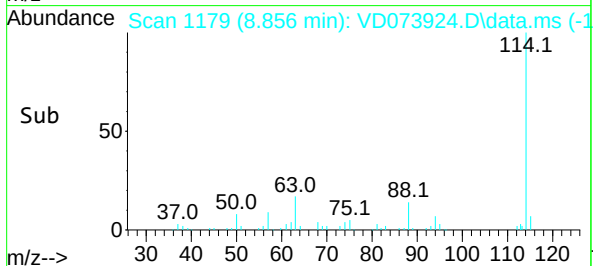
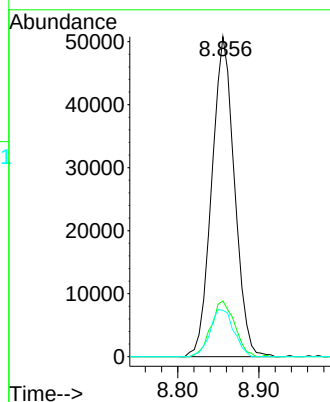
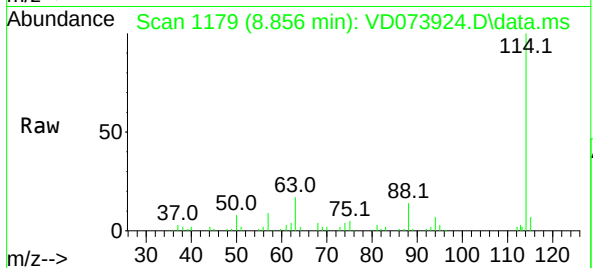
Tgt Ion:114 Resp: 98635

Ion Ratio Lower Upper

114 100

63 17.4 0.0 37.6

88 14.5 0.0 30.2



#35

Dibromofluoromethane

Concen: 64.565 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073924.D

Acq: 02 Aug 2022 13:58

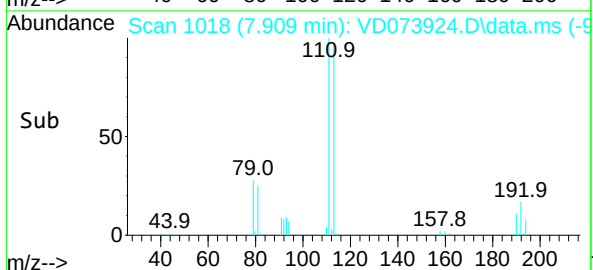
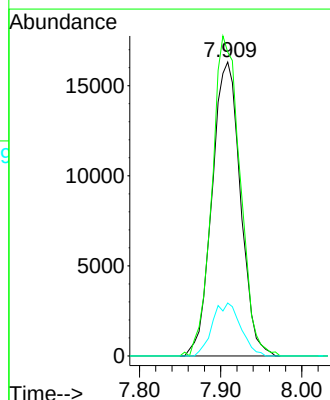
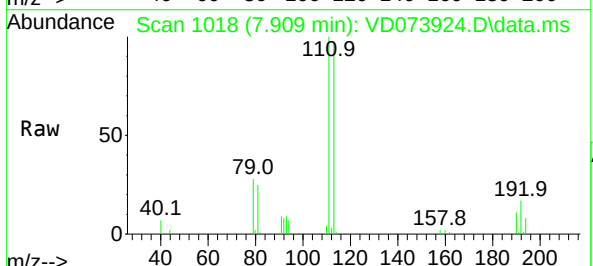
Tgt Ion:113 Resp: 39568

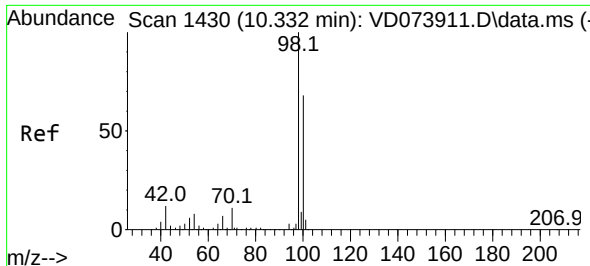
Ion Ratio Lower Upper

113 100

111 107.7 83.7 125.5

192 18.0 15.0 22.6

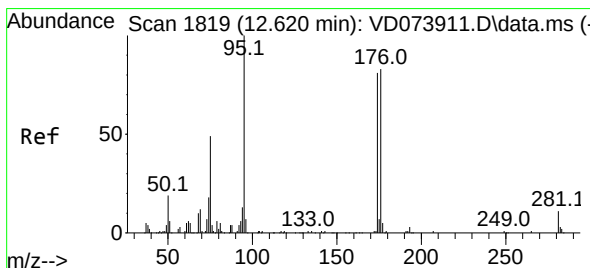
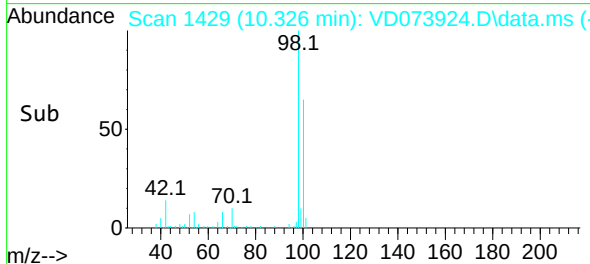
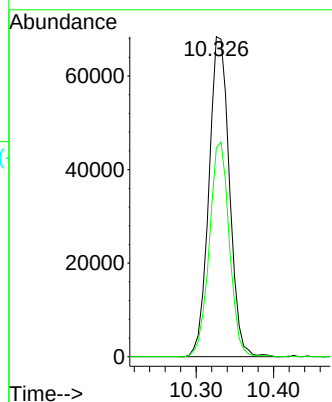
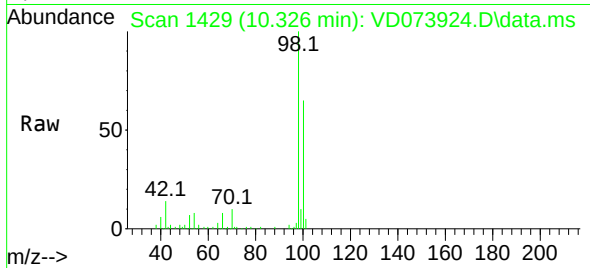




#50
Toluene-d8
Concen: 60.830 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073924.D
Acq: 02 Aug 2022 13:58

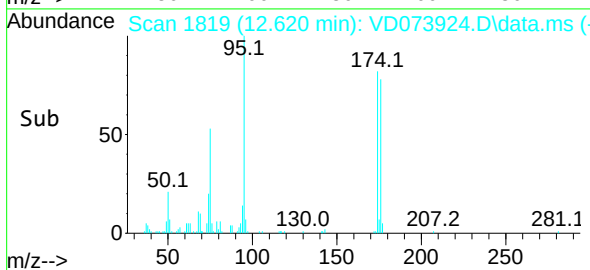
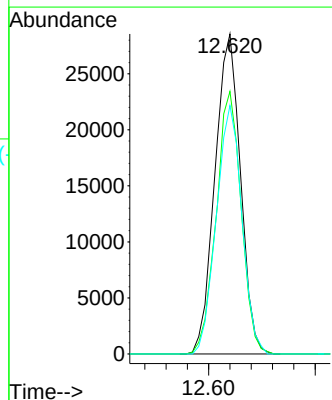
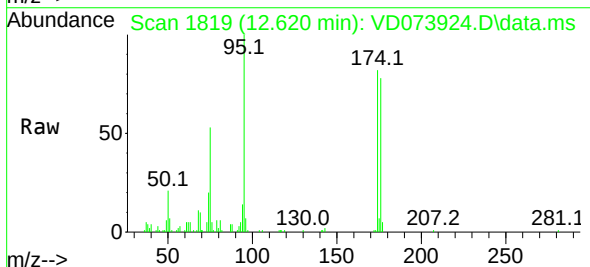
Instrument :
MSVOA_D
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OK-04-080122

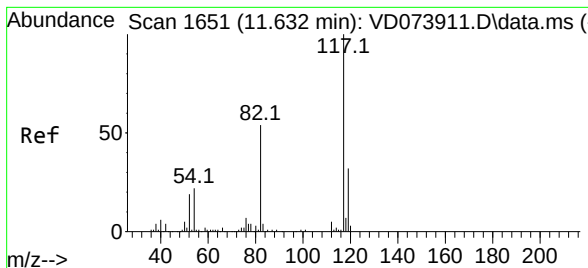
Tgt Ion: 98 Resp: 125572
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 62.547 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073924.D
Acq: 02 Aug 2022 13:58

Tgt Ion: 95 Resp: 47482
Ion Ratio Lower Upper
95 100
174 80.2 0.0 164.2
176 77.3 0.0 161.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073924.D

Acq: 02 Aug 2022 13:58

Instrument :

MSVOA_D

ClientSampleId :

OK-04-080122

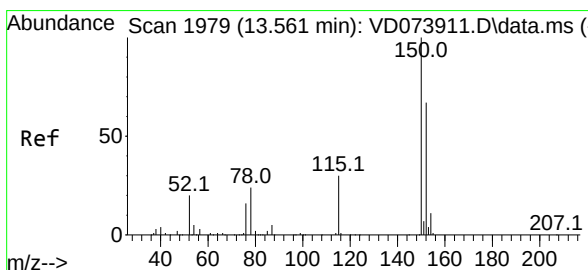
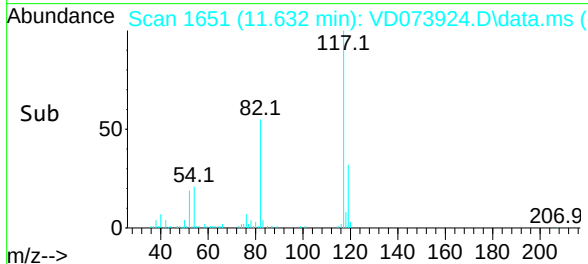
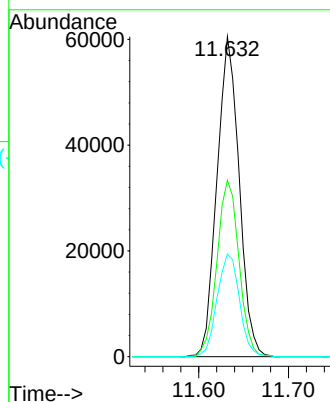
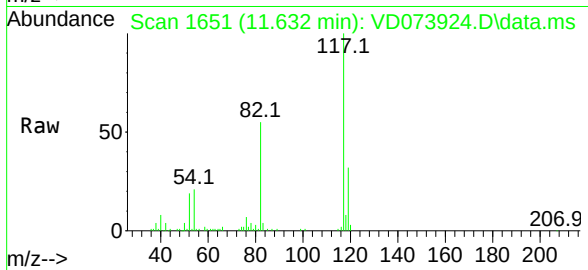
Tgt Ion:117 Resp: 103732

Ion Ratio Lower Upper

117 100

82 55.1 43.3 64.9

119 32.1 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073924.D

Acq: 02 Aug 2022 13:58

Tgt Ion:152 Resp: 50954

Ion Ratio Lower Upper

152 100

115 60.9 29.1 87.3

150 158.9 0.0 338.2

