

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073900.D
 Acq On : 21 Jul 2022 17:03
 Operator : VA/SY
 Sample : N3814-05
 Misc : 5.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ENV-DE-3(5-10)

Quant Time: Jul 22 01:19:57 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	7.967	168	123900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	236441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	227069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	100280	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	79702	53.871	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.740%
35) Dibromofluoromethane	7.903	113	80991	48.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.100%
50) Toluene-d8	10.332	98	291969	48.217	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.620	95	98824	47.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.940%

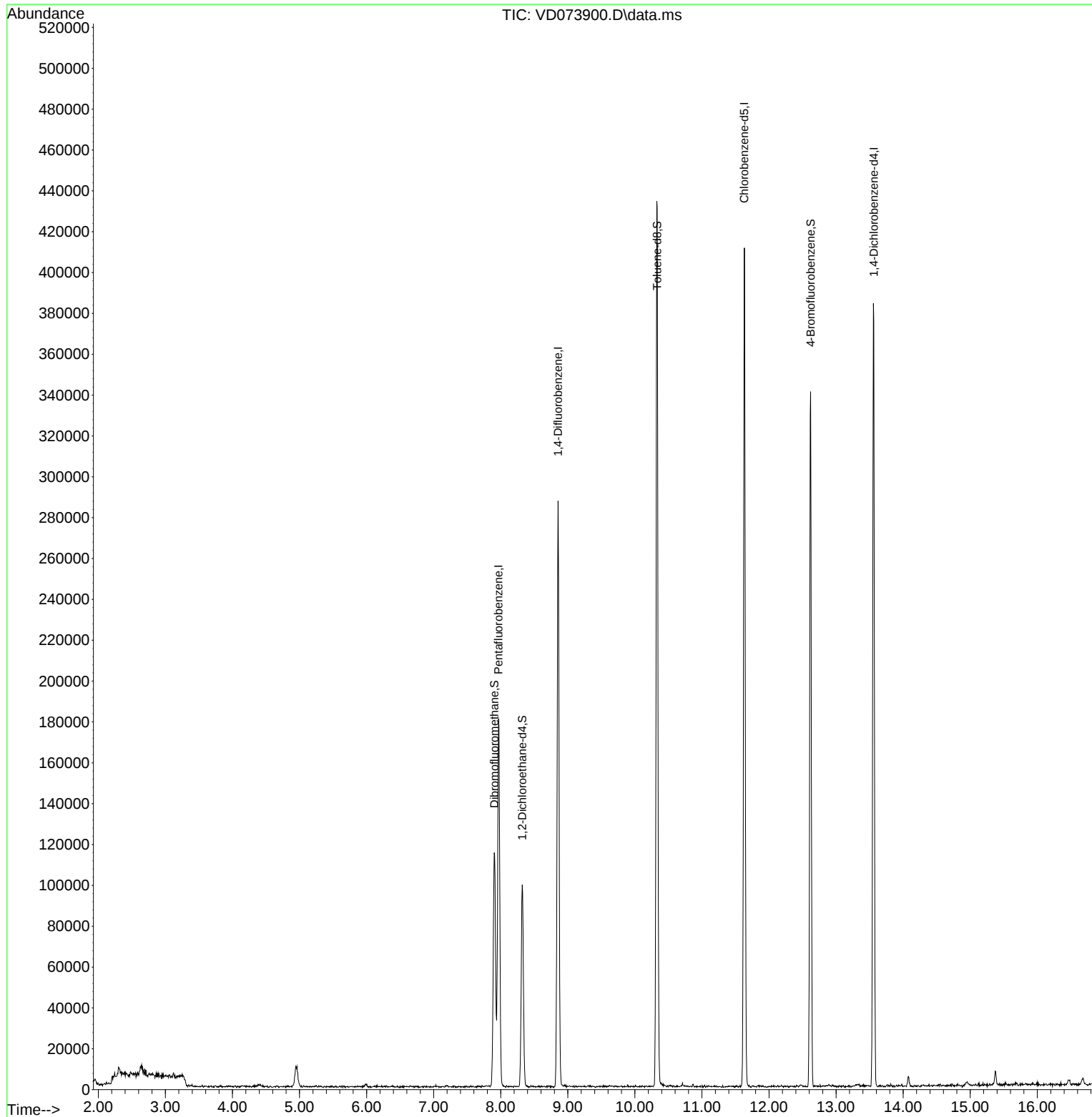
Target Compounds	Qvalue

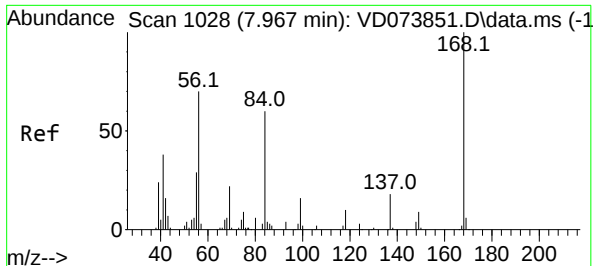
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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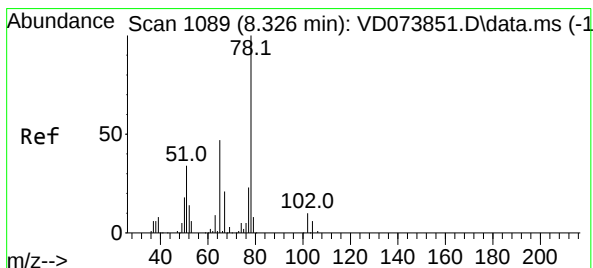
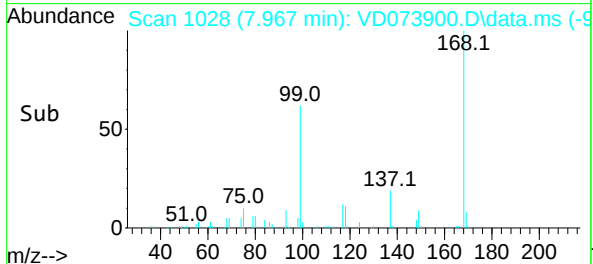
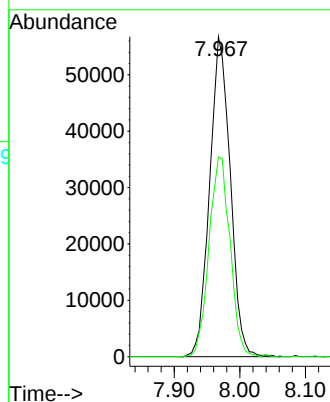
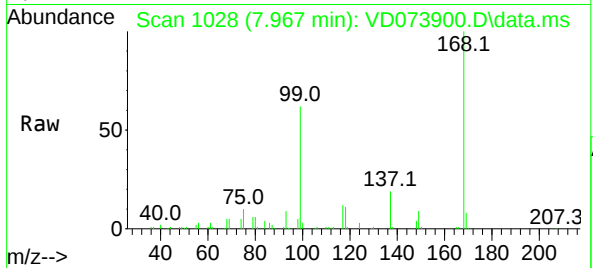




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073900.D
Acq: 21 Jul 2022 17:03

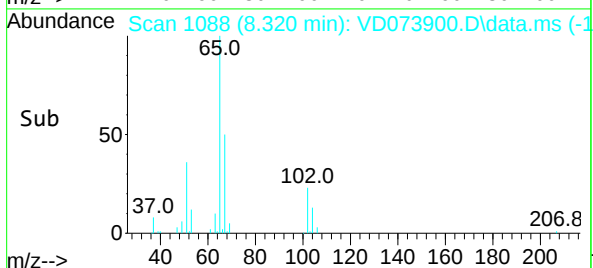
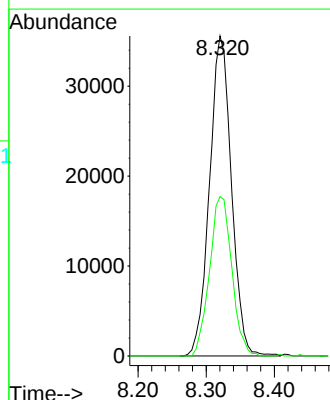
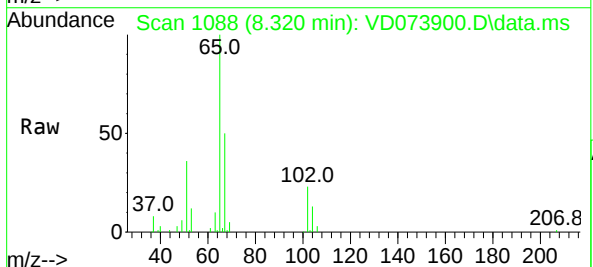
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(5-10)

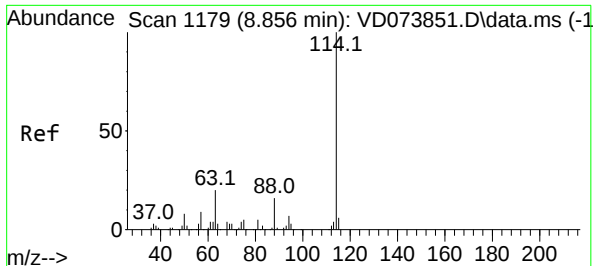
Tgt Ion:168 Resp: 123900
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.871 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073900.D
Acq: 21 Jul 2022 17:03

Tgt Ion: 65 Resp: 79702
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.4

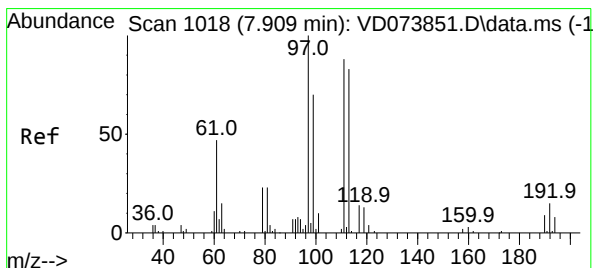
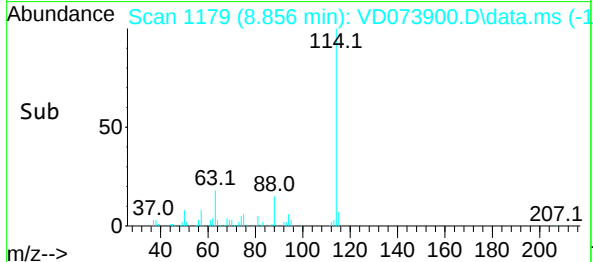
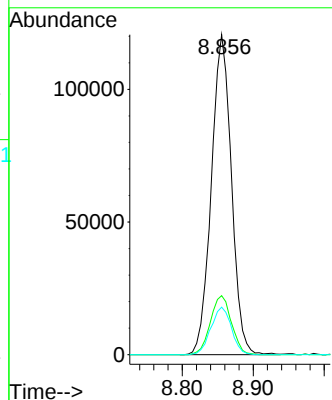
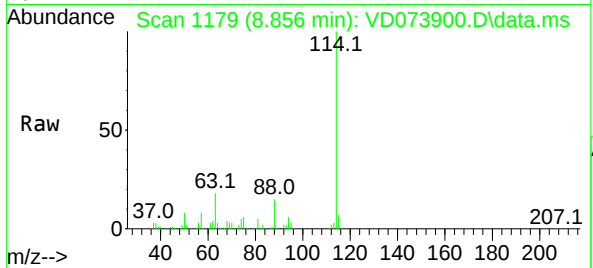




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073900.D
Acq: 21 Jul 2022 17:03

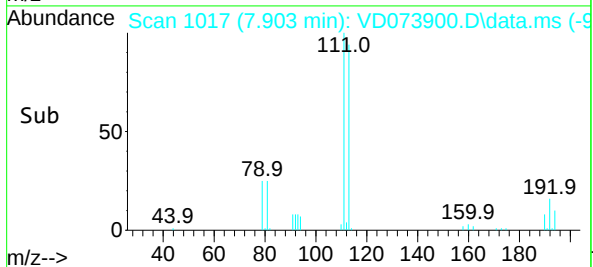
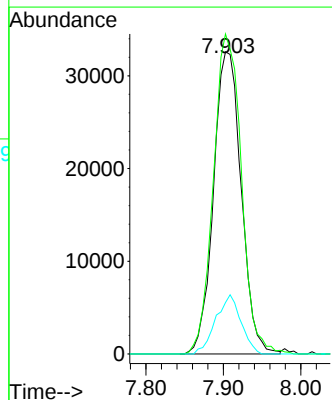
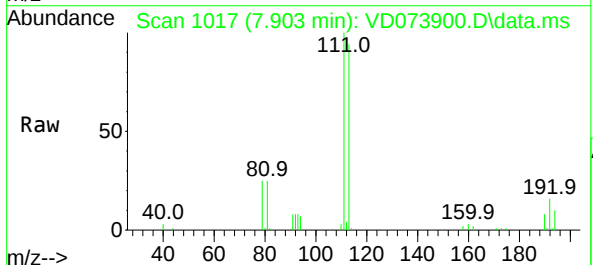
Instrument :
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ClientSampleId :
ENV-DE-3(5-10)

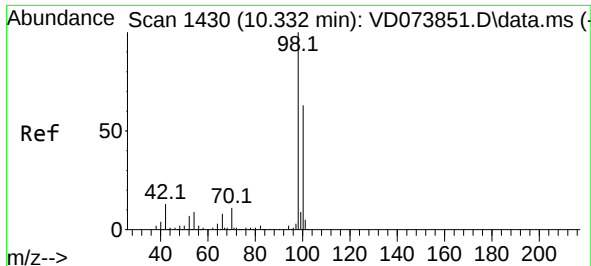
Tgt Ion:114 Resp: 236441
Ion Ratio Lower Upper
114 100
63 18.4 0.0 46.6
88 14.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.554 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073900.D
Acq: 21 Jul 2022 17:03

Tgt Ion:113 Resp: 80991
Ion Ratio Lower Upper
113 100
111 107.1 83.8 125.6
192 17.8 14.6 21.8

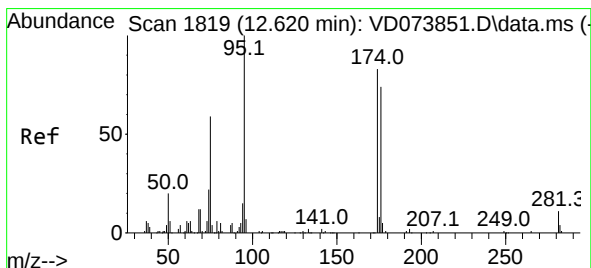
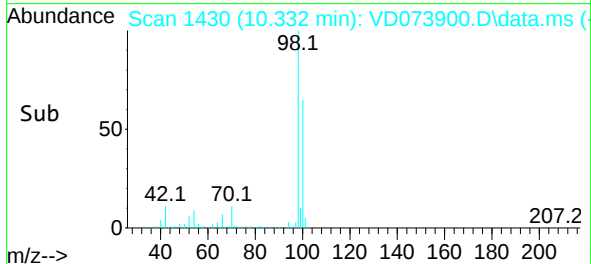
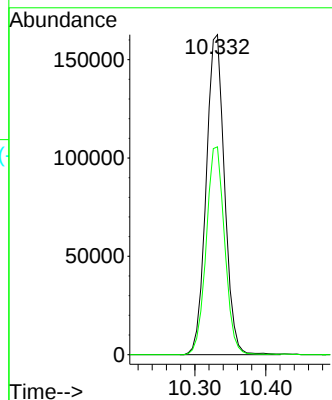
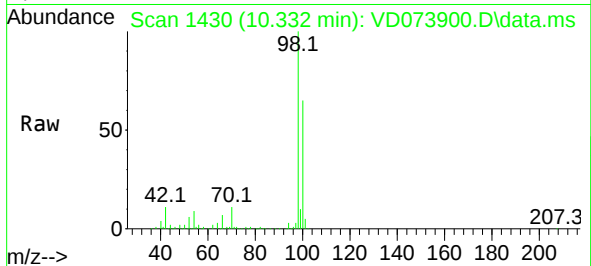




#50
Toluene-d8
Concen: 48.217 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073900.D
Acq: 21 Jul 2022 17:03

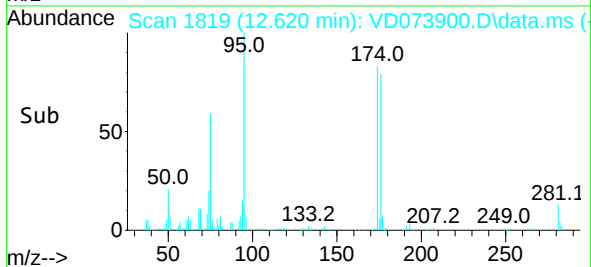
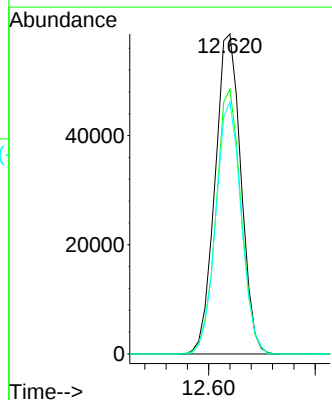
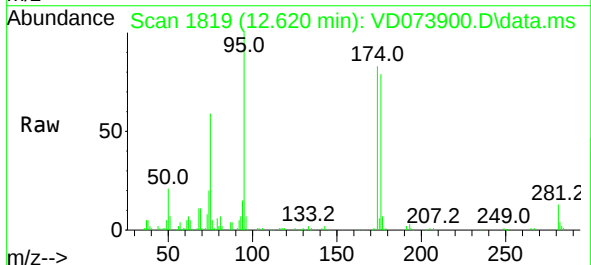
Instrument :
MSVOA_D
ClientSampleId :
ENV-DE-3(5-10)

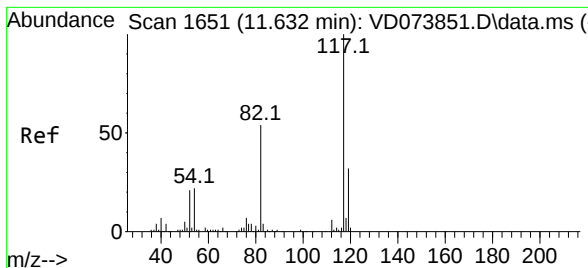
Tgt Ion: 98 Resp: 291969
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.467 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073900.D
Acq: 21 Jul 2022 17:03

Tgt Ion: 95 Resp: 98824
Ion Ratio Lower Upper
95 100
174 80.5 0.0 152.8
176 77.2 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: VD073900.D

Acq: 21 Jul 2022 17:03

Instrument :

MSVOA_D

ClientSampleId :

ENV-DE-3(5-10)

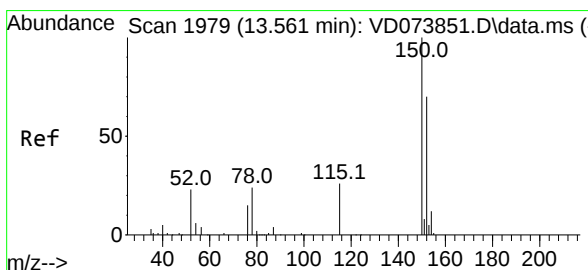
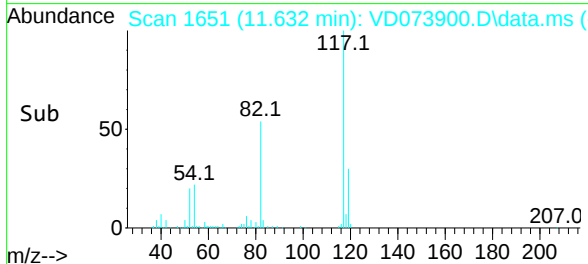
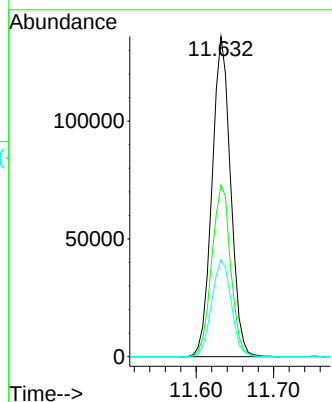
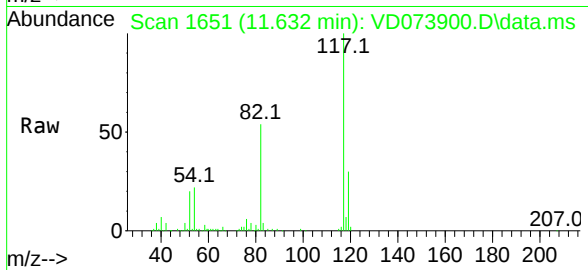
Tgt Ion:117 Resp: 227069

Ion Ratio Lower Upper

117 100

82 53.7 45.3 67.9

119 30.3 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: VD073900.D

Acq: 21 Jul 2022 17:03

Tgt Ion:152 Resp: 100280

Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 160.2 0.0 348.6

