

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074134.D
 Acq On : 17 Aug 2022 19:59
 Operator : VA/SY
 Sample : N4215-05
 Misc : 5.70G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3

Quant Time: Aug 18 03:23:51 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	7.973	168	136272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	237363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	222540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	96143	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	55343	55.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.720%
35) Dibromofluoromethane	7.908	113	69771	45.999	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.000%
50) Toluene-d8	10.332	98	159754	34.690	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.380%
62) 4-Bromofluorobenzene	12.620	95	77313	40.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.300%

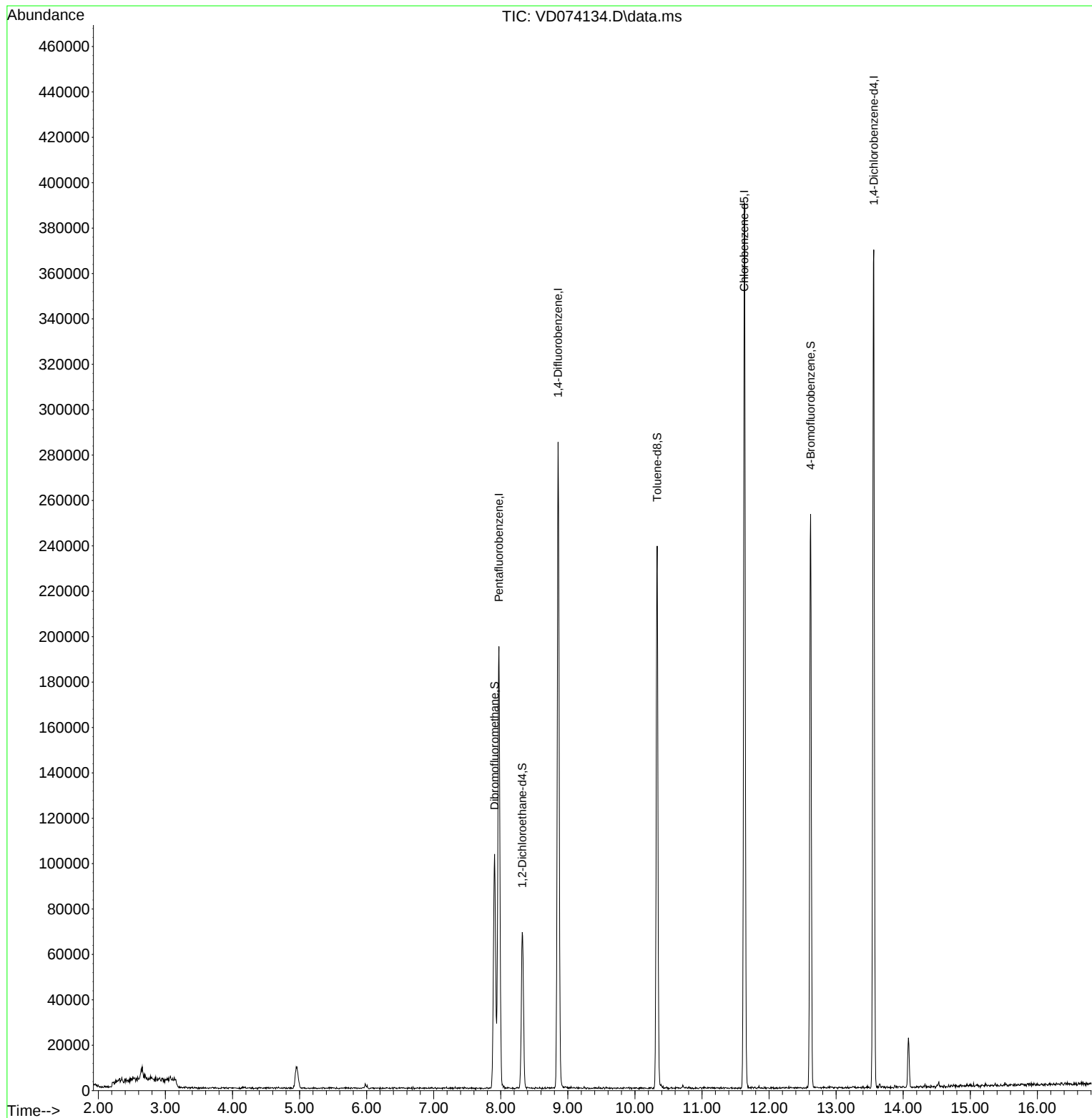
Target Compounds	Qvalue

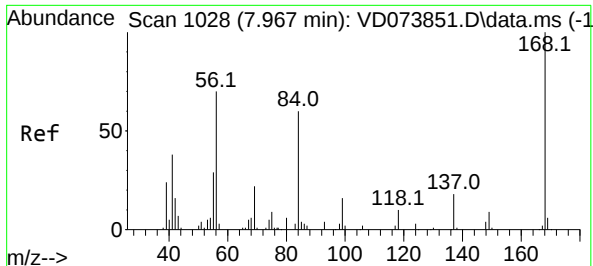
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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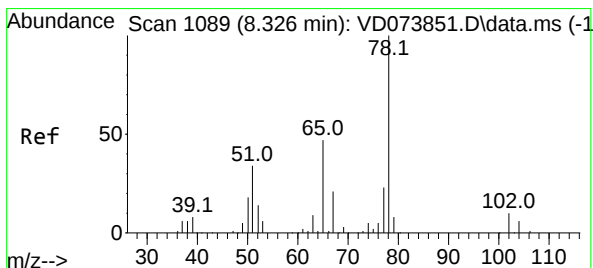
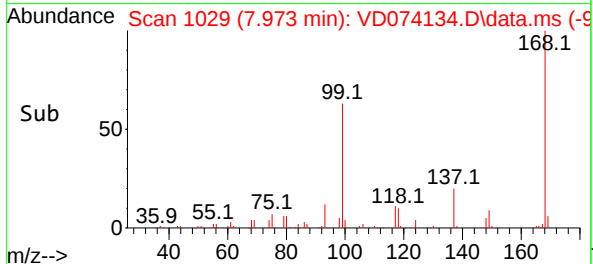
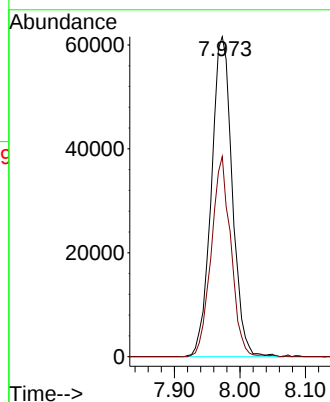
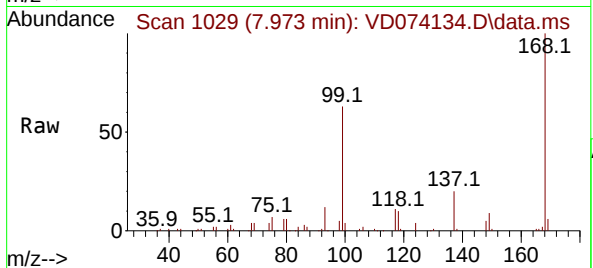




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD074134.D
Acq: 17 Aug 2022 19:59

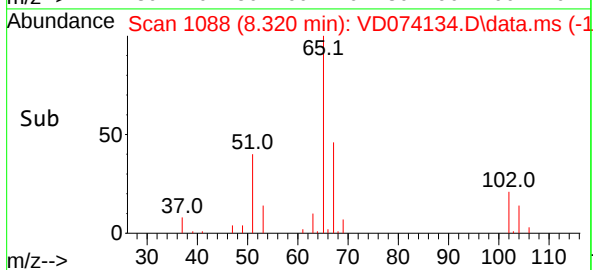
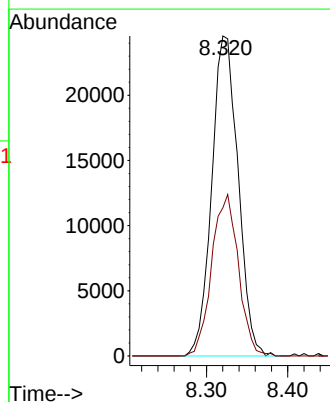
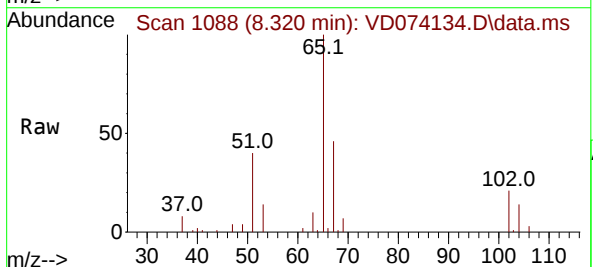
Instrument :
MSVOA_D
ClientSampleId :
WC-3

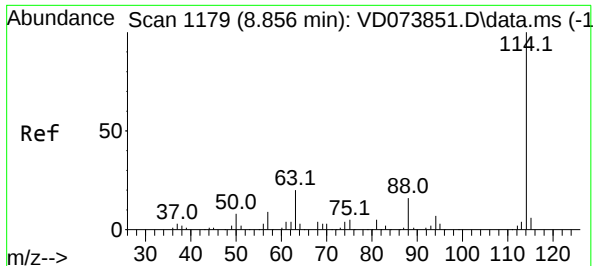
Tgt Ion:168 Resp: 136272
Ion Ratio Lower Upper
168 100
99 62.6 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 55.358 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074134.D
Acq: 17 Aug 2022 19:59

Tgt Ion: 65 Resp: 55343
Ion Ratio Lower Upper
65 100
67 51.0 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: VD074134.D

Acq: 17 Aug 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

WC-3

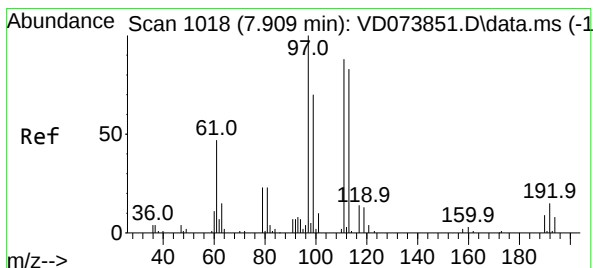
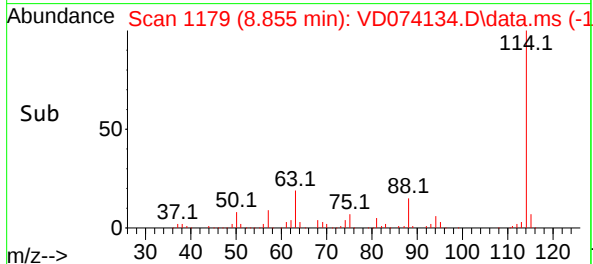
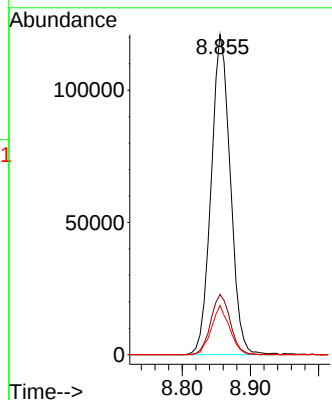
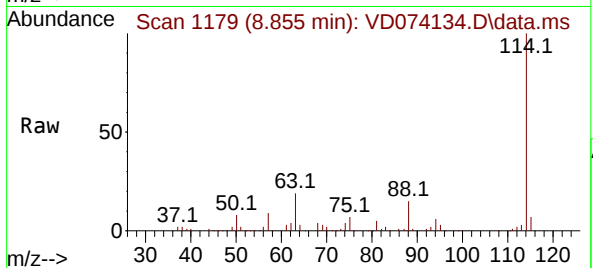
Tgt Ion:114 Resp: 237363

Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.999 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD074134.D

Acq: 17 Aug 2022 19:59

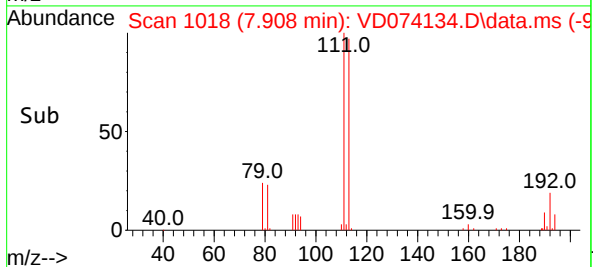
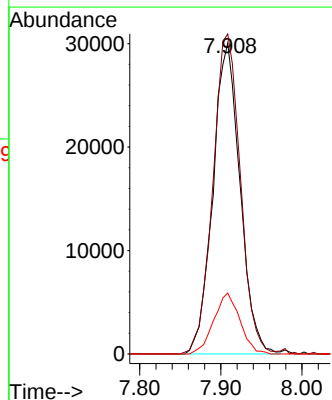
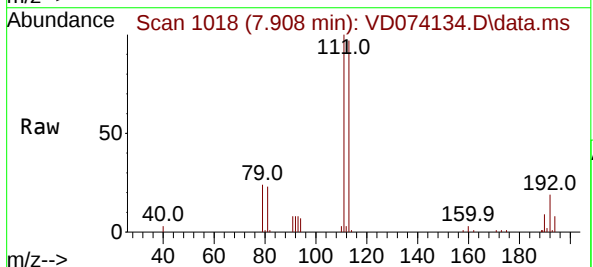
Tgt Ion:113 Resp: 69771

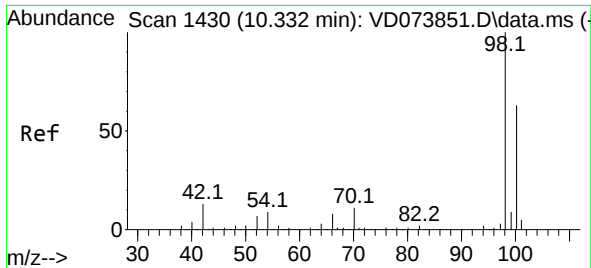
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.9 14.6 21.8

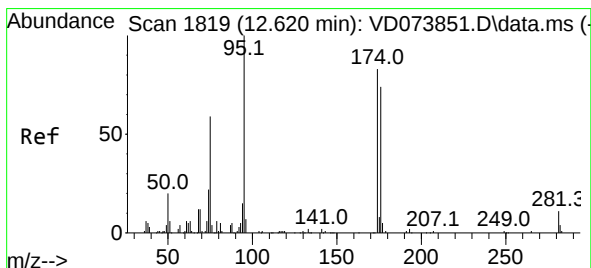
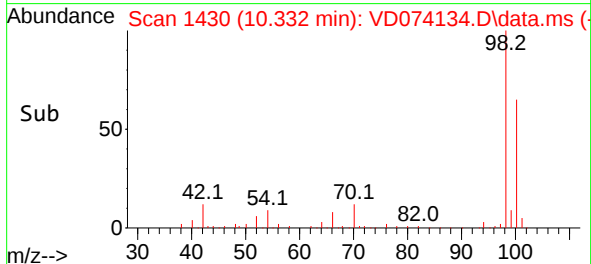
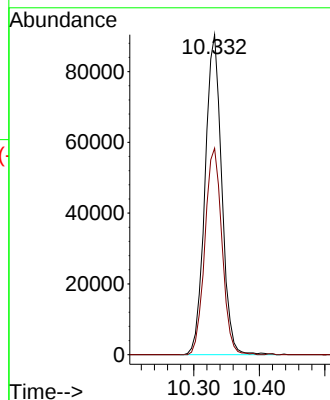
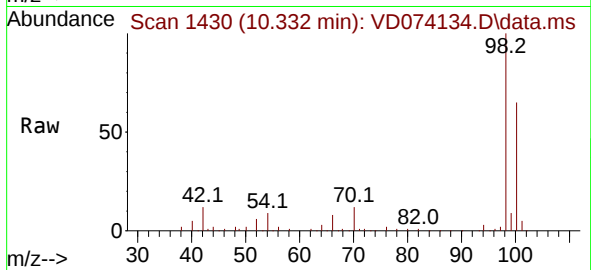




#50
Toluene-d8
Concen: 34.690 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074134.D
Acq: 17 Aug 2022 19:59

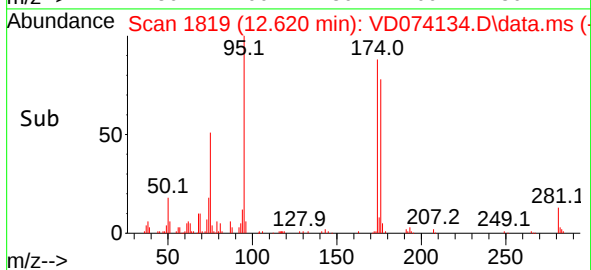
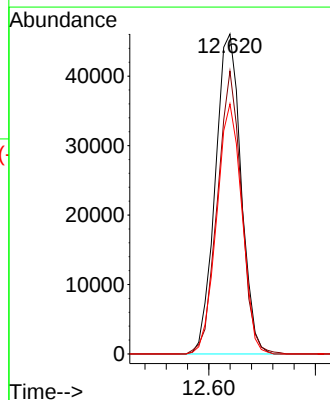
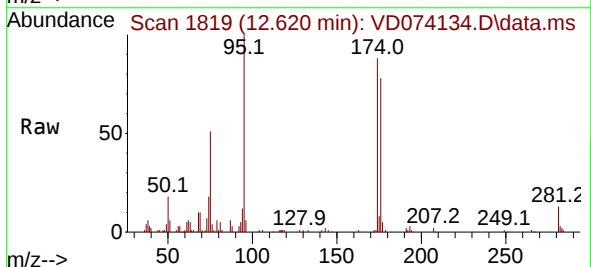
Instrument :
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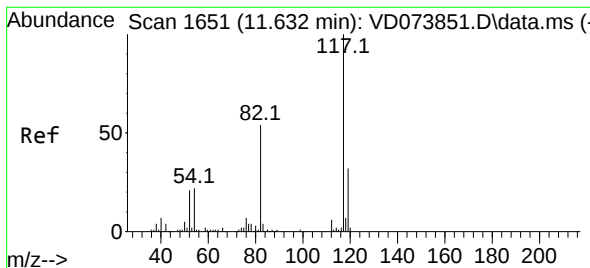
Tgt Ion: 98 Resp: 159754
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 40.654 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074134.D
Acq: 17 Aug 2022 19:59

Tgt Ion: 95 Resp: 77313
Ion Ratio Lower Upper
95 100
174 82.5 0.0 152.8
176 76.6 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: VD074134.D

Acq: 17 Aug 2022 19:59

Instrument :

MSVOA_D

ClientSampleId :

WC-3

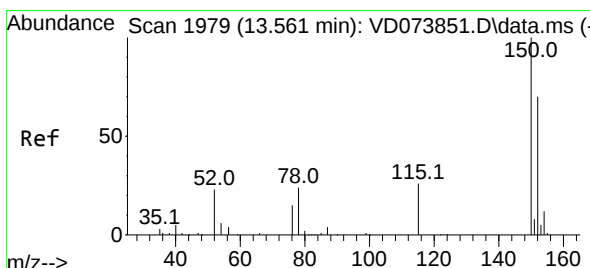
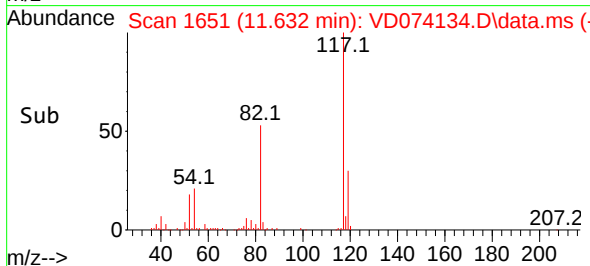
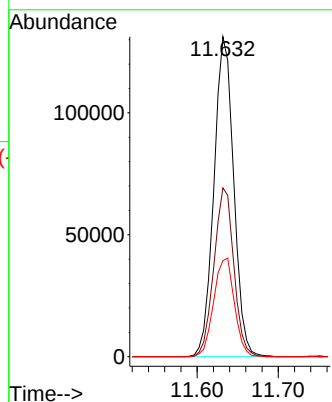
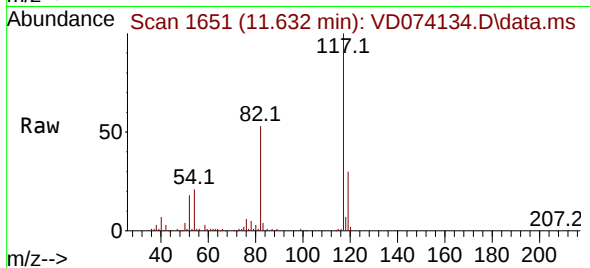
Tgt Ion:117 Resp: 222540

Ion Ratio Lower Upper

117 100

82 52.8 45.3 67.9

119 30.0 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: VD074134.D

Acq: 17 Aug 2022 19:59

Tgt Ion:152 Resp: 96143

Ion Ratio Lower Upper

152 100

115 60.6 31.3 93.8

150 159.8 0.0 348.6

