

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074110.D
 Acq On : 16 Aug 2022 19:18
 Operator : VA/SY
 Sample : N4189-11
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB17

Quant Time: Aug 16 20:53:55 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	7529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	12675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	14392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	6377	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	6324	124.027	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	248.060%#
35) Dibromofluoromethane	7.902	113	6088	75.165	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	150.320%#
50) Toluene-d8	10.332	98	9670	39.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.640%
62) 4-Bromofluorobenzene	12.620	95	5186	51.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.140%

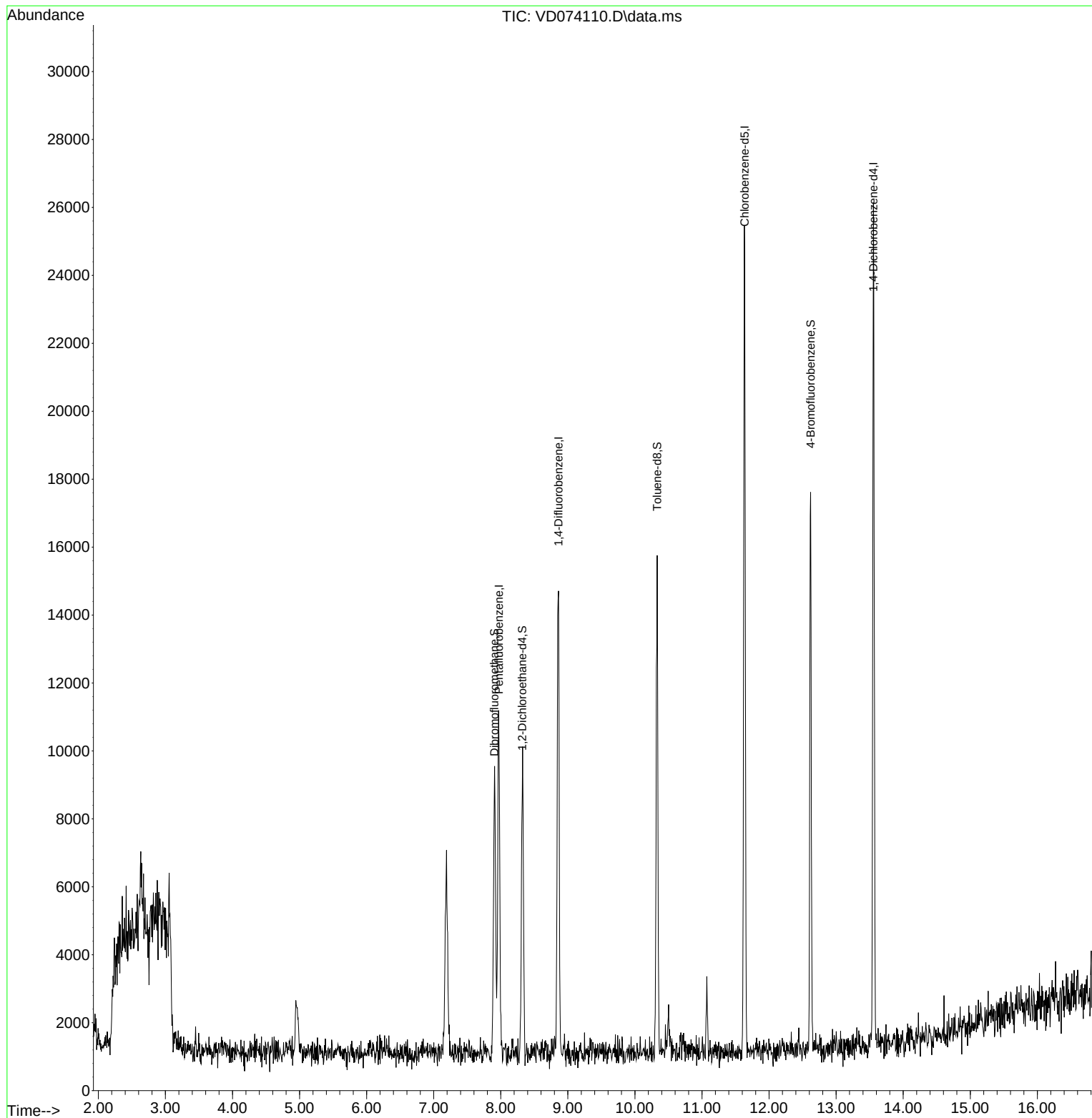
Target Compounds	Qvalue

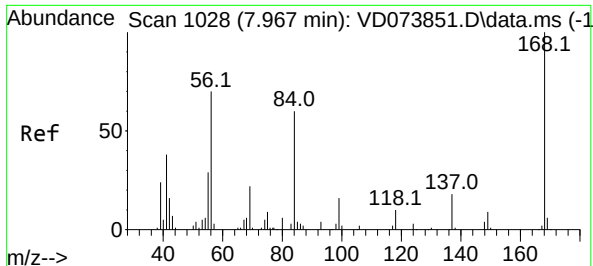
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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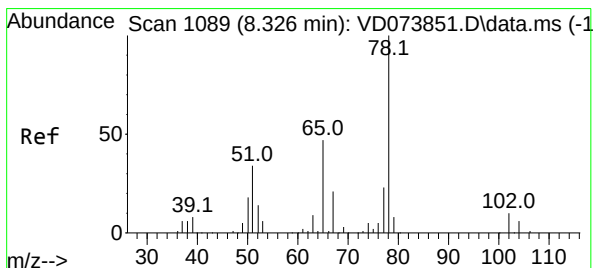
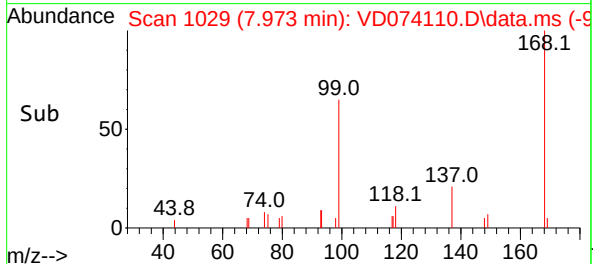
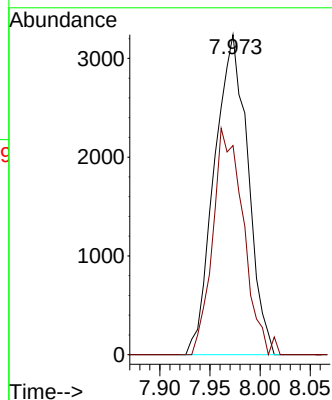
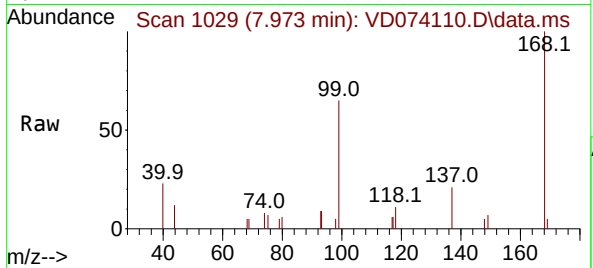




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD074110.D
Acq: 16 Aug 2022 19:18

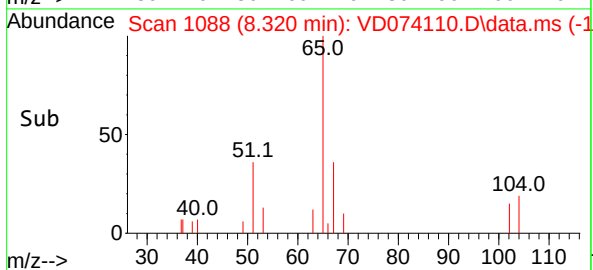
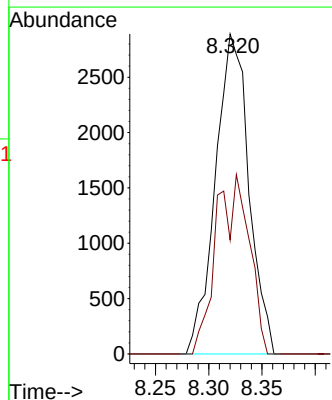
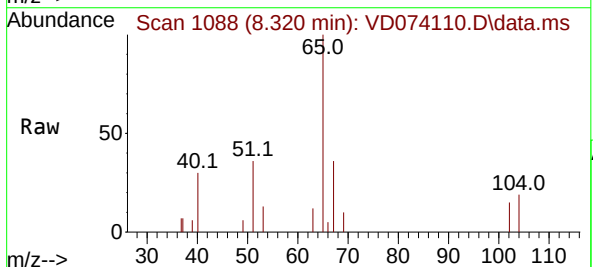
Instrument :
MSVOA_D
ClientSampleId :
SB17

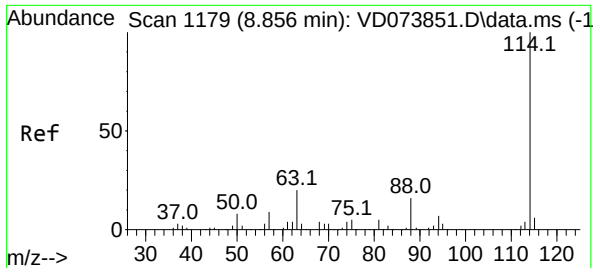
Tgt Ion:168 Resp: 7529
Ion Ratio Lower Upper
168 100
99 65.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 124.027 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074110.D
Acq: 16 Aug 2022 19:18

Tgt Ion: 65 Resp: 6324
Ion Ratio Lower Upper
65 100
67 27.9 0.0 101.4

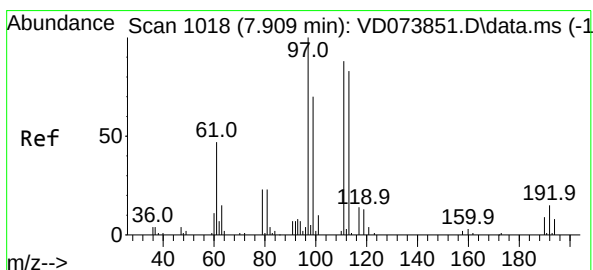
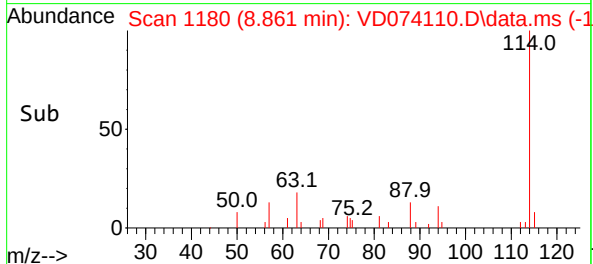
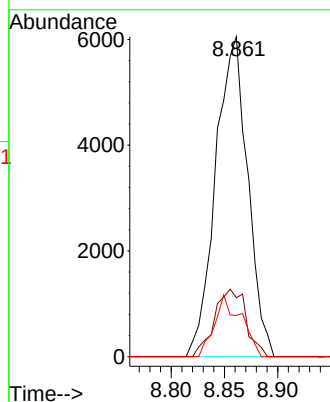
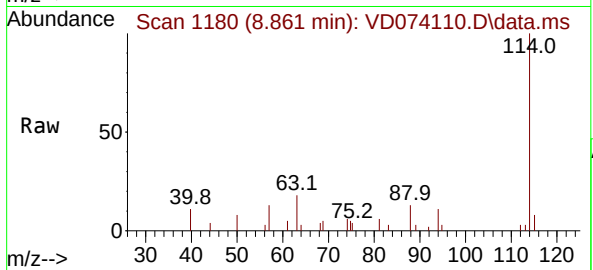




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD074110.D
Acq: 16 Aug 2022 19:18

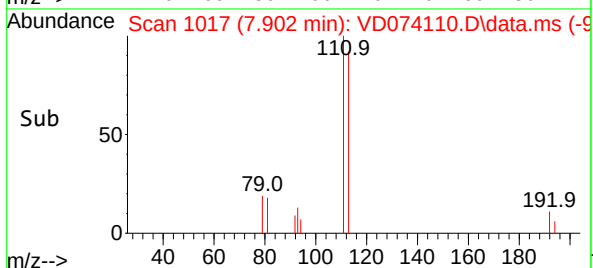
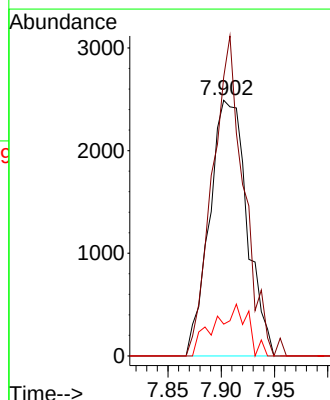
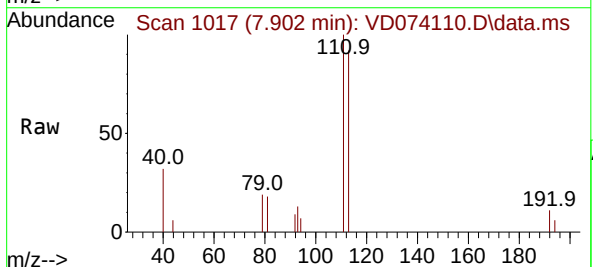
Instrument :
MSVOA_D
ClientSampleId :
SB17

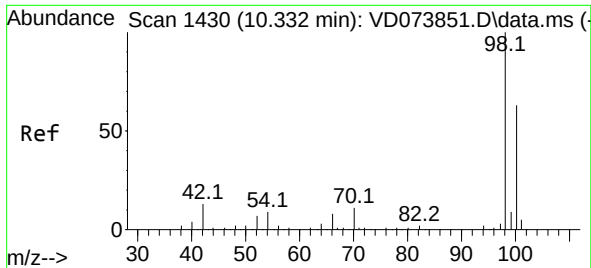
Tgt Ion:114 Resp: 12675
Ion Ratio Lower Upper
114 100
63 18.5 0.0 46.6
88 12.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 75.165 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.007 min
Lab File: VD074110.D
Acq: 16 Aug 2022 19:18

Tgt Ion:113 Resp: 6088
Ion Ratio Lower Upper
113 100
111 105.2 83.8 125.6
192 18.3 14.6 21.8

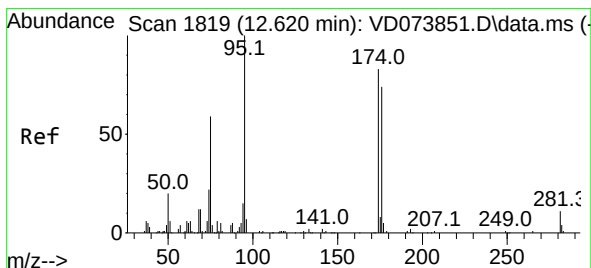
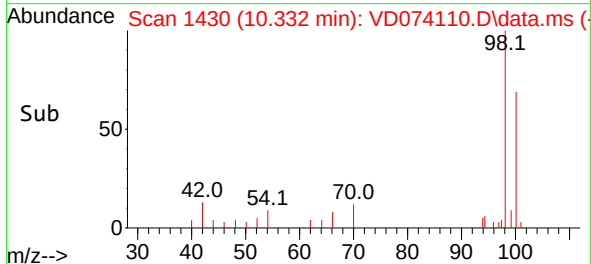
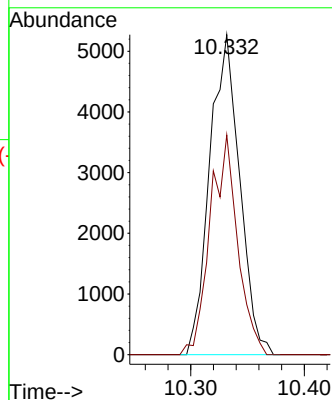
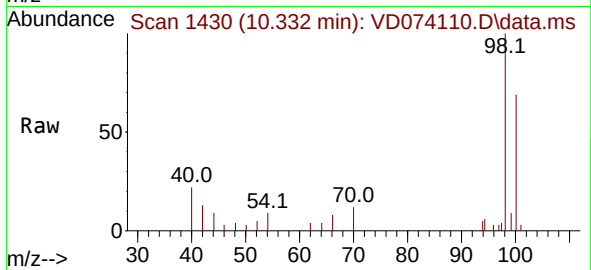




#50
Toluene-d8
Concen: 39.322 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074110.D
Acq: 16 Aug 2022 19:18

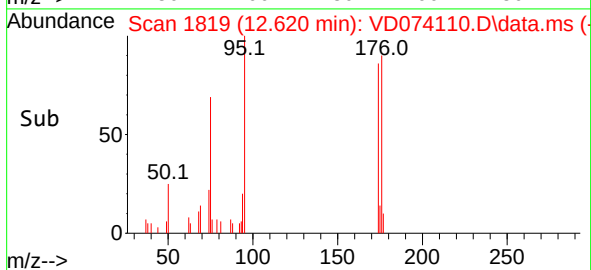
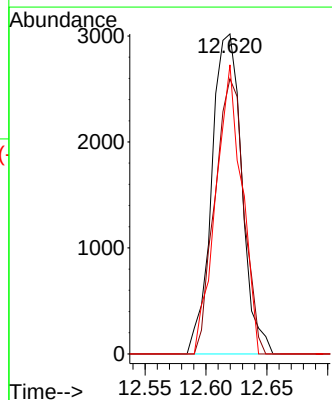
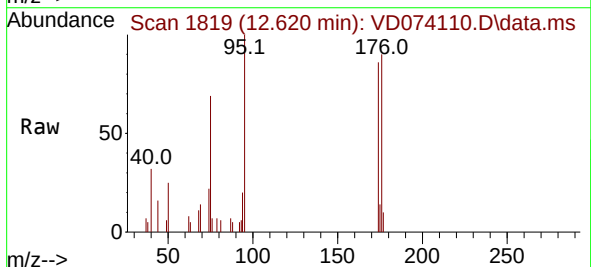
Instrument :
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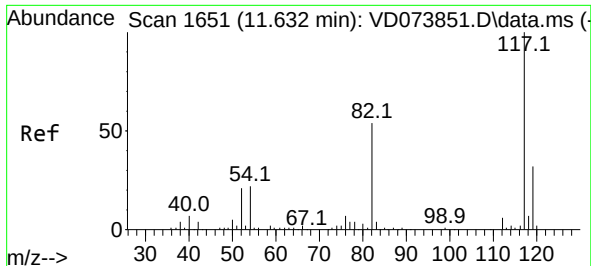
Tgt Ion: 98 Resp: 9670
Ion Ratio Lower Upper
98 100
100 63.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.068 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074110.D
Acq: 16 Aug 2022 19:18

Tgt Ion: 95 Resp: 5186
Ion Ratio Lower Upper
95 100
174 83.0 0.0 152.8
176 78.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.637 min Scan# 1

Delta R.T. 0.005 min

Lab File: VD074110.D

Acq: 16 Aug 2022 19:18

Instrument :

MSVOA_D

ClientSampleId :

SB17

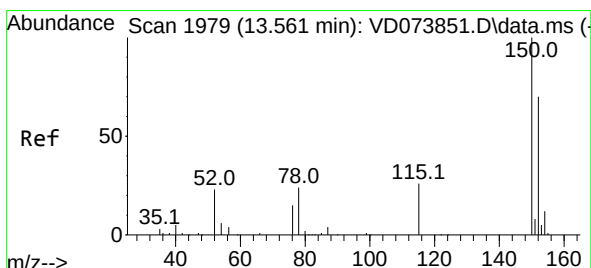
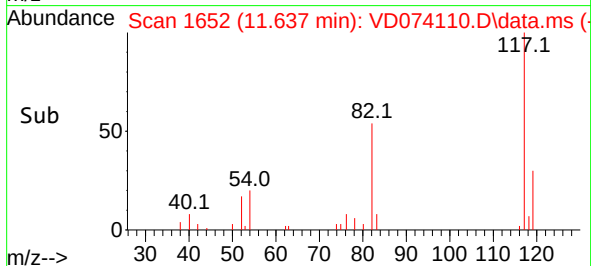
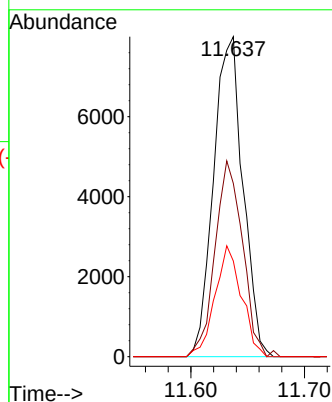
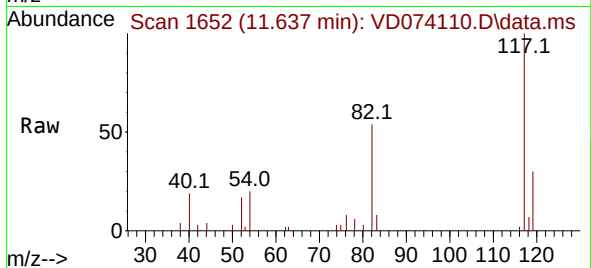
Tgt Ion:117 Resp: 14392

Ion Ratio Lower Upper

117 100

82 54.2 45.3 67.9

119 29.9 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VD074110.D

Acq: 16 Aug 2022 19:18

Tgt Ion:152 Resp: 6377

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.8

150 159.7 0.0 348.6

