

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073950.D
 Acq On : 04 Aug 2022 13:14
 Operator : VA/SY
 Sample : VD0804SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0804SBL01

Quant Time: Aug 05 09:25:51 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	160397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	268800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	240542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	110086	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	66824	50.703	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.400%
35) Dibromofluoromethane	7.908	113	74952	44.879	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.760%
50) Toluene-d8	10.332	98	222153	39.489	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.980%
62) 4-Bromofluorobenzene	12.620	95	82925	40.084	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.160%

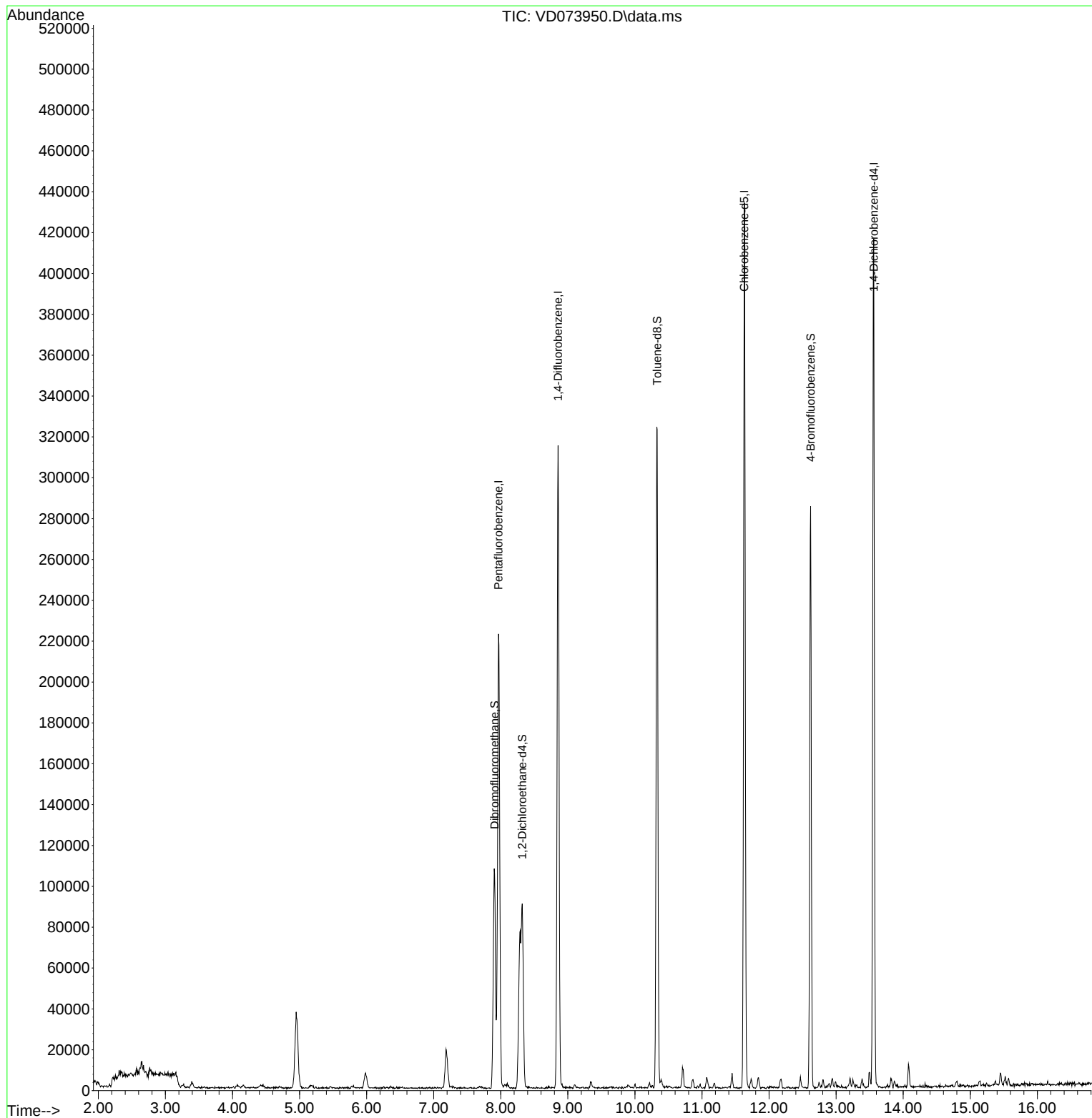
Target Compounds	Qvalue

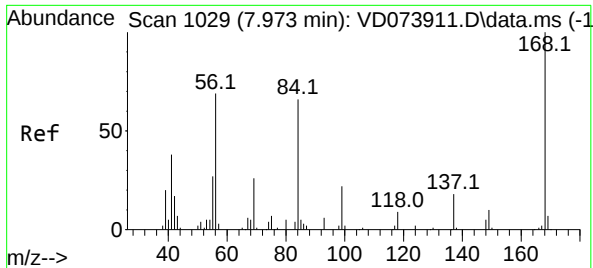
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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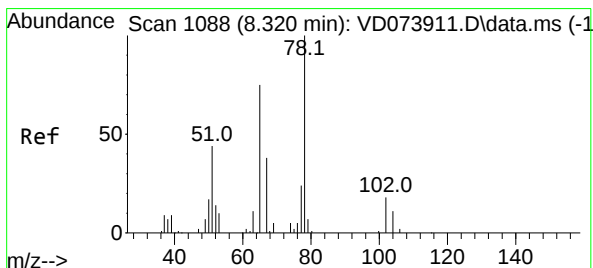
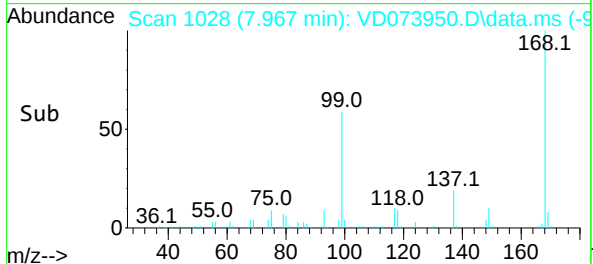
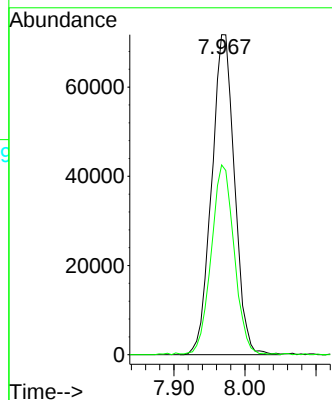
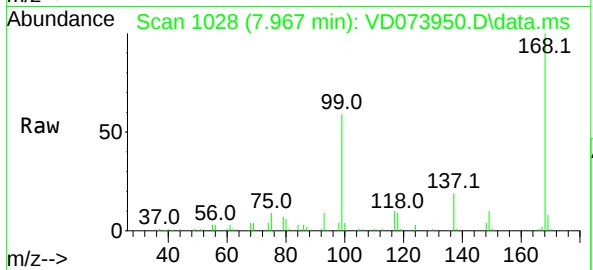




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:14

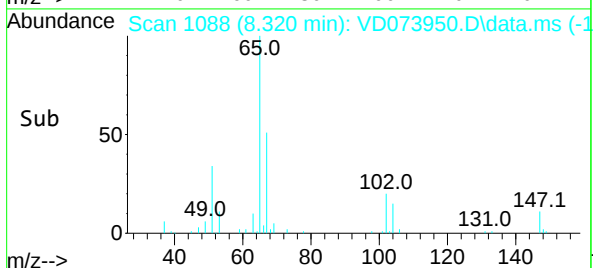
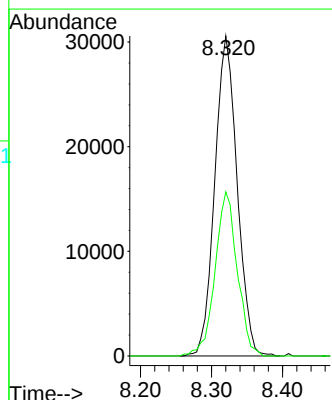
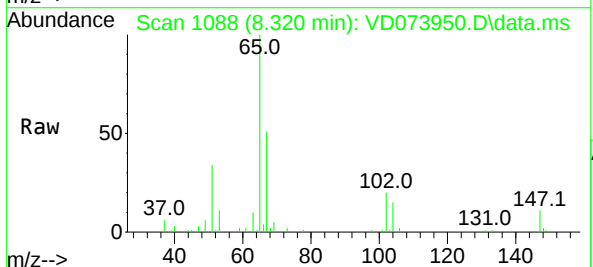
Instrument :
MSVOA_D
ClientSampleId :
VD0804SBL01

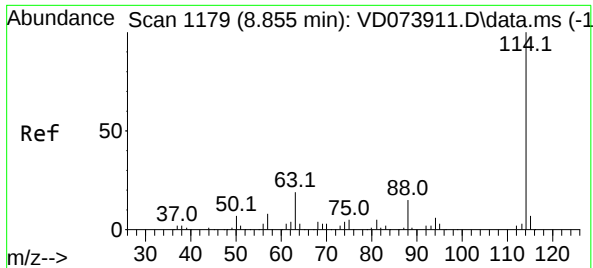
Tgt Ion:168 Resp: 160397
Ion Ratio Lower Upper
168 100
99 59.3 52.2 78.4



#33
1,2-Dichloroethane-d4
Concen: 50.703 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:14

Tgt Ion: 65 Resp: 66824
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.8

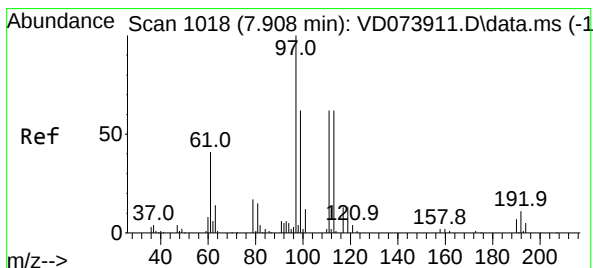
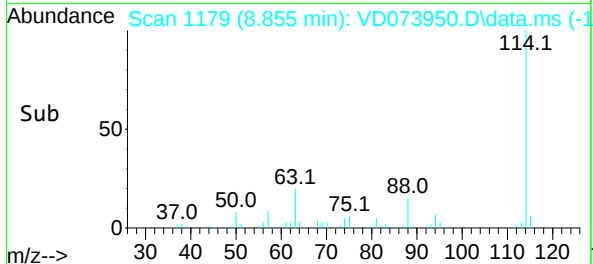
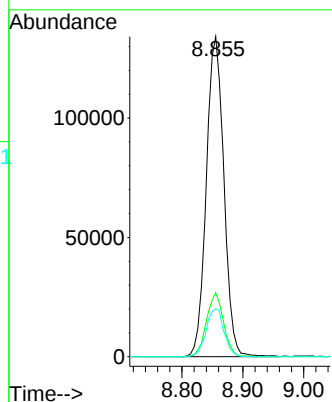
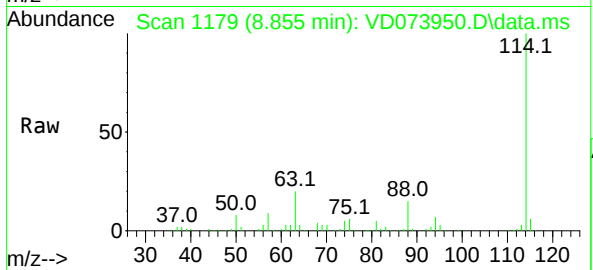




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:14

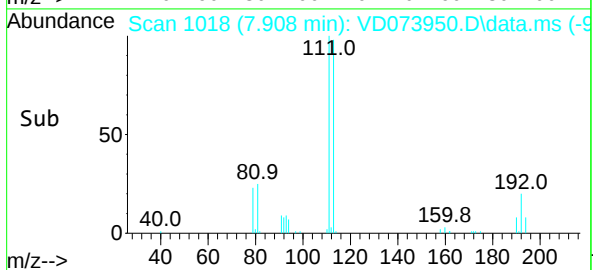
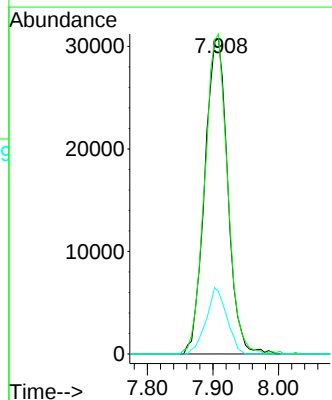
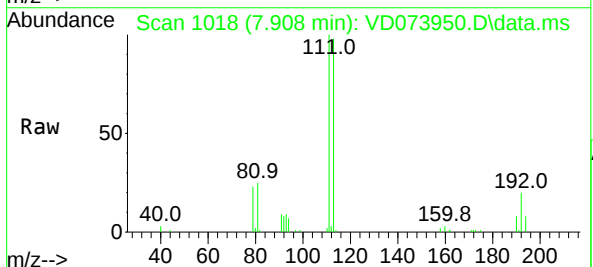
Instrument :
MSVOA_D
ClientSampleId :
VD0804SBL01

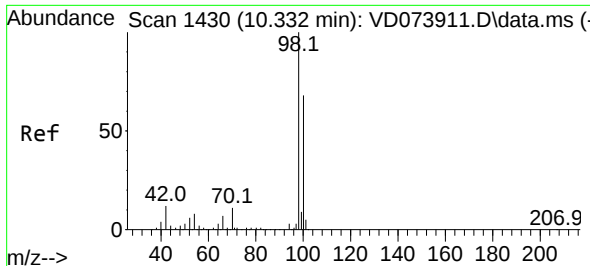
Tgt Ion:114 Resp: 268800
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.6
88 15.0 0.0 30.2



#35
Dibromofluoromethane
Concen: 44.879 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:14

Tgt Ion:113 Resp: 74952
Ion Ratio Lower Upper
113 100
111 100.3 83.7 125.5
192 18.8 15.0 22.6

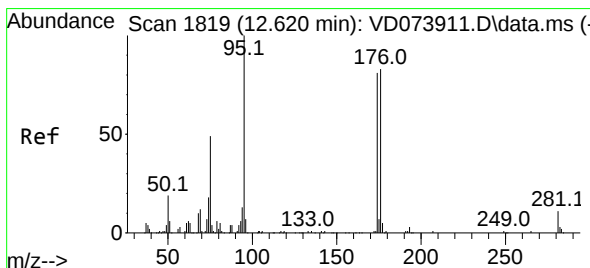
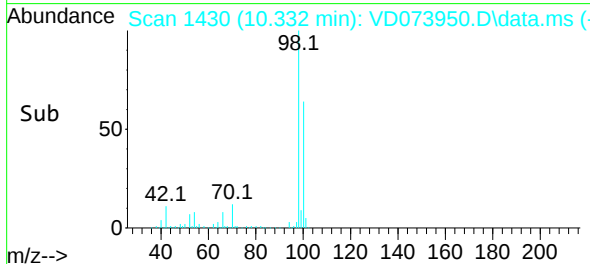
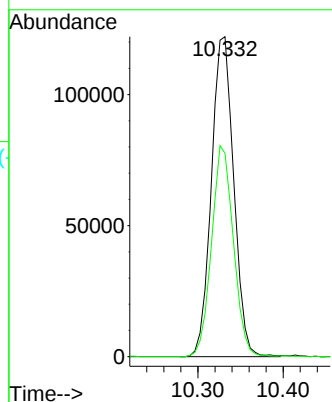
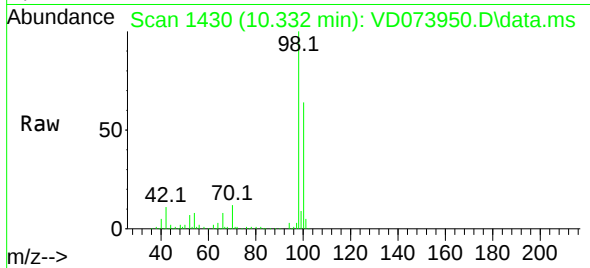




#50
Toluene-d8
Concen: 39.489 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:14

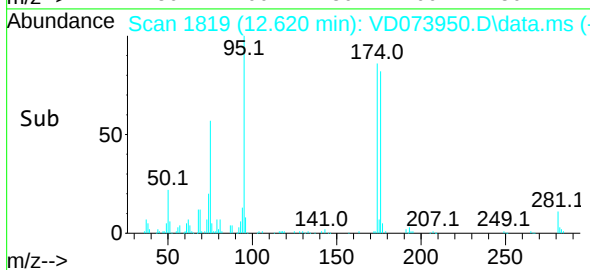
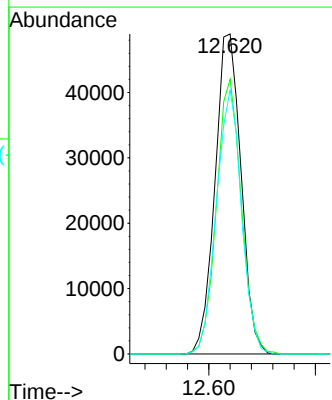
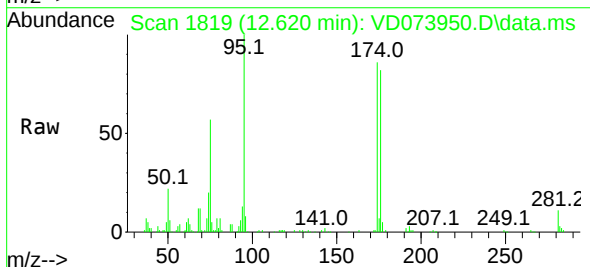
Instrument :
MSVOA_D
ClientSampleId :
VD0804SBL01

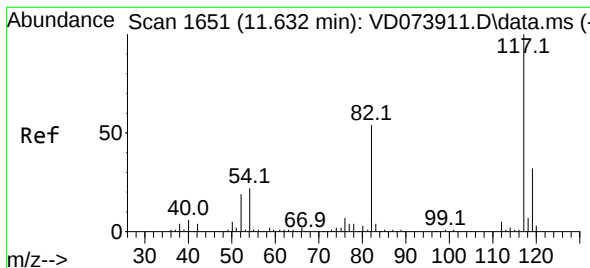
Tgt Ion: 98 Resp: 222153
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 40.084 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073950.D
Acq: 04 Aug 2022 13:14

Tgt Ion: 95 Resp: 82925
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.2
176 79.6 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: VD073950.D

Acq: 04 Aug 2022 13:14

Instrument :

MSVOA_D

ClientSampleId :

VD0804SBL01

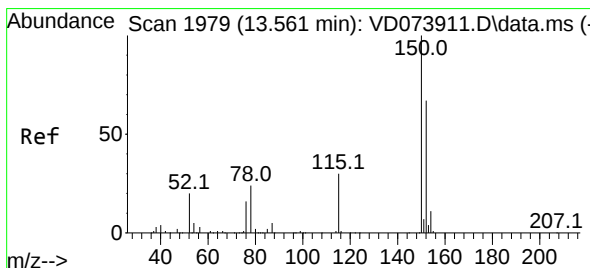
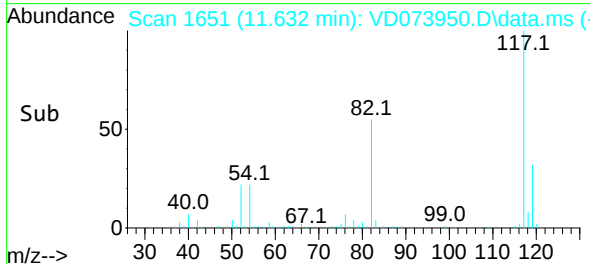
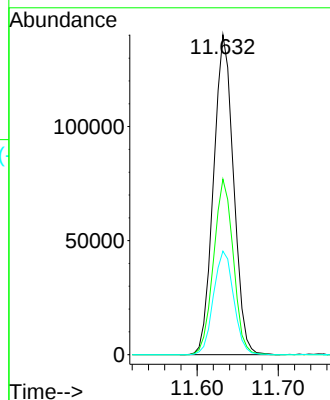
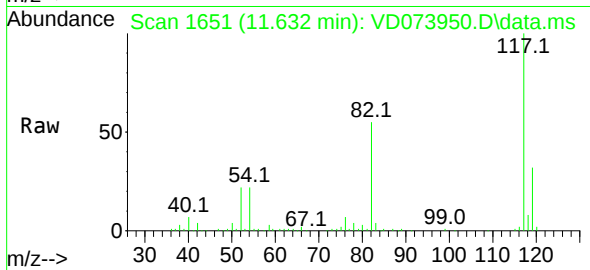
Tgt Ion:117 Resp: 240542

Ion Ratio Lower Upper

117 100

82 54.9 43.3 64.9

119 32.4 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: VD073950.D

Acq: 04 Aug 2022 13:14

Tgt Ion:152 Resp: 110086

Ion Ratio Lower Upper

152 100

115 59.5 29.1 87.3

150 157.0 0.0 338.2

