

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031023\
 Data File : VN076935.D
 Acq On : 10 Mar 2023 19:38
 Operator : JC\MD
 Sample : 01871-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Mar 13 01:23:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	370712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	611185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	523008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	218138	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	264052	47.731	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.460%
35) Dibromofluoromethane	8.178	113	192873	47.350	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.700%
50) Toluene-d8	10.572	98	716976	47.759	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.854	95	252596	46.002	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.000%

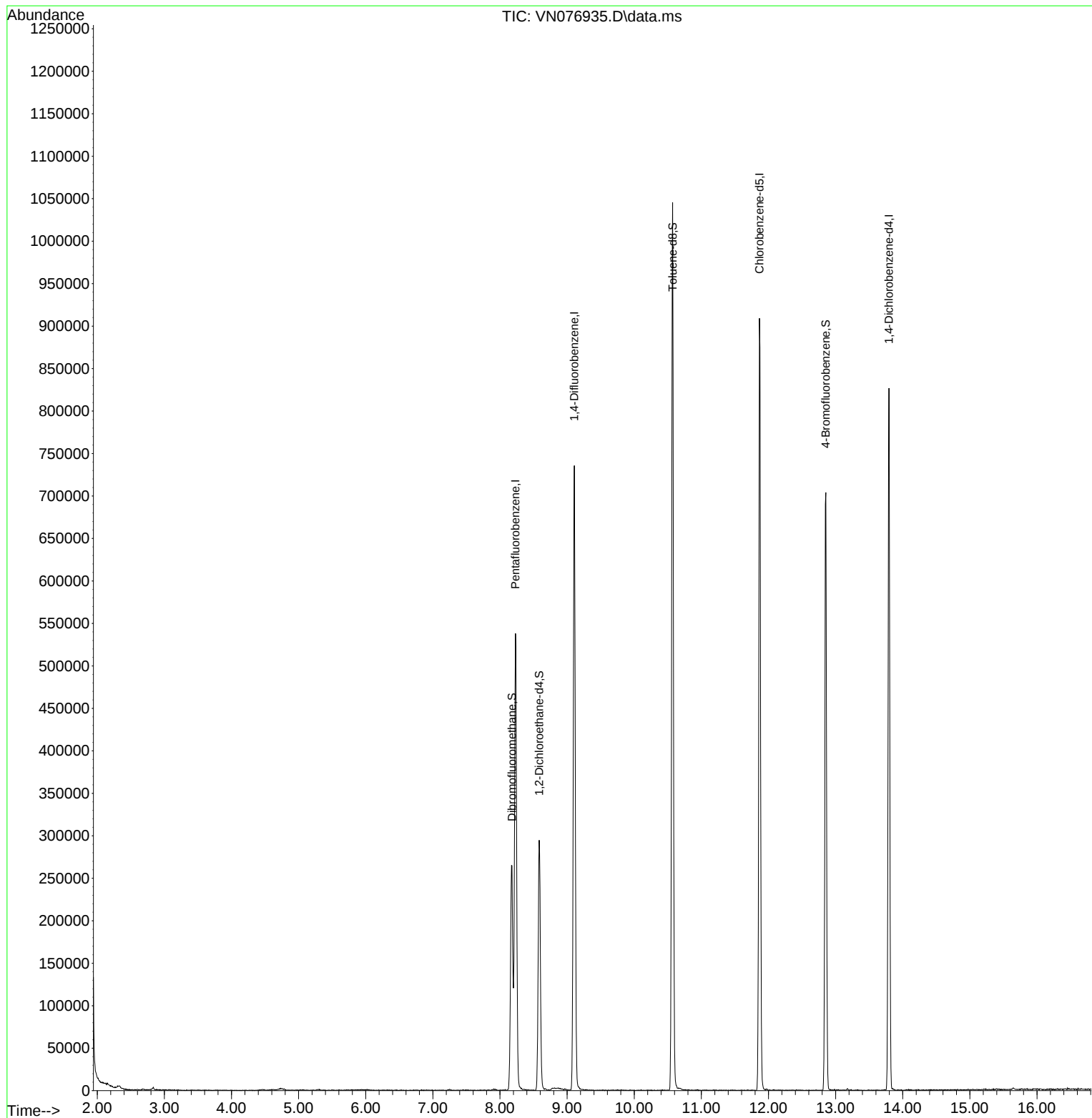
Target Compounds	Qvalue

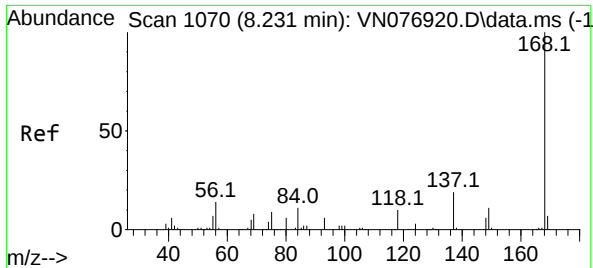
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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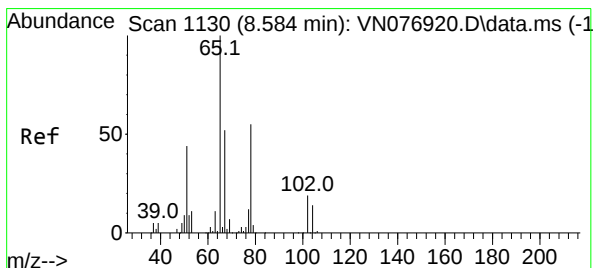
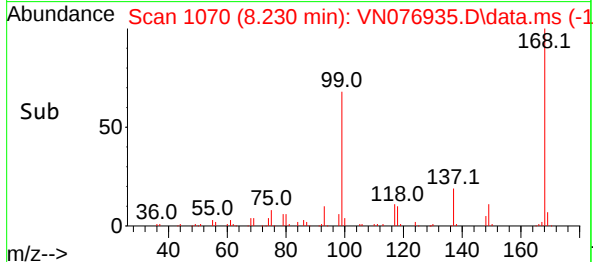
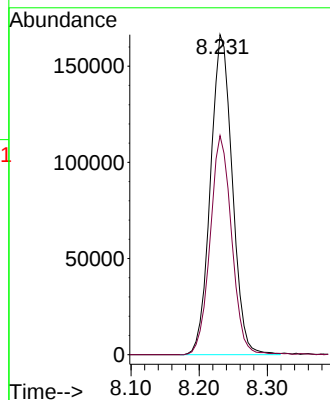
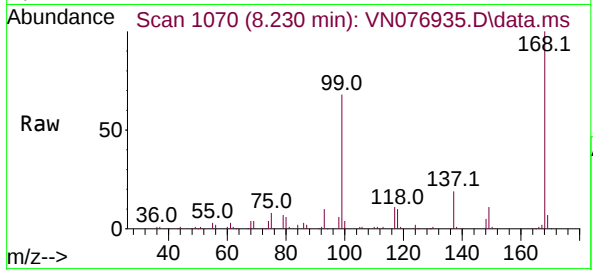




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. -0.001 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

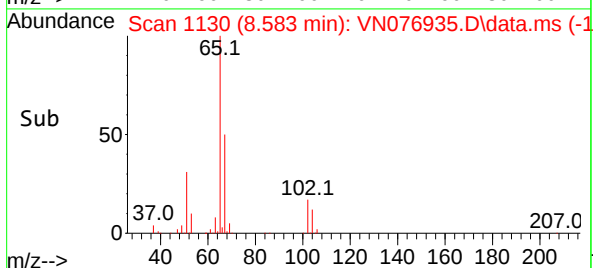
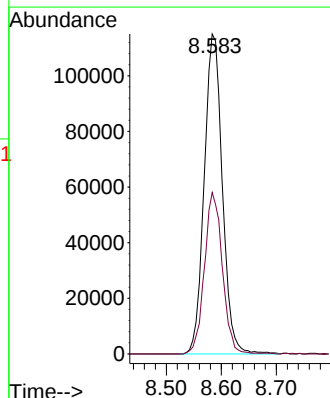
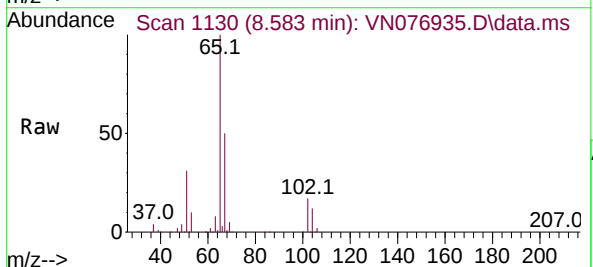
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

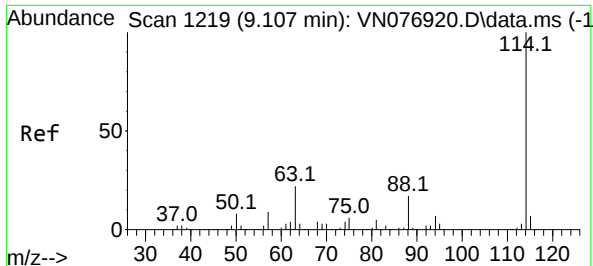
Tgt Ion:168 Resp: 370712
Ion Ratio Lower Upper
168 100
99 68.4 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 47.731 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

Tgt Ion: 65 Resp: 264052
Ion Ratio Lower Upper
65 100
67 49.7 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076935.D

Acq: 10 Mar 2023 19:38

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

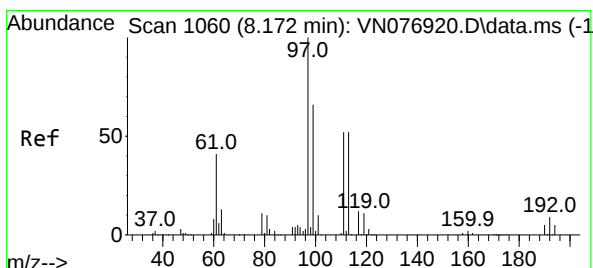
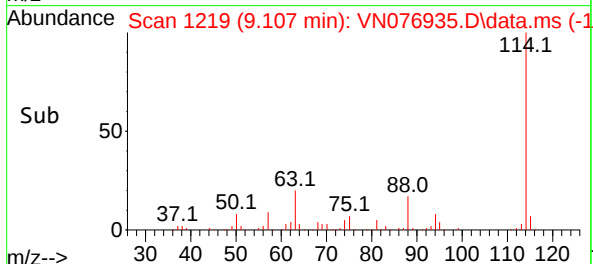
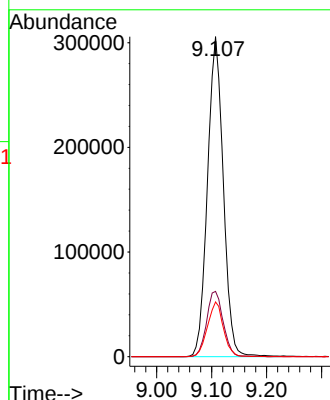
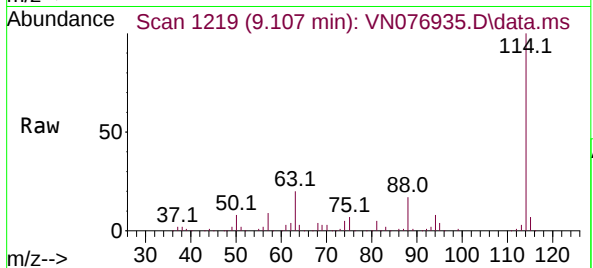
Tgt Ion:114 Resp: 611185

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 17.1 0.0 28.6



#35

Dibromofluoromethane

Concen: 47.350 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076935.D

Acq: 10 Mar 2023 19:38

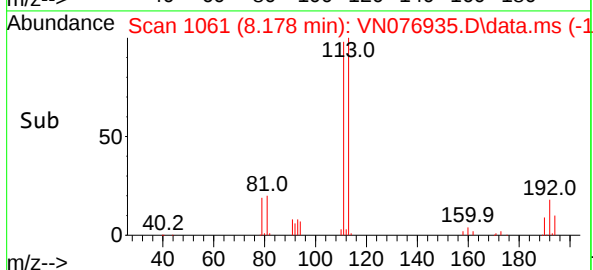
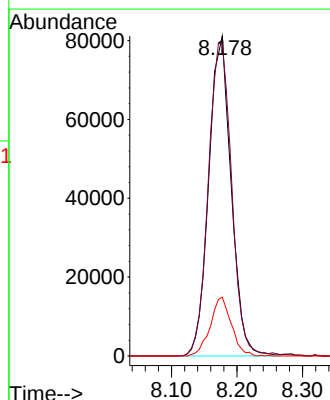
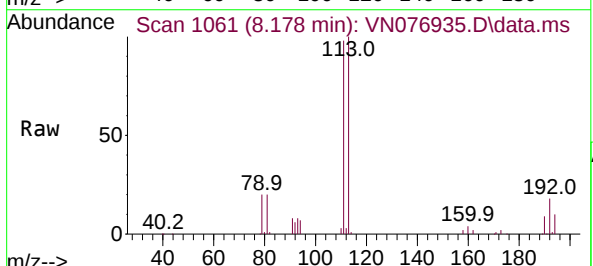
Tgt Ion:113 Resp: 192873

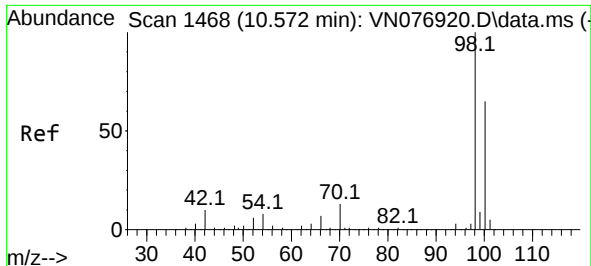
Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 17.4 13.9 20.9

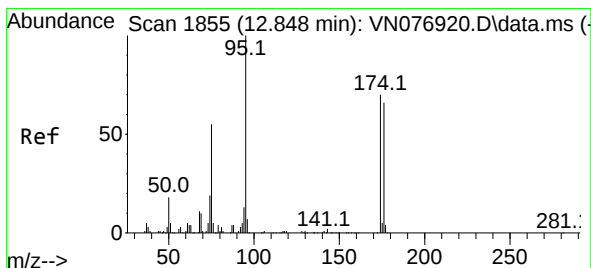
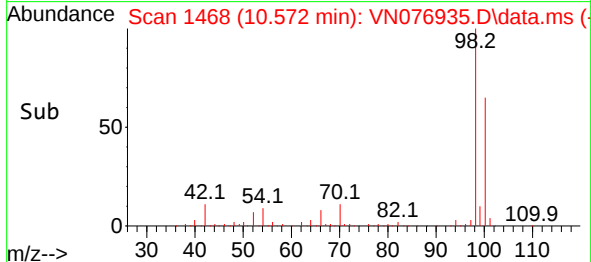
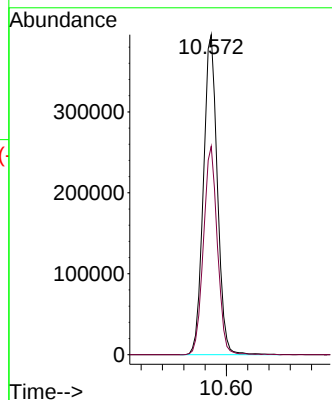
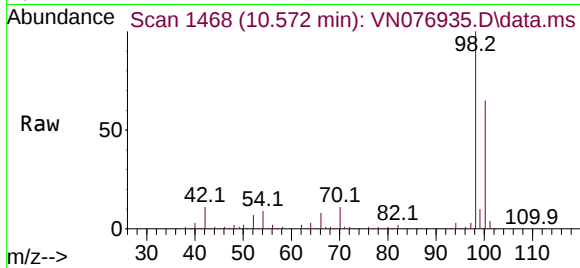




#50
Toluene-d8
Concen: 47.759 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

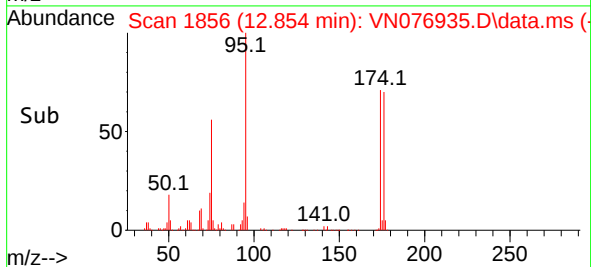
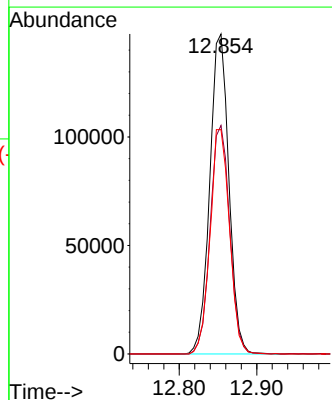
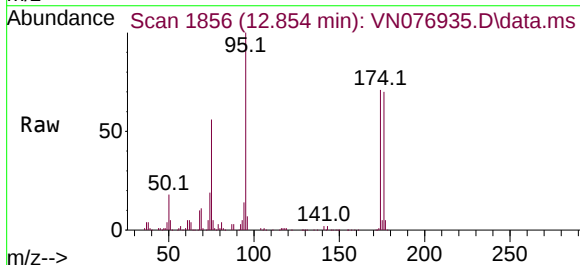
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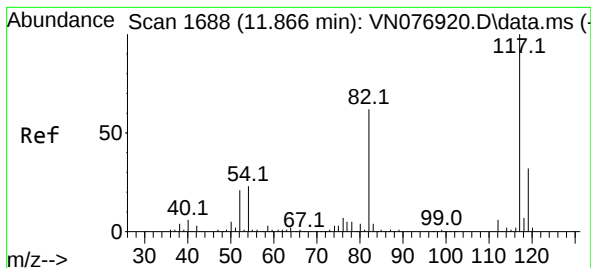
Tgt Ion: 98 Resp: 716976
Ion Ratio Lower Upper
98 100
100 65.0 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.002 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076935.D
Acq: 10 Mar 2023 19:38

Tgt Ion: 95 Resp: 252596
Ion Ratio Lower Upper
95 100
174 72.9 0.0 162.4
176 71.3 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076935.D

Acq: 10 Mar 2023 19:38

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAG

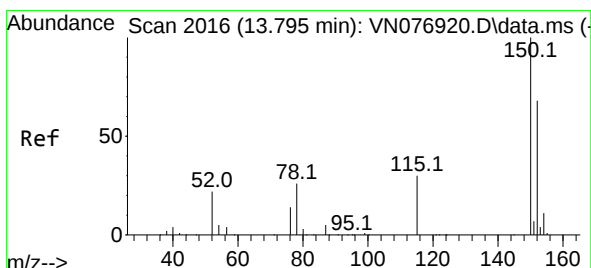
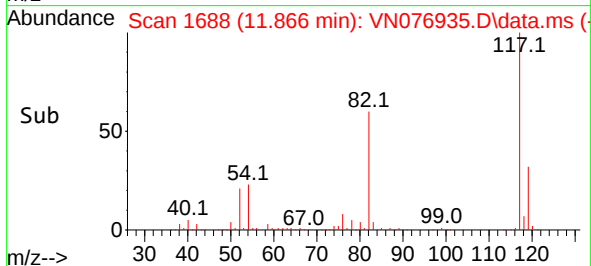
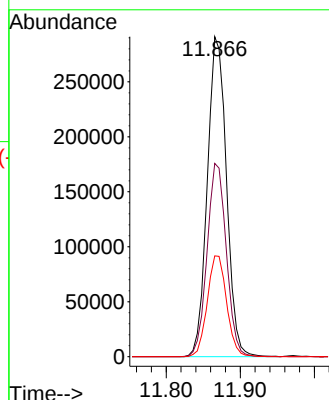
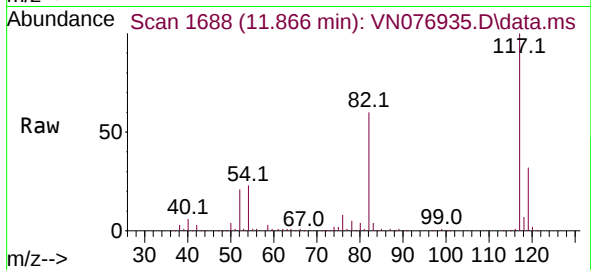
Tgt Ion:117 Resp: 523008

Ion Ratio Lower Upper

117 100

82 60.4 43.5 65.3

119 31.5 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076935.D

Acq: 10 Mar 2023 19:38

Tgt Ion:152 Resp: 218138

Ion Ratio Lower Upper

152 100

115 64.8 30.3 90.9

150 157.1 0.0 353.6

