

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030723\
 Data File : VN076865.D
 Acq On : 07 Mar 2023 11:31
 Operator : JC\MD
 Sample : VN0307WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0307WBL01

Quant Time: Mar 07 22:39:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	658605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1158127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	991196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	388153	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	450504	48.788	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.580%
35) Dibromofluoromethane	8.172	113	351538	48.521	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.040%
50) Toluene-d8	10.572	98	1380108	49.444	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.854	95	447552	46.272	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%

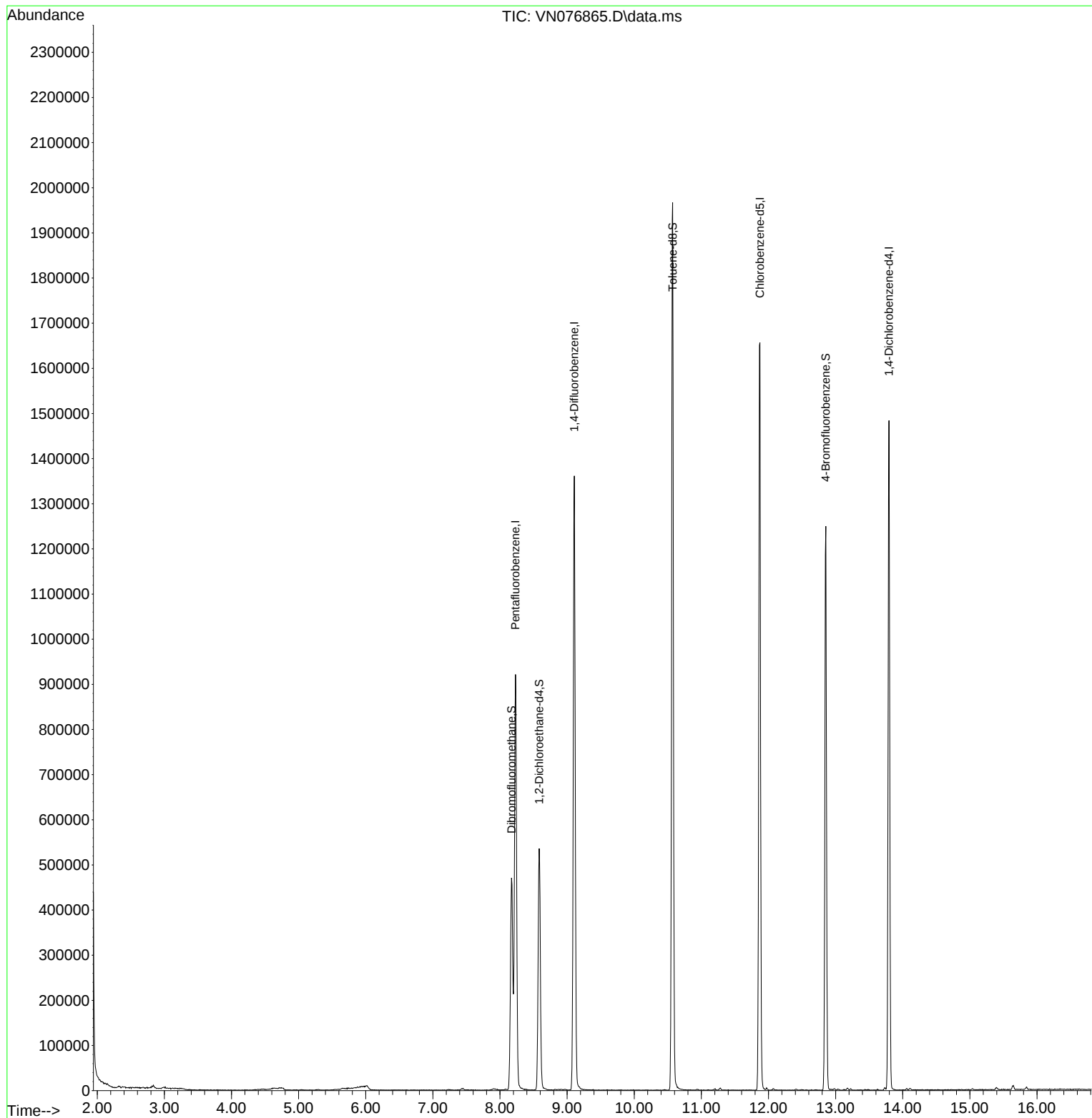
Target Compounds	Qvalue

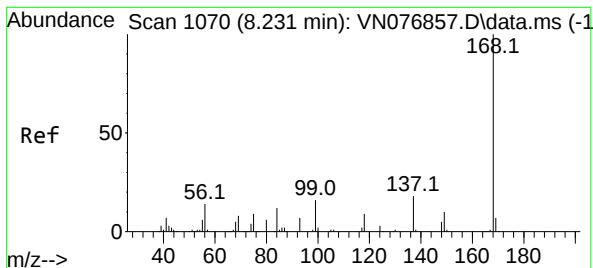
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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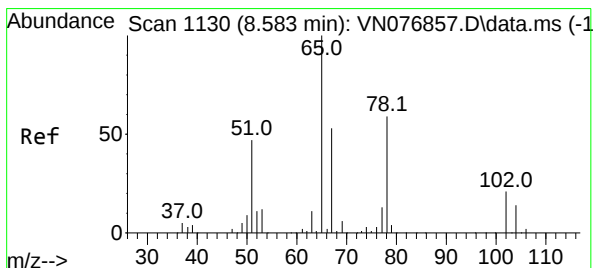
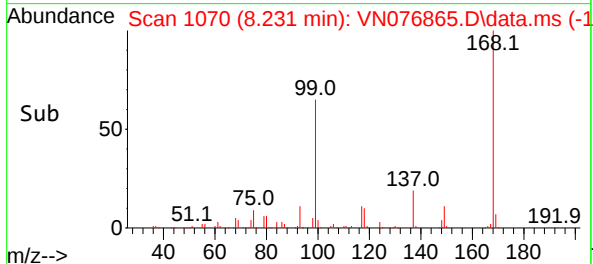
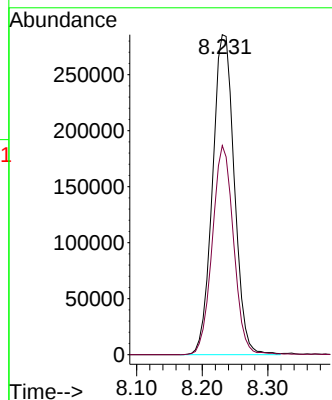
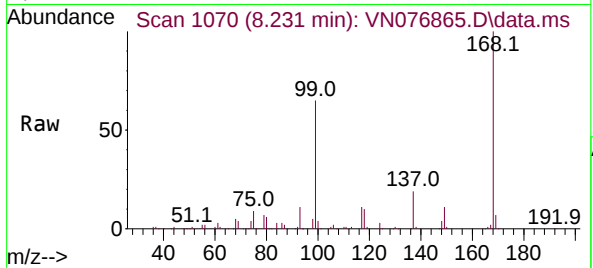




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

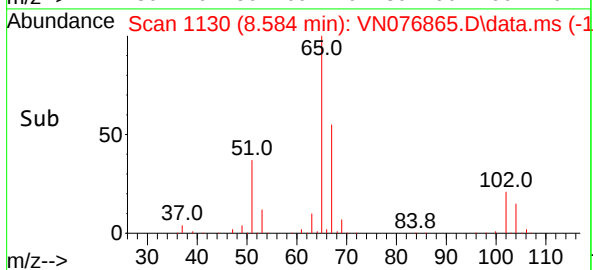
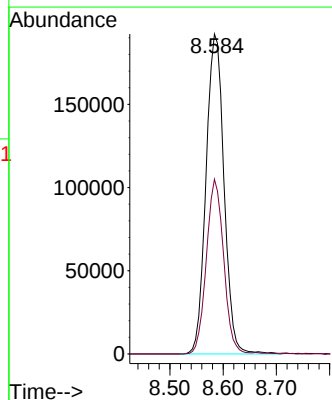
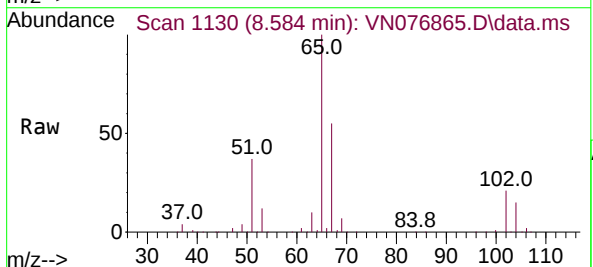
Instrument :
MSVOA_N
ClientSampleId :
VN0307WBL01

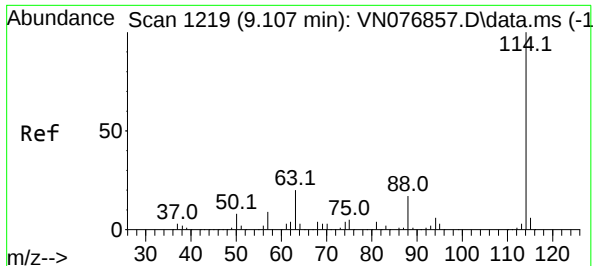
Tgt Ion:168 Resp: 658605
Ion Ratio Lower Upper
168 100
99 65.4 48.6 73.0



#33
1,2-Dichloroethane-d4
Concen: 48.788 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion: 65 Resp: 450504
Ion Ratio Lower Upper
65 100
67 52.4 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: VN076865.D

Acq: 07 Mar 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBL01

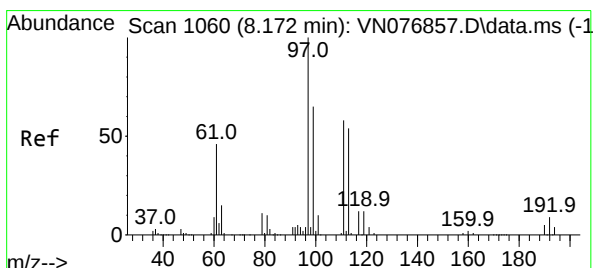
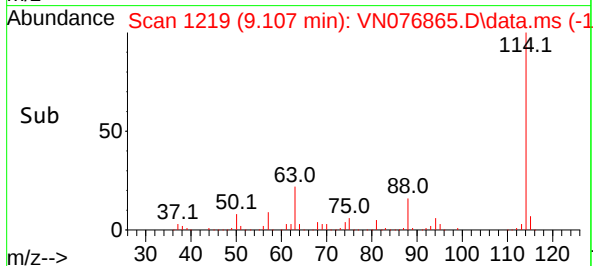
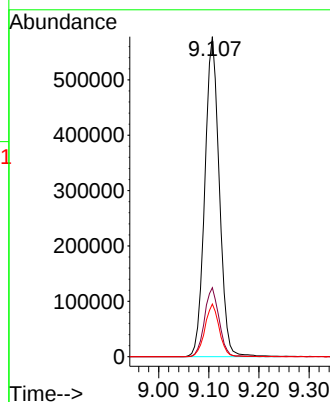
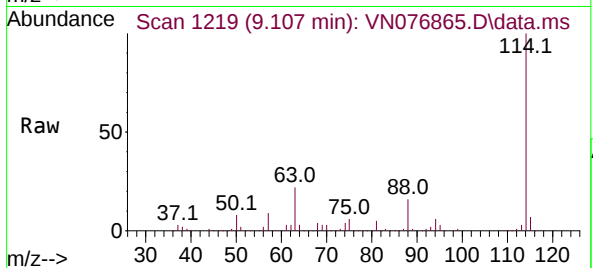
Tgt Ion:114 Resp: 1158127

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.6

88 16.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.521 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076865.D

Acq: 07 Mar 2023 11:31

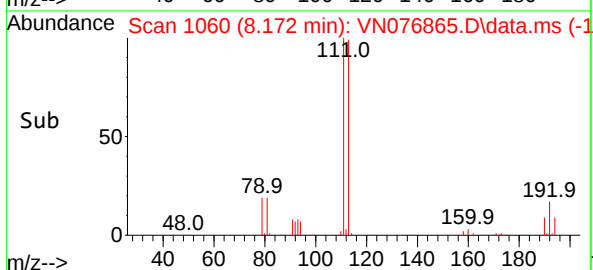
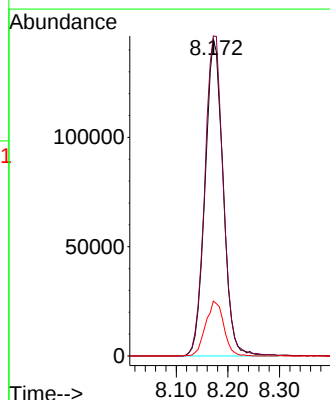
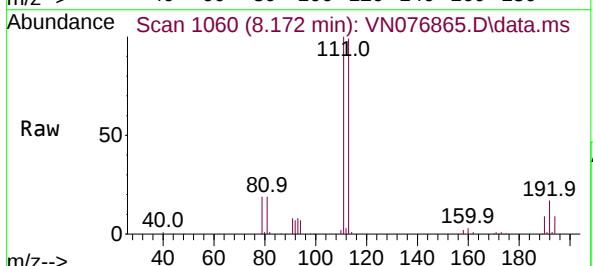
Tgt Ion:113 Resp: 351538

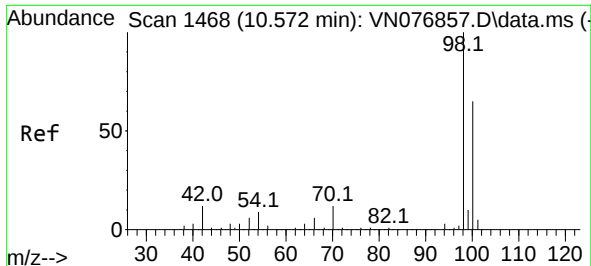
Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 17.4 13.9 20.9

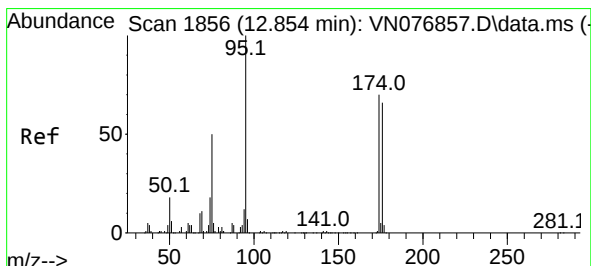
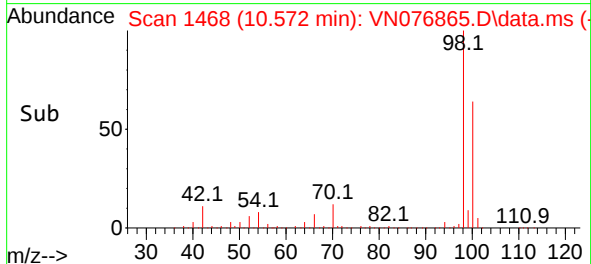
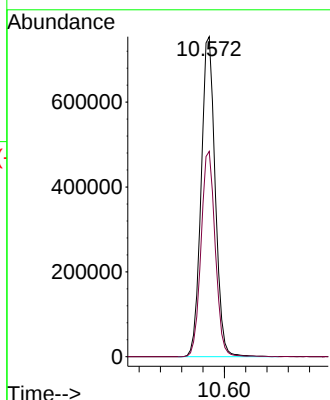
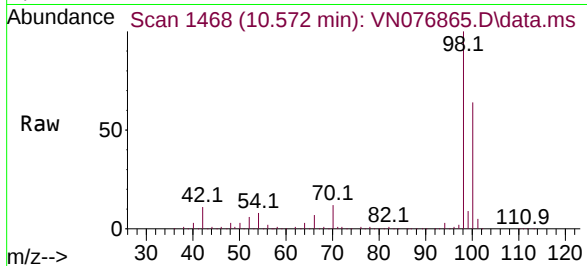




#50
Toluene-d8
Concen: 49.444 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

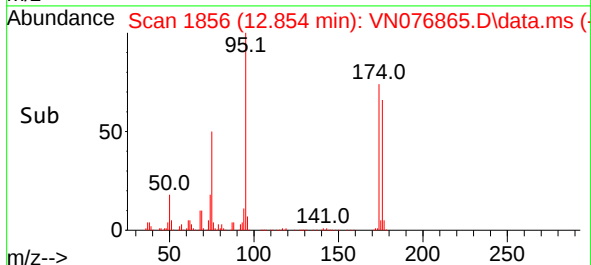
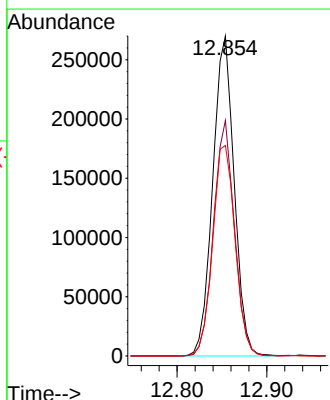
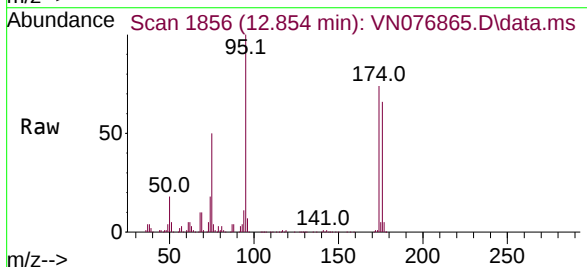
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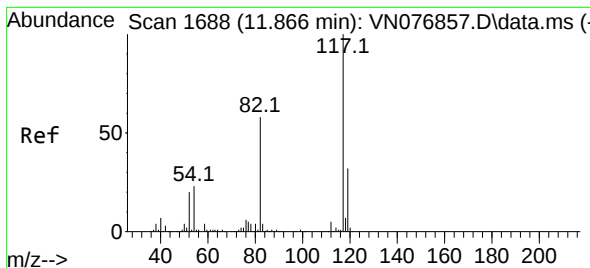
Tgt Ion: 98 Resp: 1380108
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.272 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076865.D
Acq: 07 Mar 2023 11:31

Tgt Ion: 95 Resp: 447552
Ion Ratio Lower Upper
95 100
174 71.9 0.0 162.4
176 68.8 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076865.D

Acq: 07 Mar 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0307WBL01

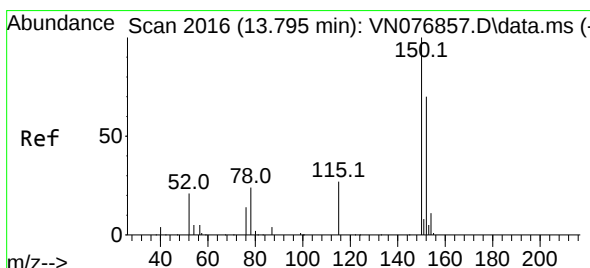
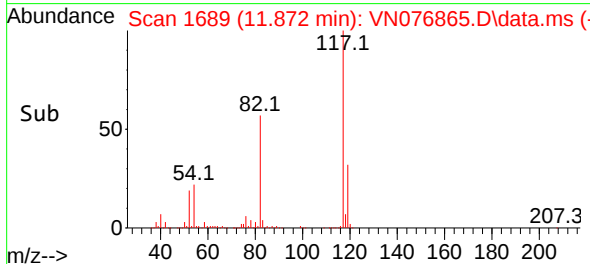
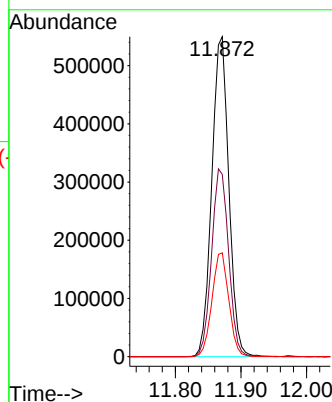
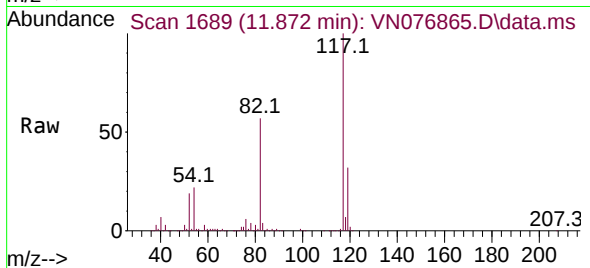
Tgt Ion:117 Resp: 991196

Ion Ratio Lower Upper

117 100

82 57.0 43.5 65.3

119 32.4 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: VN076865.D

Acq: 07 Mar 2023 11:31

Tgt Ion:152 Resp: 388153

Ion Ratio Lower Upper

152 100

115 64.1 30.3 90.9

150 158.4 0.0 353.6

