

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080451.D
 Acq On : 13 Dec 2023 09:58
 Operator : JC\MD
 Sample : VN1213MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1213MBL01

Quant Time: Dec 14 04:02:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	184206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	329834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	348162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149411	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	146057	62.080	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.160%
35) Dibromofluoromethane	8.165	113	123217	58.920	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	117.840%
50) Toluene-d8	10.565	98	434395	55.696	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.400%
62) 4-Bromofluorobenzene	12.847	95	173966	58.740	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.480%

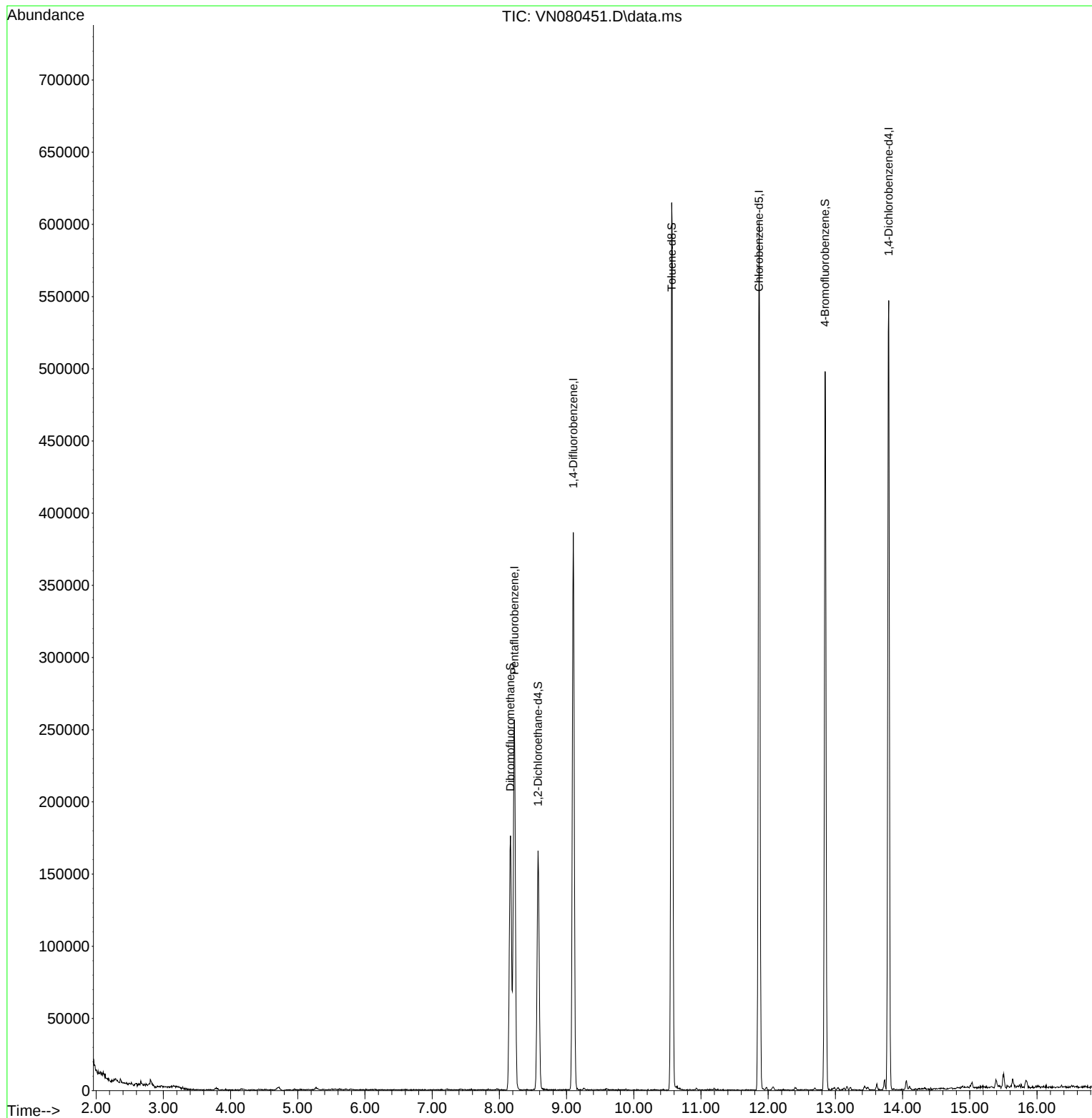
Target Compounds	Qvalue

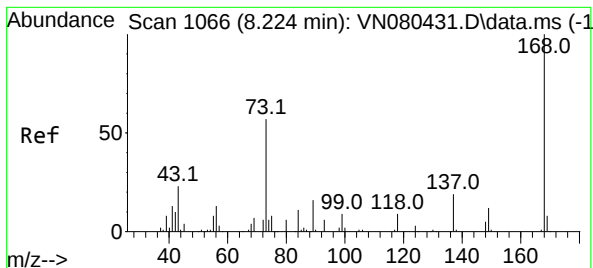
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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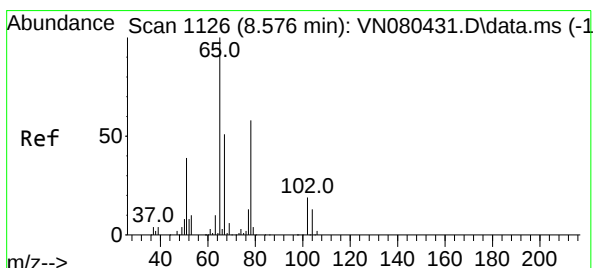
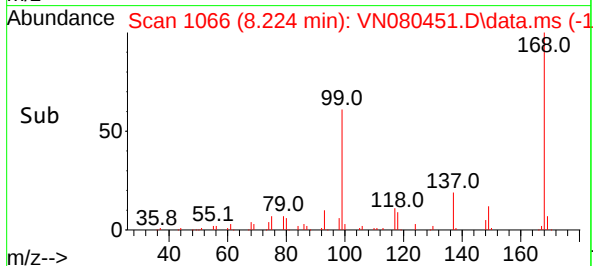
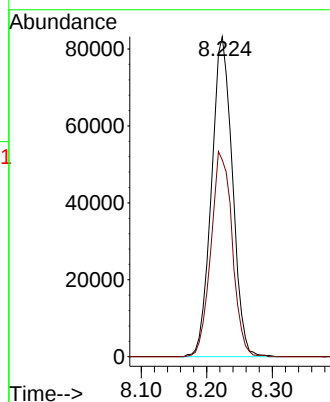
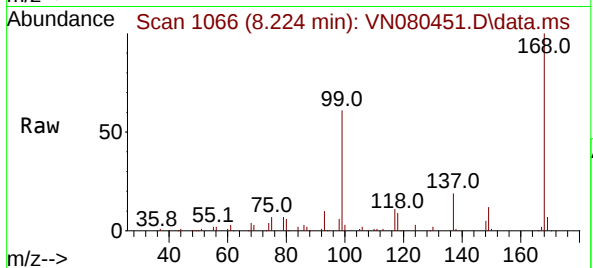




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080451.D
Acq: 13 Dec 2023 09:58

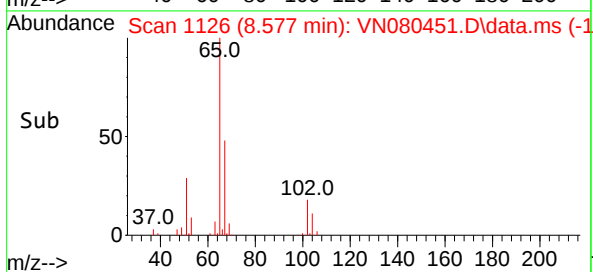
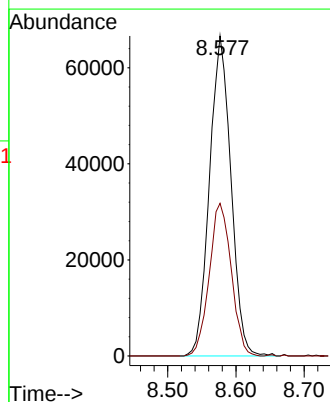
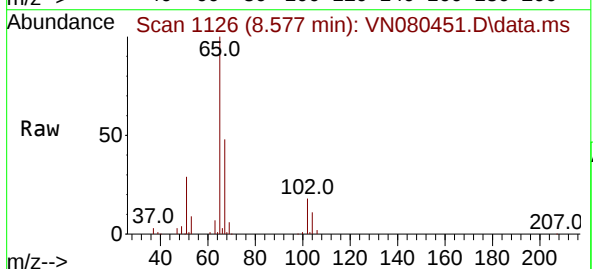
Instrument :
MSVOA_N
ClientSampleId :
VN1213MBL01

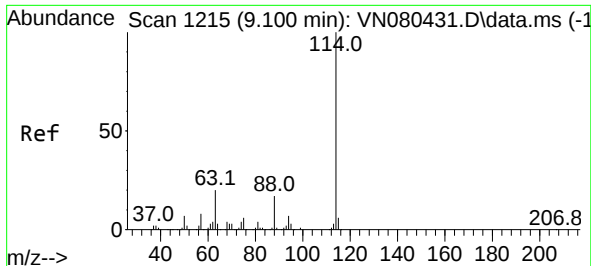
Tgt Ion:168 Resp: 184206
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 62.080 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080451.D
Acq: 13 Dec 2023 09:58

Tgt Ion: 65 Resp: 146057
Ion Ratio Lower Upper
65 100
67 48.9 0.0 106.6

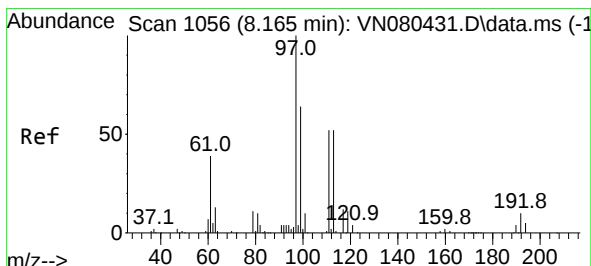
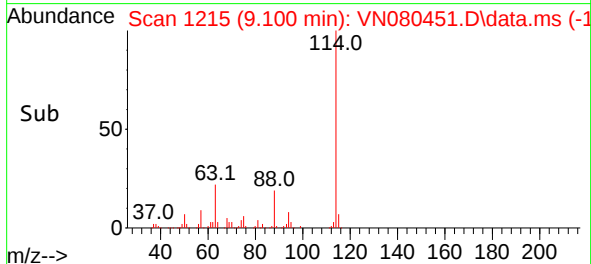
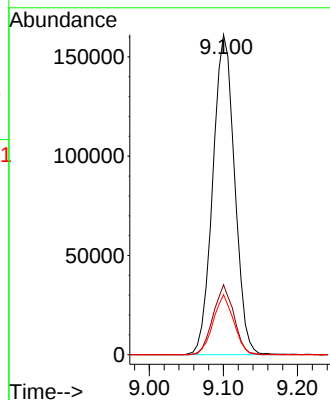
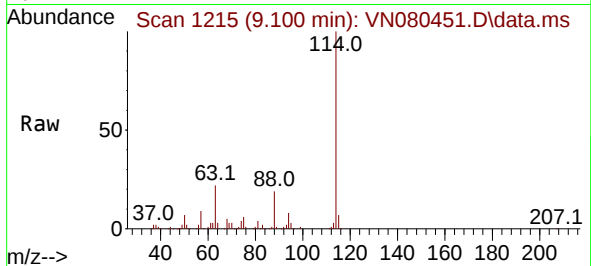




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN080451.D
Acq: 13 Dec 2023 09:58

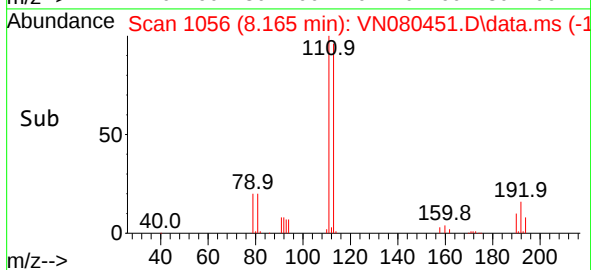
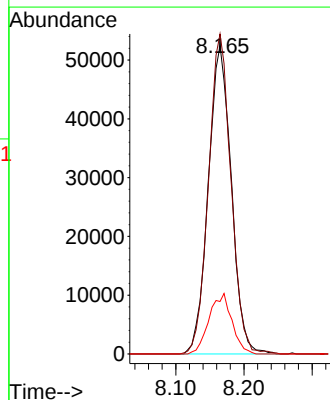
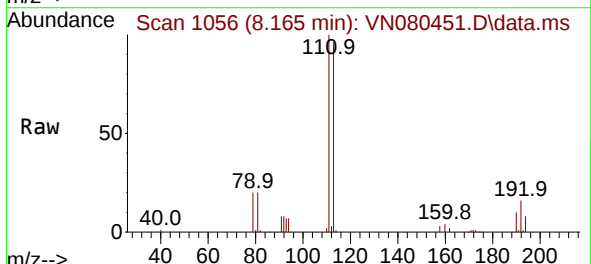
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VN1213MBL01

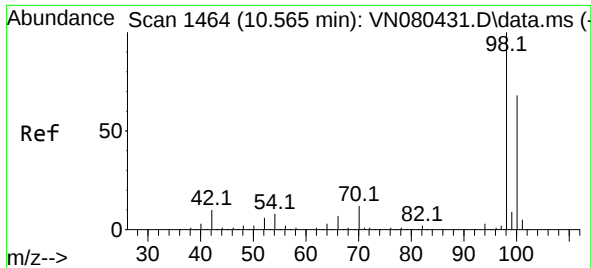
Tgt Ion:114 Resp: 329834
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 18.7 0.0 30.6



#35
Dibromofluoromethane
Concen: 58.920 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080451.D
Acq: 13 Dec 2023 09:58

Tgt Ion:113 Resp: 123217
Ion Ratio Lower Upper
113 100
111 101.2 82.6 123.8
192 19.4 12.7 19.1#

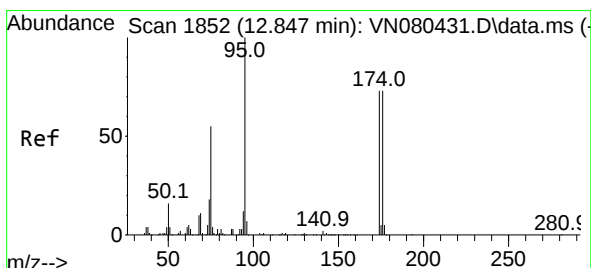
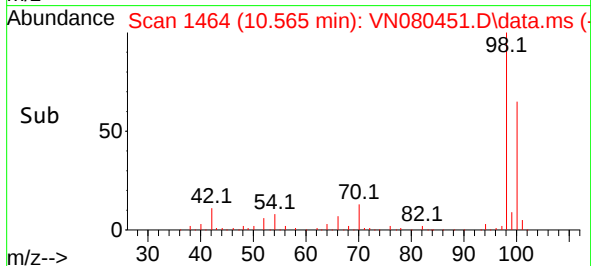
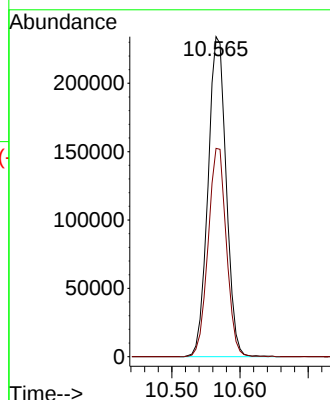
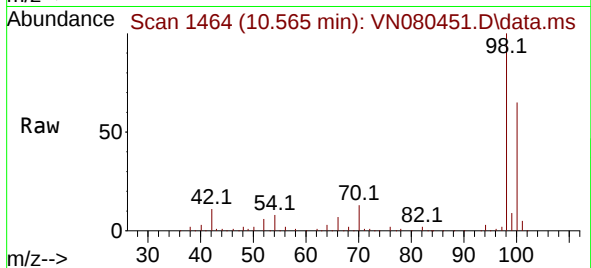




#50
Toluene-d8
Concen: 55.696 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080451.D
Acq: 13 Dec 2023 09:58

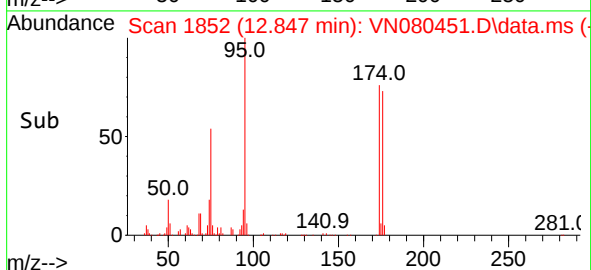
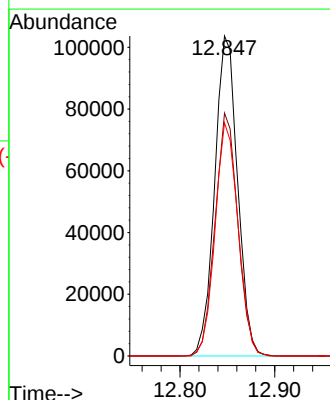
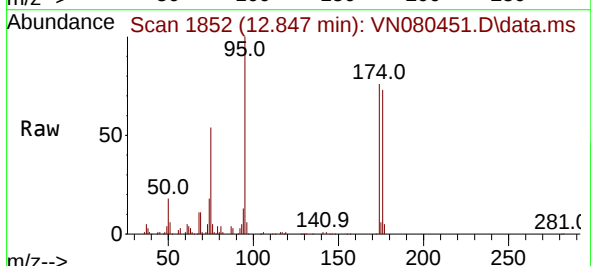
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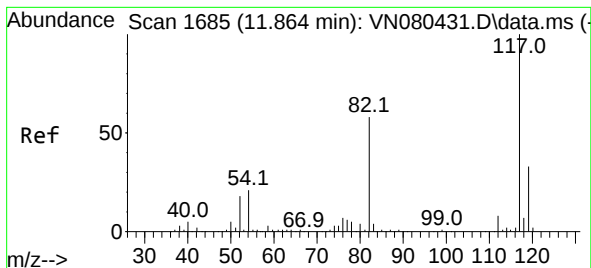
Tgt Ion: 98 Resp: 434395
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.740 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080451.D
Acq: 13 Dec 2023 09:58

Tgt Ion: 95 Resp: 173966
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 73.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080451.D

Acq: 13 Dec 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VN1213MBL01

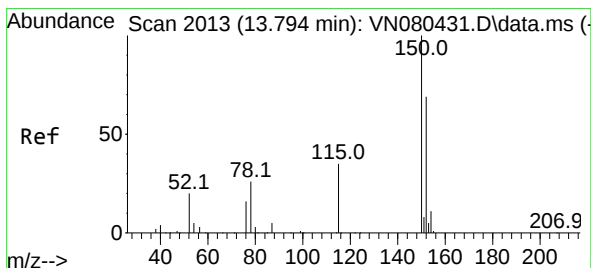
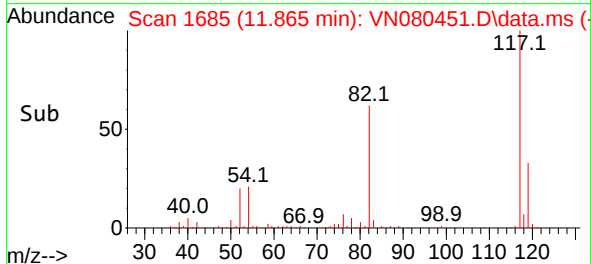
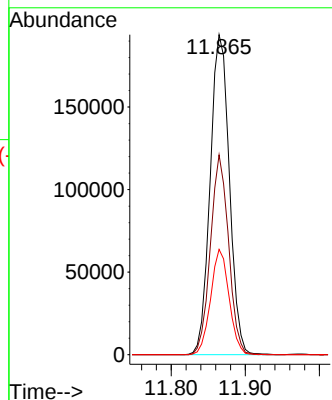
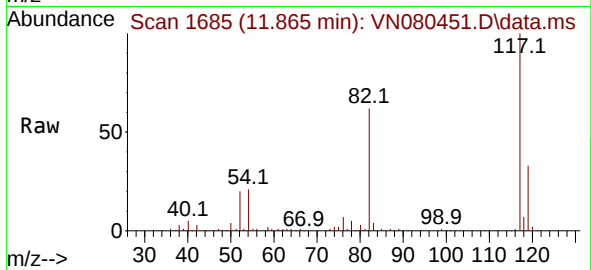
Tgt Ion:117 Resp: 348162

Ion Ratio Lower Upper

117 100

82 62.4 44.0 66.0

119 32.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN080451.D

Acq: 13 Dec 2023 09:58

Tgt Ion:152 Resp: 149411

Ion Ratio Lower Upper

152 100

115 66.0 32.3 96.8

150 158.3 0.0 355.8

