

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022624\
 Data File : VN081186.D
 Acq On : 26 Feb 2024 11:28
 Operator : JC\MD
 Sample : VN0226MBL01
 Misc : 5.00g/mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0226MBL01

Quant Time: Feb 27 00:04:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	320840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	594841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	500175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	190099	48.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.680%
35) Dibromofluoromethane	8.165	113	160926	47.843	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.680%
50) Toluene-d8	10.565	98	519835	43.513	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	87.020%
62) 4-Bromofluorobenzene	12.847	95	186187	41.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.960%#

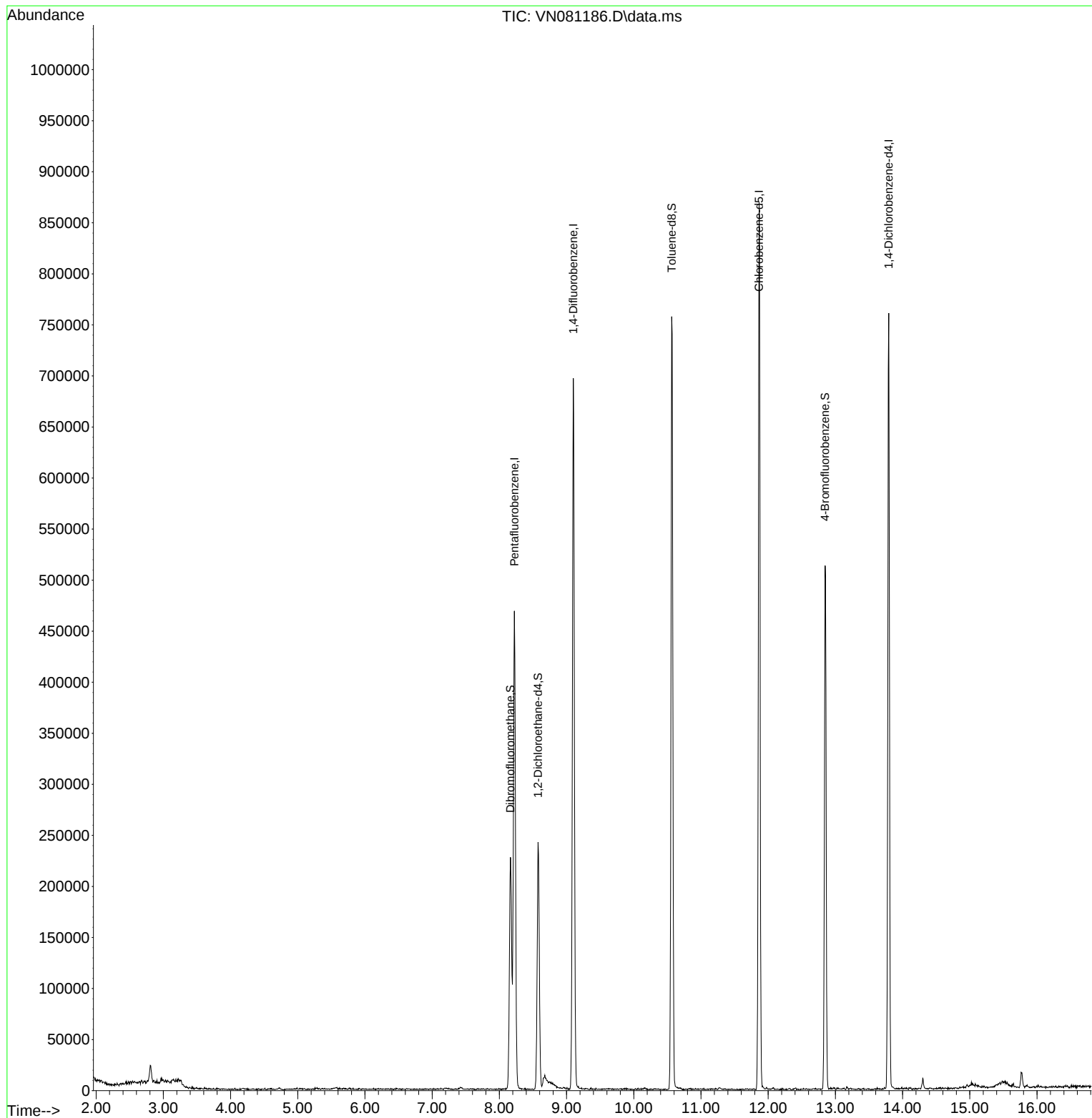
Target Compounds	Qvalue

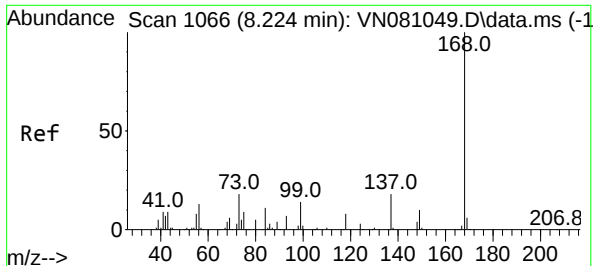
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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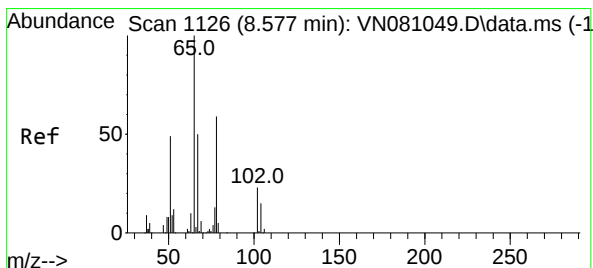
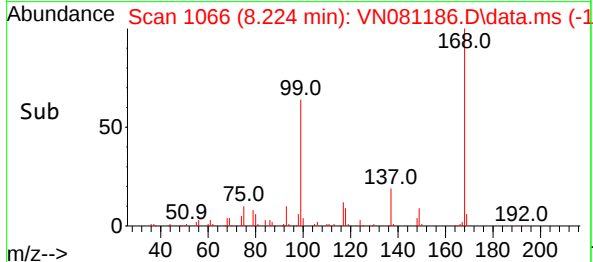
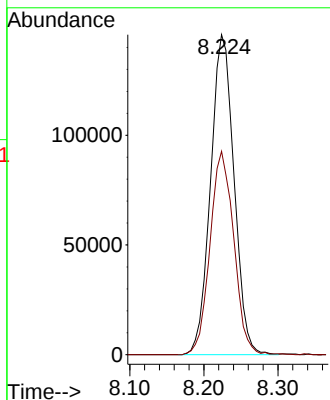
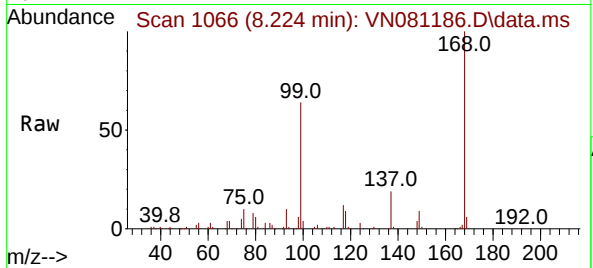




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

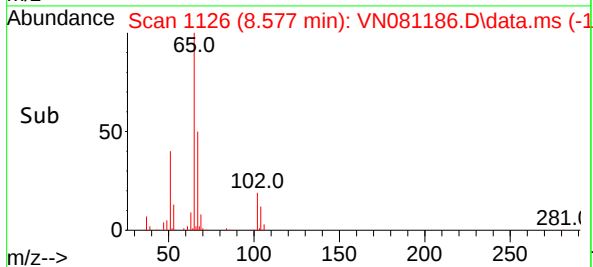
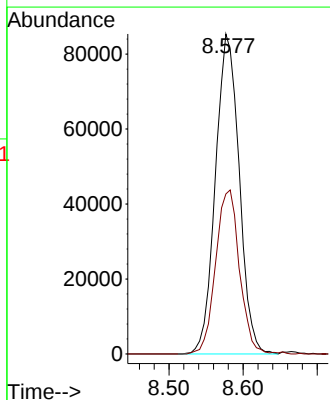
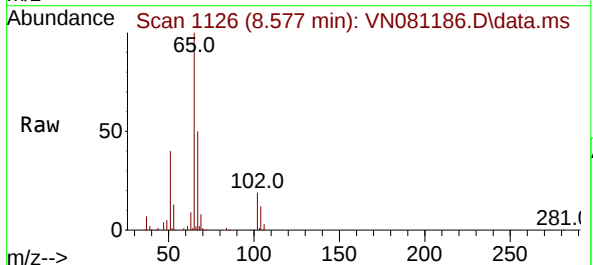
Instrument :
MSVOA_N
ClientSampleId :
VN0226MBL01

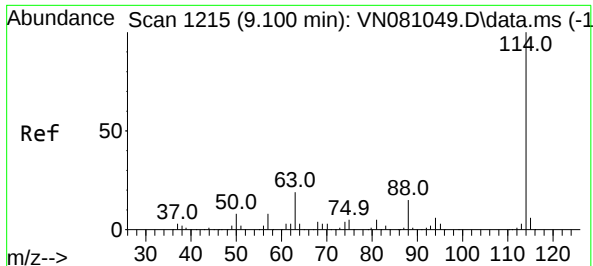
Tgt Ion:168 Resp: 320840
Ion Ratio Lower Upper
168 100
99 63.6 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 48.339 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Tgt Ion: 65 Resp: 190099
Ion Ratio Lower Upper
65 100
67 51.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081186.D

Acq: 26 Feb 2024 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0226MBL01

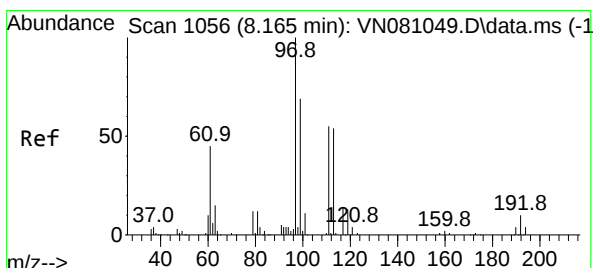
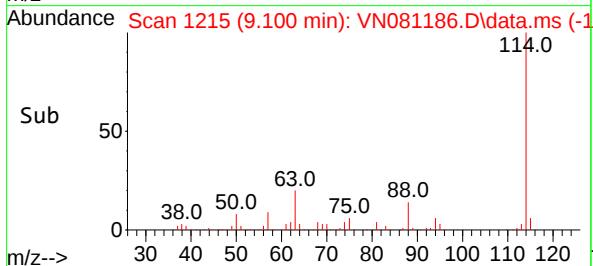
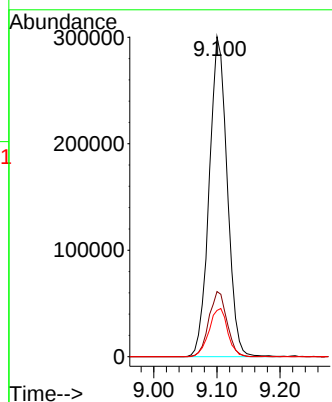
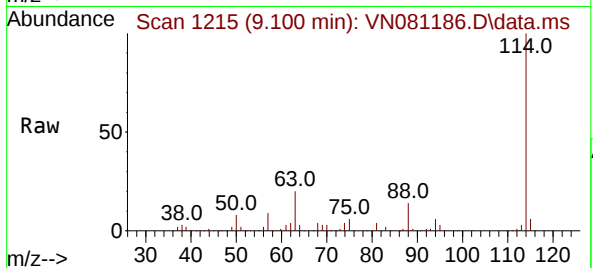
Tgt Ion:114 Resp: 594841

Ion Ratio Lower Upper

114 100

63 20.4 0.0 48.0

88 14.5 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.843 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081186.D

Acq: 26 Feb 2024 11:28

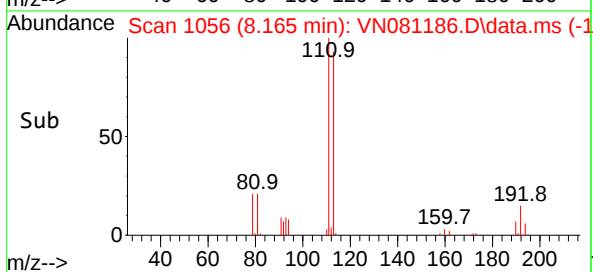
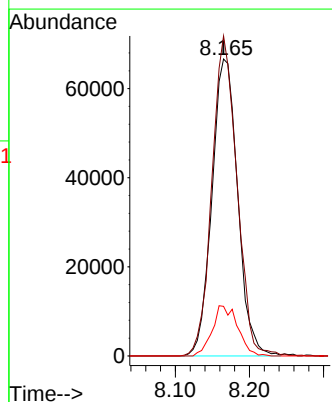
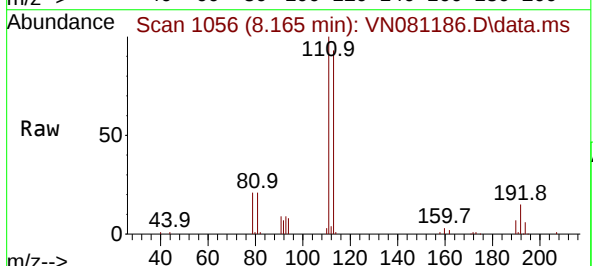
Tgt Ion:113 Resp: 160926

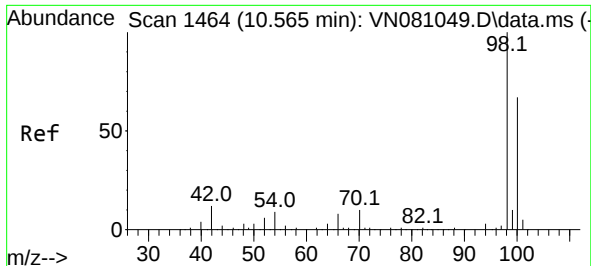
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 16.7 12.5 18.7

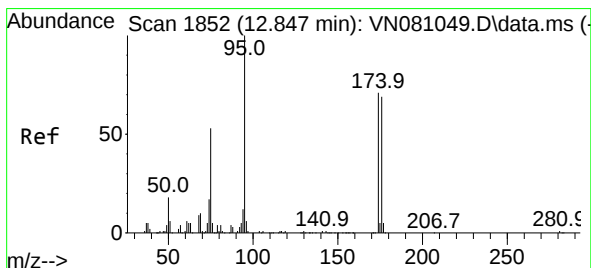
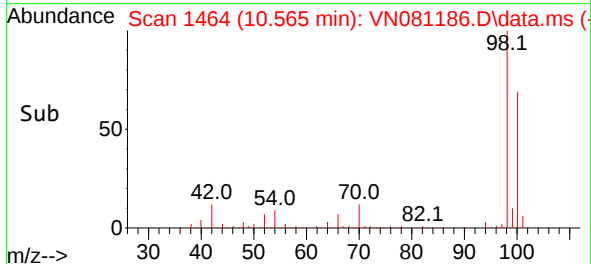
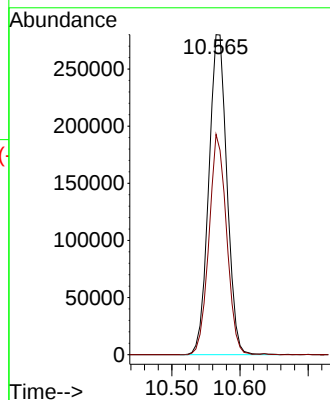
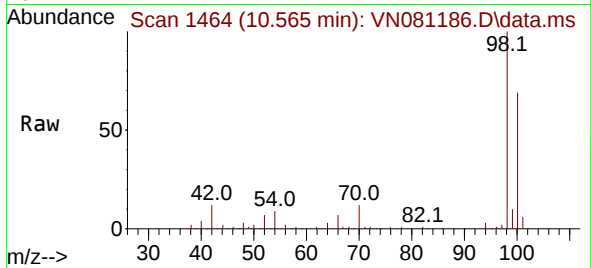




#50
Toluene-d8
Concen: 43.513 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

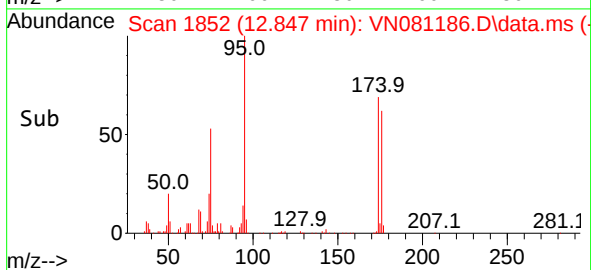
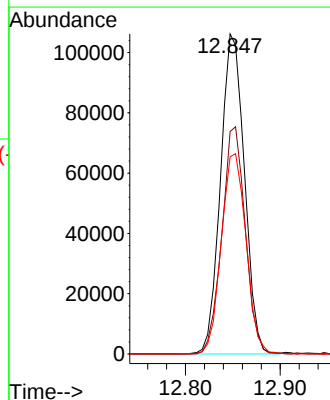
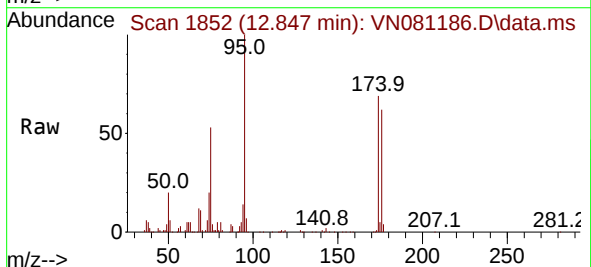
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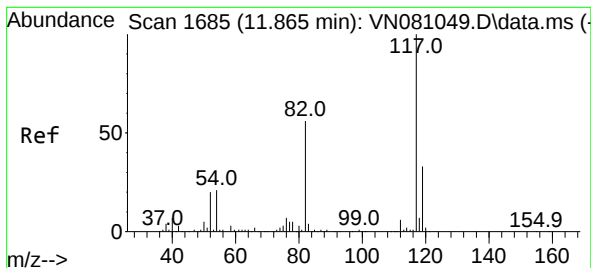
Tgt Ion: 98 Resp: 519835
Ion Ratio Lower Upper
98 100
100 66.6 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 41.476 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN081186.D
Acq: 26 Feb 2024 11:28

Tgt Ion: 95 Resp: 186187
Ion Ratio Lower Upper
95 100
174 69.2 0.0 120.4
176 64.7 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081186.D

Acq: 26 Feb 2024 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0226MBL01

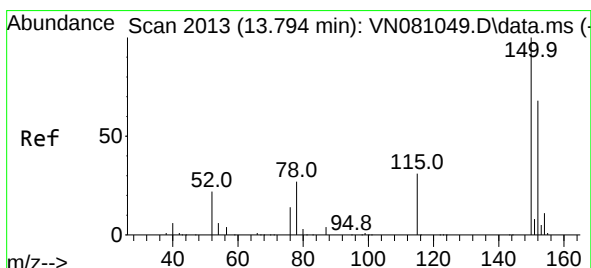
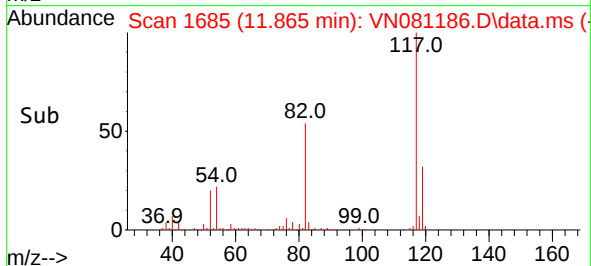
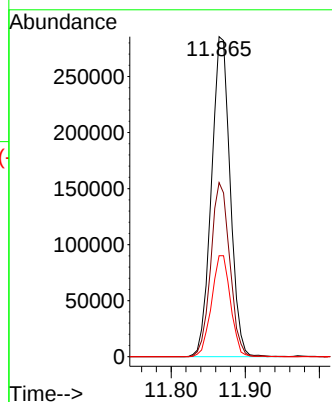
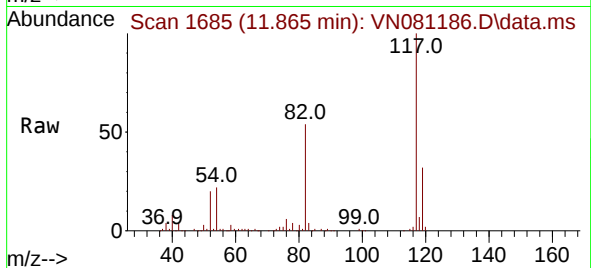
Tgt Ion:117 Resp: 500175

Ion Ratio Lower Upper

117 100

82 54.4 52.7 79.1

119 31.5 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081186.D

Acq: 26 Feb 2024 11:28

Tgt Ion:152 Resp: 197326

Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 156.3 0.0 339.8

