

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081403.D
 Acq On : 14 Mar 2024 12:20
 Operator : JC\MD
 Sample : VN0314WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBL01

Quant Time: Mar 15 01:10:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	317492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	501625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	187883	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	240724	52.439	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.880%
35) Dibromofluoromethane	8.165	113	184528	51.598	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.200%
50) Toluene-d8	10.571	98	692484	51.798	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.600%
62) 4-Bromofluorobenzene	12.853	95	212308	44.932	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.860%

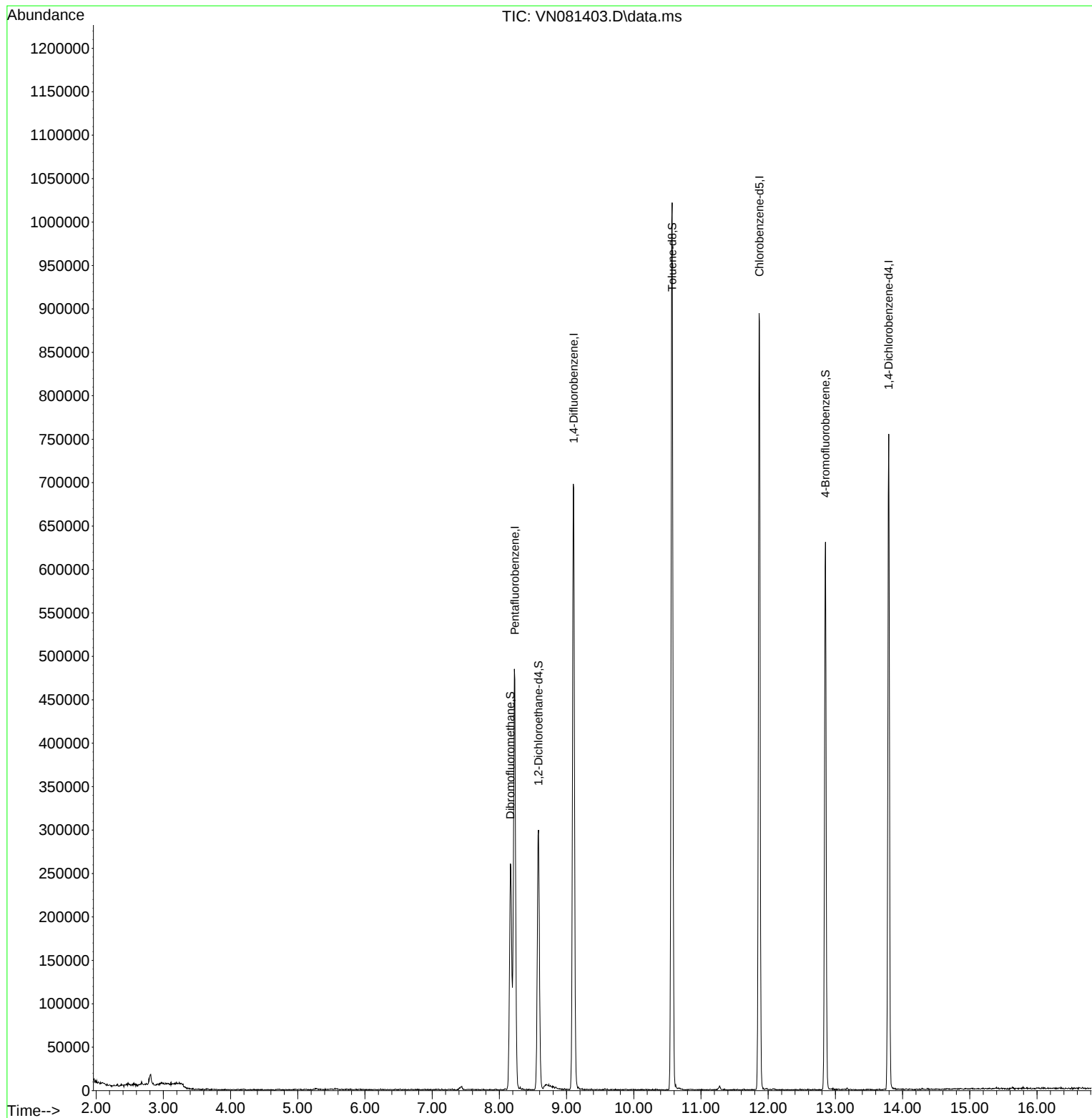
Target Compounds	Qvalue

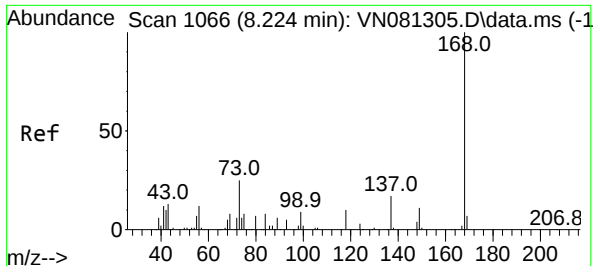
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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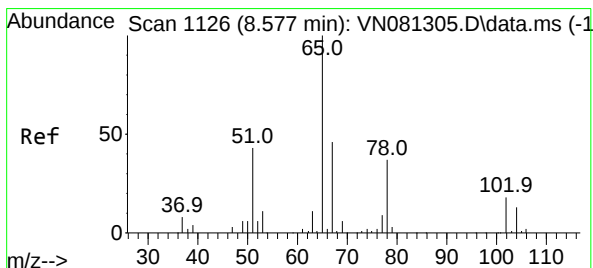
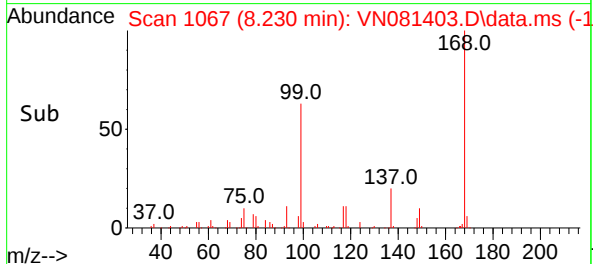
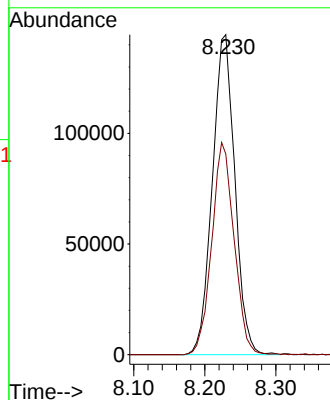
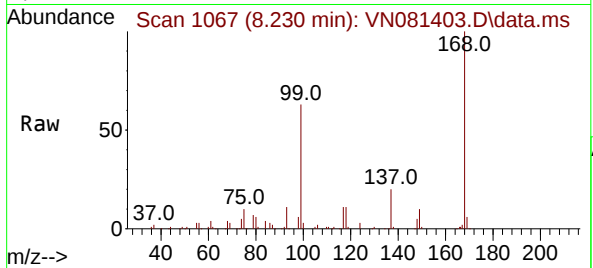




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

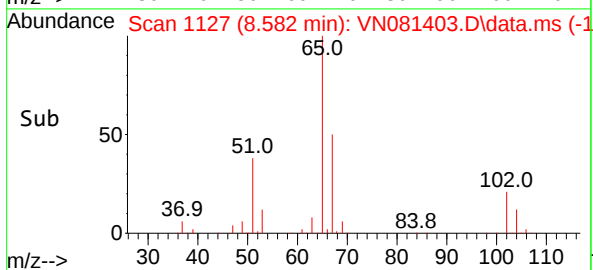
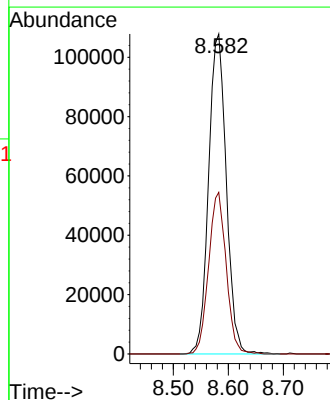
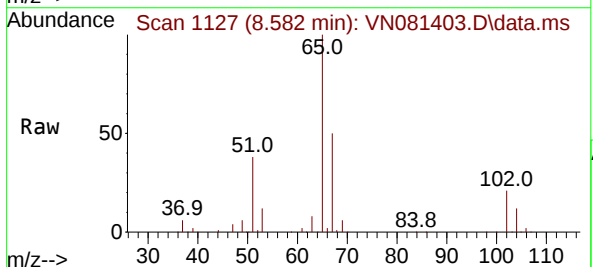
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBL01

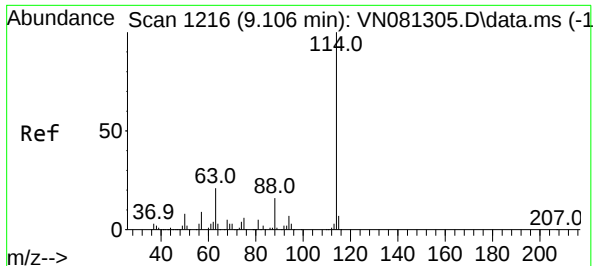
Tgt Ion:168 Resp: 317492
Ion Ratio Lower Upper
168 100
99 62.7 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 52.439 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

Tgt Ion: 65 Resp: 240724
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081403.D

Acq: 14 Mar 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBL01

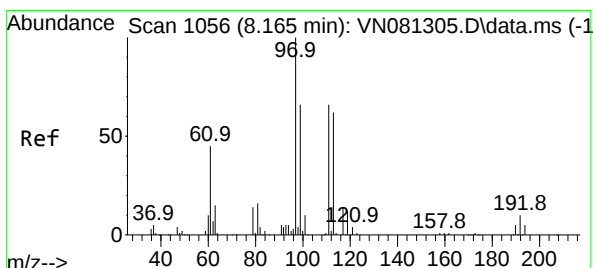
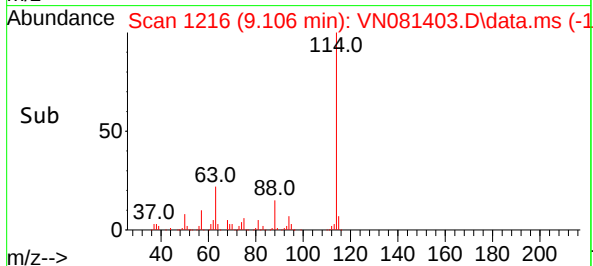
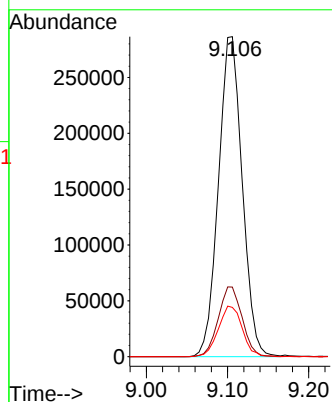
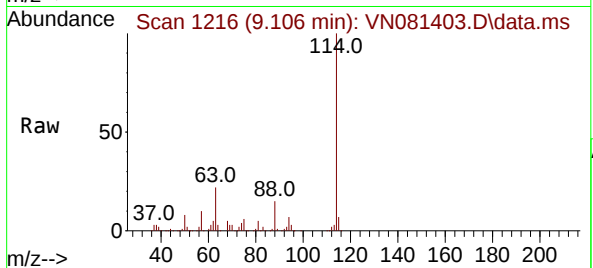
Tgt Ion:114 Resp: 583725

Ion Ratio Lower Upper

114 100

63 21.7 0.0 48.0

88 15.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 51.598 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN081403.D

Acq: 14 Mar 2024 12:20

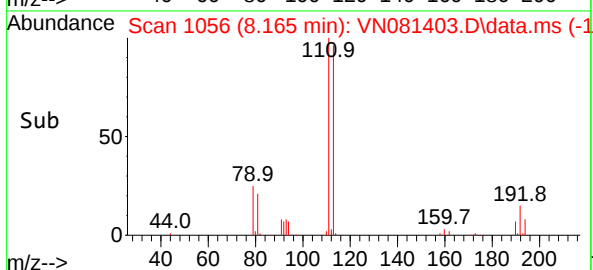
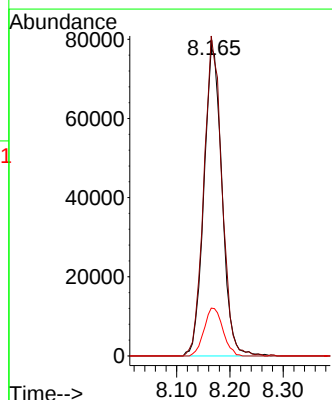
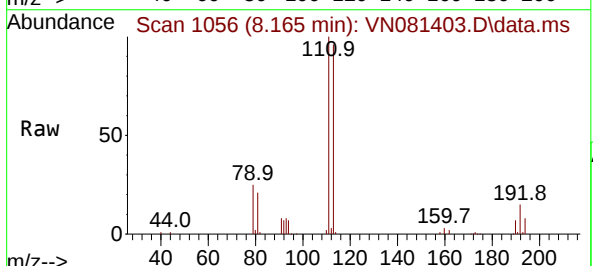
Tgt Ion:113 Resp: 184528

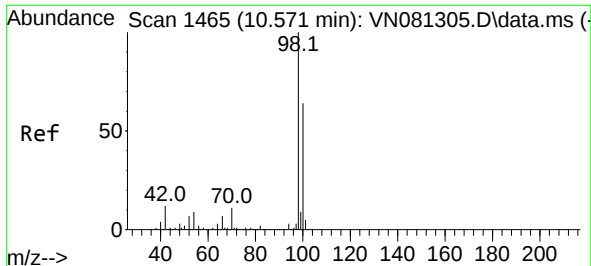
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 16.1 12.5 18.7

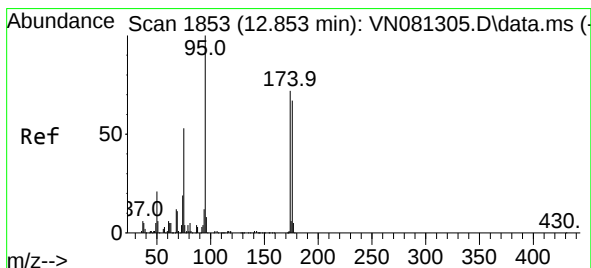
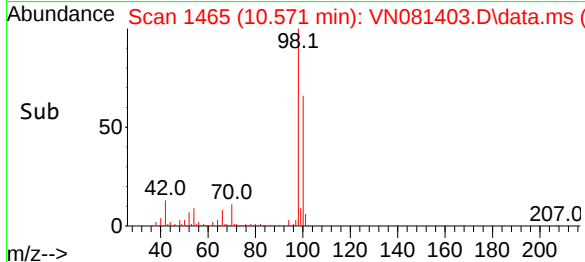
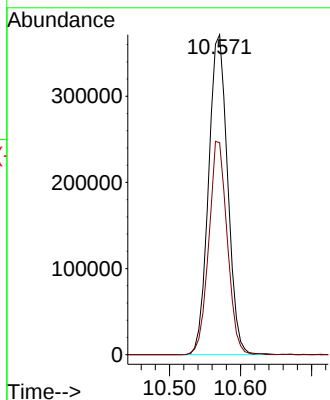
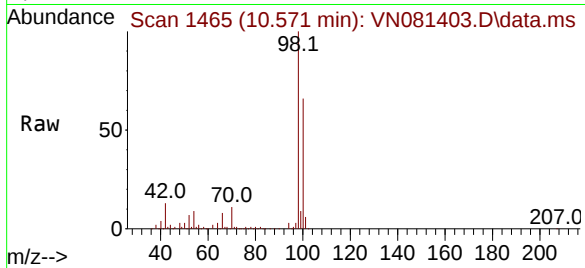




#50
Toluene-d8
Concen: 51.798 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

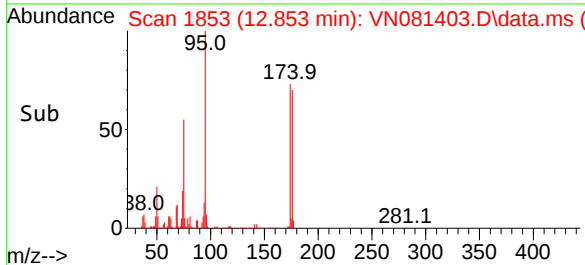
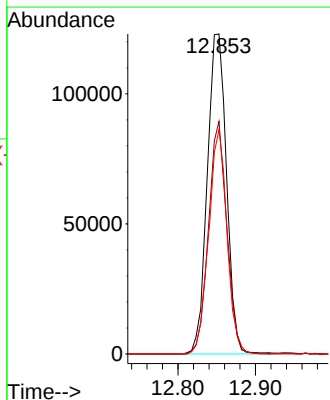
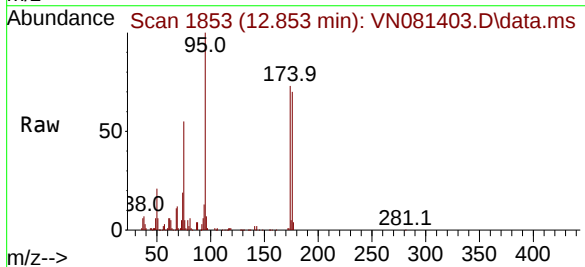
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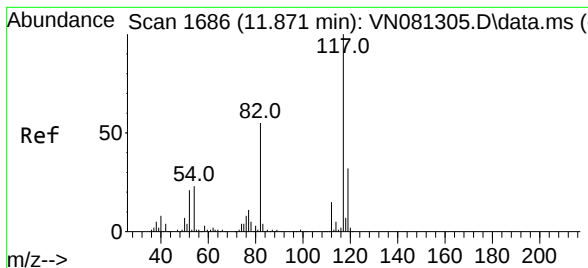
Tgt Ion: 98 Resp: 692484
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.932 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081403.D
Acq: 14 Mar 2024 12:20

Tgt Ion: 95 Resp: 212308
Ion Ratio Lower Upper
95 100
174 69.0 0.0 120.4
176 66.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081403.D

Acq: 14 Mar 2024 12:20

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBL01

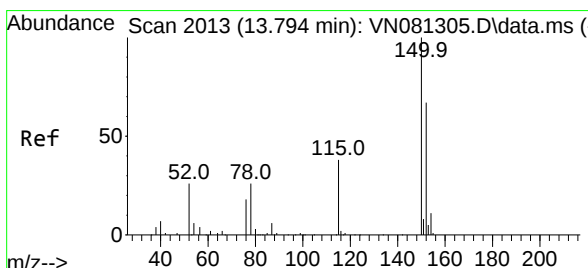
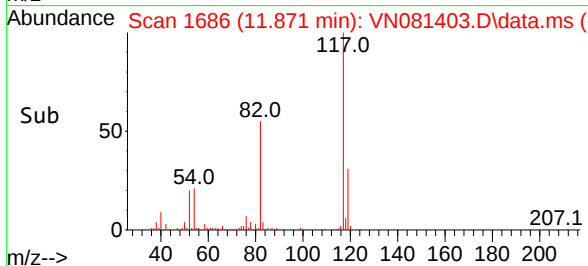
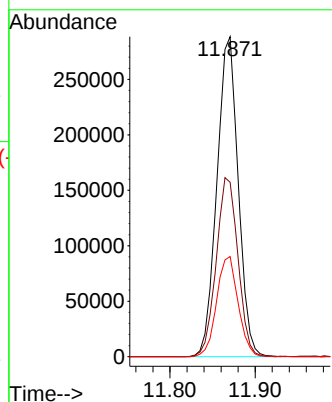
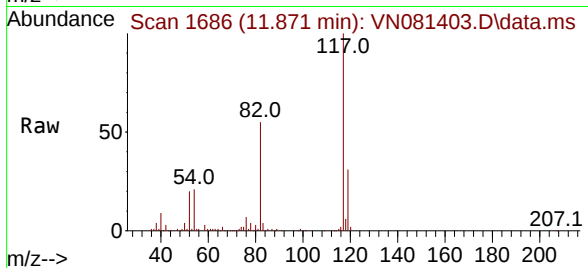
Tgt Ion:117 Resp: 501625

Ion Ratio Lower Upper

117 100

82 54.5 52.7 79.1

119 31.3 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: VN081403.D

Acq: 14 Mar 2024 12:20

Tgt Ion:152 Resp: 187883

Ion Ratio Lower Upper

152 100

115 63.9 32.3 96.8

150 157.1 0.0 339.8

