

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080824\
 Data File : VN083153.D
 Acq On : 08 Aug 2024 14:10
 Operator : JC\MD
 Sample : P3415-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01

Quant Time: Aug 08 14:39:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121879	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	114293	56.271	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.540%
35) Dibromofluoromethane	8.171	113	92166	54.047	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.100%
50) Toluene-d8	10.565	98	354060	55.660	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.320%
62) 4-Bromofluorobenzene	12.847	95	146136	58.928	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	117.860%

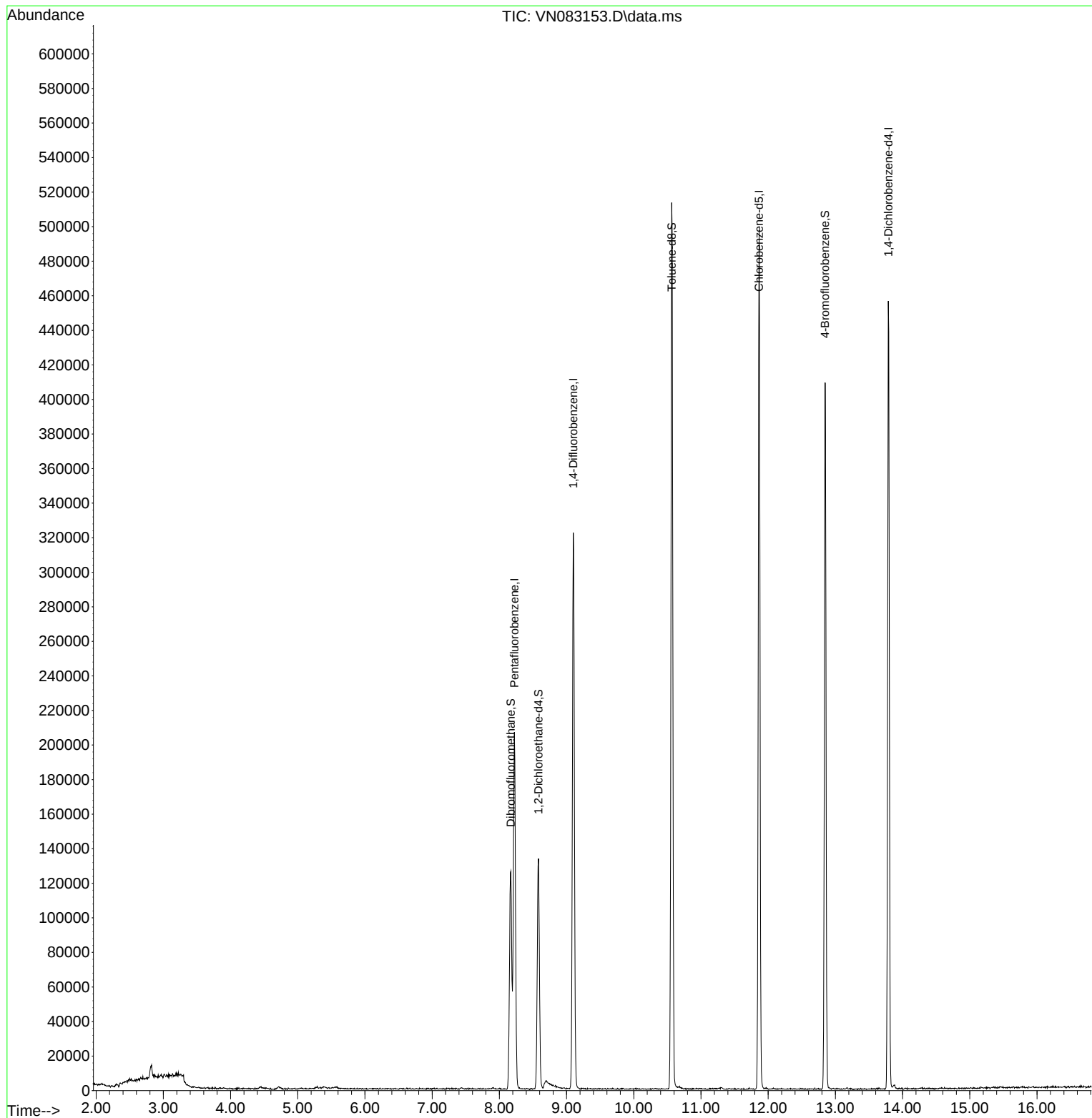
Target Compounds	Qvalue

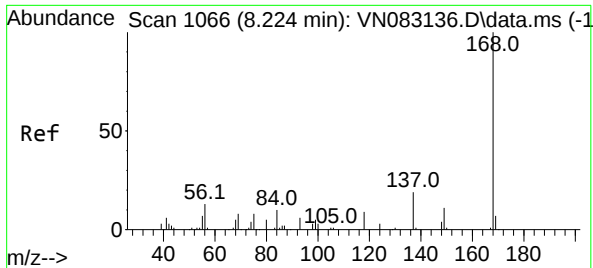
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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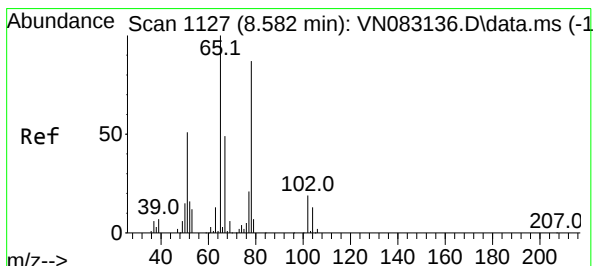
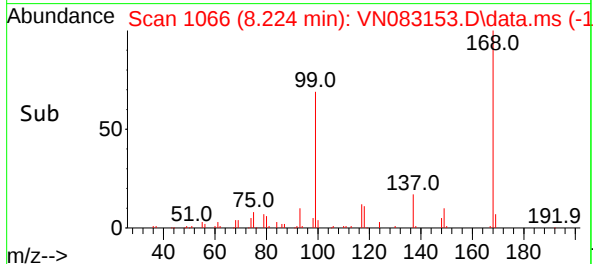
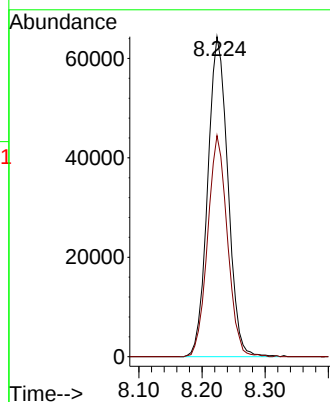
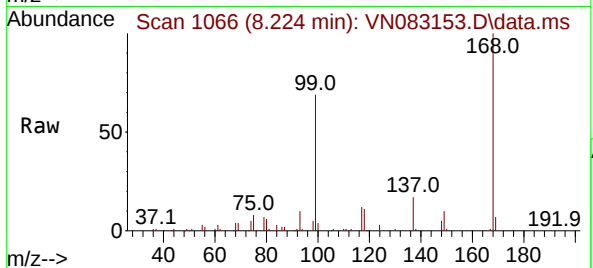




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083153.D
Acq: 08 Aug 2024 14:10

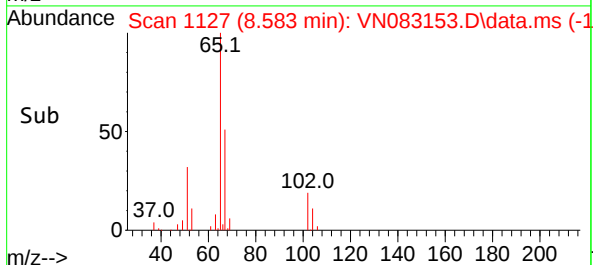
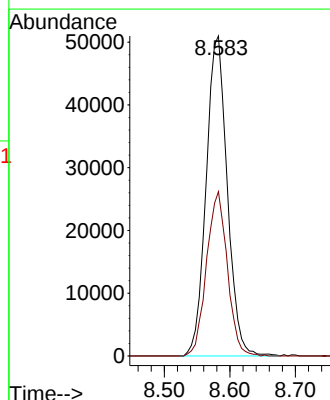
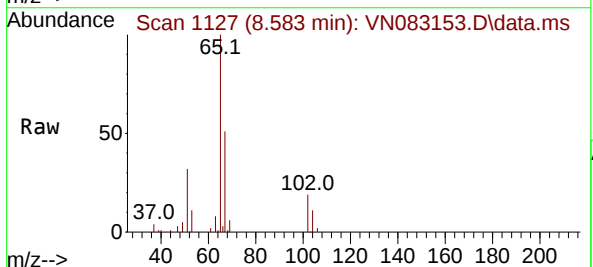
Instrument :
MSVOA_N
ClientSampleId :
TB-01

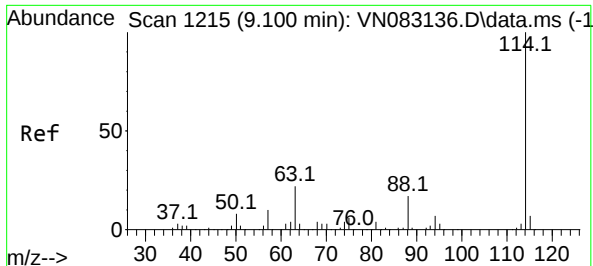
Tgt Ion:168 Resp: 142697
Ion Ratio Lower Upper
168 100
99 69.1 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.271 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083153.D
Acq: 08 Aug 2024 14:10

Tgt Ion: 65 Resp: 114293
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4

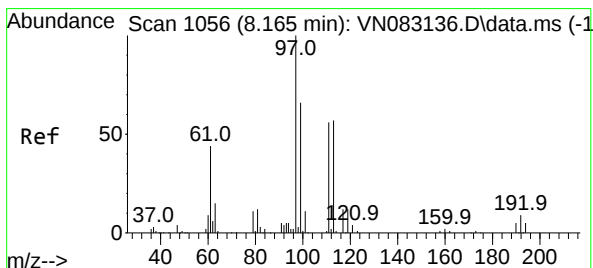
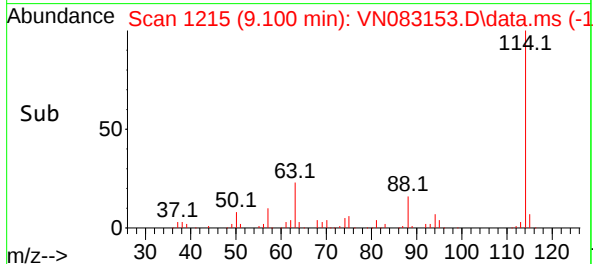
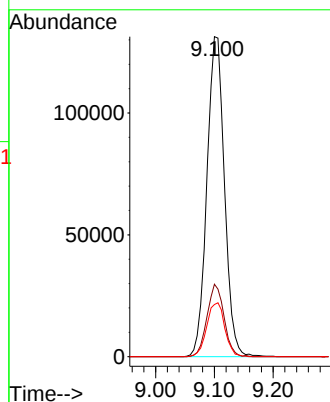
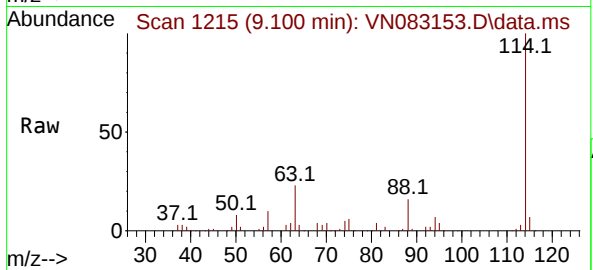




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083153.D
Acq: 08 Aug 2024 14:10

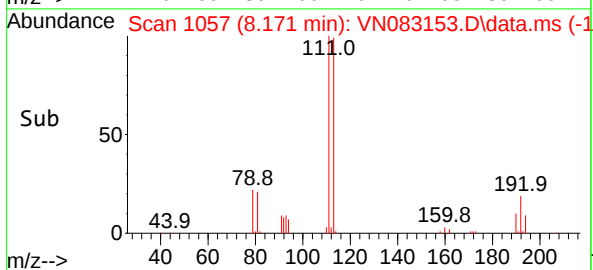
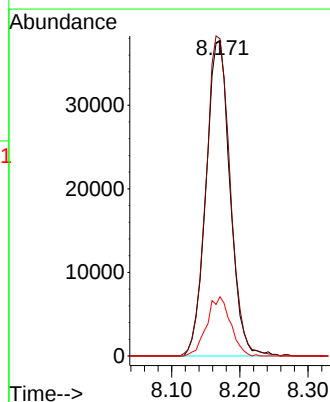
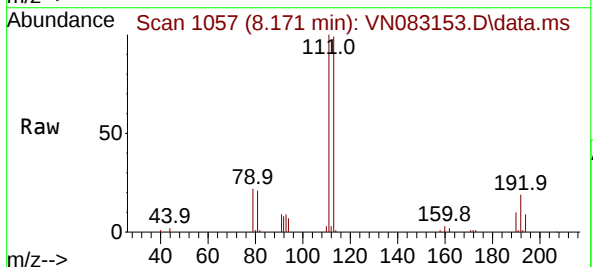
Instrument :
MSVOA_N
ClientSampleId :
TB-01

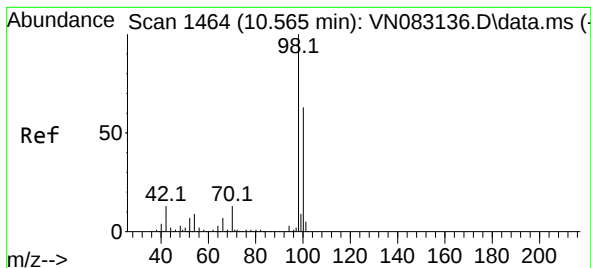
Tgt Ion:114 Resp: 273204
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.6
88 16.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.047 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN083153.D
Acq: 08 Aug 2024 14:10

Tgt Ion:113 Resp: 92166
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 18.6 14.9 22.3





#50

Toluene-d8

Concen: 55.660 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083153.D

Acq: 08 Aug 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

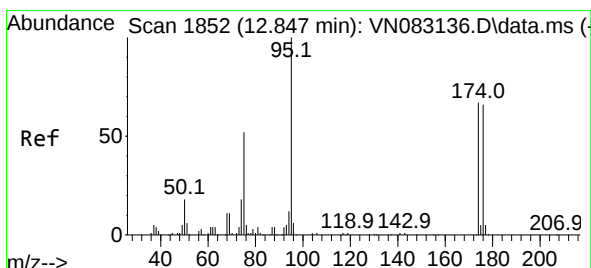
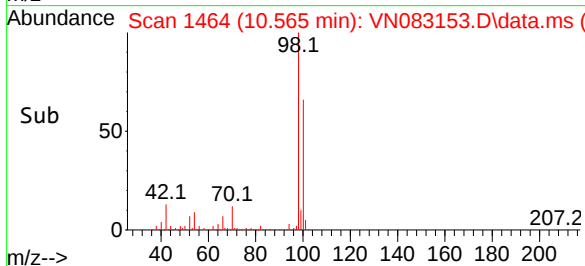
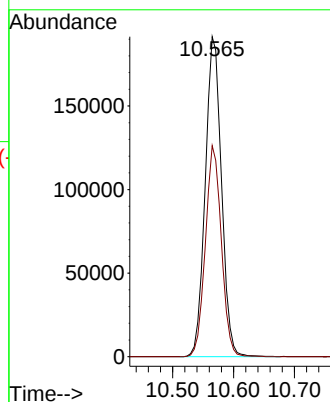
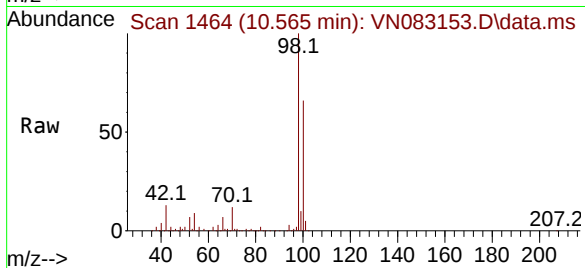
TB-01

Tgt Ion: 98 Resp: 354060

Ion Ratio Lower Upper

98 100

100 64.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 58.928 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083153.D

Acq: 08 Aug 2024 14:10

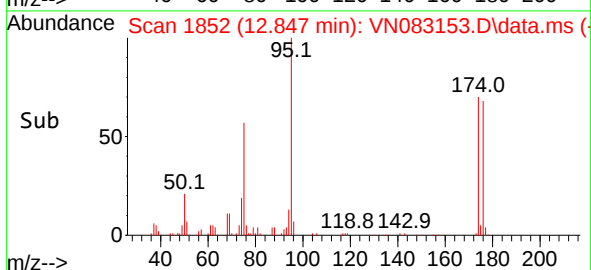
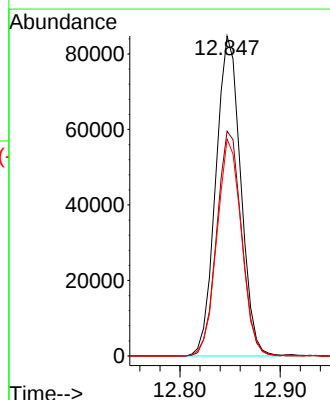
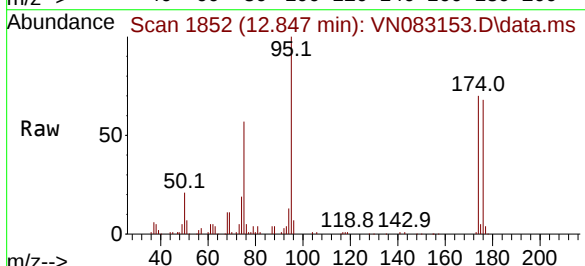
Tgt Ion: 95 Resp: 146136

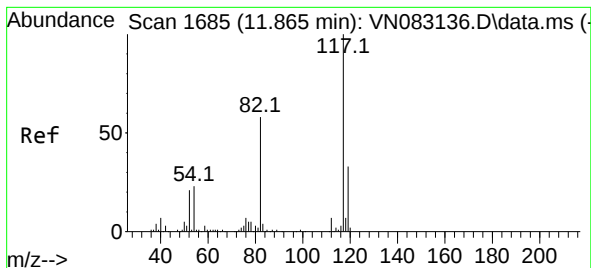
Ion Ratio Lower Upper

95 100

174 70.0 0.0 159.2

176 66.9 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083153.D

Acq: 08 Aug 2024 14:10

Instrument :

MSVOA_N

ClientSampleId :

TB-01

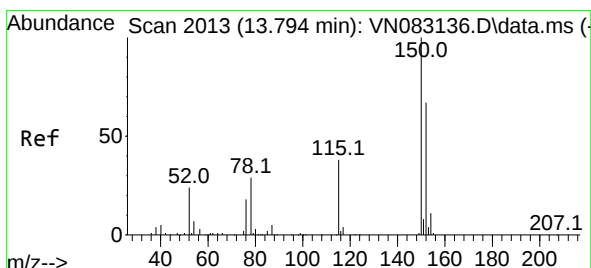
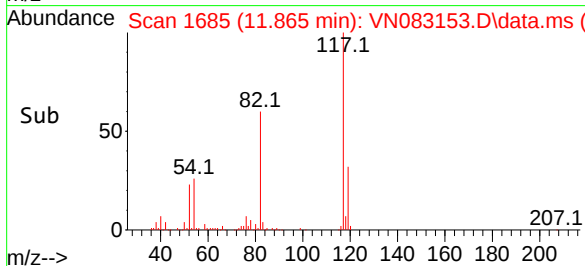
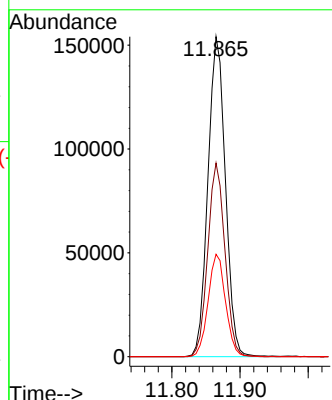
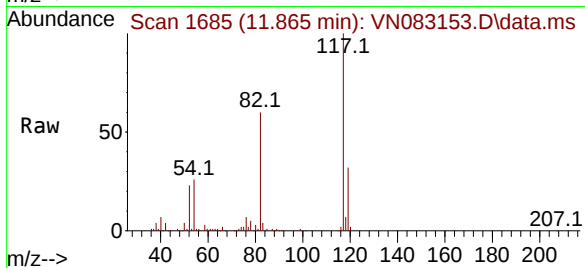
Tgt Ion:117 Resp: 275019

Ion Ratio Lower Upper

117 100

82 60.5 47.5 71.3

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN083153.D

Acq: 08 Aug 2024 14:10

Tgt Ion:152 Resp: 121879

Ion Ratio Lower Upper

152 100

115 64.7 30.6 91.6

150 156.8 0.0 348.6

