

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081565.D
 Acq On : 25 Mar 2024 16:29
 Operator : JC\MD
 Sample : P1838-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240321

Quant Time: Mar 26 01:21:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	410558	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	734443	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	660154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263197	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	270443	51.654	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.300%
35) Dibromofluoromethane	8.165	113	230304	49.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.380%
50) Toluene-d8	10.565	98	865966	51.683	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.360%
62) 4-Bromofluorobenzene	12.853	95	271791	46.036	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	92.080%

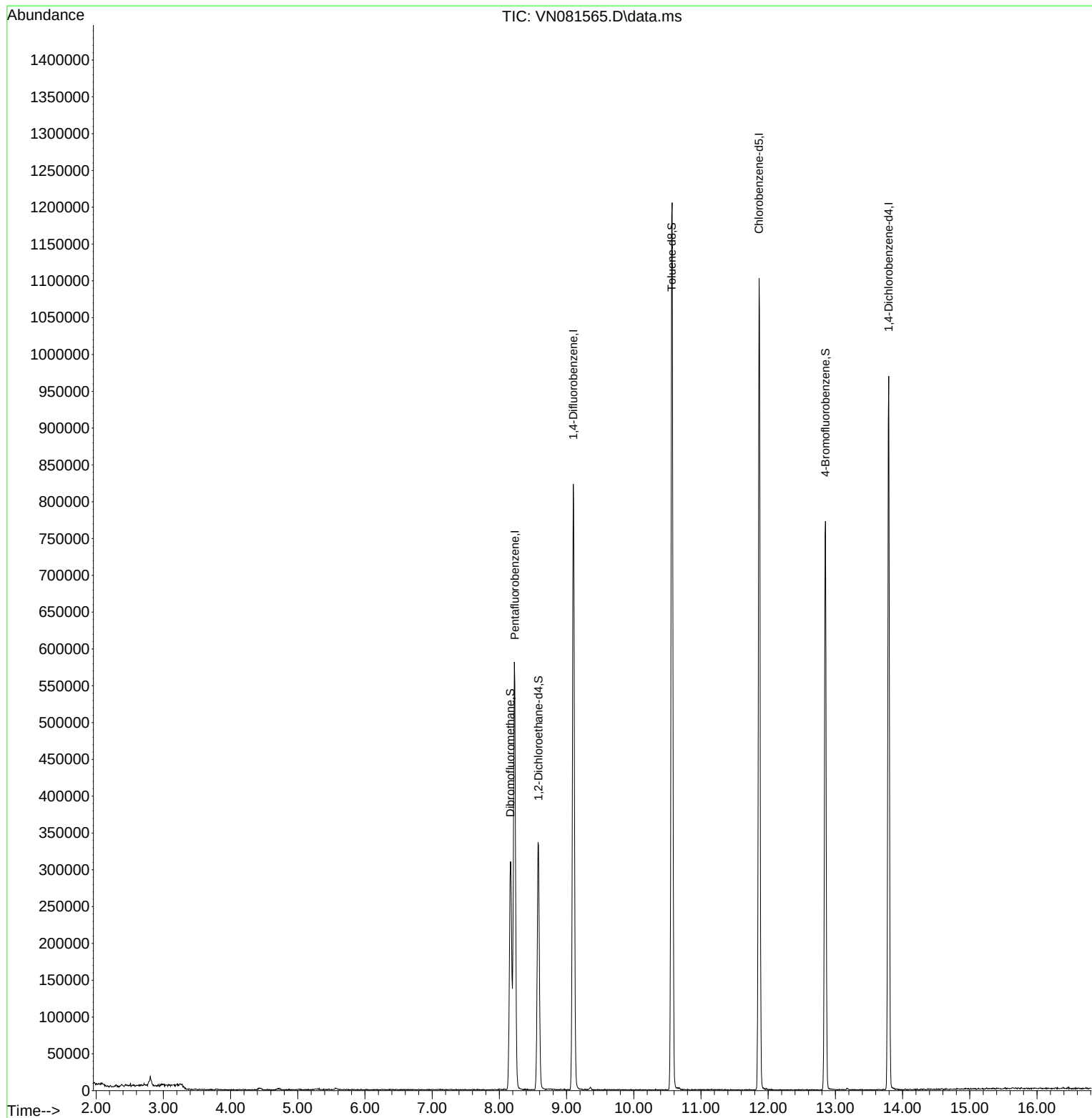
Target Compounds	Qvalue

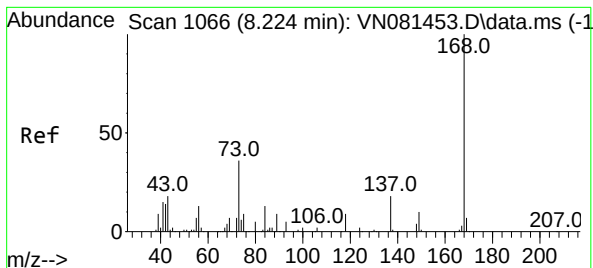
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081565.D

Acq: 25 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

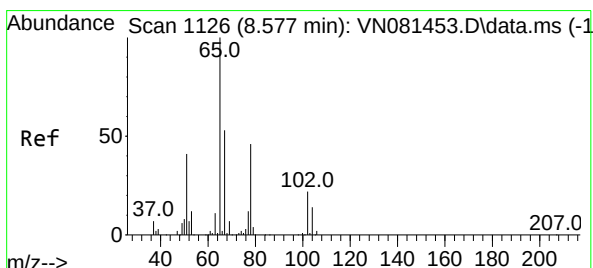
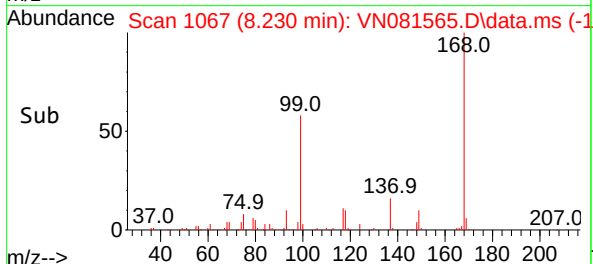
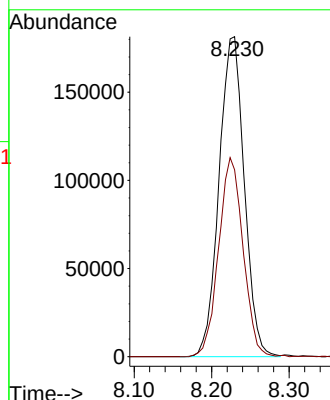
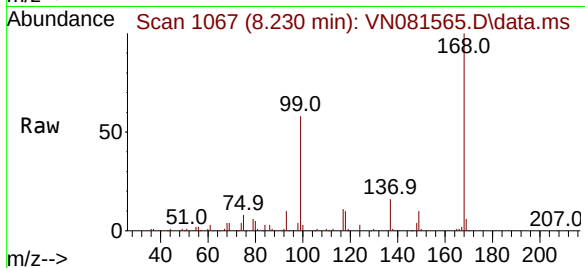
TB-20240321

Tgt Ion:168 Resp: 410558

Ion Ratio Lower Upper

168 100

99 58.4 59.9 89.9#



#33

1,2-Dichloroethane-d4

Concen: 51.654 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081565.D

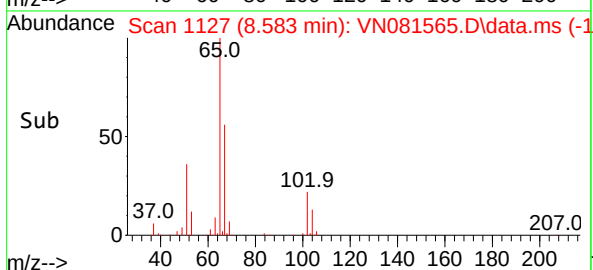
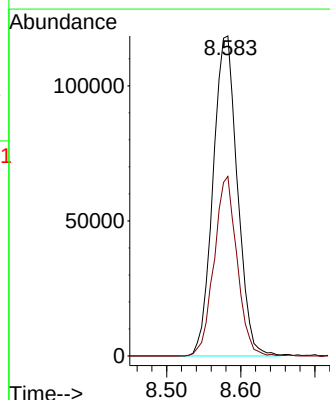
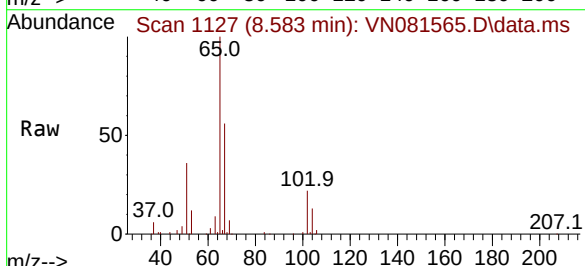
Acq: 25 Mar 2024 16:29

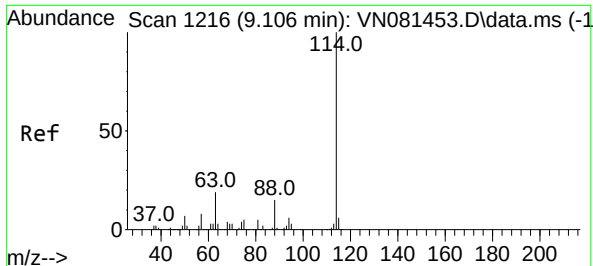
Tgt Ion: 65 Resp: 270443

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081565.D

Acq: 25 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

TB-20240321

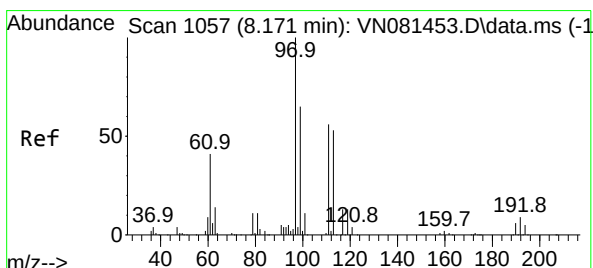
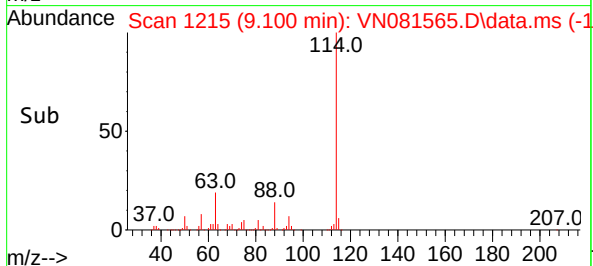
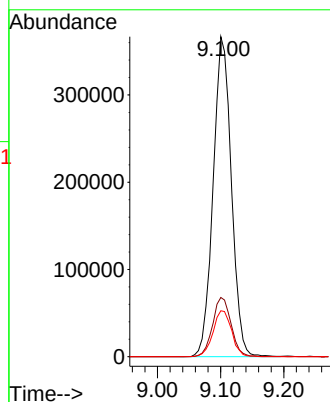
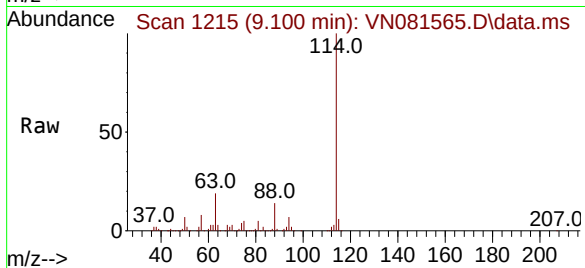
Tgt Ion:114 Resp: 734443

Ion Ratio Lower Upper

114 100

63 18.5 0.0 48.0

88 14.4 0.0 34.8



#35

Dibromofluoromethane

Concen: 49.687 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081565.D

Acq: 25 Mar 2024 16:29

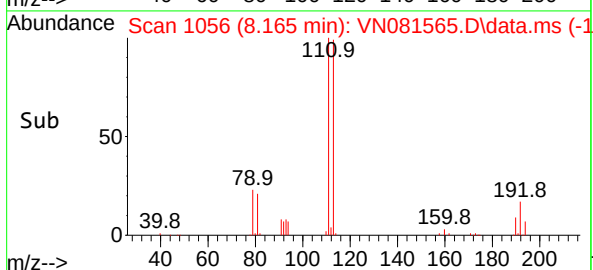
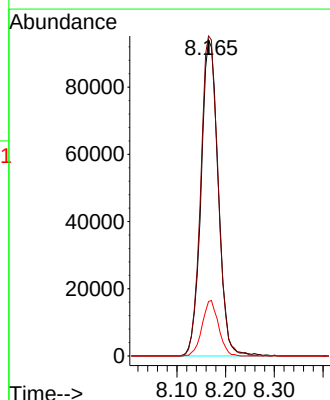
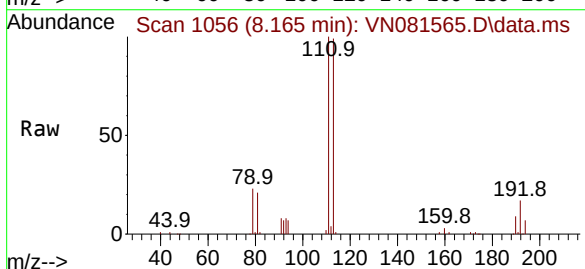
Tgt Ion:113 Resp: 230304

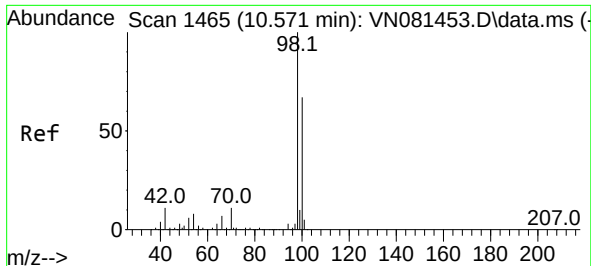
Ion Ratio Lower Upper

113 100

111 102.1 82.2 123.4

192 16.8 12.5 18.7

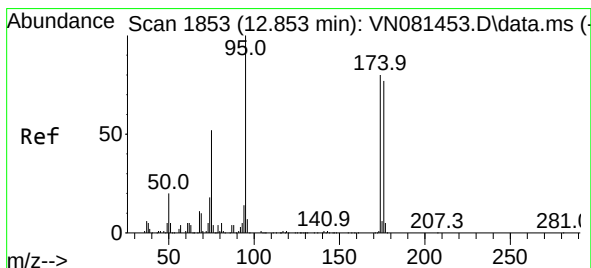
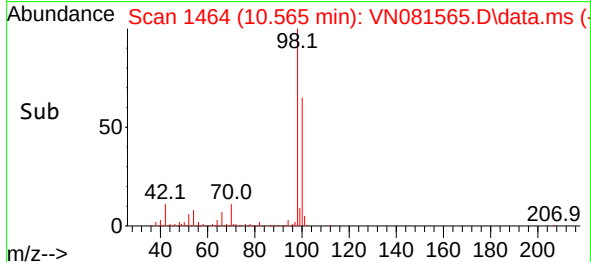
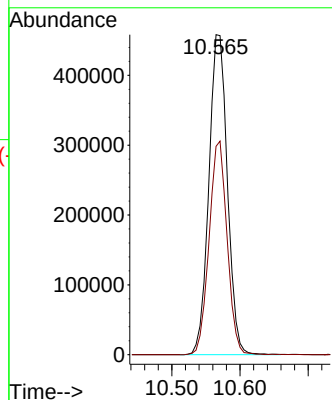
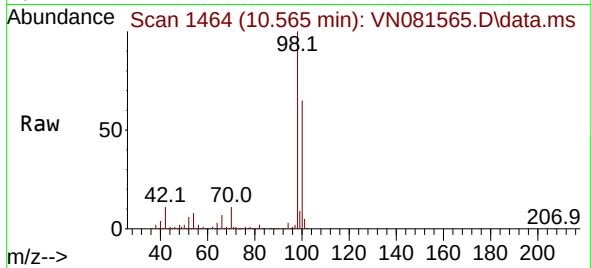




#50
Toluene-d8
Concen: 51.683 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

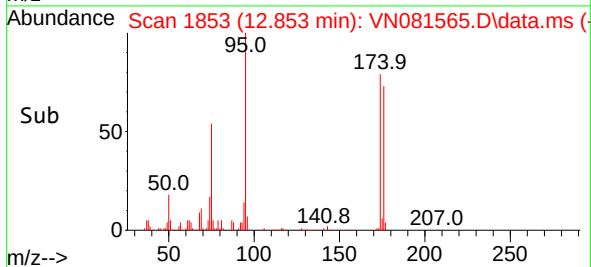
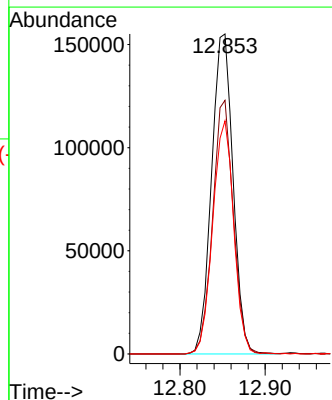
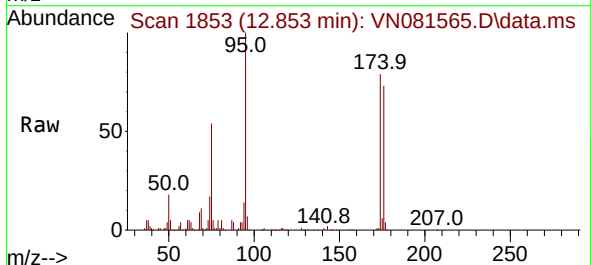
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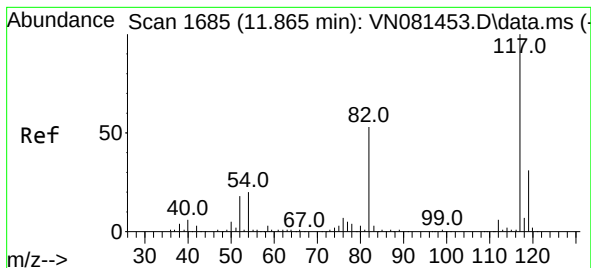
Tgt Ion: 98 Resp: 865966
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 46.036 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081565.D
Acq: 25 Mar 2024 16:29

Tgt Ion: 95 Resp: 271791
Ion Ratio Lower Upper
95 100
174 76.8 0.0 120.4
176 71.4 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: VN081565.D

Acq: 25 Mar 2024 16:29

Instrument :

MSVOA_N

ClientSampleId :

TB-20240321

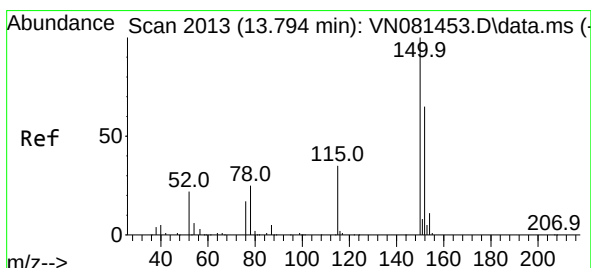
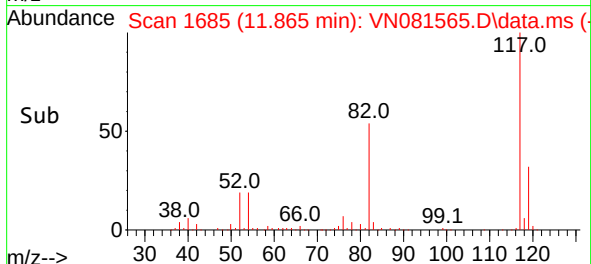
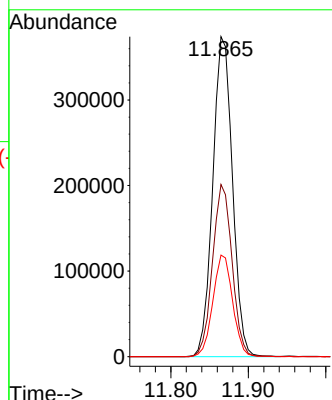
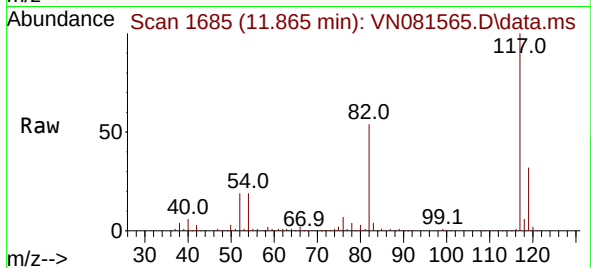
Tgt Ion:117 Resp: 660154

Ion Ratio Lower Upper

117 100

82 53.8 52.7 79.1

119 31.7 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: VN081565.D

Acq: 25 Mar 2024 16:29

Tgt Ion:152 Resp: 263197

Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 153.3 0.0 339.8

