

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032024\
 Data File : VN081488.D
 Acq On : 20 Mar 2024 12:50
 Operator : JC\MD
 Sample : VN0320WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0320WBL01

Quant Time: Mar 21 01:16:46 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	8.224	168	533451	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	896902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	771363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	307453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	321509	47.260	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.520%
35) Dibromofluoromethane	8.165	113	268590	47.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.900%
50) Toluene-d8	10.565	98	1047620	51.200	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	12.853	95	325798	45.188	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	90.380%

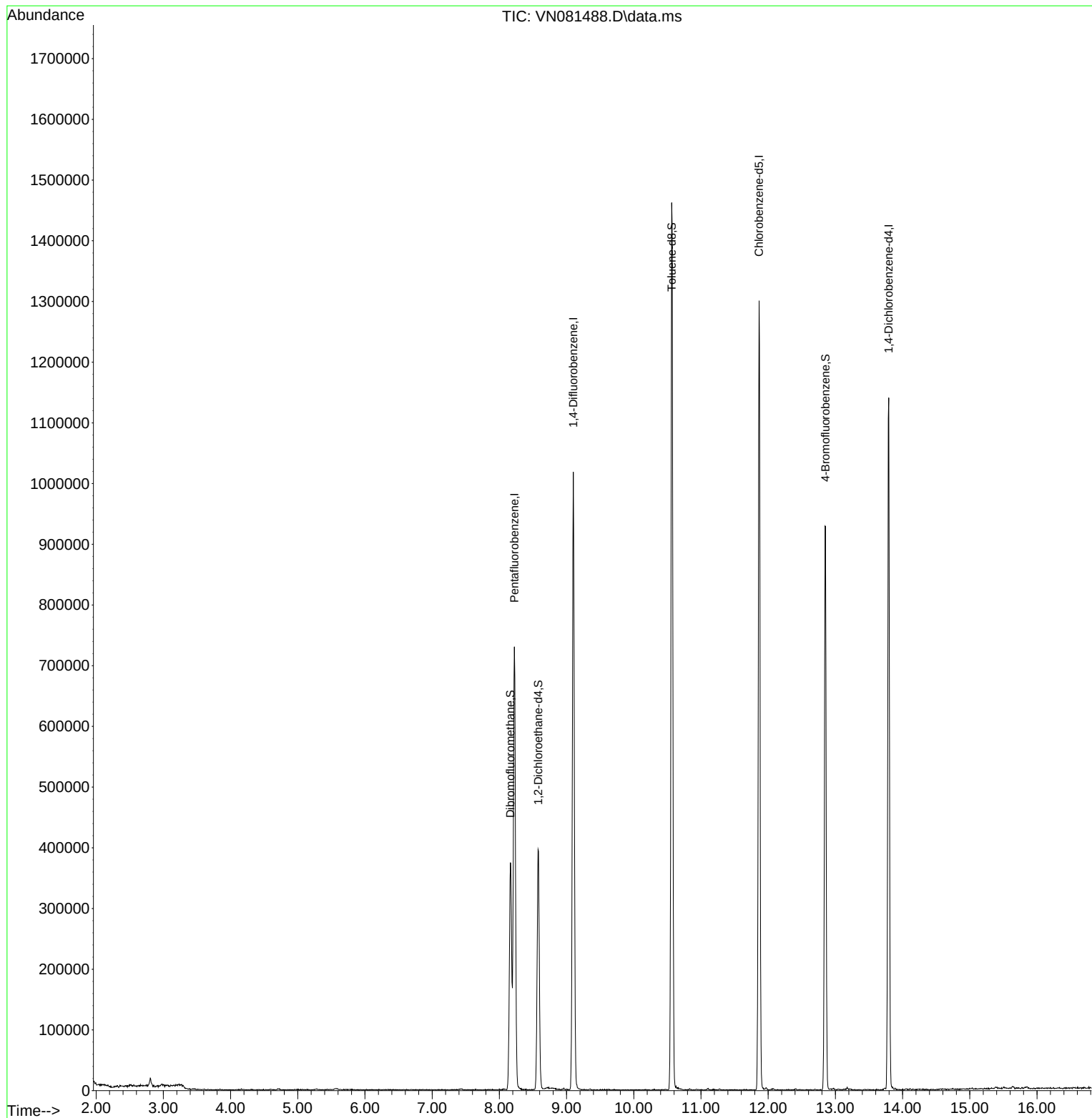
Target Compounds	Qvalue

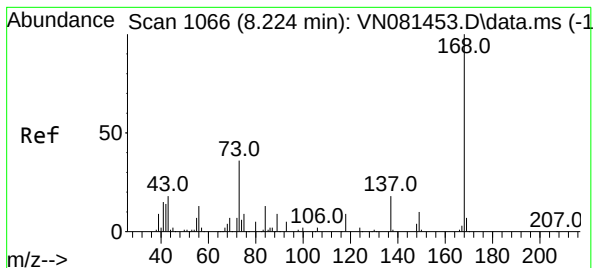
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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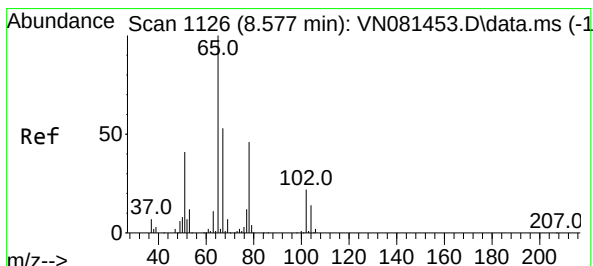
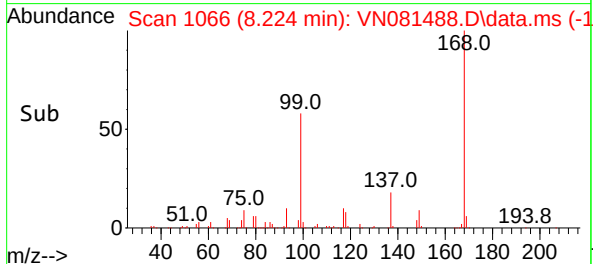
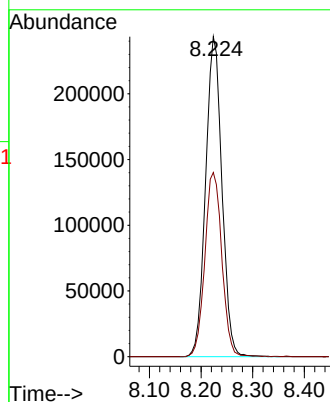
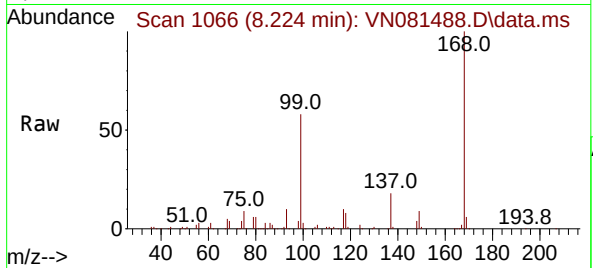




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

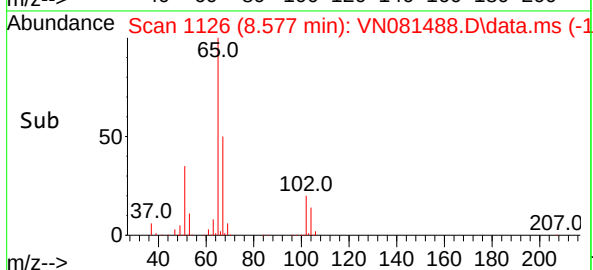
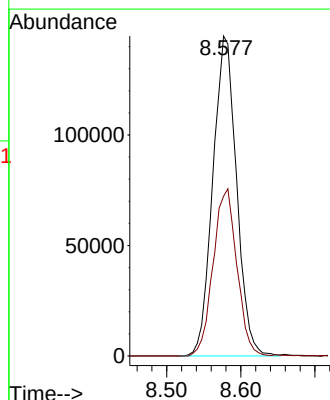
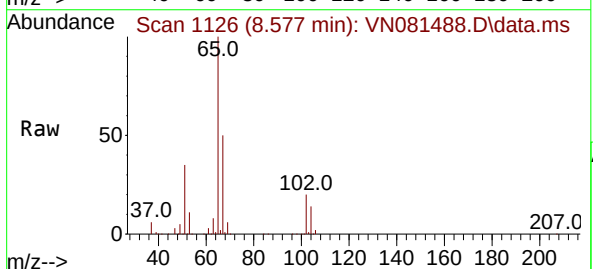
Instrument :
MSVOA_N
ClientSampleId :
VN0320WBL01

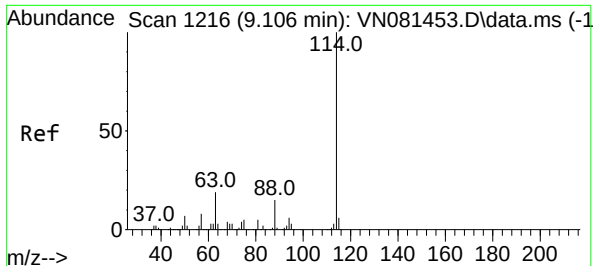
Tgt Ion:168 Resp: 533451
Ion Ratio Lower Upper
168 100
99 57.6 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 47.260 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

Tgt Ion: 65 Resp: 321509
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081488.D

Acq: 20 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBL01

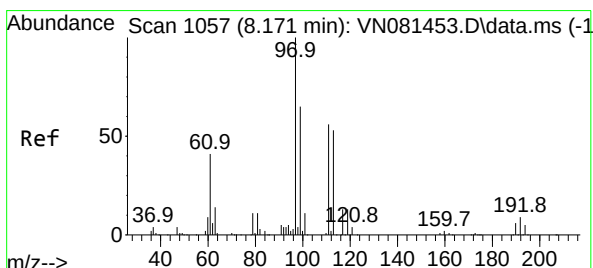
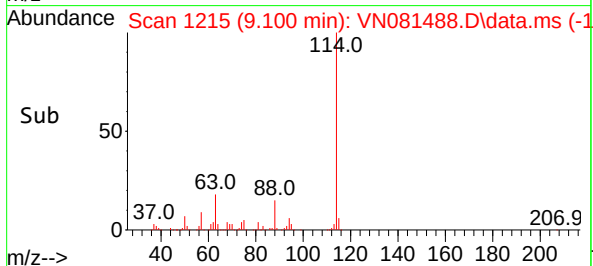
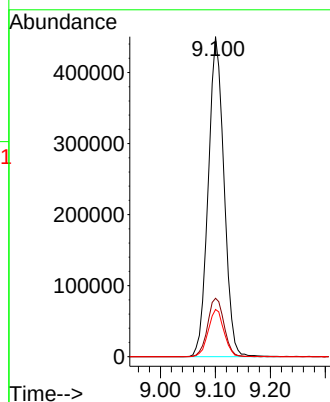
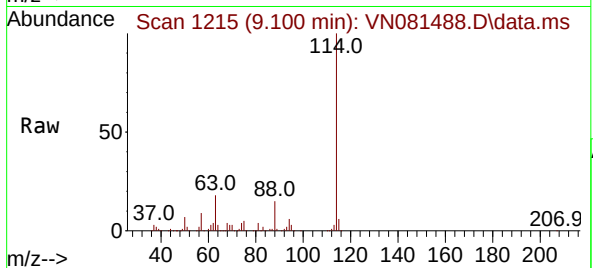
Tgt Ion:114 Resp: 896902

Ion Ratio Lower Upper

114 100

63 18.3 0.0 48.0

88 14.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 47.451 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081488.D

Acq: 20 Mar 2024 12:50

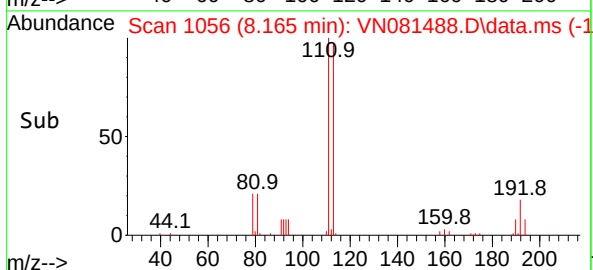
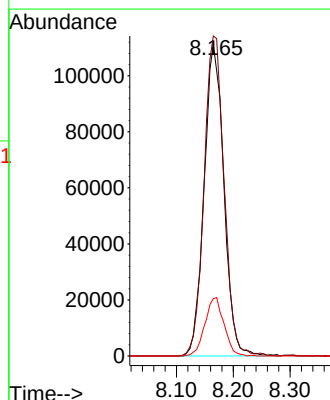
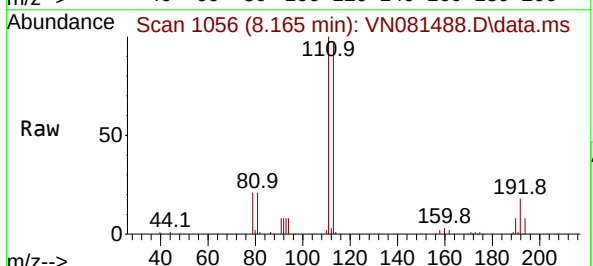
Tgt Ion:113 Resp: 268590

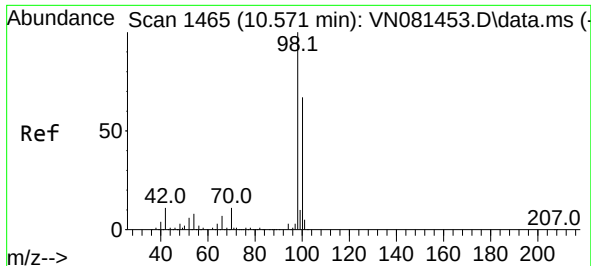
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 18.0 12.5 18.7

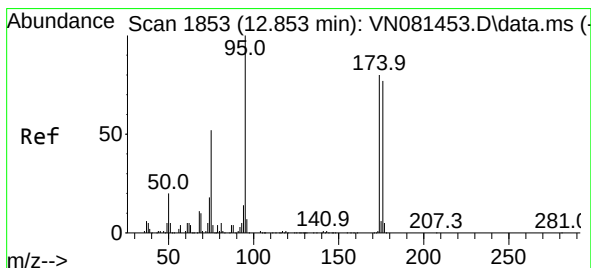
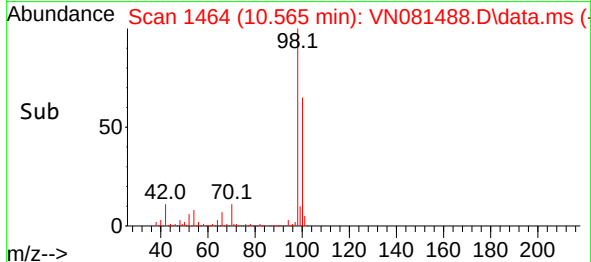
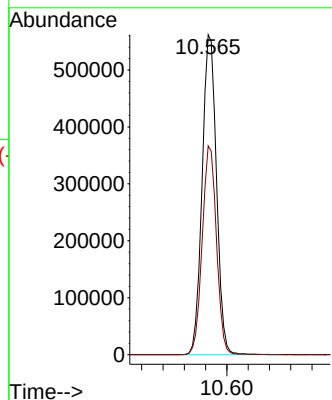
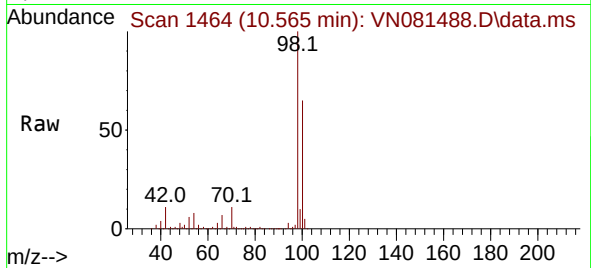




#50
Toluene-d8
Concen: 51.200 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

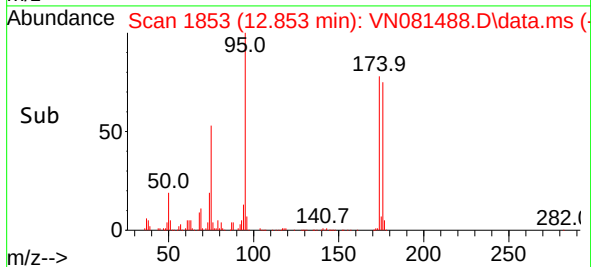
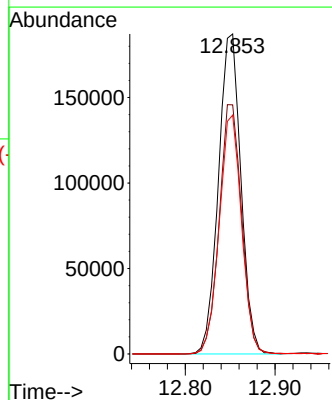
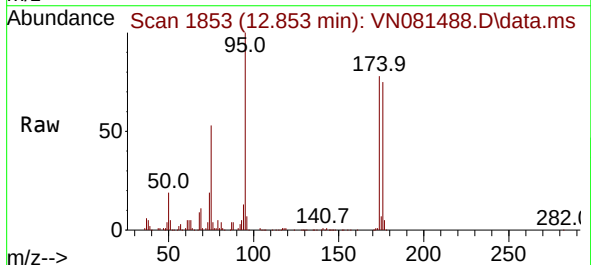
Instrument :
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VN0320WBL01

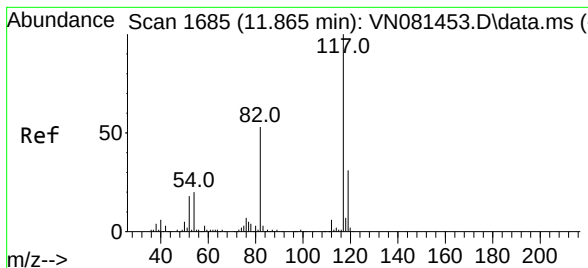
Tgt Ion: 98 Resp: 1047620
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.188 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081488.D
Acq: 20 Mar 2024 12:50

Tgt Ion: 95 Resp: 325798
Ion Ratio Lower Upper
95 100
174 77.6 0.0 120.4
176 74.3 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: VN081488.D

Acq: 20 Mar 2024 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0320WBL01

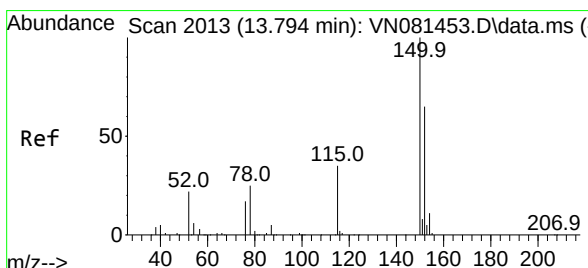
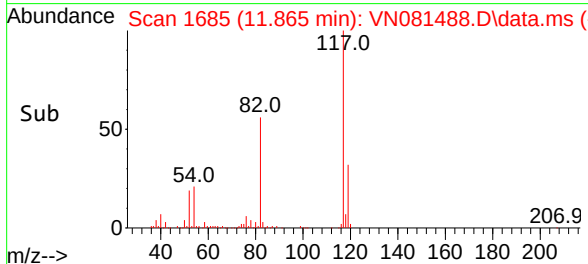
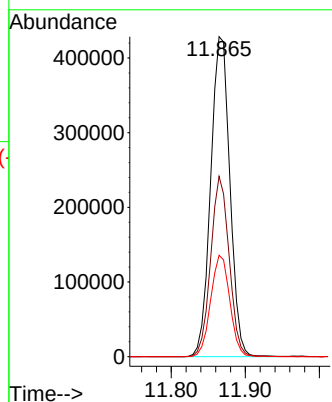
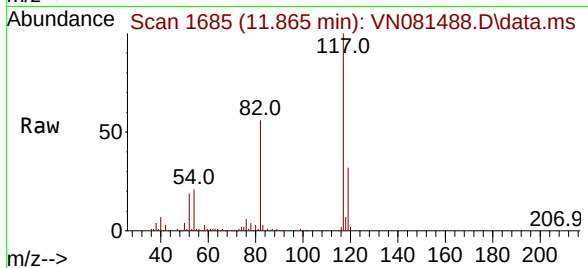
Tgt Ion:117 Resp: 771363

Ion Ratio Lower Upper

117 100

82 56.4 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: VN081488.D

Acq: 20 Mar 2024 12:50

Tgt Ion:152 Resp: 307453

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 160.0 0.0 339.8

