

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080881.D
 Acq On : 02 Feb 2024 18:15
 Operator : JC\MD
 Sample : P1365-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240201

Quant Time: Feb 02 23:54:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	82742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	180046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	195632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77164	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	65562	45.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.600%
35) Dibromofluoromethane	8.165	113	57290	52.010	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.020%
50) Toluene-d8	10.571	98	206259	47.841	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.680%
62) 4-Bromofluorobenzene	12.847	95	83355	55.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.960%

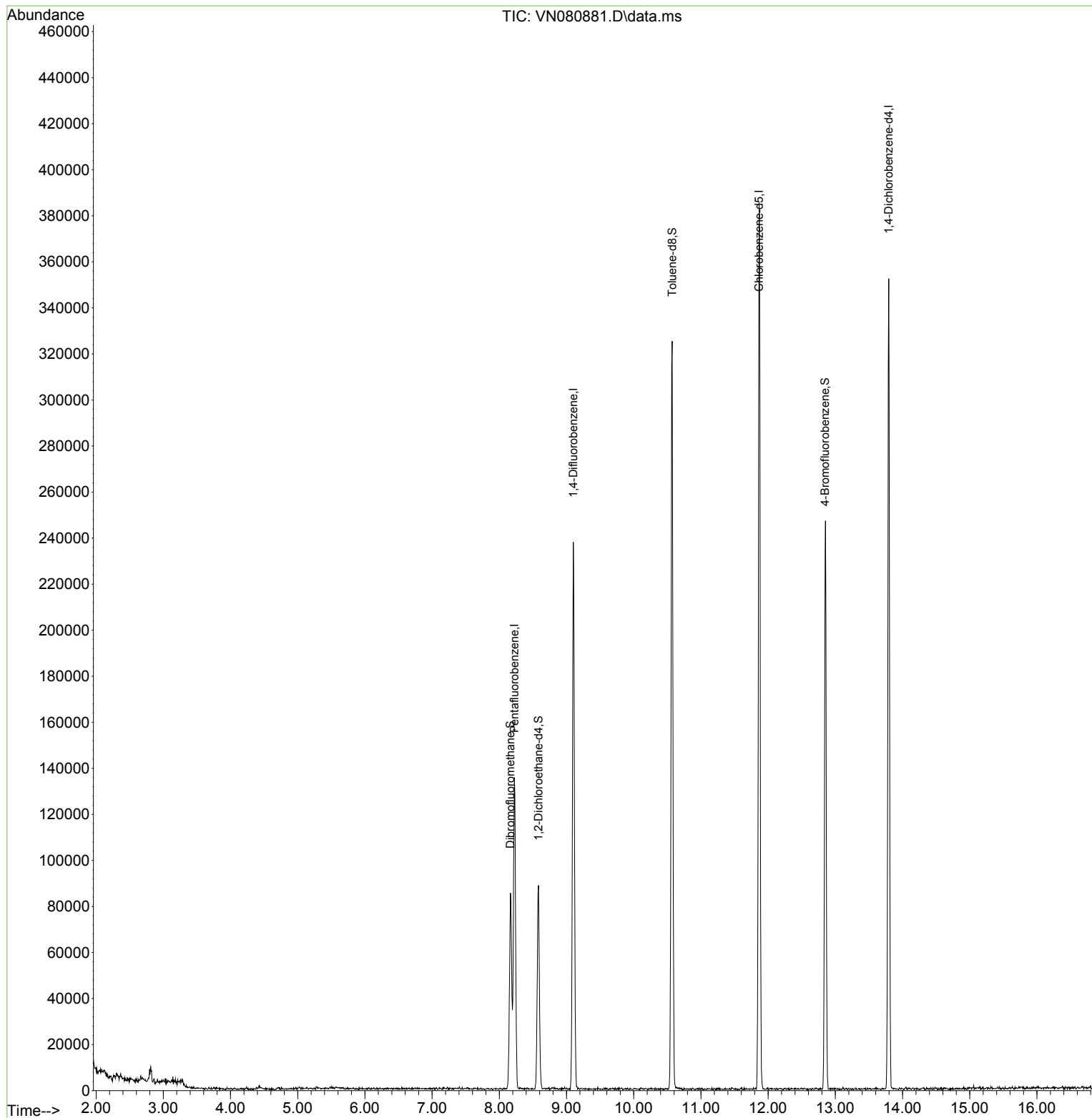
Target Compounds	Qvalue

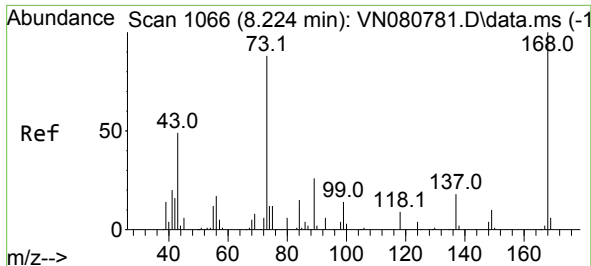
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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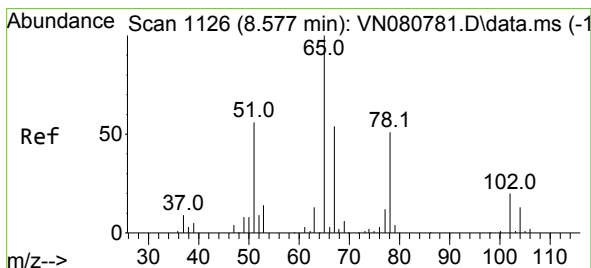
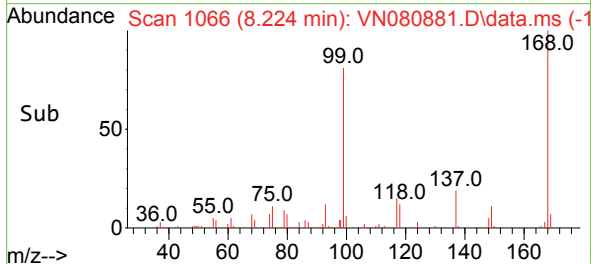
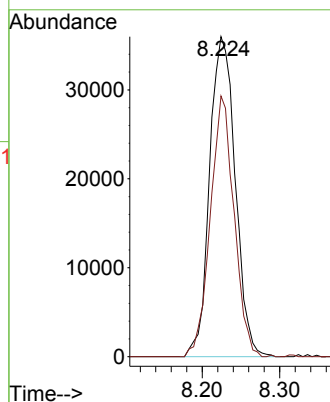
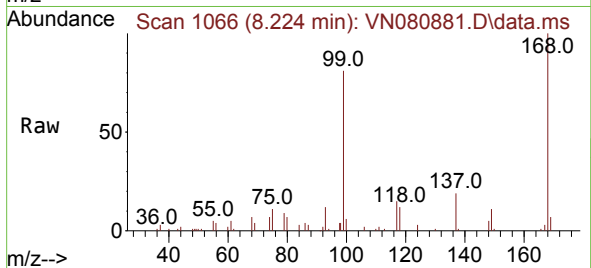




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

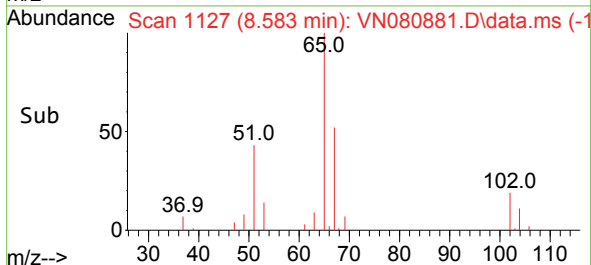
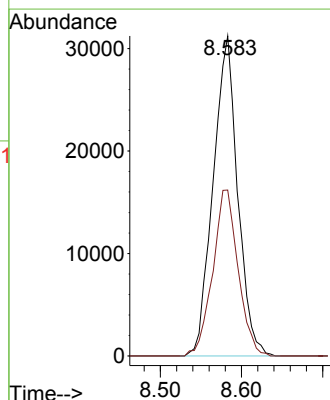
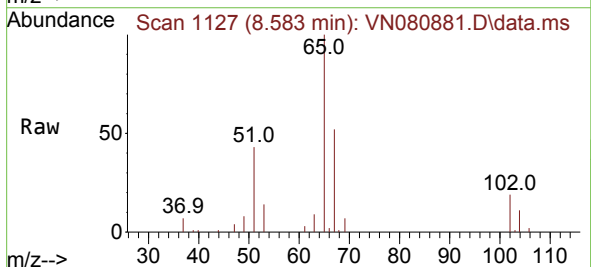
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

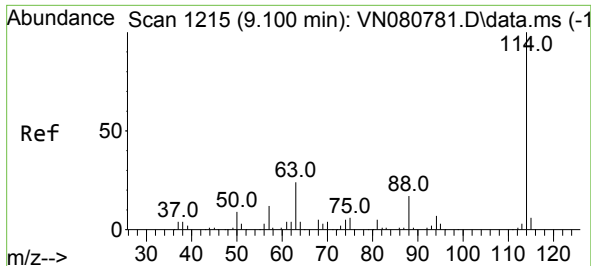
Tgt Ion:168 Resp: 82742
Ion Ratio Lower Upper
168 100
99 81.4 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 45.802 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion: 65 Resp: 65562
Ion Ratio Lower Upper
65 100
67 53.6 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080881.D

Acq: 02 Feb 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

TB-20240201

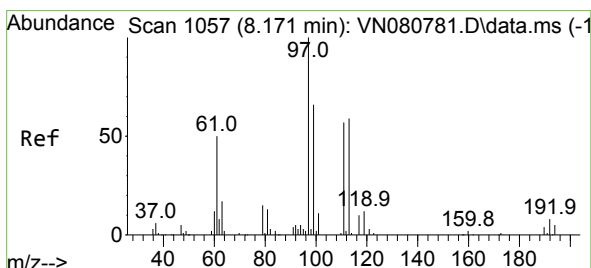
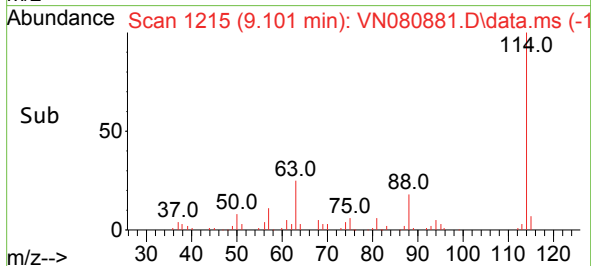
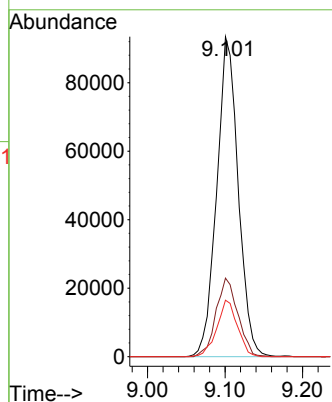
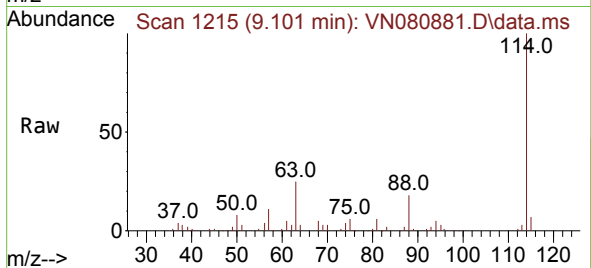
Tgt Ion:114 Resp: 180046

Ion Ratio Lower Upper

114 100

63 24.5 0.0 48.0

88 17.7 0.0 34.8



#35

Dibromofluoromethane

Concen: 52.010 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.005 min

Lab File: VN080881.D

Acq: 02 Feb 2024 18:15

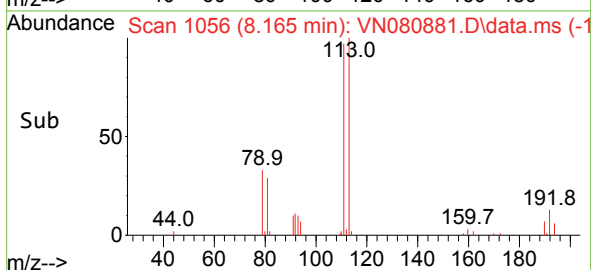
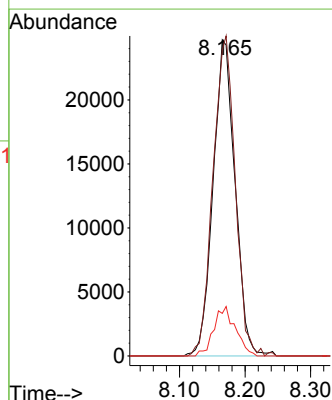
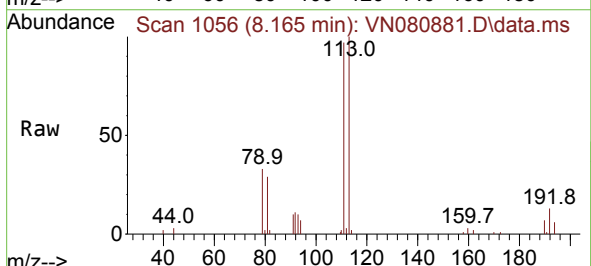
Tgt Ion:113 Resp: 57290

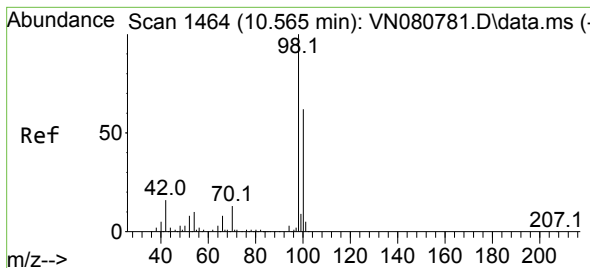
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

192 15.5 12.5 18.7

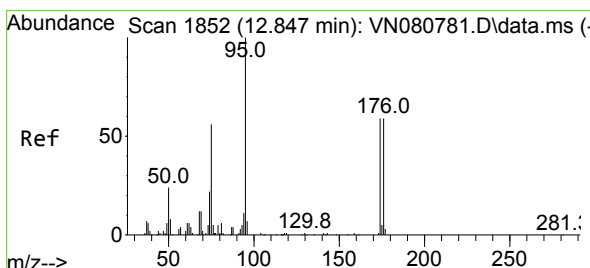
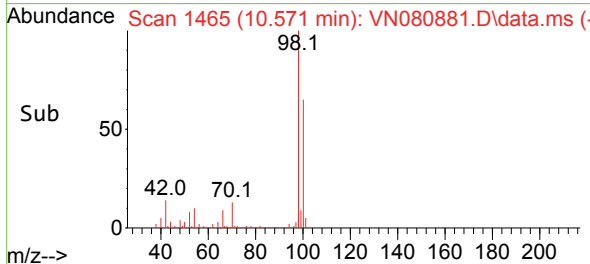
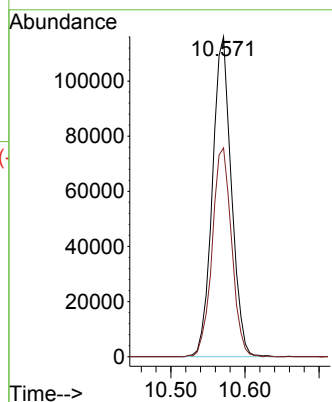
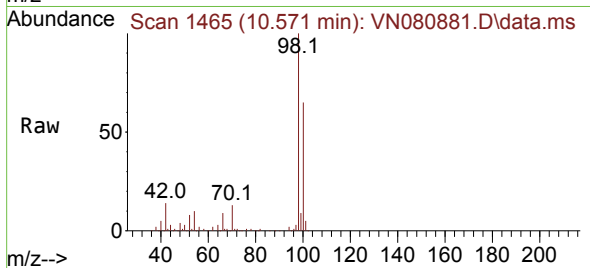




#50
Toluene-d8
Concen: 47.841 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

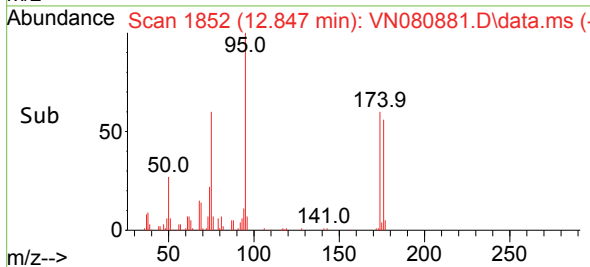
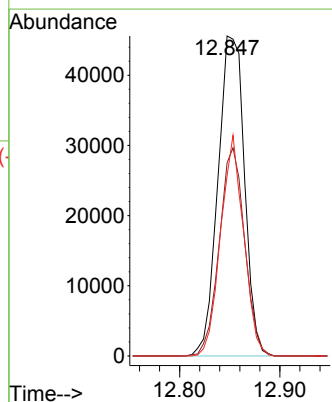
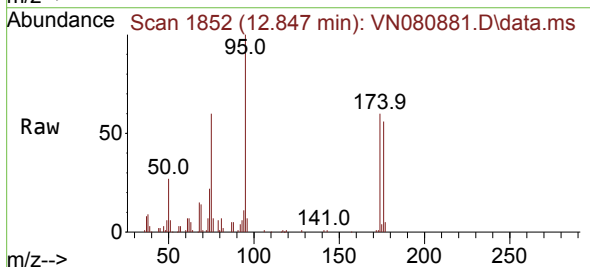
Instrument :
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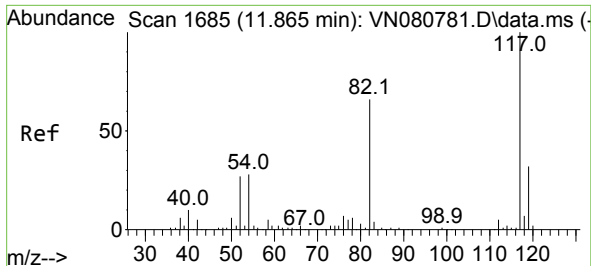
Tgt Ion: 98 Resp: 206259
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 55.482 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion: 95 Resp: 83355
Ion Ratio Lower Upper
95 100
174 62.4 0.0 120.4
176 59.8 0.0 121.0

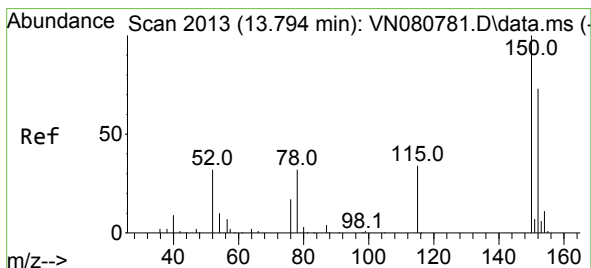
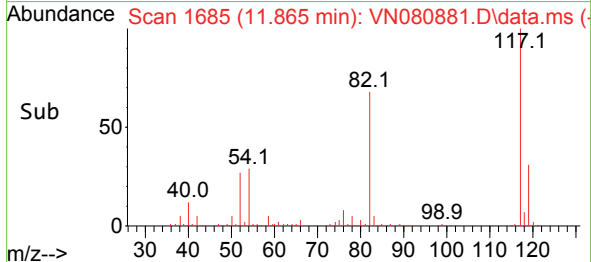
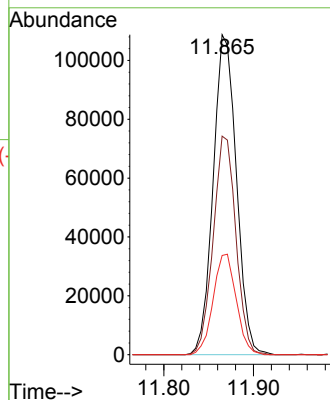
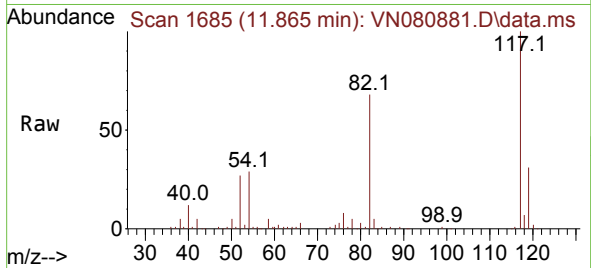




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080881.D
Acq: 02 Feb 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

Tgt Ion:117 Resp: 195632
Ion Ratio Lower Upper
117 100
82 68.3 52.7 79.1
119 31.0 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: VN080881.D
Acq: 02 Feb 2024 18:15

Tgt Ion:152 Resp: 77164
Ion Ratio Lower Upper
152 100
115 70.1 32.3 96.8
150 163.9 0.0 339.8

