

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080888.D
 Acq On : 02 Feb 2024 21:03
 Operator : JC\MD
 Sample : P1368-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240201

Quant Time: Feb 02 23:58:35 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	8.230	168	79612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	193085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	204179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	71208	51.702	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.400%
35) Dibromofluoromethane	8.171	113	52387	44.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.700%
50) Toluene-d8	10.571	98	222028	48.021	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.853	95	86534	53.709	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.420%

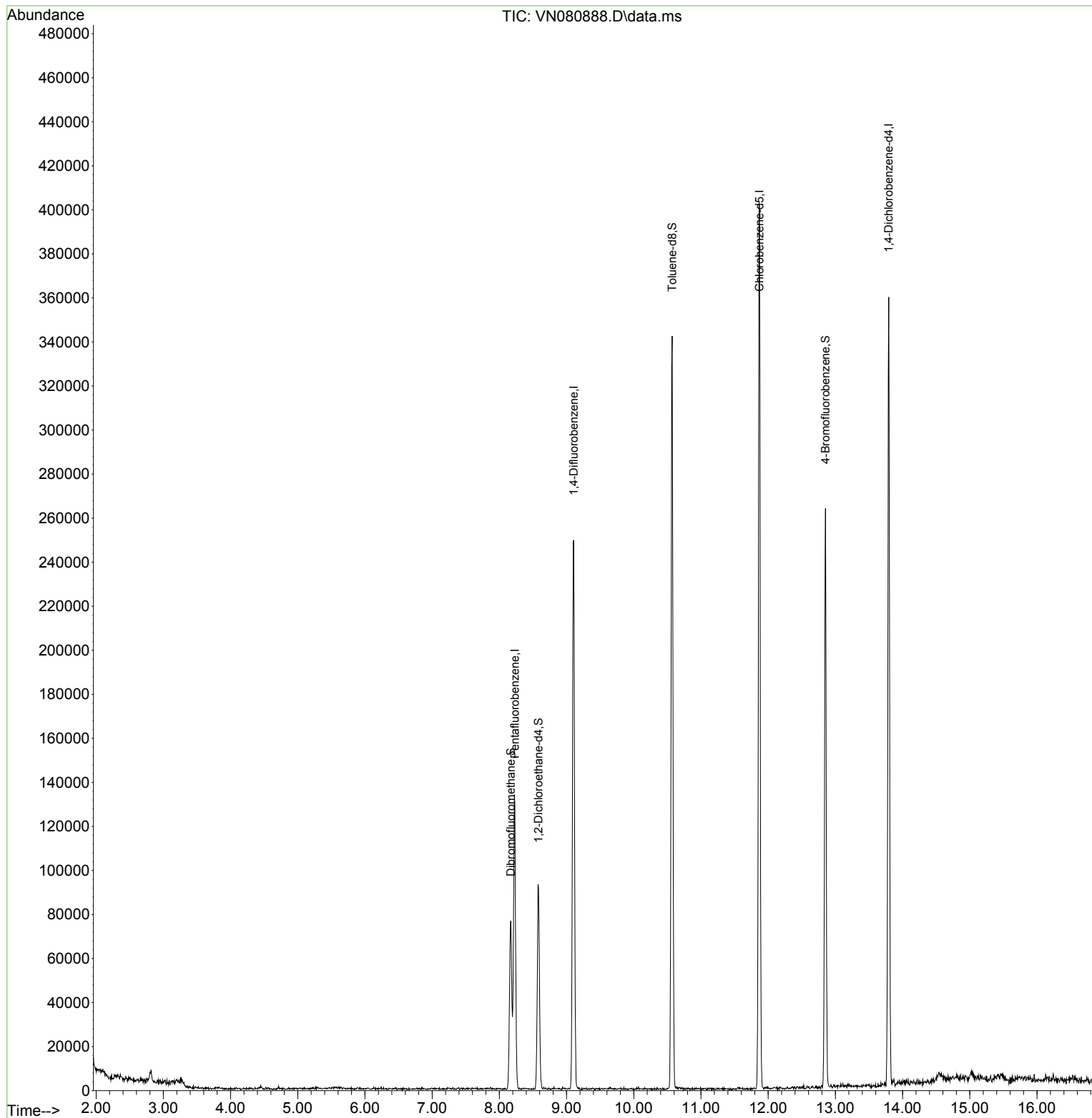
Target Compounds	Qvalue

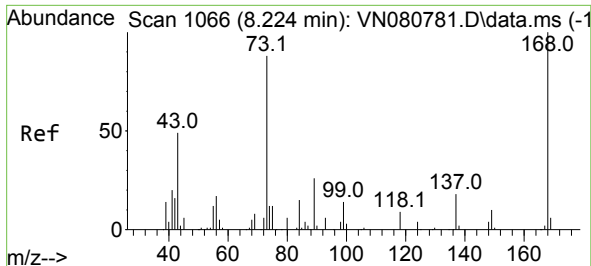
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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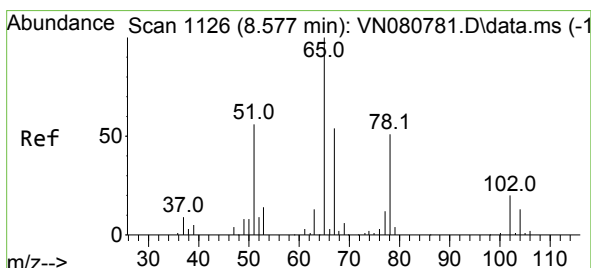
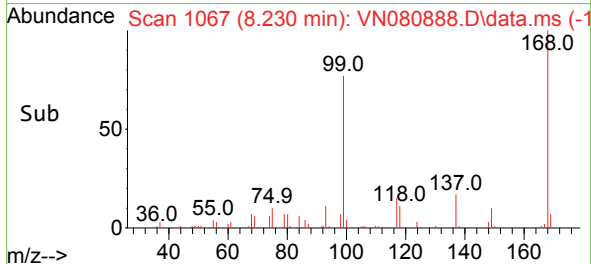
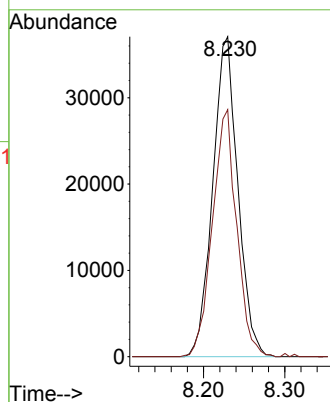
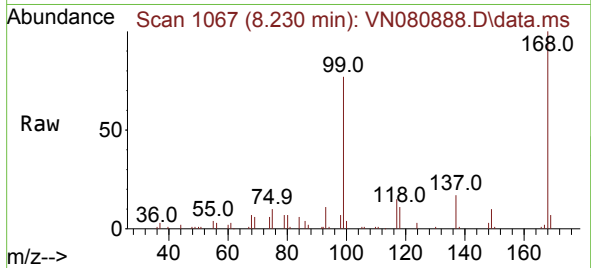




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

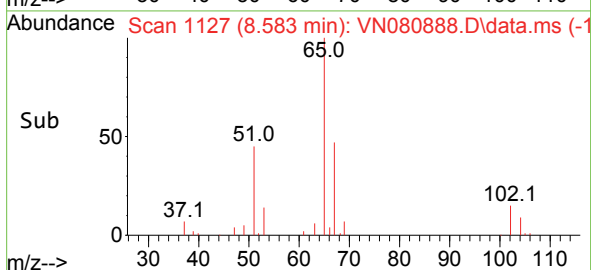
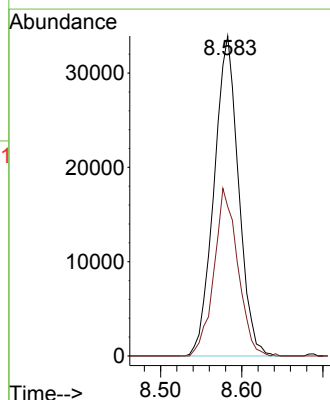
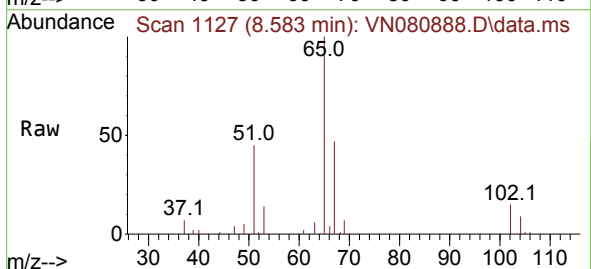
Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

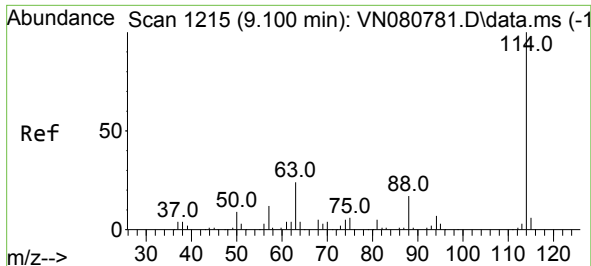
Tgt Ion:168 Resp: 79612
Ion Ratio Lower Upper
168 100
99 77.2 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 51.702 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion: 65 Resp: 71208
Ion Ratio Lower Upper
65 100
67 50.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080888.D

Acq: 02 Feb 2024 21:03

Instrument :

MSVOA_N

ClientSampleId :

TB-20240201

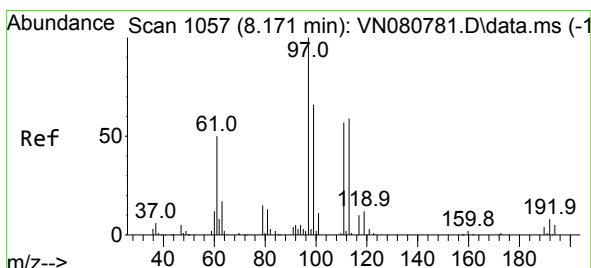
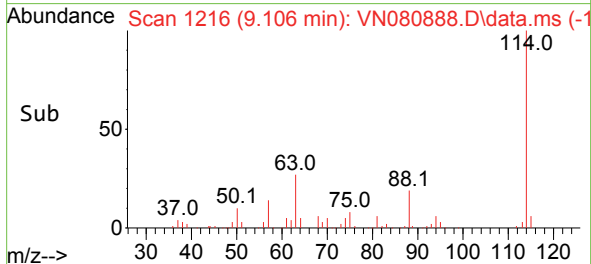
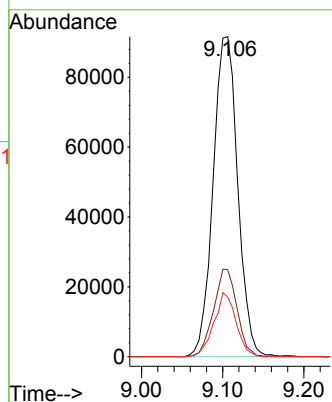
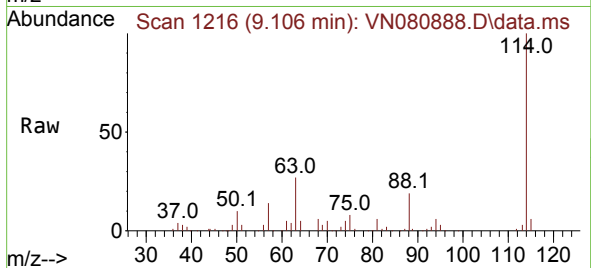
Tgt Ion:114 Resp: 193085

Ion Ratio Lower Upper

114 100

63 27.2 0.0 48.0

88 18.6 0.0 34.8



#35

Dibromofluoromethane

Concen: 44.347 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080888.D

Acq: 02 Feb 2024 21:03

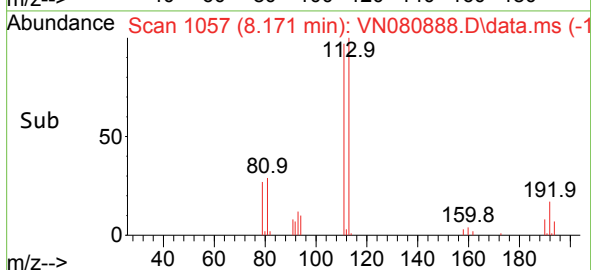
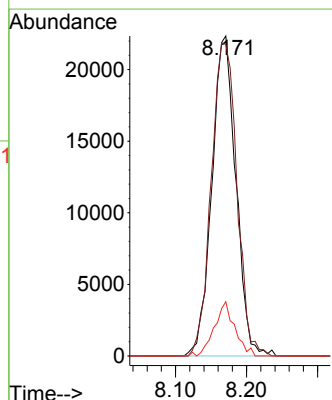
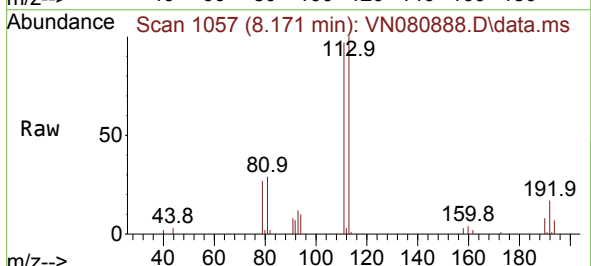
Tgt Ion:113 Resp: 52387

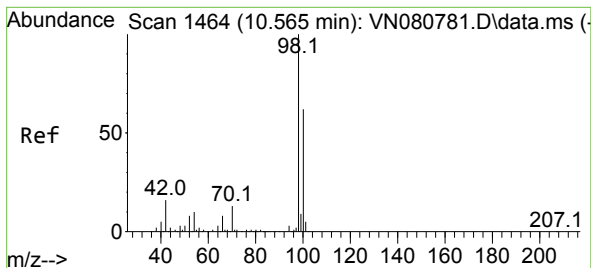
Ion Ratio Lower Upper

113 100

111 104.6 82.2 123.4

192 14.4 12.5 18.7





#50

Toluene-d8

Concen: 48.021 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080888.D

Acq: 02 Feb 2024 21:03

Instrument :

MSVOA_N

ClientSampleId :

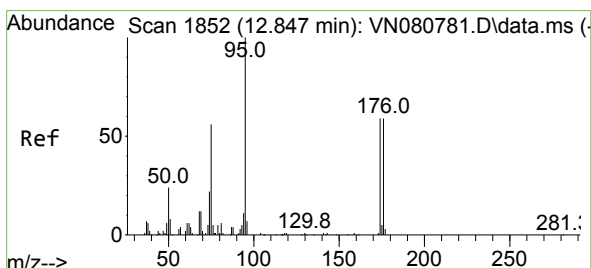
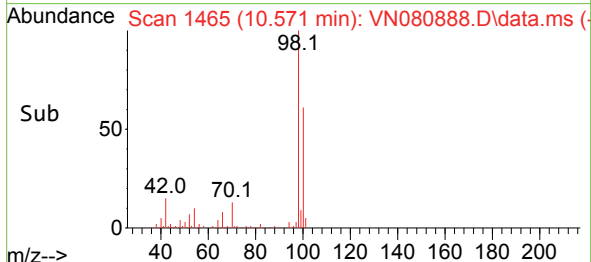
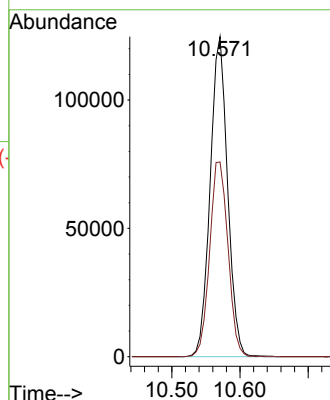
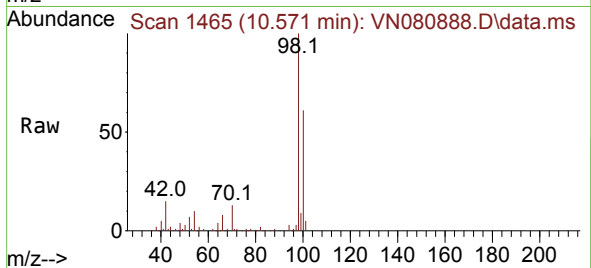
TB-20240201

Tgt Ion: 98 Resp: 222028

Ion Ratio Lower Upper

98 100

100 63.9 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 53.709 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080888.D

Acq: 02 Feb 2024 21:03

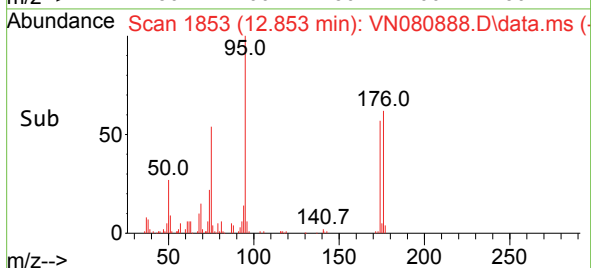
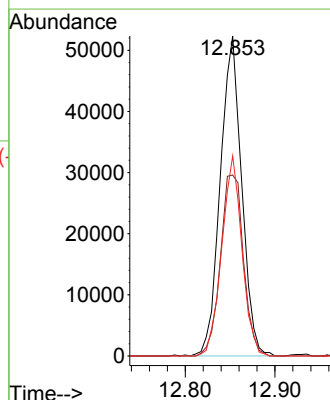
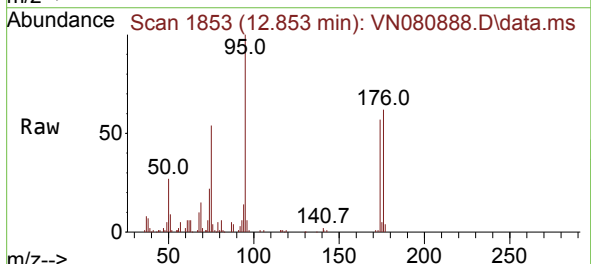
Tgt Ion: 95 Resp: 86534

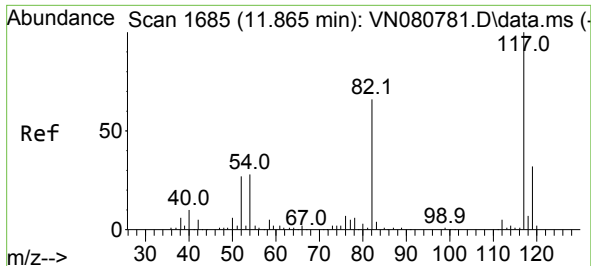
Ion Ratio Lower Upper

95 100

174 61.2 0.0 120.4

176 59.0 0.0 121.0

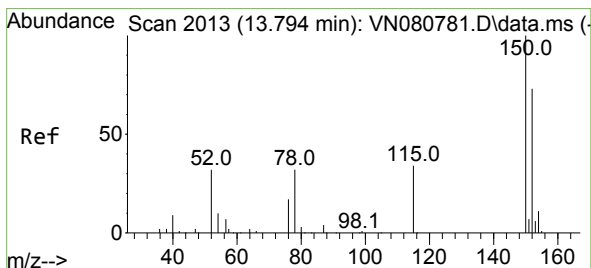
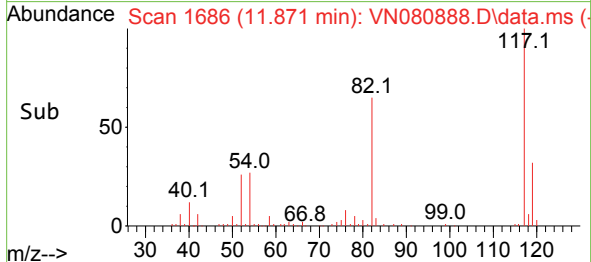
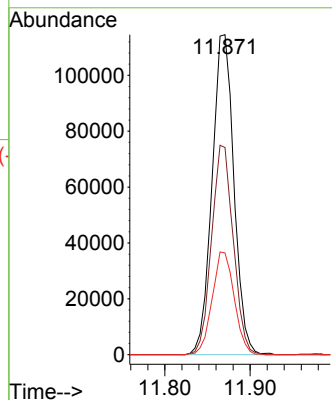
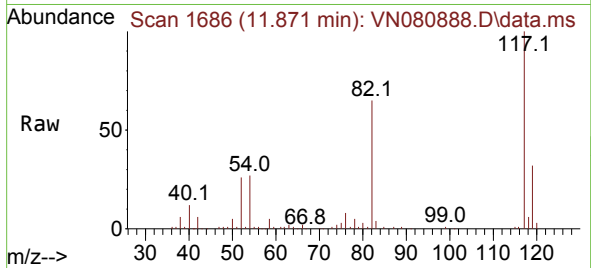




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080888.D
Acq: 02 Feb 2024 21:03

Instrument :
MSVOA_N
ClientSampleId :
TB-20240201

Tgt Ion:117 Resp: 204179
Ion Ratio Lower Upper
117 100
82 64.8 52.7 79.1
119 31.8 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: VN080888.D
Acq: 02 Feb 2024 21:03

Tgt Ion:152 Resp: 80168
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 157.1 0.0 339.8

