

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060883.D
 Acq On : 7 Apr 2020 17:34
 Operator : JC/MD
 Sample : L2178-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4I

Quant Time: Apr 08 08:30:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

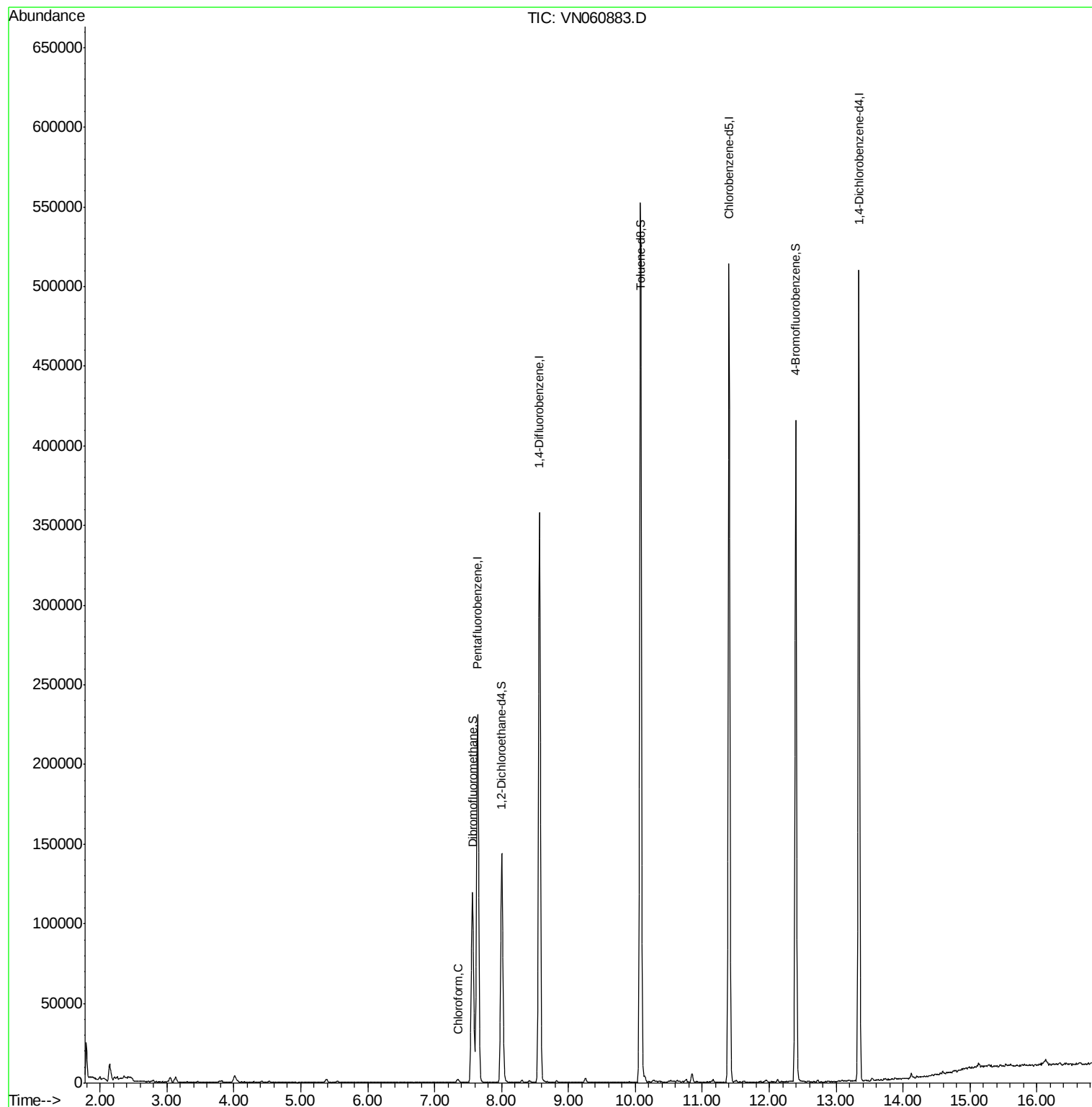
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	188546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	314022	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	132018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	121847	47.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.16%	
35) Dibromofluoromethane	7.56	113	94292	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
50) Toluene-d8	10.08	98	386656	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
62) 4-Bromofluorobenzene	12.40	95	144173	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						
30) Chloroform	7.35	83	2596	0.655	ug/l	Qvalue 91

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060883.D

Acq: 7 Apr 2020 17:34

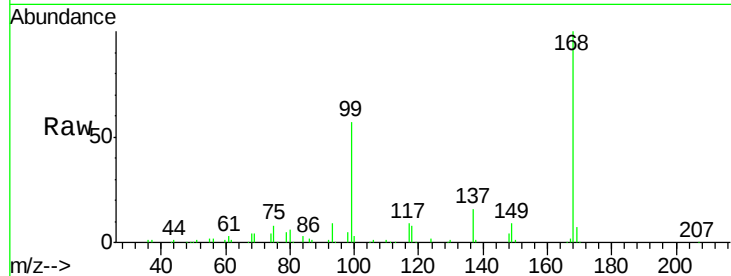
Instrument :
MSVOA_N
ClientSampled :
MW-4I

Tot Ion:168 Resp: 188546

Ion Ratio Lower Upper

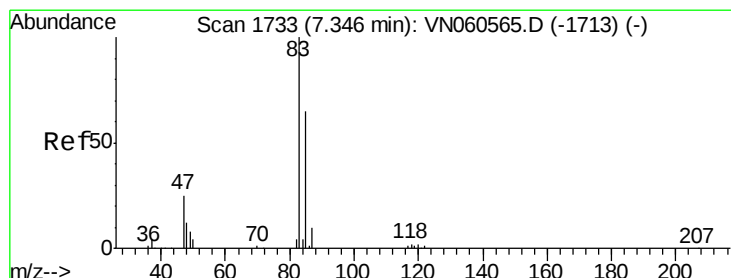
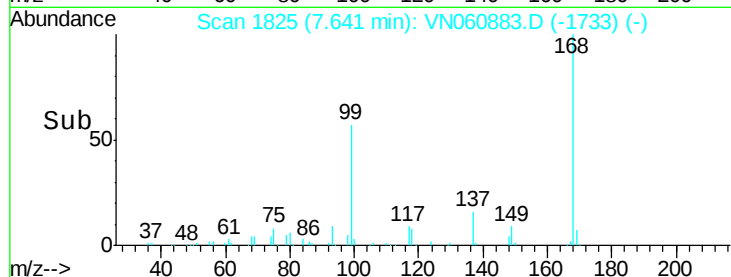
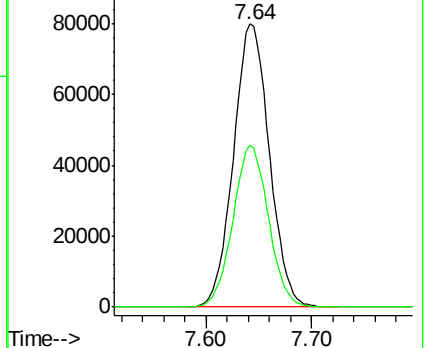
168 100

99 57.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#30

Chloroform

Concen: 0.655 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN060883.D

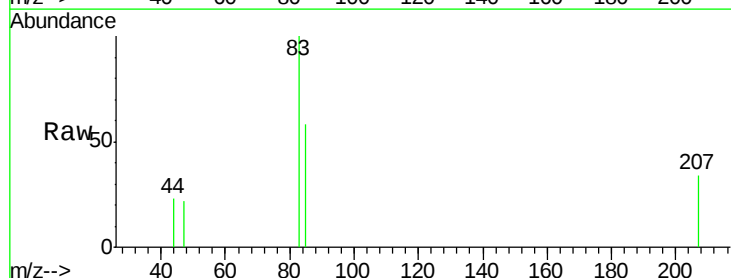
Acq: 7 Apr 2020 17:34

Tgt Ion: 83 Resp: 2596

Ion Ratio Lower Upper

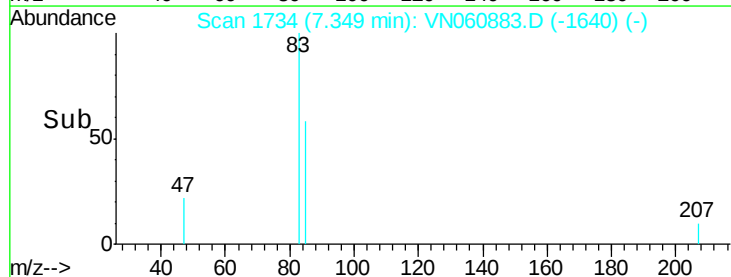
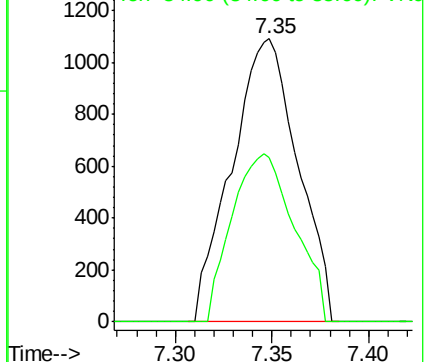
83 100

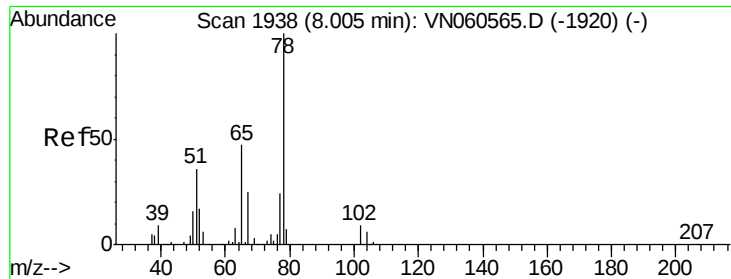
85 57.8 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 47.076 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060883.D

Acq: 7 Apr 2020 17:34

Instrument :

MSVOA_N

ClientSampleId :

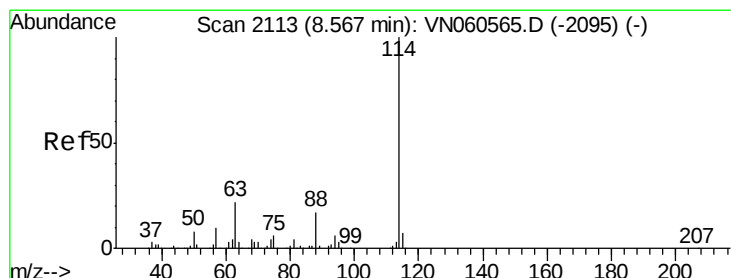
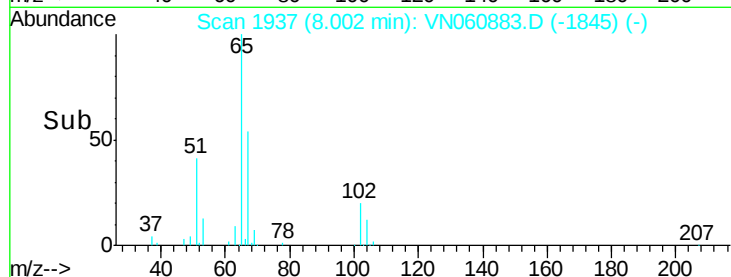
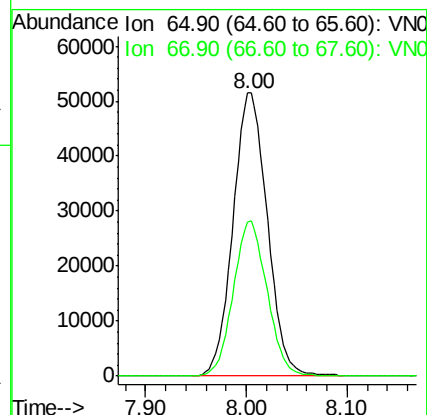
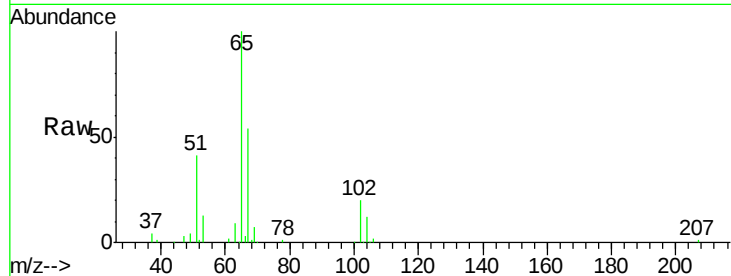
MW-4I

Tot Ion: 65 Resp: 121847

Ion Ratio Lower Upper

65 100

67 53.8 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060883.D

Acq: 7 Apr 2020 17:34

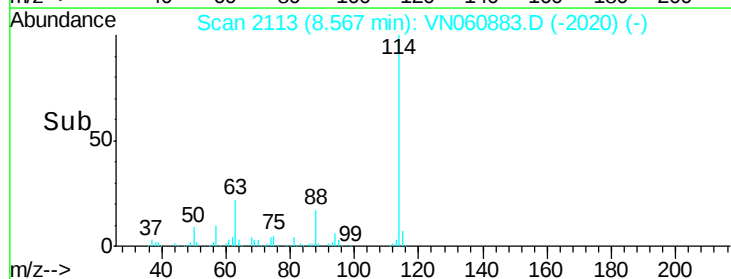
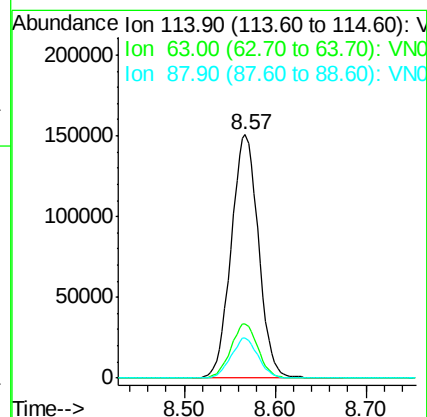
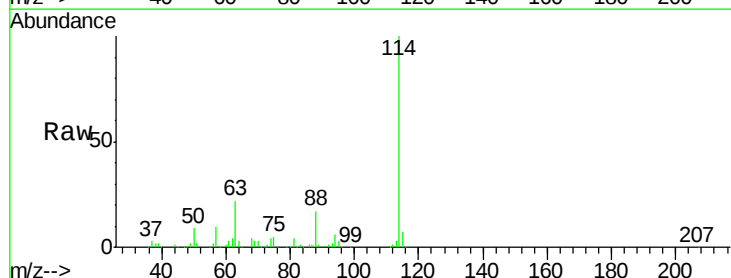
Tgt Ion: 114 Resp: 314022

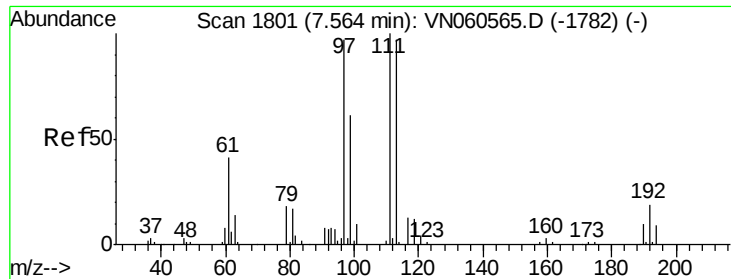
Ion Ratio Lower Upper

114 100

63 22.5 0.0 43.8

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.659 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060883.D

Acq: 7 Apr 2020 17:34

Instrument :

MSVOA_N

ClientSampled :

MW-4I

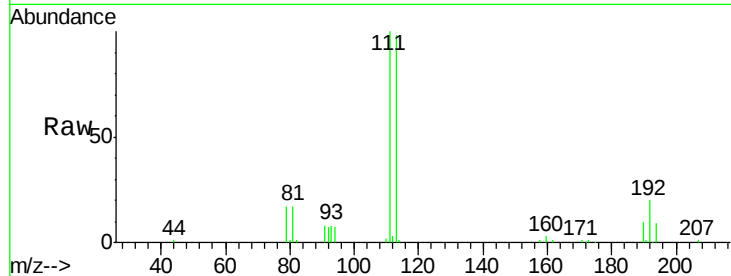
Tot Ion:113 Resp: 94292

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

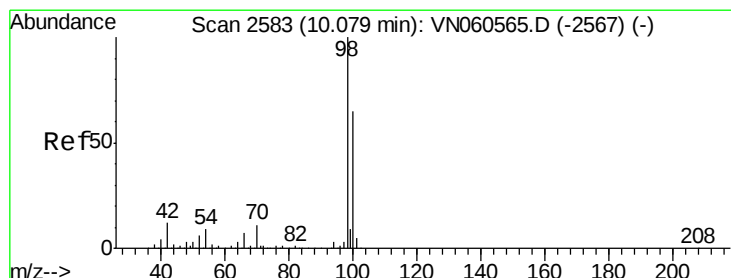
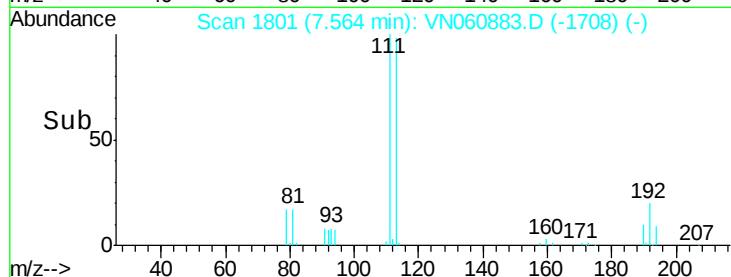
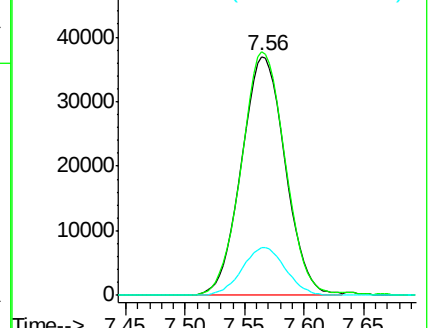
192 19.9 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 49.854 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060883.D

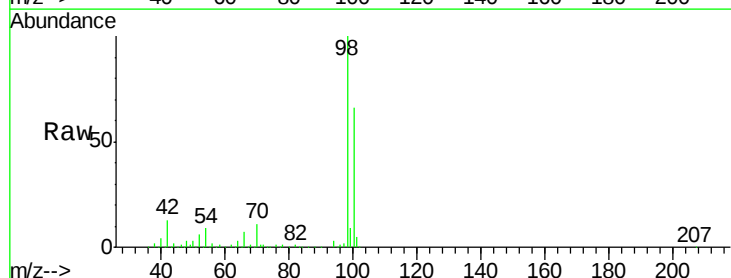
Acq: 7 Apr 2020 17:34

Tgt Ion: 98 Resp: 386656

Ion Ratio Lower Upper

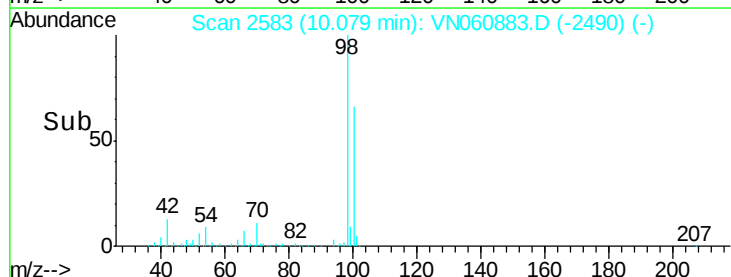
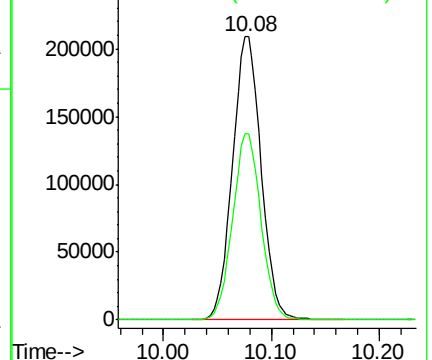
98 100

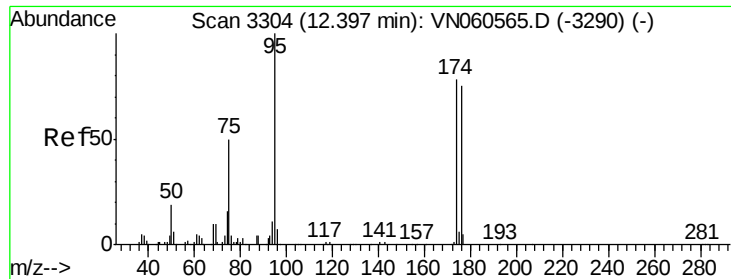
100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

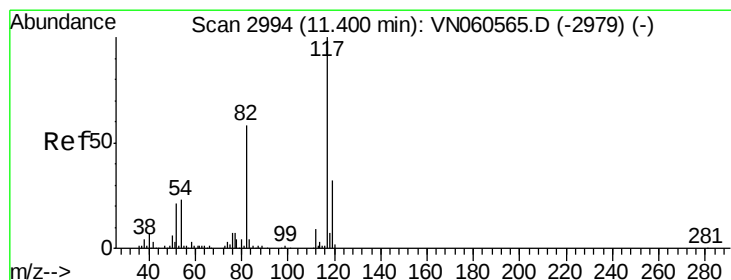
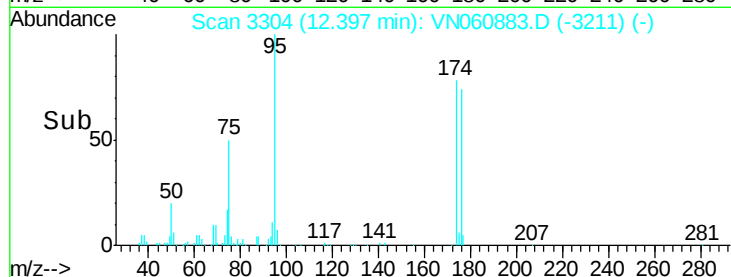
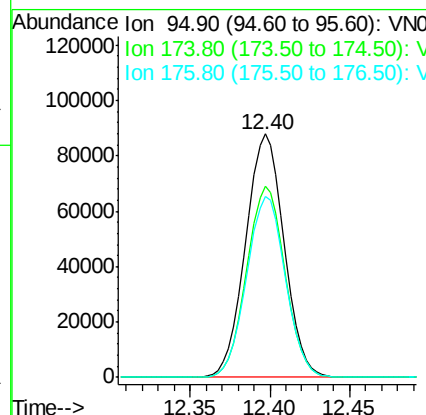
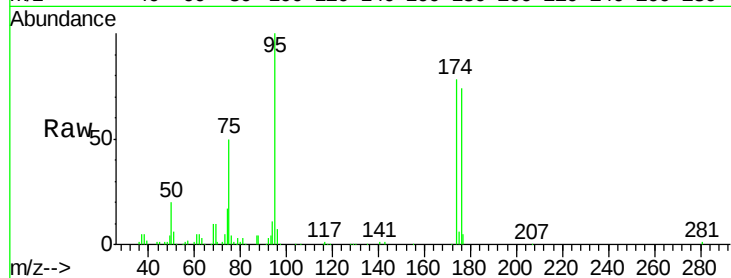




#62
4-Bromofluorobenzene
Concen: 50.722 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060883.D
Acq: 7 Apr 2020 17:34

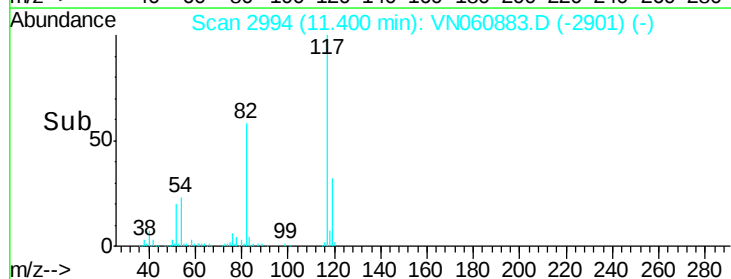
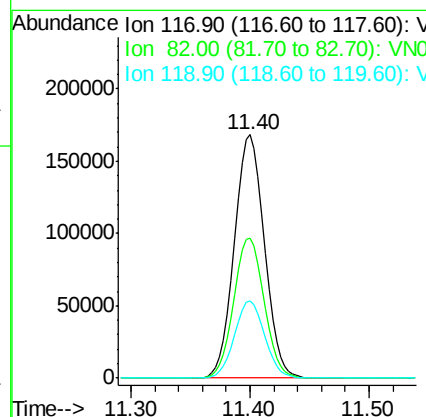
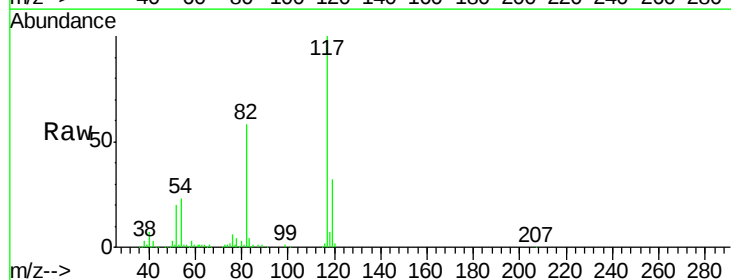
Instrument :
MSVOA_N
ClientSampleId :
MW-4I

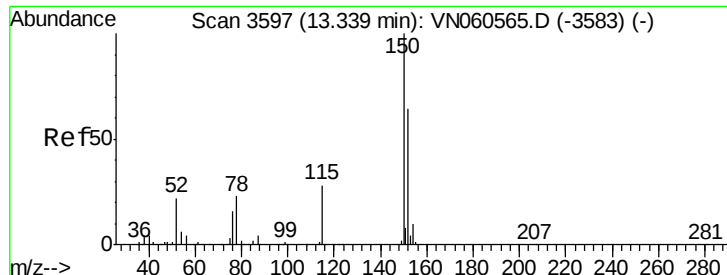
Tot Ion: 95 Resp: 144173
Ion Ratio Lower Upper
95 100
174 78.4 0.0 157.6
176 75.0 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060883.D
Acq: 7 Apr 2020 17:34

Tgt Ion: 117 Resp: 295670
Ion Ratio Lower Upper
117 100
82 57.7 46.7 70.1
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060883.D

Acq: 7 Apr 2020 17:34

Instrument :

MSVOA_N

ClientSampleId :

MW-41

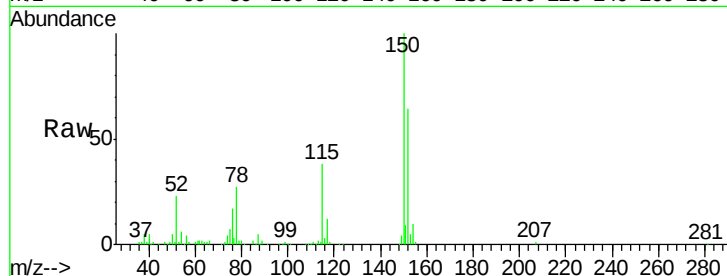
Tot Ion:152 Resp: 132018

Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 157.6 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

