

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060709.D
 Acq On : 26 Mar 2020 13:10
 Operator : JC/MD
 Sample : L1997-11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20200315

Quant Time: Mar 27 06:48:53 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

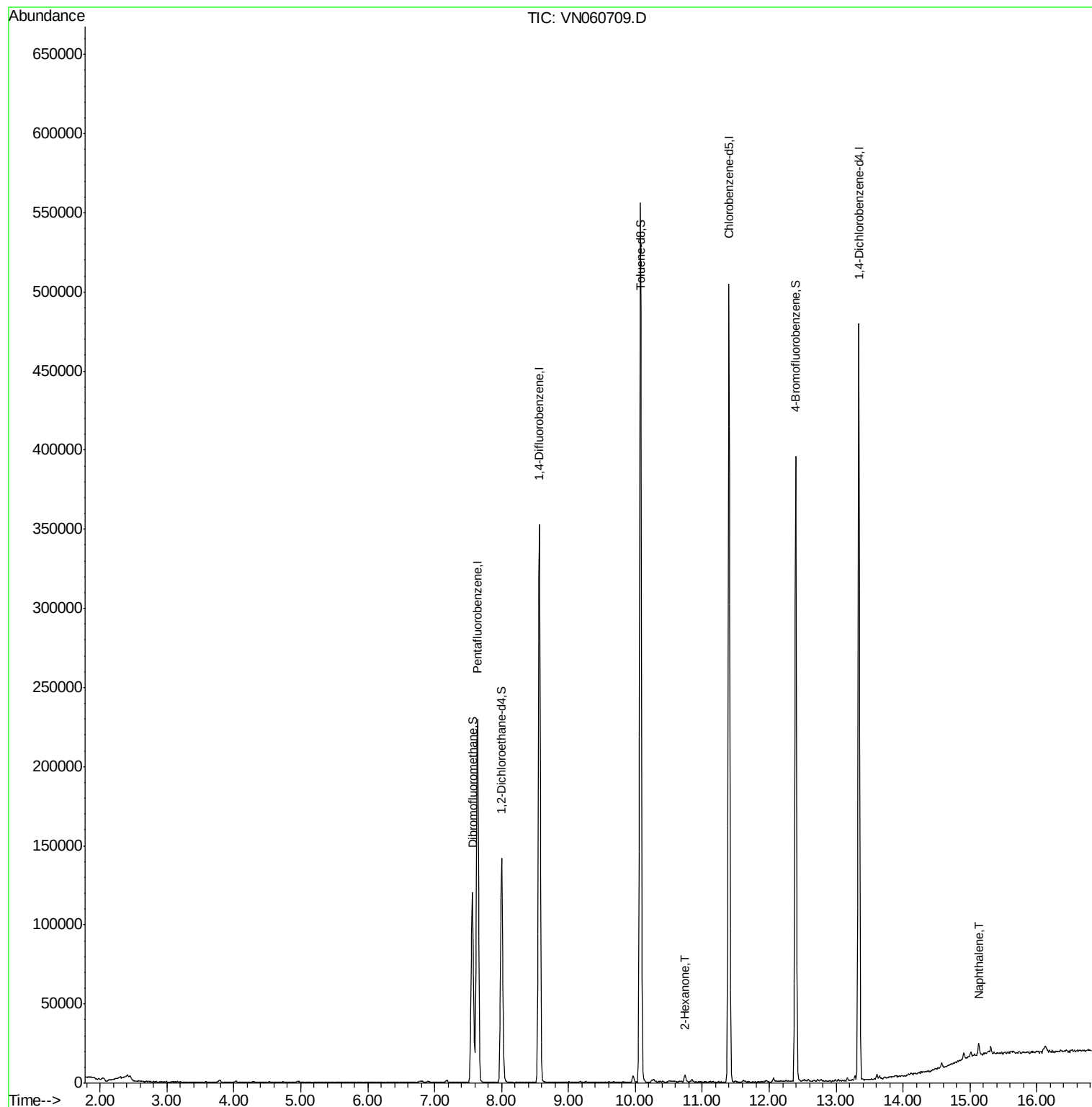
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	313757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	119992	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
35) Dibromofluoromethane	7.56	113	92251	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	10.08	98	386859	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	12.40	95	139886	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
Target Compounds						
59) 2-Hexanone	10.74	43	3949	1.779	ug/l	84
95) Naphthalene	15.13	128	6400	0.899	ug/l	95

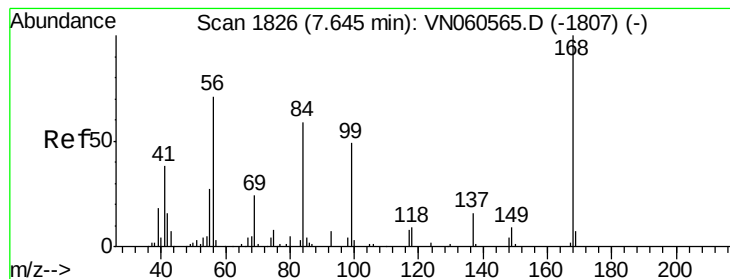
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060709.D

Acq: 26 Mar 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

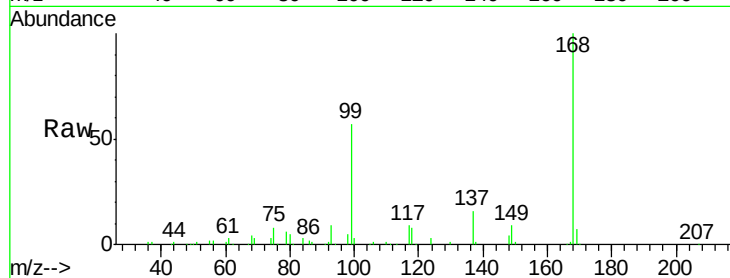
TB-20200315

Tot Ion:168 Resp: 187756

Ion Ratio Lower Upper

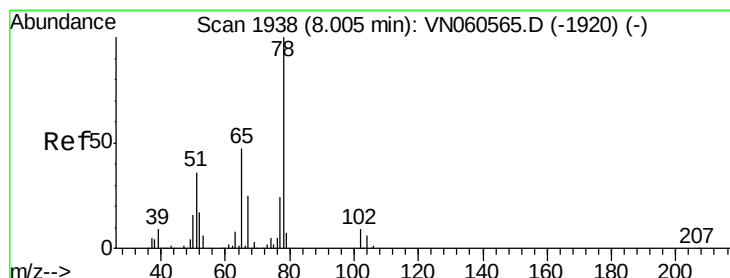
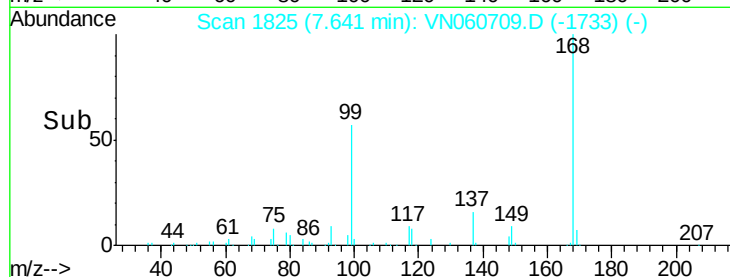
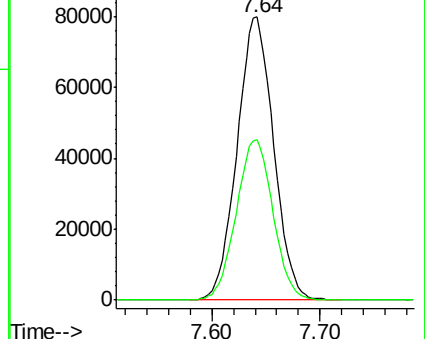
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 46.554 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060709.D

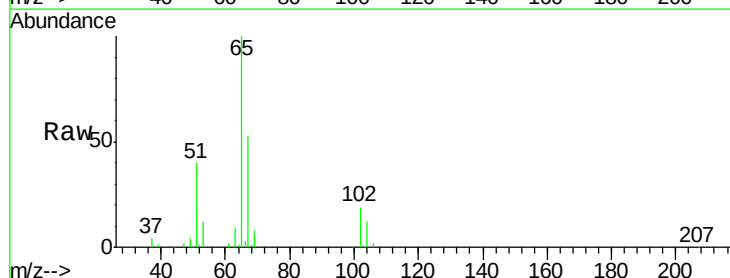
Acq: 26 Mar 2020 13:10

Tgt Ion: 65 Resp: 119992

Ion Ratio Lower Upper

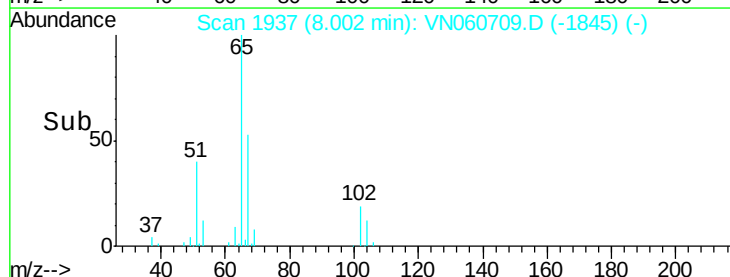
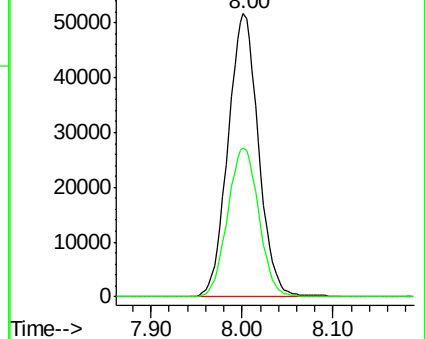
65 100

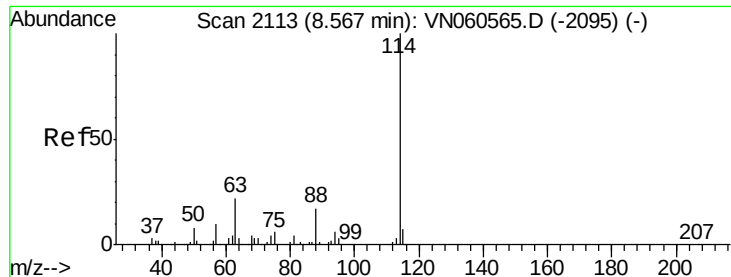
67 53.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060709.D

Acq: 26 Mar 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

TB-20200315

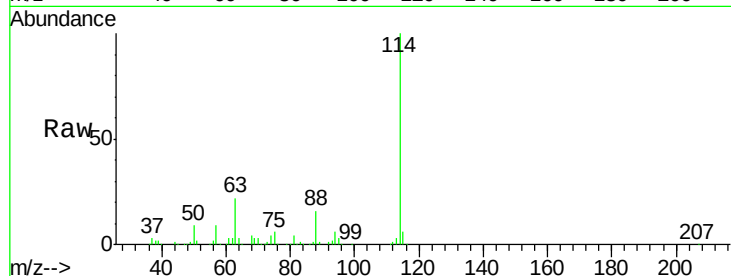
Tot Ion:114 Resp: 313757

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

88 16.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN

200000

150000

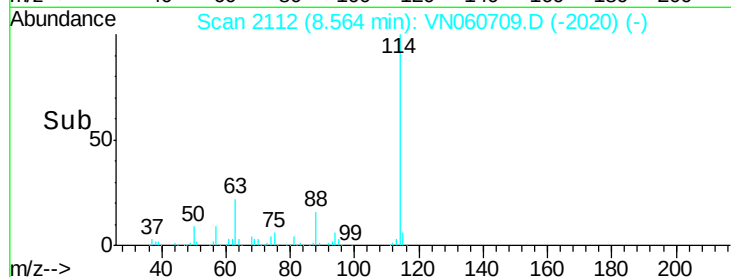
100000

50000

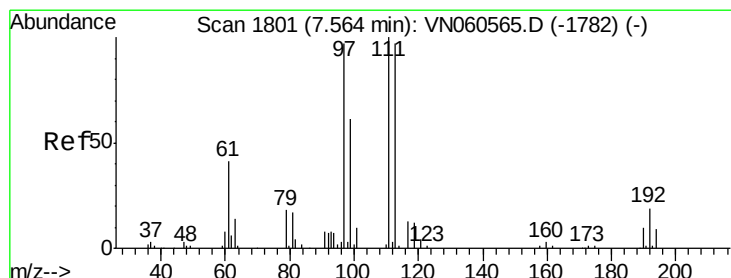
0

8.56

8.50 8.60 8.70



Time-->



#35

Dibromofluoromethane

Concen: 48.625 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060709.D

Acq: 26 Mar 2020 13:10

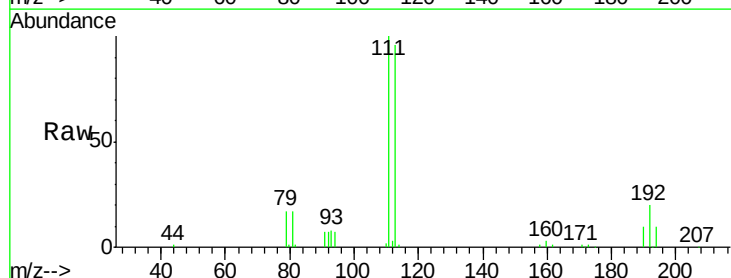
Tgt Ion:113 Resp: 92251

Ion Ratio Lower Upper

113 100

111 104.1 82.9 124.3

192 20.6 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

50000

40000

30000

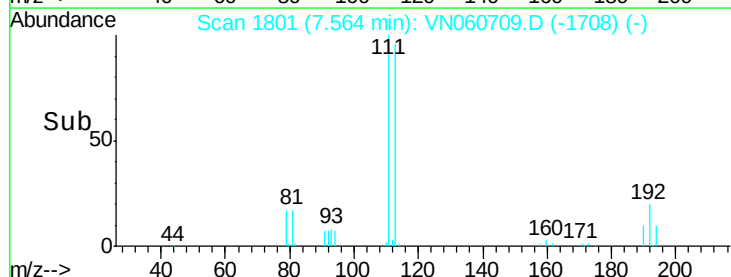
20000

10000

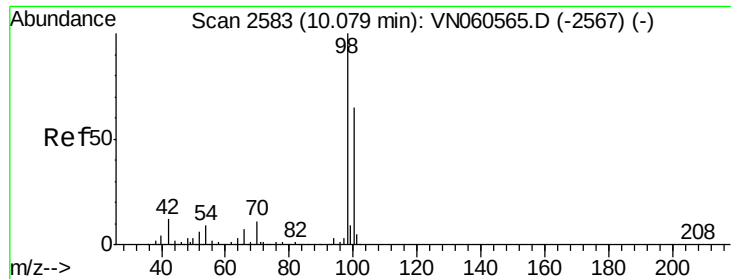
0

7.56

7.50 7.60



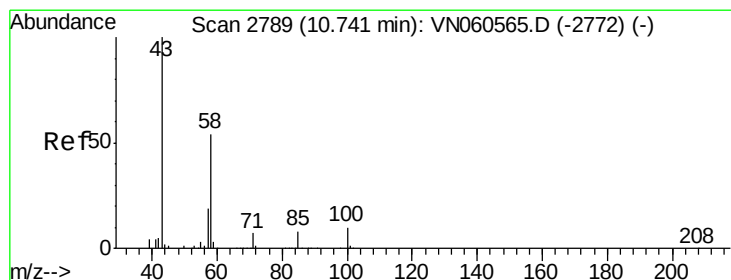
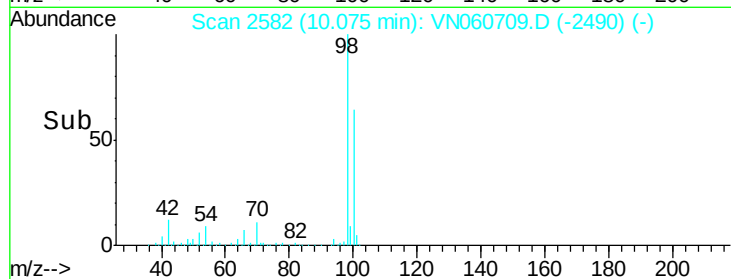
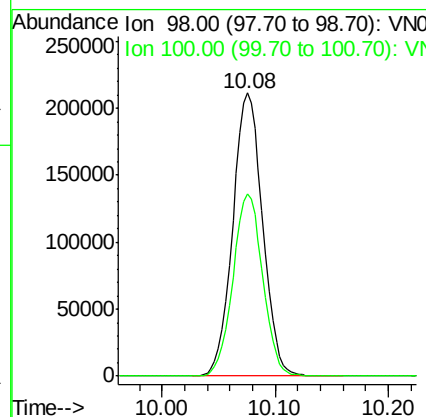
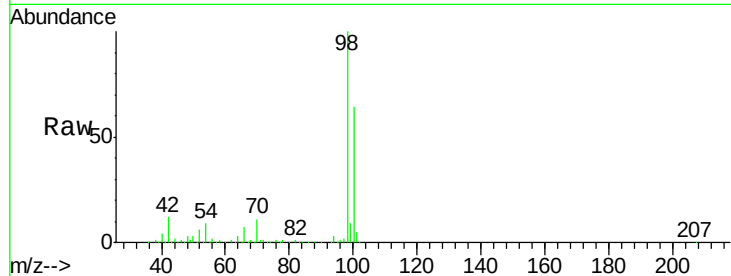
Time-->



#50
Toluene-d8
Concen: 49.922 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060709.D
Acq: 26 Mar 2020 13:10

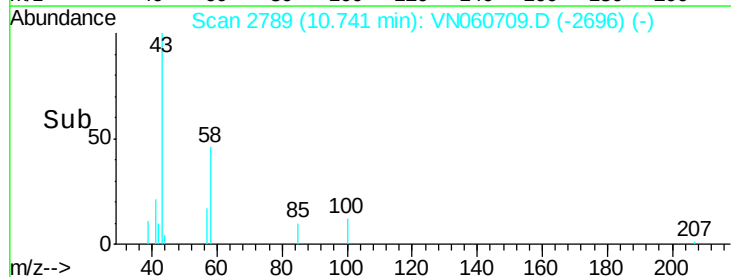
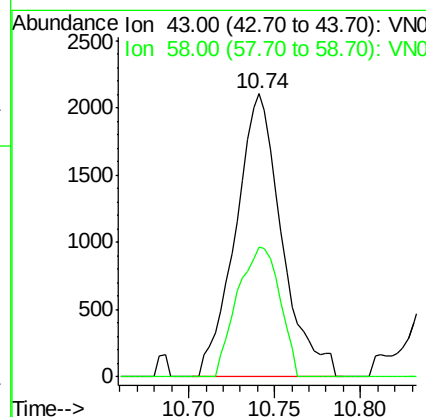
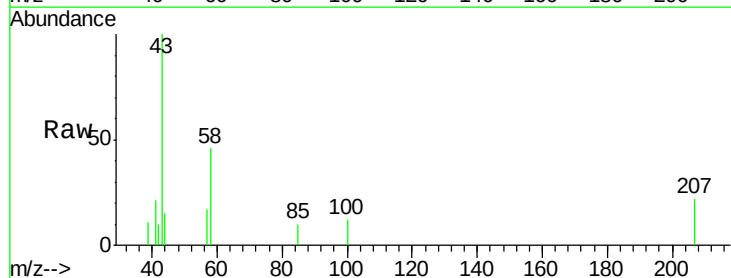
Instrument :
MSVOA_N
ClientSampleId :
TB-20200315

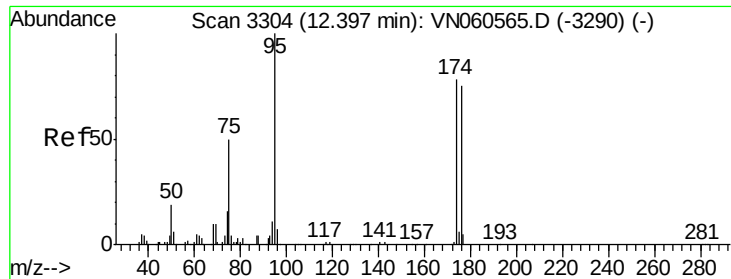
Tot Ion: 98 Resp: 386859
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8



#59
2-Hexanone
Concen: 1.779 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060709.D
Acq: 26 Mar 2020 13:10

Tgt Ion: 43 Resp: 3949
Ion Ratio Lower Upper
43 100
58 42.2 26.7 80.1

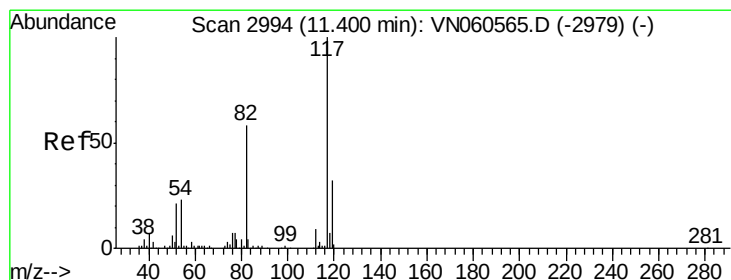
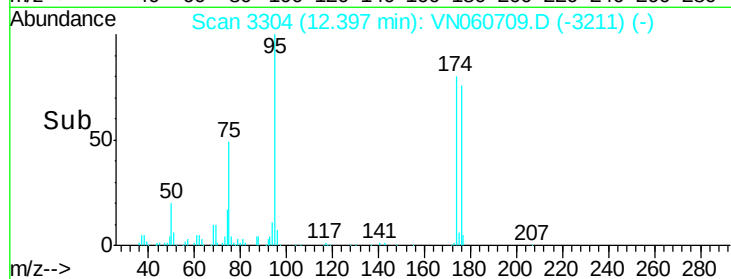
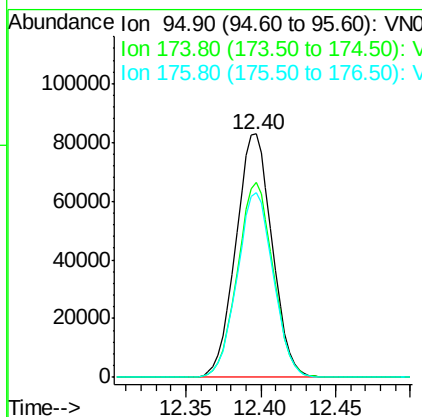
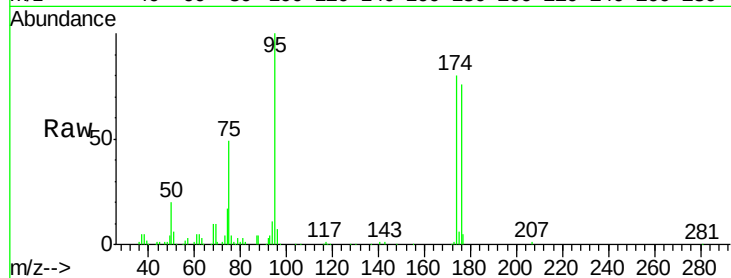




#62
4-Bromofluorobenzene
Concen: 49.256 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060709.D
Acq: 26 Mar 2020 13:10

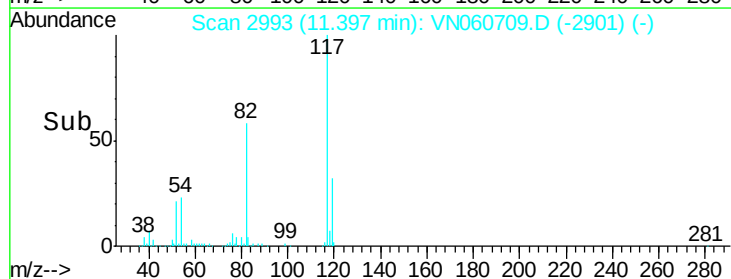
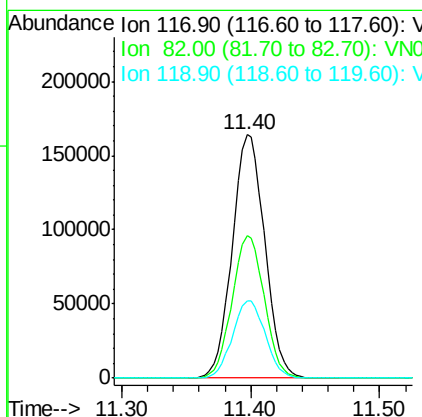
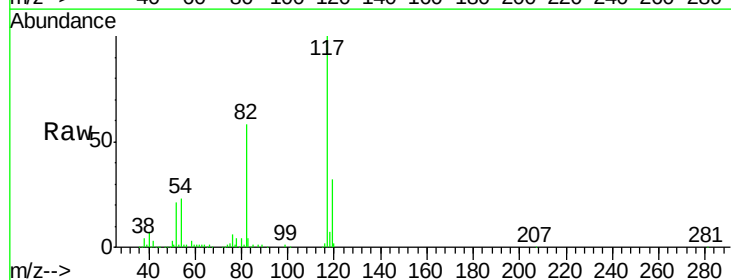
Instrument :
MSVOA_N
ClientSampled :
TB-20200315

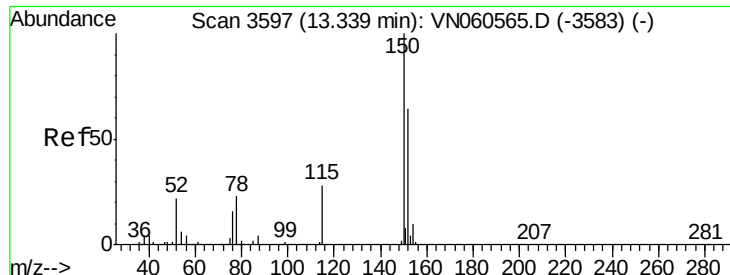
Tot Ion: 95 Resp: 139886
Ion Ratio Lower Upper
95 100
174 78.8 0.0 157.6
176 75.6 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060709.D
Acq: 26 Mar 2020 13:10

Tgt Ion: 117 Resp: 286741
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 31.8 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: VN060709.D

Acq: 26 Mar 2020 13:10

Instrument :

MSVOA_N

ClientSampleId :

TB-20200315

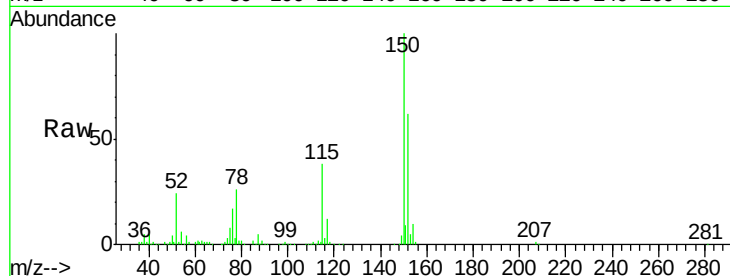
Tot Ion:152 Resp: 126338

Ion Ratio Lower Upper

152 100

115 60.3 30.2 90.6

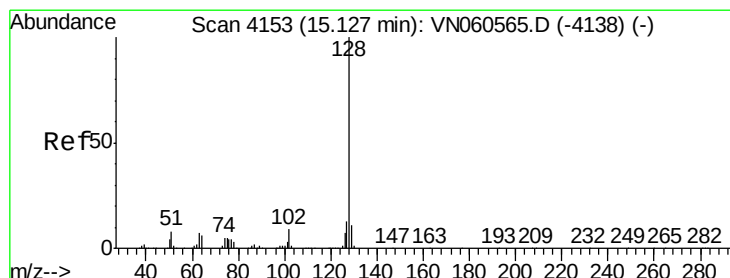
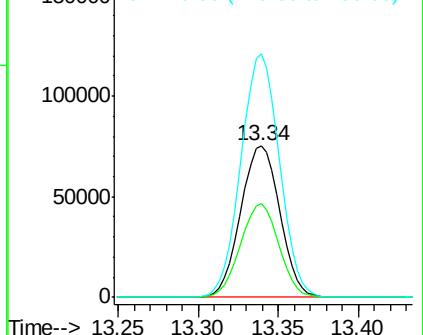
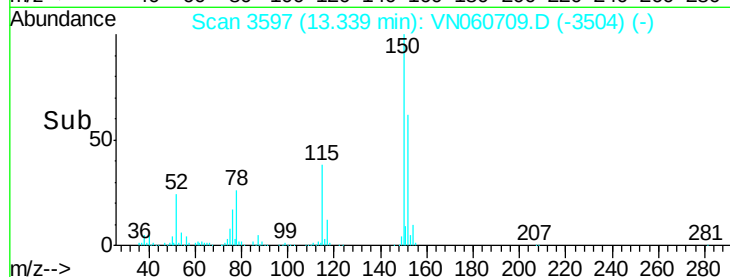
150 157.7 0.0 350.2



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



#95

Naphthalene

Concen: 0.899 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060709.D

Acq: 26 Mar 2020 13:10

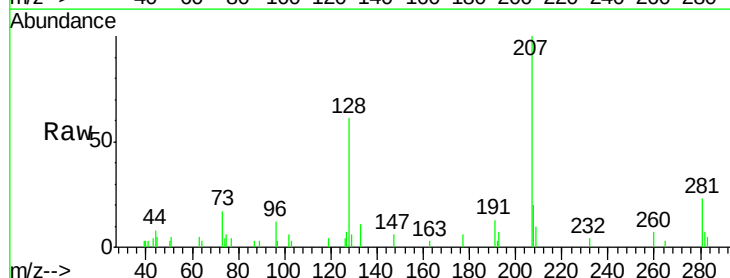
Tgt Ion:128 Resp: 6400

Ion Ratio Lower Upper

128 100

127 10.5 10.2 15.2

129 9.3 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

