

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060591.D
 Acq On : 18 Mar 2020 14:55
 Operator : JC/MD
 Sample : L1917-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-725

Quant Time: Mar 19 05:58:37 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

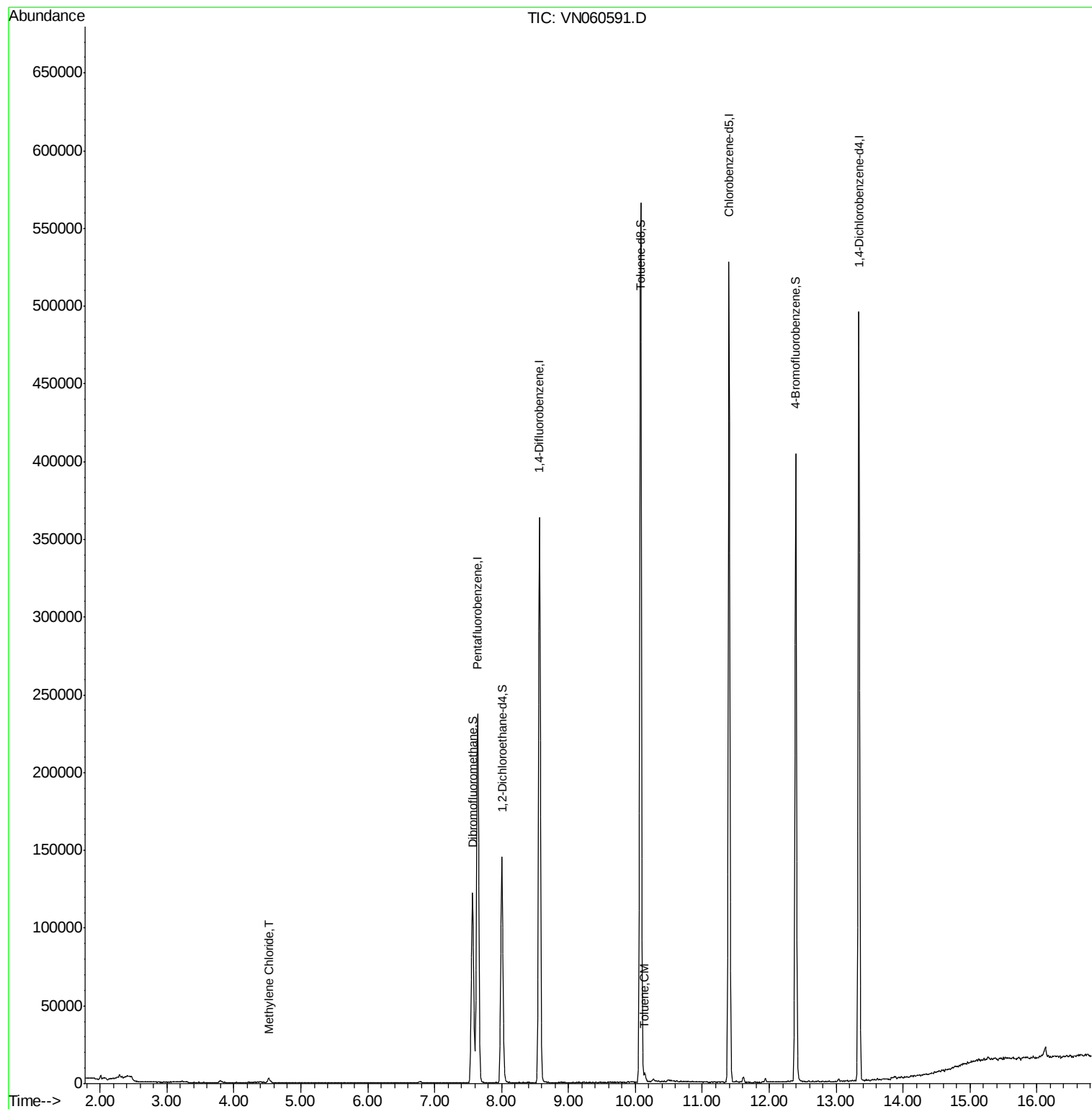
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	317763	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	295212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	129930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	124353	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
35) Dibromofluoromethane	7.57	113	94769	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	10.08	98	392367	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	142300	49.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.94%	
Target Compounds						
20) Methylene Chloride	4.52	84	2226	0.954	ug/l	89
52) Toluene	10.14	92	2401	0.428	ug/l	99

(#) = 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: VN060591.D

Acq: 18 Mar 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

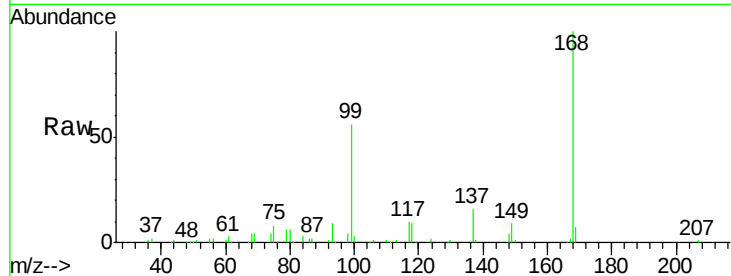
MH-725

Tot Ion:168 Resp: 195144

Ion Ratio Lower Upper

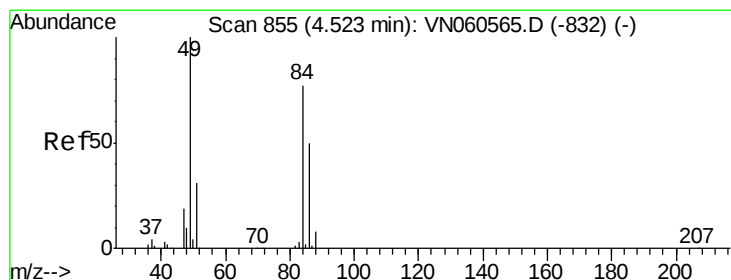
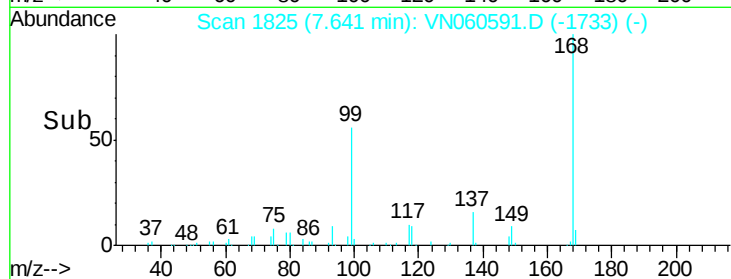
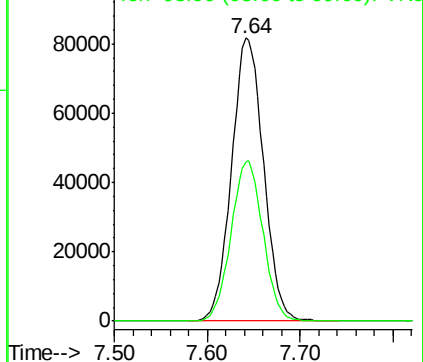
168 100

99 56.4 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#20

Methylene Chloride

Concen: 0.954 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN060591.D

Acq: 18 Mar 2020 14:55

Tgt Ion: 84 Resp: 2226

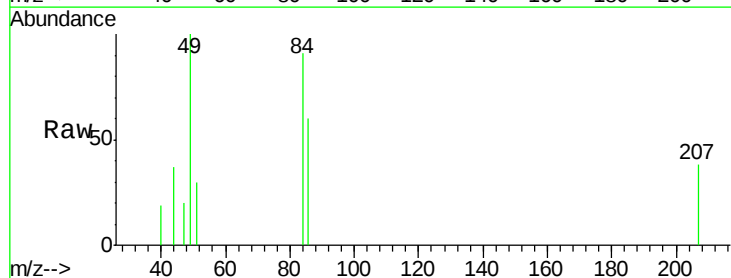
Ion Ratio Lower Upper

84 100

49 109.8 103.3 154.9

51 32.6 31.6 47.4

86 65.8 52.0 78.0

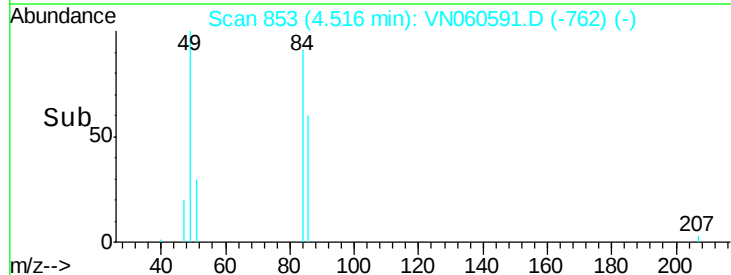
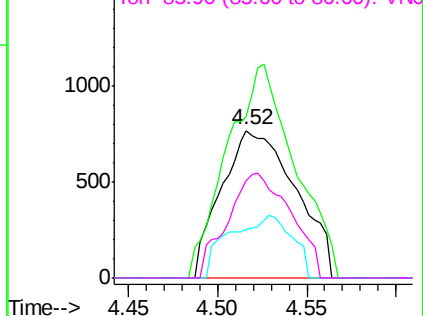


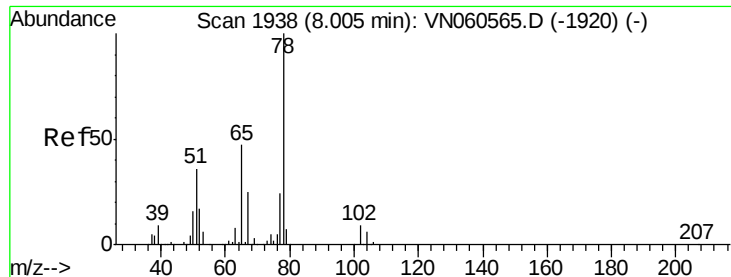
Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

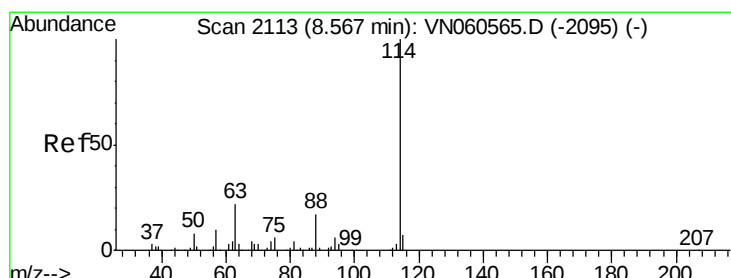
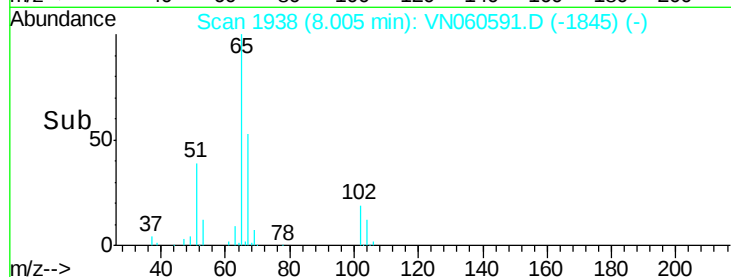
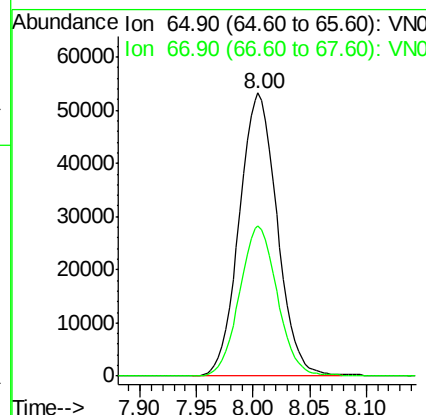
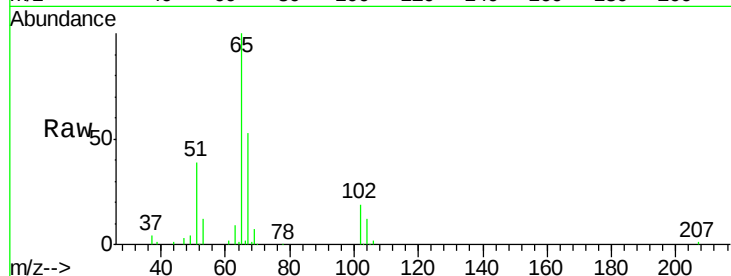




#33
 1,2-Dichloroethane-d4
 Concen: 46.420 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060591.D
 Acq: 18 Mar 2020 14:55

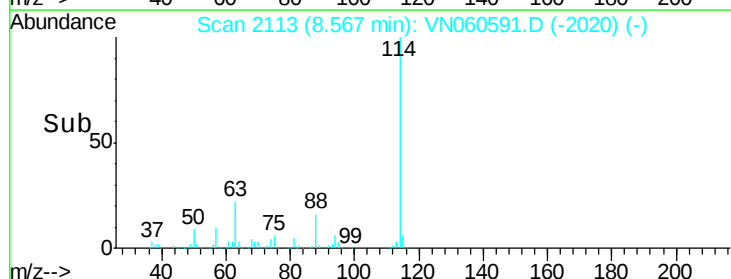
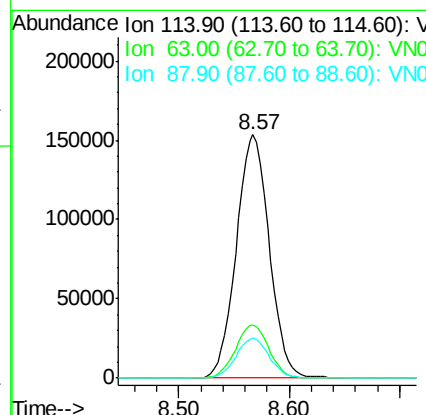
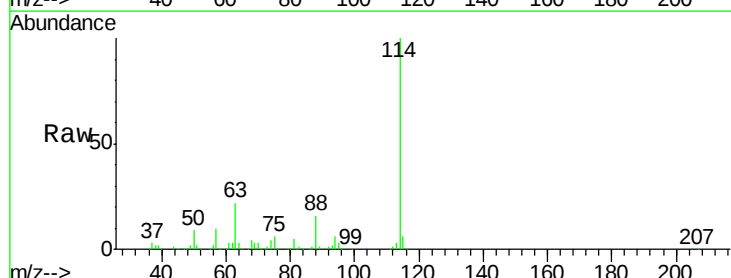
Instrument :
 MSVOA_N
 ClientSampled :
 MH-725

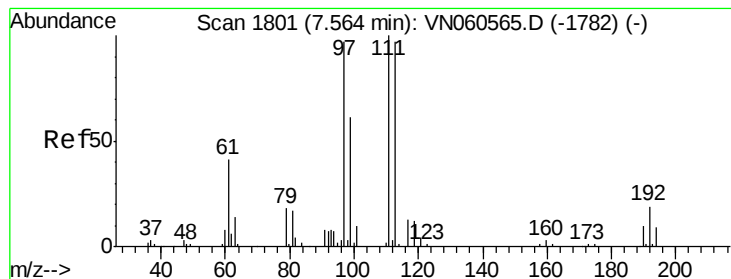
Tot Ion: 65 Resp: 124353
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060591.D
 Acq: 18 Mar 2020 14:55

Tgt Ion: 114 Resp: 317763
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.323 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060591.D

Acq: 18 Mar 2020 14:55

Instrument :

MSVOA_N

ClientSampleId :

MH-725

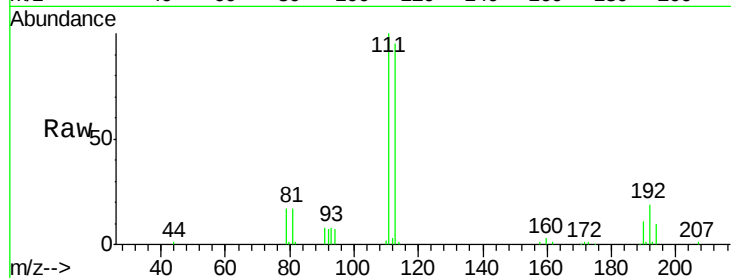
Tot Ion:113 Resp: 94769

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

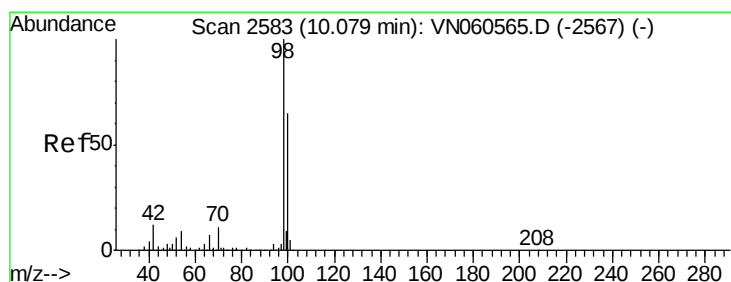
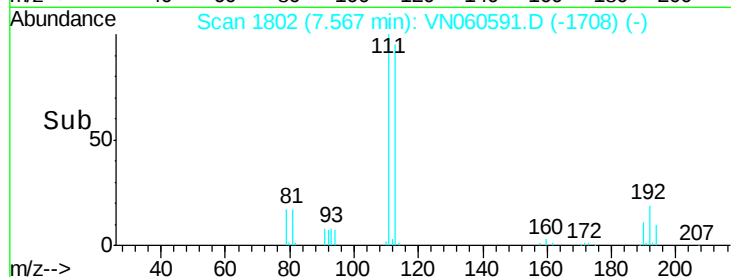
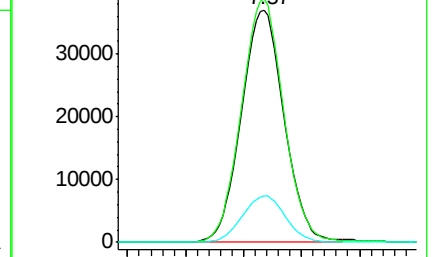
192 20.3 15.8 23.8



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: 49.994 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060591.D

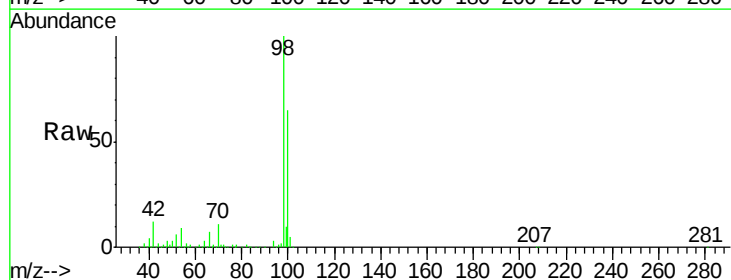
Acq: 18 Mar 2020 14:55

Tgt Ion: 98 Resp: 392367

Ion Ratio Lower Upper

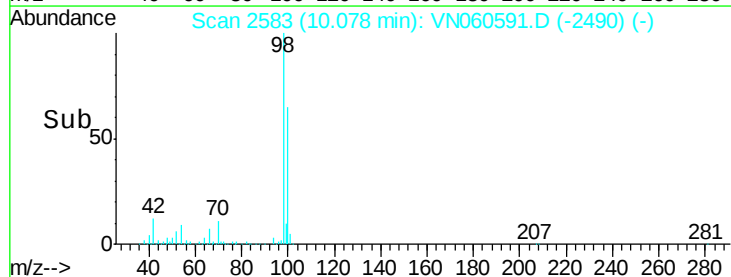
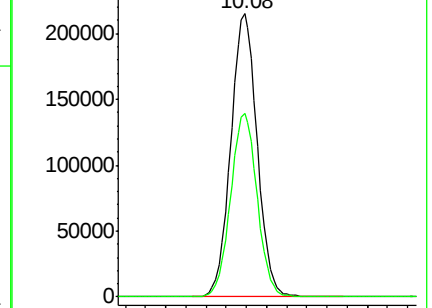
98 100

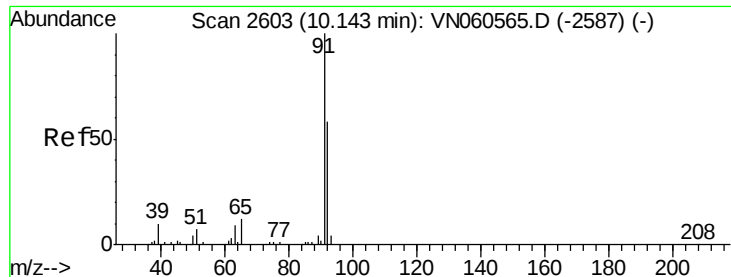
100 65.2 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#52

Toluene

Concen: 0.428 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060591.D

Acq: 18 Mar 2020 14:55

Instrument :

MSVOA_N

ClientSampled :

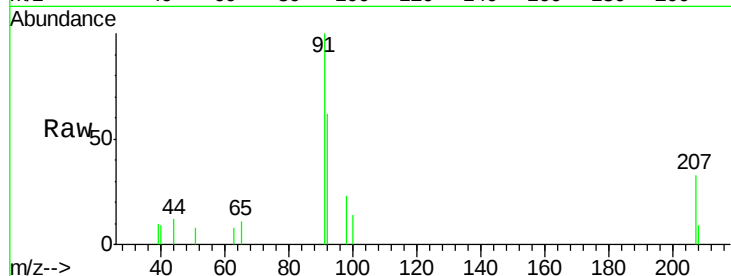
MH-725

Tot Ion: 92 Resp: 2401

Ion Ratio Lower Upper

92 100

91 173.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

2500

2000

1500

1000

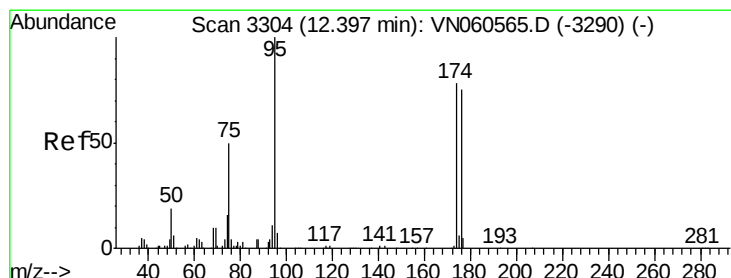
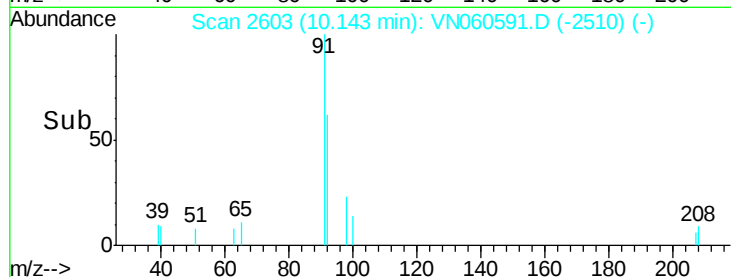
500

0

10.10

10.15

Time-->



#62

4-Bromofluorobenzene

Concen: 49.474 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060591.D

Acq: 18 Mar 2020 14:55

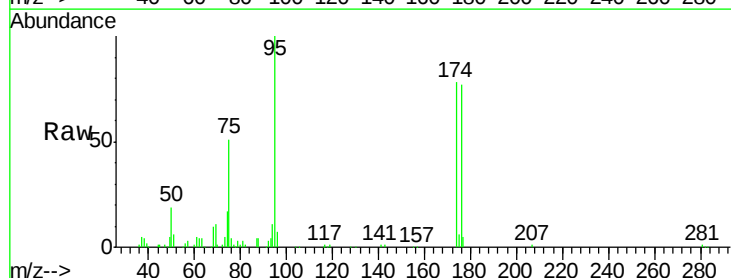
Tgt Ion: 95 Resp: 142300

Ion Ratio Lower Upper

95 100

174 77.8 0.0 157.6

176 77.1 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

100000

80000

60000

40000

20000

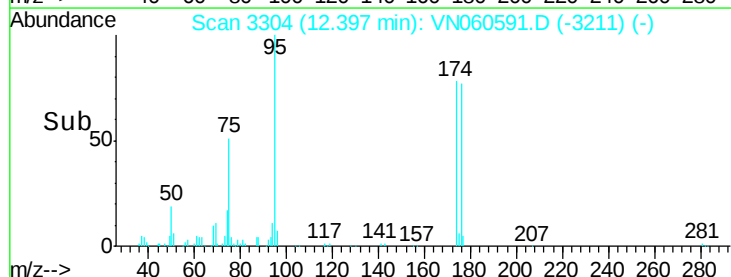
0

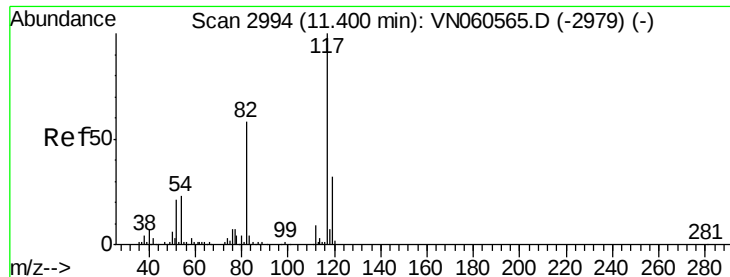
12.30

12.40

12.50

Time-->

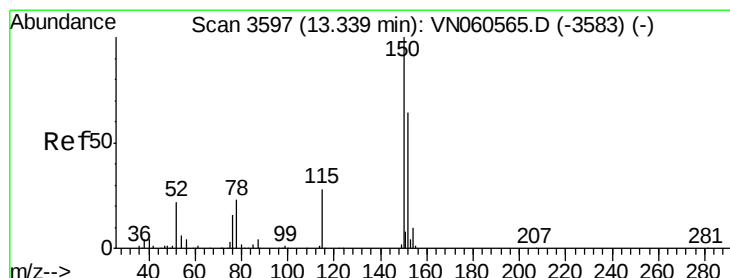
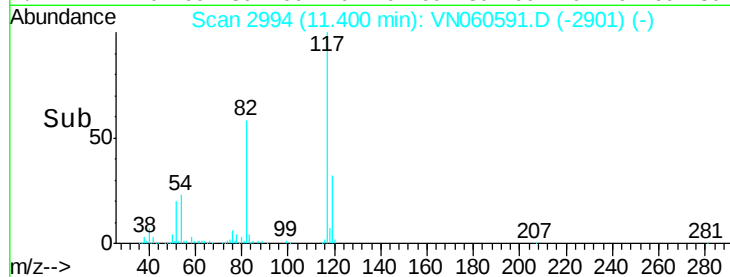
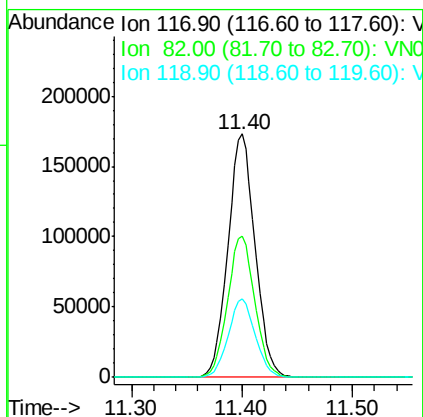
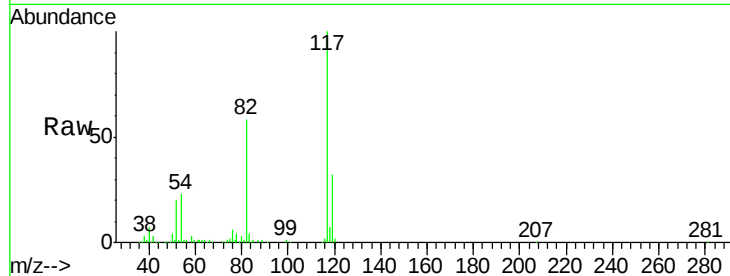




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060591.D
Acq: 18 Mar 2020 14:55

Instrument :
MSVOA_N
ClientSampleId :
MH-725

Tot Ion:117 Resp: 295212
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 32.2 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: VN060591.D
Acq: 18 Mar 2020 14:55

Tgt Ion:152 Resp: 129930
Ion Ratio Lower Upper
152 100
115 59.5 30.2 90.6
150 157.0 0.0 350.2

