

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN080218\  
 Data File : VN050302.D  
 Acq On : 3 Aug 2018 7:56  
 Operator : MD\SY  
 Sample : J4303-09  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-A20

Quant Time: Aug 07 05:44:37 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N072418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jul 26 18:10:10 2018  
 Response via : Initial Calibration

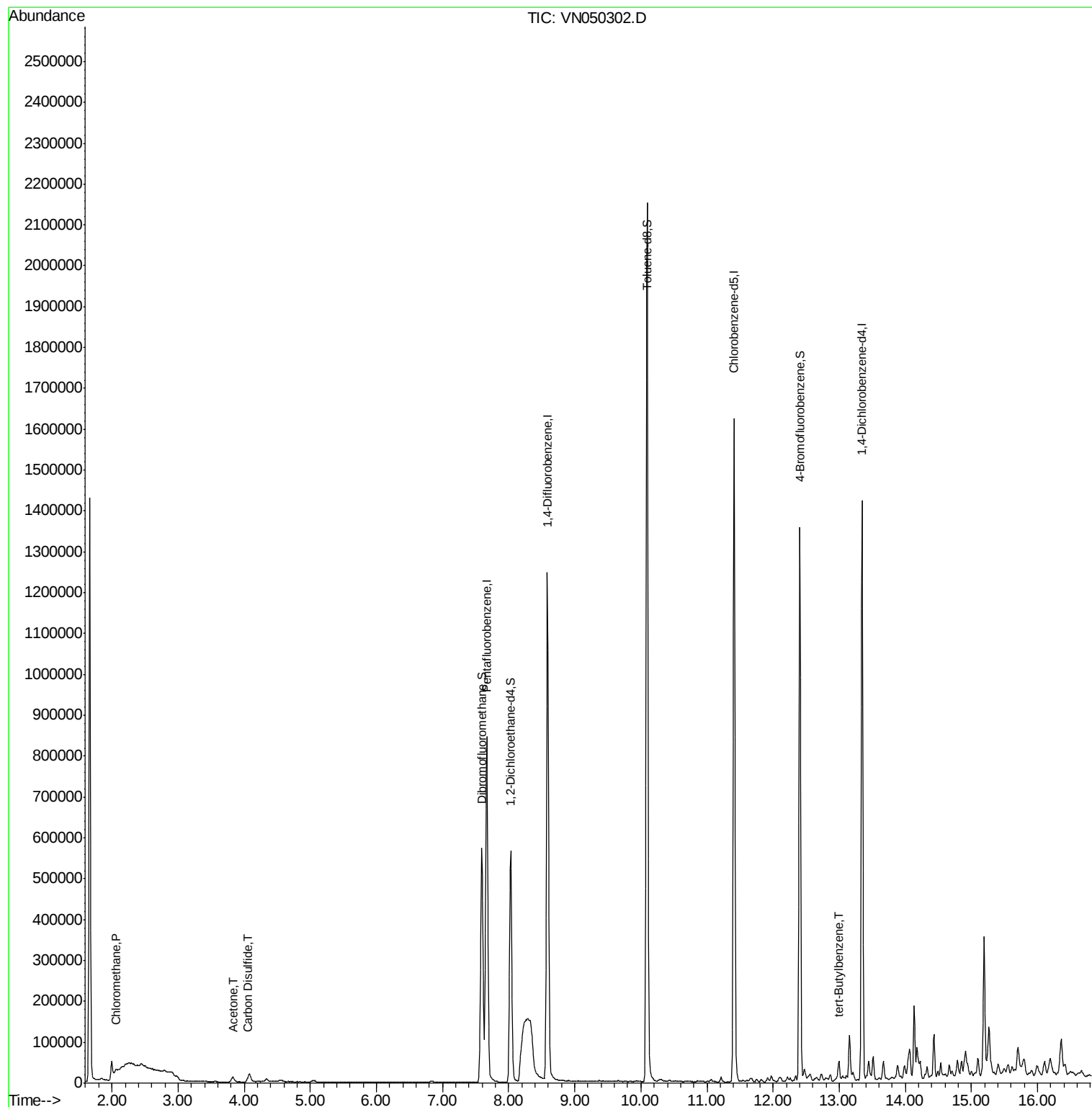
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 728553   | 50.00 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 1169657  | 50.00 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 972984   | 50.00 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 395010   | 50.00 | ug/l   | 0.00     |
| System Monitoring Compounds |       |      |          |       |        |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 497362   | 48.93 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 97.86% |          |
| 35) Dibromofluoromethane    | 7.60  | 113  | 448055   | 46.92 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.84% |          |
| 50) Toluene-d8              | 10.09 | 98   | 1579219  | 44.98 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.96% |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 453646   | 39.24 | ug/l   | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 78.48% |          |
| Target Compounds            |       |      |          |       |        |          |
| 3) Chloromethane            | 2.06  | 50   | 3655     | 0.321 | ug/l   | 92       |
| 16) Acetone                 | 3.83  | 43   | 21558    | 4.744 | ug/l   | 99       |
| 17) Carbon Disulfide        | 4.05  | 76   | 8682     | 0.337 | ug/l   | 98       |
| 83) tert-Butylbenzene       | 12.99 | 119  | 19946    | 0.948 | ug/l   | 95       |

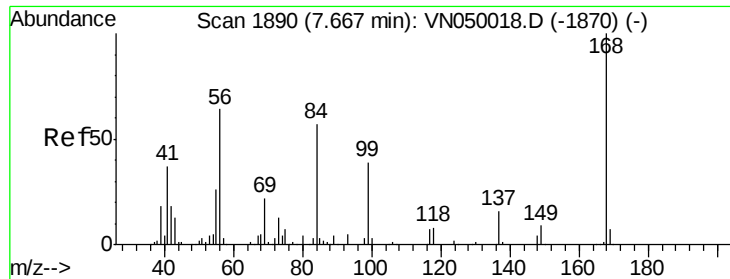
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260  
QLast Update : Thu Jul 26 18:10:10 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050302.D

Acq: 3 Aug 2018 7:56

Instrument :

MSVOA\_N

ClientSampleId :

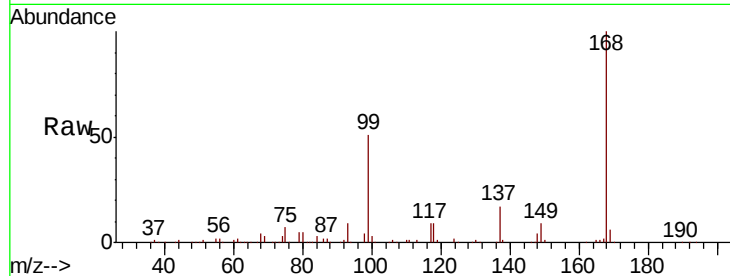
MW-A20

Tgt Ion:168 Resp: 728553

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

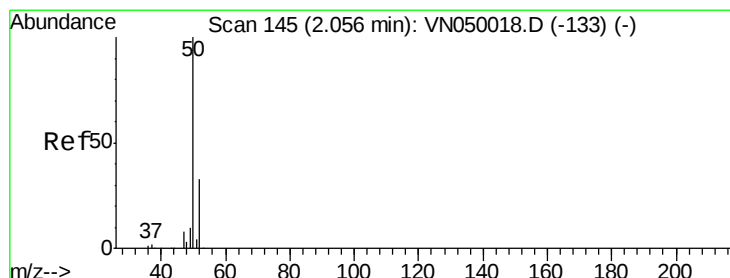
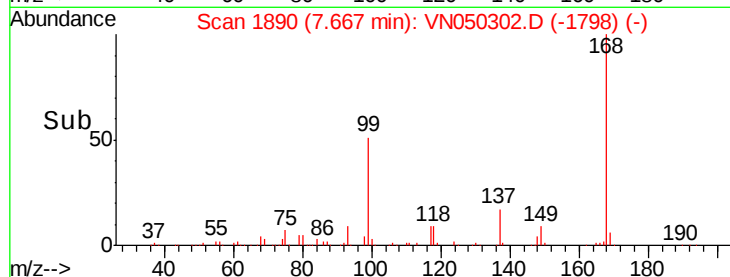
200000

100000

0

Time-->

7.60 7.70 7.80



#3

Chloromethane

Concen: 0.321 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN050302.D

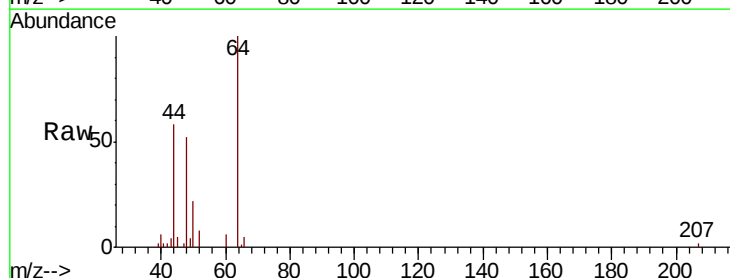
Acq: 3 Aug 2018 7:56

Tgt Ion: 50 Resp: 3655

Ion Ratio Lower Upper

50 100

52 36.7 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

3000

2500

2000

1500

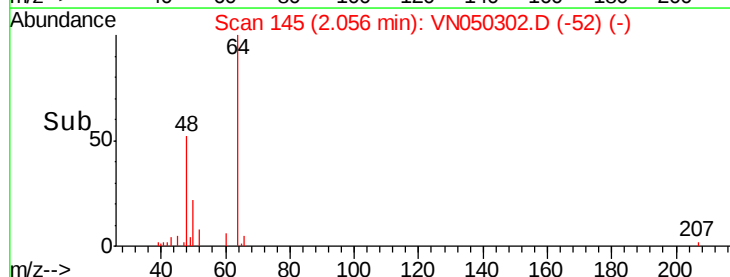
1000

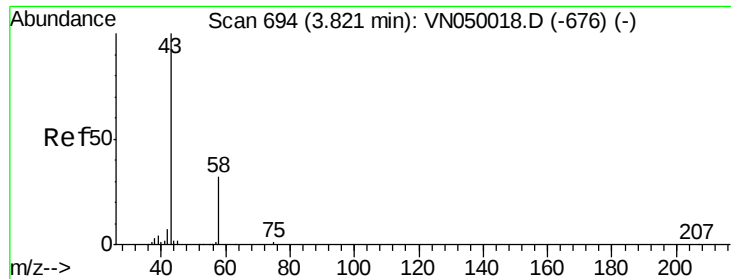
500

0

Time-->

2.00 2.05 2.10





#16

Acetone

Concen: 4.744 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050302.D

Acq: 3 Aug 2018 7:56

Instrument :

MSVOA\_N

ClientSampled :

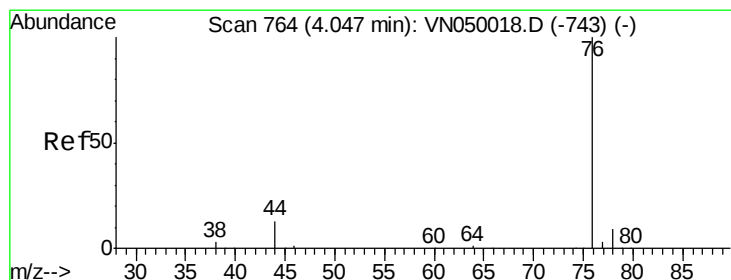
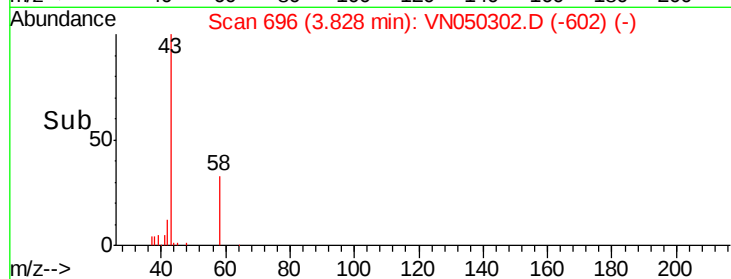
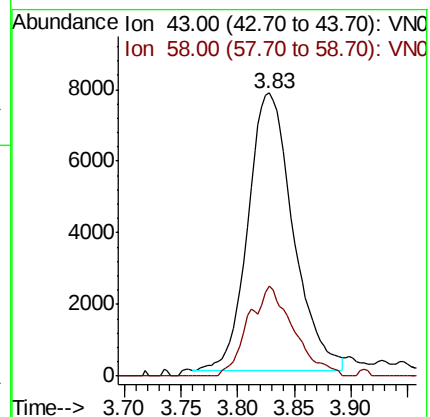
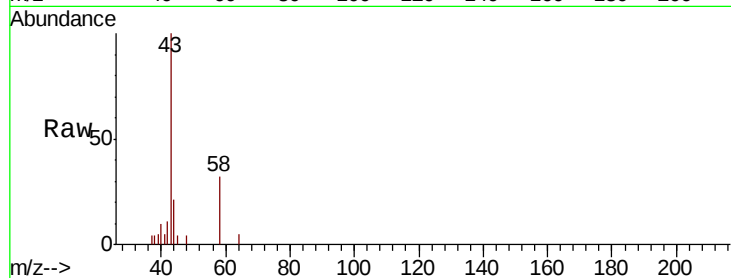
MW-A20

Tgt Ion: 43 Resp: 21558

Ion Ratio Lower Upper

43 100

58 32.6 25.8 38.8



#17

Carbon Disulfide

Concen: 0.337 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050302.D

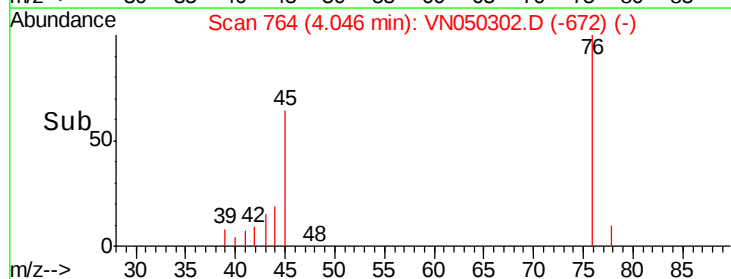
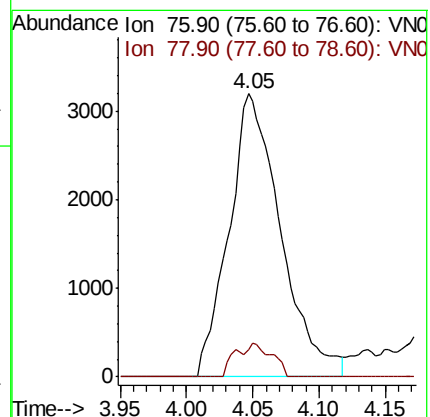
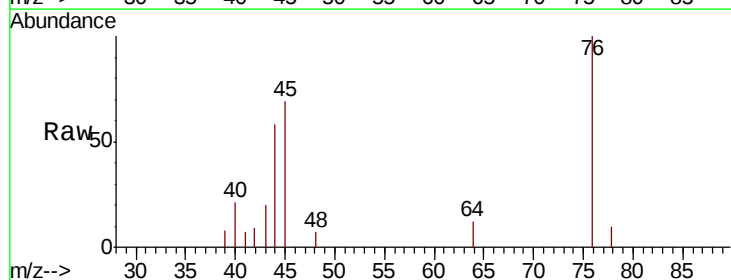
Acq: 3 Aug 2018 7:56

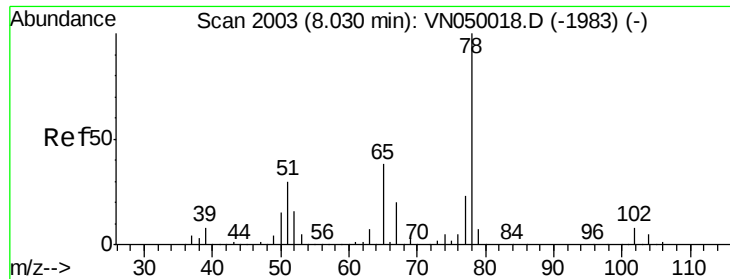
Tgt Ion: 76 Resp: 8682

Ion Ratio Lower Upper

76 100

78 9.9 7.3 10.9

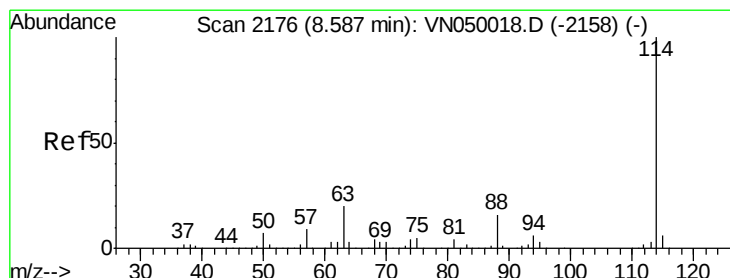
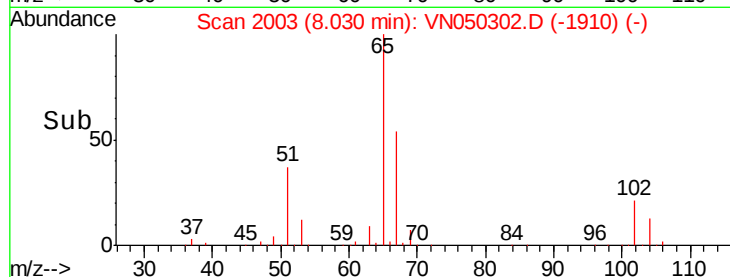
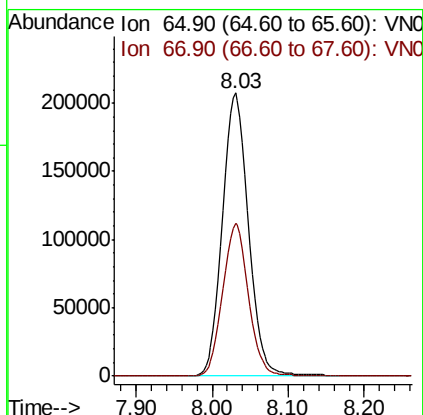
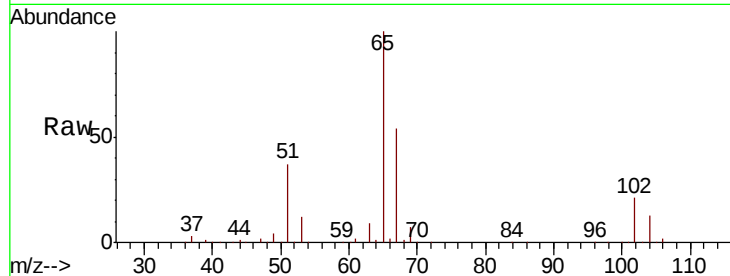




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.929 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: VN050302.D  
 Acq: 3 Aug 2018 7:56

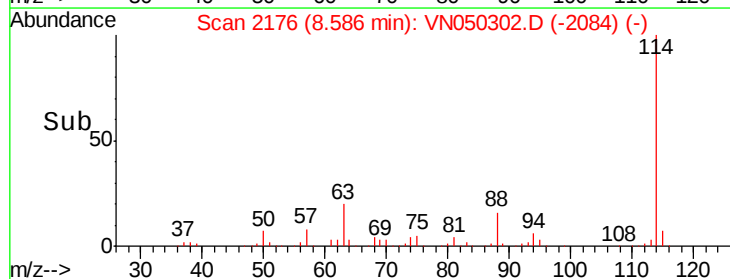
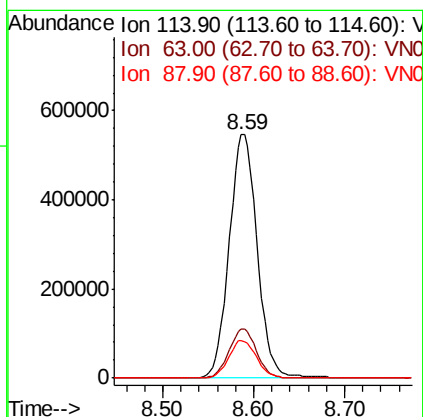
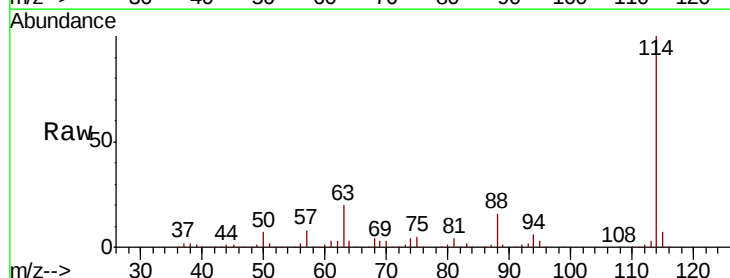
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-A20

Tgt Ion: 65 Resp: 497362  
 Ion Ratio Lower Upper  
 65 100  
 67 53.0 0.0 108.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. -0.00 min  
 Lab File: VN050302.D  
 Acq: 3 Aug 2018 7:56

Tgt Ion: 114 Resp: 1169657  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 40.0  
 88 15.6 0.0 31.2

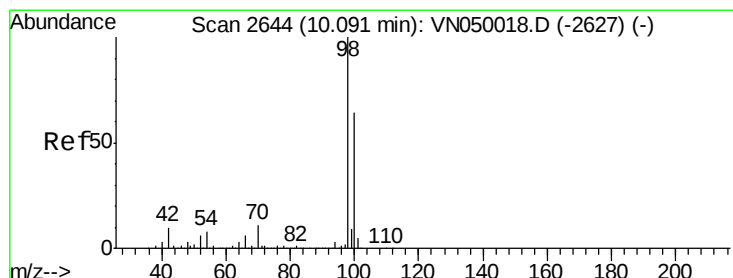
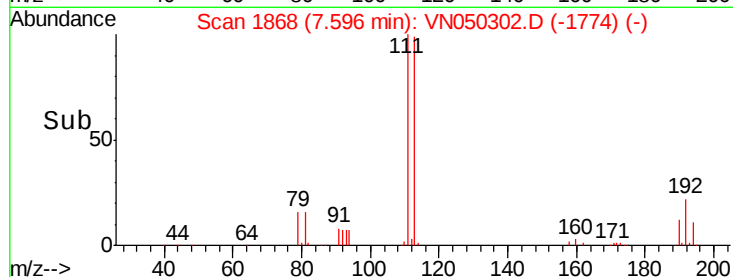
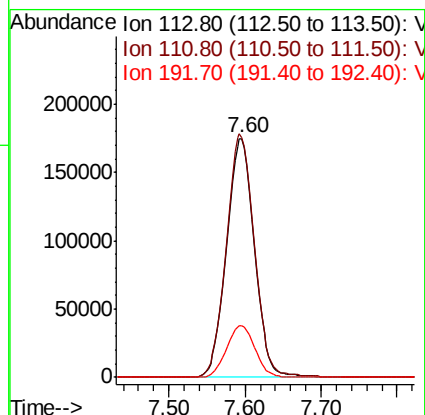
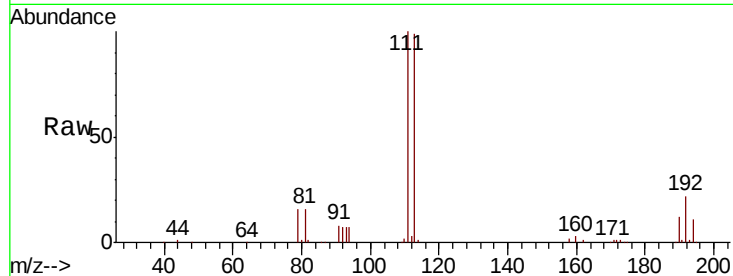




#35  
 Dibromofluoromethane  
 Concen: 46.917 ug/l  
 RT: 7.60 min Scan# 1868  
 Delta R.T. 0.00 min  
 Lab File: VN050302.D  
 Acq: 3 Aug 2018 7:56

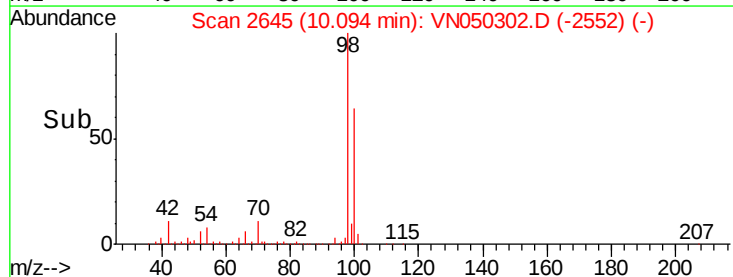
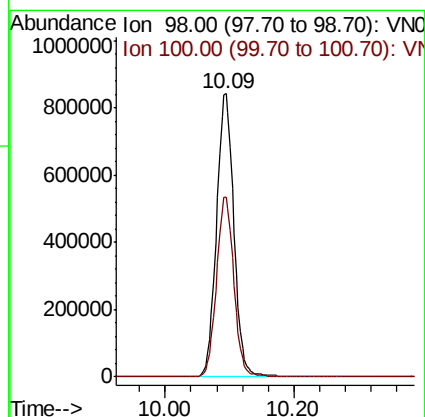
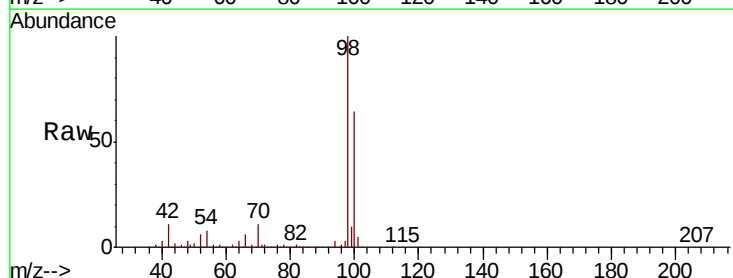
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW-A20

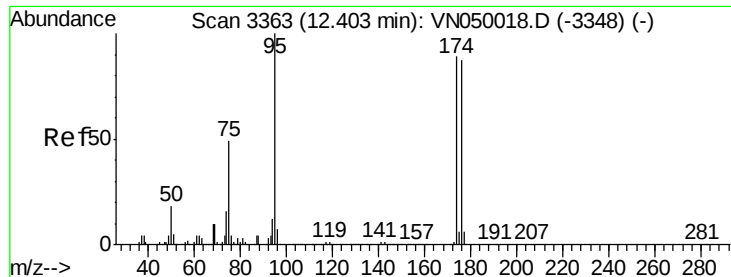
Tgt Ion: 113 Resp: 448055  
 Ion Ratio Lower Upper  
 113 100  
 111 102.1 80.7 121.1  
 192 22.0 17.8 26.6



#50  
 Toluene-d8  
 Concen: 44.980 ug/l  
 RT: 10.09 min Scan# 2645  
 Delta R.T. 0.00 min  
 Lab File: VN050302.D  
 Acq: 3 Aug 2018 7:56

Tgt Ion: 98 Resp: 1579219  
 Ion Ratio Lower Upper  
 98 100  
 100 63.6 50.7 76.1

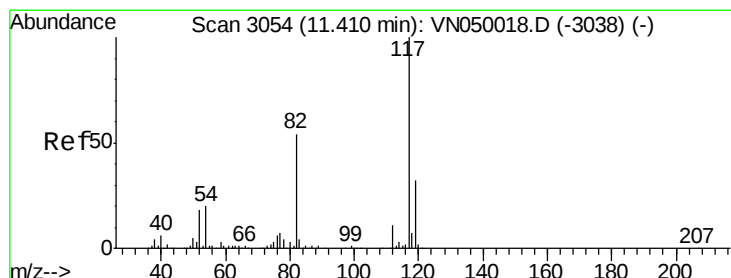
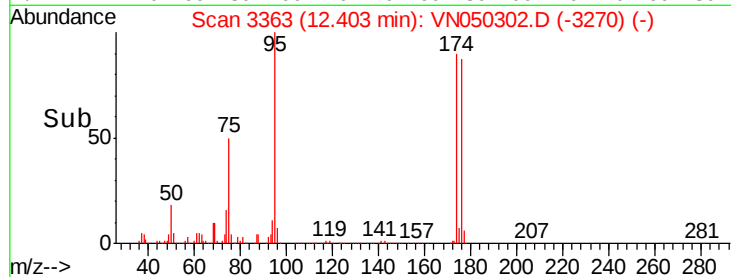
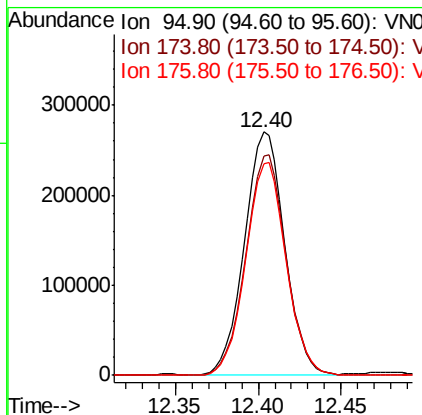
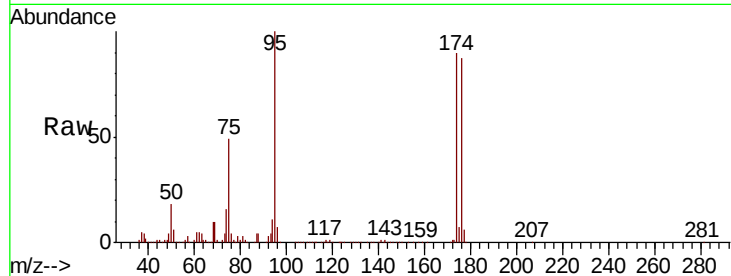




#62  
4-Bromofluorobenzene  
Concen: 39.240 ug/l  
RT: 12.40 min Scan# 3363  
Delta R.T. 0.00 min  
Lab File: VN050302.D  
Acq: 3 Aug 2018 7:56

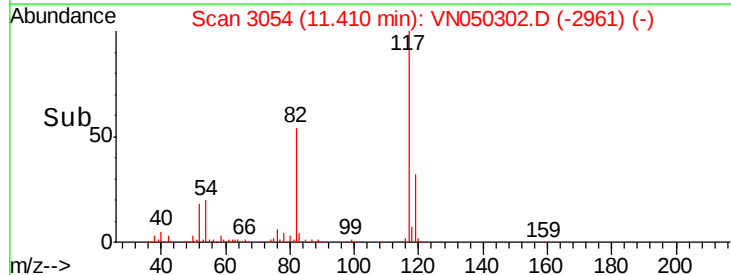
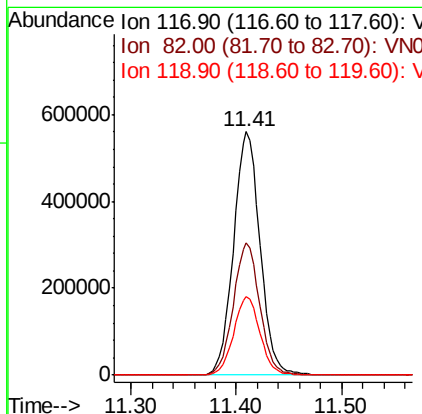
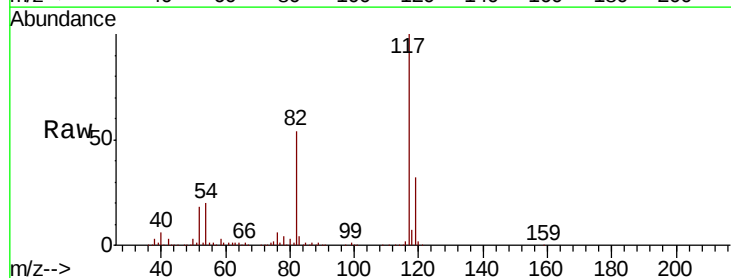
Instrument :  
MSVOA\_N  
ClientSampleId :  
MW-A20

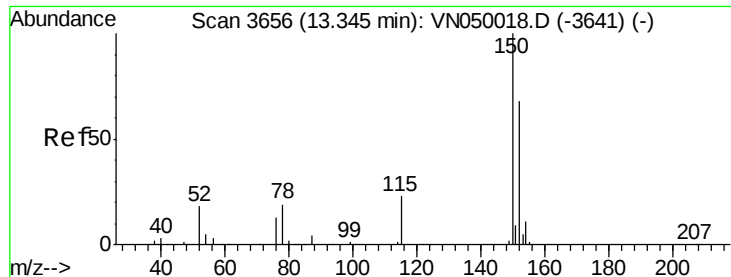
Tgt Ion: 95 Resp: 453646  
Ion Ratio Lower Upper  
95 100  
174 91.2 0.0 178.2  
176 88.2 0.0 173.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.41 min Scan# 3054  
Delta R.T. 0.00 min  
Lab File: VN050302.D  
Acq: 3 Aug 2018 7:56

Tgt Ion: 117 Resp: 972984  
Ion Ratio Lower Upper  
117 100  
82 54.2 43.7 65.5  
119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050302.D

Acq: 3 Aug 2018 7:56

Instrument :

MSVOA\_N

ClientSampled :

MW-A20

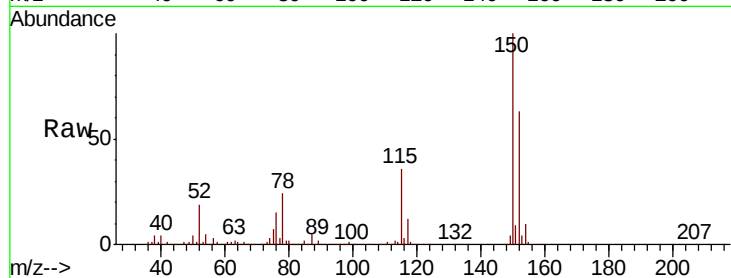
Tgt Ion:152 Resp: 395010

Ion Ratio Lower Upper

152 100

115 56.6 27.8 83.3

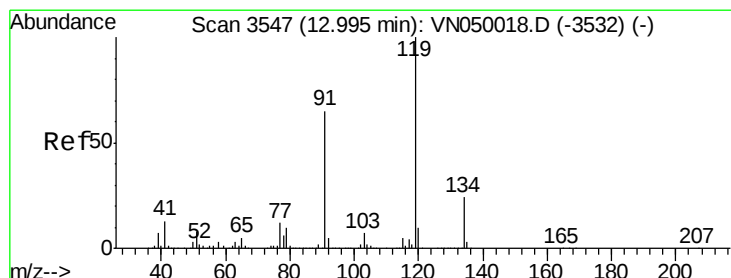
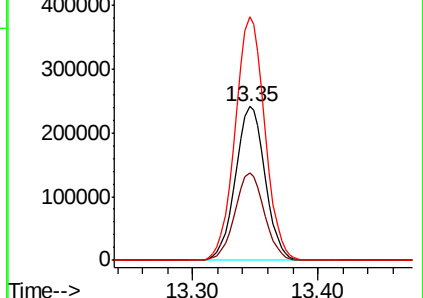
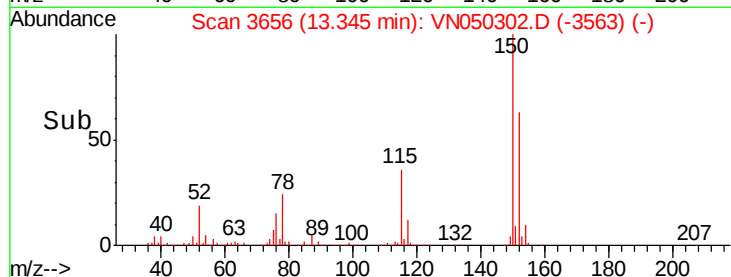
150 157.9 0.0 348.6



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



#83

tert-Butylbenzene

Concen: 0.948 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN050302.D

Acq: 3 Aug 2018 7:56

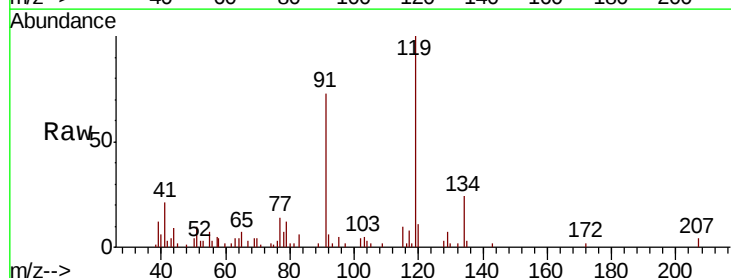
Tgt Ion:119 Resp: 19946

Ion Ratio Lower Upper

119 100

91 68.2 32.1 96.3

134 24.5 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

