

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062018\  
 Data File : VN049441.D  
 Acq On : 20 Jun 2018 17:29  
 Operator : MD\SY  
 Sample : J3575-22  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-13

Quant Time: Jun 21 01:59:40 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N061618W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Jun 16 01:02:01 2018  
 Response via : Initial Calibration

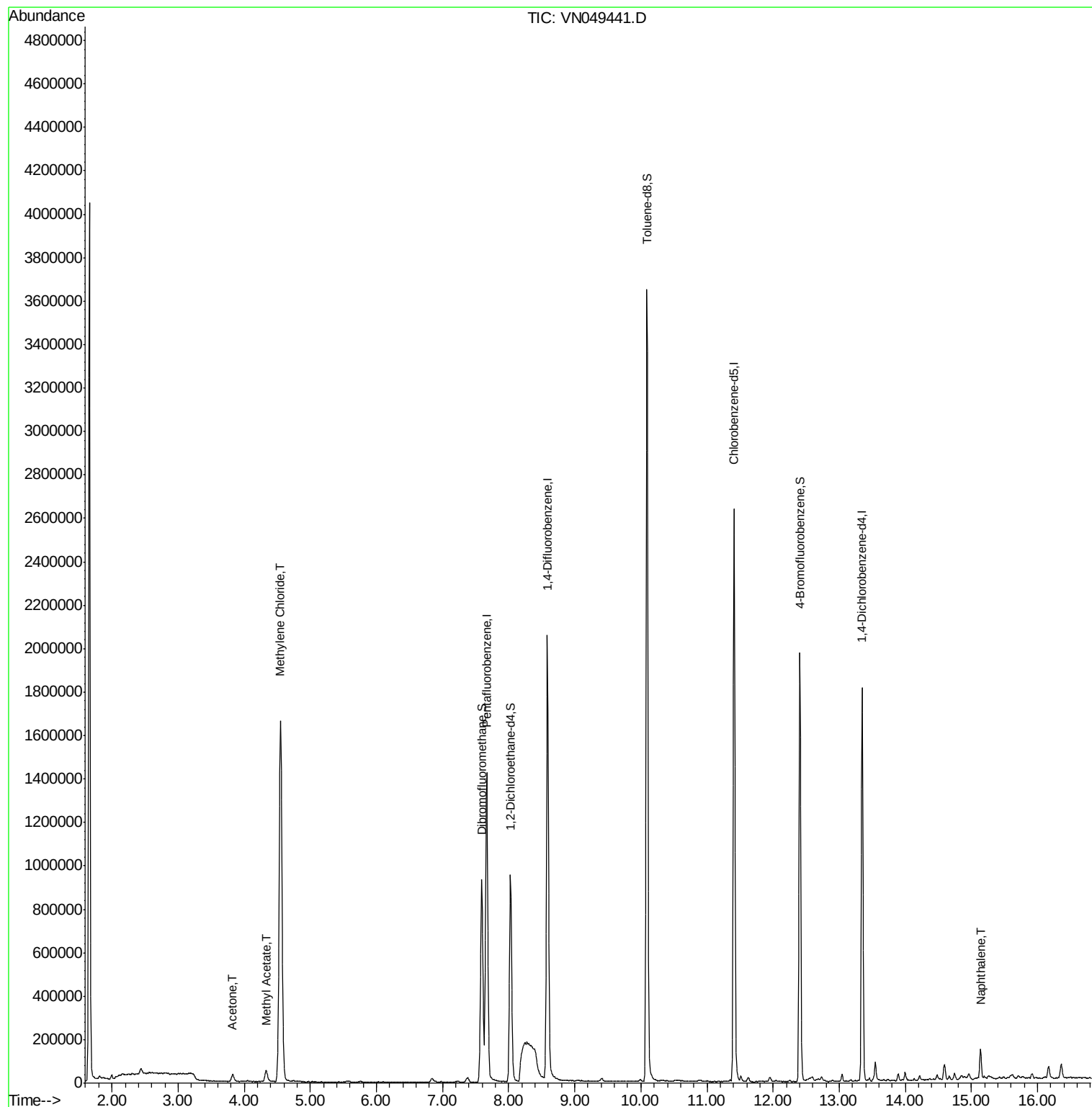
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 7.67  | 168  | 1227665  | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.59  | 114  | 1937260  | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 11.41 | 117  | 1619473  | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.35 | 152  | 528513   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 829252   | 50.93 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.86% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 719680   | 45.92 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 91.84%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 2629971  | 44.07 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.14%  |          |
| 62) 4-Bromofluorobenzene    | 12.41 | 95   | 707317   | 35.84 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 71.68%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 3.82  | 43   | 56898    | 14.39 | ug/l    | 98       |
| 18) Methyl Acetate          | 4.33  | 43   | 100614   | 8.35  | ug/l    | 97       |
| 20) Methylene Chloride      | 4.55  | 84   | 1280251  | 77.53 | ug/l    | 92       |
| 95) Naphthalene             | 15.14 | 128  | 120740   | 10.14 | ug/l    | 99       |

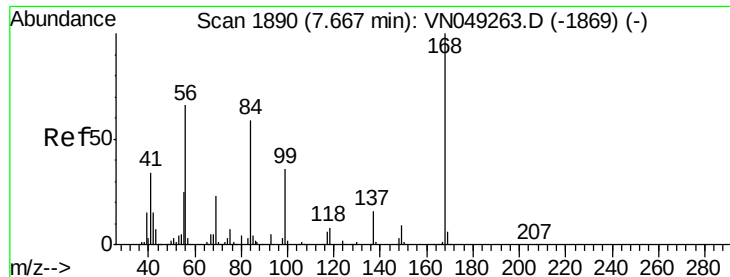
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN062018\  
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Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:02:01 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA\_N

ClientSampleId :

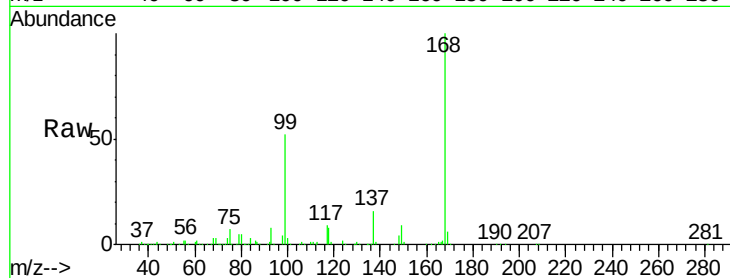
TP-13

Tot Ion:168 Resp: 1227665

Ion Ratio Lower Upper

168 100

99 51.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

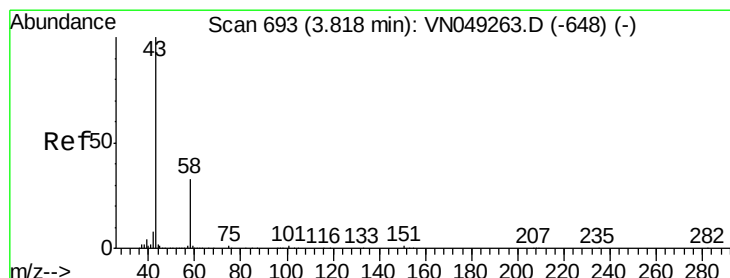
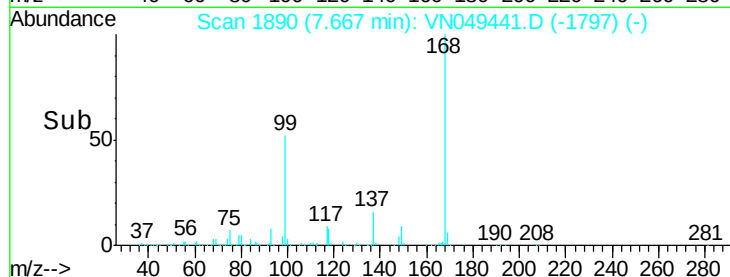
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 14.39 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049441.D

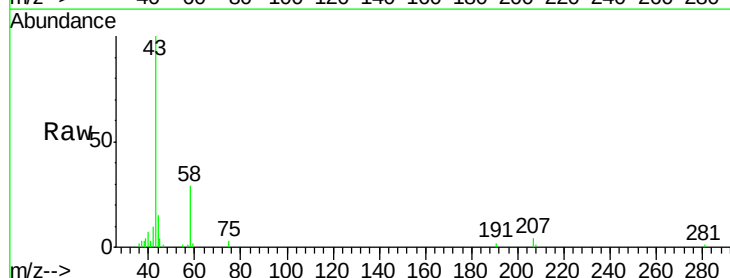
Acq: 20 Jun 2018 17:29

Tgt Ion: 43 Resp: 56898

Ion Ratio Lower Upper

43 100

58 28.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

25000

20000

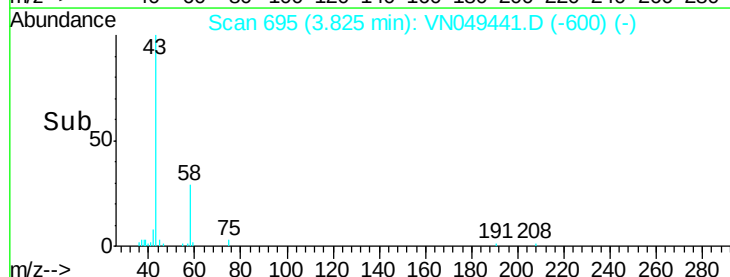
15000

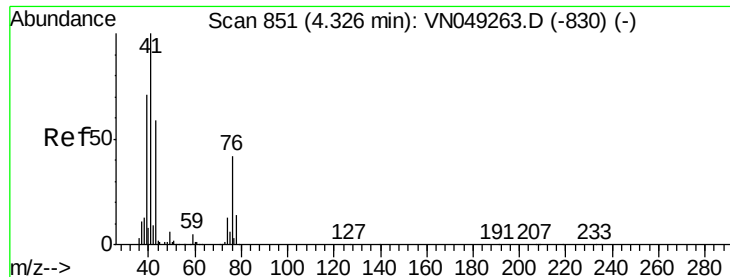
10000

5000

0

Time-->

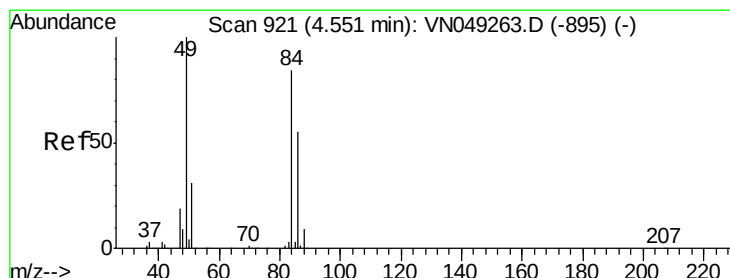
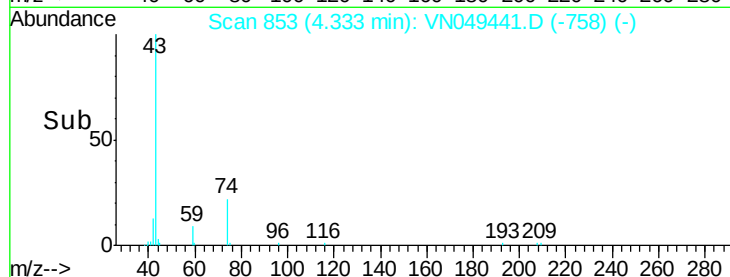
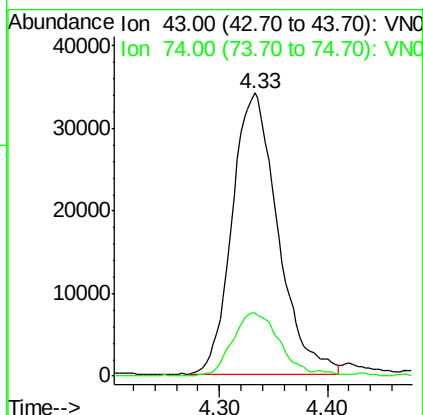
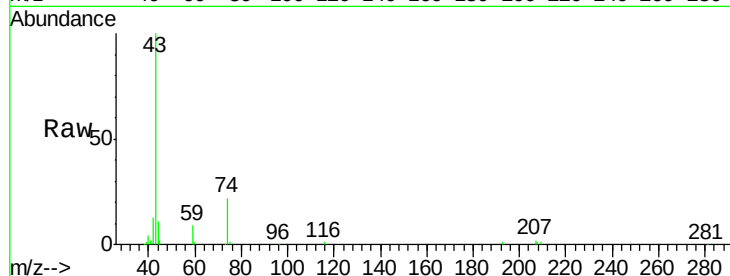




#18  
Methvl Acetate  
Concen: 8.35 ug/l  
RT: 4.33 min Scan# 853  
Delta R.T. 0.01 min  
Lab File: VN049441.D  
Acq: 20 Jun 2018 17:29

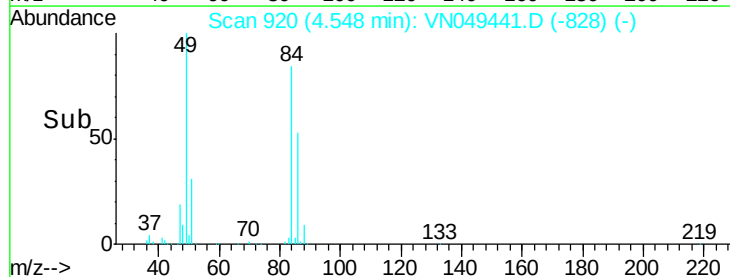
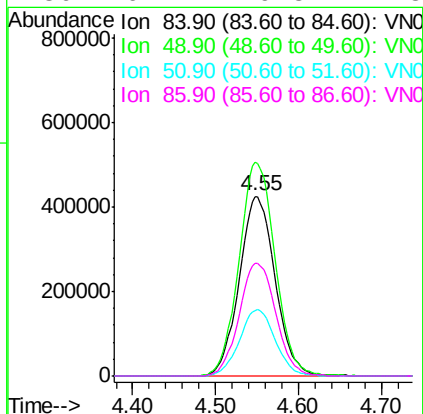
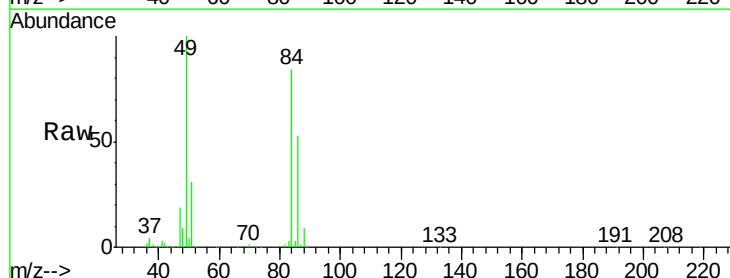
Instrument :  
MSVOA\_N  
ClientSampleId :  
TP-13

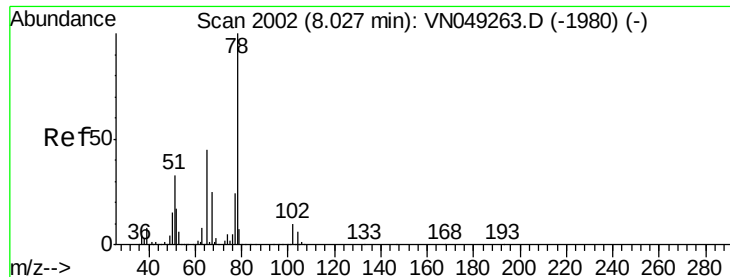
Tot Ion: 43 Resp: 100614  
Ion Ratio Lower Upper  
43 100  
74 22.9 17.4 26.0



#20  
Methylene Chloride  
Concen: 77.53 ug/l  
RT: 4.55 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VN049441.D  
Acq: 20 Jun 2018 17:29

Tgt Ion: 84 Resp: 1280251  
Ion Ratio Lower Upper  
84 100  
49 118.8 106.9 160.3  
51 36.7 32.7 49.1  
86 62.4 49.8 74.8

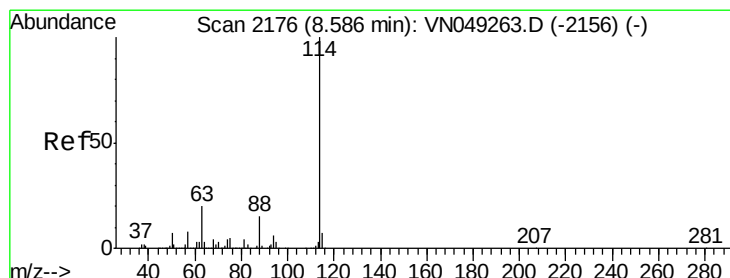
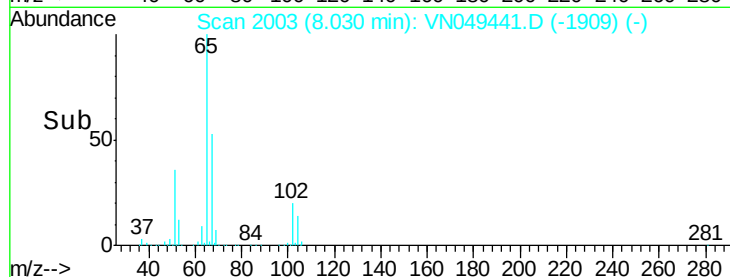
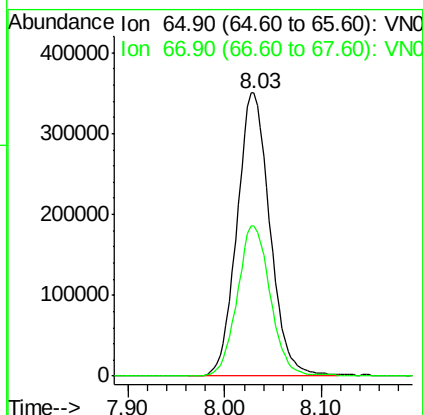
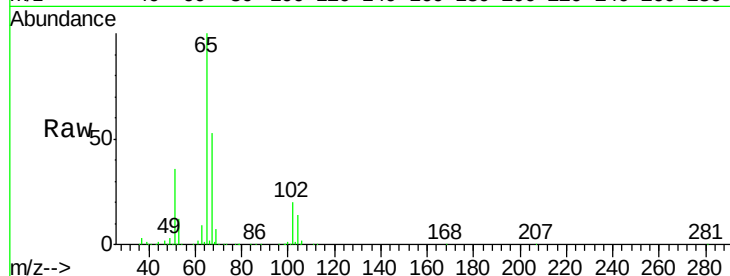




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.93 ug/l  
 RT: 8.03 min Scan# 2003  
 Delta R.T. 0.00 min  
 Lab File: VN049441.D  
 Acq: 20 Jun 2018 17:29

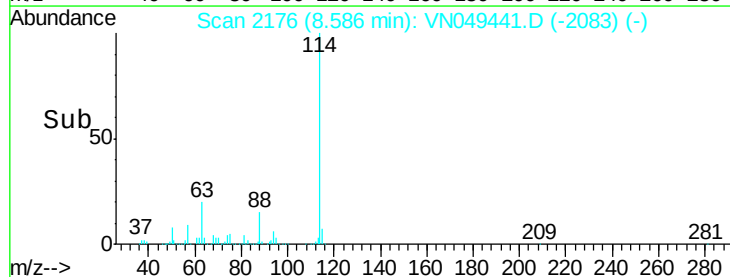
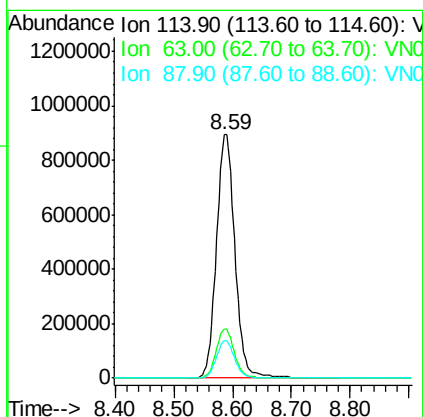
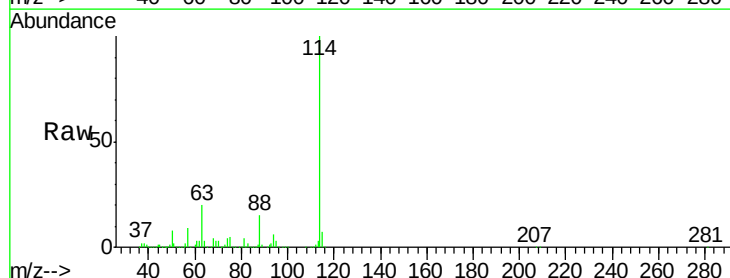
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-13

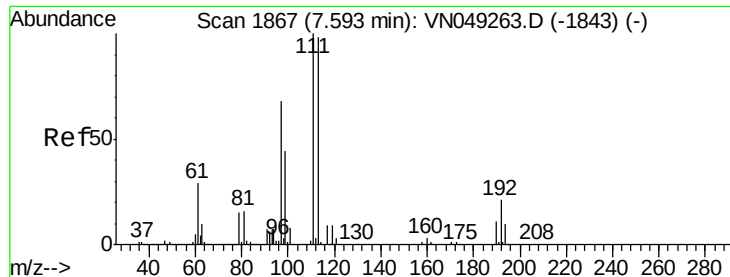
Tot Ion: 65 Resp: 829252  
 Ion Ratio Lower Upper  
 65 100  
 67 53.4 0.0 103.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VN049441.D  
 Acq: 20 Jun 2018 17:29

Tgt Ion: 114 Resp: 1937260  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 44.4  
 88 15.5 0.0 31.4

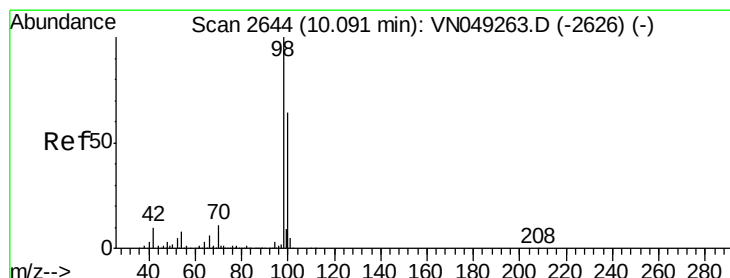
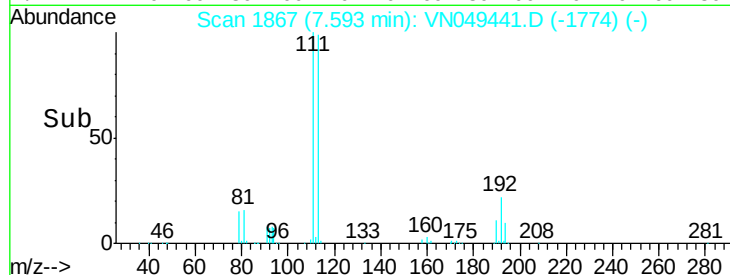
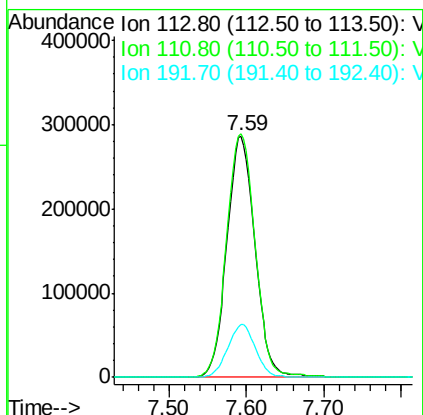
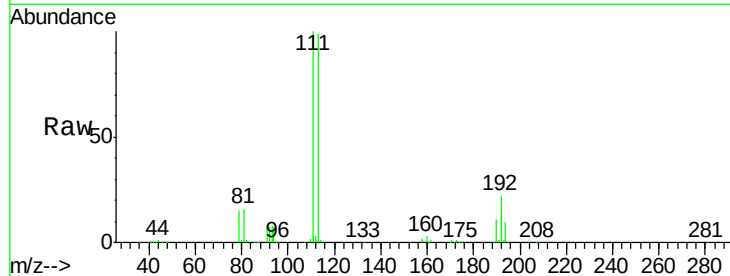




#35  
 Dibromofluoromethane  
 Concen: 45.92 ug/l  
 RT: 7.59 min Scan# 1867  
 Delta R.T. 0.00 min  
 Lab File: VN049441.D  
 Acq: 20 Jun 2018 17:29

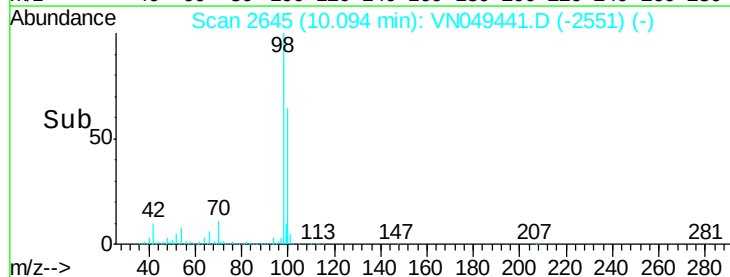
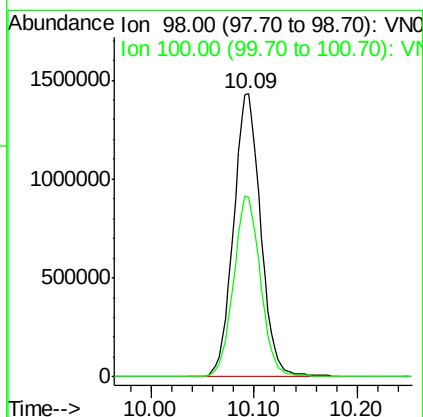
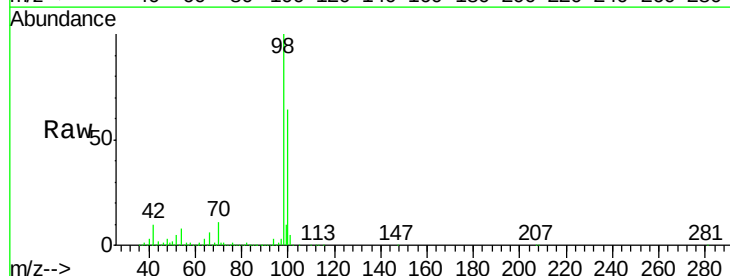
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 TP-13

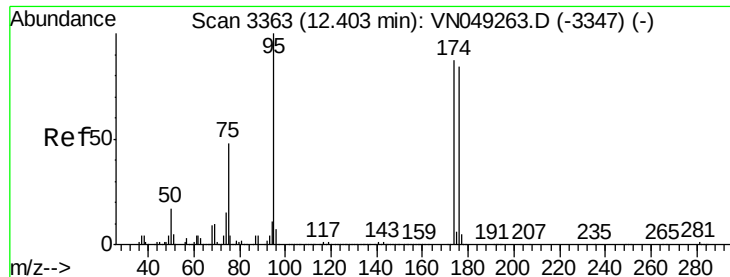
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.8 | 82.4  | 123.6 |
| 192     | 21.8  | 15.0  | 22.6  |



#50  
 Toluene-d8  
 Concen: 44.07 ug/l  
 RT: 10.09 min Scan# 2645  
 Delta R.T. 0.00 min  
 Lab File: VN049441.D  
 Acq: 20 Jun 2018 17:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.7  | 49.8  | 74.8  |





#62

4-Bromofluorobenzene

Concen: 35.84 ug/l

RT: 12.41 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA\_N

ClientSampled :

TP-13

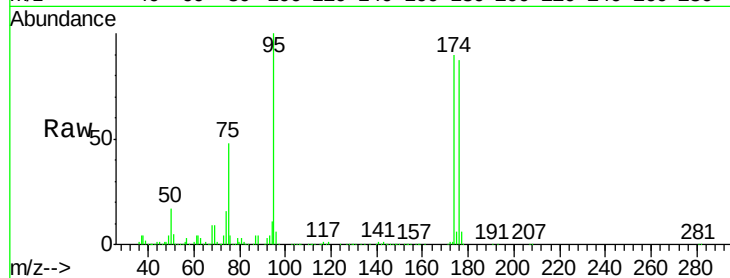
Tot Ion: 95 Resp: 707317

Ion Ratio Lower Upper

95 100

174 89.5 0.0 165.6

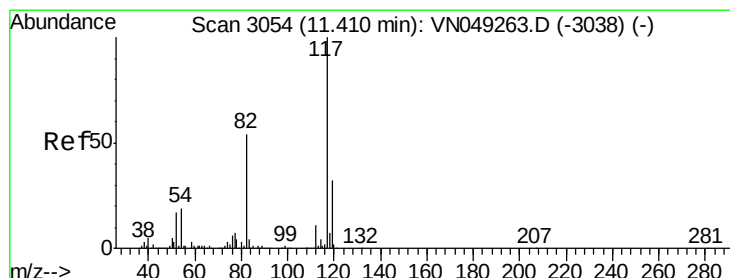
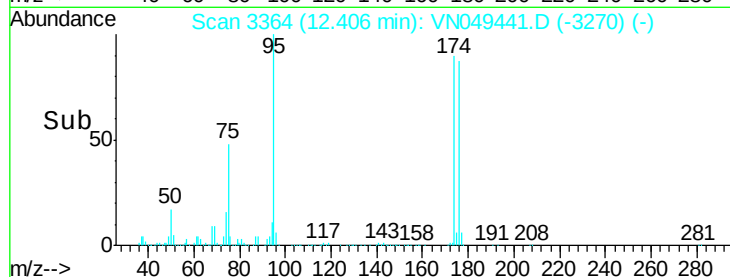
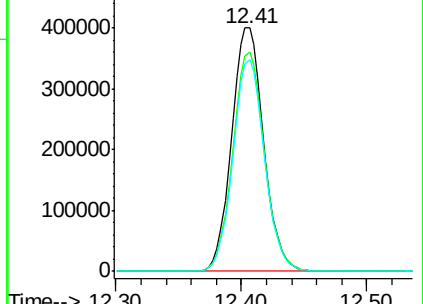
176 85.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049441.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049441.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049441.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

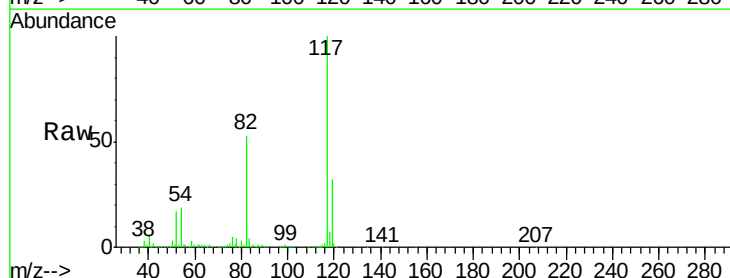
Tgt Ion: 117 Resp: 1619473

Ion Ratio Lower Upper

117 100

82 52.7 45.9 68.9

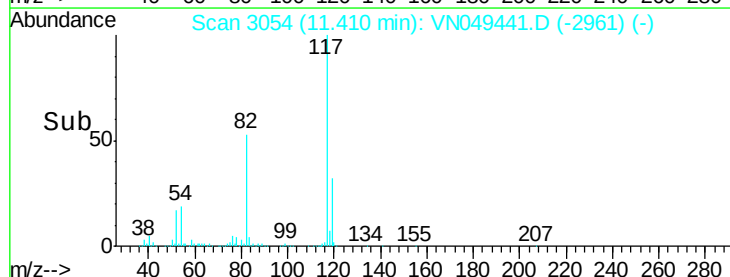
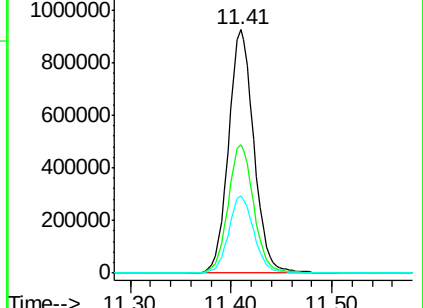
119 31.7 25.5 38.3

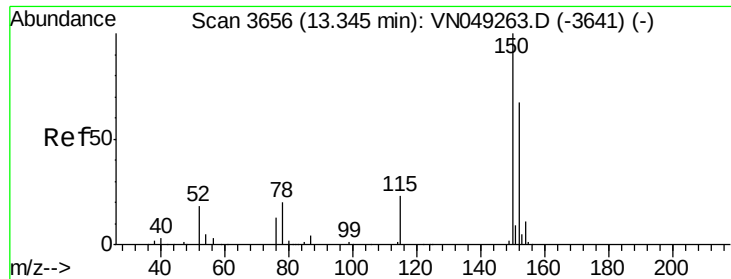


Abundance Ion 116.90 (116.60 to 117.60): VN049441.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049441.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049441.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

Instrument :

MSVOA\_N

ClientSampled :

TP-13

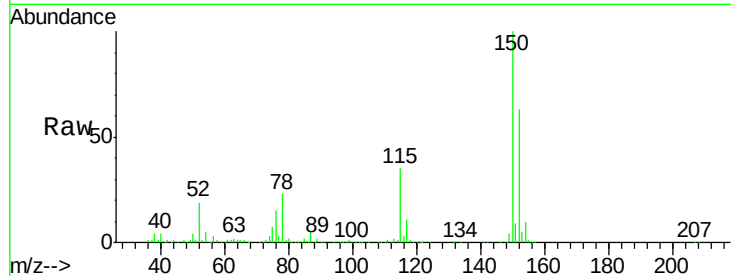
Tot Ion:152 Resp: 528513

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.1

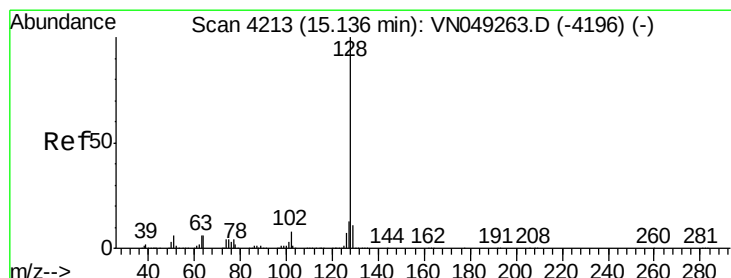
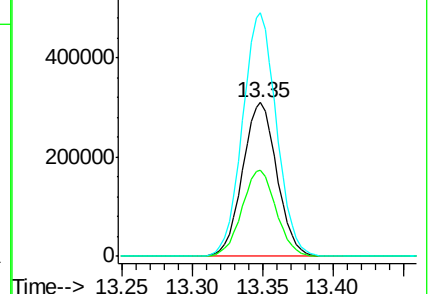
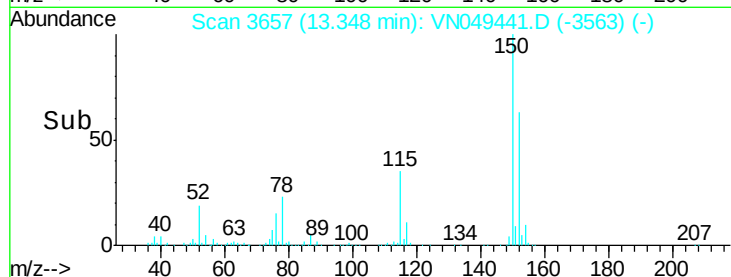
150 156.6 0.0 351.0



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: 10.14 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049441.D

Acq: 20 Jun 2018 17:29

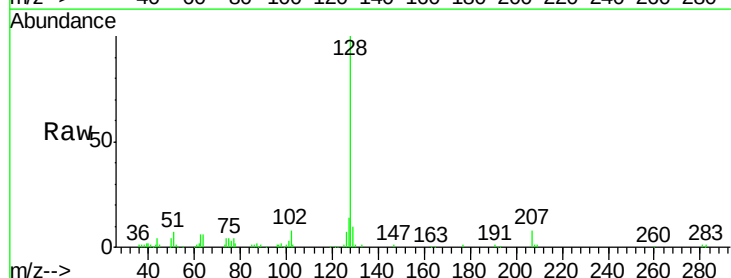
Tgt Ion:128 Resp: 120740

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.2 8.5 12.7



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

