

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\  
 Data File : VN051209.D  
 Acq On : 14 Sep 2018 23:47  
 Operator : MD\SY  
 Sample : J4906-16  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SP-PIT-8

Quant Time: Sep 15 01:47:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 02:27:09 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.67  | 168  | 540697   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.59  | 114  | 871082   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.41 | 117  | 716388   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.35 | 152  | 229925   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.03  | 65   | 329009   | 54.68 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 109.36% |          |
| 35) Dibromofluoromethane    | 7.59  | 113  | 321052   | 49.05 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 98.10%  |          |
| 50) Toluene-d8              | 10.09 | 98   | 1164148  | 46.87 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.74%  |          |
| 62) 4-Bromofluorobenzene    | 12.40 | 95   | 300993   | 36.63 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 73.26%  |          |

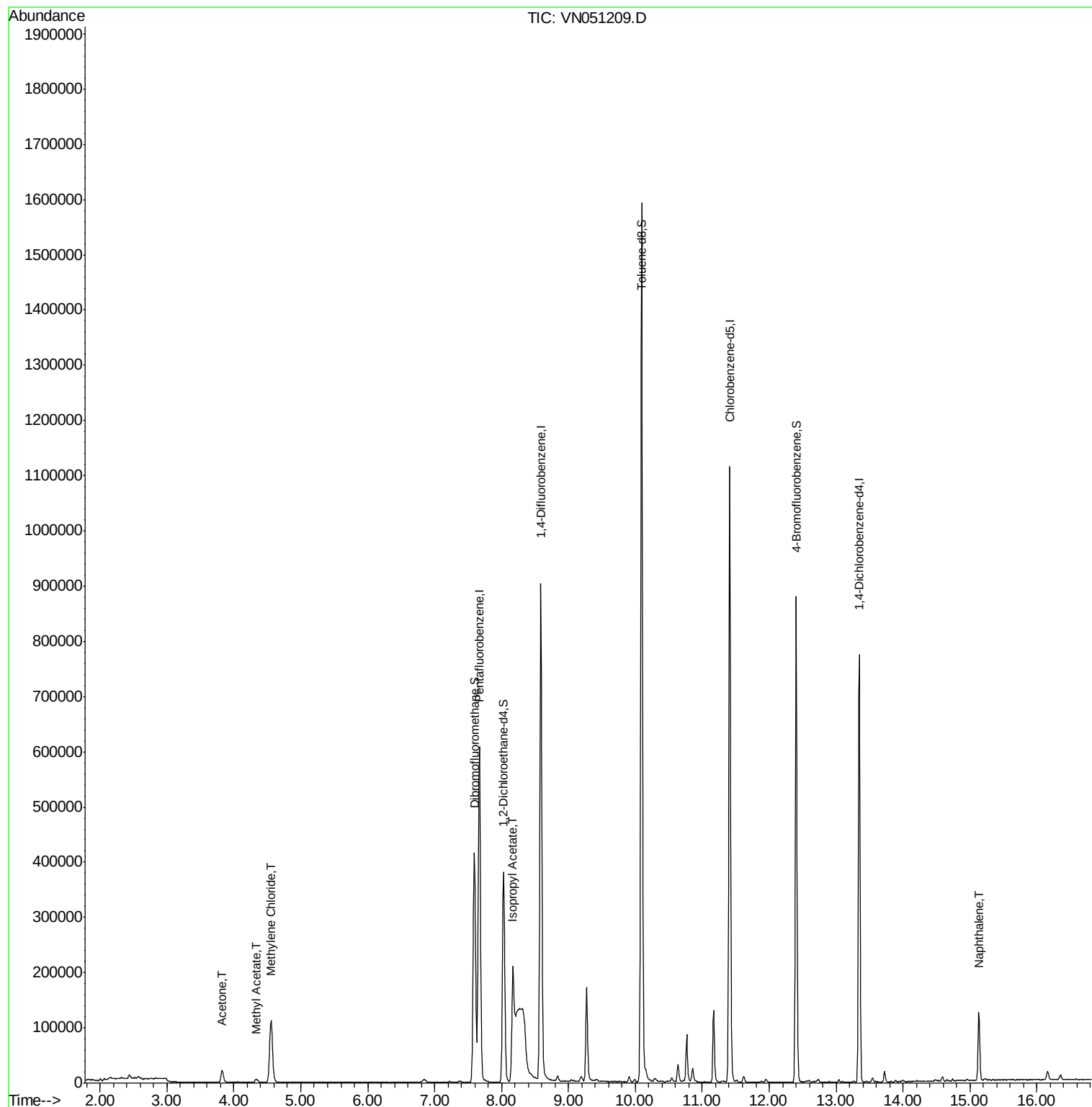
| Target Compounds       | R.T.  | QIon | Response | Conc  | Units  | Qvalue |
|------------------------|-------|------|----------|-------|--------|--------|
| 16) Acetone            | 3.82  | 43   | 38249    | 20.35 | ug/l   | 95     |
| 18) Methyl Acetate     | 4.34  | 43   | 13192    | 2.74  | ug/l # | 83     |
| 20) Methylene Chloride | 4.56  | 84   | 89978    | 13.54 | ug/l   | 96     |
| 43) Isopropyl Acetate  | 8.17  | 43   | 271021   | 27.73 | ug/l # | 79     |
| 95) Naphthalene        | 15.13 | 128  | 114860   | 17.21 | ug/l   | 99     |

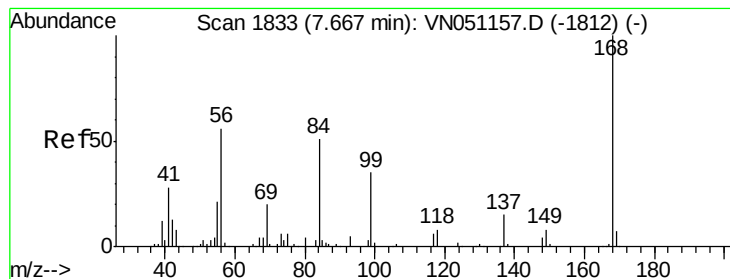
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091418\  
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Quant Time: Sep 15 01:47:52 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N091018W.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 11 02:27:09 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051209.D

Acq: 14 Sep 2018 23:47

Instrument :

MSVOA\_N

ClientSampleId :

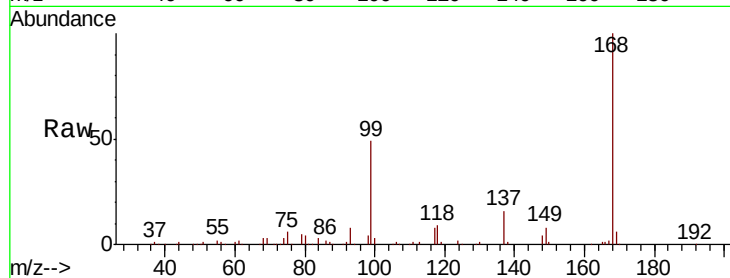
SP-PIT-8

Tot Ion:168 Resp: 540697

Ion Ratio Lower Upper

168 100

99 48.7 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): VN051157.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051157.D (-1812) (-)

7.67

250000

200000

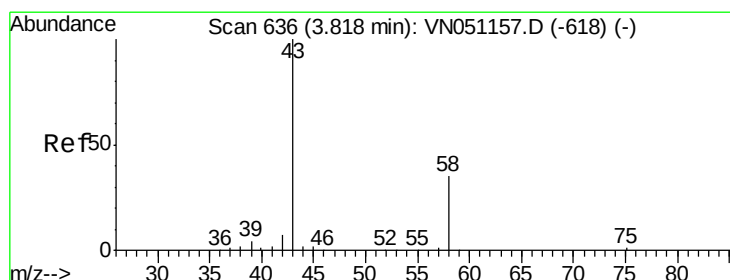
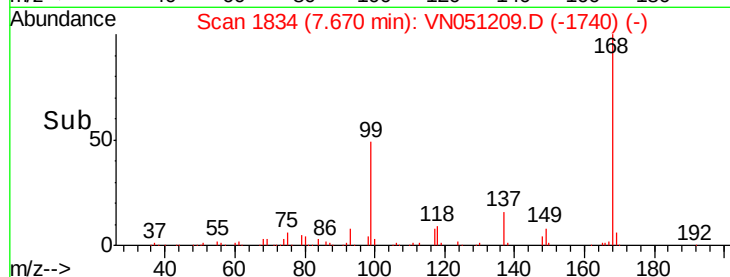
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 20.35 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051209.D

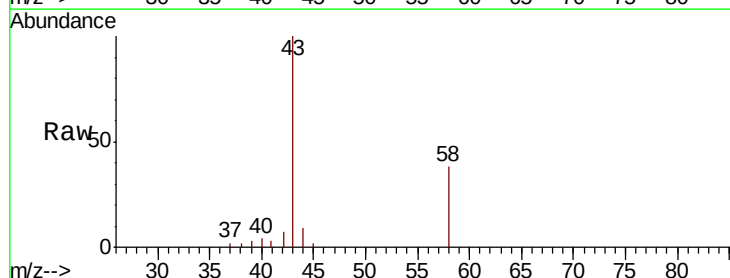
Acq: 14 Sep 2018 23:47

Tgt Ion: 43 Resp: 38249

Ion Ratio Lower Upper

43 100

58 37.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN051157.D (-618) (-)

3.82

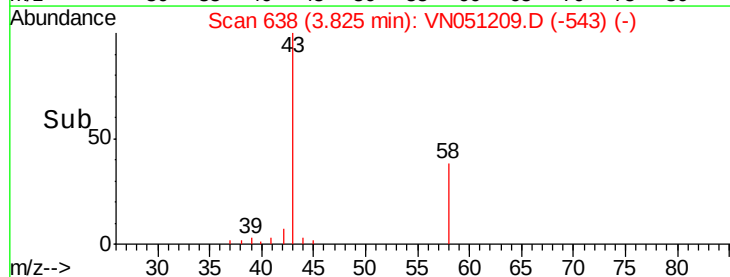
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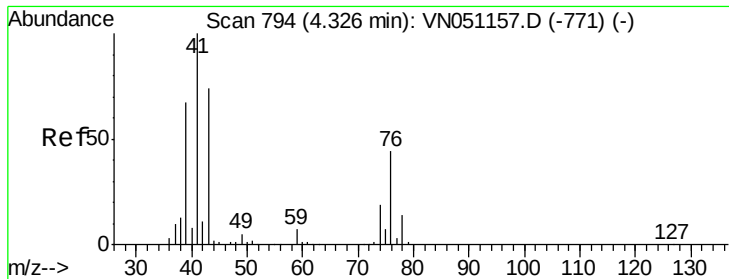
10000

5000

0

Time-->

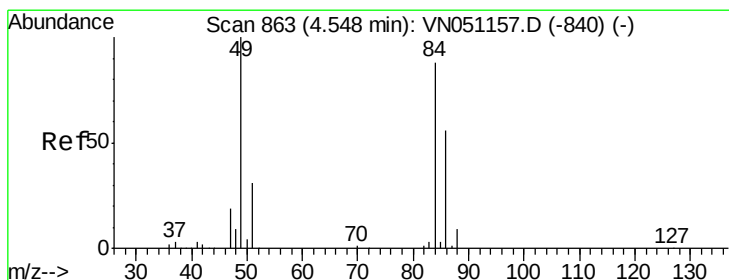
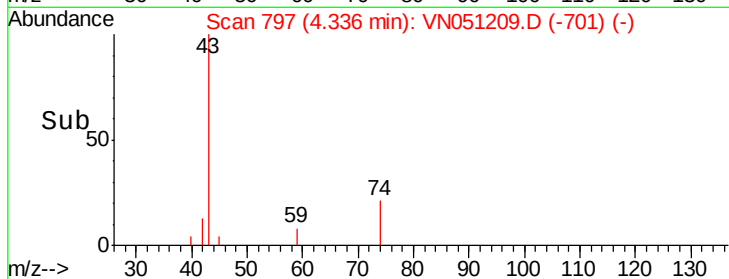
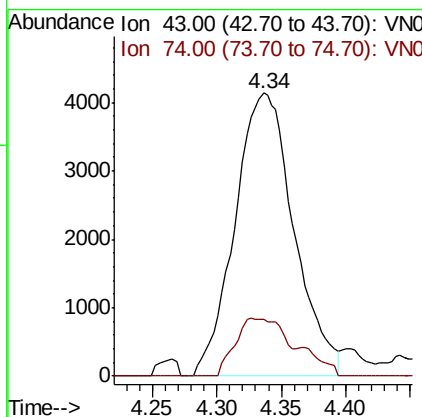
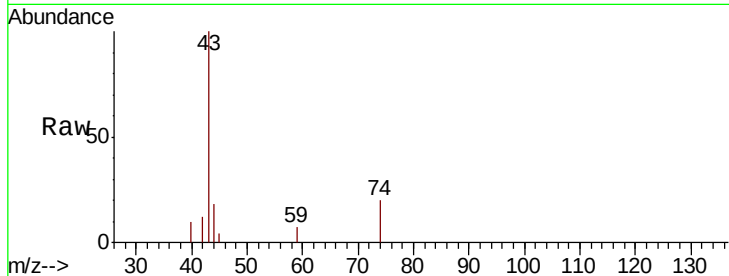




#18  
Methyl Acetate  
Concen: 2.74 ug/l  
RT: 4.34 min Scan# 797  
Delta R.T. 0.01 min  
Lab File: VN051209.D  
Acq: 14 Sep 2018 23:47

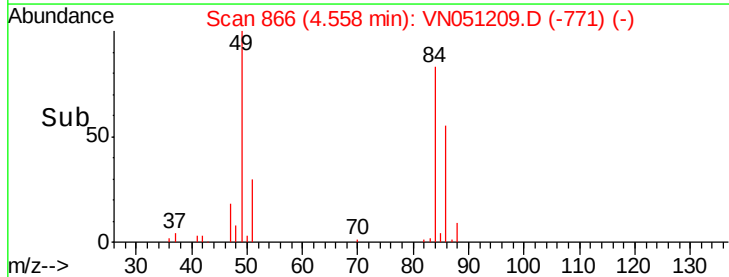
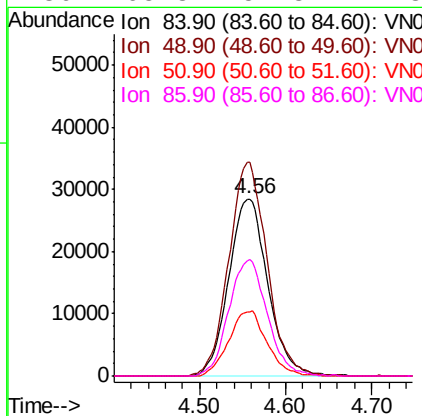
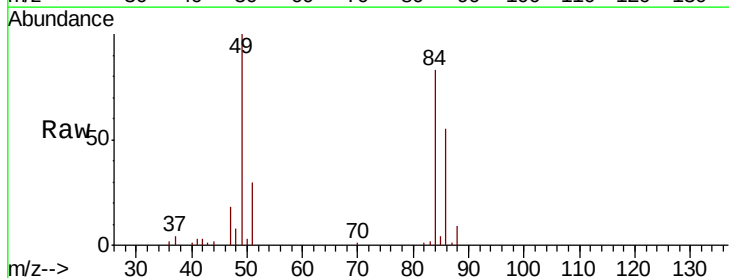
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-PIT-8

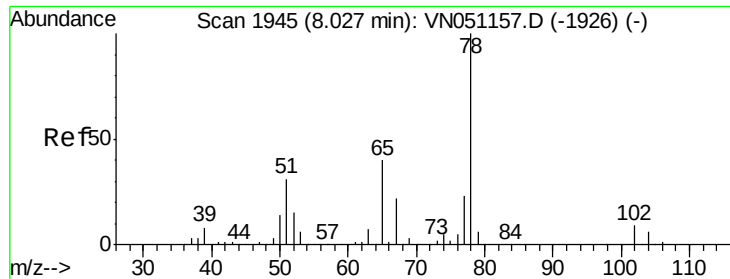
Tot Ion: 43 Resp: 13192  
Ion Ratio Lower Upper  
43 100  
74 17.1 20.7 31.1#



#20  
Methylene Chloride  
Concen: 13.54 ug/l  
RT: 4.56 min Scan# 866  
Delta R.T. 0.01 min  
Lab File: VN051209.D  
Acq: 14 Sep 2018 23:47

Tgt Ion: 84 Resp: 89978  
Ion Ratio Lower Upper  
84 100  
49 120.4 90.2 135.2  
51 36.5 28.4 42.6  
86 65.8 51.8 77.8

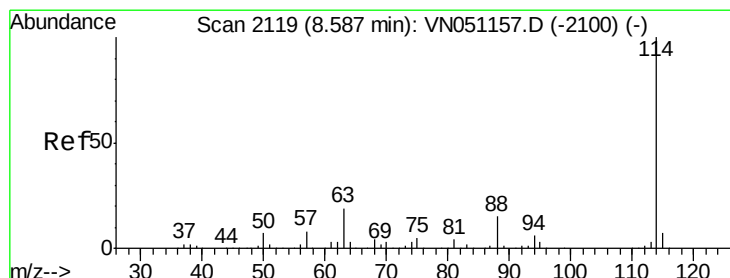
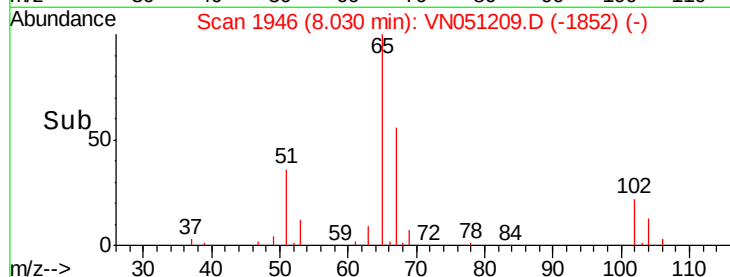
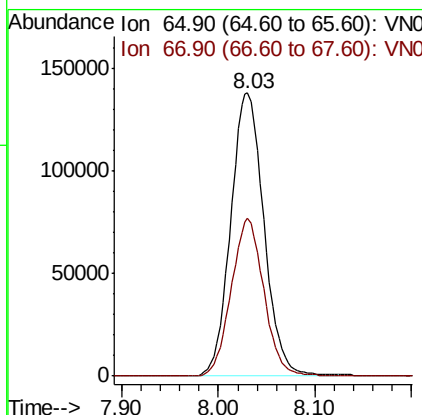
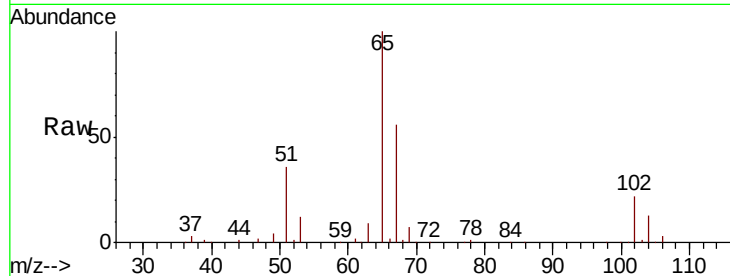




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.68 ug/l  
 RT: 8.03 min Scan# 1946  
 Delta R.T. 0.00 min  
 Lab File: VN051209.D  
 Acq: 14 Sep 2018 23:47

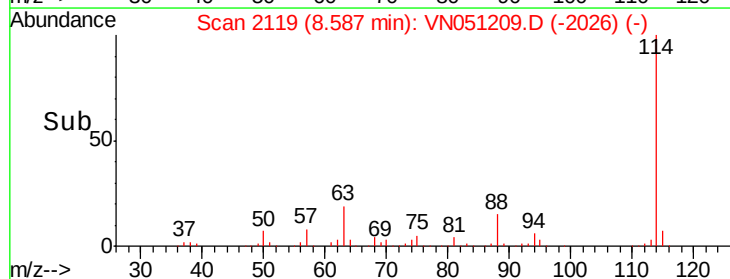
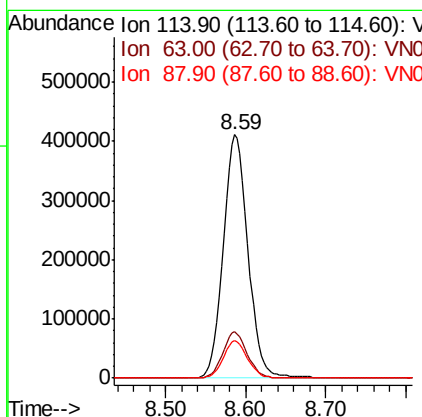
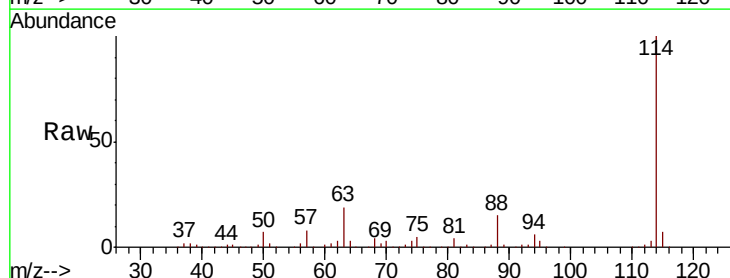
Instrument :  
 MSVOA\_N  
 ClientSampled :  
 SP-PIT-8

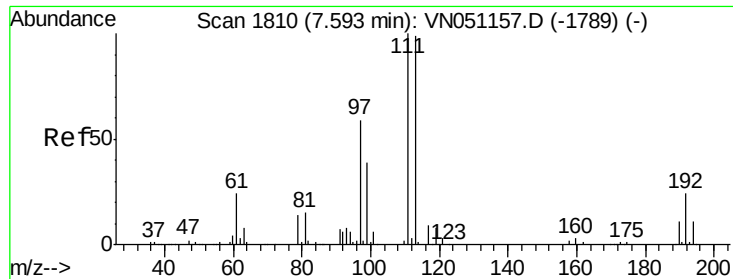
Tot Ion: 65 Resp: 329009  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 112.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.59 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: VN051209.D  
 Acq: 14 Sep 2018 23:47

Tgt Ion: 114 Resp: 871082  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 37.8  
 88 15.2 0.0 30.8





#35

Dibromofluoromethane

Concen: 49.05 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051209.D

Acq: 14 Sep 2018 23:47

Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-PIT-8

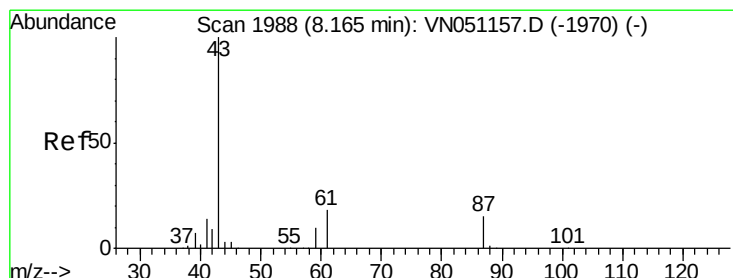
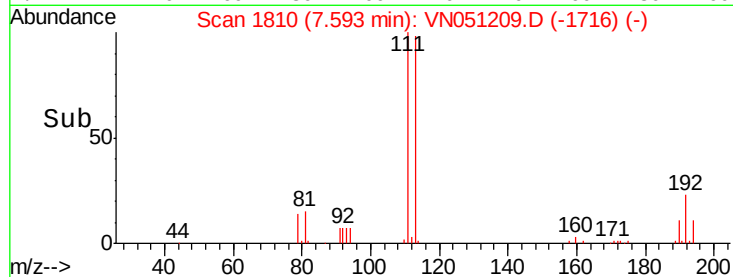
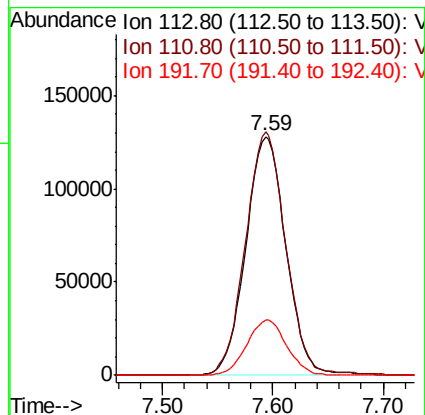
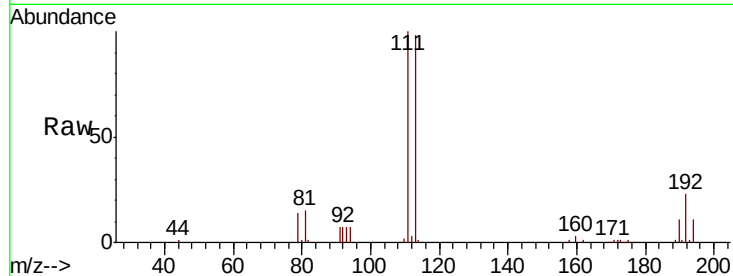
Tot Ion:113 Resp: 321052

Ion Ratio Lower Upper

113 100

111 103.1 83.0 124.6

192 23.2 18.7 28.1



#43

Isopropyl Acetate

Concen: 27.73 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051209.D

Acq: 14 Sep 2018 23:47

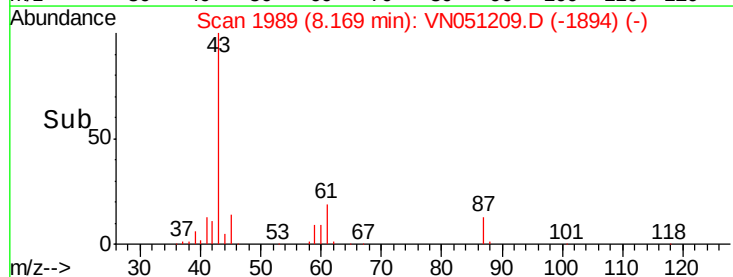
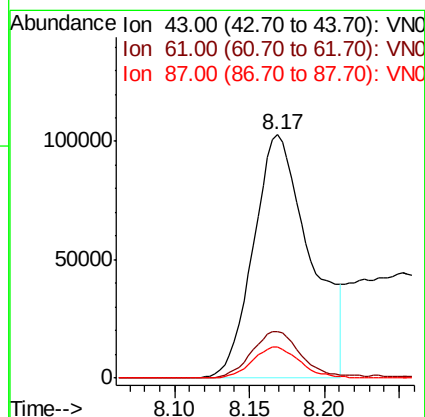
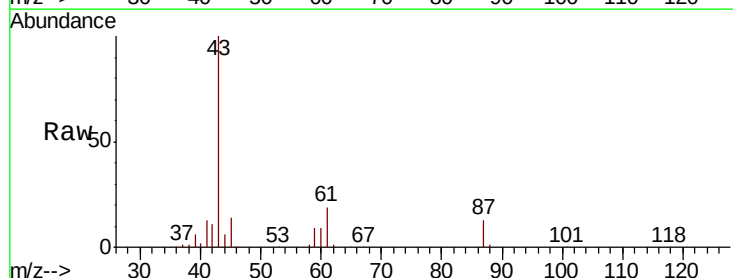
Tgt Ion: 43 Resp: 271021

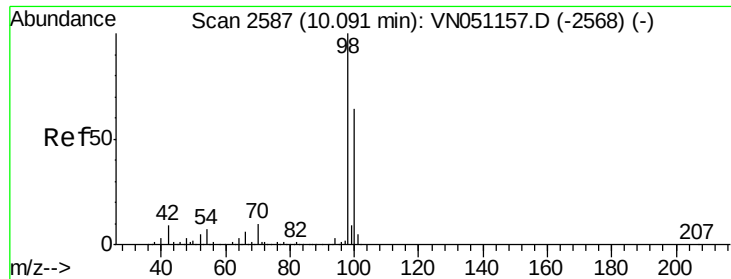
Ion Ratio Lower Upper

43 100

61 16.8 25.0 37.6#

87 10.7 11.8 17.8#





#50

Toluene-d8

Concen: 46.87 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051209.D

Acq: 14 Sep 2018 23:47

Instrument :

MSVOA\_N

ClientSampled :

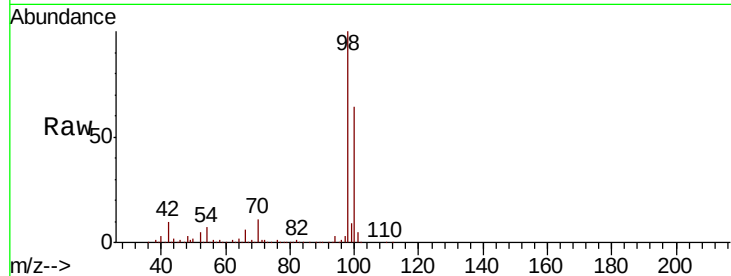
SP-PIT-8

Tot Ion: 98 Resp: 1164148

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051157.D (-2568) (-)

10.09

600000

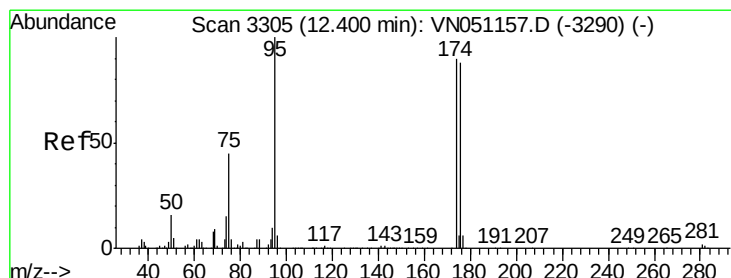
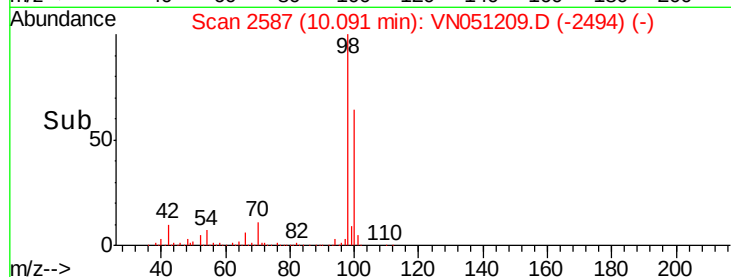
400000

200000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 36.63 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051209.D

Acq: 14 Sep 2018 23:47

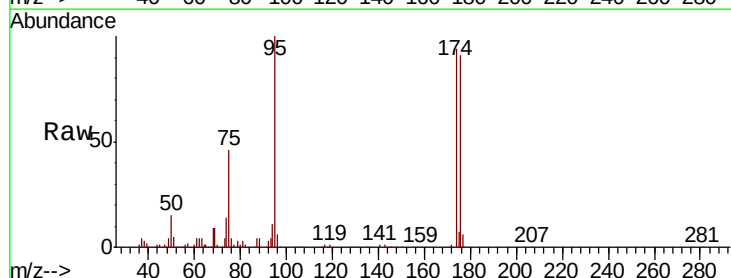
Tgt Ion: 95 Resp: 300993

Ion Ratio Lower Upper

95 100

174 93.9 0.0 184.8

176 90.4 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN051157.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051157.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051157.D (-3290) (-)

12.40

250000

200000

150000

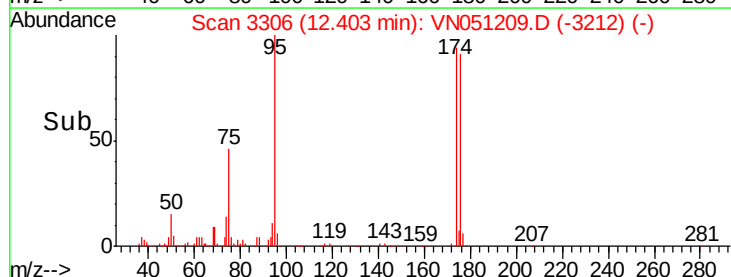
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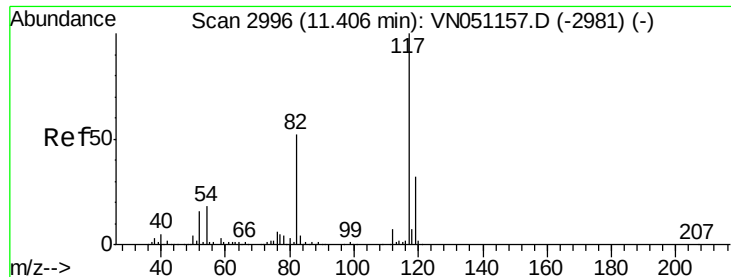
50000

0

12.30 12.40 12.50

Time-->

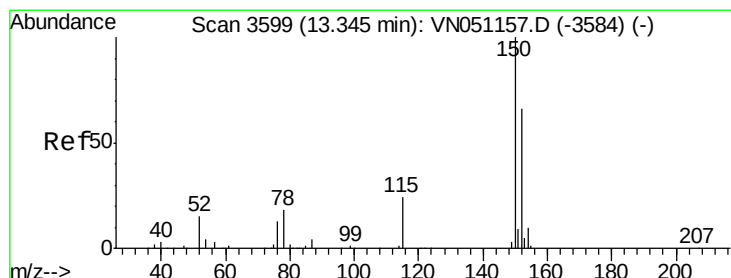
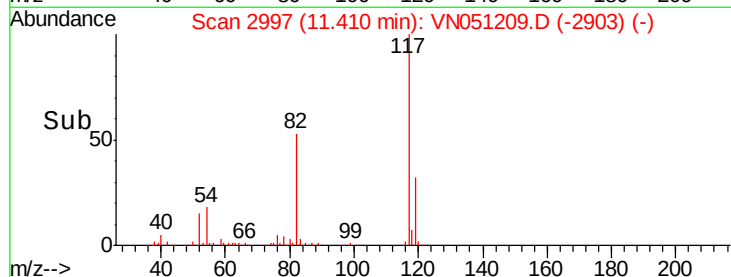
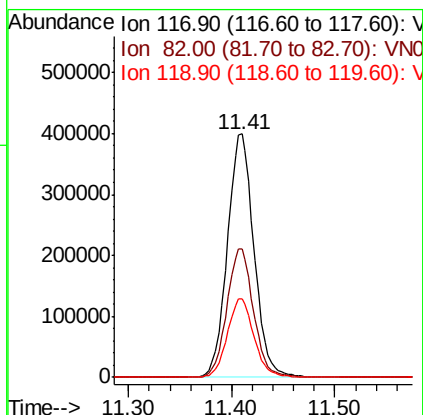
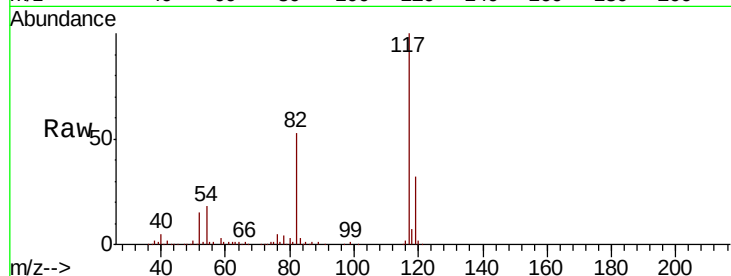




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.41 min Scan# 2997  
Delta R.T. 0.00 min  
Lab File: VN051209.D  
Acq: 14 Sep 2018 23:47

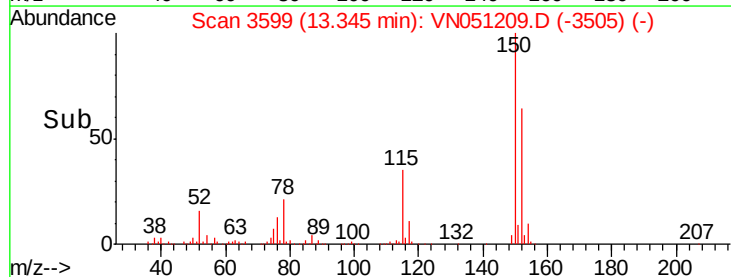
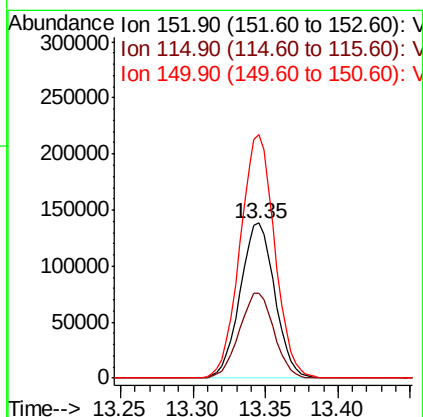
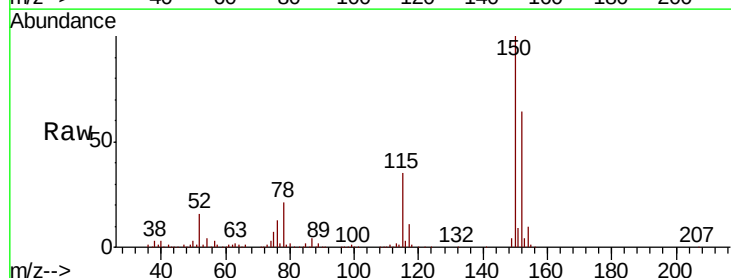
Instrument :  
MSVOA\_N  
ClientSampleId :  
SP-PIT-8

Tot Ion:117 Resp: 716388  
Ion Ratio Lower Upper  
117 100  
82 52.8 41.8 62.6  
119 32.3 26.2 39.2

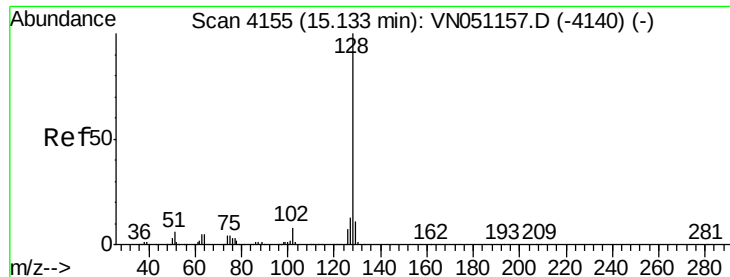


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.35 min Scan# 3599  
Delta R.T. 0.00 min  
Lab File: VN051209.D  
Acq: 14 Sep 2018 23:47

Tgt Ion:152 Resp: 229925  
Ion Ratio Lower Upper  
152 100  
115 54.9 28.2 84.7  
150 156.6 0.0 349.0







#95

Naphthalene

Concen: 17.21 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051209.D

Acq: 14 Sep 2018 23:47

Instrument :

MSVOA\_N

ClientSampleId :

SP-PIT-8

Tot Ion:128 Resp: 114860

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 9.9 8.6 12.8

