

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032718\  
 Data File : VX000461.D  
 Acq On : 27 Mar 2018 16:30  
 Operator : JC/MD  
 Sample : PB107676TB 5X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB107676TB

Quant Time: Mar 28 07:27:20 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X032018W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 21 04:52:42 2018  
 Response via : Initial Calibration

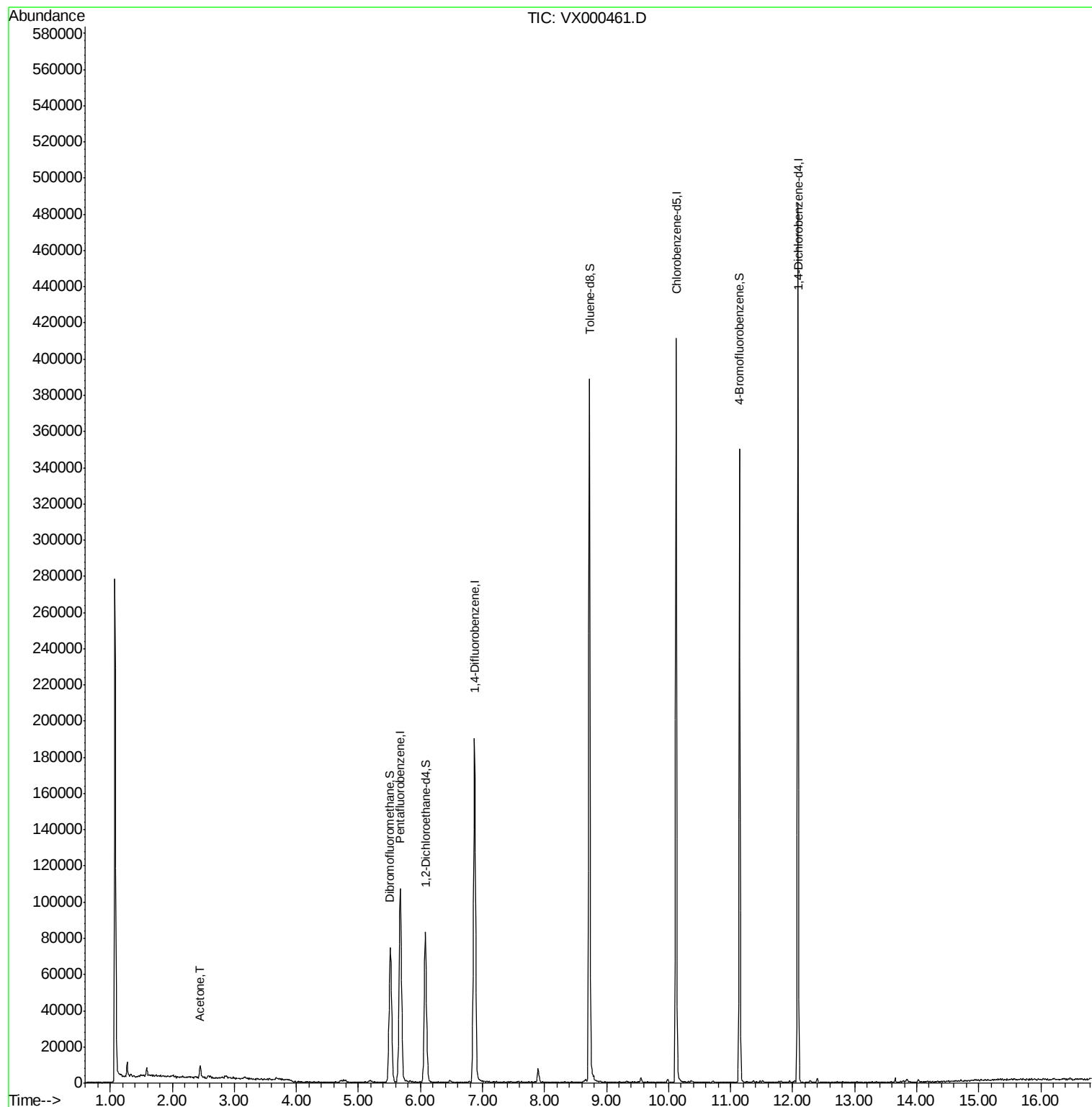
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|---------|-----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 101921   | 50.00 | ug/l    | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 183816   | 50.00 | ug/l    | 0.00      |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 177491   | 50.00 | ug/l    | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.09 | 152  | 90576    | 50.00 | ug/l    | 0.00      |
| System Monitoring Compounds |       |      |          |       |         |           |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 75559    | 56.79 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 113.58% |           |
| 35) Dibromofluoromethane    | 5.51  | 113  | 58670    | 50.66 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.32% |           |
| 50) Toluene-d8              | 8.73  | 98   | 230884   | 48.13 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 96.26%  |           |
| 62) 4-Bromofluorobenzene    | 11.15 | 95   | 78092    | 39.94 | ug/l    | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 79.88%  |           |
| Target Compounds            |       |      |          |       |         |           |
| 16) Acetone                 | 2.45  | 43   | 8012     | 7.24  | ug/l    | Qvalue 98 |

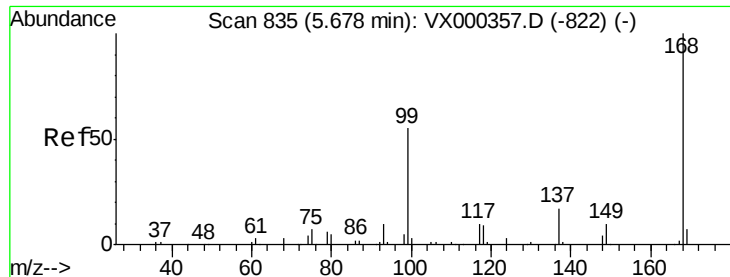
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000461.D

Acq: 27 Mar 2018 16:30

Instrument :

MSVOA\_X

ClientSampleId :

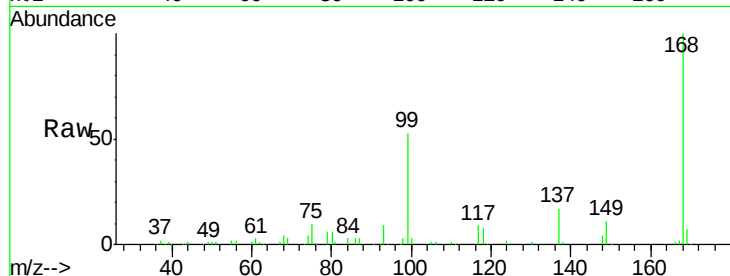
PB107676TB

Tot Ion:168 Resp: 101921

Ion Ratio Lower Upper

168 100

99 53.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

40000

30000

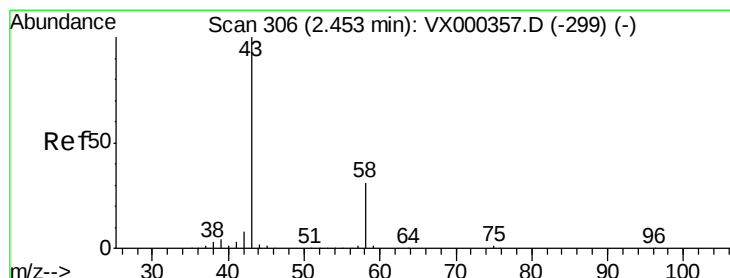
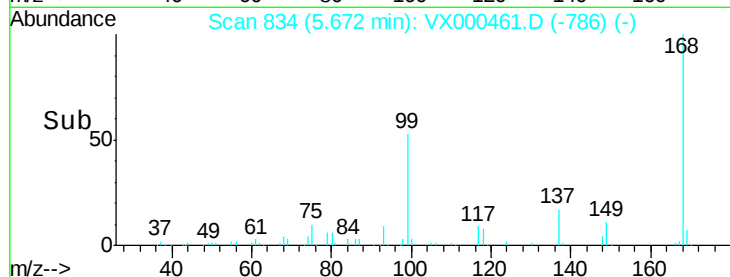
20000

10000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 7.24 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX000461.D

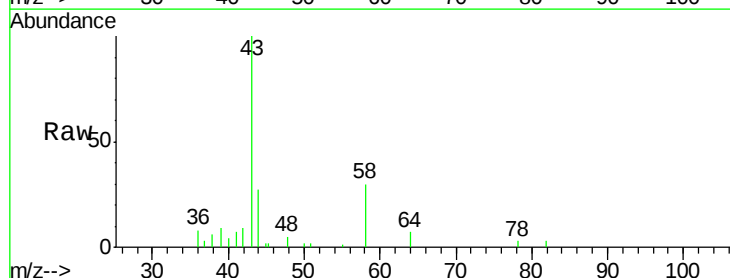
Acq: 27 Mar 2018 16:30

Tgt Ion: 43 Resp: 8012

Ion Ratio Lower Upper

43 100

58 29.6 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

3000

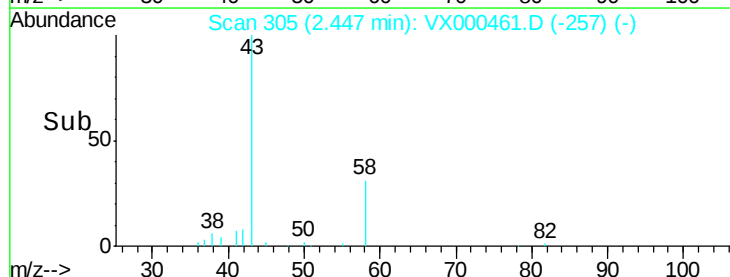
2000

1000

0

Time-->

2.35 2.40 2.45 2.50 2.55

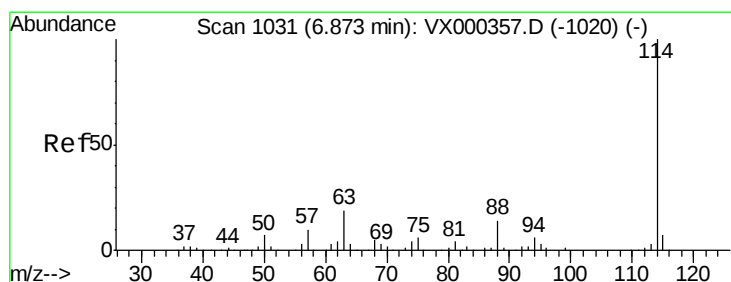
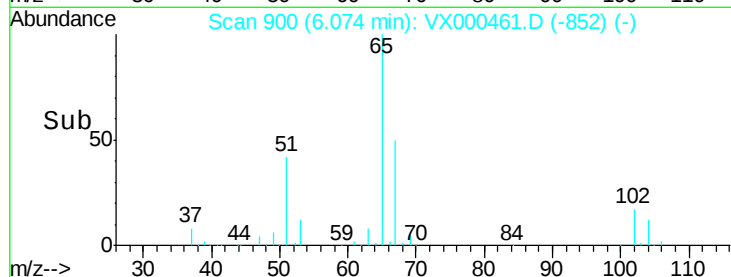
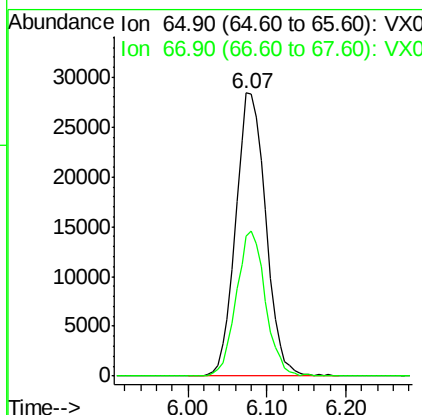
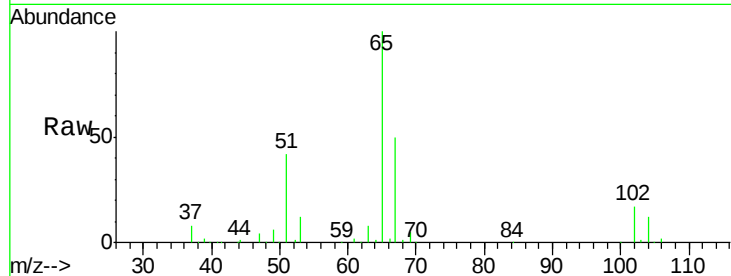




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.79 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. -0.01 min  
 Lab File: VX000461.D  
 Acq: 27 Mar 2018 16:30

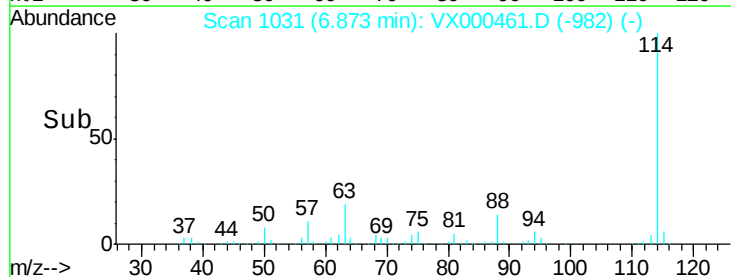
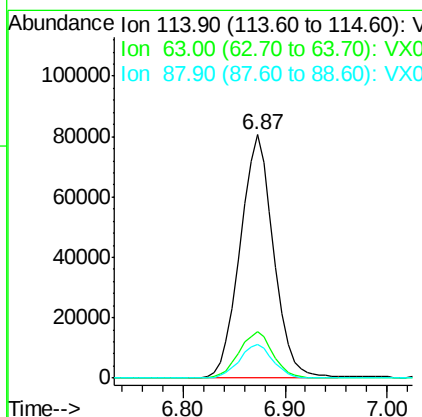
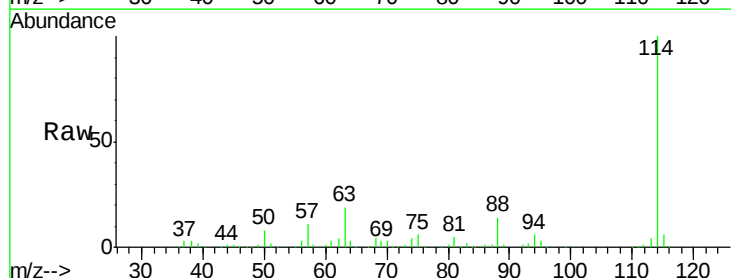
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB107676TB

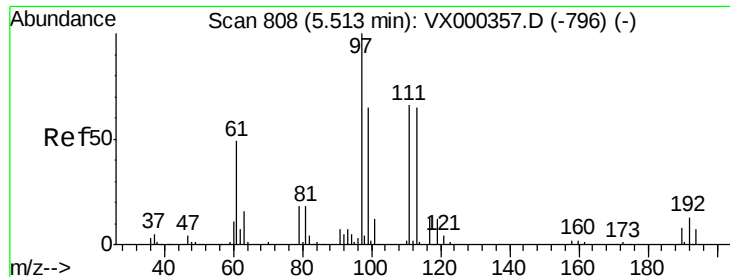
Tot Ion: 65 Resp: 75559  
 Ion Ratio Lower Upper  
 65 100  
 67 49.4 0.0 103.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 6.87 min Scan# 1031  
 Delta R.T. -0.00 min  
 Lab File: VX000461.D  
 Acq: 27 Mar 2018 16:30

Tgt Ion: 114 Resp: 183816  
 Ion Ratio Lower Upper  
 114 100  
 63 19.3 0.0 38.4  
 88 13.8 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000461.D

Acq: 27 Mar 2018 16:30

Instrument :

MSVOA\_X

ClientSampleId :

PB107676TB

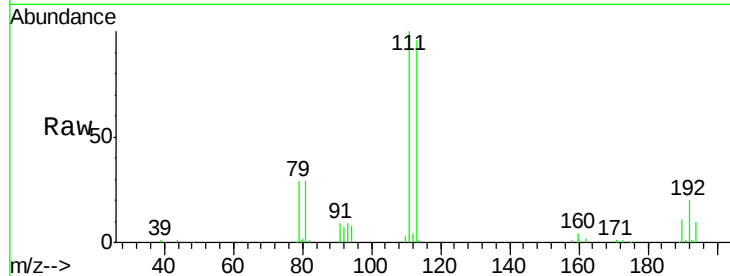
Tot Ion:113 Resp: 58670

Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

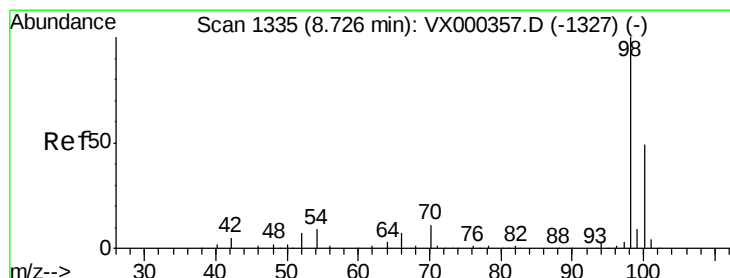
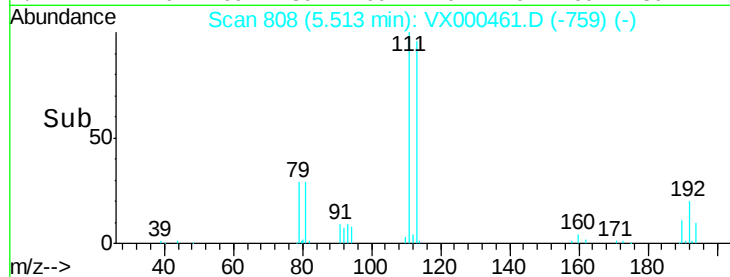
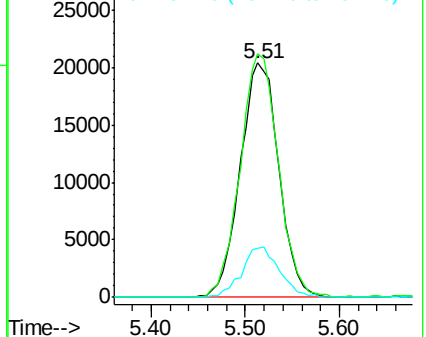
192 20.7 15.8 23.6



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: 48.13 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000461.D

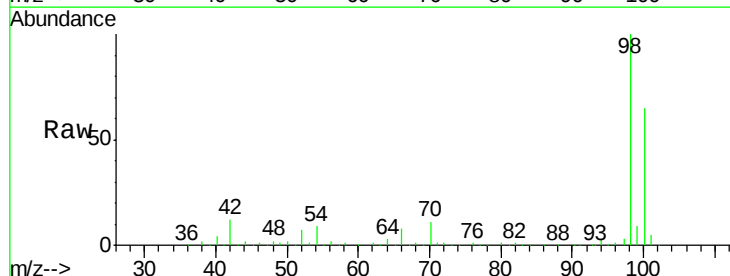
Acq: 27 Mar 2018 16:30

Tgt Ion: 98 Resp: 230884

Ion Ratio Lower Upper

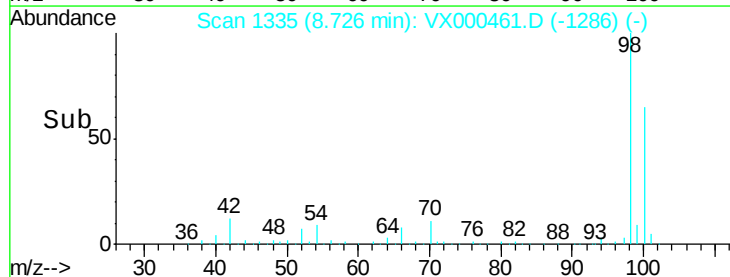
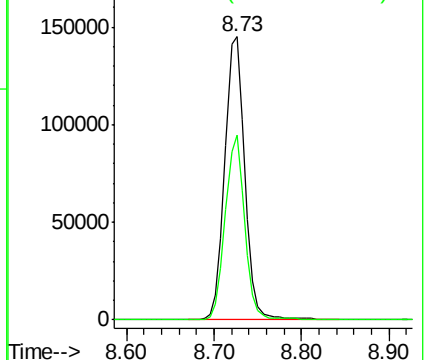
98 100

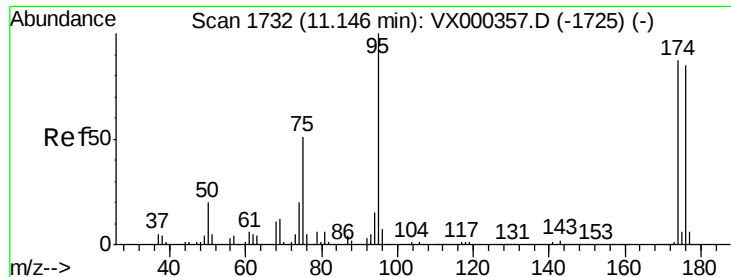
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 39.94 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000461.D

Acq: 27 Mar 2018 16:30

Instrument :

MSVOA\_X

ClientSampleId :

PB107676TB

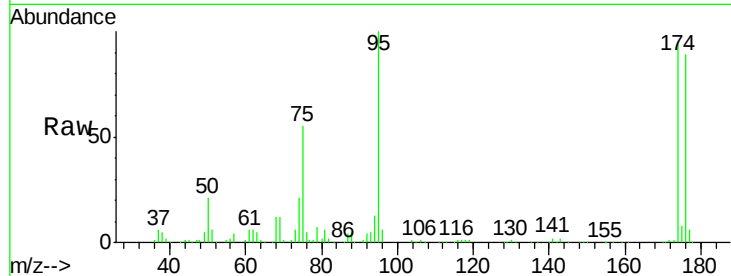
Tot Ion: 95 Resp: 78092

Ion Ratio Lower Upper

95 100

174 91.8 0.0 173.6

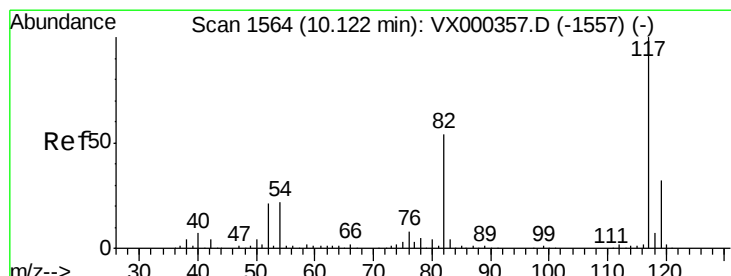
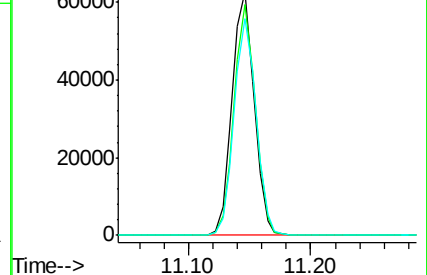
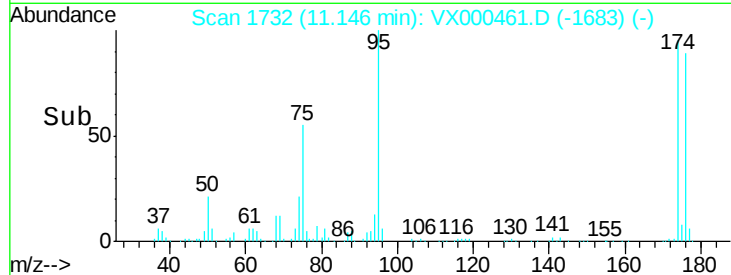
176 88.5 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000461.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000461.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000461.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000461.D

Acq: 27 Mar 2018 16:30

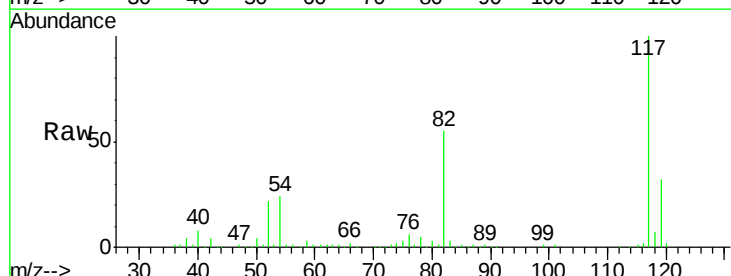
Tgt Ion: 117 Resp: 177491

Ion Ratio Lower Upper

117 100

82 54.5 43.8 65.8

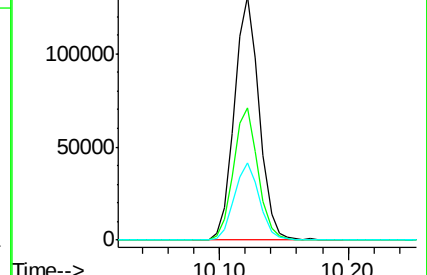
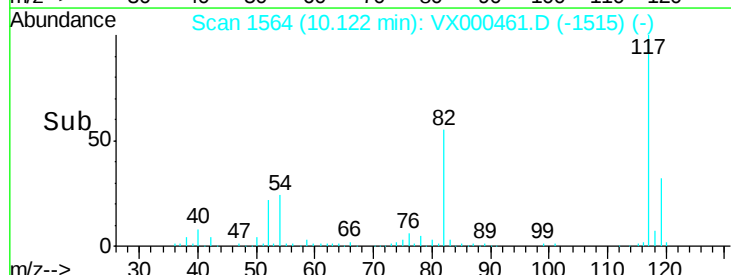
119 31.5 24.9 37.3

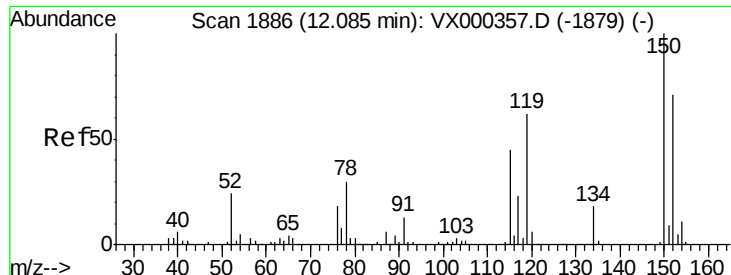


Abundance Ion 116.90 (116.60 to 117.60): VX000461.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000461.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000461.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000461.D

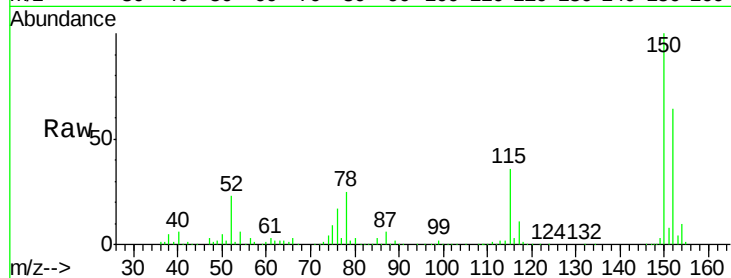
Acq: 27 Mar 2018 16:30

Instrument :

MSVOA\_X

ClientSampleId :

PB107676TB



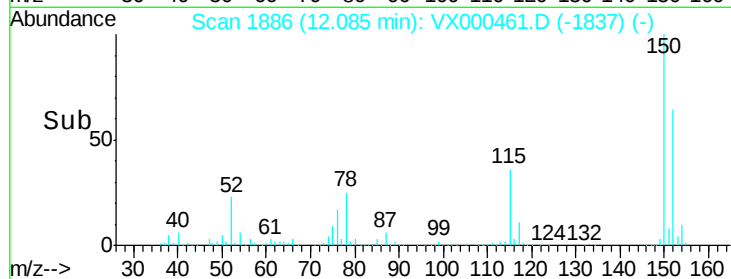
Tot Ion:152 Resp: 90576

Ion Ratio Lower Upper

152 100

115 55.5 39.8 119.3

150 156.9 0.0 344.4



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

