

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051518\  
 Data File : VX001754.D  
 Acq On : 15 May 2018 19:10  
 Operator : JC/MD  
 Sample : J2796-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 KY038PS033-180507

Quant Time: May 16 05:42:41 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X051518W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 15 01:36:22 2018  
 Response via : Initial Calibration

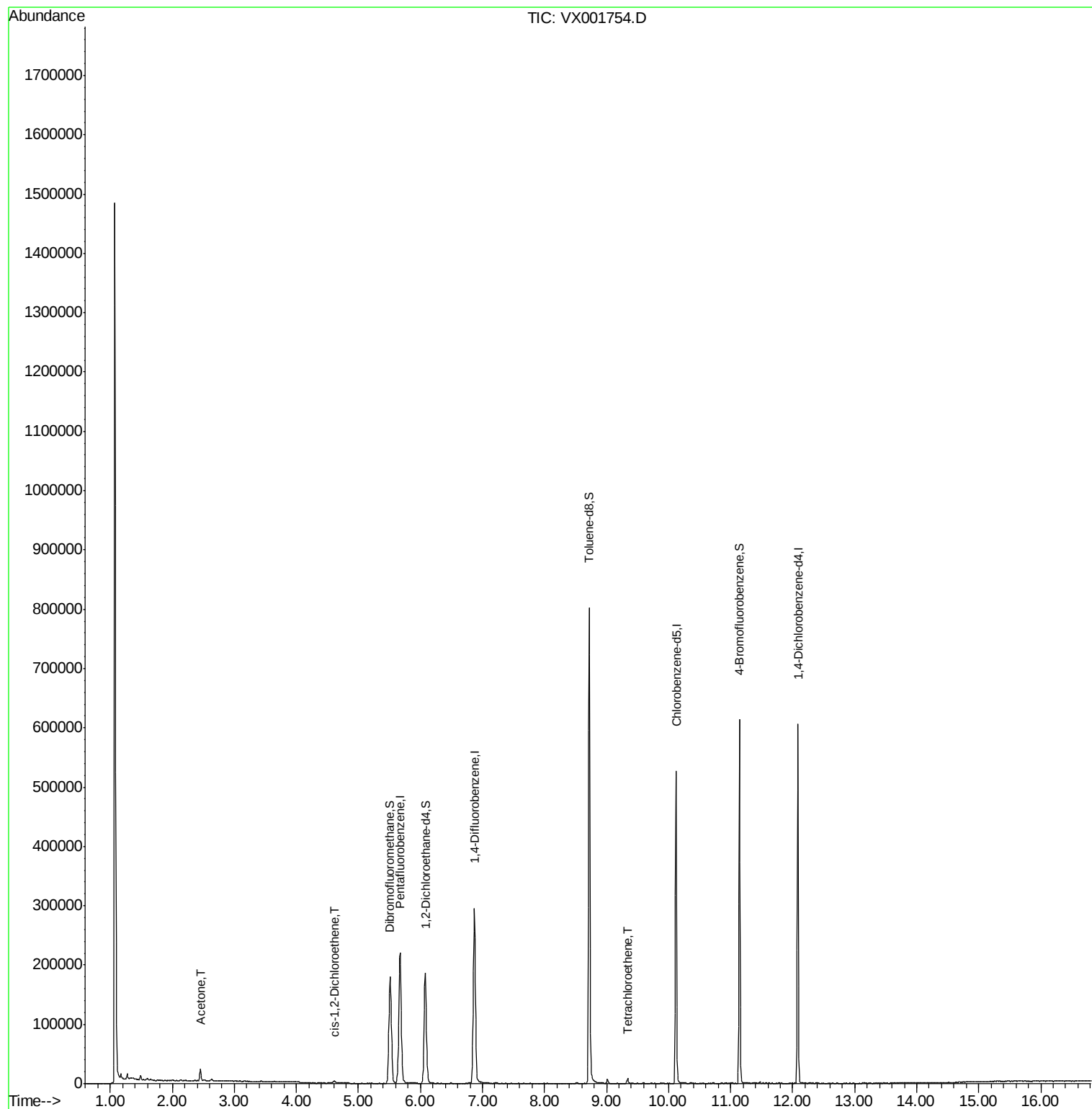
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 231052   | 50.00 | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 311929   | 50.00 | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 262458   | 50.00 | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 131933   | 50.00 | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |       |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.08  | 65   | 178615   | 57.67 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 115.34% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 146041   | 55.48 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 110.96% |          |
| 50) Toluene-d8              | 8.72  | 98   | 480543   | 50.97 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 101.94% |          |
| 62) 4-Bromofluorobenzene    | 11.15 | 95   | 149461   | 44.03 | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 88.06%  |          |
| Target Compounds            |       |      |          |       |         |          |
| 16) Acetone                 | 2.45  | 43   | 21005    | 17.27 | ug/l    | 97       |
| 27) cis-1,2-Dichloroethene  | 4.60  | 96   | 1930     | 0.67  | ug/l #  | 18       |
| 64) Tetrachloroethene       | 9.34  | 164  | 1786     | 0.52  | ug/l    | 90       |

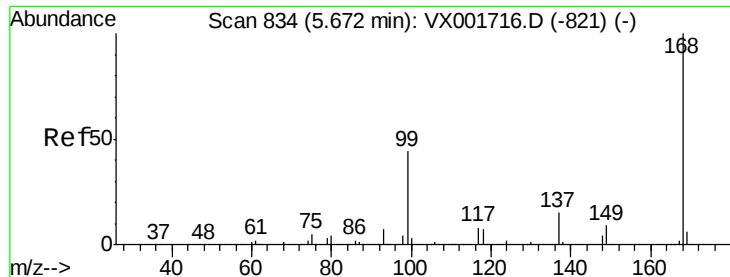
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 15 01:36:22 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX001754.D

Acq: 15 May 2018 19:10

Instrument :

MSVOA\_X

ClientSampleId :

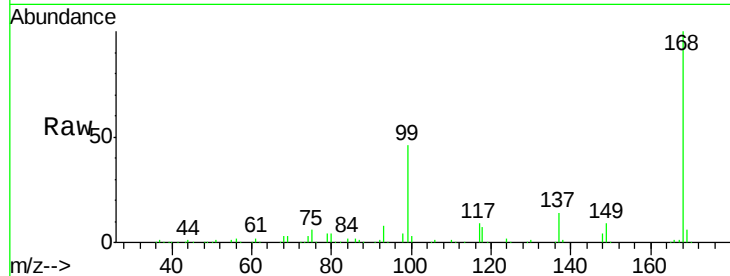
KY038PS033-180507

Tot Ion:168 Resp: 231052

Ion Ratio Lower Upper

168 100

99 45.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

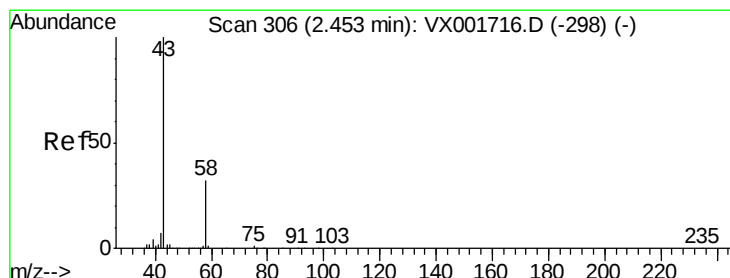
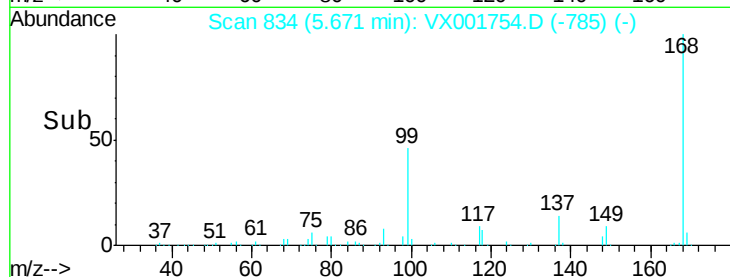
40000

20000

0

Time-->

5.60 5.70 5.80



#16

Acetone

Concen: 17.27 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001754.D

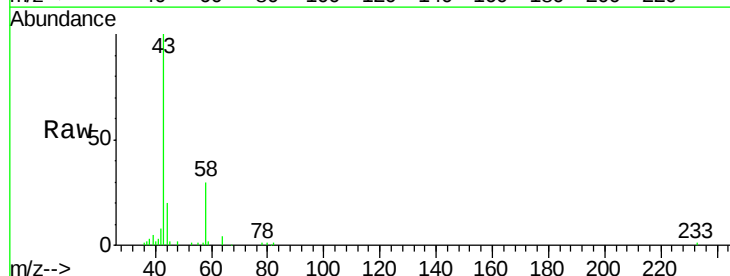
Acq: 15 May 2018 19:10

Tgt Ion: 43 Resp: 21005

Ion Ratio Lower Upper

43 100

58 30.2 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

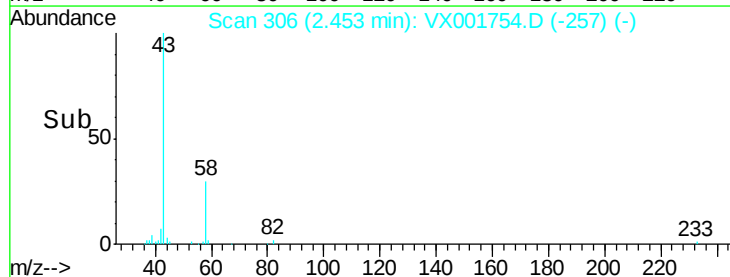
10000

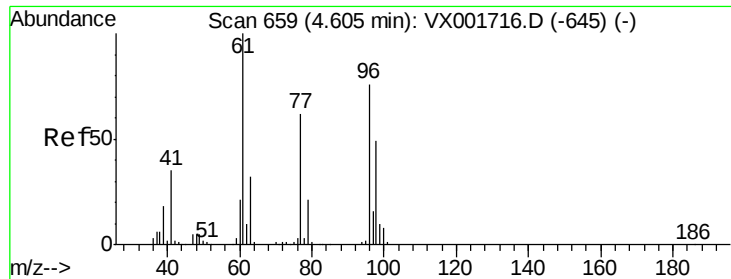
5000

0

Time-->

2.40 2.50





#27

cis-1,2-Dichloroethene

Concen: 0.67 ug/l

RT: 4.60 min Scan# 659

Delta R.T. -0.00 min

Lab File: VX001754.D

Acq: 15 May 2018 19:10

Instrument :

MSVOA\_X

ClientSampleId :

KY038PS033-180507

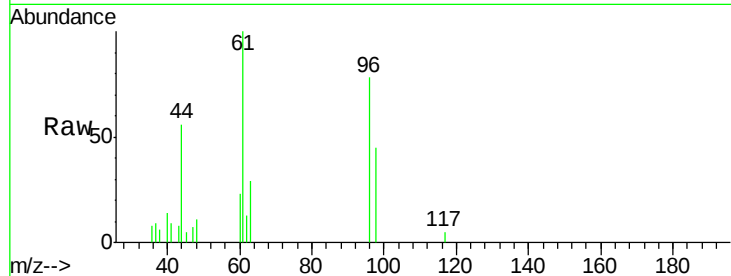
Tot Ion: 96 Resp: 1930

Ion Ratio Lower Upper

96 100

61 0.0 0.0 280.4

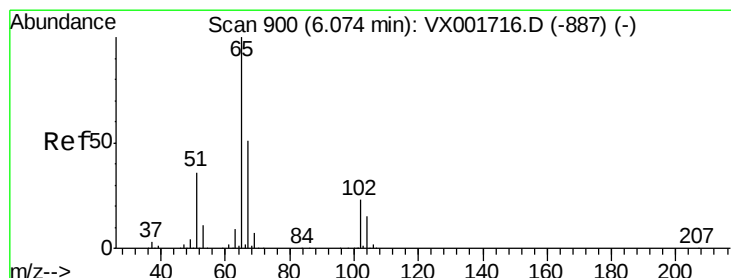
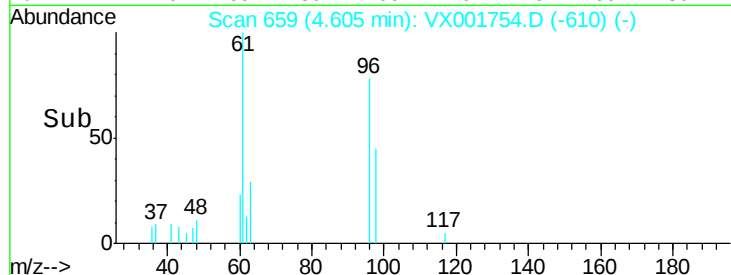
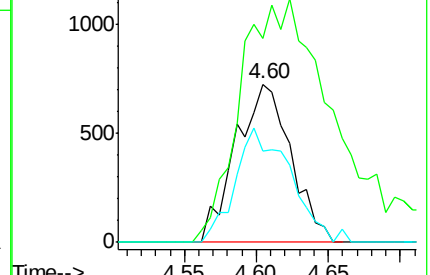
98 72.7 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 57.67 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001754.D

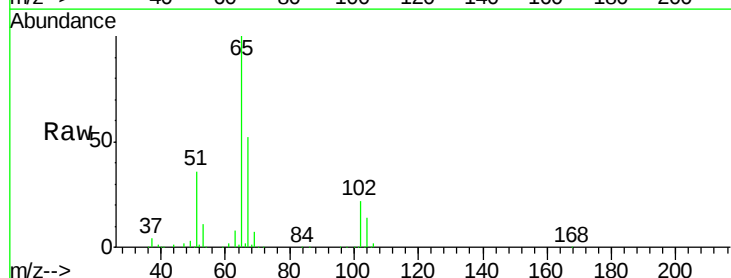
Acq: 15 May 2018 19:10

Tgt Ion: 65 Resp: 178615

Ion Ratio Lower Upper

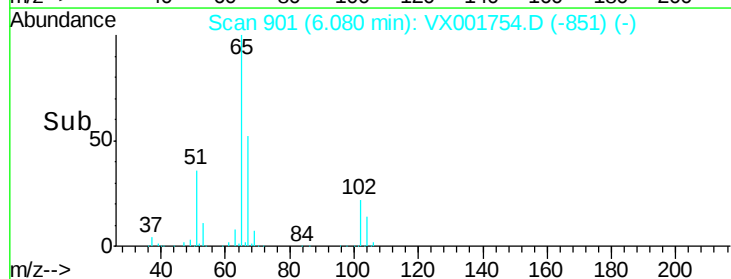
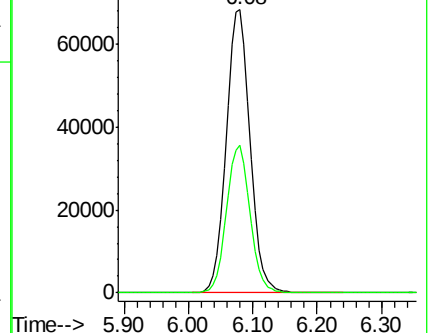
65 100

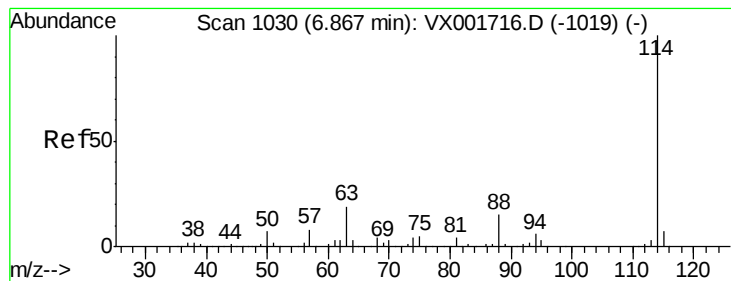
67 51.5 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001754.D

Acq: 15 May 2018 19:10

Instrument :

MSVOA\_X

ClientSampleId :

KY038PS033-180507

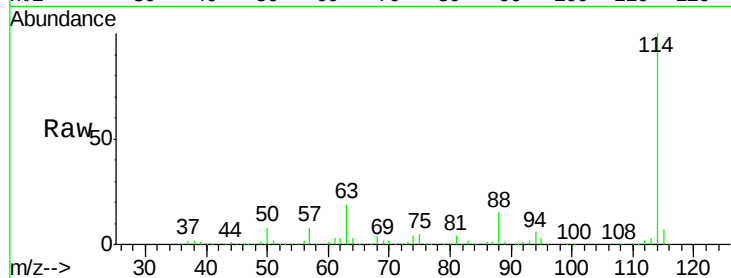
Tot Ion:114 Resp: 311929

Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.0

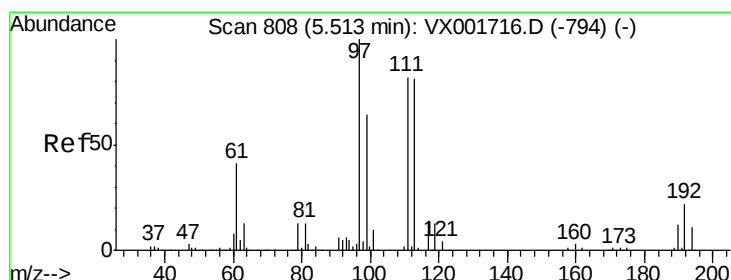
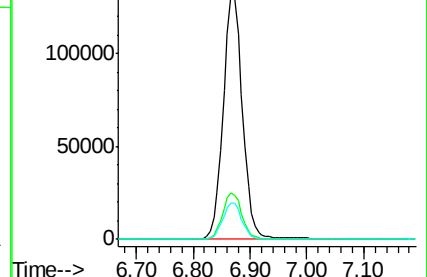
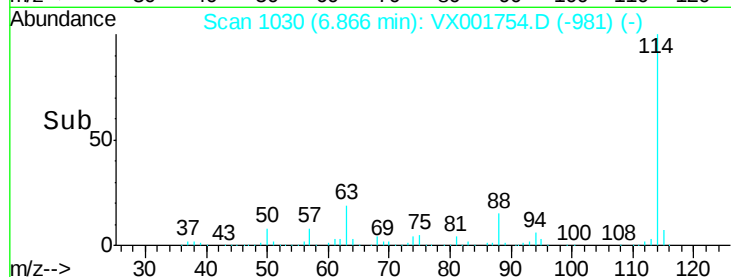
88 14.8 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 55.48 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001754.D

Acq: 15 May 2018 19:10

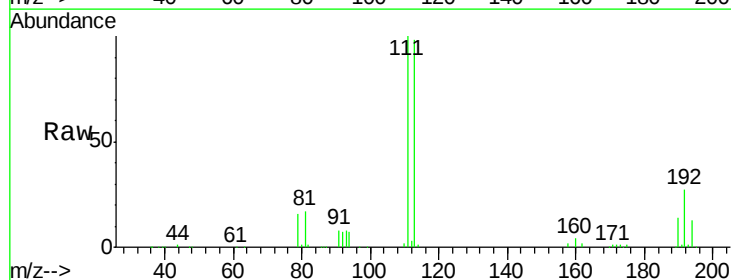
Tgt Ion:113 Resp: 146041

Ion Ratio Lower Upper

113 100

111 101.8 82.0 123.0

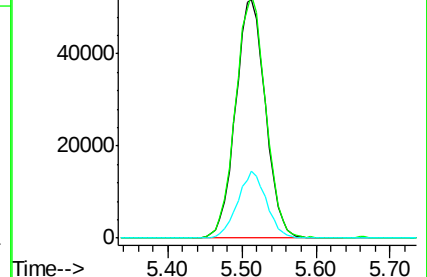
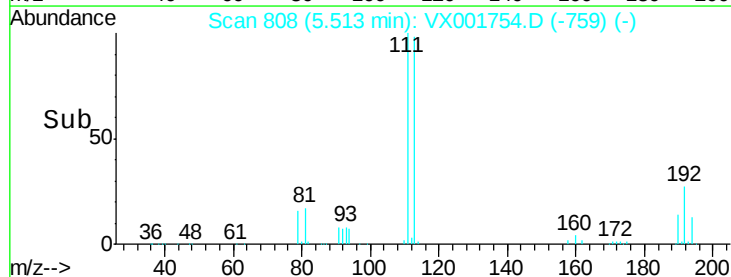
192 26.8 21.6 32.4

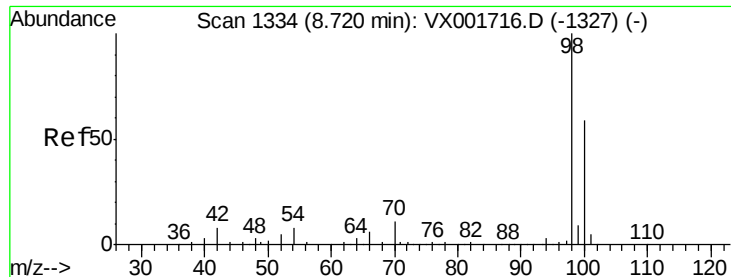


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.97 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001754.D

Acq: 15 May 2018 19:10

Instrument :

MSVOA\_X

ClientSampleId :

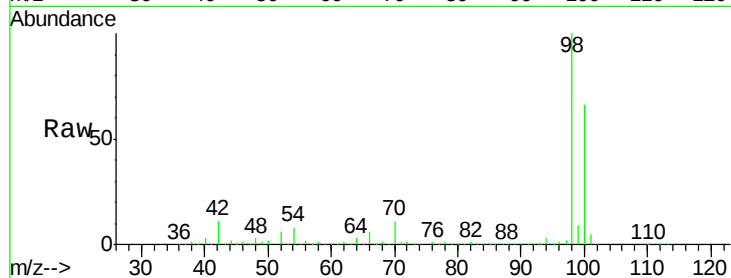
KY038PS033-180507

Tot Ion: 98 Resp: 480543

Ion Ratio Lower Upper

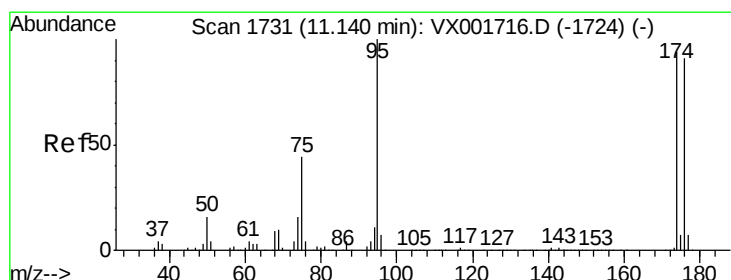
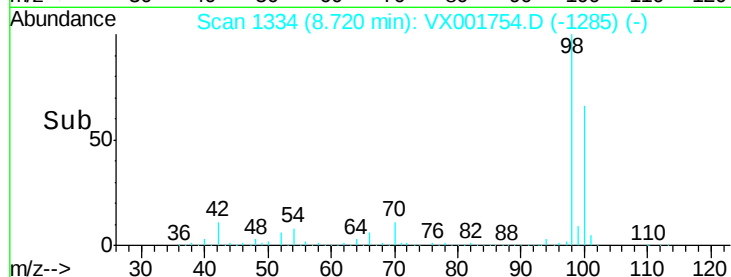
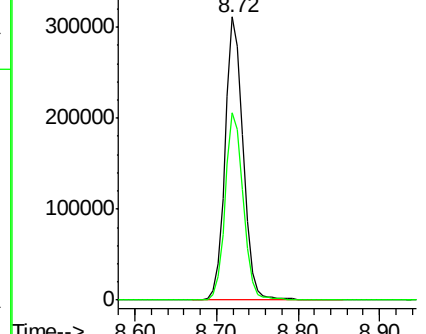
98 100

100 66.4 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.03 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001754.D

Acq: 15 May 2018 19:10

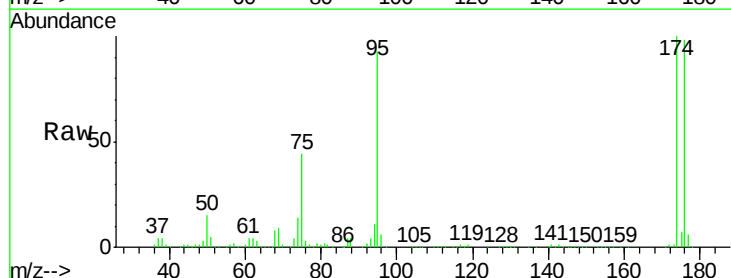
Tgt Ion: 95 Resp: 149461

Ion Ratio Lower Upper

95 100

174 103.1 0.0 201.8

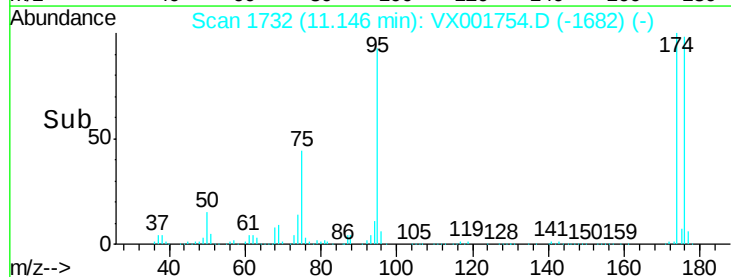
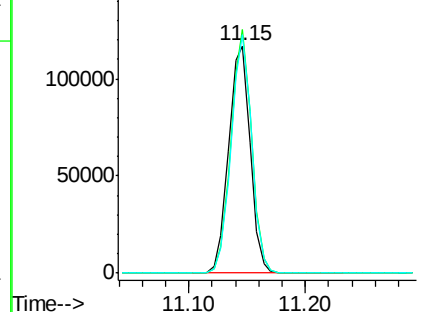
176 100.5 0.0 196.8

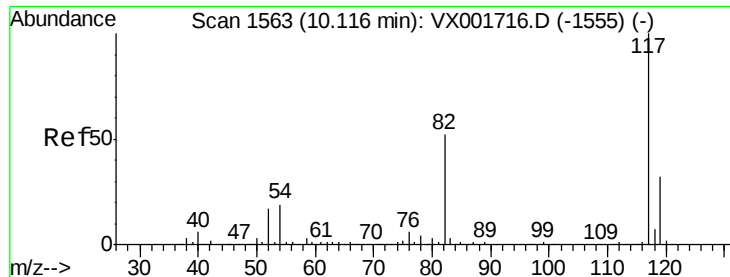


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

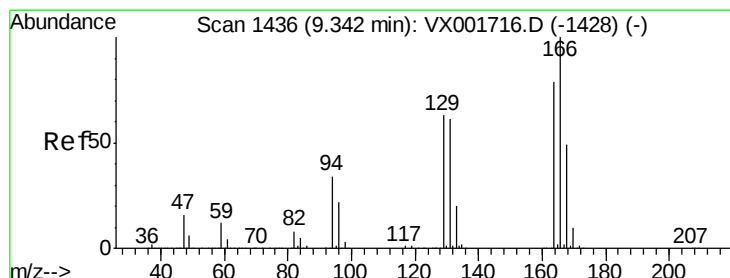
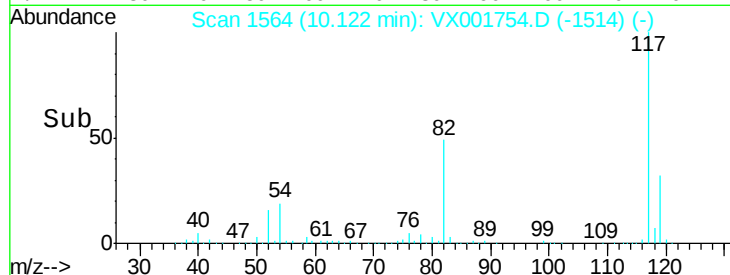
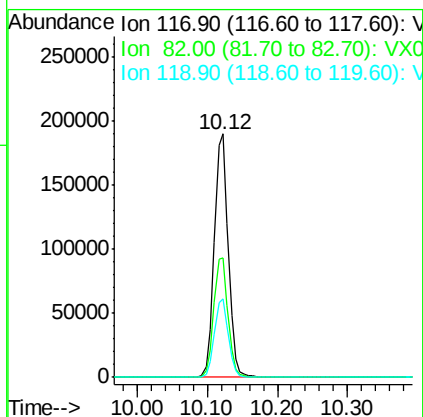
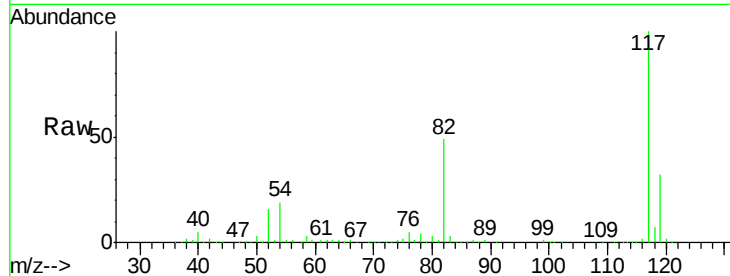




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. 0.01 min  
Lab File: VX001754.D  
Acq: 15 May 2018 19:10

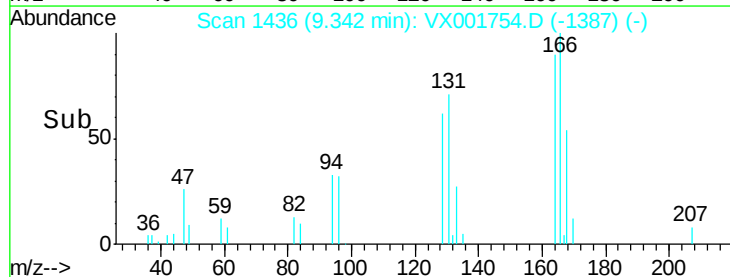
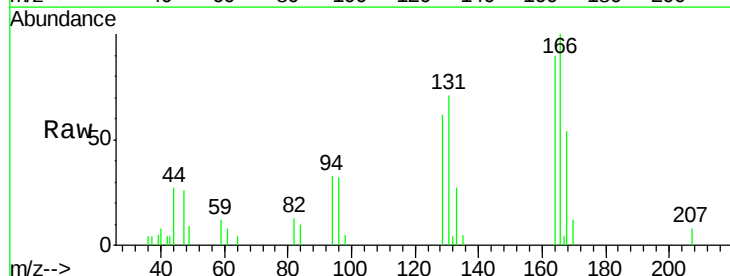
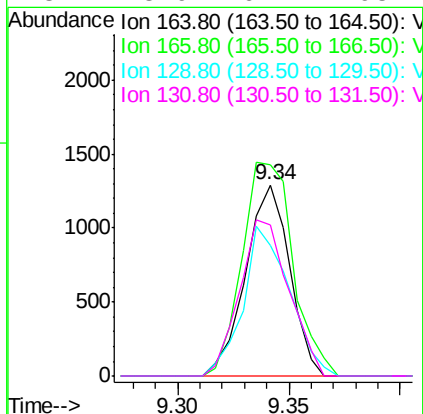
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MSVOA\_X  
ClientSampleId :  
KY038PS033-180507

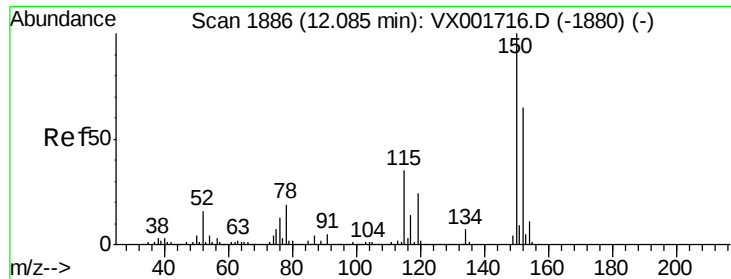
Tot Ion:117 Resp: 262458  
Ion Ratio Lower Upper  
117 100  
82 49.2 41.4 62.2  
119 32.4 25.6 38.4



#64  
Tetrachloroethene  
Concen: 0.52 ug/l  
RT: 9.34 min Scan# 1436  
Delta R.T. -0.00 min  
Lab File: VX001754.D  
Acq: 15 May 2018 19:10

Tgt Ion:164 Resp: 1786  
Ion Ratio Lower Upper  
164 100  
166 110.6 101.8 152.8  
129 68.6 63.8 95.6  
131 78.9 62.2 93.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001754.D

Acq: 15 May 2018 19:10

Instrument :

MSVOA\_X

ClientSampleId :

KY038PS033-180507

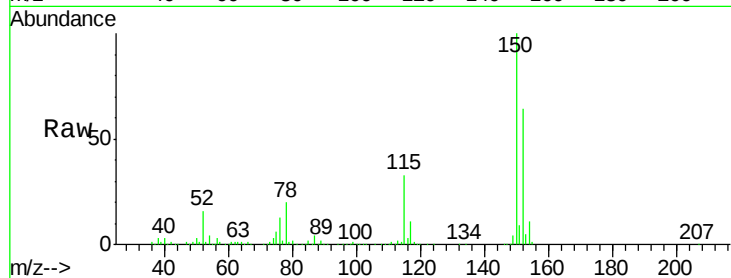
Tot Ion:152 Resp: 131933

Ion Ratio Lower Upper

152 100

115 52.3 37.4 112.2

150 156.1 0.0 344.8



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

