

Data File : VX002725.D  
Acq On : 19 Jun 2018 20:44  
Operator : JC/MD  
Sample : J3528-01  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TRIP-BLANK

Quant Time: Jun 26 05:04:37 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061518W.M  
Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:37:33 2018  
Response via : Initial Calibration

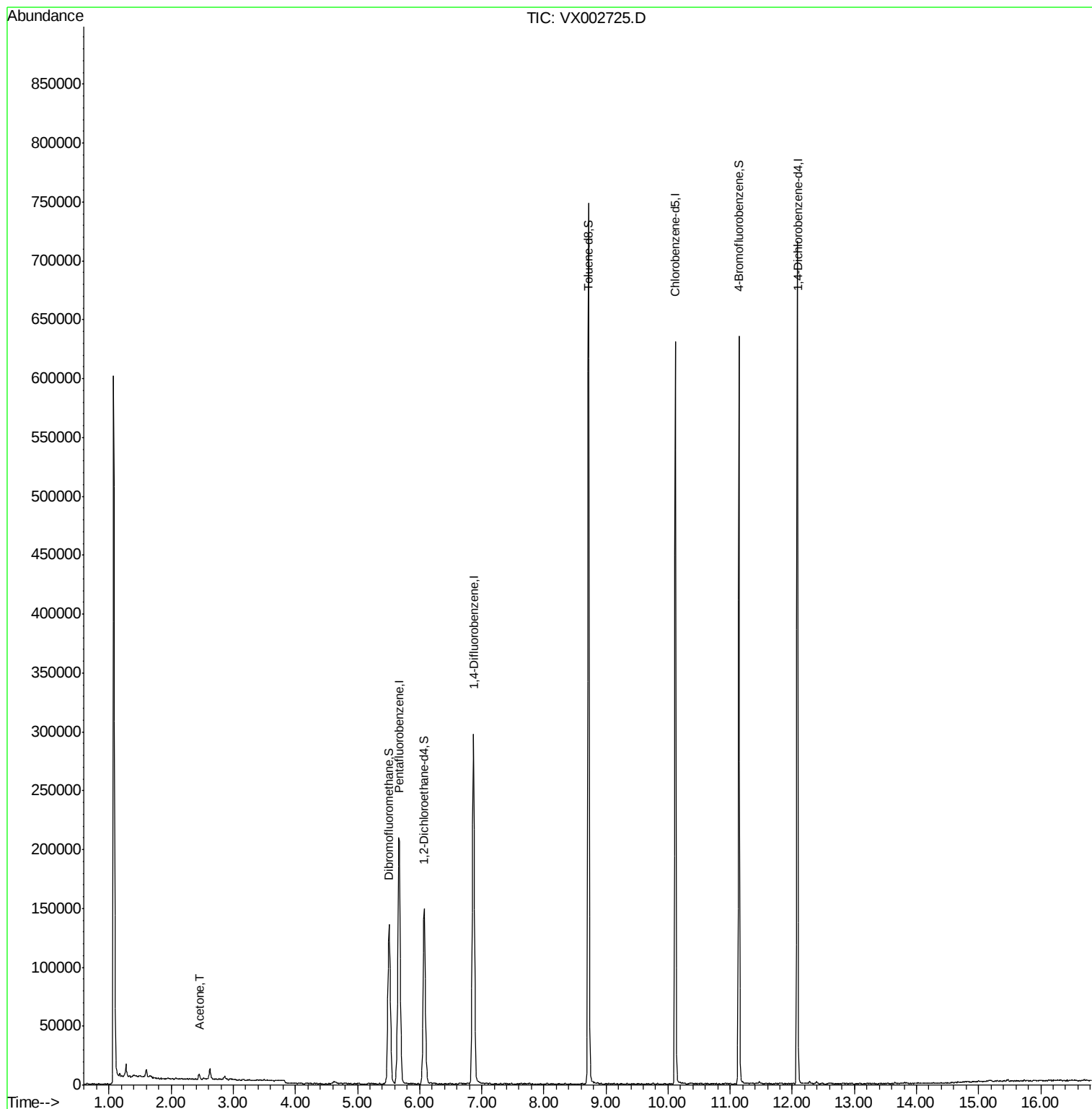
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 206936   | 50.00 | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 289175   | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 272951   | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 153846   | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 140707   | 44.74 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 89.48% |           |
| 35) Dibromofluoromethane    | 5.51  | 113  | 109239   | 47.33 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.66% |           |
| 50) Toluene-d8              | 8.72  | 98   | 418052   | 47.71 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.42% |           |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 145177   | 43.72 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 87.44% |           |
| Target Compounds            |       |      |          |       |        |           |
| 16) Acetone                 | 2.45  | 43   | 4968     | 3.581 | ug/l   | Qvalue 96 |

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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MSVOA\_X

ClientSampleId :

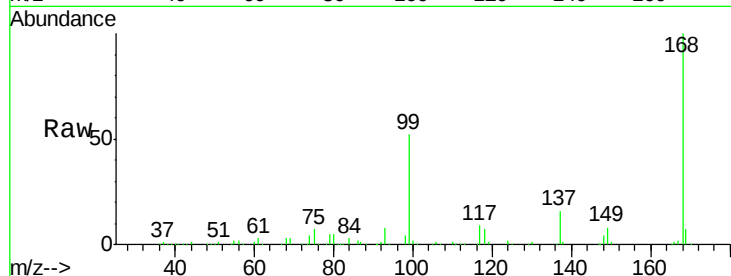
TRIP-BLANK

Tgt Ion:168 Resp: 206936

Ion Ratio Lower Upper

168 100

99 52.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

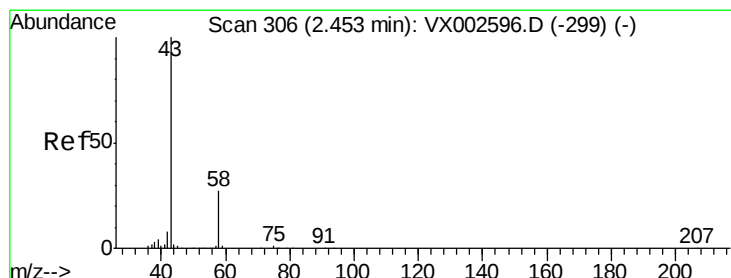
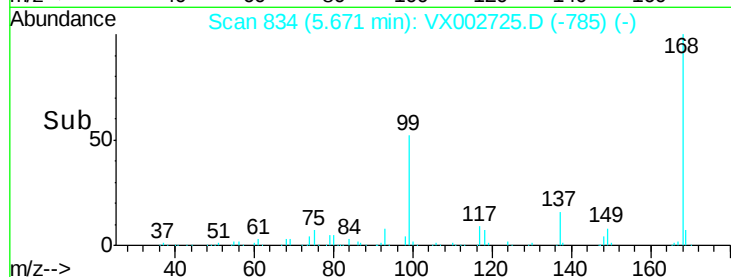
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.581 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX002725.D

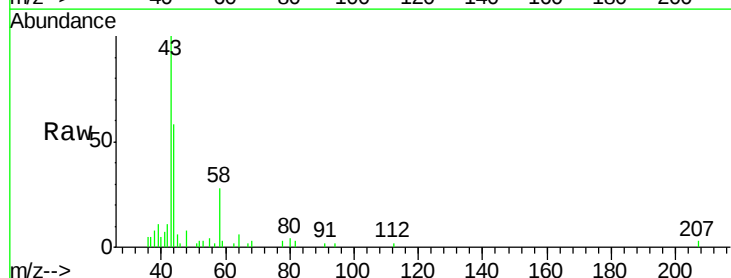
Acq: 19 Jun 2018 20:44

Tgt Ion: 43 Resp: 4968

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

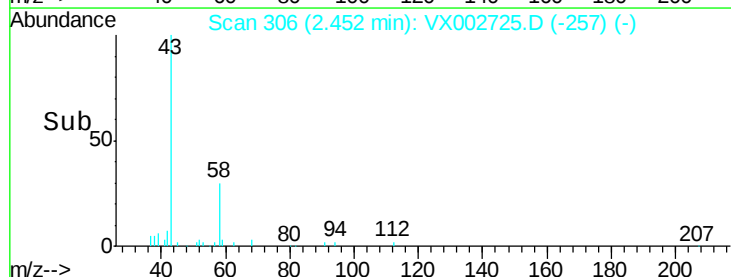
3000

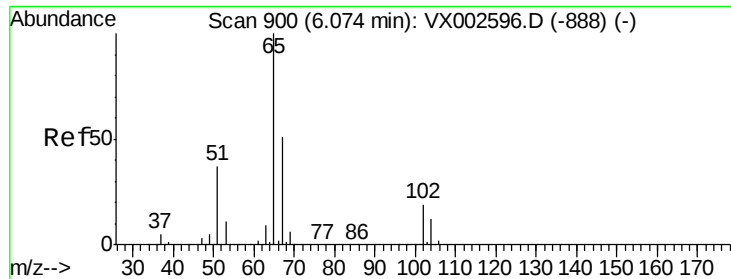
2000

1000

0

Time--> 2.40 2.45 2.50

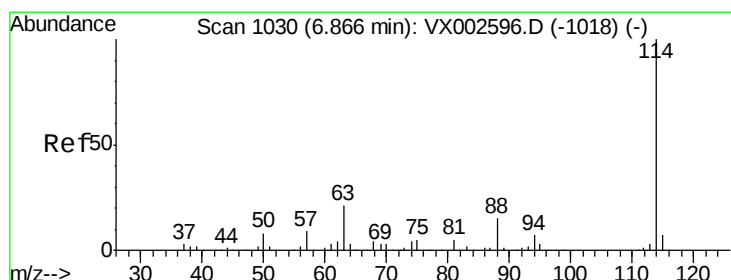
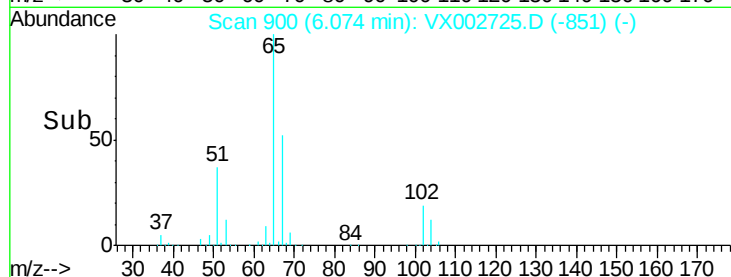
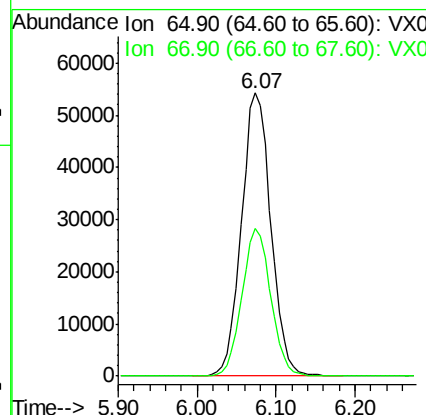
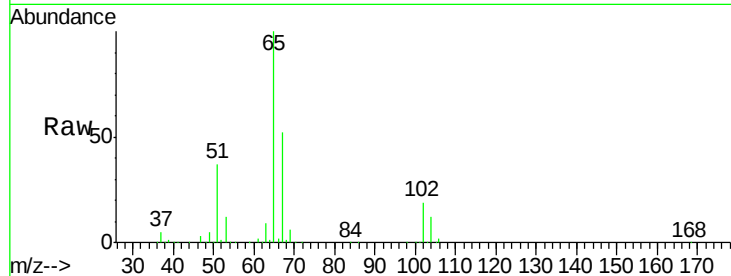




#33  
 1,2-Dichloroethane-d4  
 Concen: 44.745 ug/l  
 RT: 6.07 min Scan# 900  
 Delta R.T. 0.00 min  
 Lab File: VX002725.D  
 Acq: 19 Jun 2018 20:44

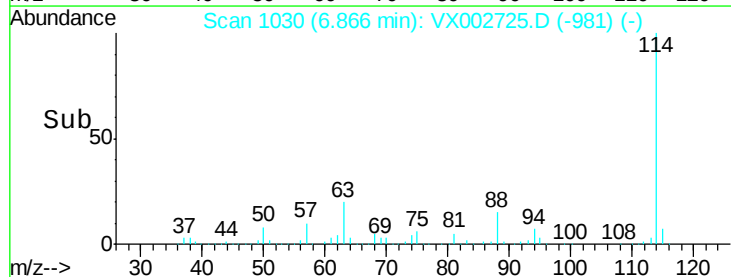
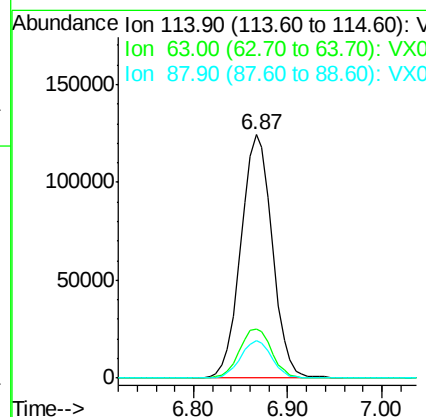
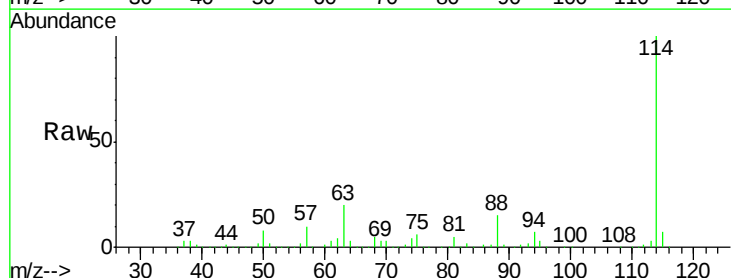
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TRIP-BLANK

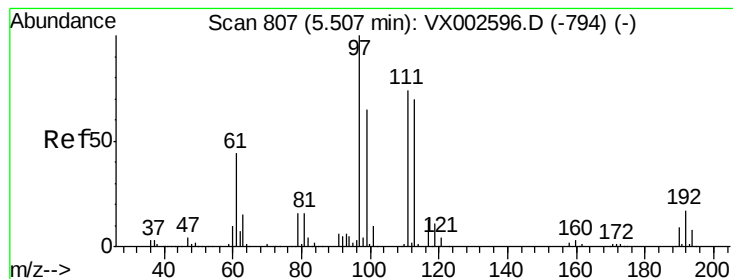
Tgt Ion: 65 Resp: 140707  
 Ion Ratio Lower Upper  
 65 100  
 67 51.3 0.0 102.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.87 min Scan# 1030  
 Delta R.T. -0.00 min  
 Lab File: VX002725.D  
 Acq: 19 Jun 2018 20:44

Tgt Ion: 114 Resp: 289175  
 Ion Ratio Lower Upper  
 114 100  
 63 20.4 0.0 41.4  
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.333 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002725.D

Acq: 19 Jun 2018 20:44

Instrument :

MSVOA\_X

ClientSampleId :

TRIP-BLANK

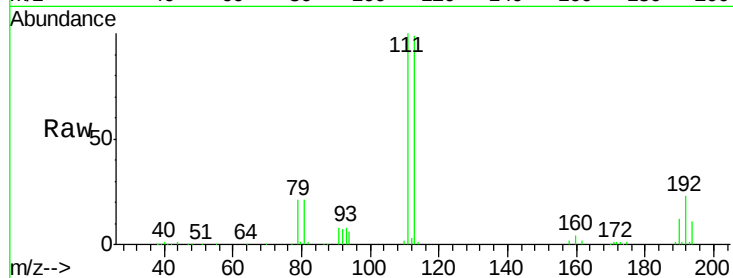
Tgt Ion:113 Resp: 109239

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

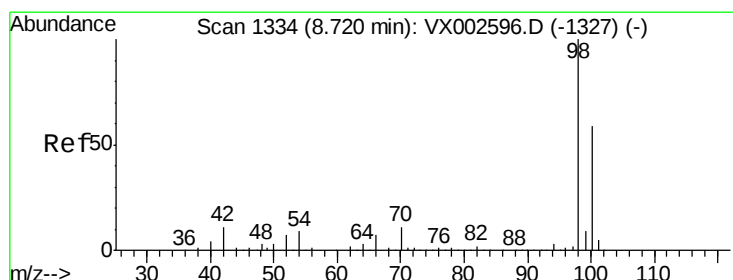
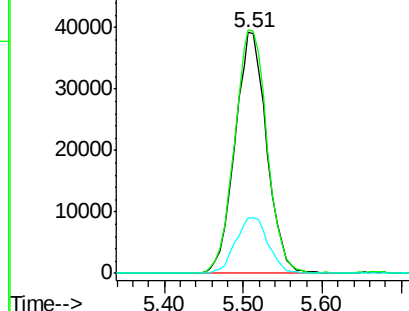
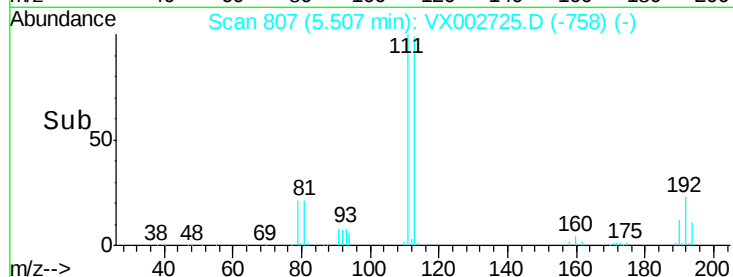
192 23.8 19.1 28.7



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: 47.706 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002725.D

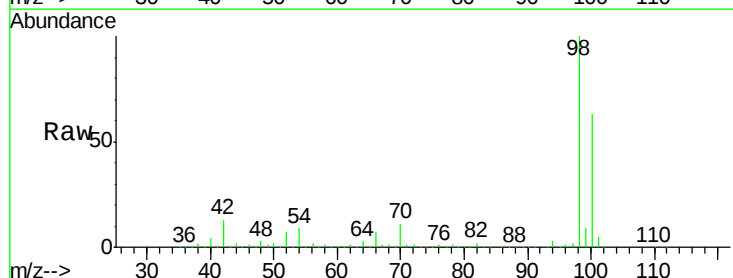
Acq: 19 Jun 2018 20:44

Tgt Ion: 98 Resp: 418052

Ion Ratio Lower Upper

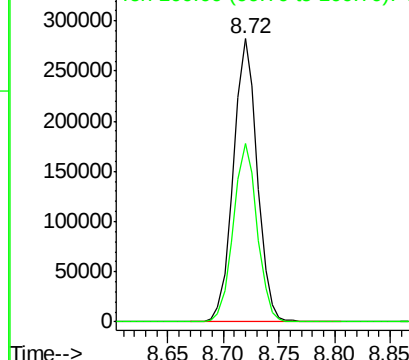
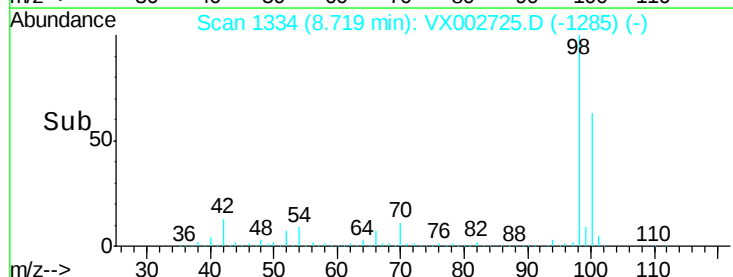
98 100

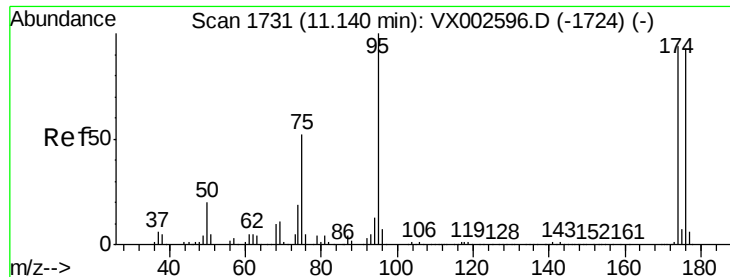
100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.720 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002725.D

Acq: 19 Jun 2018 20:44

Instrument :

MSVOA\_X

ClientSampleId :

TRIP-BLANK

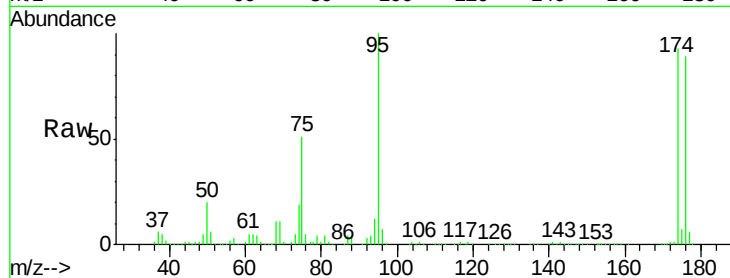
Tgt Ion: 95 Resp: 145177

Ion Ratio Lower Upper

95 100

174 97.0 0.0 187.4

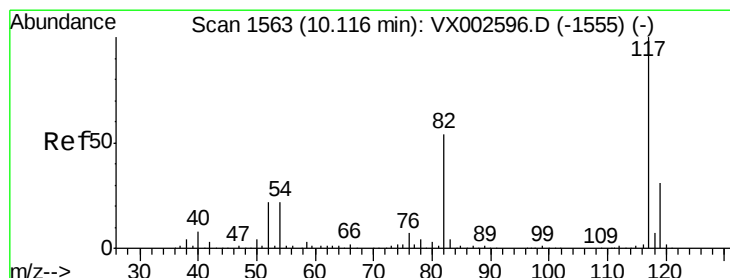
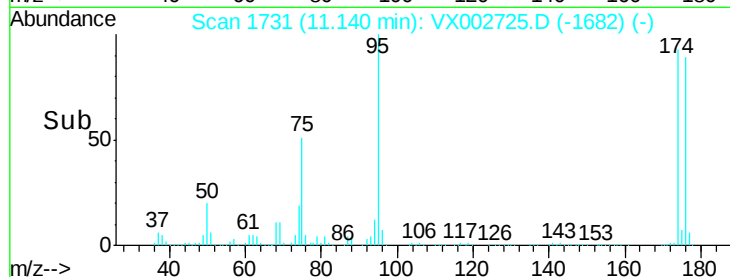
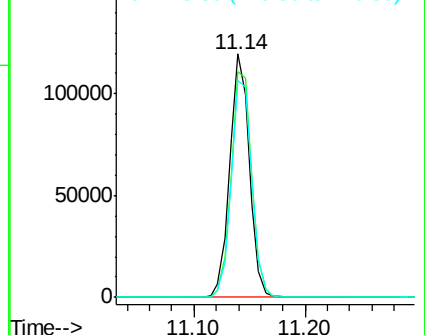
176 93.5 0.0 181.0



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: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002725.D

Acq: 19 Jun 2018 20:44

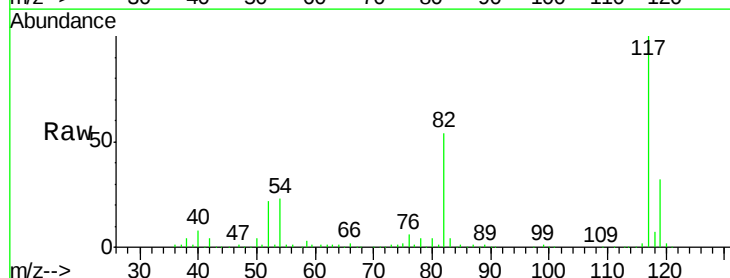
Tgt Ion: 117 Resp: 272951

Ion Ratio Lower Upper

117 100

82 54.2 45.0 67.4

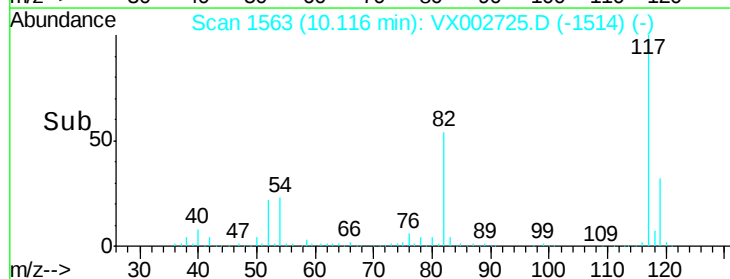
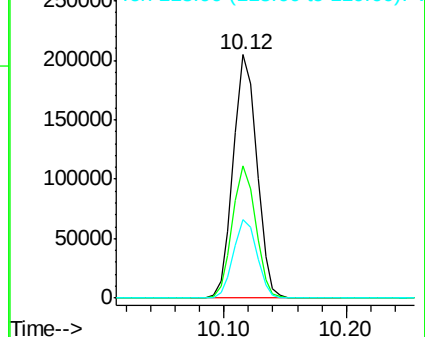
119 32.1 25.8 38.6

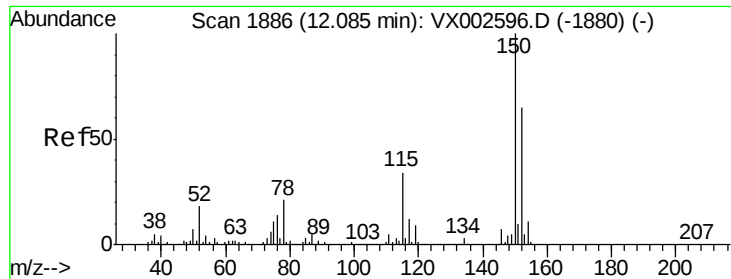


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002725.D

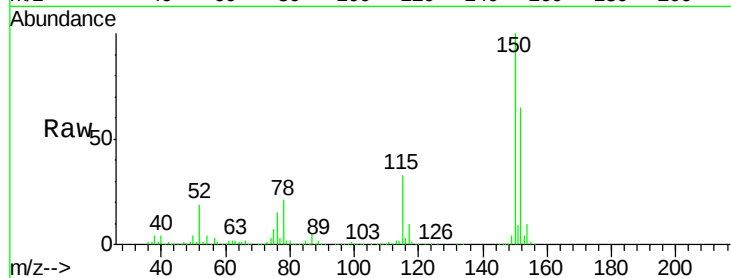
Acq: 19 Jun 2018 20:44

Instrument :

MSVOA\_X

ClientSampleId :

TRIP-BLANK



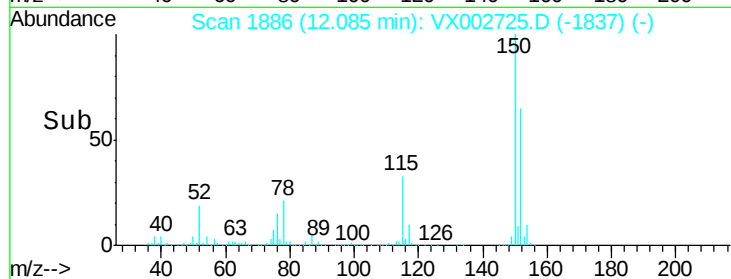
Tgt Ion:152 Resp: 153846

Ion Ratio Lower Upper

152 100

115 53.4 40.1 120.2

150 156.5 0.0 347.2



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

