

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061618\  
 Data File : VX002671.D  
 Acq On : 17 Jun 2018 02:03  
 Operator : JC/MD  
 Sample : J3509-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MWHR2-6-061318

Quant Time: Jun 18 04:18:25 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

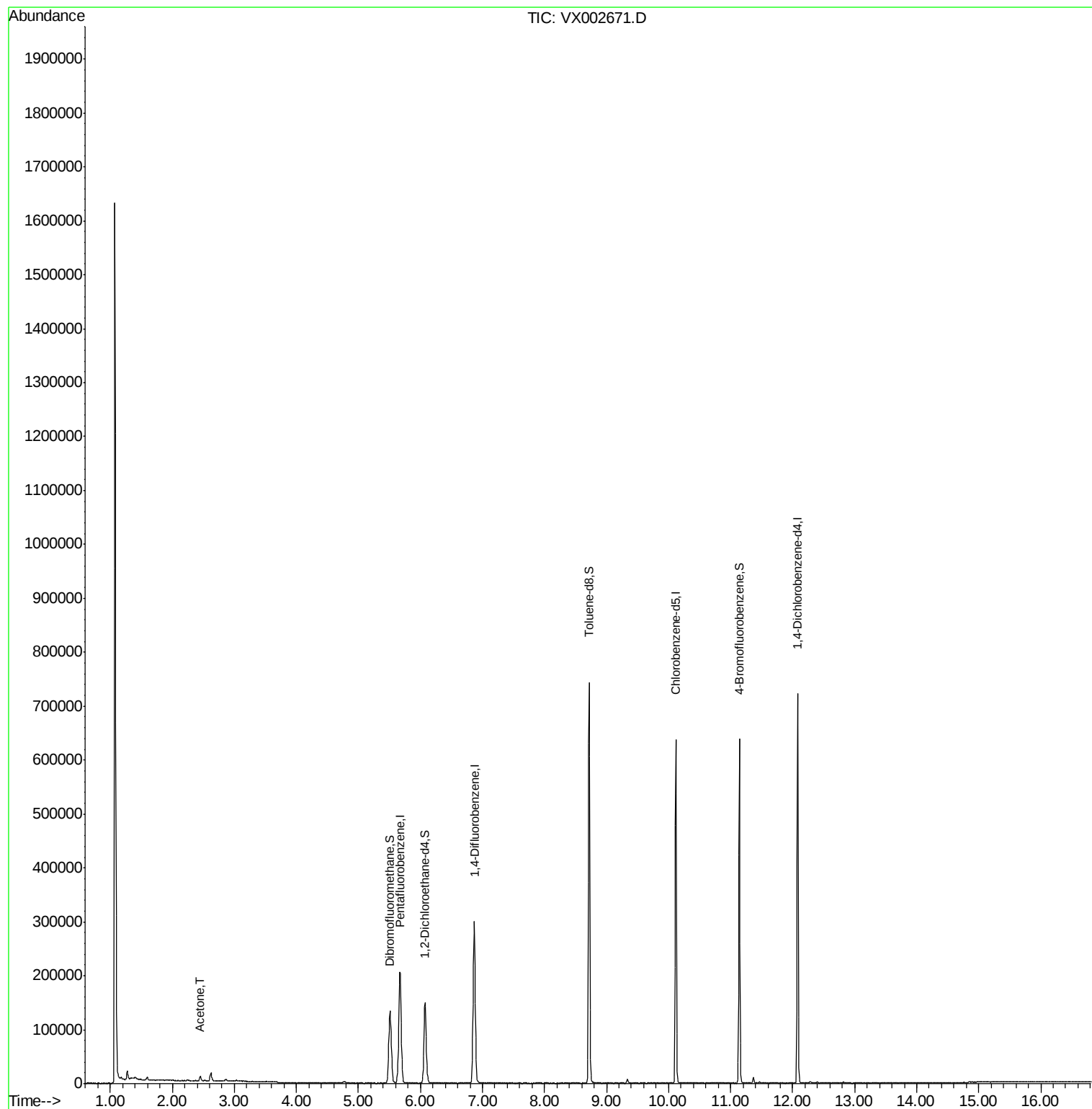
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 205440   | 50.00 | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.87  | 114  | 294811   | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 10.12 | 117  | 276227   | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.09 | 152  | 150505   | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 141579   | 45.35 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 90.70% |           |
| 35) Dibromofluoromethane    | 5.51  | 113  | 108970   | 46.31 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 92.62% |           |
| 50) Toluene-d8              | 8.72  | 98   | 421266   | 47.15 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.30% |           |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 144934   | 42.81 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 85.62% |           |
| Target Compounds            |       |      |          |       |        |           |
| 16) Acetone                 | 2.45  | 43   | 9122     | 6.623 | ug/l   | Qvalue 92 |

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

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Quant Title : SW846 8260  
QLast Update : Sat Jun 16 01:37:33 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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Acq: 17 Jun 2018 02:03

Instrument :

MSVOA\_X

ClientSampleId :

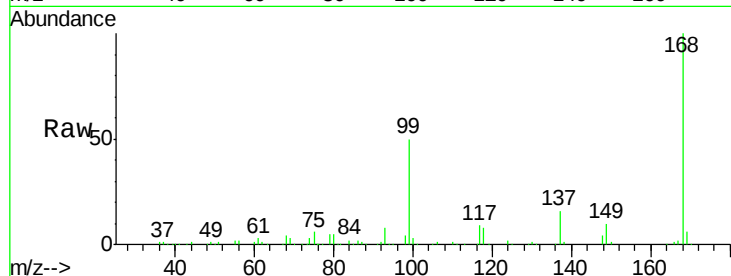
MWHR2-6-061318

Tot Ion:168 Resp: 205440

Ion Ratio Lower Upper

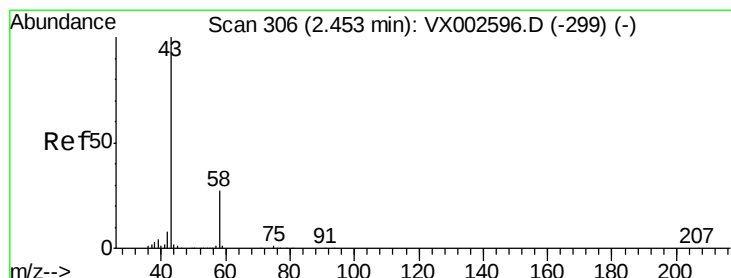
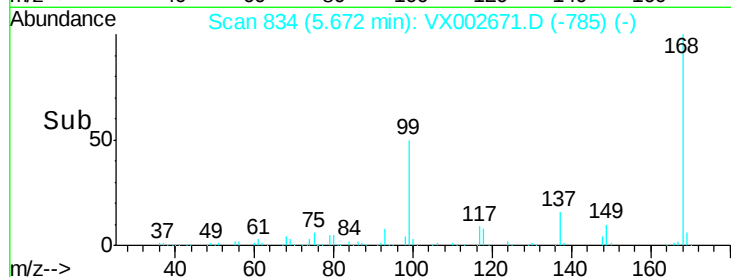
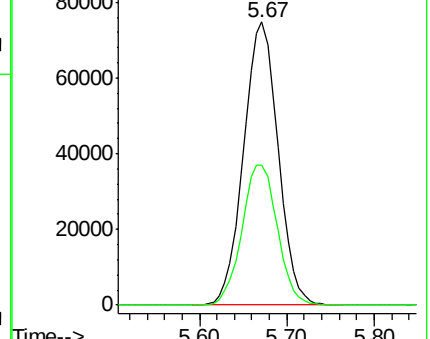
168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 6.623 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002671.D

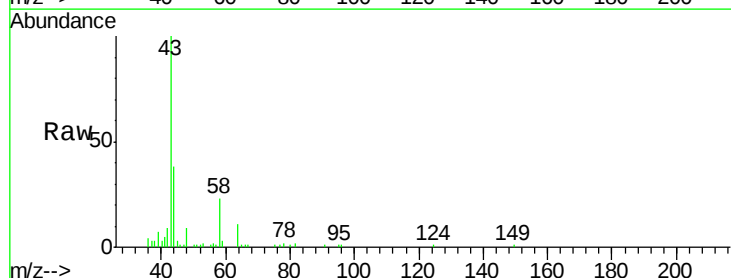
Acq: 17 Jun 2018 02:03

Tgt Ion: 43 Resp: 9122

Ion Ratio Lower Upper

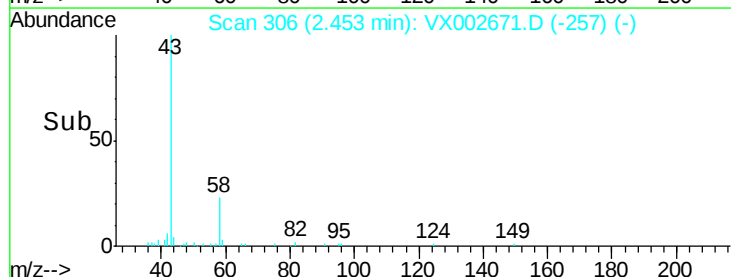
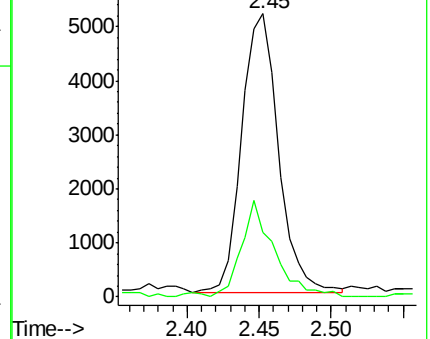
43 100

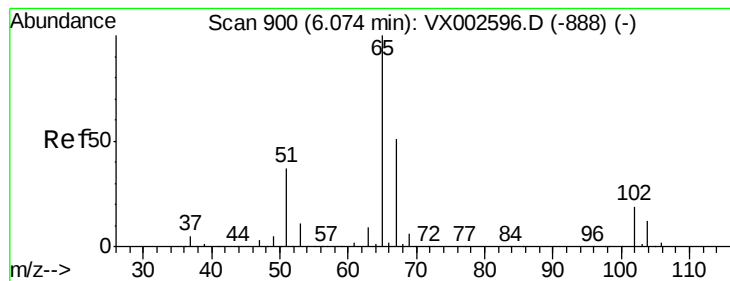
58 23.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.350 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002671.D

Acq: 17 Jun 2018 02:03

Instrument :

MSVOA\_X

ClientSampleId :

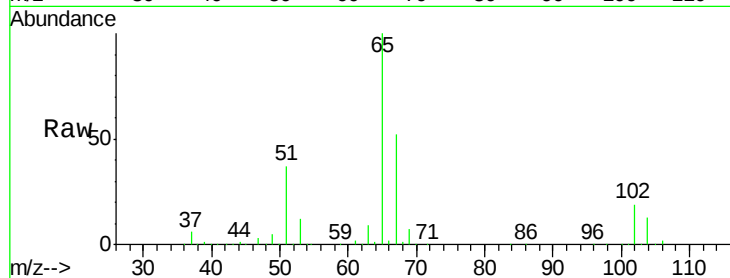
MWHR2-6-061318

Tot Ion: 65 Resp: 141579

Ion Ratio Lower Upper

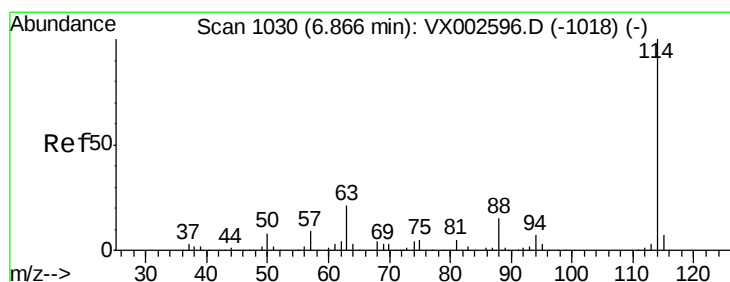
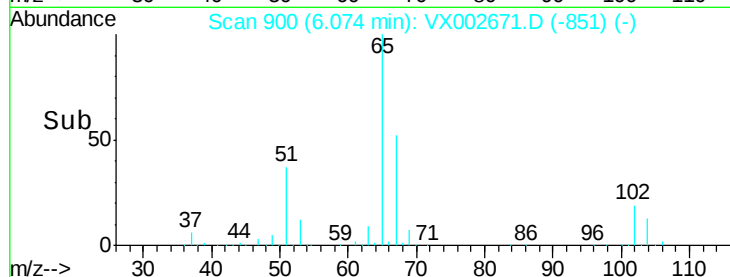
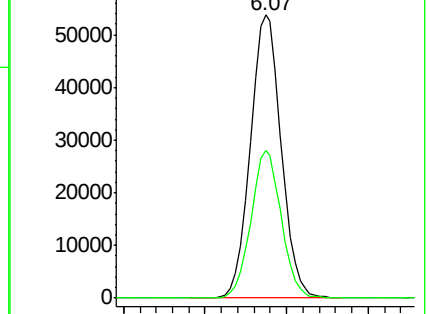
65 100

67 51.4 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002671.D

Acq: 17 Jun 2018 02:03

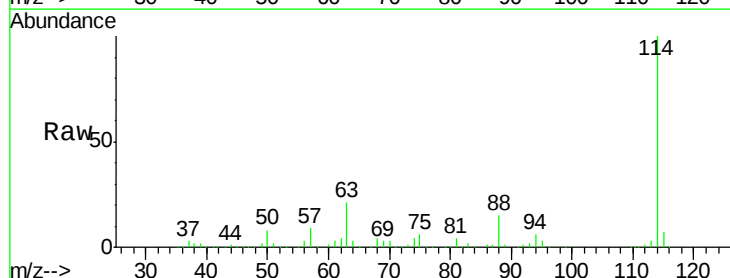
Tgt Ion: 114 Resp: 294811

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

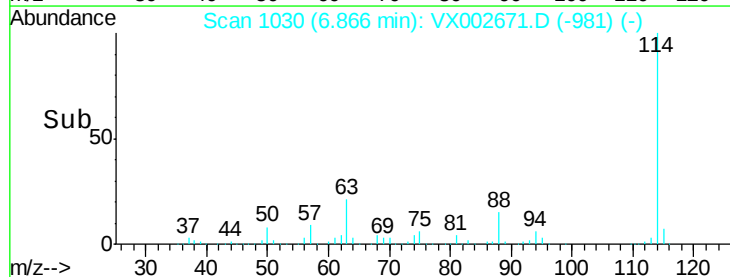
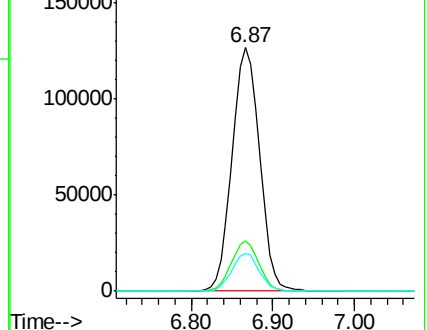
88 15.4 0.0 30.0

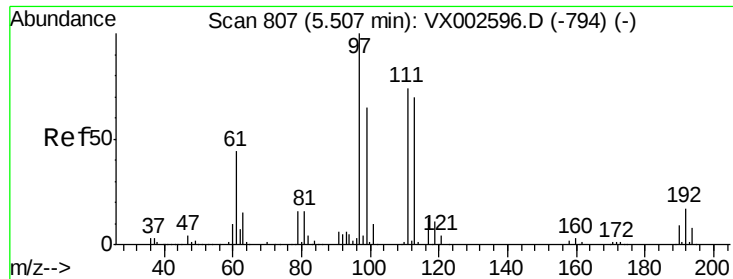


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

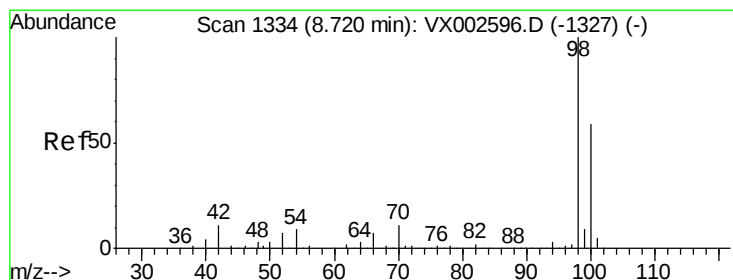
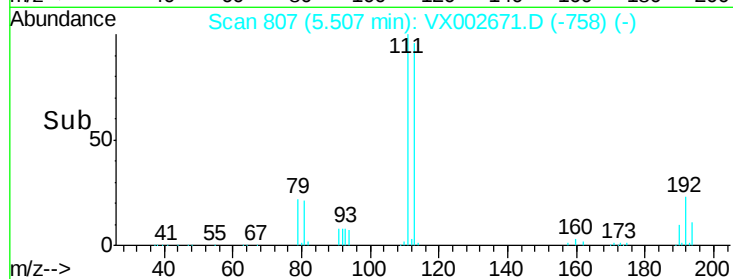
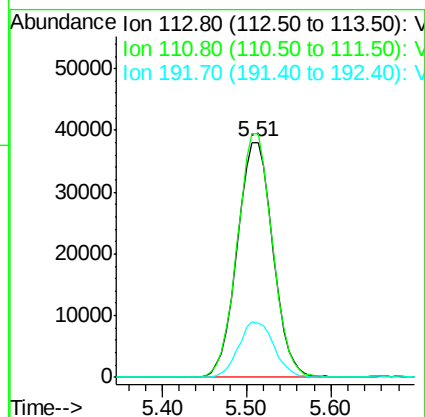
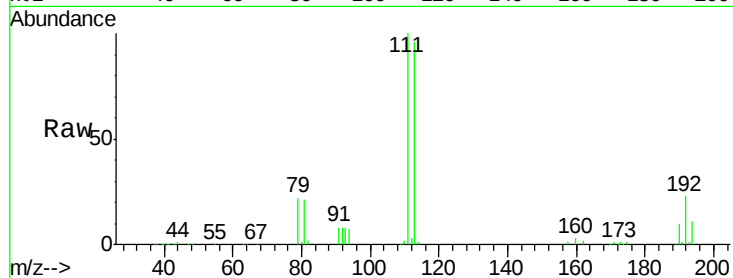




#35  
 Dibromofluoromethane  
 Concen: 46.313 ug/l  
 RT: 5.51 min Scan# 807  
 Delta R.T. 0.00 min  
 Lab File: VX002671.D  
 Acq: 17 Jun 2018 02:03

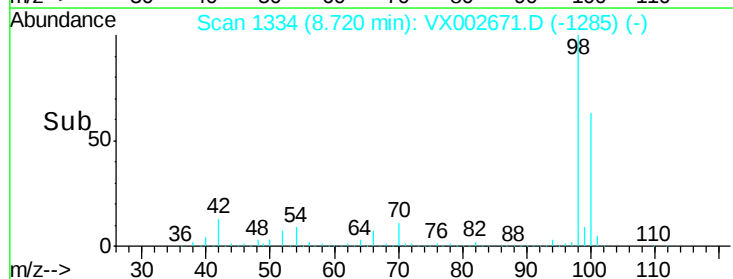
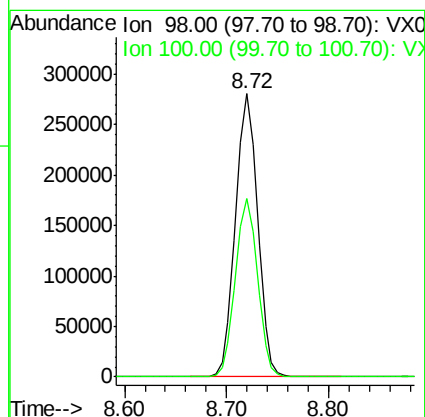
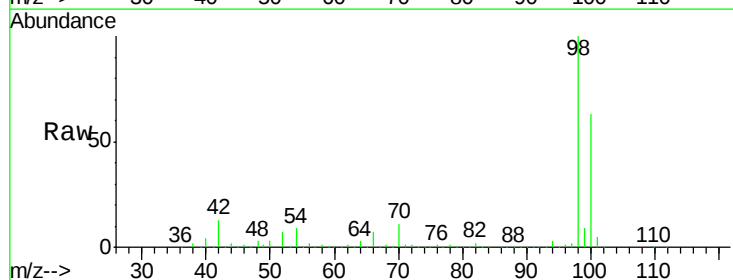
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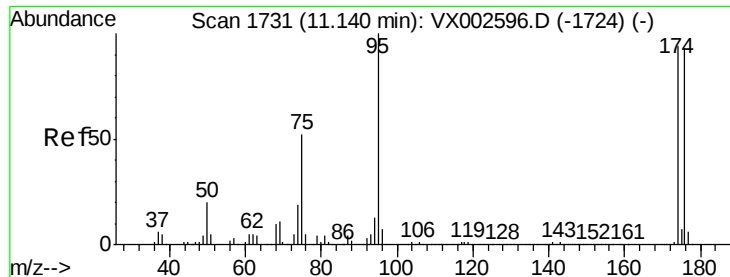
Tot Ion:113 Resp: 108970  
 Ion Ratio Lower Upper  
 113 100  
 111 101.9 81.4 122.0  
 192 23.6 19.1 28.7



#50  
 Toluene-d8  
 Concen: 47.154 ug/l  
 RT: 8.72 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: VX002671.D  
 Acq: 17 Jun 2018 02:03

Tgt Ion: 98 Resp: 421266  
 Ion Ratio Lower Upper  
 98 100  
 100 63.1 50.9 76.3

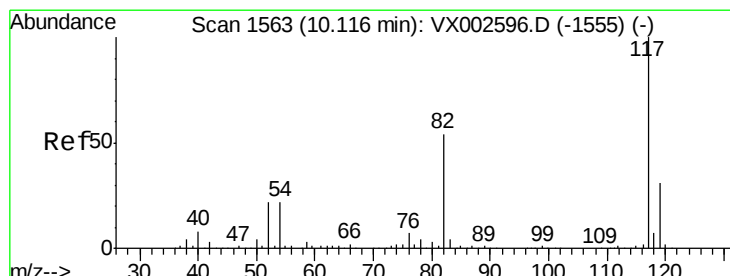
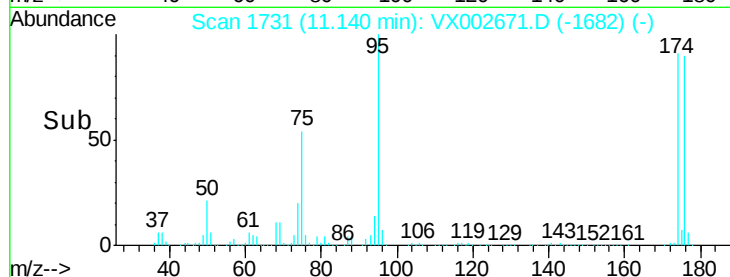
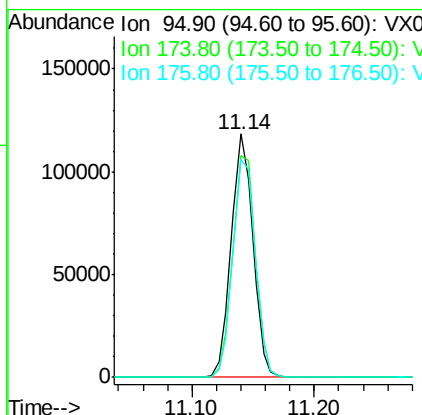
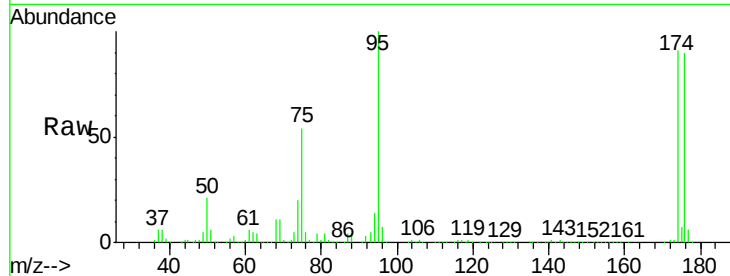




#62  
4-Bromofluorobenzene  
Concen: 42.813 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. 0.00 min  
Lab File: VX002671.D  
Acq: 17 Jun 2018 02:03

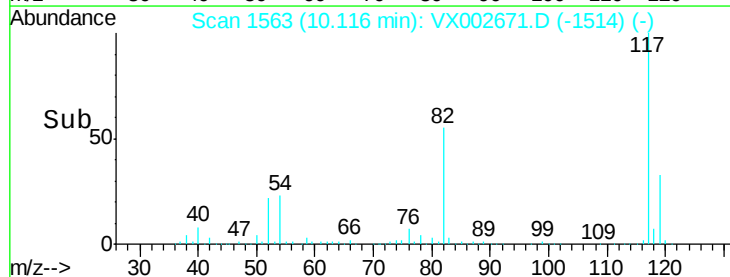
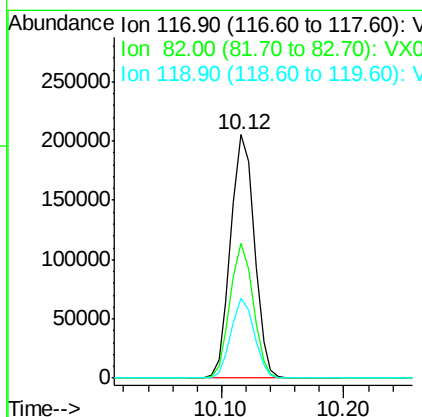
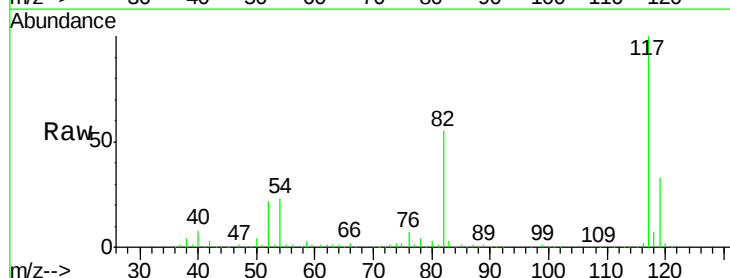
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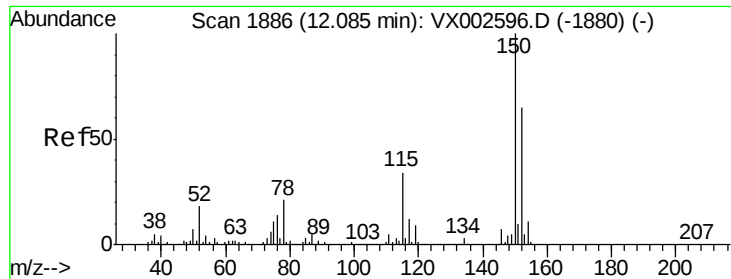
Tot Ion: 95 Resp: 144934  
Ion Ratio Lower Upper  
95 100  
174 95.9 0.0 187.4  
176 92.9 0.0 181.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. 0.00 min  
Lab File: VX002671.D  
Acq: 17 Jun 2018 02:03

Tgt Ion: 117 Resp: 276227  
Ion Ratio Lower Upper  
117 100  
82 55.2 45.0 67.4  
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002671.D

Acq: 17 Jun 2018 02:03

Instrument :

MSVOA\_X

ClientSampleId :

MWHR2-6-061318

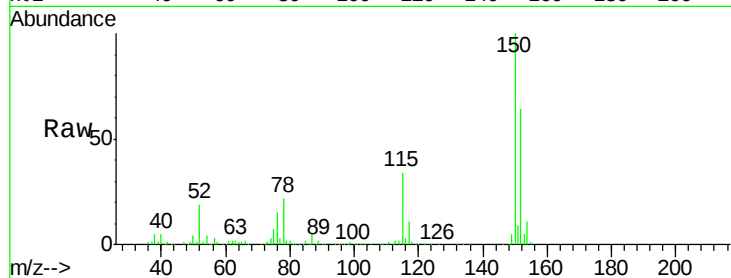
Tot Ion:152 Resp: 150505

Ion Ratio Lower Upper

152 100

115 54.7 40.1 120.2

150 157.0 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

