

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040119\  
 Data File : VX008580.D  
 Acq On : 01 Apr 2019 19:39  
 Operator : JC/SP  
 Sample : K2210-05  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WE-7

Quant Time: Apr 02 02:37:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X032519W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Mar 26 07:57:20 2019  
 Response via : Initial Calibration

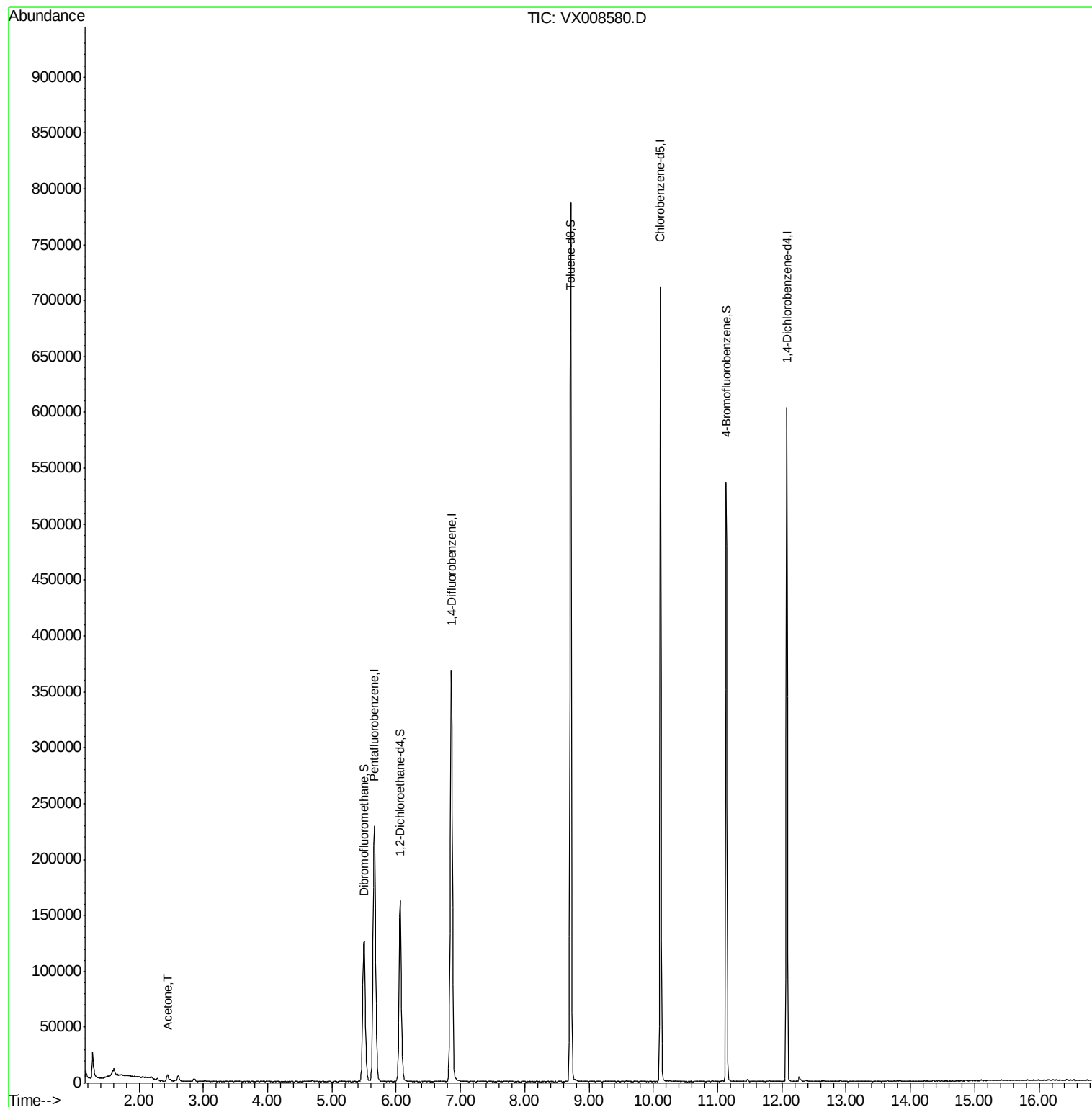
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|-------|------|----------|-------|--------|-----------|
| 1) Pentafluorobenzene       | 5.66  | 168  | 213913   | 50.00 | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 359090   | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 303063   | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 119080   | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |       |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 150946   | 46.55 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 93.10% |           |
| 35) Dibromofluoromethane    | 5.50  | 113  | 110779   | 47.31 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 94.62% |           |
| 50) Toluene-d8              | 8.71  | 98   | 445069   | 47.54 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 95.08% |           |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 145255   | 41.87 | ug/l   | 0.00      |
| Spiked Amount 50.000        |       |      | Recovery | =     | 83.74% |           |
| Target Compounds            |       |      |          |       |        |           |
| 16) Acetone                 | 2.44  | 43   | 6796     | 4.010 | ug/l   | Qvalue 95 |

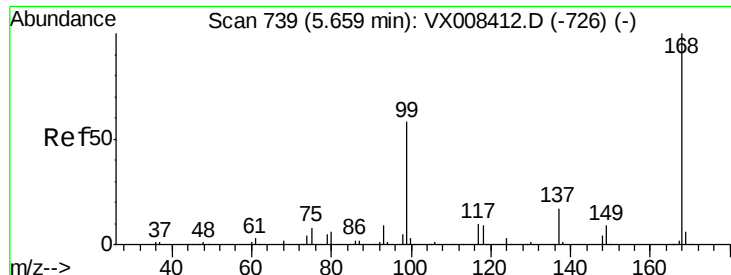
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX008580.D

Acq: 01 Apr 2019 19:39

Instrument :

MSVOA\_X

ClientSampled :

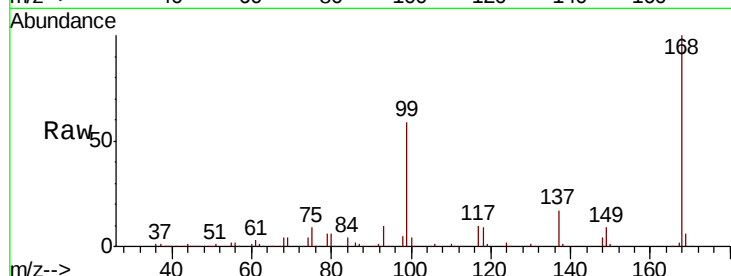
WE-7

Tot Ion:168 Resp: 213913

Ion Ratio Lower Upper

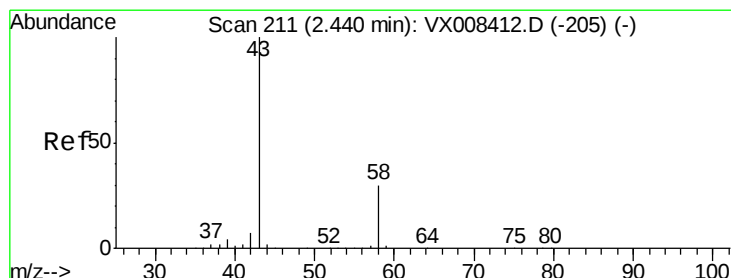
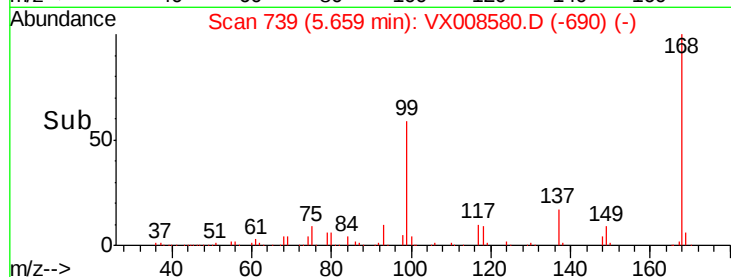
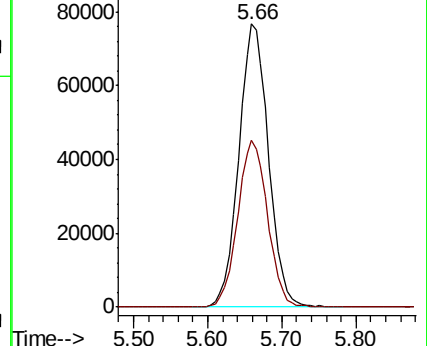
168 100

99 58.9 46.0 69.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 4.010 ug/l

RT: 2.44 min Scan# 211

Delta R.T. 0.00 min

Lab File: VX008580.D

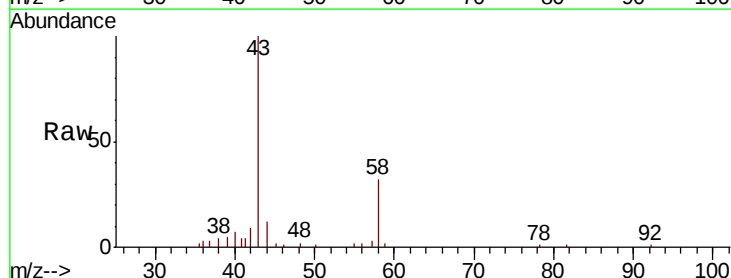
Acq: 01 Apr 2019 19:39

Tgt Ion: 43 Resp: 6796

Ion Ratio Lower Upper

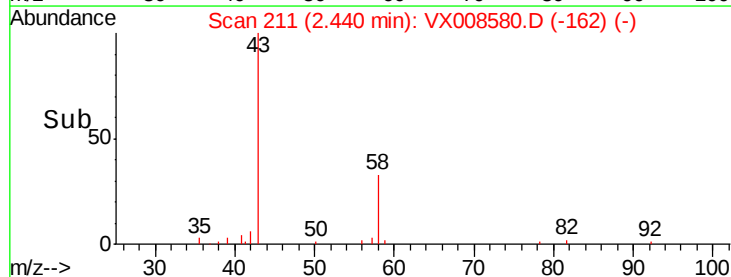
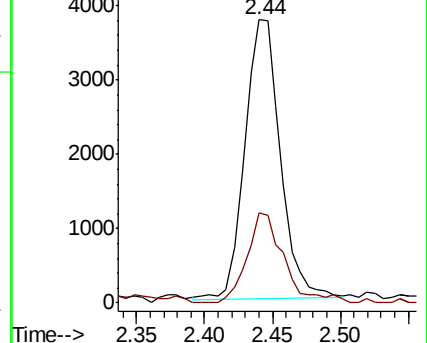
43 100

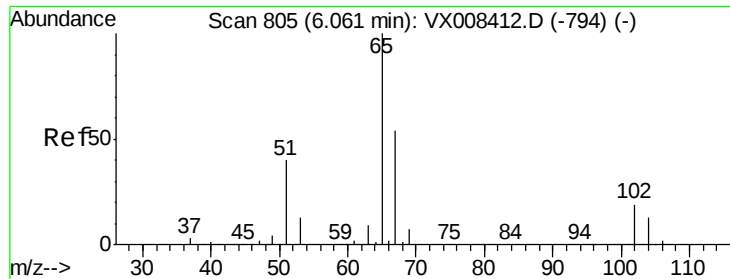
58 32.7 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

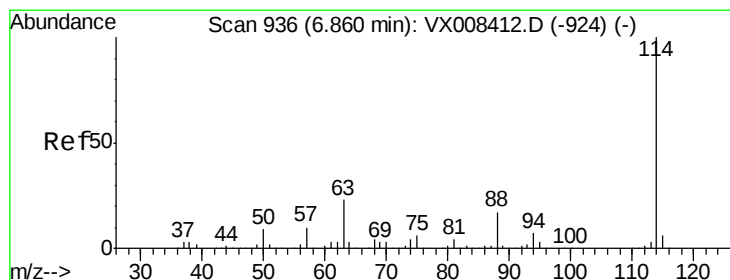
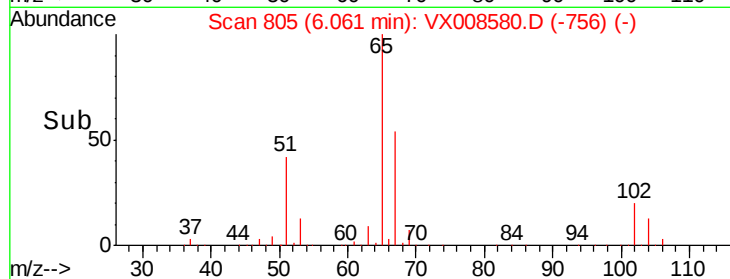
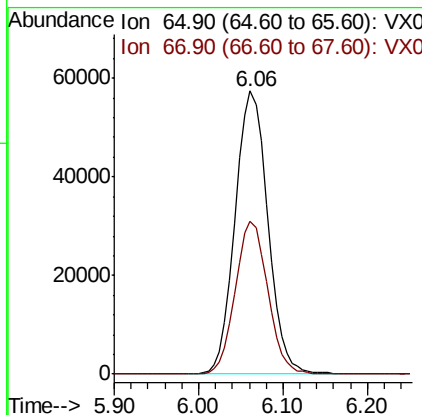
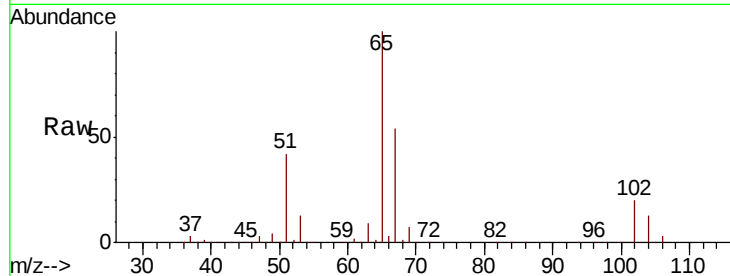




#33  
 1,2-Dichloroethane-d4  
 Concen: 46.545 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX008580.D  
 Acq: 01 Apr 2019 19:39

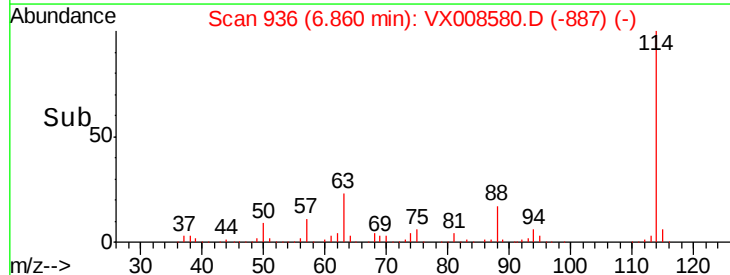
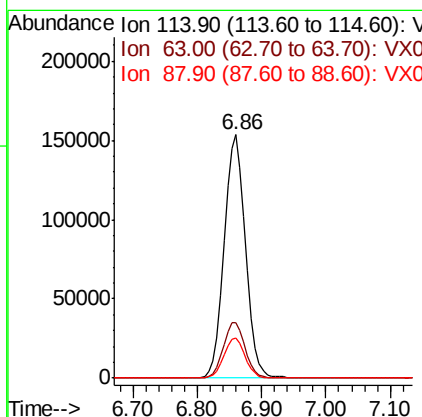
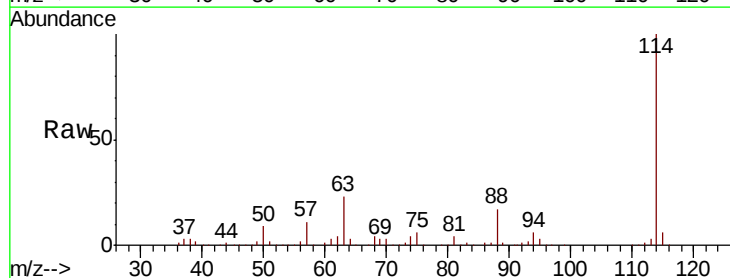
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WE-7

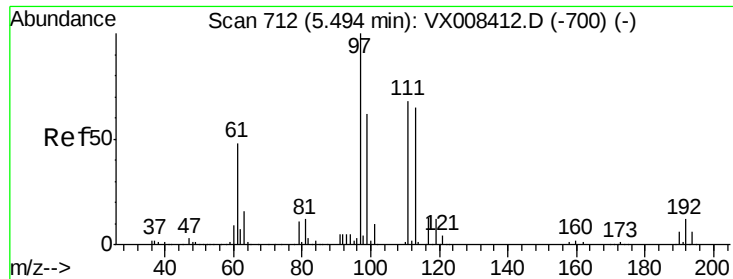
Tot Ion: 65 Resp: 150946  
 Ion Ratio Lower Upper  
 65 100  
 67 53.7 0.0 109.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX008580.D  
 Acq: 01 Apr 2019 19:39

Tgt Ion: 114 Resp: 359090  
 Ion Ratio Lower Upper  
 114 100  
 63 23.0 0.0 46.4  
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.312 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX008580.D

Acq: 01 Apr 2019 19:39

Instrument :

MSVOA\_X

ClientSampleId :

WE-7

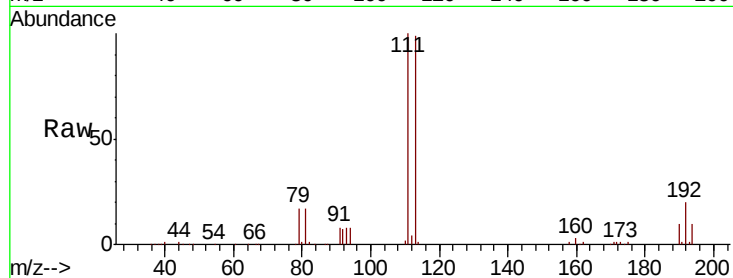
Tot Ion:113 Resp: 110779

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

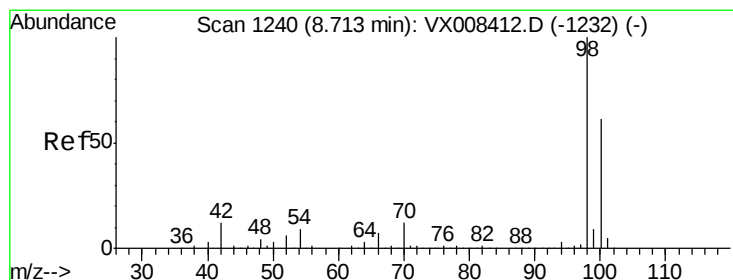
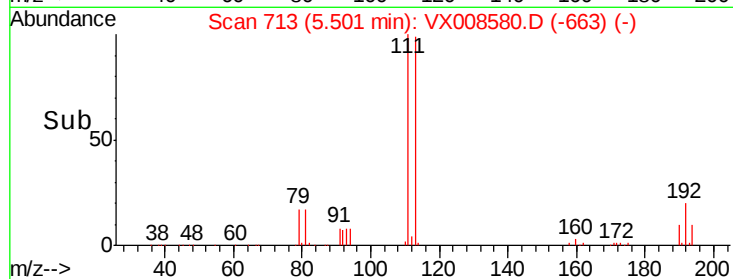
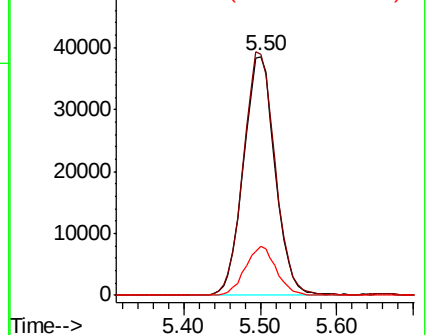
192 20.0 15.6 23.4



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: 47.538 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008580.D

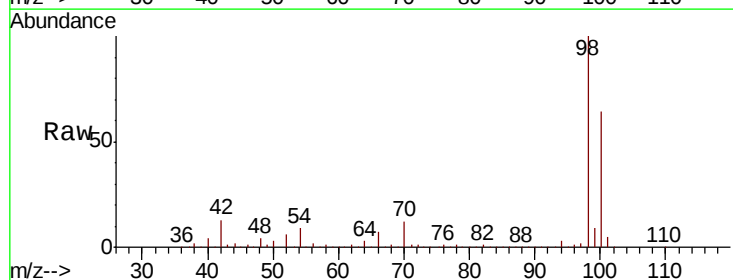
Acq: 01 Apr 2019 19:39

Tgt Ion: 98 Resp: 445069

Ion Ratio Lower Upper

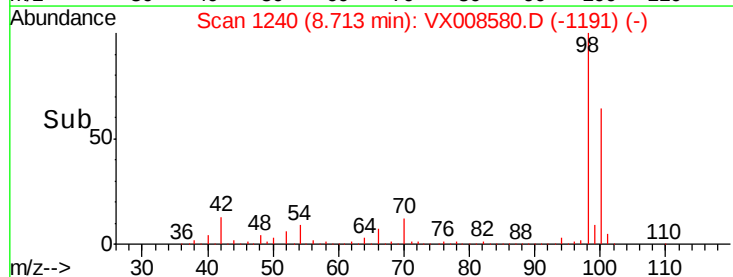
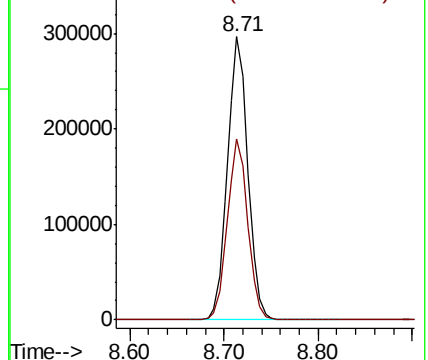
98 100

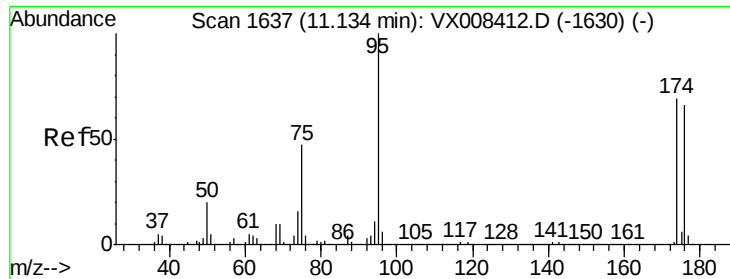
100 63.9 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.868 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008580.D

Acq: 01 Apr 2019 19:39

Instrument :

MSVOA\_X

ClientSampleId :

WE-7

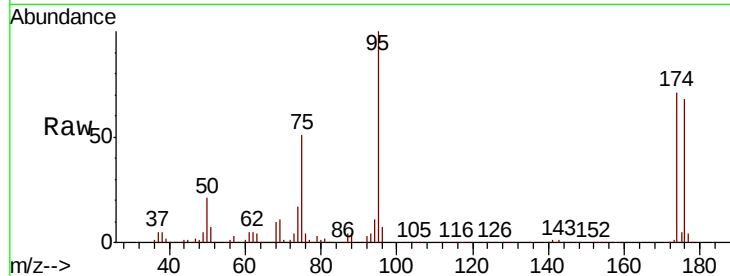
Tot Ion: 95 Resp: 145255

Ion Ratio Lower Upper

95 100

174 75.1 0.0 147.2

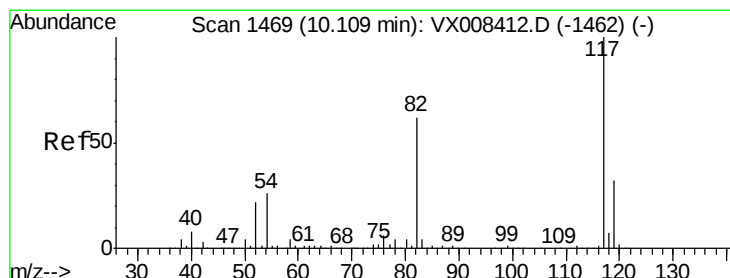
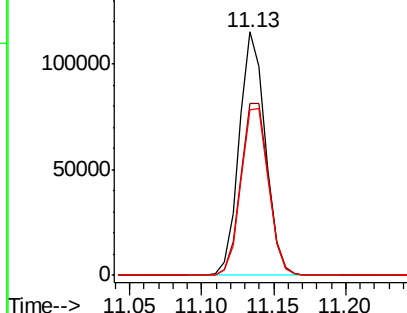
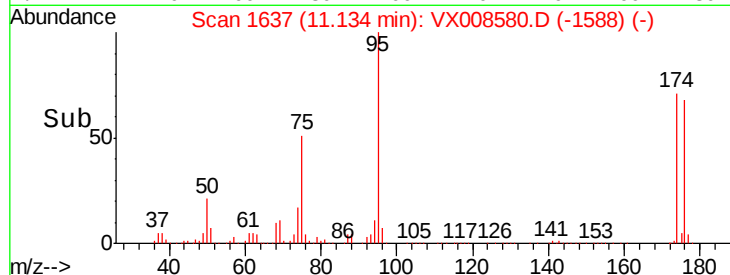
176 72.2 0.0 142.4



Abundance Ion 94.90 (94.60 to 95.60): VX008580.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX008580.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX008580.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008580.D

Acq: 01 Apr 2019 19:39

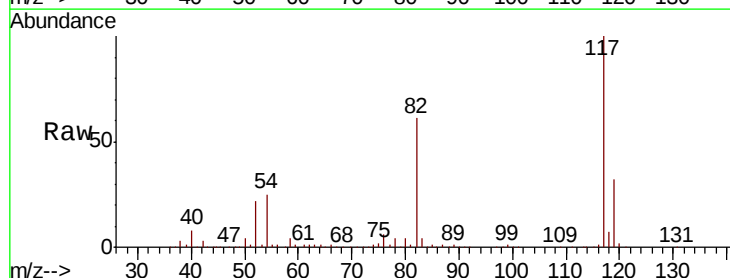
Tgt Ion: 117 Resp: 303063

Ion Ratio Lower Upper

117 100

82 61.4 49.4 74.2

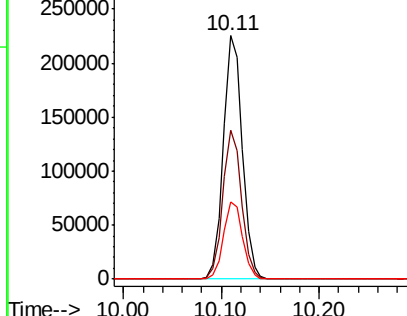
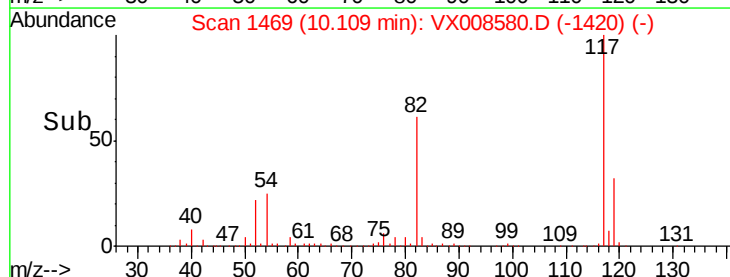
119 31.7 25.4 38.0

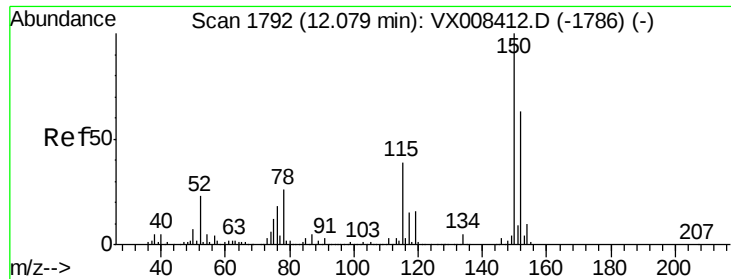


Abundance Ion 116.90 (116.60 to 117.60): VX008580.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX008580.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX008580.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008580.D

Acq: 01 Apr 2019 19:39

Instrument :

MSVOA\_X

ClientSampleId :

WE-7

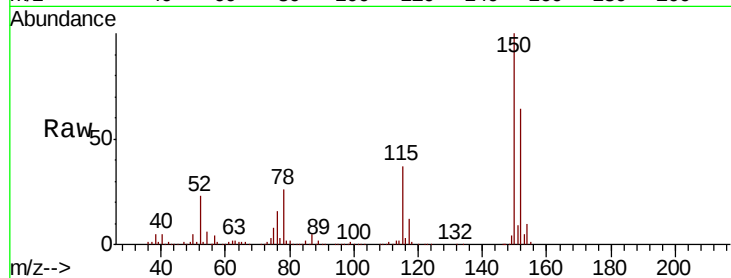
Tot Ion:152 Resp: 119080

Ion Ratio Lower Upper

152 100

115 60.3 43.5 130.5

150 156.6 0.0 348.8



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

