

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042419\  
 Data File : VX009147.D  
 Acq On : 24 Apr 2019 17:38  
 Operator : JC/SP  
 Sample : K2555-01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TRIP-BLANK

Quant Time: Apr 25 07:14:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X041519W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 17 06:47:58 2019  
 Response via : Initial Calibration

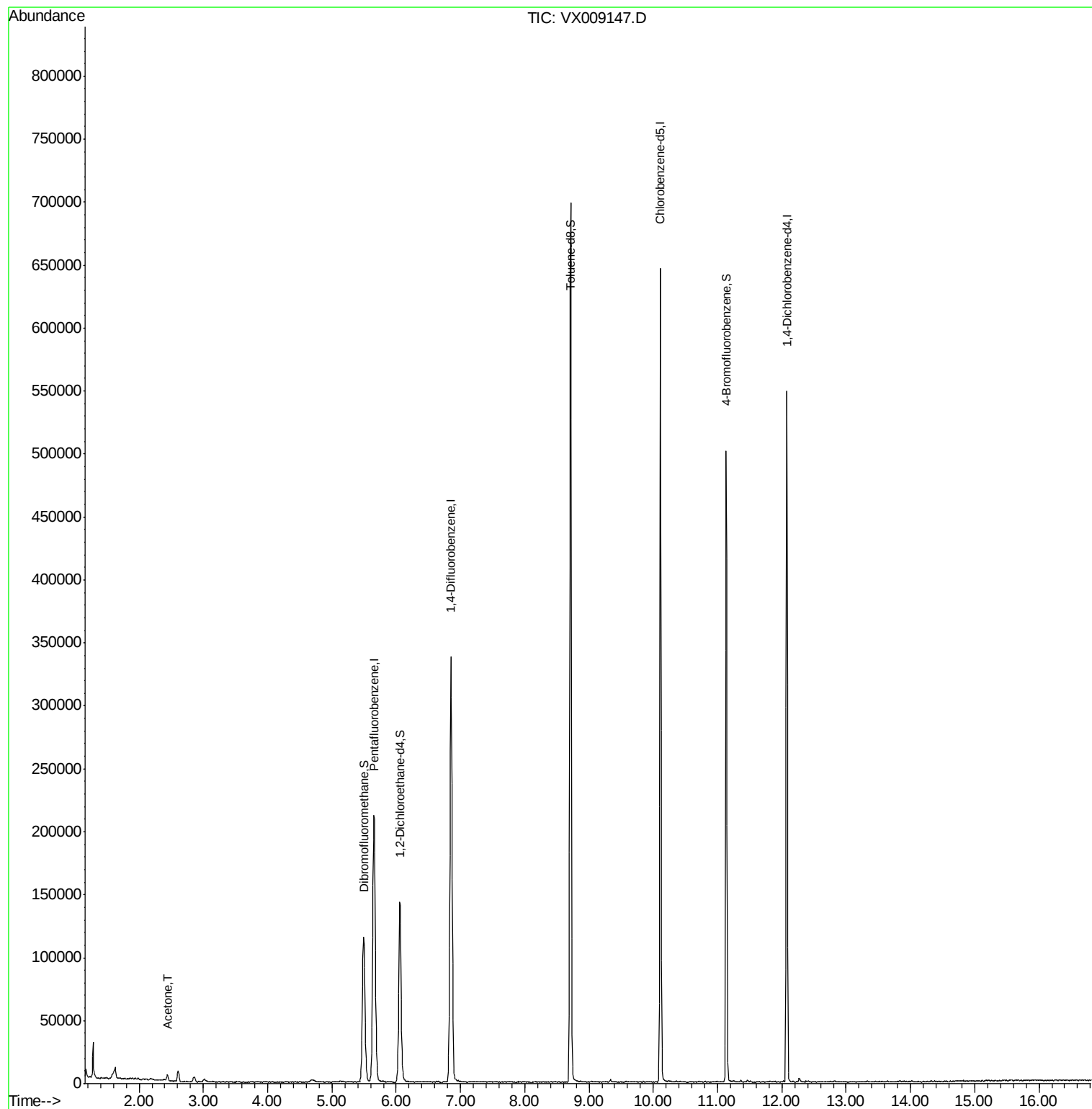
| Internal Standards          | R.T.   | QIon | Response | Conc  | Units  | Dev(Min)  |
|-----------------------------|--------|------|----------|-------|--------|-----------|
| 1) Pentafluorobenzene       | 5.65   | 168  | 204941   | 50.00 | ug/l   | -0.01     |
| 34) 1,4-Difluorobenzene     | 6.85   | 114  | 330714   | 50.00 | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 10.11  | 117  | 278982   | 50.00 | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.08  | 152  | 112994   | 50.00 | ug/l   | 0.00      |
| System Monitoring Compounds |        |      |          |       |        |           |
| 33) 1,2-Dichloroethane-d4   | 6.06   | 65   | 136444   | 47.24 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 94.48% |           |
| 35) Dibromofluoromethane    | 5.49   | 113  | 101081   | 47.62 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 95.24% |           |
| 50) Toluene-d8              | 8.71   | 98   | 406381   | 48.01 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 96.02% |           |
| 62) 4-Bromofluorobenzene    | 11.13  | 95   | 129046   | 43.19 | ug/l   | 0.00      |
| Spiked Amount               | 50.000 |      | Recovery | =     | 86.38% |           |
| Target Compounds            |        |      |          |       |        |           |
| 16) Acetone                 | 2.44   | 43   | 4867     | 3.250 | ug/l   | Qvalue 94 |

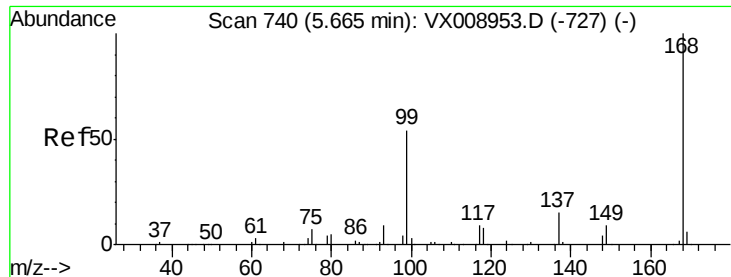
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX009147.D

Acq: 24 Apr 2019 17:38

Instrument :

MSVOA\_X

ClientSampleId :

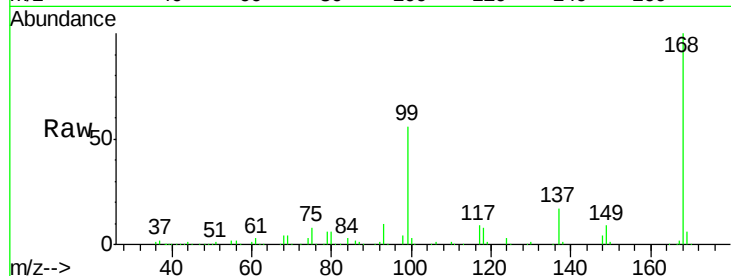
TRIP-BLANK

Tot Ion:168 Resp: 204941

Ion Ratio Lower Upper

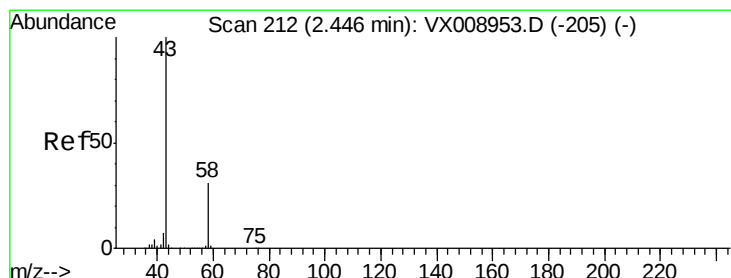
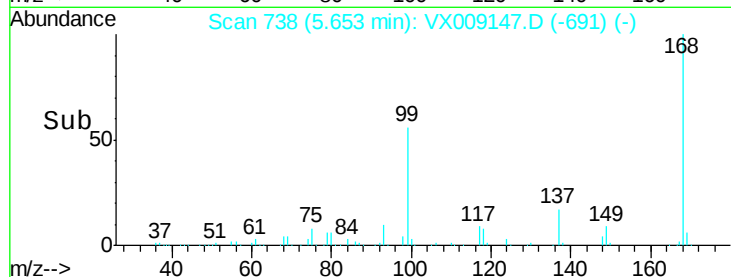
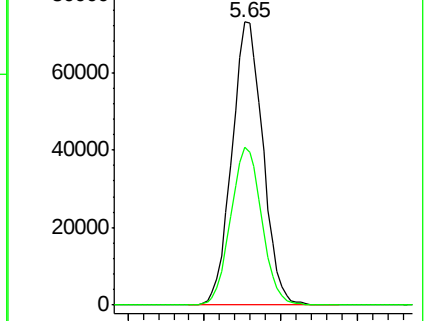
168 100

99 55.9 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.250 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009147.D

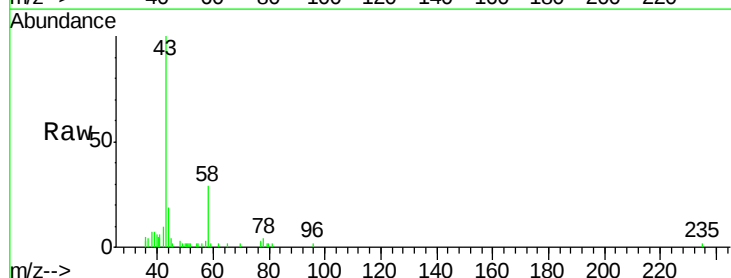
Acq: 24 Apr 2019 17:38

Tgt Ion: 43 Resp: 4867

Ion Ratio Lower Upper

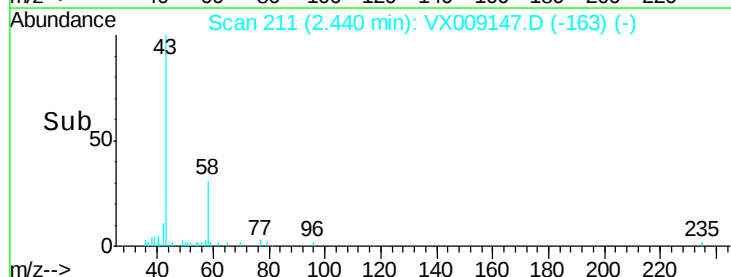
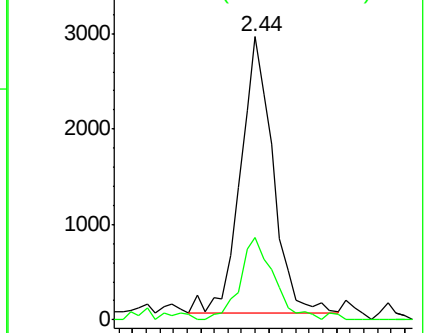
43 100

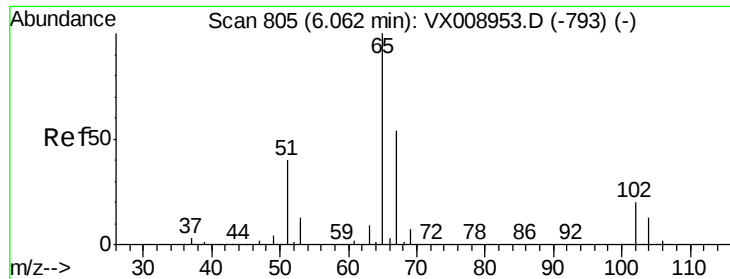
58 27.9 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

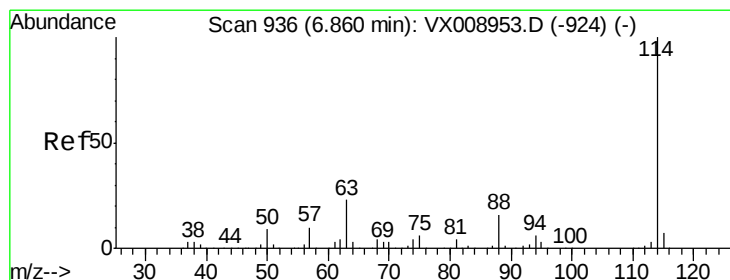
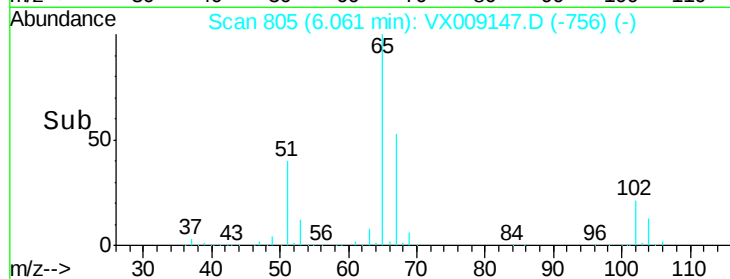
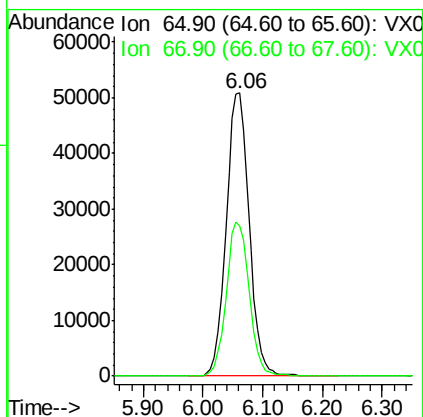
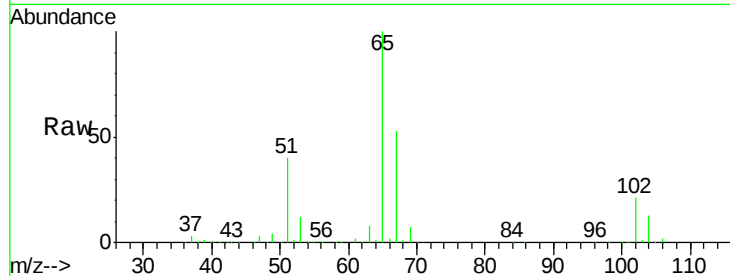




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.242 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX009147.D  
 Acq: 24 Apr 2019 17:38

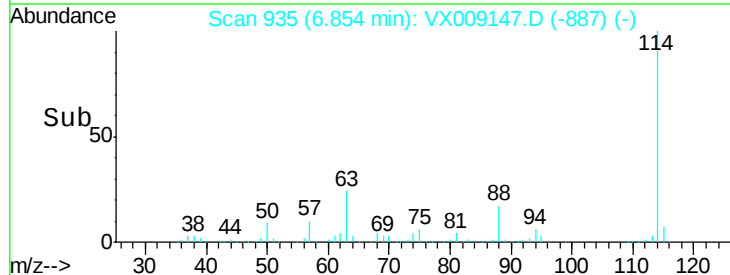
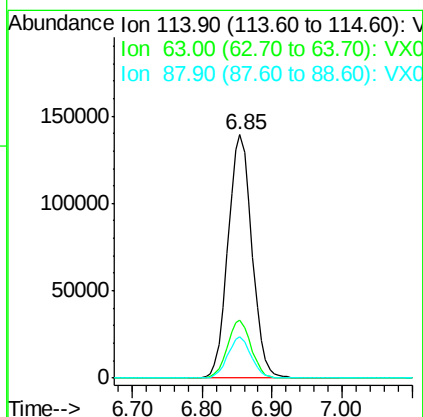
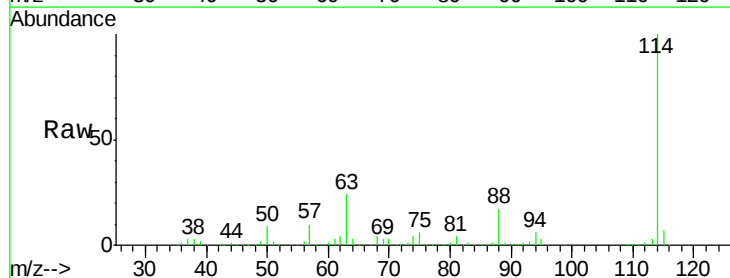
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TRIP-BLANK

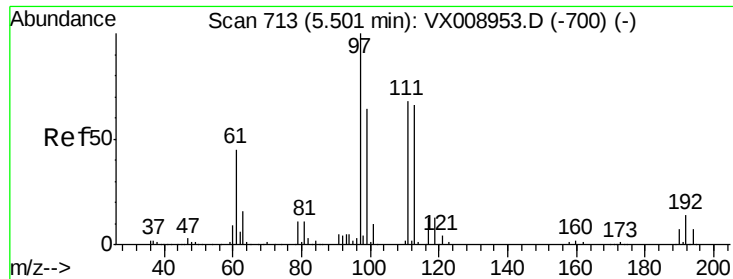
Tot Ion: 65 Resp: 136444  
 Ion Ratio Lower Upper  
 65 100  
 67 54.4 0.0 108.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 935  
 Delta R.T. -0.01 min  
 Lab File: VX009147.D  
 Acq: 24 Apr 2019 17:38

Tgt Ion: 114 Resp: 330714  
 Ion Ratio Lower Upper  
 114 100  
 63 23.8 0.0 46.0  
 88 17.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.625 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009147.D

Acq: 24 Apr 2019 17:38

Instrument :

MSVOA\_X

ClientSampleId :

TRIP-BLANK

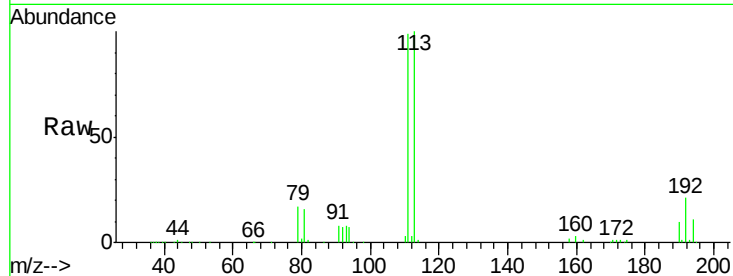
Tot Ion:113 Resp: 101081

Ion Ratio Lower Upper

113 100

111 101.3 82.9 124.3

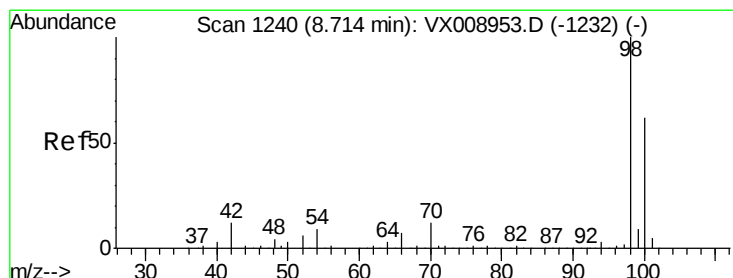
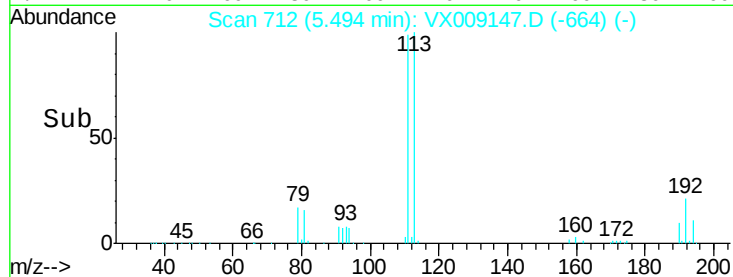
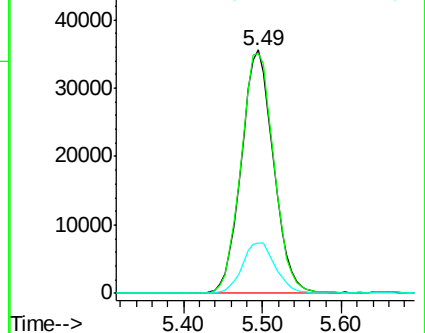
192 21.5 17.4 26.0



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: 48.010 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009147.D

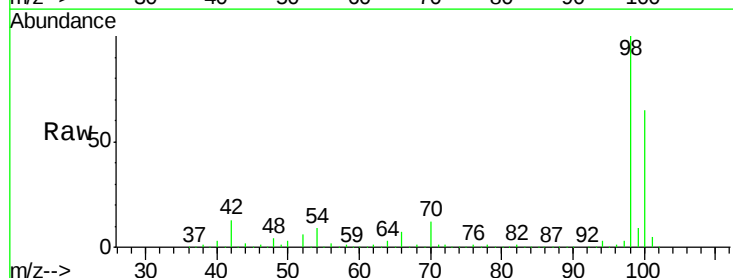
Acq: 24 Apr 2019 17:38

Tgt Ion: 98 Resp: 406381

Ion Ratio Lower Upper

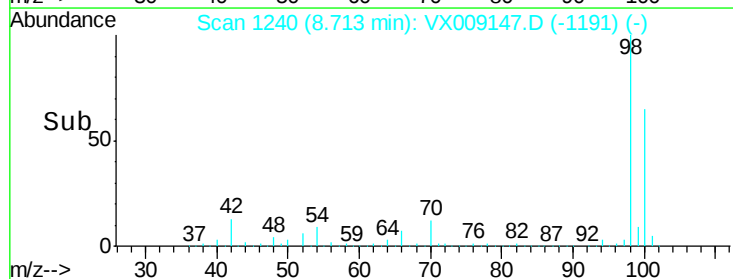
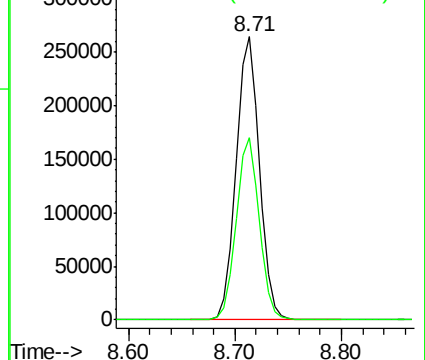
98 100

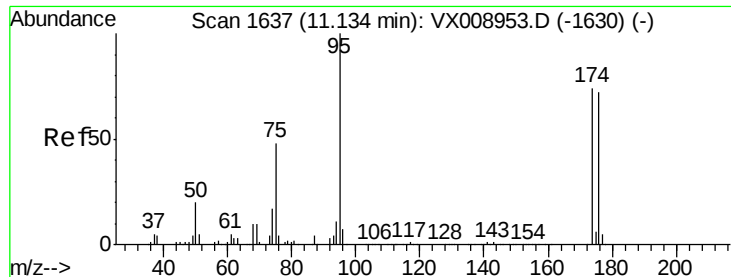
100 63.9 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.189 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009147.D

Acq: 24 Apr 2019 17:38

Instrument :

MSVOA\_X

ClientSampled :

TRIP-BLANK

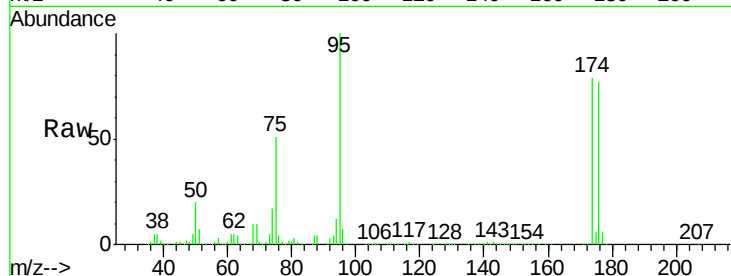
Tot Ion: 95 Resp: 129046

Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.6

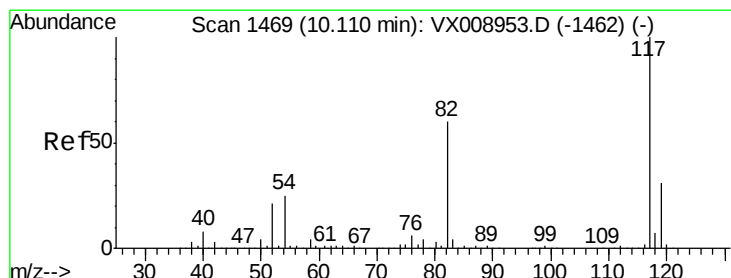
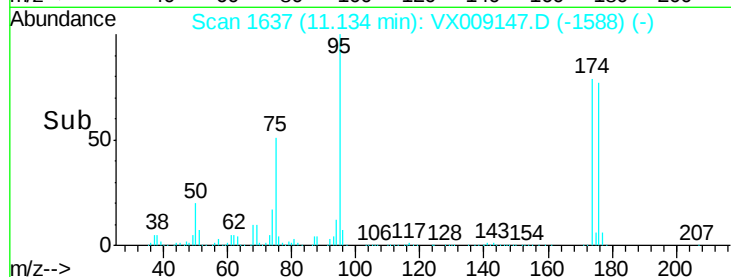
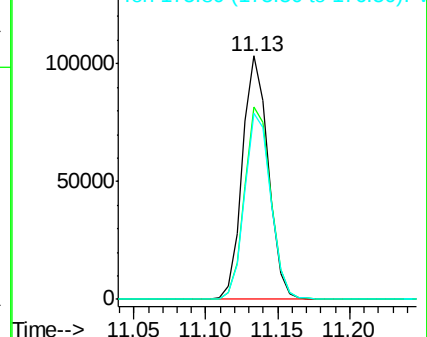
176 77.6 0.0 154.8



Abundance Ion 94.90 (94.60 to 95.60): VX008953.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX008953.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX008953.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009147.D

Acq: 24 Apr 2019 17:38

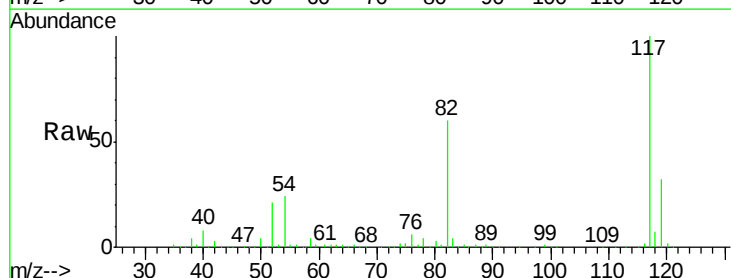
Tgt Ion: 117 Resp: 278982

Ion Ratio Lower Upper

117 100

82 60.2 48.2 72.4

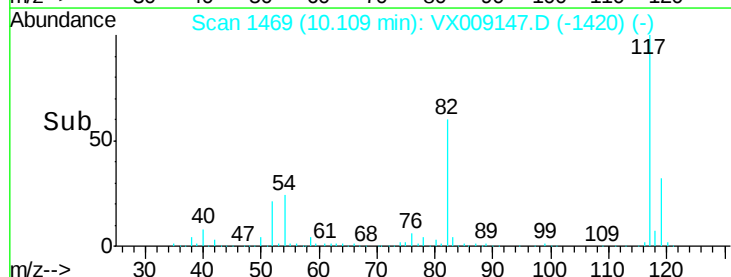
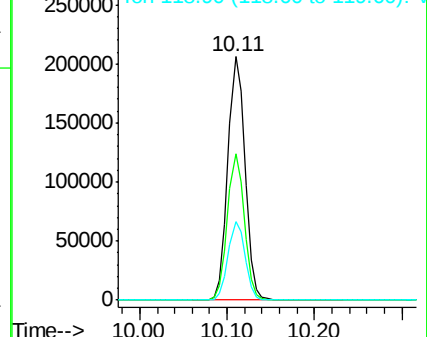
119 32.3 25.0 37.6

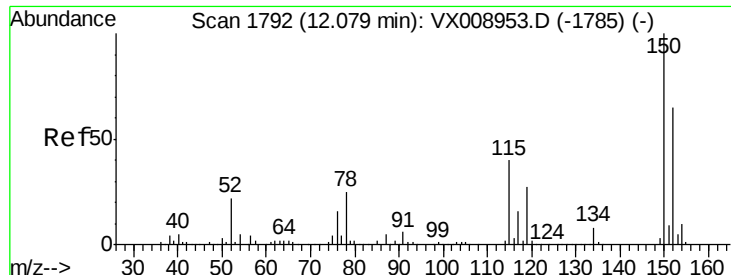


Abundance Ion 116.90 (116.60 to 117.60): VX008953.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX008953.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX008953.D (-1462) (-)

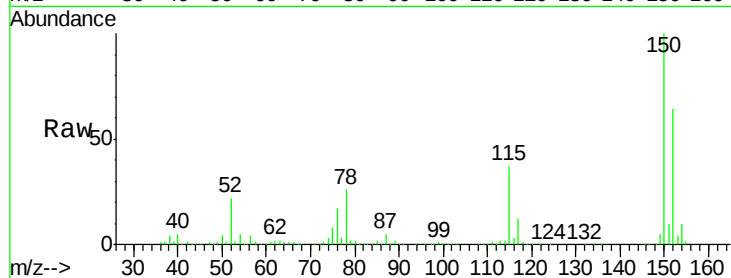




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX009147.D  
 Acq: 24 Apr 2019 17:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TRIP-BLANK

Tot Ion:152 Resp: 112994  
 Ion Ratio Lower Upper  
 152 100  
 115 59.2 41.4 124.2  
 150 156.0 0.0 349.8



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

