

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\  
 Data File : VX007097.D  
 Acq On : 17 Jan 2019 18:56  
 Operator : JC/SP  
 Sample : K1157-16  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WC-01-011519

Quant Time: Jan 18 06:51:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

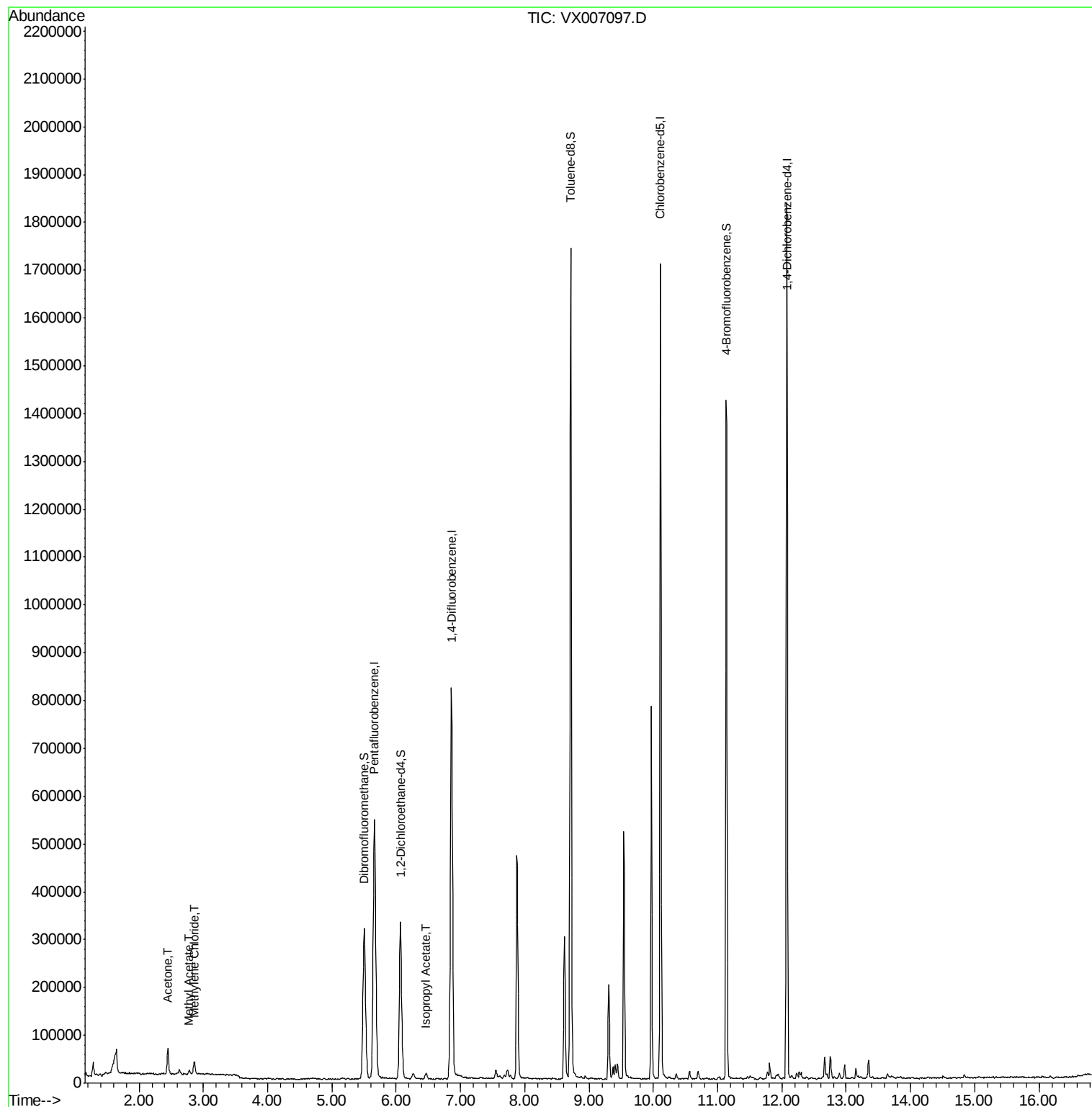
| Internal Standards          | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 1) Pentafluorobenzene       | 5.67  | 168  | 567920   | 50.00  | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.86  | 114  | 872223   | 50.00  | ug/l    | 0.00     |
| 63) Chlorobenzene-d5        | 10.11 | 117  | 819043   | 50.00  | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.08 | 152  | 391069   | 50.00  | ug/l    | 0.00     |
| System Monitoring Compounds |       |      |          |        |         |          |
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 301861   | 50.86  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 101.72% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 262268   | 46.95  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 93.90%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 1058249  | 51.76  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.52% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 367523   | 51.56  | ug/l    | 0.00     |
| Spiked Amount 50.000        |       |      | Recovery | =      | 103.12% |          |
| Target Compounds            |       |      |          |        |         |          |
| 16) Acetone                 | 2.45  | 43   | 60646    | 20.669 | ug/l    | 98       |
| 18) Methyl Acetate          | 2.78  | 43   | 10468    | 1.232  | ug/l    | 96       |
| 20) Methylene Chloride      | 2.85  | 84   | 13218    | 1.823  | ug/l    | 99       |
| 43) Isopropyl Acetate       | 6.46  | 43   | 14524    | 1.133  | ug/l #  | 91       |

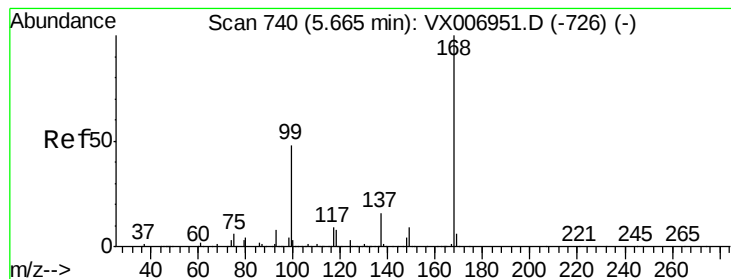
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011719\  
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WC-01-011519

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 14:06:59 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007097.D

Acq: 17 Jan 2019 18:56

Instrument :

MSVOA\_X

ClientSampleId :

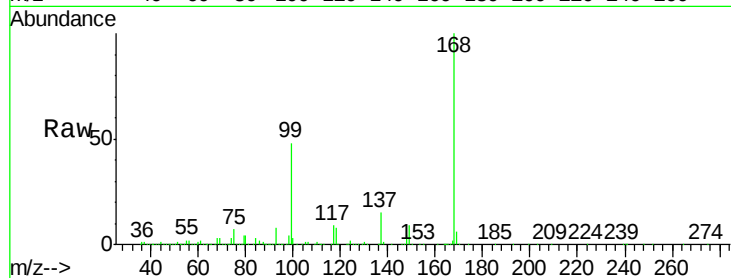
WC-01-011519

Tot Ion:168 Resp: 567920

Ion Ratio Lower Upper

168 100

99 48.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

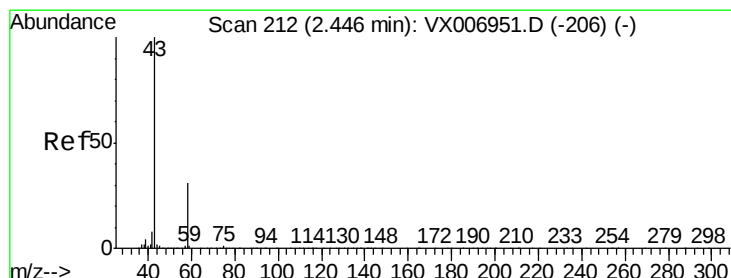
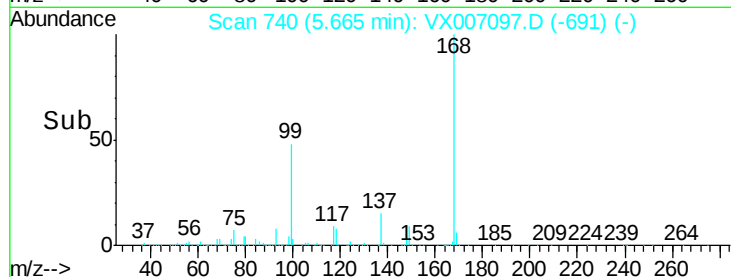
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 20.669 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007097.D

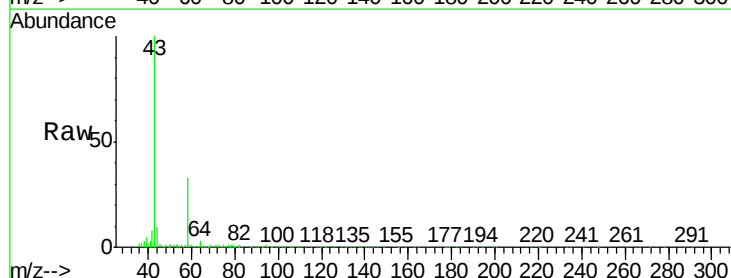
Acq: 17 Jan 2019 18:56

Tgt Ion: 43 Resp: 60646

Ion Ratio Lower Upper

43 100

58 32.4 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

40000

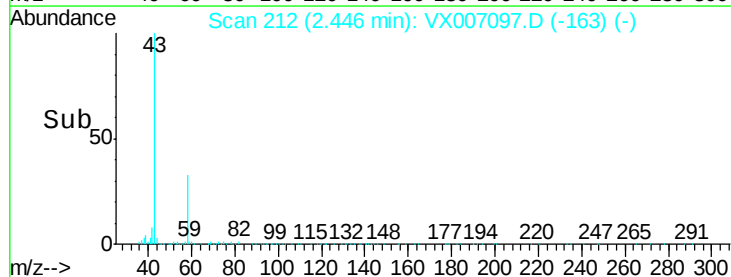
30000

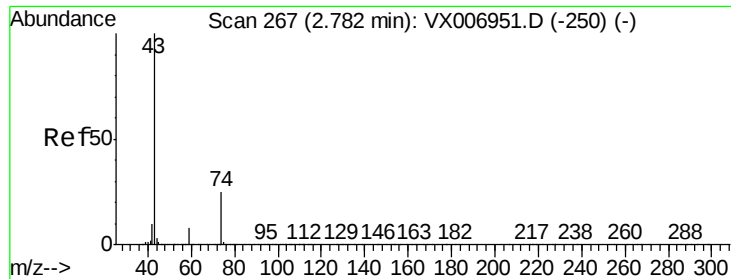
20000

10000

0

Time--> 2.40 2.50

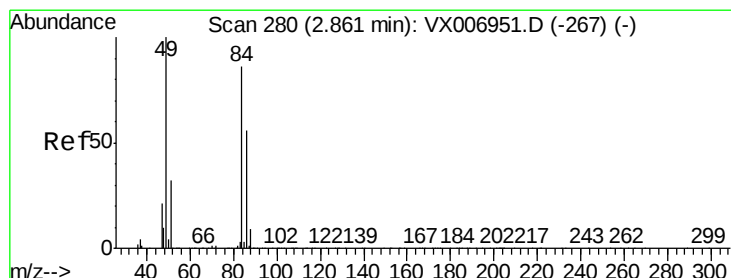
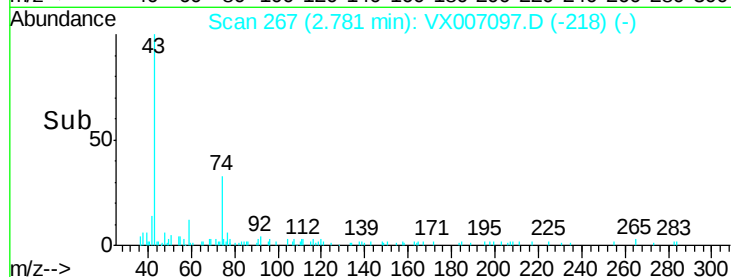
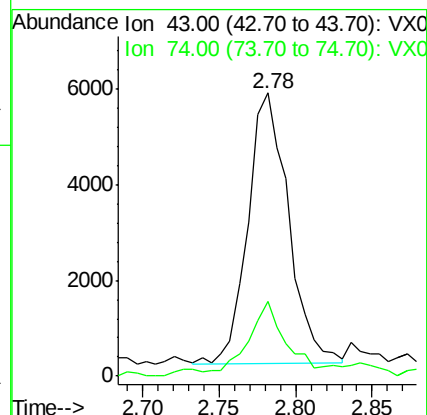
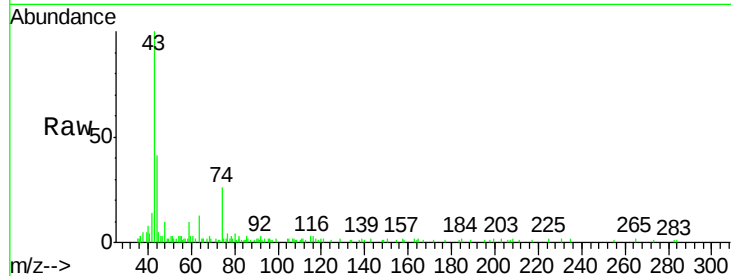




#18  
Methyl Acetate  
Concen: 1.232 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. -0.00 min  
Lab File: VX007097.D  
Acq: 17 Jan 2019 18:56

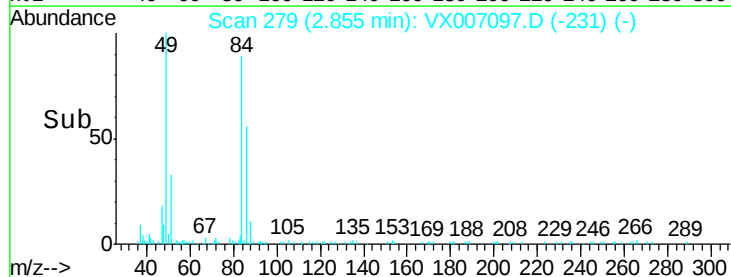
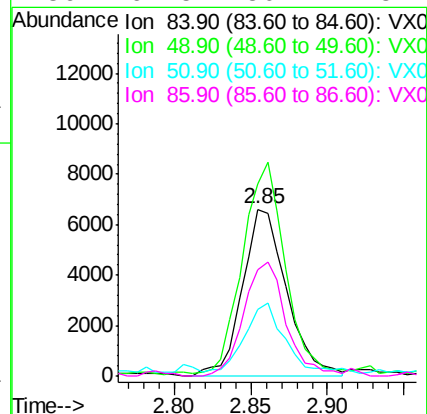
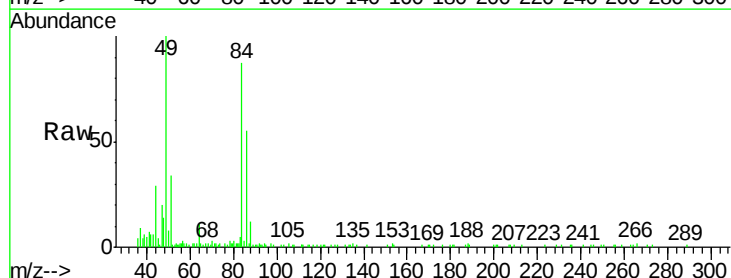
Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-01-011519

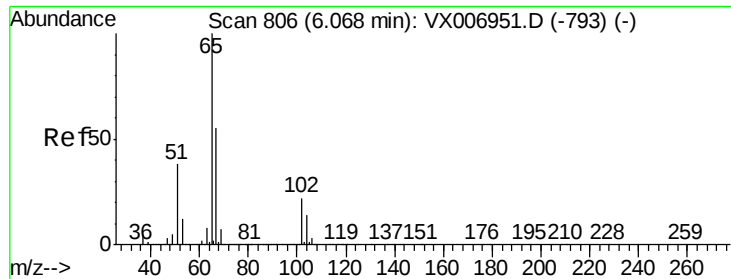
Tot Ion: 43 Resp: 10468  
Ion Ratio Lower Upper  
43 100  
74 21.5 18.6 28.0



#20  
Methylene Chloride  
Concen: 1.823 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX007097.D  
Acq: 17 Jan 2019 18:56

Tgt Ion: 84 Resp: 13218  
Ion Ratio Lower Upper  
84 100  
49 113.8 91.8 137.6  
51 35.1 28.5 42.7  
86 61.5 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 50.859 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007097.D

Acq: 17 Jan 2019 18:56

Instrument :

MSVOA\_X

ClientSampled :

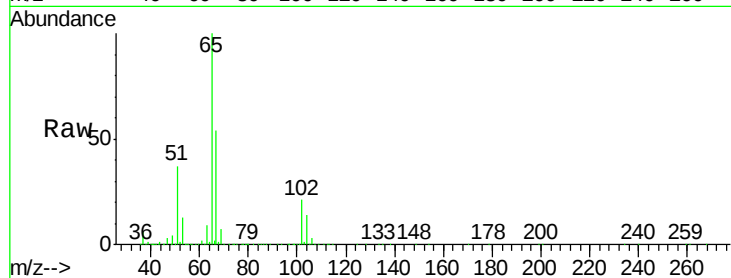
WC-01-011519

Tot Ion: 65 Resp: 301861

Ion Ratio Lower Upper

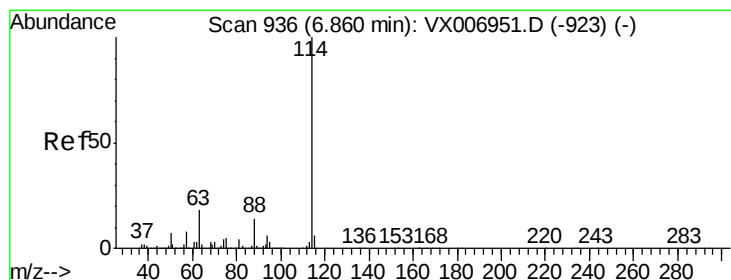
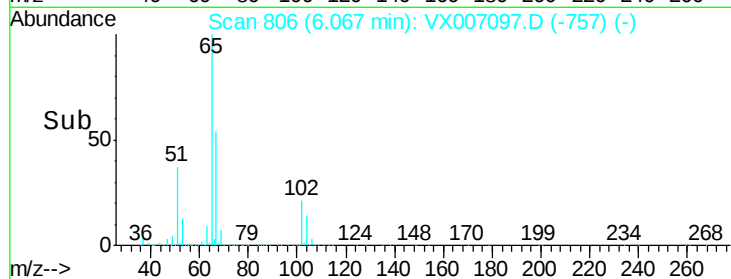
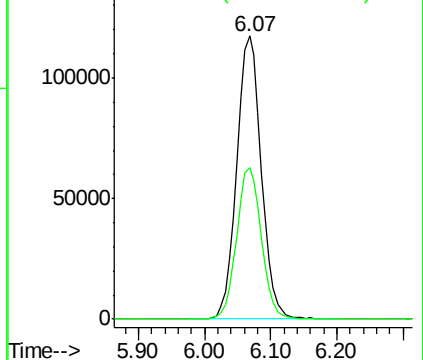
65 100

67 53.8 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007097.D

Acq: 17 Jan 2019 18:56

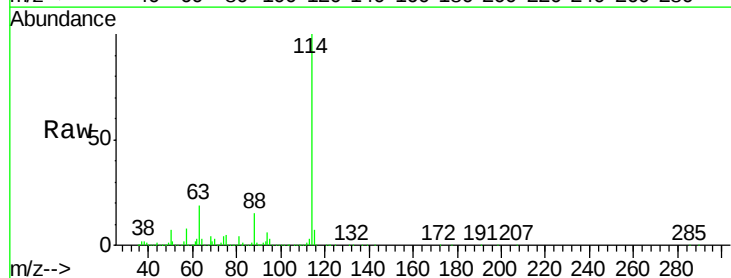
Tgt Ion: 114 Resp: 872223

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.8

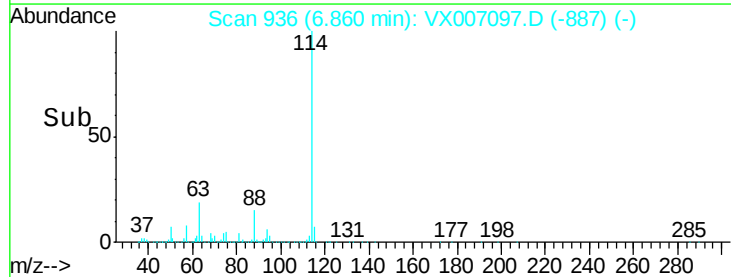
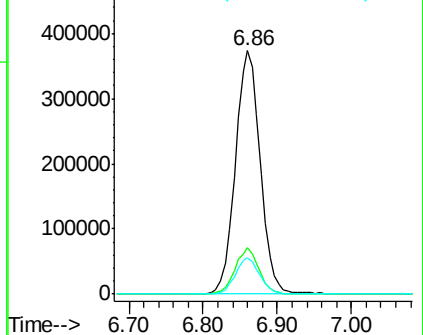
88 14.7 0.0 28.8

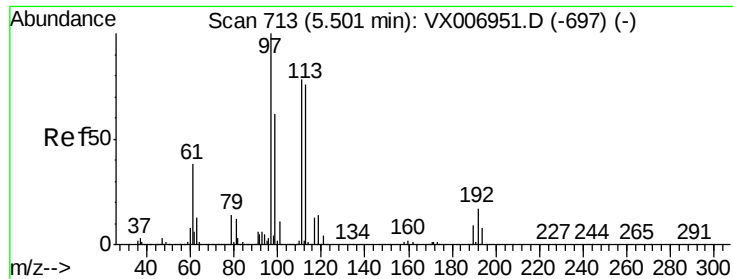


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.954 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007097.D

Acq: 17 Jan 2019 18:56

Instrument :

MSVOA\_X

ClientSampled :

WC-01-011519

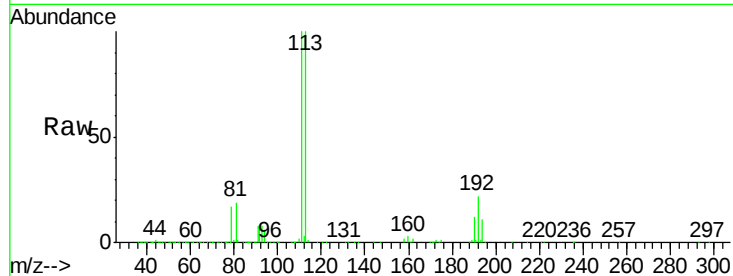
Tot Ion:113 Resp: 262268

Ion Ratio Lower Upper

113 100

111 103.5 81.6 122.4

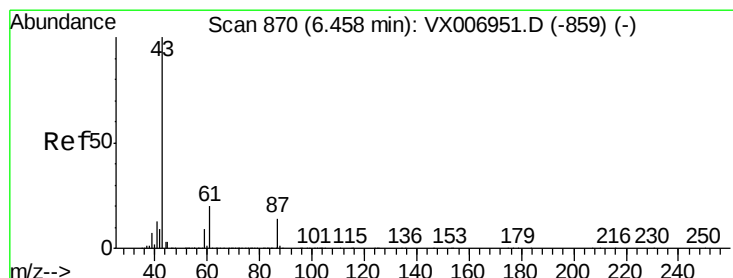
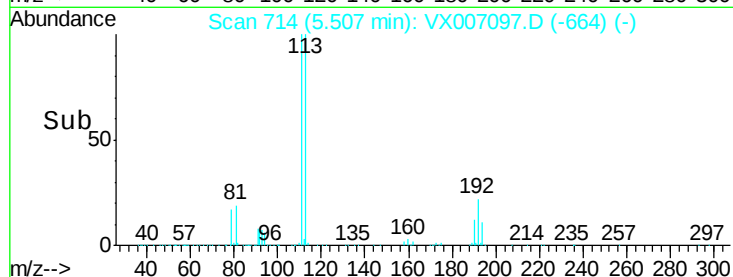
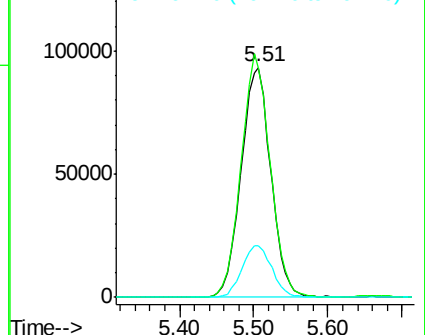
192 22.6 16.7 25.1



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



#43

Isopropyl Acetate

Concen: 1.133 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX007097.D

Acq: 17 Jan 2019 18:56

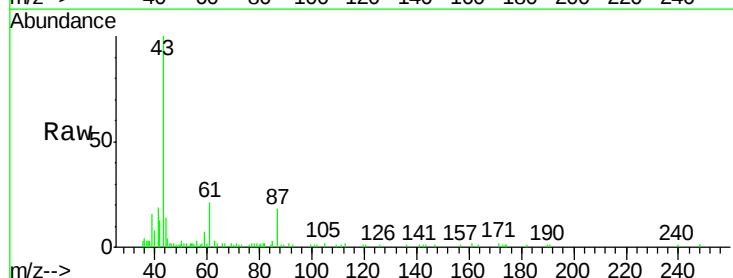
Tgt Ion: 43 Resp: 14524

Ion Ratio Lower Upper

43 100

61 25.7 16.8 25.2#

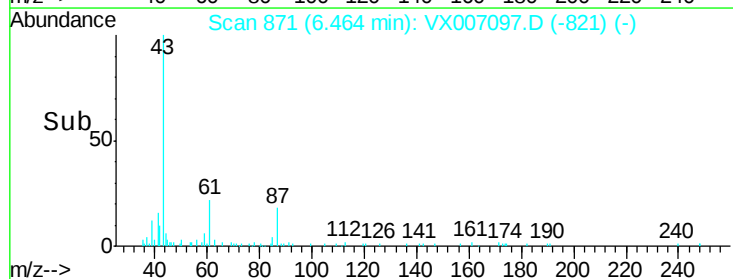
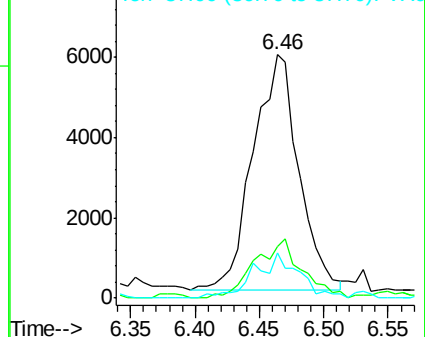
87 18.7 12.4 18.6#

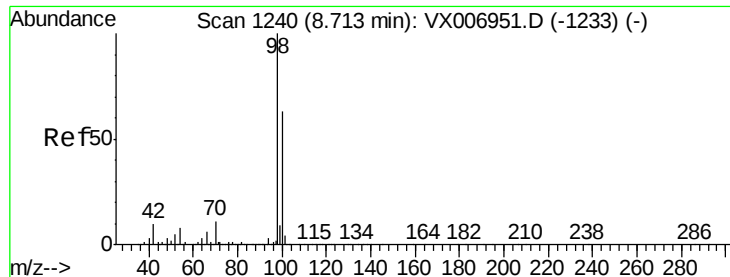


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 51.760 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007097.D

Acq: 17 Jan 2019 18:56

Instrument :

MSVOA\_X

ClientSampleId :

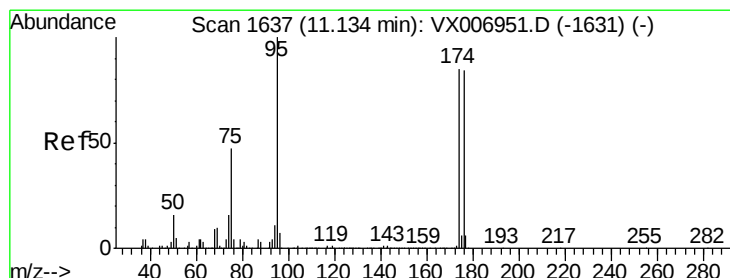
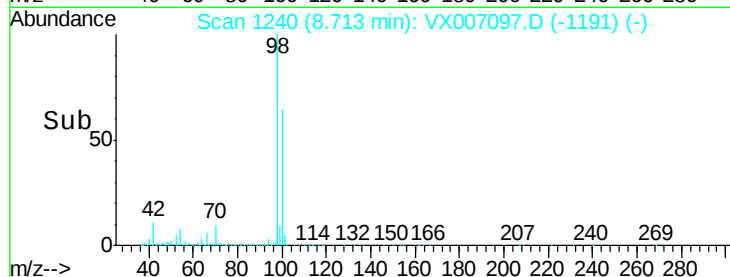
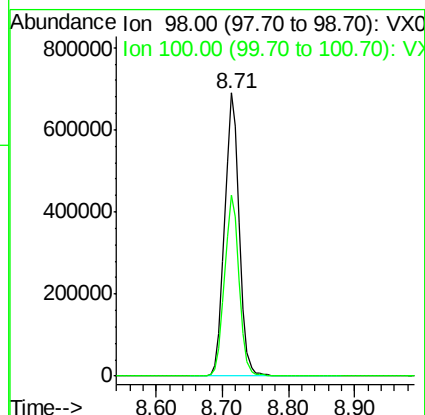
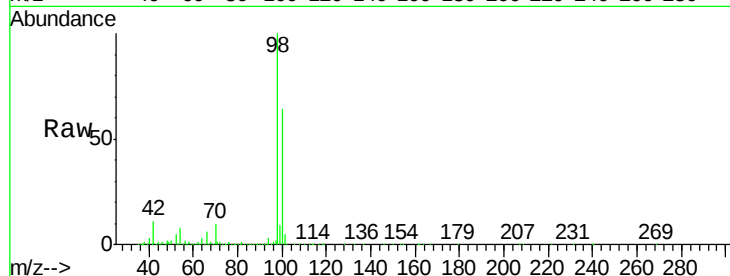
WC-01-011519

Tot Ion: 98 Resp: 1058249

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.563 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007097.D

Acq: 17 Jan 2019 18:56

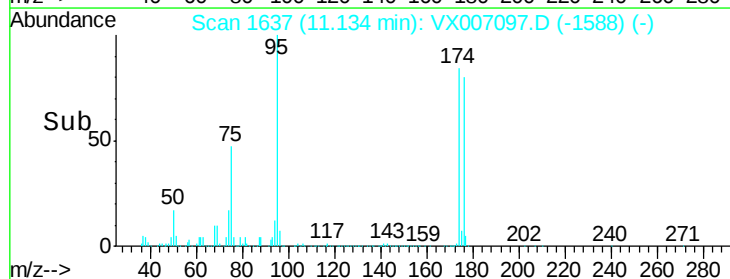
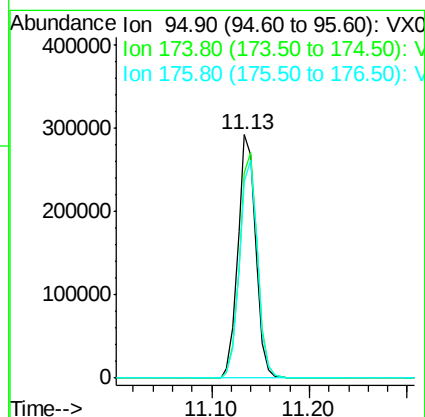
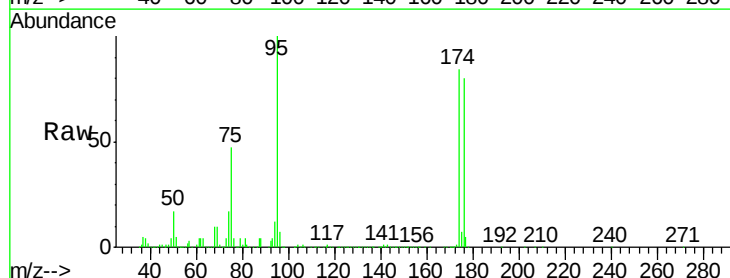
Tgt Ion: 95 Resp: 367523

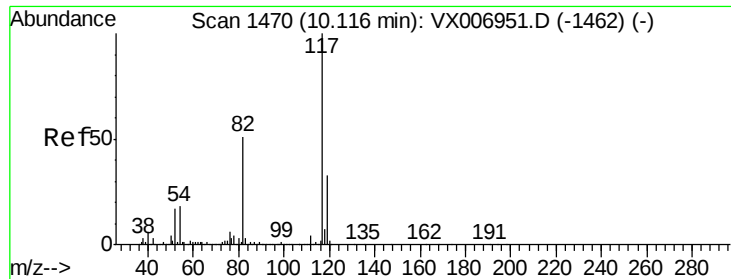
Ion Ratio Lower Upper

95 100

174 93.5 0.0 182.2

176 90.8 0.0 178.8

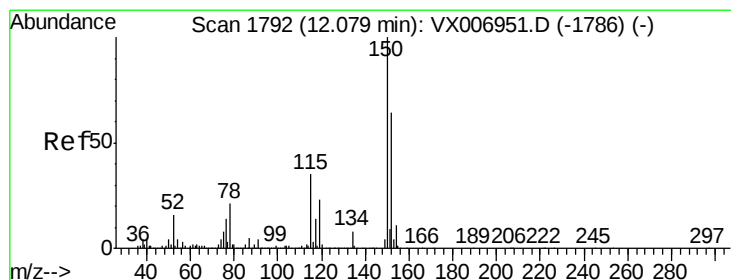
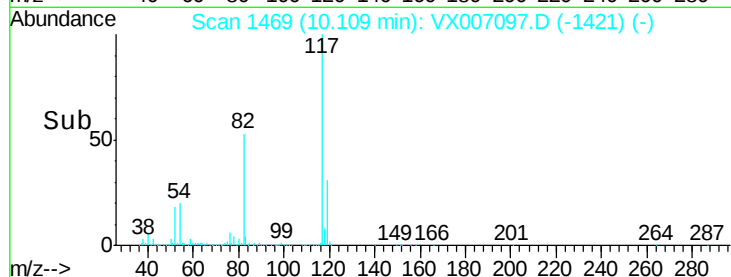
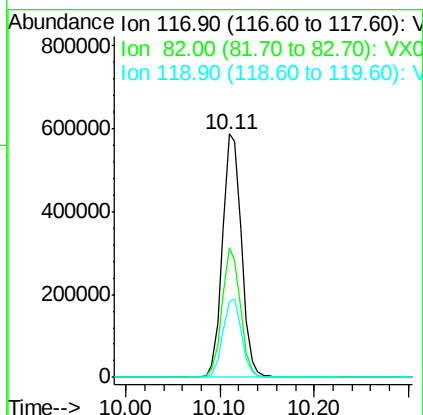
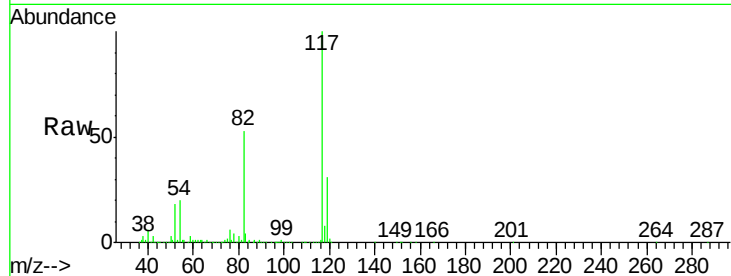




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: VX007097.D  
Acq: 17 Jan 2019 18:56

Instrument :  
MSVOA\_X  
ClientSampleId :  
WC-01-011519

Tot Ion:117 Resp: 819043  
Ion Ratio Lower Upper  
117 100  
82 53.3 41.0 61.6  
119 31.3 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX007097.D  
Acq: 17 Jan 2019 18:56

Tgt Ion:152 Resp: 391069  
Ion Ratio Lower Upper  
152 100  
115 54.6 39.1 117.2  
150 155.9 0.0 344.8

