

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO093020\  
 Data File : VX018724.D  
 Acq On : 01 Oct 2020 02:05  
 Operator : JC/SP  
 Sample : L4202-05  
 Misc : 25.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BFSB8

Quant Time: Oct 01 06:44:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Oct 01 01:06:26 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.83  | 114  | 223455   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 10.10 | 117  | 210978   | 5.00 | ug/L  | 0.00     |
| 61) 1,4-Dichlorobenzene-d4 | 12.06 | 152  | 99265    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39   | 65    | 38195    | 3.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 65.40%  |
| 7) Chloroethane-d5             | 1.70   | 69    | 40056    | 4.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 81.20%  |
| 11) 1,1-Dichloroethene-d2      | 2.34   | 63    | 77685    | 3.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.20%  |
| 20) 2-Butanone-d5              | 4.54   | 46    | 165261   | 55.43    | ug/L | -0.02   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 110.86% |
| 24) Chloroform-d               | 5.14   | 84    | 128903   | 4.65     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00%  |
| 26) 1,2-Dichloroethane-d4      | 6.03   | 65    | 73000    | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.40%  |
| 32) Benzene-d6                 | 6.05   | 84    | 215756   | 4.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 88.60%  |
| 36) 1,2-Dichloropropane-d6     | 7.37   | 67    | 71790    | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 96.80%  |
| 41) Toluene-d8                 | 8.70   | 98    | 187810   | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 77.60%  |
| 45) trans-1,3-Dichloropropene- | 8.99   | 79    | 27852    | 4.22     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.40%  |
| 48) 2-Hexanone-d5              | 9.43   | 63    | 125521   | 53.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.22% |
| 59) 1,1,2,2-Tetrachloroethane- | 11.23  | 84    | 55129    | 4.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.80%  |
| 65) 1,2-Dichlorobenzene-d4     | 12.36  | 152   | 76401    | 4.71     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 94.20%  |

## Target Compounds

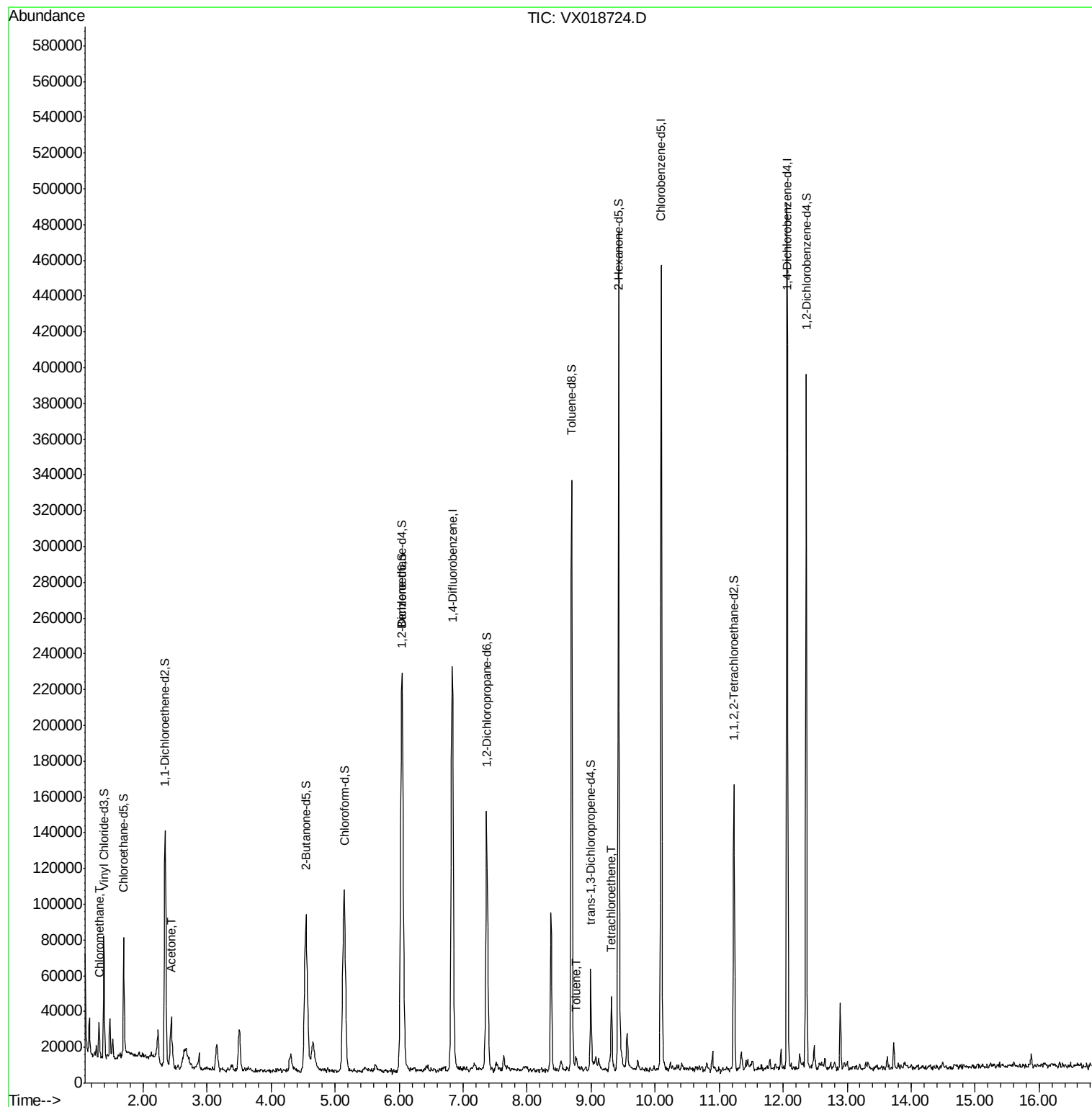
|                       |      |     |       |        | Ovalue  |
|-----------------------|------|-----|-------|--------|---------|
| 3) Chloromethane      | 1.31 | 50  | 12044 | 1.043  | ug/L 91 |
| 13) Acetone           | 2.44 | 43  | 40534 | 24.561 | ug/L 97 |
| 42) Toluene           | 8.76 | 91  | 3976  | 0.090  | ug/L 85 |
| 49) Tetrachloroethene | 9.32 | 164 | 7020  | 0.758  | ug/L 84 |

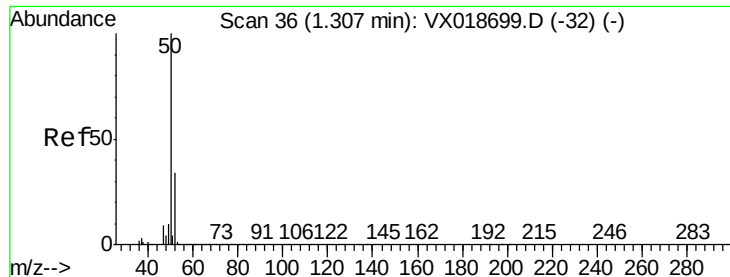
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093020\  
Data File : VX018724.D  
Acq On : 01 Oct 2020 02:05  
Operator : JC/SP  
Sample : L4202-05  
Misc : 25.0mL/MSVOA X/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BFSB8

Quant Time: Oct 01 06:44:32 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\SOMXTR092820WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Oct 01 01:06:26 2020  
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.043 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.01 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

Instrument :

MSVOA\_X

ClientSampleId :

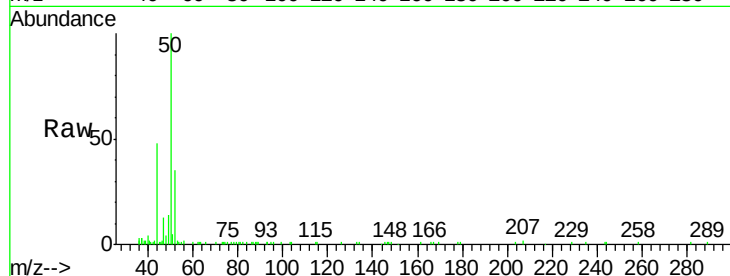
BFSB8

Tot Ion: 50 Resp: 12044

Ion Ratio Lower Upper

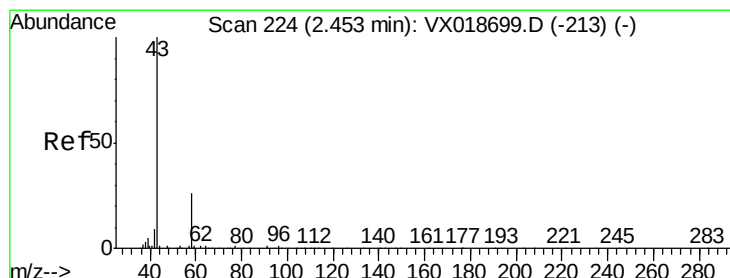
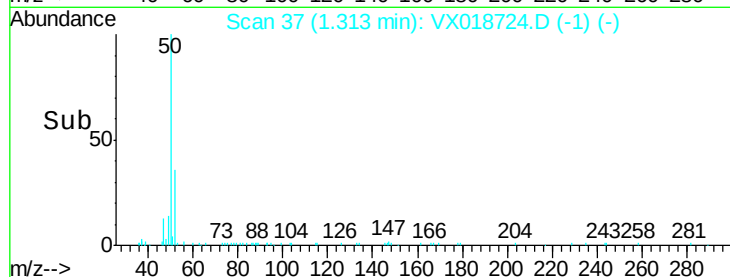
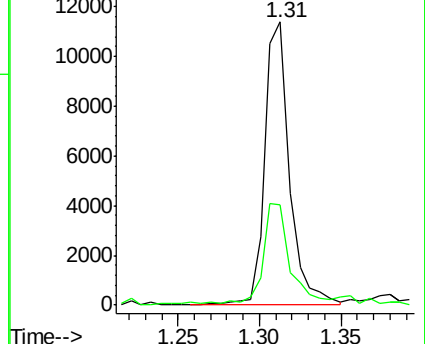
50 100

52 35.4 21.2 39.4



Abundance Ion 50.05 (49.75 to 50.75): VX0

Ion 52.05 (51.75 to 52.75): VX0



#13

Acetone

Concen: 24.561 ug/L

RT: 2.44 min Scan# 222

Delta R.T. -0.02 min

Lab File: VX018724.D

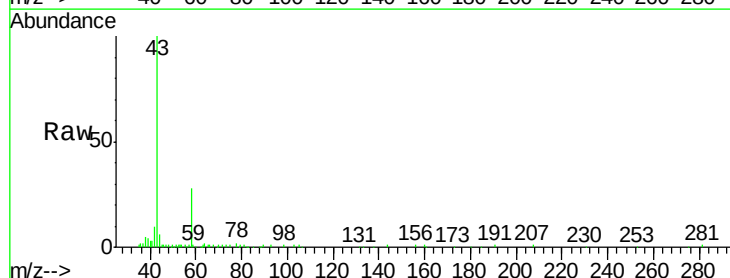
Acq: 01 Oct 2020 02:05

Tgt Ion: 43 Resp: 40534

Ion Ratio Lower Upper

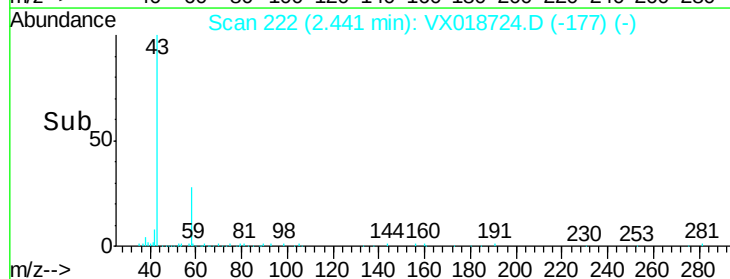
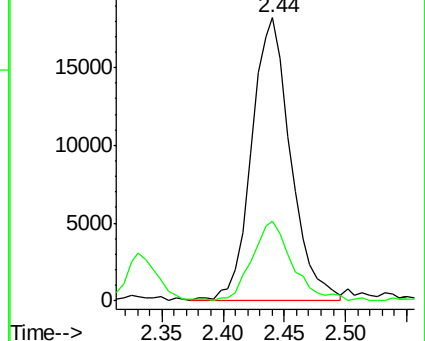
43 100

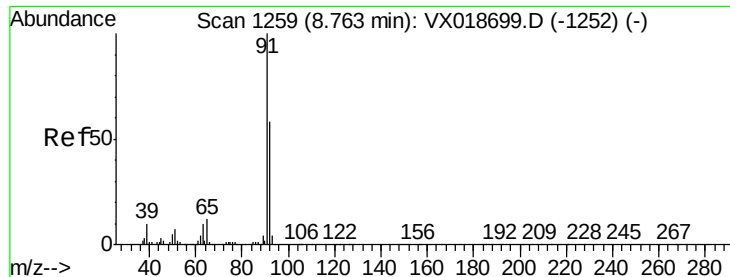
58 29.2 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0





#42

Toluene

Concen: 0.090 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

Instrument :

MSVOA\_X

ClientSampled :

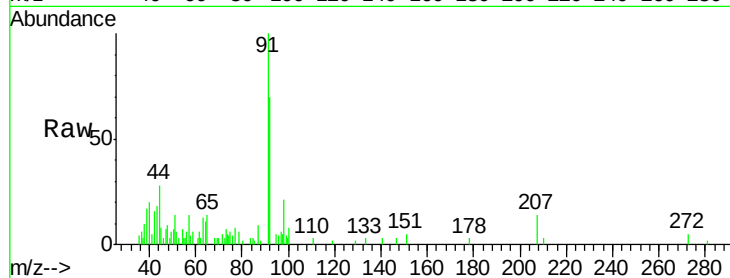
BFSB8

Tot Ion: 91 Resp: 3976

Ion Ratio Lower Upper

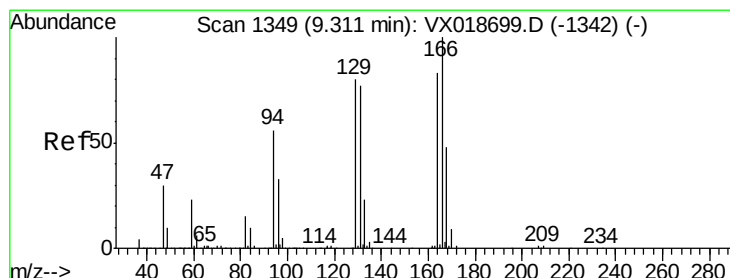
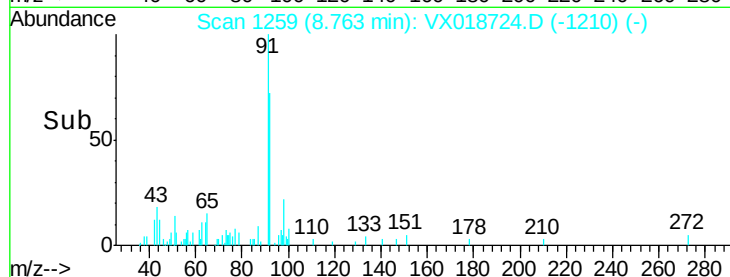
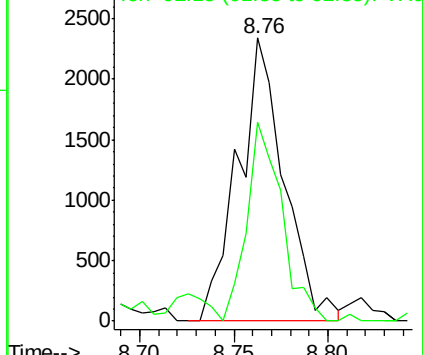
91 100

92 70.2 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VX018699.D (-1252) (-)

Ion 92.15 (91.85 to 92.85): VX018699.D (-1252) (-)



#49

Tetrachloroethene

Concen: 0.758 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018724.D

Acq: 01 Oct 2020 02:05

Tgt Ion: 164 Resp: 7020

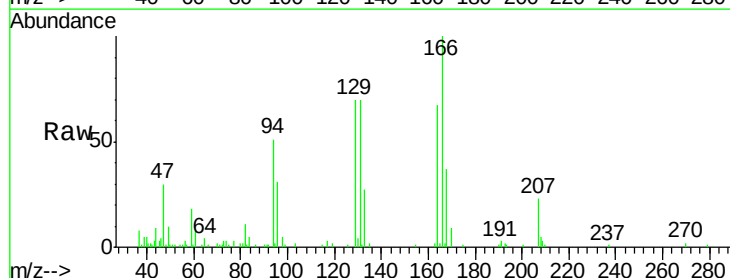
Ion Ratio Lower Upper

164 100

129 104.7 65.9 122.3

131 104.8 61.4 114.0

166 149.7 91.0 169.0



Abundance Ion 163.90 (163.60 to 164.60): VX018699.D (-1342) (-)

Ion 128.95 (128.65 to 129.65): VX018699.D (-1342) (-)

Ion 130.95 (130.65 to 131.65): VX018699.D (-1342) (-)

Ion 165.90 (165.60 to 166.60): VX018699.D (-1342) (-)

