

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\  
 Data File : VV006882.D  
 Acq On : 04 Aug 2018 15:12  
 Operator : SY/MD  
 Sample : J4314-13  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0KX1

Quant Time: Aug 06 03:52:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080218WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Aug 06 03:23:10 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 252165   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 240489   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 91928    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 100216   | 5.74     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 114.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 92014    | 6.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 121.20% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 144239   | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 89.20%  |
| 20) 2-Butanone-d5              | 3.96   | 46    | 242850   | 57.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 114.66% |
| 24) Chloroform-d               | 4.41   | 84    | 180767   | 5.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 118.40% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 92343    | 5.99     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 119.80% |
| 32) Benzene-d6                 | 5.10   | 84    | 341871   | 5.26     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 105.20% |
| 36) 1,2-Dichloropropane-d6     | 6.13   | 67    | 118543   | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 110.60% |
| 41) Toluene-d8                 | 7.37   | 98    | 258552   | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 89.20%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 36403    | 4.80     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 96.00%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 141060   | 41.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 83.58%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 89697    | 5.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 112.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 89506    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 105.00% |

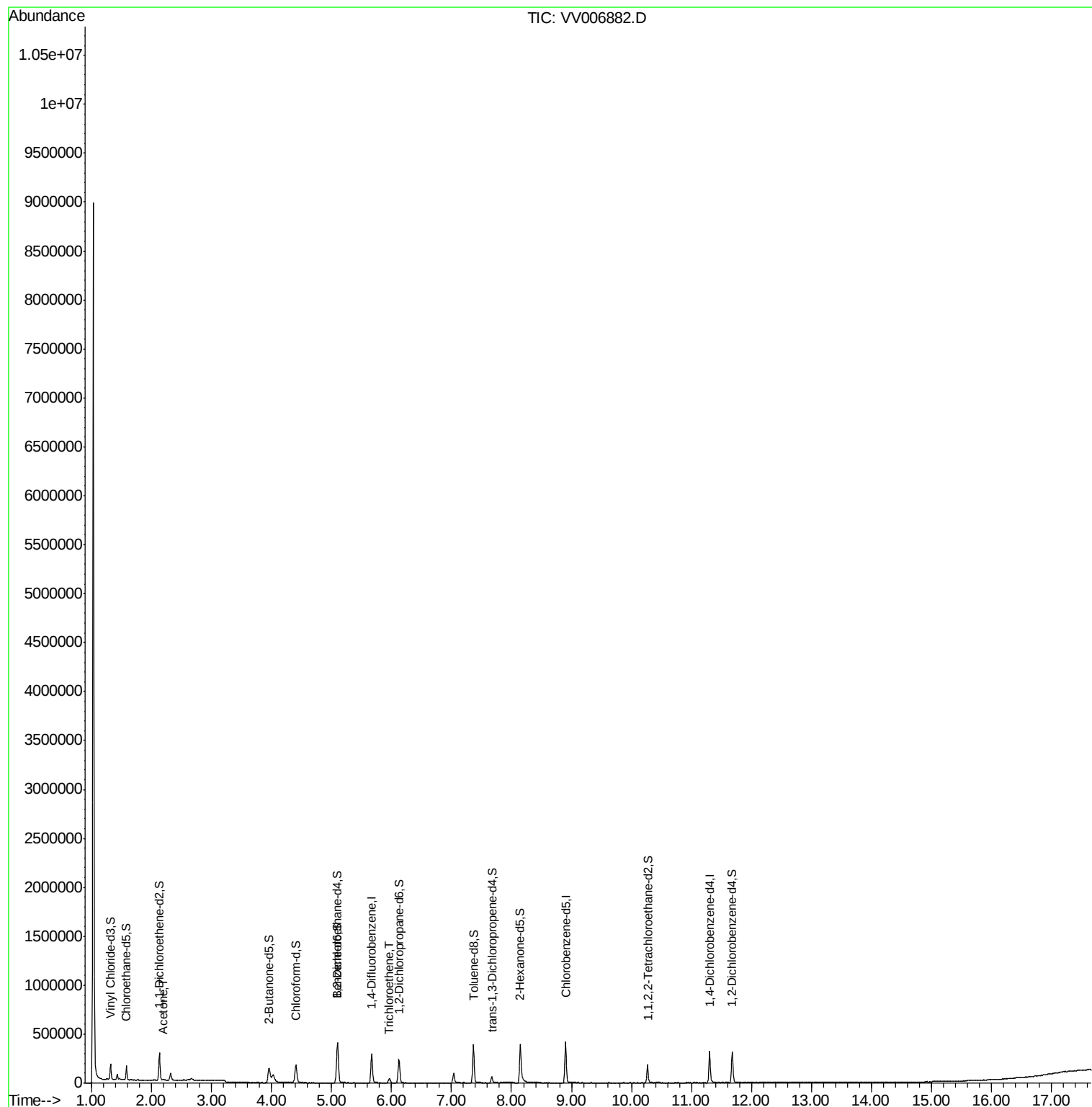
| Target Compounds    |      |    |       |           | Ovalue |
|---------------------|------|----|-------|-----------|--------|
| 13) Acetone         | 2.20 | 43 | 8984  | 3.01 ug/L | 89     |
| 34) Trichloroethene | 5.96 | 95 | 15823 | 0.84 ug/L | 89     |

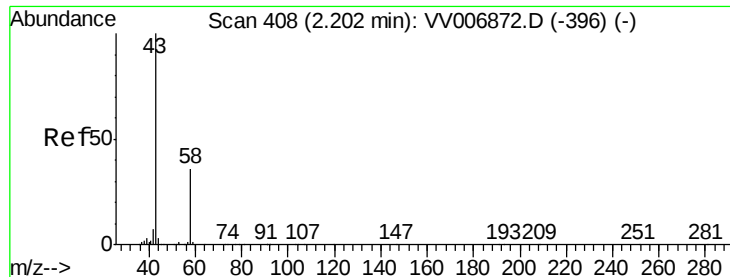
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.01 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.01 min

Lab File: VV006882.D

Acq: 04 Aug 2018 15:12

Instrument :

MSVOA\_V

ClientSampleId :

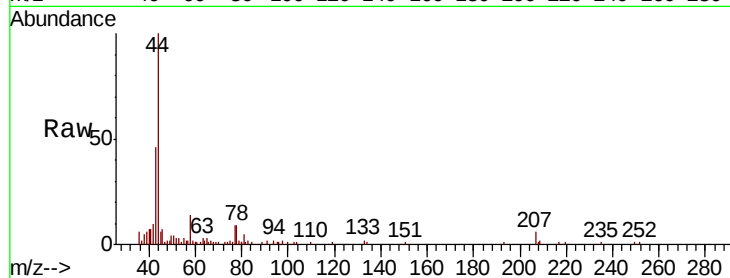
C0KX1

Tot Ion: 43 Resp: 8984

Ion Ratio Lower Upper

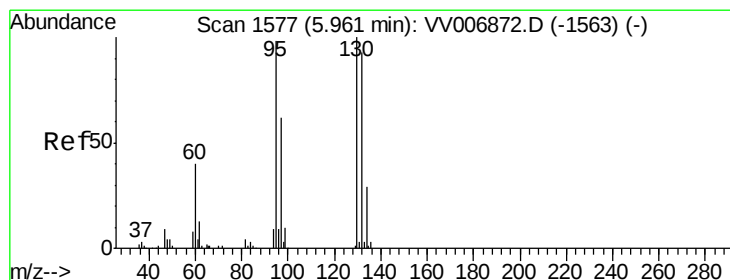
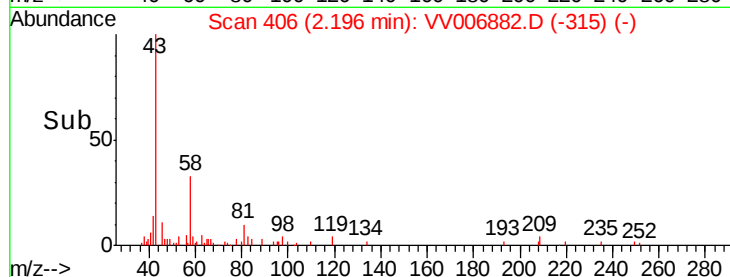
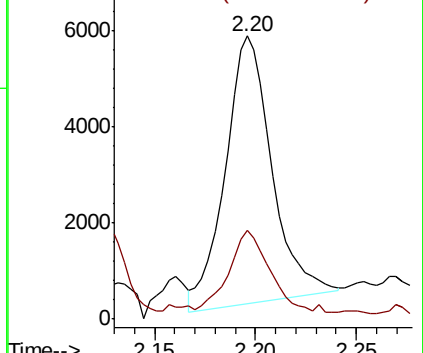
43 100

58 28.1 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006882.D (-1484) (-)

Ion 58.05 (57.75 to 58.75): VV006882.D (-1484) (-)



#34

Trichloroethene

Concen: 0.84 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006882.D

Acq: 04 Aug 2018 15:12

Tgt Ion: 95 Resp: 15823

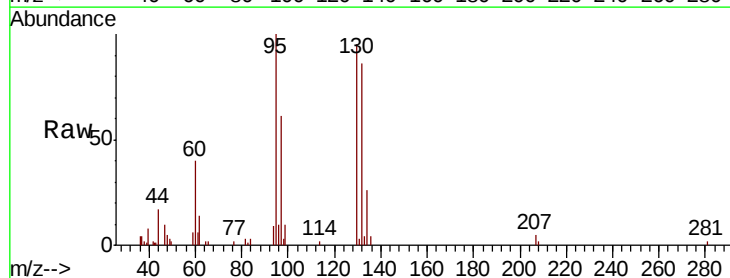
Ion Ratio Lower Upper

95 100

97 60.7 46.3 86.1

132 86.1 72.0 133.6

130 94.8 72.4 134.4



Abundance Ion 95.00 (94.70 to 95.70): VV006882.D (-1484) (-)

Ion 96.95 (96.65 to 97.65): VV006882.D (-1484) (-)

Ion 131.95 (131.65 to 132.65): VV006882.D (-1484) (-)

Ion 129.95 (129.65 to 130.65): VV006882.D (-1484) (-)

