

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\  
 Data File : VV006985.D  
 Acq On : 10 Aug 2018 15:43  
 Operator : SY/MD  
 Sample : J4422-08  
 Misc : 25 mL/MSVOA V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AC8

Quant Time: Aug 11 00:10:09 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR080918WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Aug 10 23:13:31 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 244445   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 236826   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 94759    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 66921    | 4.24     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 84.80% |
| 7) Chloroethane-d5             | 1.58   | 69    | 63117    | 4.72     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.40% |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 92156    | 3.11     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 62.20% |
| 20) 2-Butanone-d5              | 3.97   | 46    | 222894   | 49.12    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.24% |
| 24) Chloroform-d               | 4.41   | 84    | 153934   | 4.81     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.20% |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 80377    | 4.97     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.40% |
| 32) Benzene-d6                 | 5.10   | 84    | 283020   | 4.65     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 93.00% |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 99660    | 4.79     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 95.80% |
| 41) Toluene-d8                 | 7.37   | 98    | 208191   | 4.02     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.40% |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 30304    | 4.19     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.80% |
| 46) 2-Hexanone-d5              | 8.15   | 63    | 113044   | 38.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 76.40% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 75131    | 4.63     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 92.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 81016    | 4.91     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 98.20% |

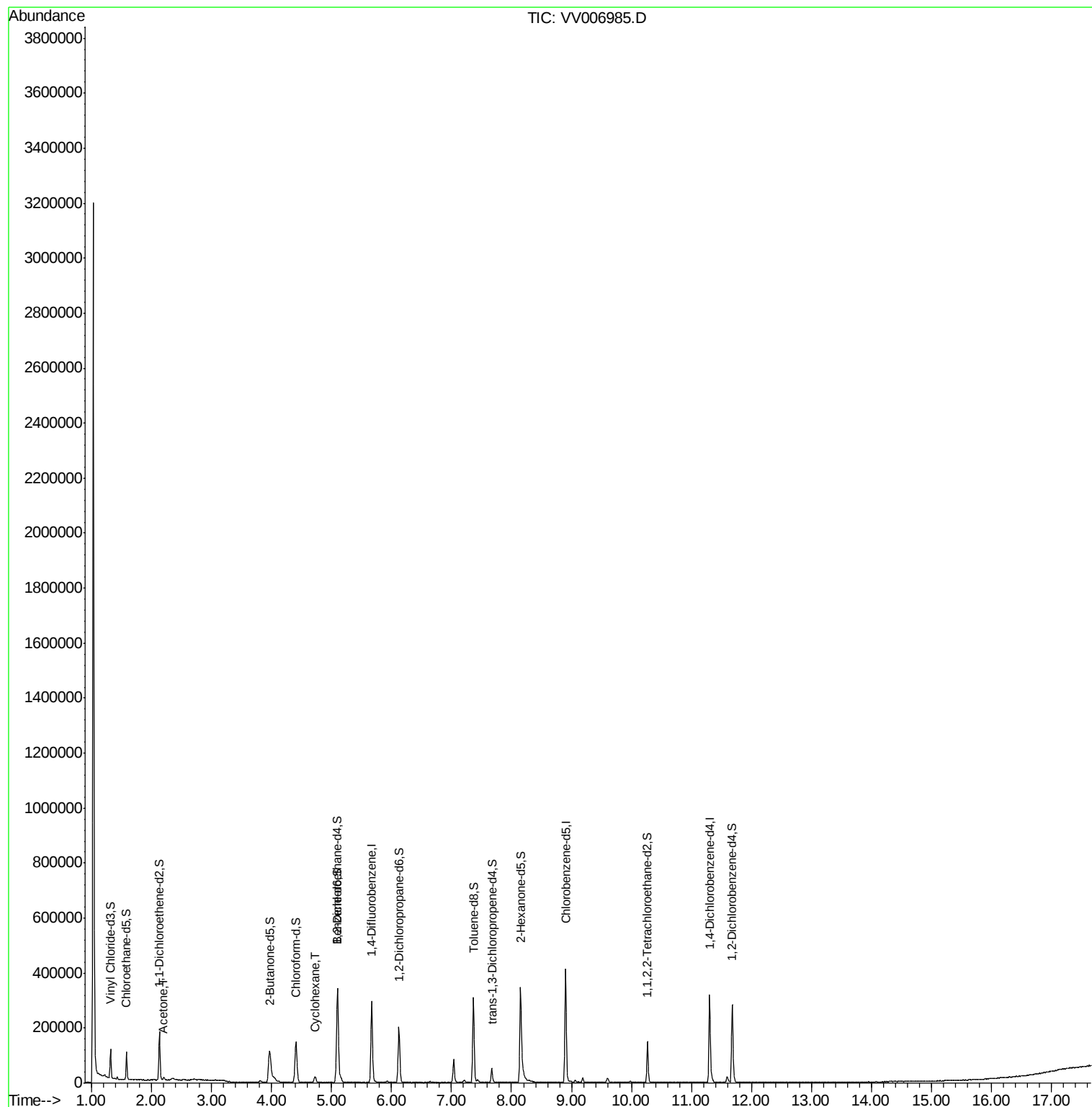
| Target Compounds |      |    |      |           | Ovalue |
|------------------|------|----|------|-----------|--------|
| 13) Acetone      | 2.21 | 43 | 9933 | 4.25 ug/L | 100    |
| 30) Cyclohexane  | 4.72 | 56 | 9662 | 0.29 ug/L | 98     |

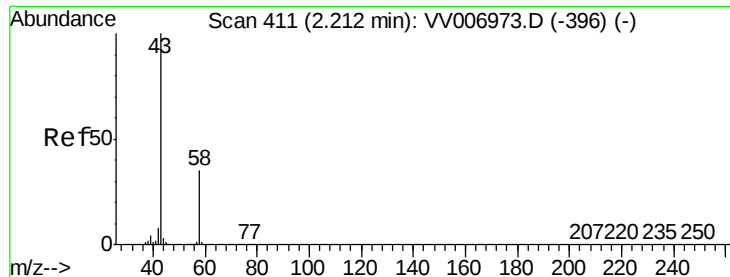
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 10 23:13:31 2018  
Response via : Initial Calibration





#13

Acetone

Concen: 4.25 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV006985.D

Acq: 10 Aug 2018 15:43

Instrument :

MSVOA\_V

ClientSampled :

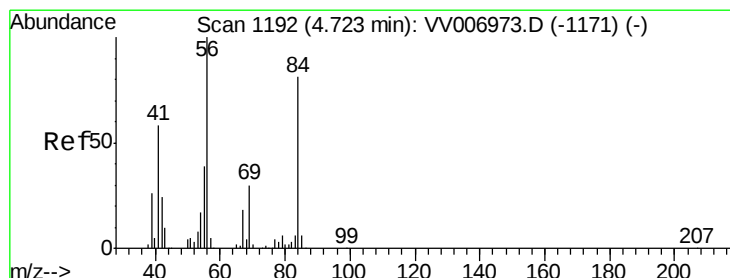
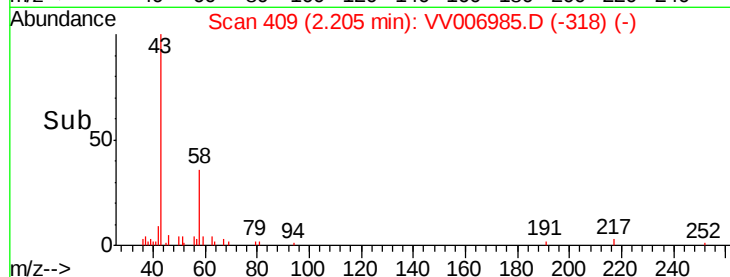
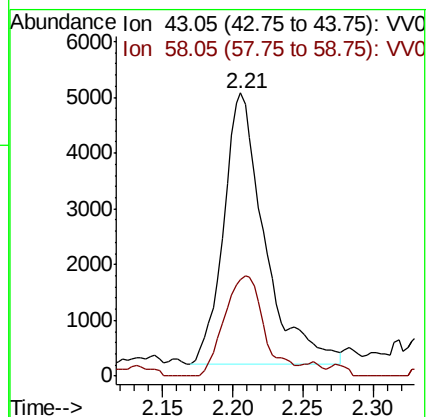
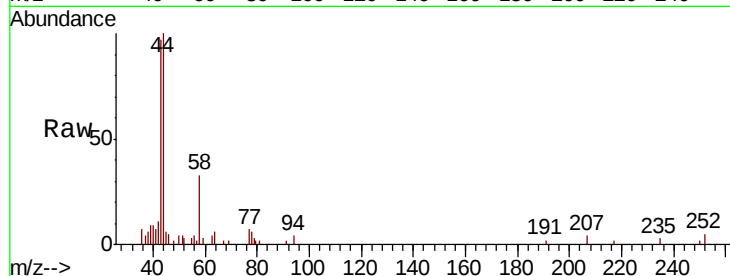
C0AC8

Tot Ion: 43 Resp: 9933

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.4



#30

Cyclohexane

Concen: 0.29 ug/L

RT: 4.72 min Scan# 1192

Delta R.T. 0.00 min

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Acq: 10 Aug 2018 15:43

Tgt Ion: 56 Resp: 9662

Ion Ratio Lower Upper

56 100

69 30.0 23.8 35.6

84 87.2 67.9 101.9

