

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\  
 Data File : VU031165.D  
 Acq On : 13 Apr 2019 18:36  
 Operator : JC/SP  
 Sample : K2353-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETJ61

Quant Time: Apr 15 11:48:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM040519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 13 22:25:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 458376   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 450712   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 186621   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 196207   | 47.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.90%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 155259   | 49.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.98%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 269012   | 36.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.70%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 308526   | 95.14    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.14%  |
| 24) Chloroform-d               | 4.64    | 84    | 311001   | 49.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 218241   | 51.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.34% |
| 32) Benzene-d6                 | 5.33    | 84    | 632382   | 48.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.12%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 212644   | 47.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 94.32%  |
| 41) Toluene-d8                 | 7.56    | 98    | 540338   | 46.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.66%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 92945    | 45.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.40%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 187430   | 90.95    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.95%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 302157   | 49.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.36%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 202710   | 55.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.46% |

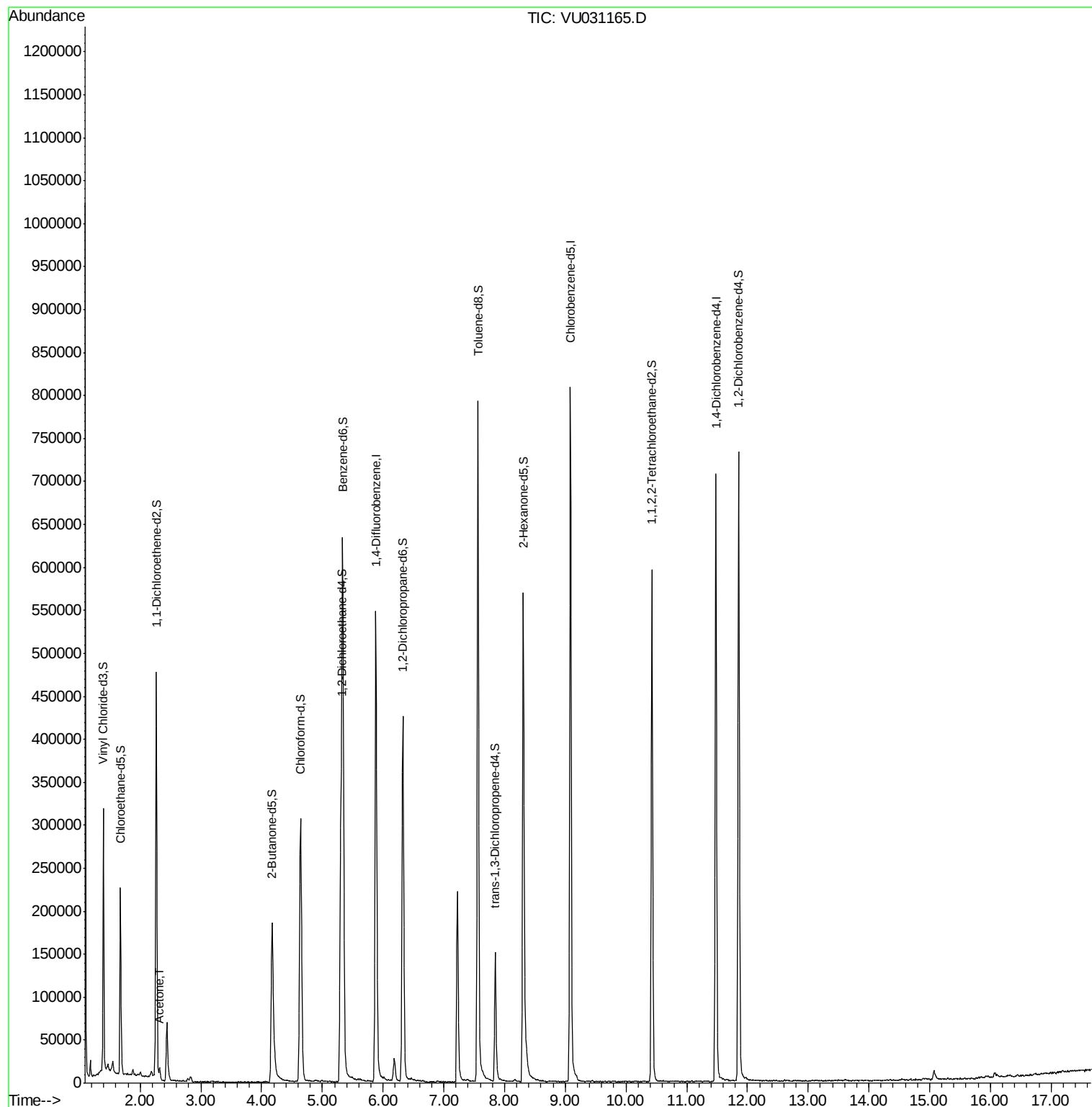
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 12091 | 3.644 ug/L | 95     |

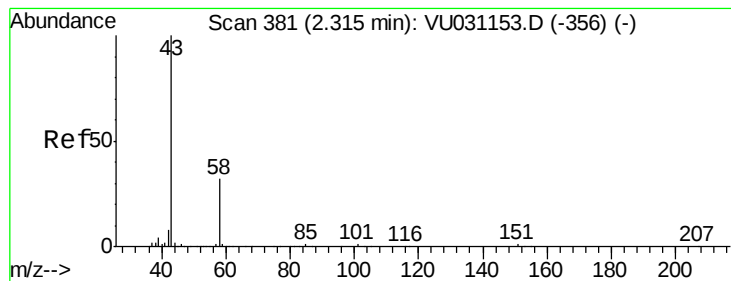
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13  
 Acetone  
 Concen: 3.644 ug/L  
 RT: 2.32 min Scan# 381  
 Delta R.T. -0.00 min  
 Lab File: VU031165.D  
 Acq: 13 Apr 2019 18:36

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETJ61

Tot Ion: 43 Resp: 12091  
 Ion Ratio Lower Upper  
 43 100  
 58 29.3 0.0 64.0

