

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062419\  
 Data File : VU033034.D  
 Acq On : 25 Jun 2019 02:21  
 Operator : JC/SP  
 Sample : K3496-01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETF55

Quant Time: Jun 25 08:06:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 25 06:54:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 194909   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 189556   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 89839    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 60879    | 45.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.40%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 53400    | 50.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 100.54% |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 97135    | 36.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.40%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 121507   | 109.60   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 109.60% |
| 24) Chloroform-d               | 4.64    | 84    | 129385   | 49.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.92%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 91863    | 53.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.52% |
| 32) Benzene-d6                 | 5.33    | 84    | 252057   | 51.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.02% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 81713    | 51.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 103.82% |
| 41) Toluene-d8                 | 7.56    | 98    | 227572   | 49.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.36%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 38072    | 46.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.00%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 70092    | 95.36    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 95.36%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 118200   | 48.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.14%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 90395    | 52.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.00% |

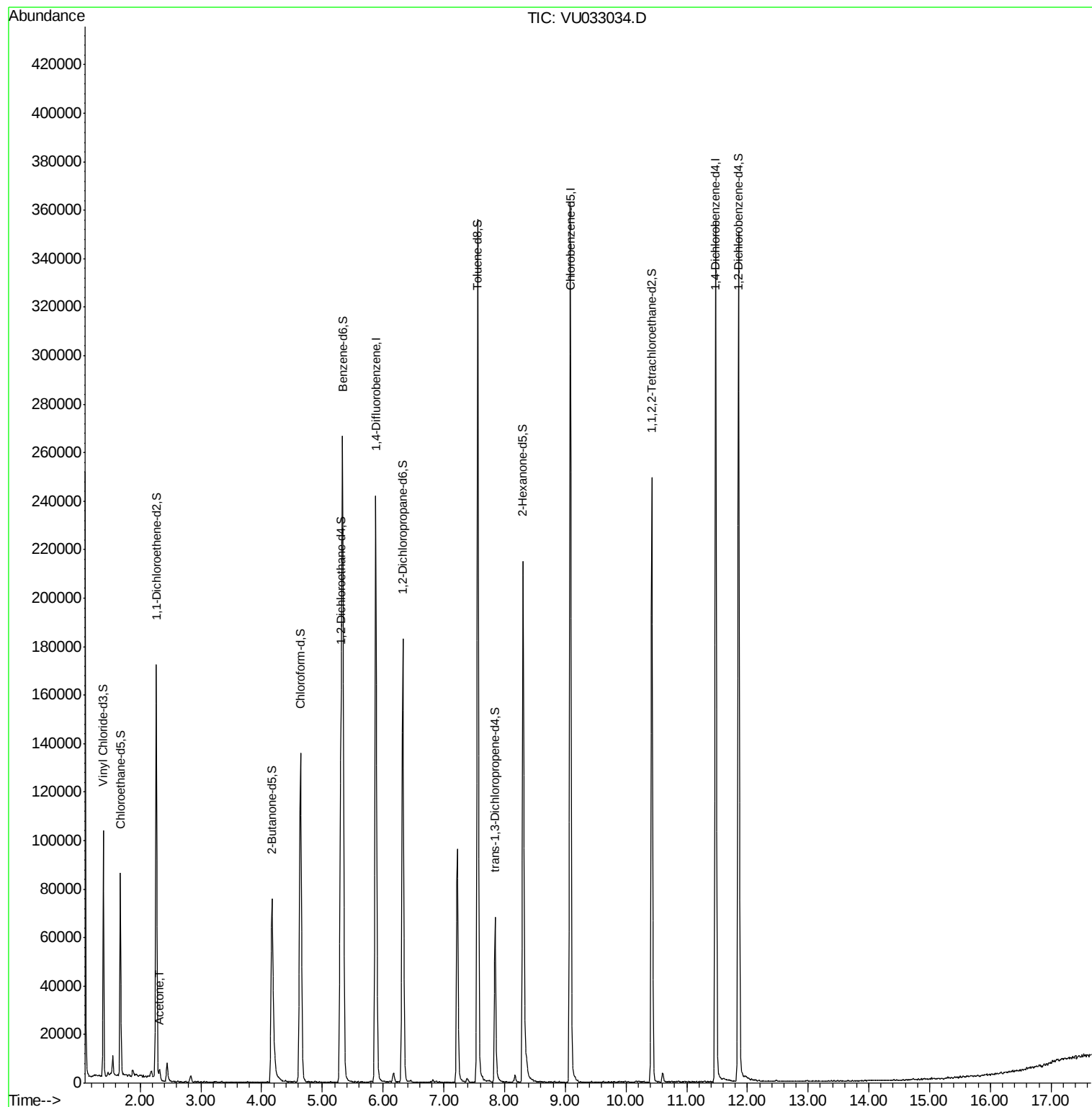
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 4194 | 2.739 ug/L | 88     |

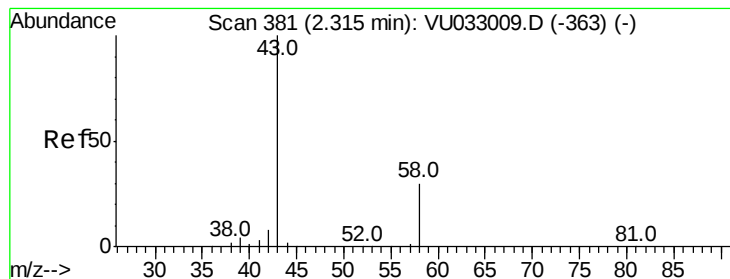
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13  
 Acetone  
 Concen: 2.739 ug/L  
 RT: 2.32 min Scan# 382  
 Delta R.T. 0.00 min  
 Lab File: VU033034.D  
 Acq: 25 Jun 2019 02:21

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETF55

Tot Ion: 43 Resp: 4194  
 Ion Ratio Lower Upper  
 43 100  
 58 23.6 0.0 60.6

