

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061219\  
 Data File : VU032672.D  
 Acq On : 12 Jun 2019 23:00  
 Operator : JC/SP  
 Sample : K3313-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COLZ5

Quant Time: Jun 13 07:10:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 13 05:57:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 169533   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 160849   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 77078    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 50298    | 45.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.46%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 41540    | 47.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 74864    | 34.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.52%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 87642    | 95.21    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.21%  |
| 24) Chloroform-d               | 4.64    | 84    | 96906    | 47.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.48%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 66385    | 51.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.74% |
| 32) Benzene-d6                 | 5.33    | 84    | 196542   | 47.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.14%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 62643    | 47.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.68%  |
| 41) Toluene-d8                 | 7.56    | 98    | 175880   | 44.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.84%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 25983    | 41.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 82.94%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 48044    | 75.64    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 75.64%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 86338    | 45.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.02%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 71586    | 48.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.98%  |

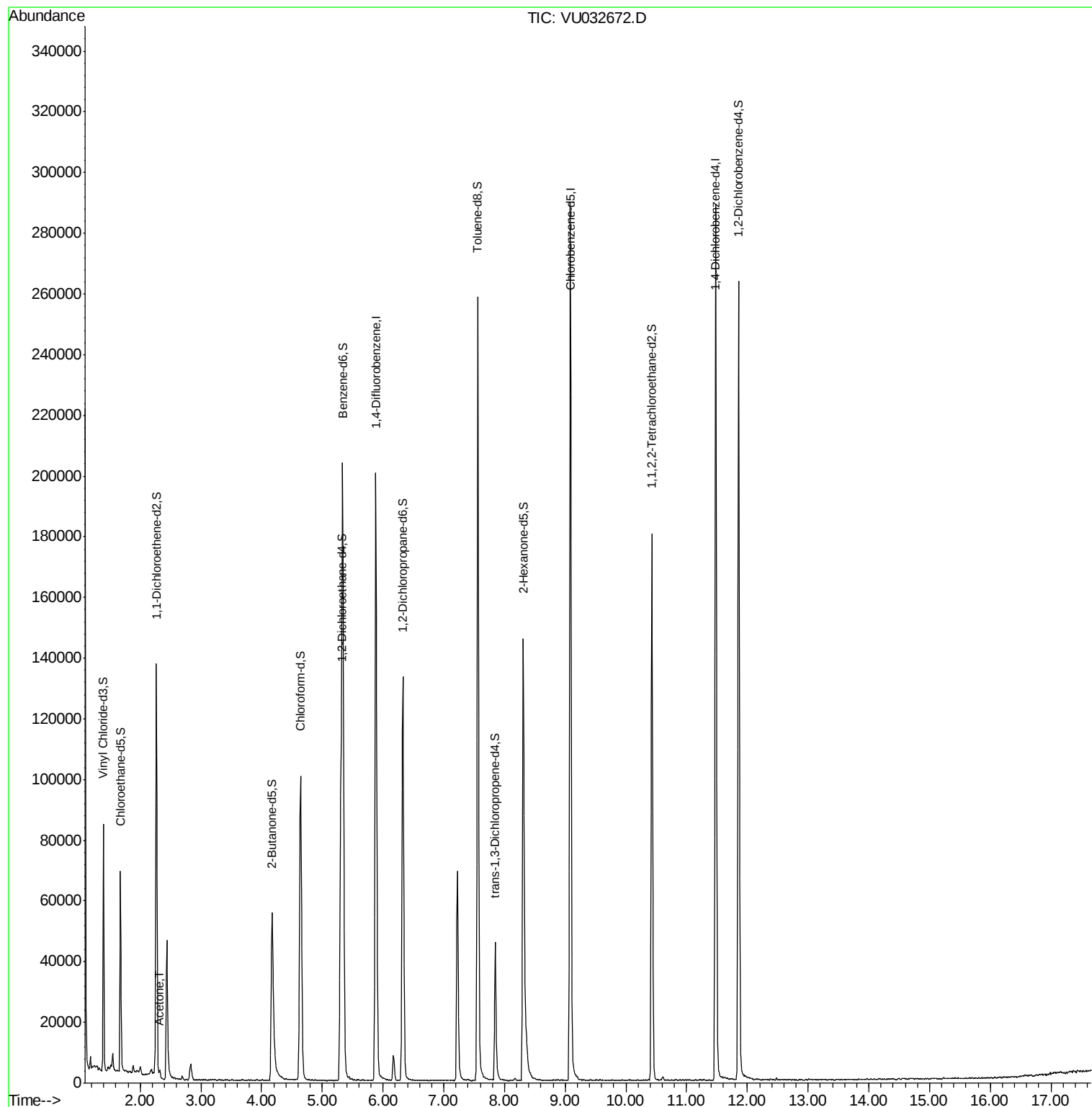
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 2174 | 2.289 ug/L | 87     |

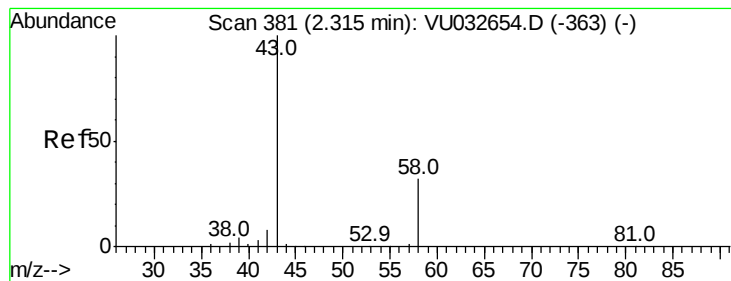
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU061219\  
Data File : VU032672.D  
Acq On : 12 Jun 2019 23:00  
Operator : JC/SP  
Sample : K3313-15  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
COLZ5

Quant Time: Jun 13 07:10:34 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jun 13 05:57:37 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.289 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032672.D

Acq: 12 Jun 2019 23:00

Instrument :  
MSVOA\_U  
ClientSampleId :  
COLZ5

Tot Ion: 43 Resp: 2174

Ion Ratio Lower Upper

43 100

58 24.6 0.0 64.0

