

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\  
 Data File : VU030416.D  
 Acq On : 25 Mar 2019 20:41  
 Operator : JC/SP  
 Sample : K2016-18  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C09E7

Quant Time: Mar 26 02:59:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 26 01:25:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 460857   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 435451   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 176352   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 195236   | 52.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 105.28% |
| 7) Chloroethane-d5             | 1.68    | 69    | 152338   | 51.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 103.64% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 266182   | 37.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.66%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 325303   | 93.30    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.30%  |
| 24) Chloroform-d               | 4.64    | 84    | 306264   | 47.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.86%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 202629   | 48.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.92%  |
| 32) Benzene-d6                 | 5.34    | 84    | 641381   | 51.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.72% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 218514   | 51.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 102.28% |
| 41) Toluene-d8                 | 7.56    | 98    | 552184   | 49.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.48%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 93700    | 46.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.28%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 215068   | 92.89    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.89%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 287259   | 46.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.98%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 175786   | 49.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.50%  |

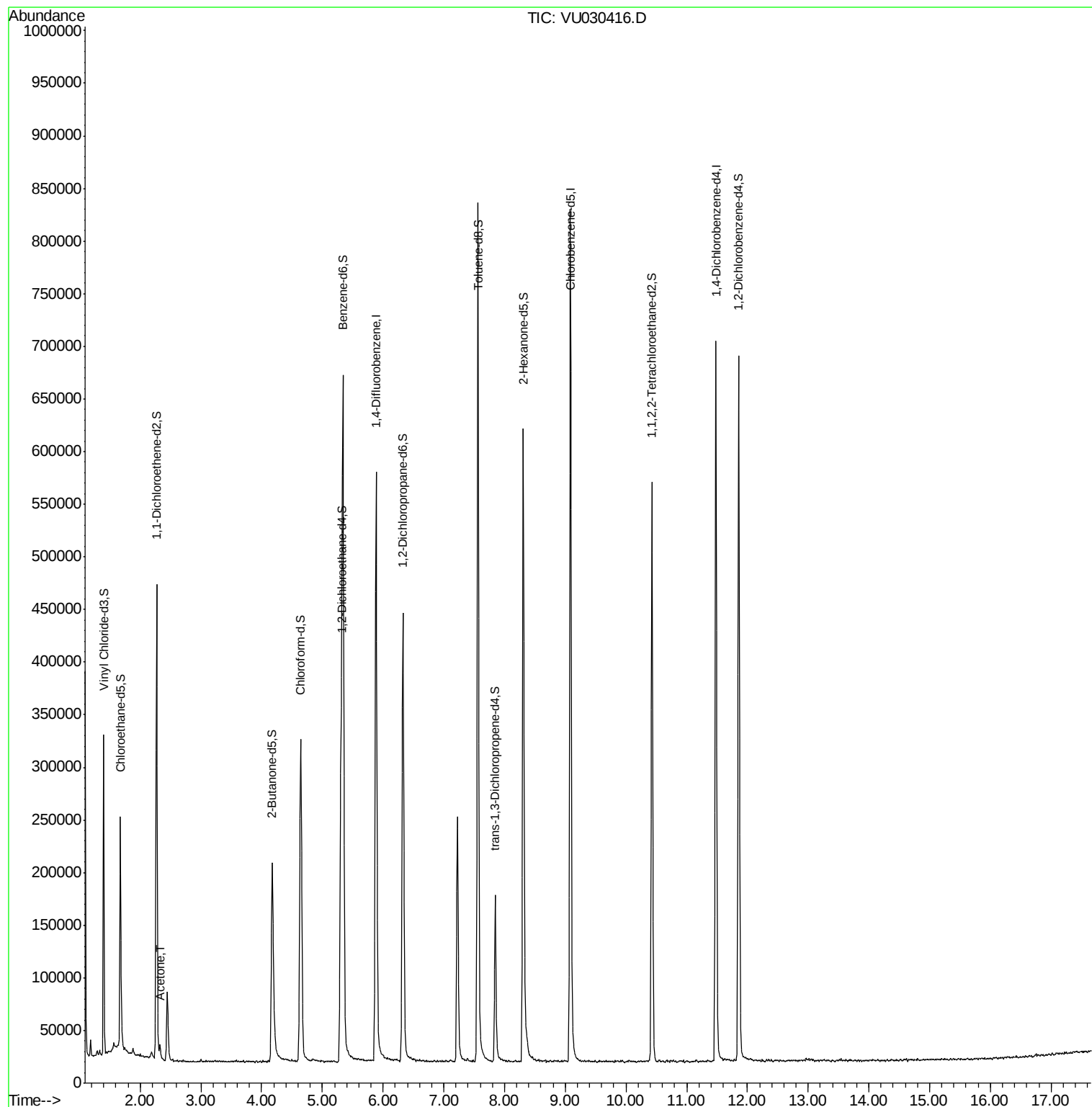
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 9604 | 2.724 ug/L | 96     |

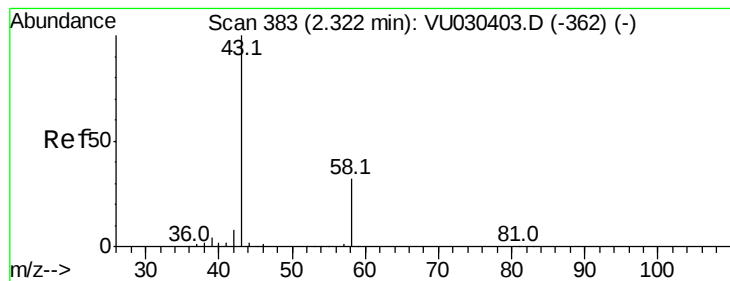
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU032519\  
Data File : VU030416.D  
Acq On : 25 Mar 2019 20:41  
Operator : JC/SP  
Sample : K2016-18  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C09E7

Quant Time: Mar 26 02:59:30 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Mar 26 01:25:56 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 2.724 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.00 min

Lab File: VU030416.D

Acq: 25 Mar 2019 20:41

Instrument :  
MSVOA\_U  
ClientSampleId :  
C09E7

Tot Ion: 43 Resp: 9604

Ion Ratio Lower Upper

43 100

58 33.5 0.0 62.8

