

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052119\  
 Data File : VU032202.D  
 Acq On : 21 May 2019 16:08  
 Operator : JC/SP  
 Sample : K2862-12  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFHJ5

Quant Time: May 22 03:46:41 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 22 02:08:11 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 812683   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 810545   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 328408   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 268117   | 50.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 101.16% |
| 7) Chloroethane-d5             | 1.67    | 69    | 230781   | 49.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 99.92%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 374199   | 37.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.14%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 324552   | 99.23    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.23%  |
| 24) Chloroform-d               | 4.64    | 84    | 512856   | 49.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 316557   | 51.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.68% |
| 32) Benzene-d6                 | 5.33    | 84    | 1092527  | 51.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.70% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 317324   | 52.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.32% |
| 41) Toluene-d8                 | 7.56    | 98    | 1001008  | 50.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.26% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 139909   | 46.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.20%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 236401   | 85.66    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 85.66%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 475255   | 48.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.58%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 380222   | 55.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.72% |

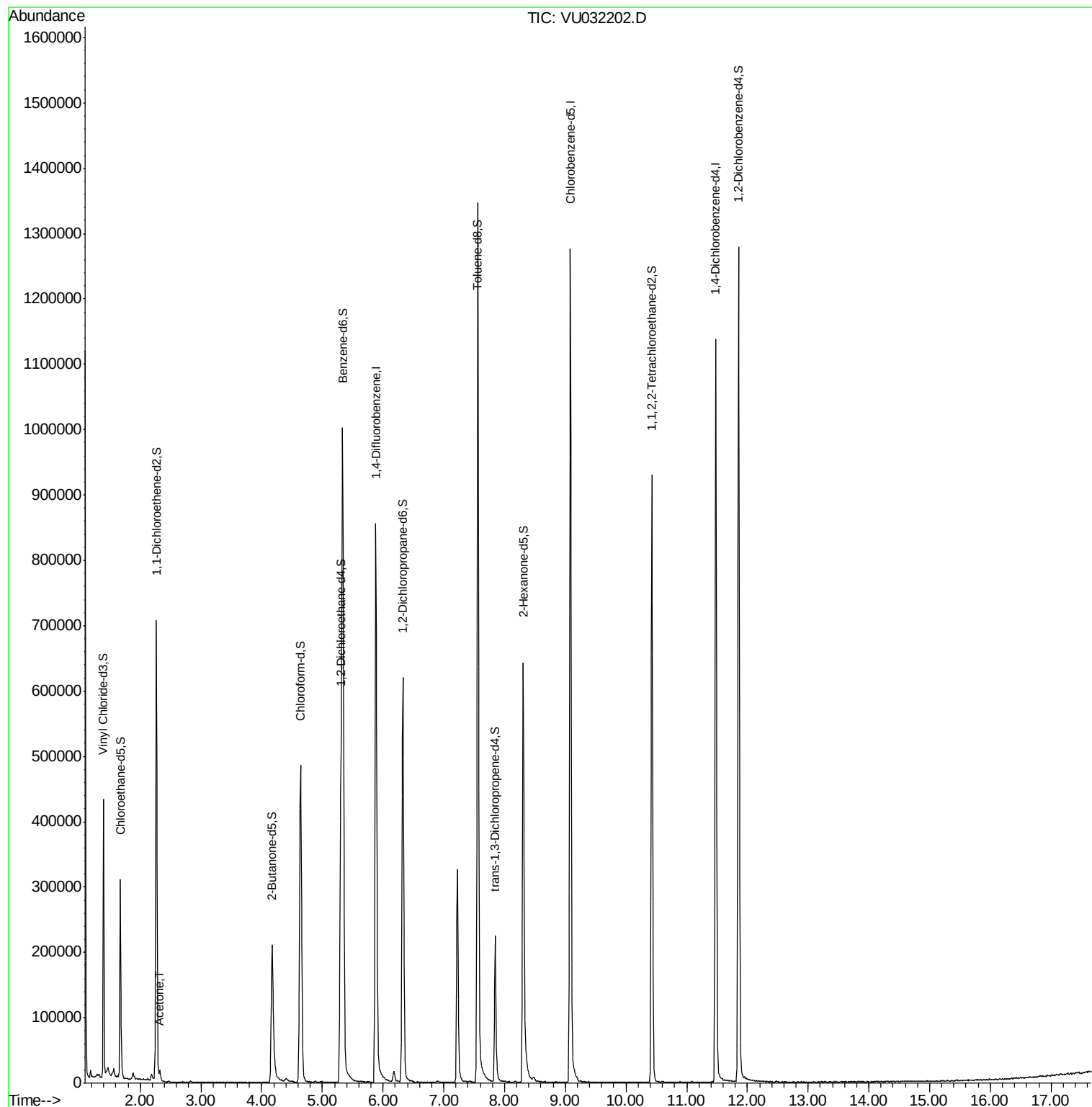
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 12085 | 3.629 ug/L | 97     |

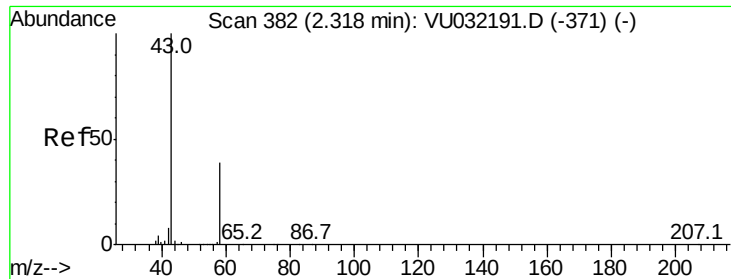
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052119\  
Data File : VU032202.D  
Acq On : 21 May 2019 16:08  
Operator : JC/SP  
Sample : K2862-12  
Misc : 5.0mL/MSVOA U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFHJ5

Quant Time: May 22 03:46:41 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052119WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed May 22 02:08:11 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 3.629 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032202.D

Acq: 21 May 2019 16:08

Instrument :  
MSVOA\_U  
ClientSampleId :  
BFHJ5

Tot Ion: 43 Resp: 12085

Ion Ratio Lower Upper

43 100

58 36.7 0.0 76.8

