

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121818\  
 Data File : VV009018.D  
 Acq On : 18 Dec 2018 17:14  
 Operator : SY/MD  
 Sample : J6418-07  
 Misc : 3.88G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF002

Quant Time: Dec 19 06:57:12 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 19 06:18:48 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 280246   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 236898   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 89959    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 77363    | 26.68    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 106.72% |
| 7) Chloroethane-d5             | 1.58   | 69    | 71504    | 33.37    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 133.48% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 158152   | 21.81    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 87.24%  |
| 20) 2-Butanone-d5              | 3.94   | 46    | 44668    | 42.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.62%  |
| 24) Chloroform-d               | 4.40   | 84    | 182536   | 27.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 108.36% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 110396   | 30.03    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 120.12% |
| 29) Benzene-d6                 | 5.10   | 84    | 373896   | 28.26    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 113.04% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 110789   | 29.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 119.64% |
| 37) Toluene-d8                 | 7.36   | 98    | 336189   | 27.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 109.84% |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 44838    | 27.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 110.20% |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 25831    | 38.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.14%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 74822    | 24.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 96.32%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 88504    | 26.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 104.88% |

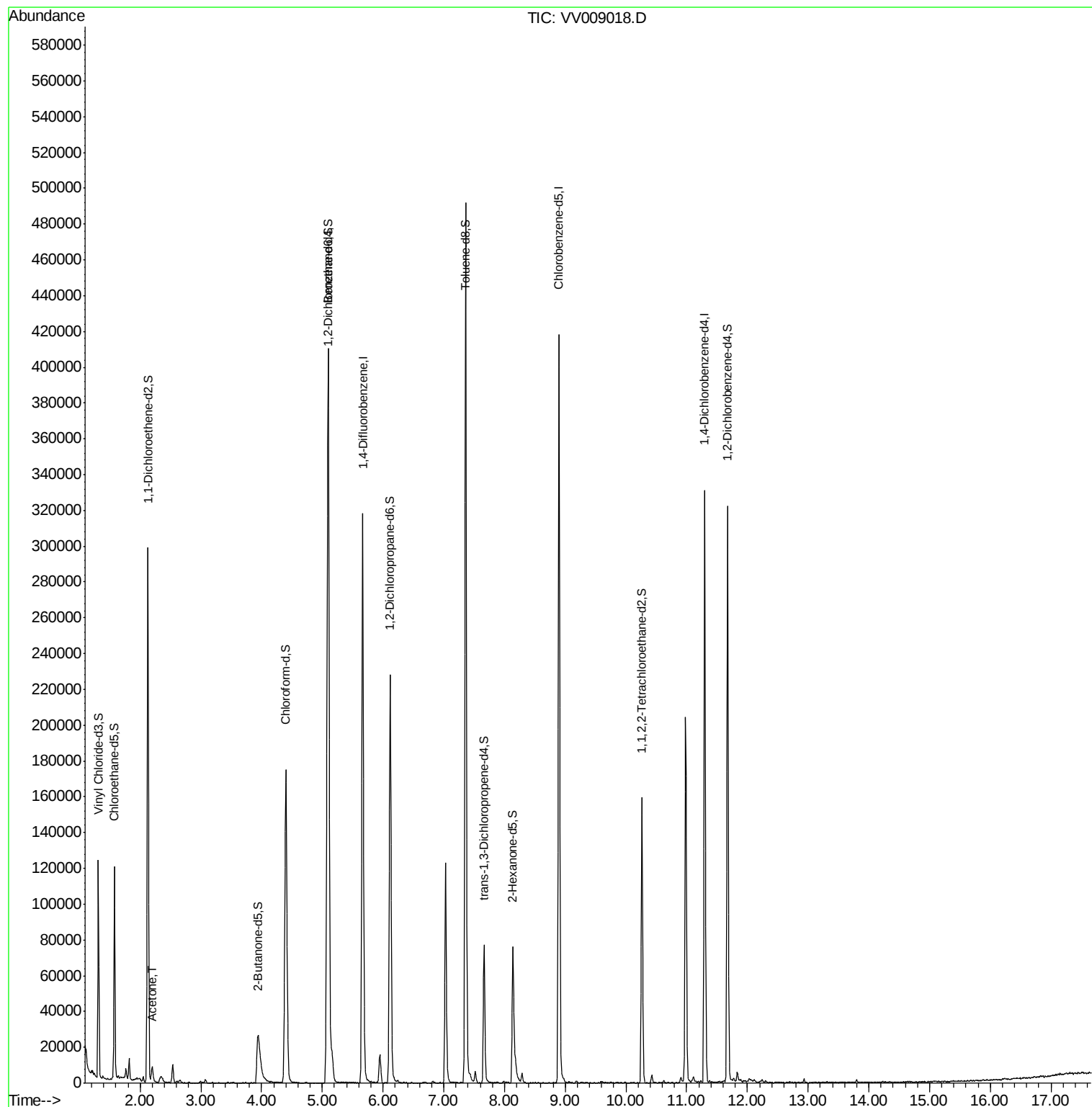
| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 2.20 | 43 | 10031 | 6.448 ug/L 95 |

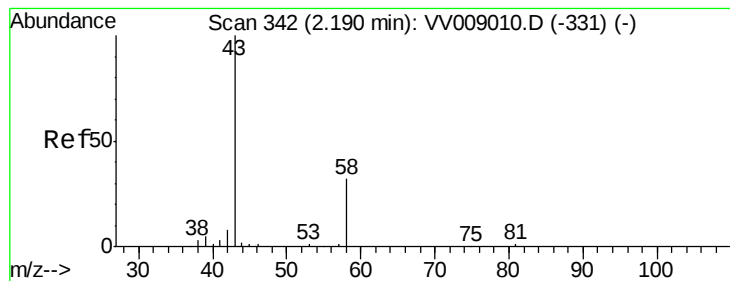
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.448 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV009018.D

Acq: 18 Dec 2018 17:14

Instrument :  
MSVOA\_V  
ClientSampleId :  
BF002

Tot Ion: 43 Resp: 10031

Ion Ratio Lower Upper

43 100

58 29.9 0.0 65.4

