

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101719\  
 Data File : VW013610.D  
 Acq On : 17 Oct 2019 11:35  
 Operator : SY/VA  
 Sample : K5395-02  
 Misc : 4.02G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Quant Time: Oct 17 16:59:21 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101019S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 17 16:56:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 433042   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 365041   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 159009   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 100538   | 20.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.16%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 86354    | 22.69    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.76%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 179813   | 17.48    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 69.92%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 72535    | 48.59    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.18%  |
| 24) Chloroform-d               | 7.65   | 84    | 244956   | 26.04    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 104.16% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 129240   | 26.52    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 106.08% |
| 29) Benzene-d6                 | 8.27   | 84    | 537847   | 27.51    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 110.04% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 159019   | 27.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 109.64% |
| 37) Toluene-d8                 | 10.32  | 98    | 492911   | 26.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 106.24% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 65349    | 25.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 101.16% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 55083    | 47.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 94.94%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 116547   | 25.06    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 100.24% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 153903   | 26.93    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 107.72% |

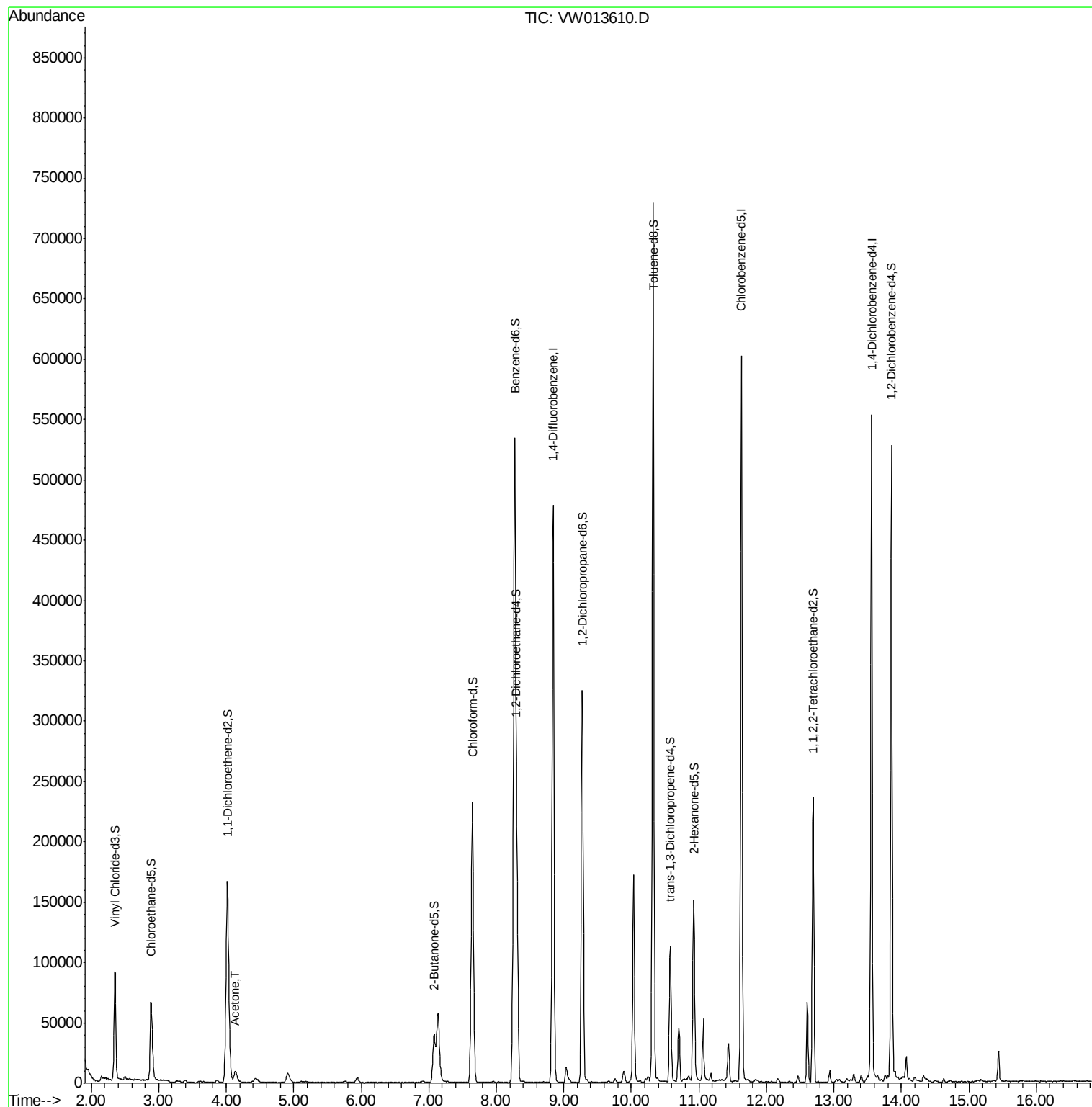
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.13 | 43 | 15947 | 9.294 ug/L | 99     |

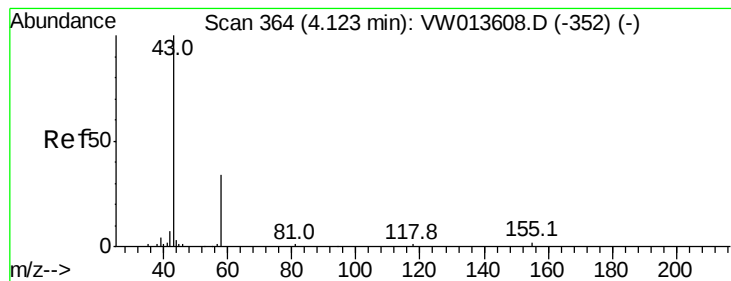
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 17 16:56:38 2019  
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#13  
 Acetone  
 Concen: 9.294 ug/L  
 RT: 4.13 min Scan# 366  
 Delta R.T. 0.01 min  
 Lab File: VW013610.D  
 Acq: 17 Oct 2019 11:35

Instrument :  
 MSVOA\_W  
 ClientSampleId :

Tot Ion: 43 Resp: 15947  
 Ion Ratio Lower Upper  
 43 100  
 58 33.2 0.0 67.8

