

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100419\  
 Data File : VV013040.D  
 Acq On : 04 Oct 2019 11:16  
 Operator : SY/MD  
 Sample : VV1004SBL01  
 Misc : 5.00G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Oct 04 18:26:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM092319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Oct 04 18:24:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 755068   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 740228   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 360635   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 216097   | 18.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 73.76% |
| 7) Chloroethane-d5             | 1.58   | 69    | 197697   | 20.87    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.48% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 299708   | 15.38    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 61.52% |
| 20) 2-Butanone-d5              | 3.94   | 46    | 171908   | 42.50    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 85.00% |
| 24) Chloroform-d               | 4.40   | 84    | 428892   | 20.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 82.72% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 254324   | 21.09    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 84.36% |
| 29) Benzene-d6                 | 5.10   | 84    | 880104   | 21.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 85.20% |
| 33) 1,2-Dichloropropane-d6     | 6.11   | 67    | 284774   | 21.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 87.92% |
| 37) Toluene-d8                 | 7.36   | 98    | 779101   | 20.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 83.08% |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 109446   | 19.95    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 79.80% |
| 39) 2-Hexanone-d5              | 8.14   | 63    | 110157   | 42.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.52% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 249696   | 20.29    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 81.16% |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 317717   | 22.68    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 90.72% |

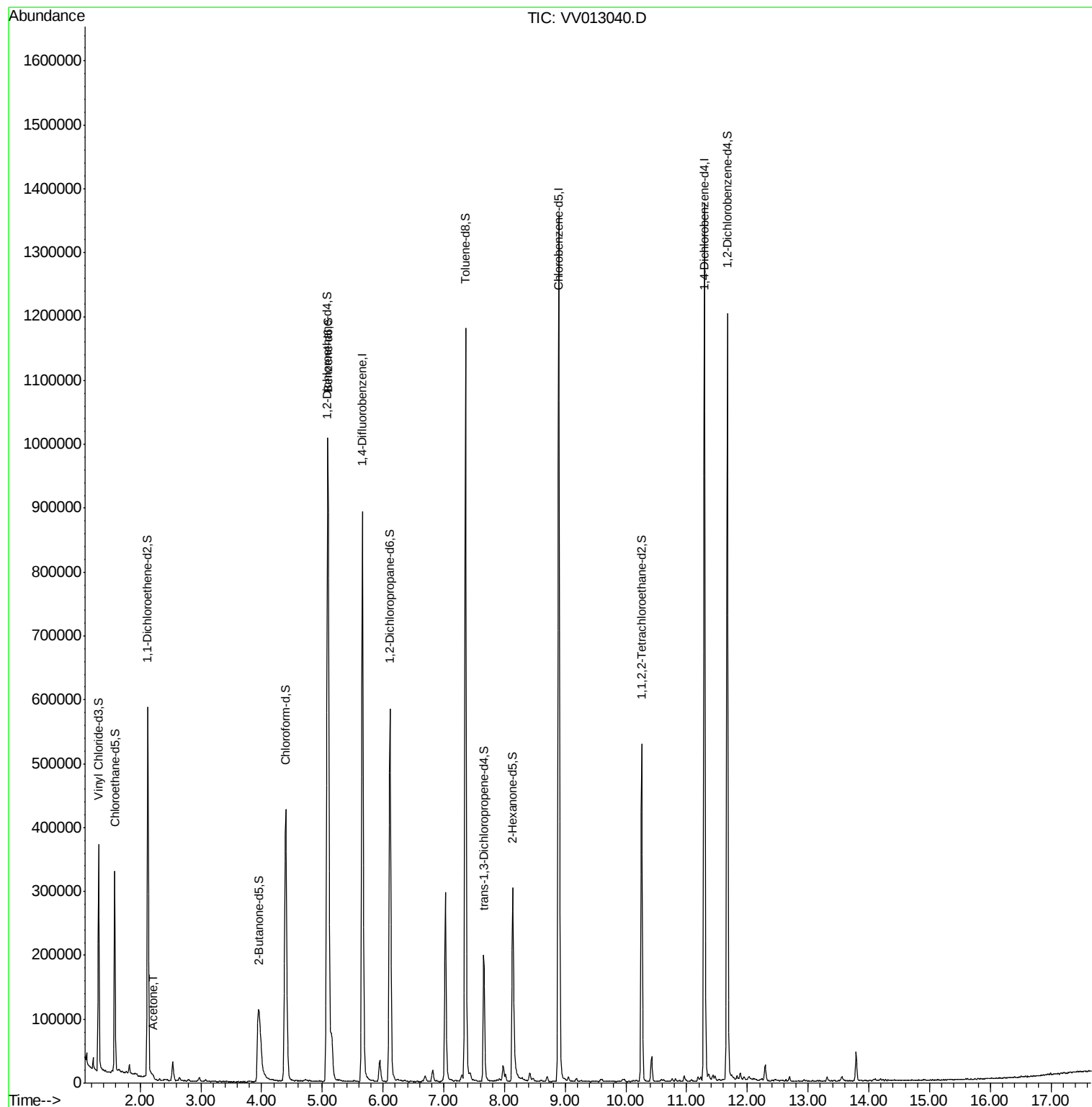
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.21 | 43 | 9975 | 2.320 ug/L | 96     |

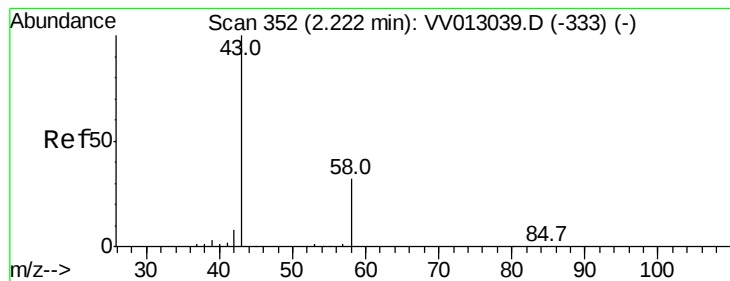
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 04 18:24:09 2019  
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#13  
Acetone  
Concen: 2.320 ug/L  
RT: 2.21 min Scan# 348  
Delta R.T. 0.01 min  
Lab File: VV013040.D  
Acq: 04 Oct 2019 11:16

Instrument :  
MSVOA\_V  
ClientSampleId :

Tot Ion: 43 Resp: 9975  
Ion Ratio Lower Upper  
43 100  
58 35.0 0.0 65.0

