

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\  
 Data File : VV010835.D  
 Acq On : 11 May 2019 02:15  
 Operator : SY/MD  
 Sample : K2692-21  
 Misc : 5.38G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A5184

Quant Time: May 11 05:37:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 11 00:23:03 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 17079    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 11850    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 2202     | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 6408     | 24.15    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.60%   |
| 7) Chloroethane-d5             | 1.58   | 69    | 6045     | 27.69    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 110.76%  |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 10846    | 18.85    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 75.40%   |
| 20) 2-Butanone-d5              | 3.94   | 46    | 4407     | 55.35    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 110.70%  |
| 24) Chloroform-d               | 4.40   | 84    | 13942    | 29.94    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 119.76%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 9498     | 32.66    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 130.64%# |
| 29) Benzene-d6                 | 5.10   | 84    | 22437    | 35.97    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 143.88%# |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 8223     | 41.37    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 165.48%# |
| 37) Toluene-d8                 | 7.36   | 98    | 15423    | 25.82    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 103.28%  |
| 38) trans-1,3-Dichloropropene- | 7.67   | 79    | 2427     | 26.79    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 107.16%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 2270     | 54.58    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 109.16%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 5529     | 29.60    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 118.40%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 2159     | 25.32    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 101.28%  |

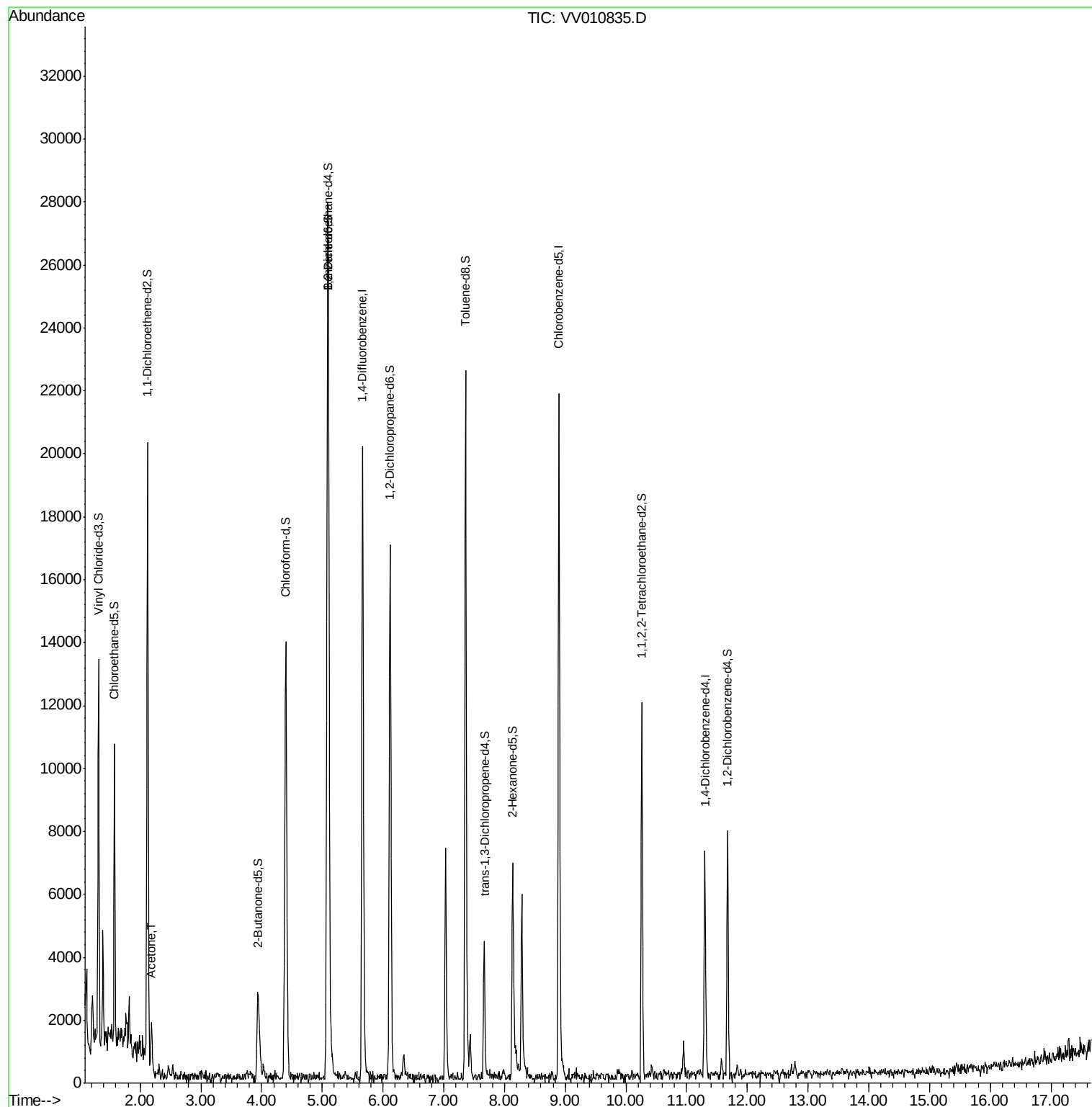
| Target Compounds |      |    |      |             | Ovalue |
|------------------|------|----|------|-------------|--------|
| 13) Acetone      | 2.19 | 43 | 1735 | 14.076 ug/L | 91     |

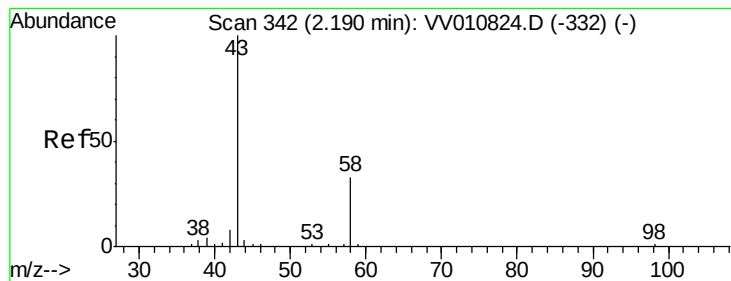
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13  
 Acetone  
 Concen: 14.076 ug/L  
 RT: 2.19 min Scan# 341  
 Delta R.T. -0.00 min  
 Lab File: VV010835.D  
 Acq: 11 May 2019 02:15

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Tot Ion: 43 Resp: 1735  
 Ion Ratio Lower Upper  
 43 100  
 58 26.5 0.0 63.4

