

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\  
 Data File : VV010773.D  
 Acq On : 09 May 2019 18:03  
 Operator : SY/MD  
 Sample : K2693-18  
 Misc : 5.71G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFHF3

Quant Time: May 10 06:50:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 10 05:43:08 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 83450    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 80468    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 31115    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 23730    | 18.30    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 73.20% |
| 7) Chloroethane-d5             | 1.58   | 69    | 23091    | 21.64    | ug/L | 0.02   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 86.56% |
| 10) 1,1-Dichloroethene-d2      | 2.13   | 63    | 41370    | 14.71    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 58.84% |
| 20) 2-Butanone-d5              | 3.94   | 46    | 13337    | 34.28    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 68.56% |
| 24) Chloroform-d               | 4.40   | 84    | 49818    | 21.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 87.60% |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 30936    | 21.77    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 87.08% |
| 29) Benzene-d6                 | 5.10   | 84    | 95373    | 22.52    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 90.08% |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 31066    | 23.02    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 92.08% |
| 37) Toluene-d8                 | 7.36   | 98    | 86533    | 21.33    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 85.32% |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 11740    | 19.08    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 76.32% |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 9230     | 32.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 65.36% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 23388    | 18.44    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 73.76% |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 29299    | 24.31    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 97.24% |

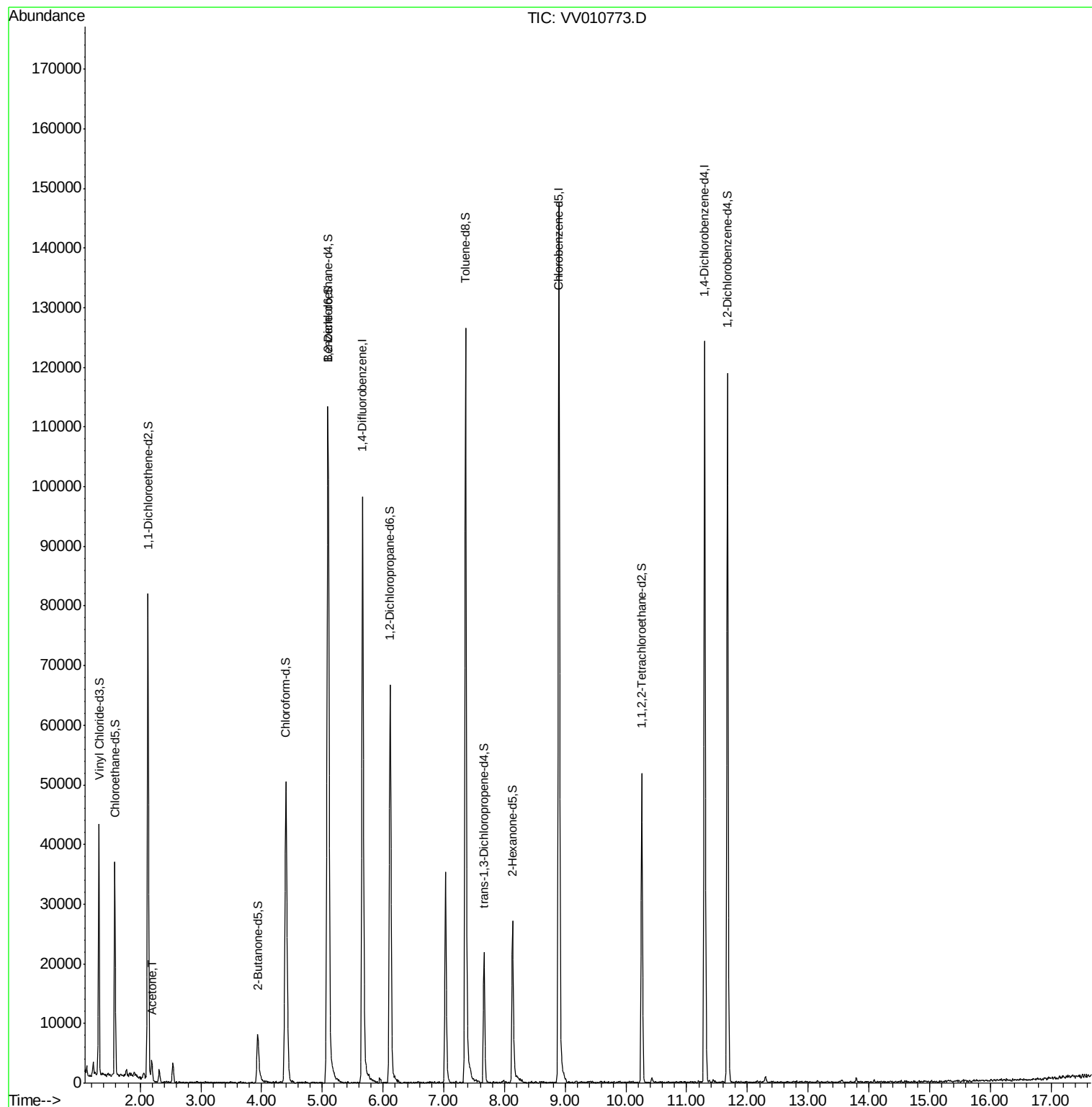
| Target Compounds |      |    |      |            | Ovalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.19 | 43 | 2234 | 3.709 ug/L | 96     |

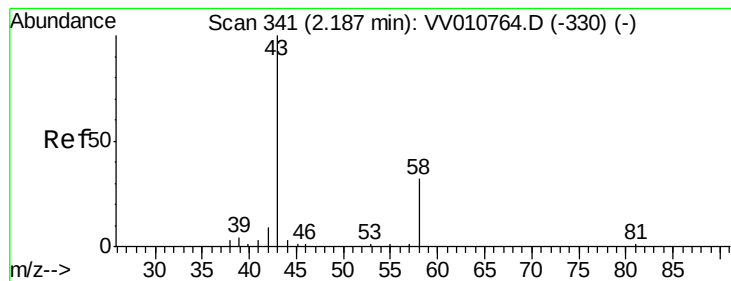
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13  
 Acetone  
 Concen: 3.709 ug/L  
 RT: 2.19 min Scan# 342  
 Delta R.T. 0.00 min  
 Lab File: VV010773.D  
 Acq: 09 May 2019 18:03

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Tot Ion: 43 Resp: 2234  
 Ion Ratio Lower Upper  
 43 100  
 58 29.7 0.0 63.4

