

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050219\  
 Data File : VV010647.D  
 Acq On : 03 May 2019 04:19  
 Operator : SY/MD  
 Sample : K2603-21  
 Misc : 5.00G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAJ73

Quant Time: May 03 07:53:15 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050219S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 03 03:59:48 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 74097    | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 74205    | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 34893    | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 7523     | 8.02     | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 32.08%  |
| 7) Chloroethane-d5             | 1.57   | 69    | 7592     | 11.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 46.24%  |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 17823    | 10.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 43.32%# |
| 20) 2-Butanone-d5              | 3.94   | 46    | 9713     | 34.03    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 68.06%  |
| 24) Chloroform-d               | 4.40   | 84    | 41247    | 21.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 86.20%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 25466    | 23.22    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.88%  |
| 29) Benzene-d6                 | 5.09   | 84    | 78543    | 20.43    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 81.72%  |
| 33) 1,2-Dichloropropane-d6     | 6.12   | 67    | 28225    | 23.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.84%  |
| 37) Toluene-d8                 | 7.36   | 98    | 71520    | 19.36    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 77.44%  |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 9203     | 18.90    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 75.60%  |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 7834     | 37.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.70%  |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 23972    | 22.58    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 90.32%  |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 29759    | 22.16    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 88.64%  |

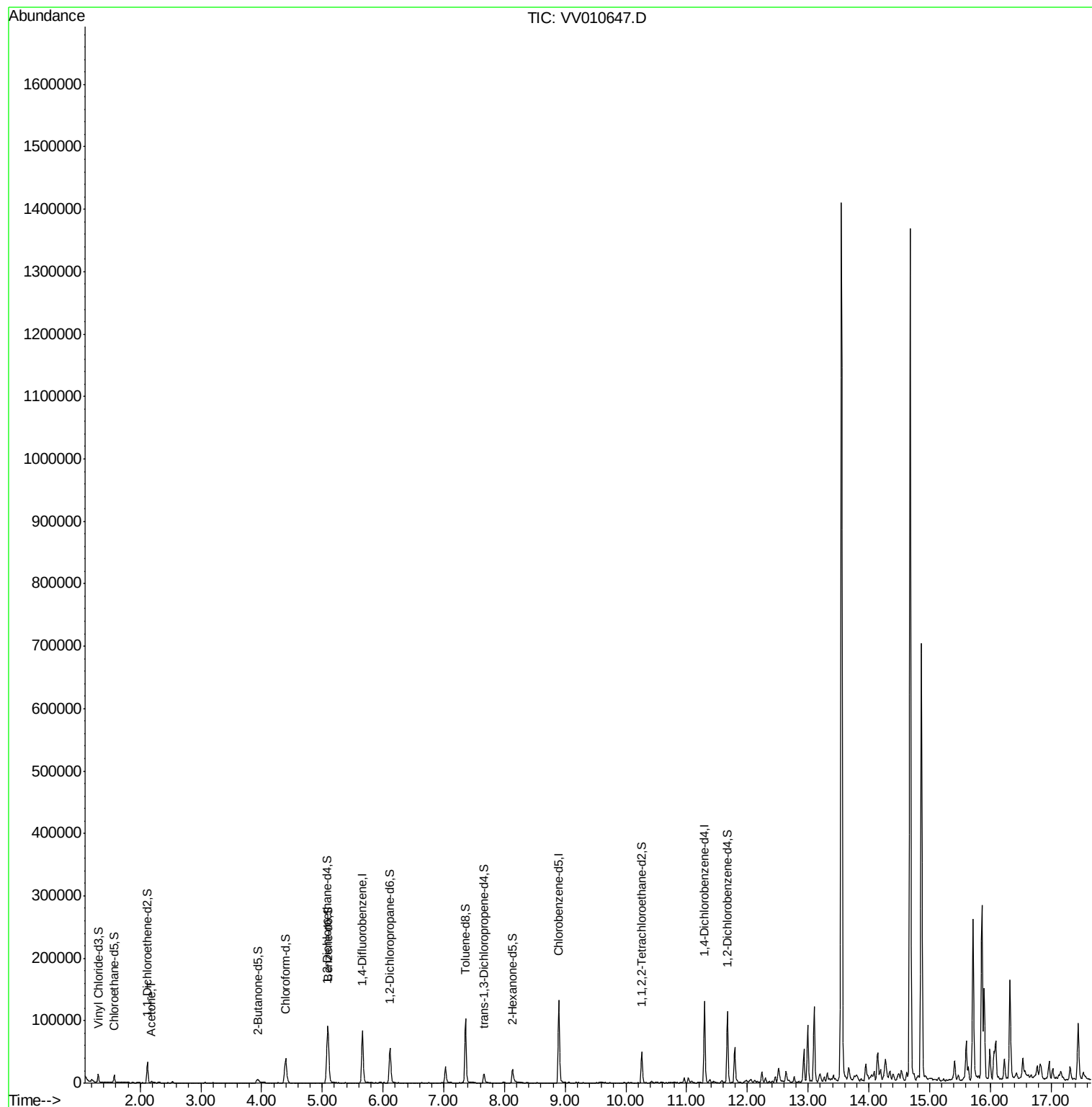
| Target Compounds |      |    |      |             | Ovalue |
|------------------|------|----|------|-------------|--------|
| 13) Acetone      | 2.19 | 43 | 2835 | 11.586 ug/L | 99     |

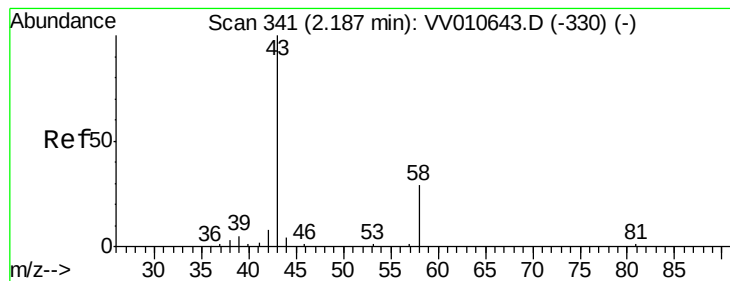
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.586 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010647.D

Acq: 03 May 2019 04:19

Instrument :  
MSVOA\_V  
ClientSampleId :  
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Tot Ion: 43 Resp: 2835

Ion Ratio Lower Upper

43 100

58 29.5 0.0 58.2

