

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042219\  
 Data File : VV010442.D  
 Acq On : 23 Apr 2019 07:45  
 Operator : SY/MD  
 Sample : K2481-10  
 Misc : 5.10G/10mL/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAHW3

Quant Time: Apr 23 08:26:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM042219S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 23 07:55:10 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 435013   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.89  | 117  | 401798   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.29 | 152  | 181734   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.31   | 65    | 74739    | 12.47    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 49.88% |
| 7) Chloroethane-d5             | 1.56   | 69    | 69906    | 15.00    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 60.00% |
| 10) 1,1-Dichloroethene-d2      | 2.12   | 63    | 139741   | 12.49    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 49.96% |
| 20) 2-Butanone-d5              | 3.93   | 46    | 62811    | 44.82    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 89.64% |
| 24) Chloroform-d               | 4.39   | 84    | 220480   | 20.74    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 82.96% |
| 26) 1,2-Dichloroethane-d4      | 5.07   | 65    | 139180   | 21.34    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 85.36% |
| 29) Benzene-d6                 | 5.09   | 84    | 394971   | 21.29    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 85.16% |
| 33) 1,2-Dichloropropane-d6     | 6.11   | 67    | 130275   | 23.81    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.24% |
| 37) Toluene-d8                 | 7.36   | 98    | 364984   | 19.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 76.40% |
| 38) trans-1,3-Dichloropropene- | 7.66   | 79    | 46423    | 17.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 68.92% |
| 39) 2-Hexanone-d5              | 8.13   | 63    | 48404    | 44.53    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 89.06% |
| 48) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 116999   | 21.94    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 87.76% |
| 61) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 145726   | 21.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 84.40% |

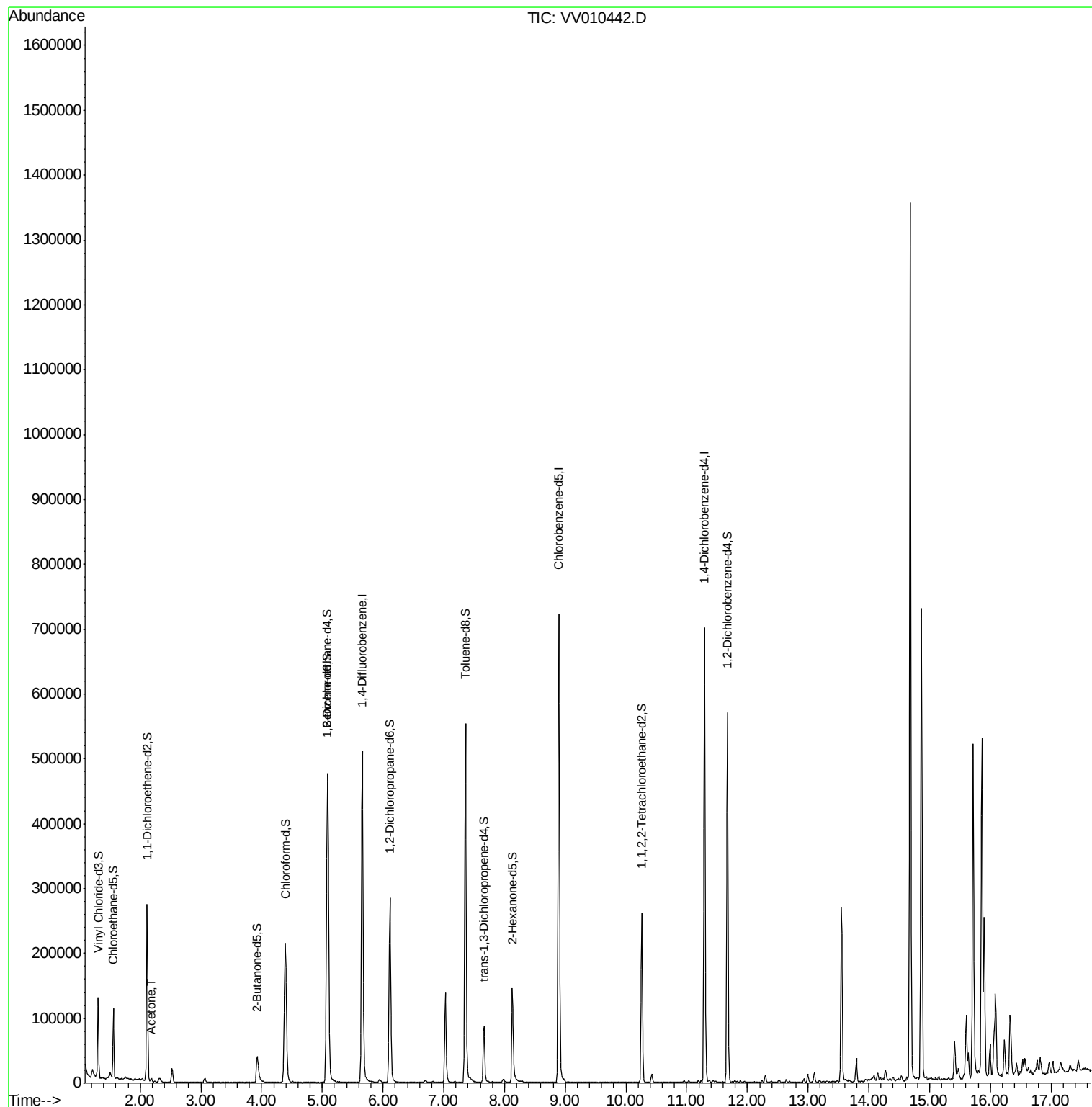
| Target Compounds |      |    |      | Ovalue        |
|------------------|------|----|------|---------------|
| 13) Acetone      | 2.19 | 43 | 3956 | 2.634 ug/L 90 |

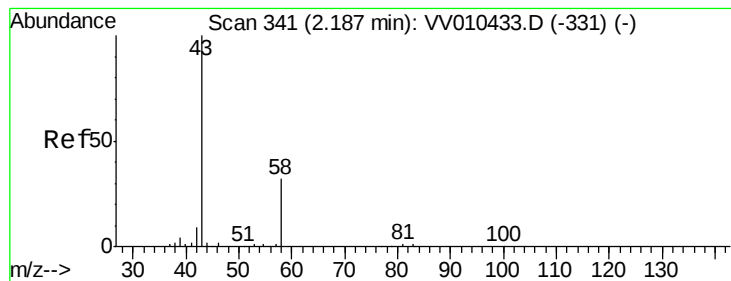
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042219\  
Data File : VV010442.D  
Acq On : 23 Apr 2019 07:45  
Operator : SY/MD  
Sample : K2481-10  
Misc : 5.10G/10mL/MSVOA V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
GAHW3

Quant Time: Apr 23 08:26:26 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM042219S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 23 07:55:10 2019  
Response via : Initial Calibration





#13  
 Acetone  
 Concen: 2.634 ug/L  
 RT: 2.19 min Scan# 342  
 Delta R.T. 0.00 min  
 Lab File: VV010442.D  
 Acq: 23 Apr 2019 07:45

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAHW3

Tot Ion: 43 Resp: 3956  
 Ion Ratio Lower Upper  
 43 100  
 58 27.5 0.0 66.4

