

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\  
 Data File : VW014631.D  
 Acq On : 14 Jan 2020 14:22  
 Operator : SY/VA  
 Sample : L1109-12  
 Misc : 5.01G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GASH1

Quant Time: Jan 15 02:19:29 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 15 01:48:42 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1322239  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 1184094  | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 572273   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 398031   | 21.35    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 85.40%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 313564   | 22.83    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 91.32%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 576675   | 16.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 67.64%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 196137   | 44.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 88.44%  |
| 24) Chloroform-d               | 7.64   | 84    | 699421   | 22.99    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 91.96%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 374379   | 23.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 94.88%  |
| 29) Benzene-d6                 | 8.27   | 84    | 1526333  | 24.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 96.96%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 465139   | 24.57    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 98.28%  |
| 37) Toluene-d8                 | 10.32  | 98    | 1393185  | 24.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 97.64%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 183052   | 23.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 93.64%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 155085   | 47.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 95.82%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 349114   | 24.56    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 98.24%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 480146   | 25.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 101.84% |

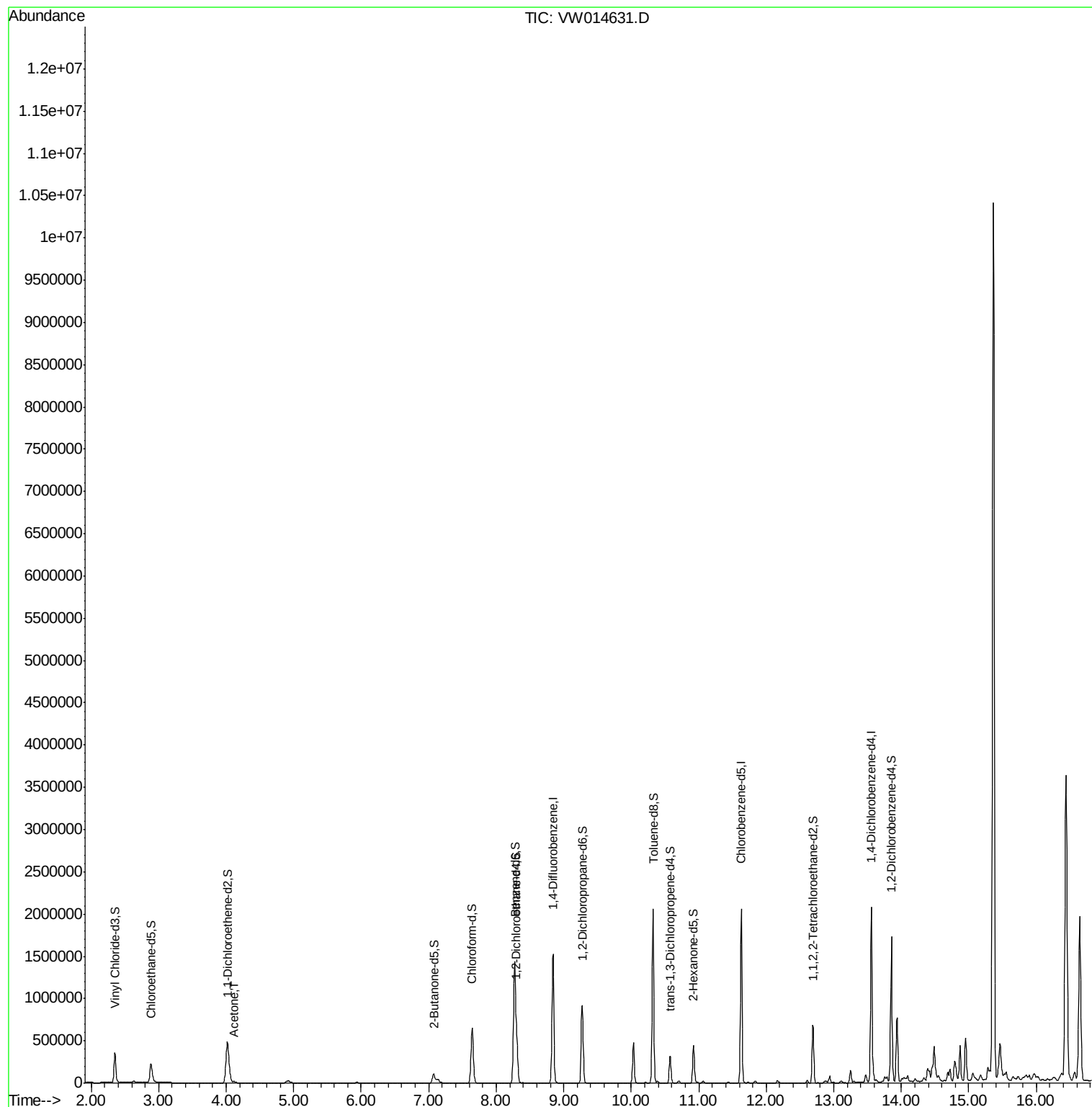
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 20862 | 3.397 ug/L | 99     |

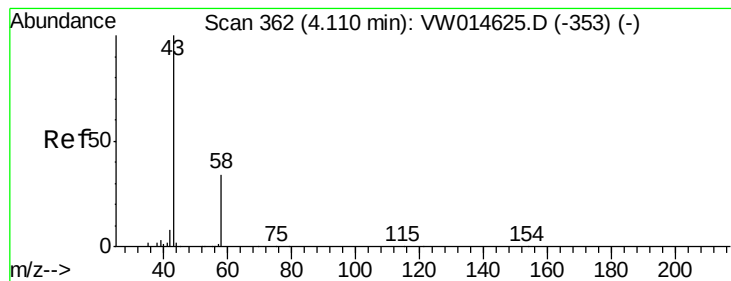
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Wed Jan 15 01:48:42 2020  
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#13  
 Acetone  
 Concen: 3.397 ug/L  
 RT: 4.12 min Scan# 363  
 Delta R.T. 0.01 min  
 Lab File: VW014631.D  
 Acq: 14 Jan 2020 14:22

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GASH1

Tot Ion: 43 Resp: 20862  
 Ion Ratio Lower Upper  
 43 100  
 58 32.6 0.0 64.0

