

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\  
 Data File : VW014637.D  
 Acq On : 14 Jan 2020 17:06  
 Operator : SY/VA  
 Sample : L1109-13  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GASH2

Quant Time: Jan 15 02:39:59 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  | 1018551  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 925600   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 408660   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 331592   | 23.09    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.36%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 266448   | 25.19    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 100.76% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 478724   | 18.23    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 72.92%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 169191   | 49.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 99.04%  |
| 24) Chloroform-d               | 7.65   | 84    | 598780   | 25.55    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.20% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 320900   | 26.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 105.56% |
| 29) Benzene-d6                 | 8.27   | 84    | 1293839  | 26.29    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 105.16% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 401493   | 27.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 108.52% |
| 37) Toluene-d8                 | 10.32  | 98    | 1164507  | 26.10    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 104.40% |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 158585   | 25.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 103.76% |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 131811   | 52.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 104.18% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 297185   | 26.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 106.96% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 389306   | 28.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 115.64% |

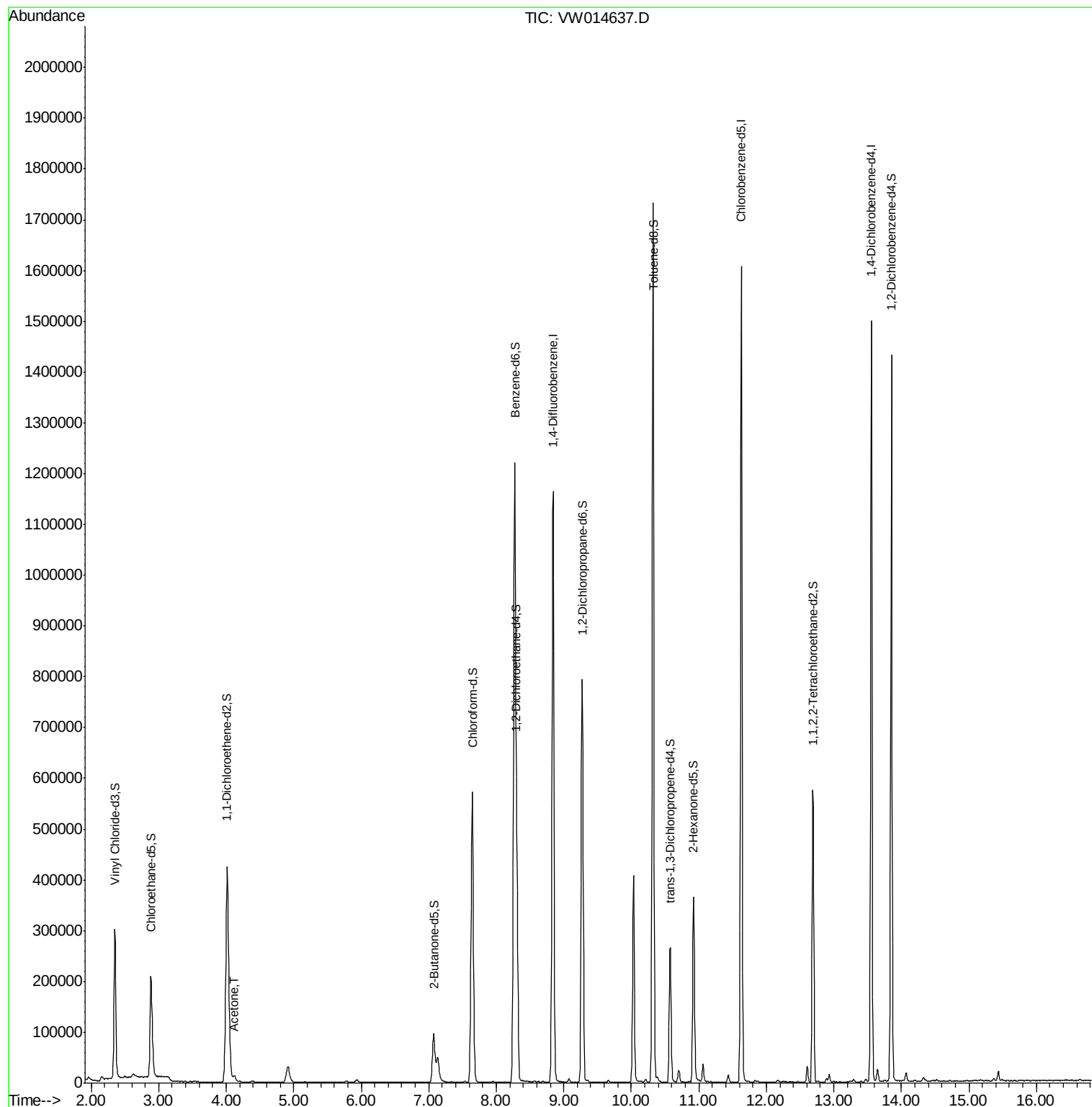
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 18639 | 3.940 ug/L | 97     |

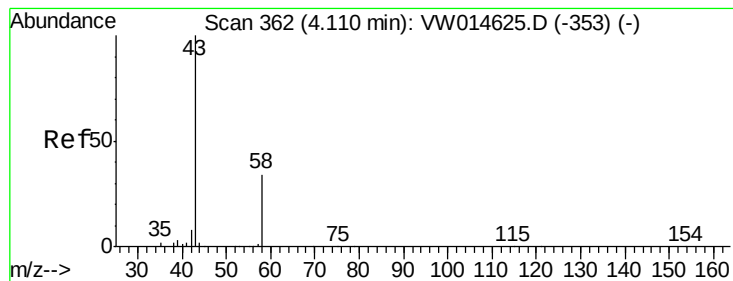
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13  
 Acetone  
 Concen: 3.940 ug/L  
 RT: 4.12 min Scan# 364  
 Delta R.T. 0.01 min  
 Lab File: VW014637.D  
 Acq: 14 Jan 2020 17:06

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GASH2

Tot Ion: 43 Resp: 18639  
 Ion Ratio Lower Upper  
 43 100  
 58 33.8 0.0 64.0

