

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121319\  
 Data File : VW014357.D  
 Acq On : 13 Dec 2019 18:34  
 Operator : SY/VA  
 Sample : K6277-16  
 Misc : 4.88G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0C55

Manual Integrations  
 APPROVED

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Quant Time: Dec 14 06:01:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Dec 14 04:28:18 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 1019512  | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 770503   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.55 | 152  | 192231   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 327829   | 21.23    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 84.92%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 269774   | 23.50    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 94.00%   |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 448446m  | 16.45    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 65.80%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 167124   | 41.54    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.08%   |
| 24) Chloroform-d               | 7.64   | 84    | 663283   | 25.55    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 102.20%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 324398   | 23.84    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 95.36%   |
| 29) Benzene-d6                 | 8.27   | 84    | 1340228  | 29.68    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 118.72%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 431230   | 31.04    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 124.16%# |
| 37) Toluene-d8                 | 10.32  | 98    | 1077878  | 26.40    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 105.60%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 112671   | 19.33    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 77.32%   |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 121292   | 43.91    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.82%   |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 277991   | 24.55    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 98.20%   |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 227191   | 30.93    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 123.72%# |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 4.12 | 43 | 20106 | 5.184 ug/L | 66     |

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

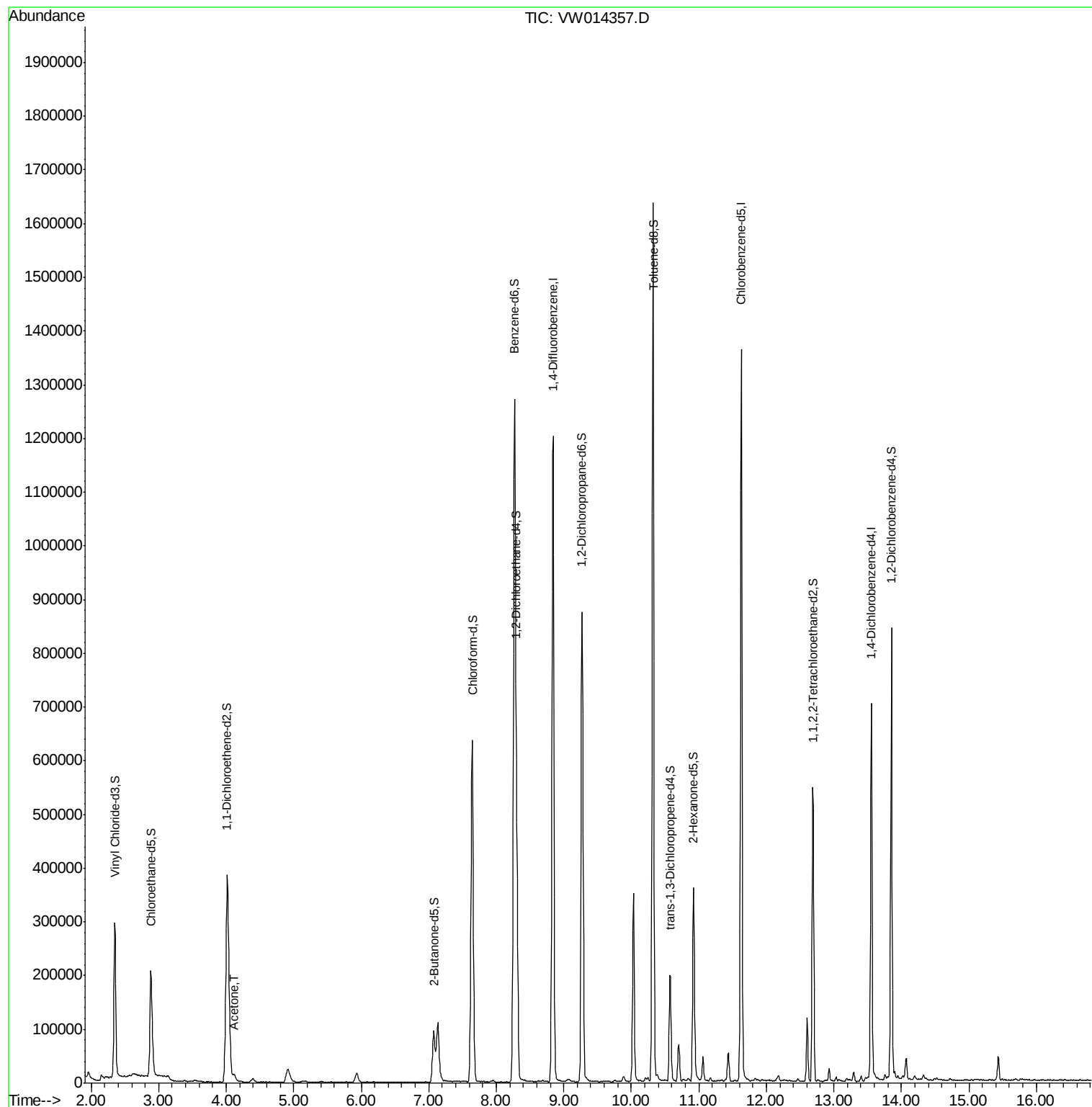
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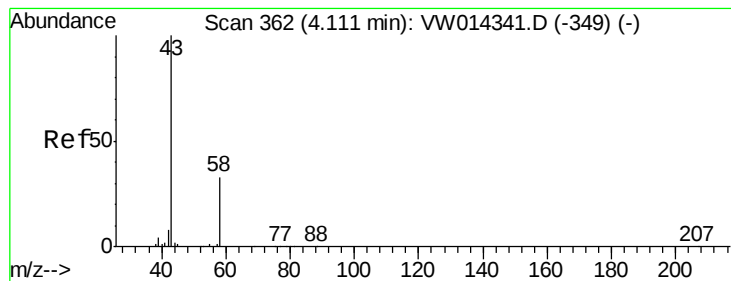
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QLast Update : Sat Dec 14 04:28:18 2019  
Response via : Initial Calibration





#13

Acetone

Concen: 5.184 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014357.D

Acq: 13 Dec 2019 18:34

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0C55

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 13.5  | 0.0   | 65.4  |

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