

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032520\  
 Data File : VW015137.D  
 Acq On : 25 Mar 2020 15:44  
 Operator : SY/VA  
 Sample : L1986-02  
 Misc : 5.05G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF6T1

Manual Integrations  
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Quant Time: Mar 26 05:34:13 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM032520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 26 05:02:00 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 496840   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 404698   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 105481   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 233096   | 27.17    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 108.68%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 202125   | 28.57    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 114.28%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 342776   | 19.88    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 79.52%   |
| 20) 2-Butanone-d5              | 7.08   | 46    | 129010   | 66.06    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 132.12%  |
| 24) Chloroform-d               | 7.65   | 84    | 406230   | 27.36    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 109.44%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 258651m  | 30.08    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 120.32%  |
| 29) Benzene-d6                 | 8.27   | 84    | 792580   | 30.60    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 122.40%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 274329   | 31.88    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 127.52%# |
| 37) Toluene-d8                 | 10.32  | 98    | 616712   | 27.93    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 111.72%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 96644    | 29.35    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 117.40%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 82809    | 65.16    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 130.32%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 170227   | 28.93    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 115.72%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 107463   | 29.28    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 117.12%  |

| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 4.13 | 43 | 15346 | 8.804 ug/L 76 |

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

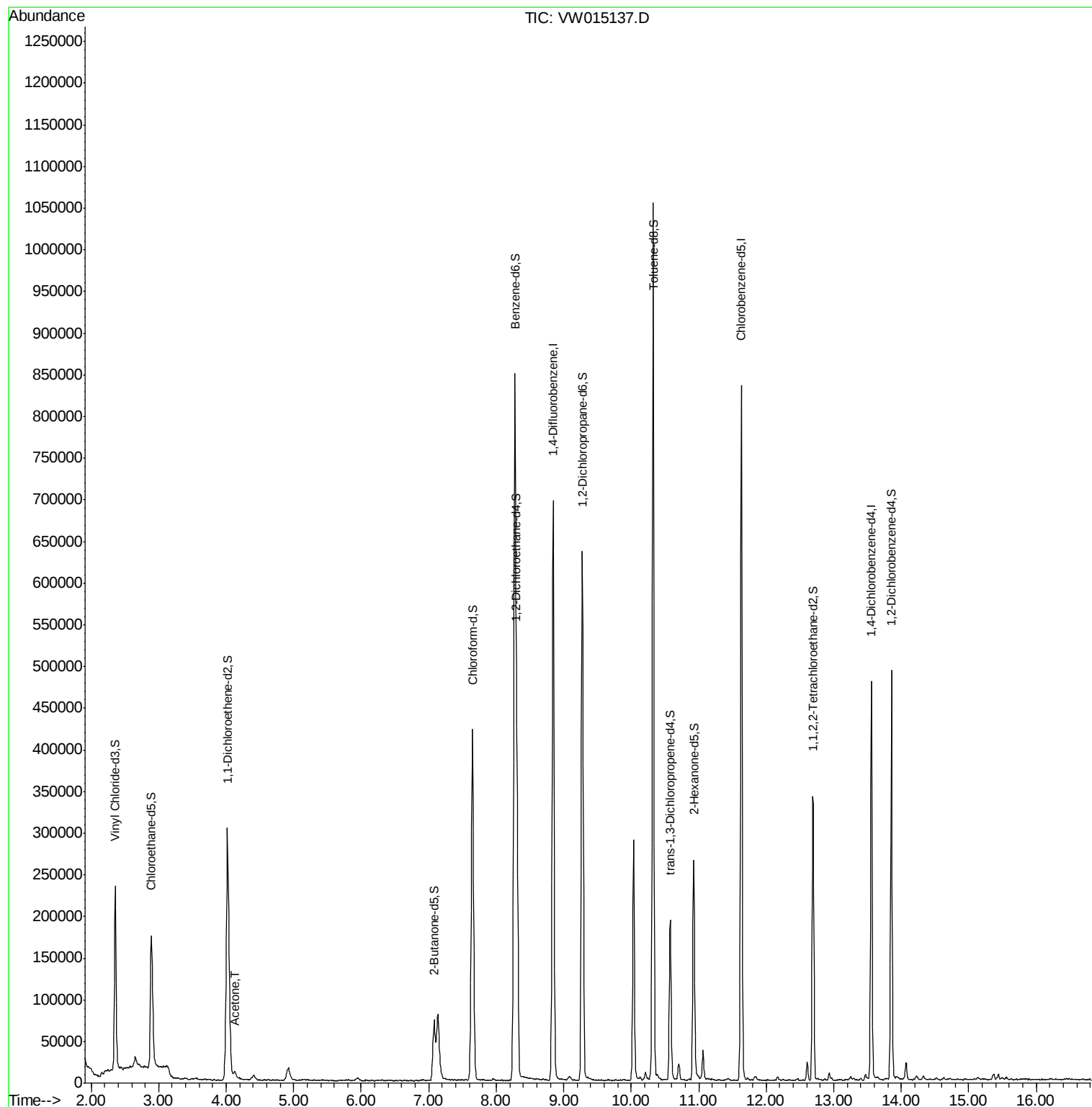
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032520\  
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ALS Vial : 1 Sample Multiplier: 1

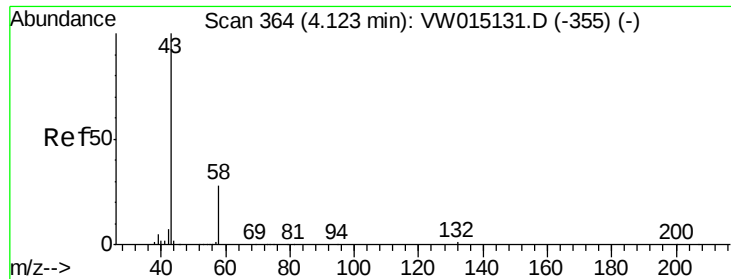
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Quant Time: Mar 26 05:34:13 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM032520S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Mar 26 05:02:00 2020  
Response via : Initial Calibration





#13  
 Acetone  
 Concen: 8.804 ug/L  
 RT: 4.13 min Scan# 365  
 Delta R.T. 0.01 min  
 Lab File: VW015137.D  
 Acq: 25 Mar 2020 15:44

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 14.9  | 0.0   | 54.4  |

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