

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021020\  
 Data File : VW014934.D  
 Acq On : 10 Feb 2020 11:21  
 Operator : SY/VA  
 Sample : L1386-07  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

Manual Integrations  
 APPROVED

MMDadoda  
 2/11/2020 6:10:07 PM

Quant Time: Feb 11 00:45:53 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Feb 11 00:31:29 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 756102   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 698765   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 267932   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 327029   | 26.13    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 104.52% |
| 7) Chloroethane-d5             | 2.89   | 69    | 260343   | 25.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 103.92% |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 461376m  | 20.17    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 80.68%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 171120   | 48.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 97.42%  |
| 24) Chloroform-d               | 7.65   | 84    | 589493   | 27.46    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 109.84% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 335658   | 28.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 113.00% |
| 29) Benzene-d6                 | 8.27   | 84    | 1174829  | 26.14    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 104.56% |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 397678   | 27.16    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 108.64% |
| 37) Toluene-d8                 | 10.32  | 98    | 985151   | 24.91    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 99.64%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 138649   | 23.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 95.92%  |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 116450   | 43.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 87.26%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 266686   | 24.18    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 96.72%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 274085   | 26.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 105.52% |

| Target Compounds |      |    |       | Ovalue        |
|------------------|------|----|-------|---------------|
| 13) Acetone      | 4.13 | 43 | 17547 | 4.839 ug/L 89 |

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

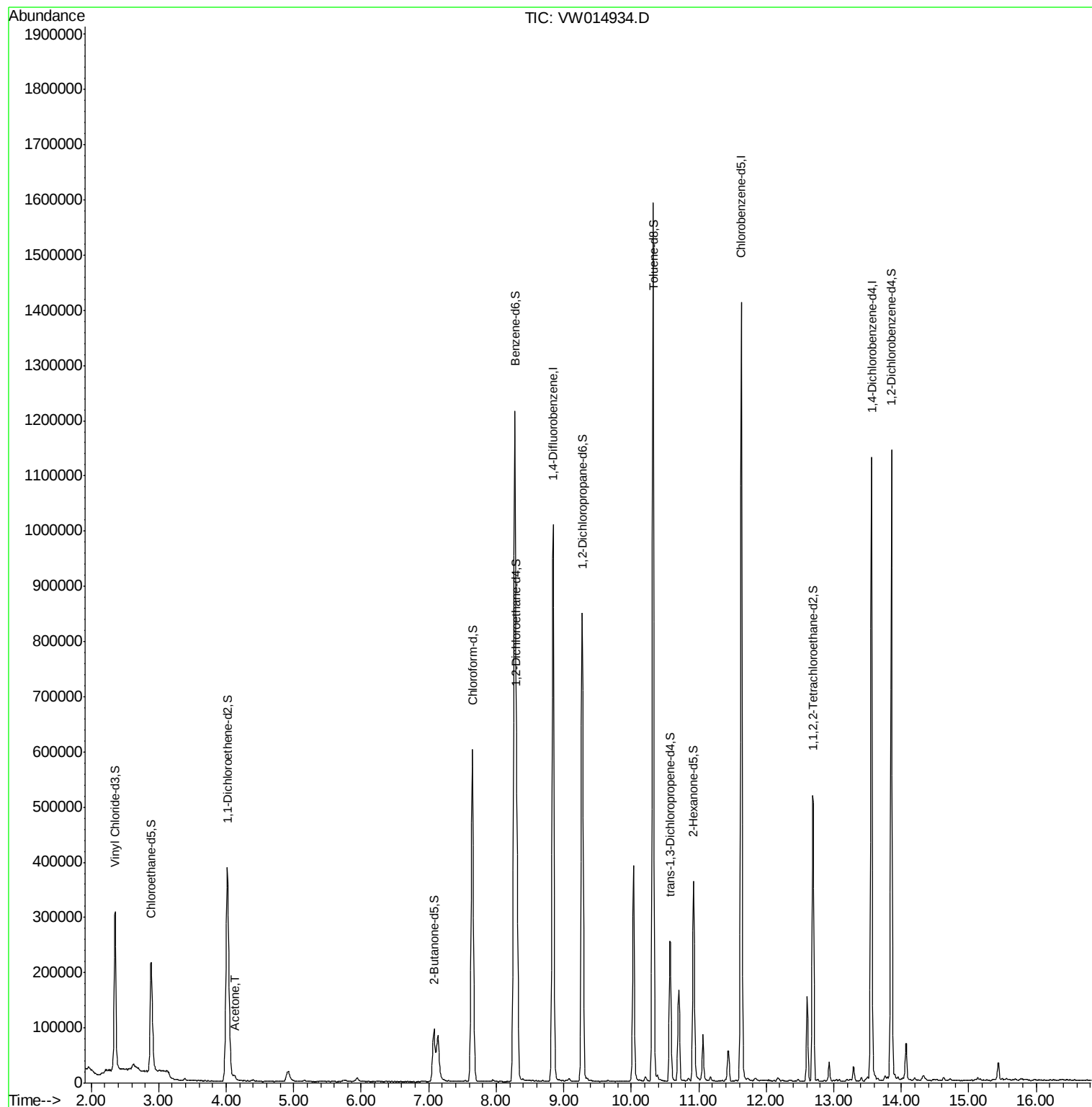
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021020\  
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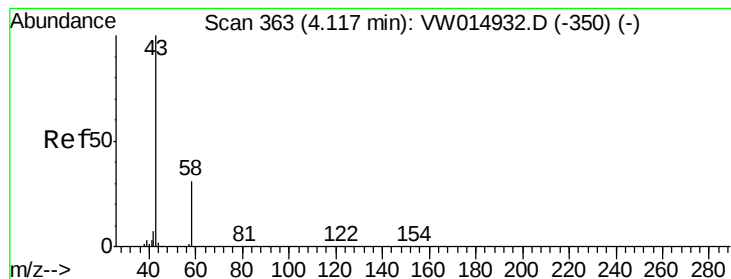
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MSVOA\_W  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM020520S.M  
Quant Title : VOC Analysis  
QLast Update : Tue Feb 11 00:31:29 2020  
Response via : Initial Calibration





#13

Acetone

Concen: 4.839 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW014934.D

Acq: 10 Feb 2020 11:21

Instrument :

MSVOA\_W

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 17547

Ion Ratio Lower Upper

43 100

58 24.4 0.0 60.4

Manual Integrations

APPROVED

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