

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091120\  
 Data File : VW016551.D  
 Acq On : 11 Sep 2020 15:51  
 Operator : SY/VA  
 Sample : VIBLK22  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK22

Manual Integrations  
 APPROVED

MMDadoda  
 9/14/2020 10:27:46 AM

Quant Time: Sep 12 08:15:02 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 12 07:12:32 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 572126   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 497711   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 220683   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.37   | 65    | 120379   | 19.83    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 79.32% |
| 7) Chloroethane-d5             | 2.90   | 69    | 129828   | 23.82    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 95.28% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 210305   | 15.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 60.28% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 81271    | 37.49    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 74.98% |
| 24) Chloroform-d               | 7.65   | 84    | 297940   | 22.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.92% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 163326m  | 22.29    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 89.16% |
| 29) Benzene-d6                 | 8.28   | 84    | 579510   | 22.90    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 91.60% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 166874   | 22.45    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 89.80% |
| 37) Toluene-d8                 | 10.33  | 98    | 549774   | 22.86    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 91.44% |
| 38) trans-1,3-Dichloropropene- | 10.59  | 79    | 72425    | 19.31    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 77.24% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 61899    | 40.74    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.48% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 137192   | 21.82    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 87.28% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 178238   | 23.37    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 93.48% |

| Target Compounds       |      |    |        |       | Ovalue |
|------------------------|------|----|--------|-------|--------|
| 16) Methylene chloride | 4.93 | 84 | 10626m | 1.190 | ug/L   |

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

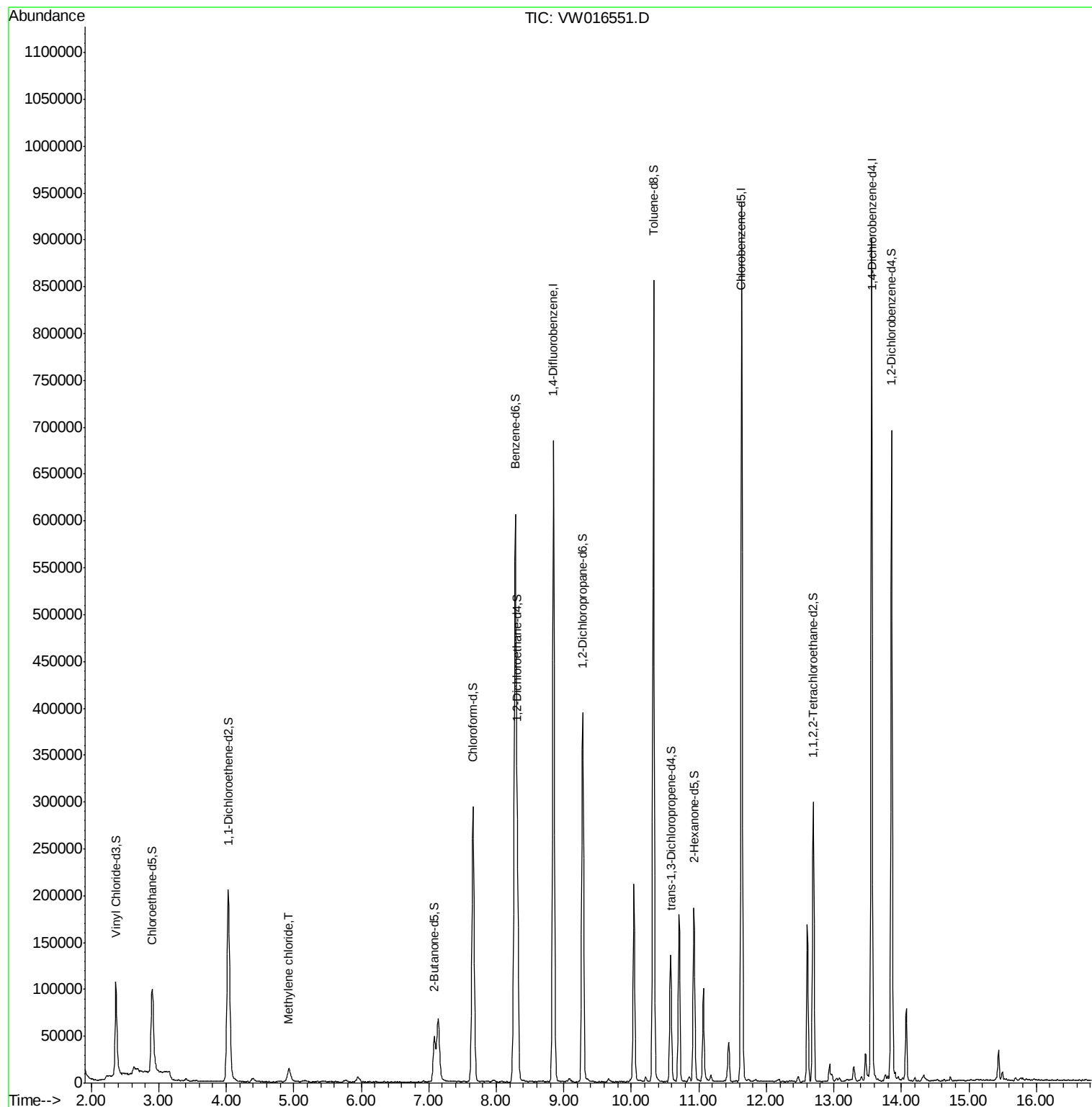
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Misc : 5.00G/10ML/MSVOA W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

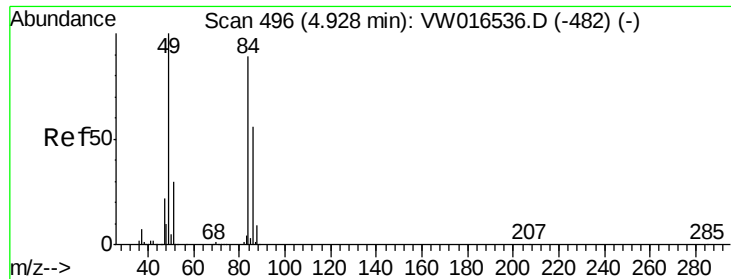
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Quant Time: Sep 12 08:15:02 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Sep 12 07:12:32 2020  
Response via : Initial Calibration





#16  
Methvlene chloride  
Concen: 1.190 ug/L m  
RT: 4.93 min Scan# 496  
Delta R.T. -0.00 min  
Lab File: VW016551.D  
Acq: 11 Sep 2020 15:51

Instrument :  
MSVOA\_W  
ClientSampleId :  
VIBLK22

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 104.3 | 86.7  | 160.9 |
| 86      | 50.3  | 44.9  | 83.5  |

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