

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\  
 Data File : VW017409.D  
 Acq On : 20 Nov 2020 12:04  
 Operator : SY/VA  
 Sample : L4794-01  
 Misc : 4.76G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AY0

Manual Integrations  
 APPROVED

MMDadoda  
 11/23/2020 12:51:52 PM

Quant Time: Nov 21 00:57:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Nov 21 00:30:34 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 386666   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 338083   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 149739   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 128848   | 22.51    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 90.04% |
| 7) Chloroethane-d5             | 2.89   | 69    | 105035   | 23.10    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 92.40% |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 166695   | 16.65    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 66.60% |
| 20) 2-Butanone-d5              | 7.08   | 46    | 31460    | 33.46    | ug/L | -0.01  |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 66.92% |
| 24) Chloroform-d               | 7.65   | 84    | 225977   | 22.25    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.00% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 105723   | 21.54    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 86.16% |
| 29) Benzene-d6                 | 8.28   | 84    | 446036   | 23.40    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.60% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 120057   | 23.65    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 94.60% |
| 37) Toluene-d8                 | 10.32  | 98    | 421218   | 23.48    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 93.92% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 45348    | 20.51    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 82.04% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 23900    | 35.10    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 70.20% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 77700    | 20.19    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 80.76% |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 128324   | 23.21    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 92.84% |

| Target Compounds       |      |    |        | Ovalue     |
|------------------------|------|----|--------|------------|
| 16) Methylene chloride | 4.92 | 84 | 11328m | 1.713 ug/L |

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

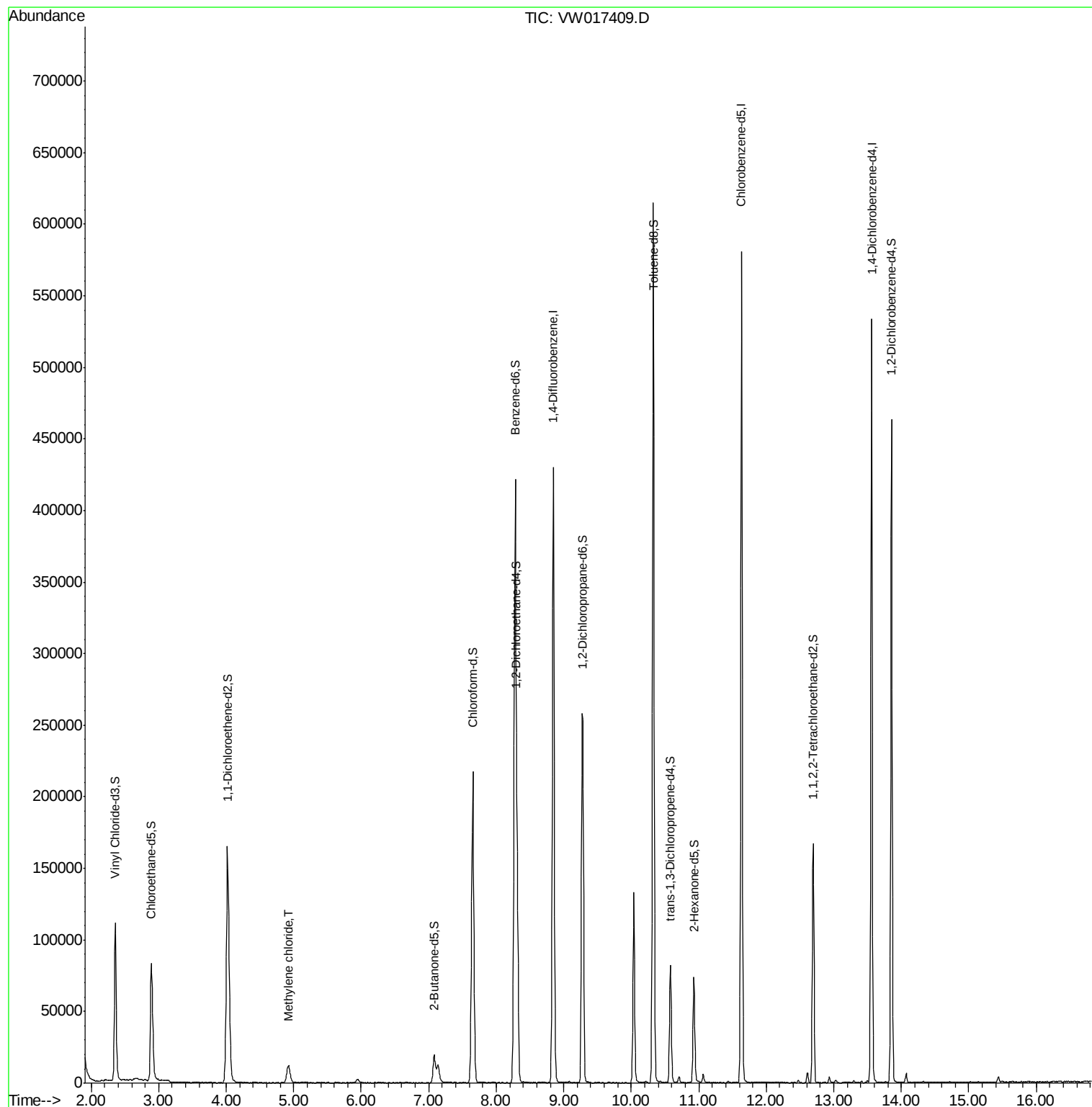
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW112020\  
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ALS Vial : 1 Sample Multiplier: 1

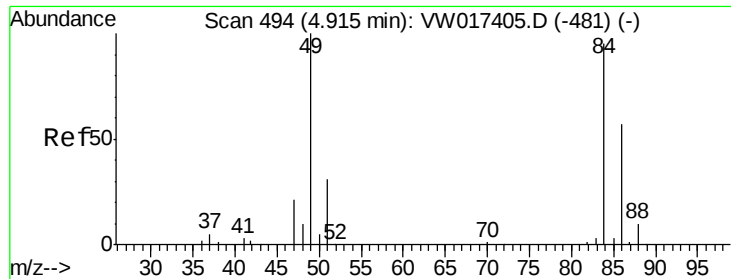
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Quant Time: Nov 21 00:57:50 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111820S.M  
Quant Title : VOC Analysis  
QLast Update : Sat Nov 21 00:30:34 2020  
Response via : Initial Calibration





#16  
Methvlene chloride  
Concen: 1.713 ug/L m  
RT: 4.92 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: VW017409.D  
Acq: 20 Nov 2020 12:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AY0

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 84    | Resp: | 11328 |
| Ion Ratio | Lower | Upper |       |
| 84        | 100   |       |       |
| 49        | 118.2 | 71.5  | 132.9 |
| 86        | 61.5  | 42.8  | 79.4  |

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