

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100720\  
 Data File : VW016805.D  
 Acq On : 06 Oct 2020 20:21  
 Operator : SY/VA  
 Sample : L4203-07  
 Misc : 5.02G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK02

Manual Integrations  
 APPROVED

MMDadoda  
 10/8/2020 5:38:25 PM

Quant Time: Oct 07 04:23:32 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100720S.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 07 03:05:19 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 519317   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 469384   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 223213   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 114653   | 22.38    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.52% |
| 7) Chloroethane-d5             | 2.90   | 69    | 95668    | 22.26    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 89.04% |
| 10) 1,1-Dichloroethene-d2      | 4.03   | 63    | 173798   | 15.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.92% |
| 20) 2-Butanone-d5              | 7.09   | 46    | 49072    | 42.29    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 84.58% |
| 24) Chloroform-d               | 7.65   | 84    | 241930   | 22.08    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.32% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 122683   | 23.18    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 92.72% |
| 29) Benzene-d6                 | 8.28   | 84    | 497548   | 23.34    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 93.36% |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 133388   | 23.28    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 93.12% |
| 37) Toluene-d8                 | 10.33  | 98    | 463717   | 23.05    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 92.20% |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 54885    | 21.72    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 86.88% |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 39733    | 44.85    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 89.70% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 102897   | 22.23    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 88.92% |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 168343   | 23.78    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 95.12% |

| Target Compounds       |      |    |       | Ovalue     |
|------------------------|------|----|-------|------------|
| 16) Methylene chloride | 4.93 | 84 | 7628m | 1.064 ug/L |

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

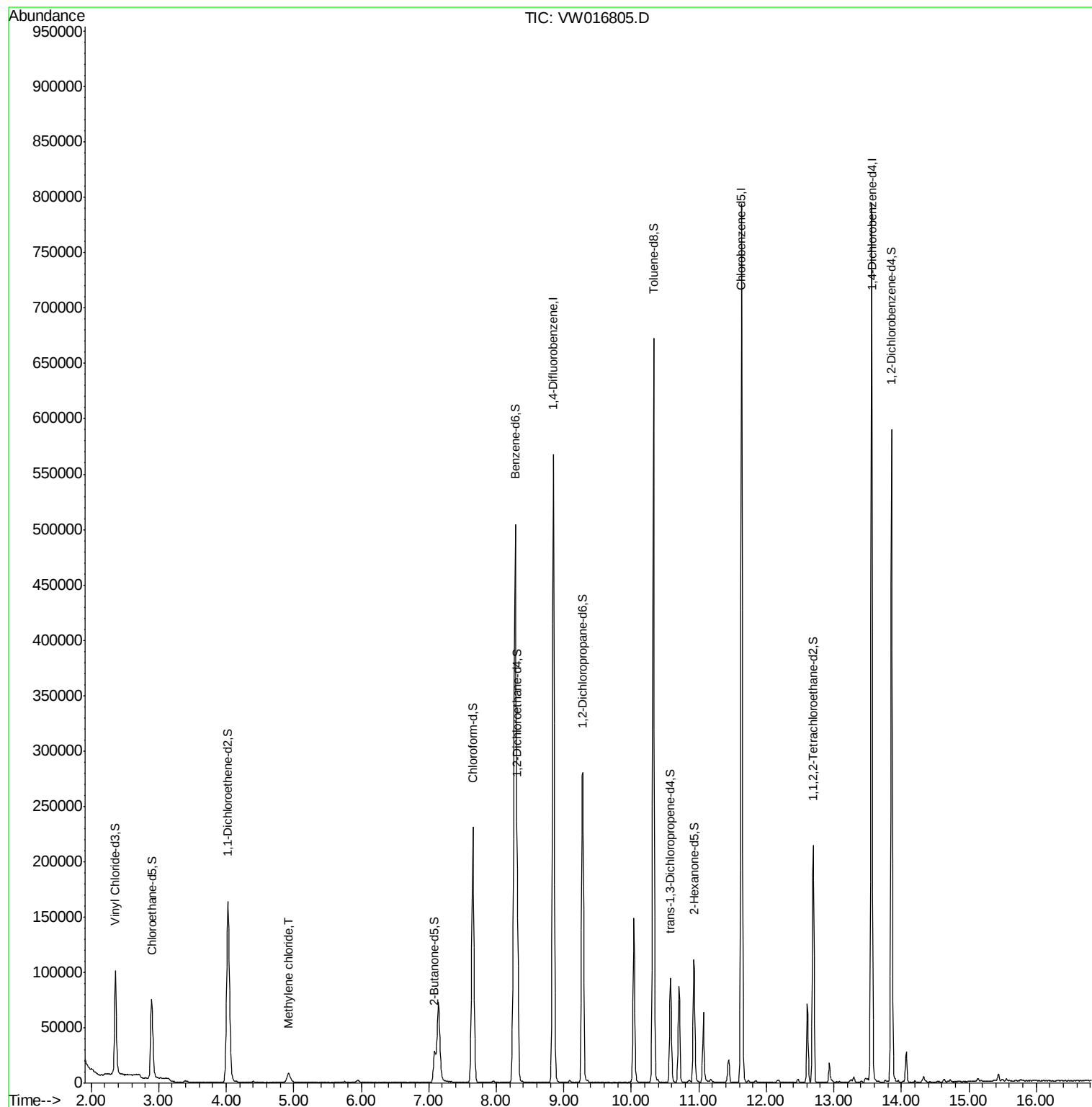
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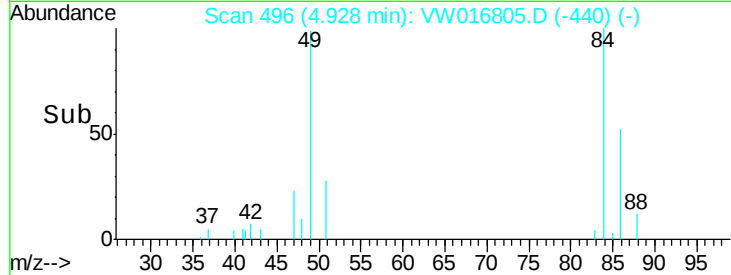
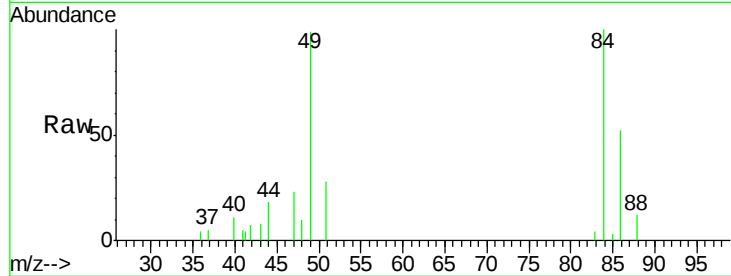
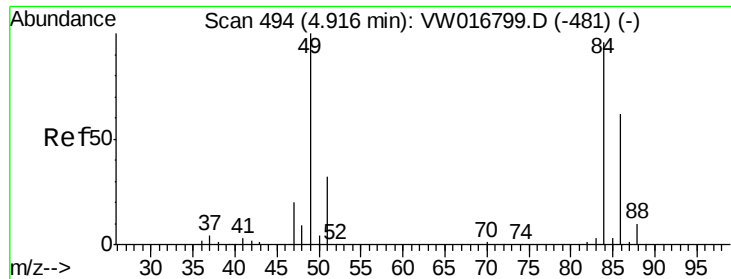
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QLast Update : Wed Oct 07 03:05:19 2020  
Response via : Initial Calibration





#16  
Methvlene chloride  
Concen: 1.064 ug/L m  
RT: 4.93 min Scan# 496  
Delta R.T. 0.01 min  
Lab File: VW016805.D  
Acq: 06 Oct 2020 20:21

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 84    | Resp: | 7628  |
| Ion Ratio | Lower | Upper |       |
| 84        | 100   |       |       |
| 49        | 98.7  | 73.1  | 135.8 |
| 86        | 51.5  | 46.0  | 85.4  |

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