

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040619\  
 Data File : VW009789.D  
 Acq On : 07 Apr 2019 00:19  
 Operator : SY/VA  
 Sample : K2217-11  
 Misc : 2.41G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF601

Manual Integrations  
 APPROVED

MMDadoda  
 4/11/2019 11:43:19 AM

Quant Time: Apr 08 00:02:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Quant Title : VOC Analysis  
 QLast Update : Sun Apr 07 05:36:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 450221   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 404722   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 128907   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.36   | 65    | 150182   | 25.49    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 101.96%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 148871   | 27.58    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 110.32%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 267928   | 21.15    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 84.60%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 126667   | 66.22    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 132.44%  |
| 24) Chloroform-d               | 7.64   | 84    | 383495   | 31.22    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 124.88%  |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 256615m  | 34.02    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 136.08%# |
| 29) Benzene-d6                 | 8.27   | 84    | 708691   | 33.36    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 133.44%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 225643   | 34.39    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 137.56%# |
| 37) Toluene-d8                 | 10.32  | 98    | 602584   | 30.68    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 122.72%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 92788    | 29.65    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 118.60%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 79749    | 64.48    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 128.96%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 181391   | 29.73    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 118.92%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 147292   | 32.56    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 130.24%# |

| Target Compounds       |      |    |        | Ovalue     |
|------------------------|------|----|--------|------------|
| 16) Methylene chloride | 4.92 | 84 | 10079m | 1.269 ug/L |

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

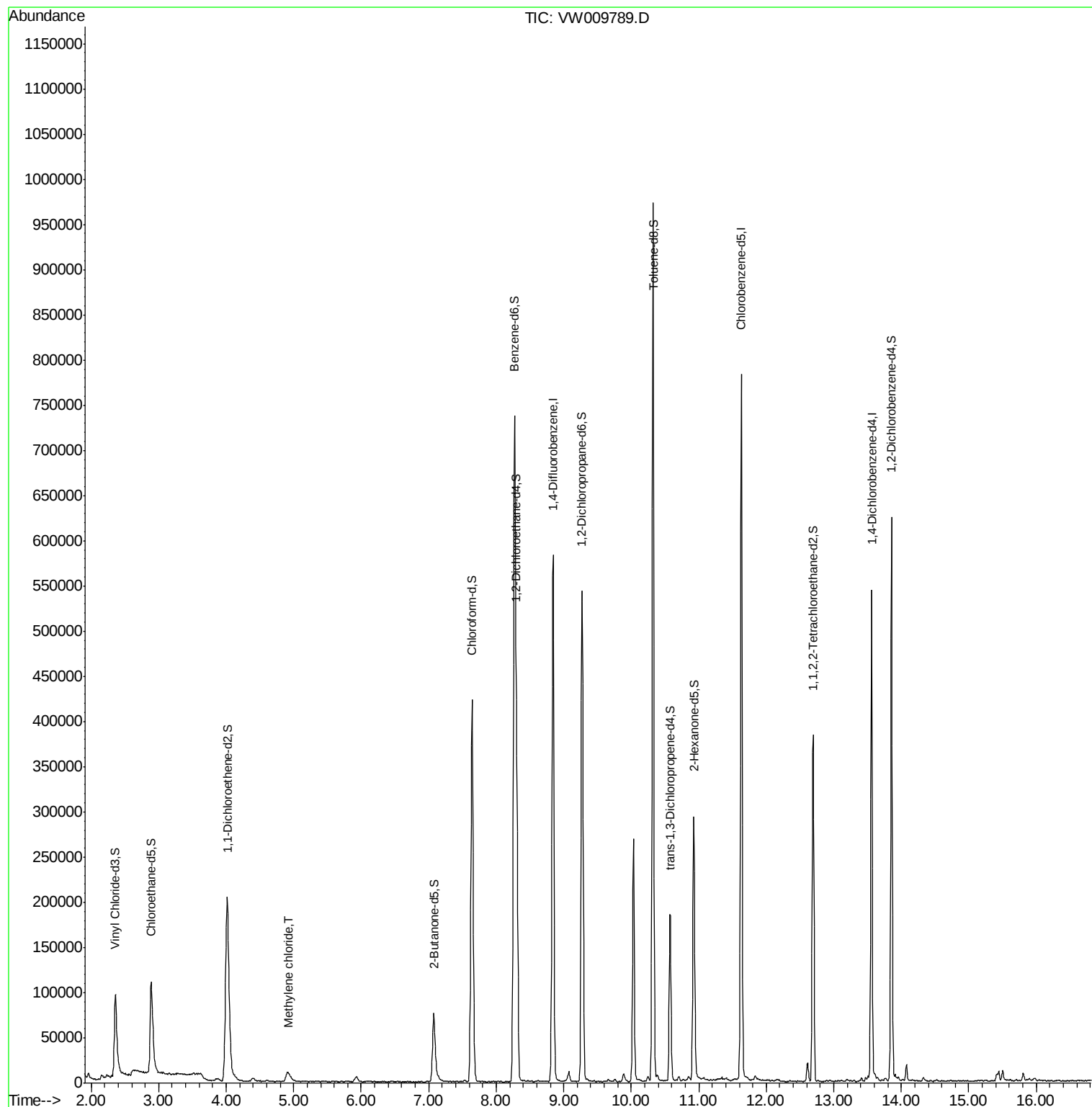
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ALS Vial : 1 Sample Multiplier: 1

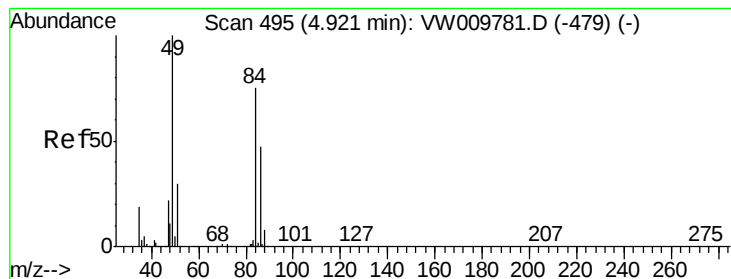
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis  
QLast Update : Sun Apr 07 05:36:41 2019  
Response via : Initial Calibration





#16  
Methvlene chloride  
Concen: 1.269 ug/L m  
RT: 4.92 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: VW009789.D  
Acq: 07 Apr 2019 00:19

Instrument :  
MSVOA\_W  
ClientSampleId :  
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| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 134.6 | 98.3  | 182.5 |
| 86      | 66.6  | 46.4  | 86.2  |

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