

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW032819\  
 Data File : VW009545.D  
 Acq On : 28 Mar 2019 18:24  
 Operator : SY/VA  
 Sample : K2084-19  
 Misc : 5.15G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF7W1

Manual Integrations  
 APPROVED

MMDadoda  
 4/1/2019 4:06:10 AM

Quant Time: Mar 29 07:26:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 29 05:35:33 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 419091   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 410189   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 178458   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 150578   | 30.07    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 120.28% |
| 7) Chloroethane-d5             | 2.89   | 69    | 140893   | 24.04    | ug/L | 0.02    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 96.16%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 228532   | 21.11    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 84.44%  |
| 20) 2-Butanone-d5              | 7.07   | 46    | 79683    | 38.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 76.94%  |
| 24) Chloroform-d               | 7.65   | 84    | 290374   | 25.39    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 101.56% |
| 26) 1,2-Dichloroethane-d4      | 8.30   | 65    | 174597   | 25.34    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 101.36% |
| 29) Benzene-d6                 | 8.27   | 84    | 559103   | 24.72    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 98.88%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 164764   | 24.25    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 97.00%  |
| 37) Toluene-d8                 | 10.32  | 98    | 502304   | 24.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 96.04%  |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 70525    | 20.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 82.68%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 57971    | 35.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 70.46%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 135215   | 20.21    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 80.84%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 174397   | 25.49    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 101.96% |

| Target Compounds       |      |    |        |       | Qvalue |
|------------------------|------|----|--------|-------|--------|
| 16) Methylene chloride | 4.91 | 84 | 42594m | 6.969 | ug/L   |

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

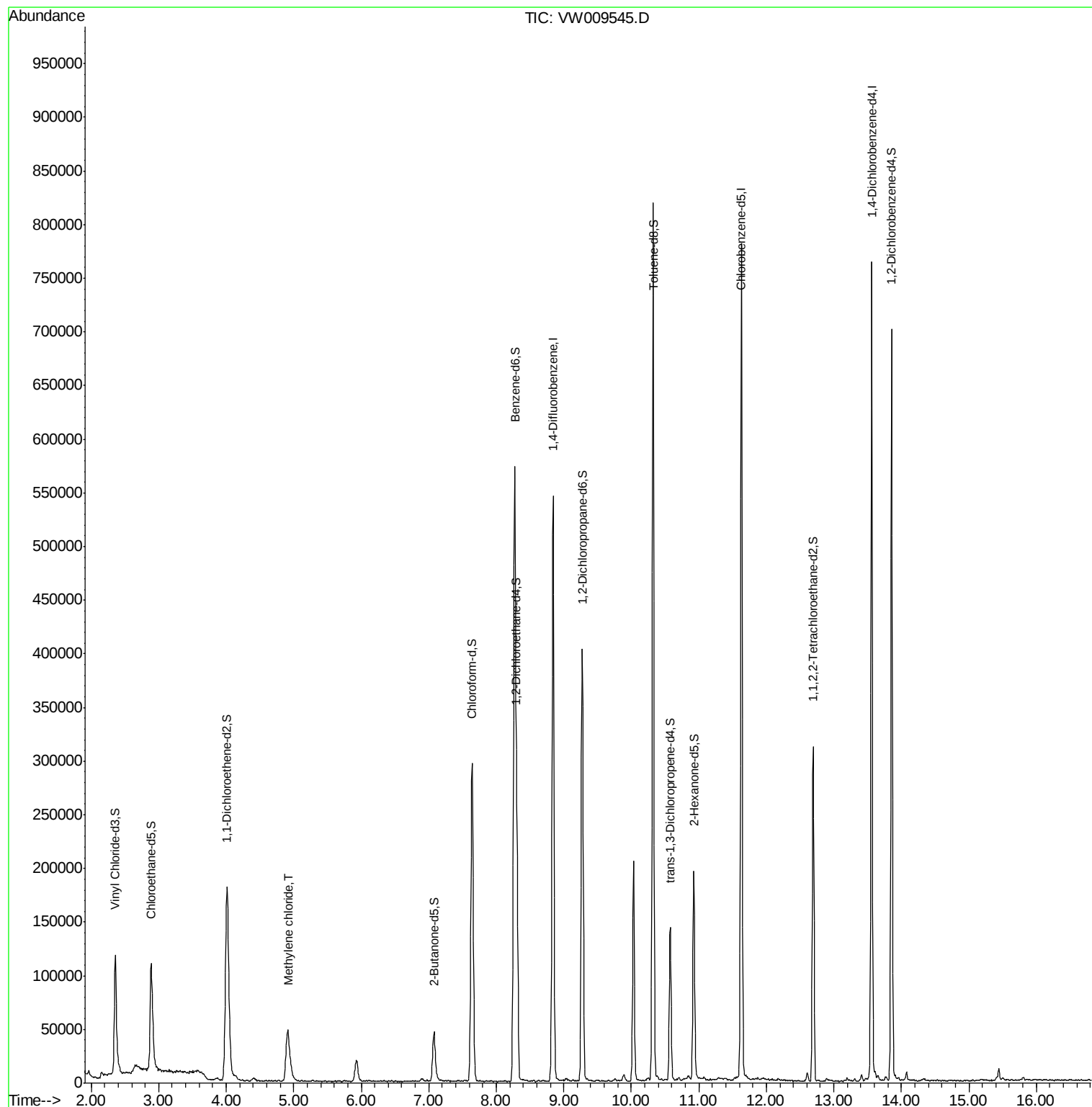
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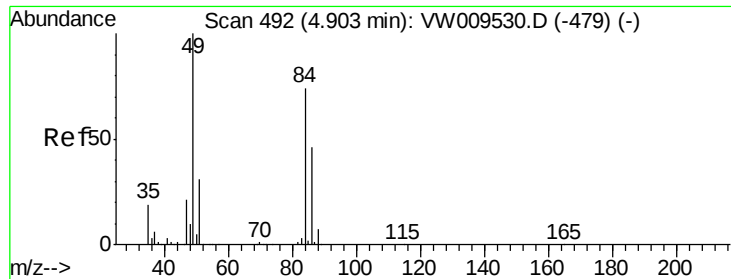
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Quant Title : VOC Analysis  
QLast Update : Fri Mar 29 05:35:33 2019  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 6.969 ug/L m  
RT: 4.91 min Scan# 493  
Delta R.T. 0.01 min  
Lab File: VW009545.D  
Acq: 28 Mar 2019 18:24

Instrument :  
MSVOA\_W  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 144.7 | 96.0  | 178.2 |
| 86      | 67.3  | 44.4  | 82.5  |

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