

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082318\  
 Data File : VW004906.D  
 Acq On : 23 Aug 2018 19:08  
 Operator : SY/AP  
 Sample : J4624-11  
 Misc : 6.20G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E4444

Quant Time: Aug 24 07:06:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM082218S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 24 05:01:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 764044   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 802725   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 365287   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 352138   | 24.38    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 97.52%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 267245   | 24.96    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 99.84%  |
| 10) 1,1-Dichloroethene-d2      | 4.02   | 63    | 362861   | 19.68    | ug/L | -0.01   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 78.72%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 122732   | 41.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 83.52%  |
| 24) Chloroform-d               | 7.65   | 84    | 448649   | 26.45    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 105.80% |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 240416   | 26.08    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 104.32% |
| 29) Benzene-d6                 | 8.28   | 84    | 1026951  | 24.87    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 99.48%  |
| 33) 1,2-Dichloropropane-d6     | 9.28   | 67    | 302337   | 24.92    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 99.68%  |
| 37) Toluene-d8                 | 10.33  | 98    | 1093136  | 24.99    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 99.96%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 121328   | 23.24    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 92.96%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 122089   | 40.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 81.24%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 265013   | 21.74    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 86.96%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.86  | 152   | 394540   | 26.89    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 107.56% |

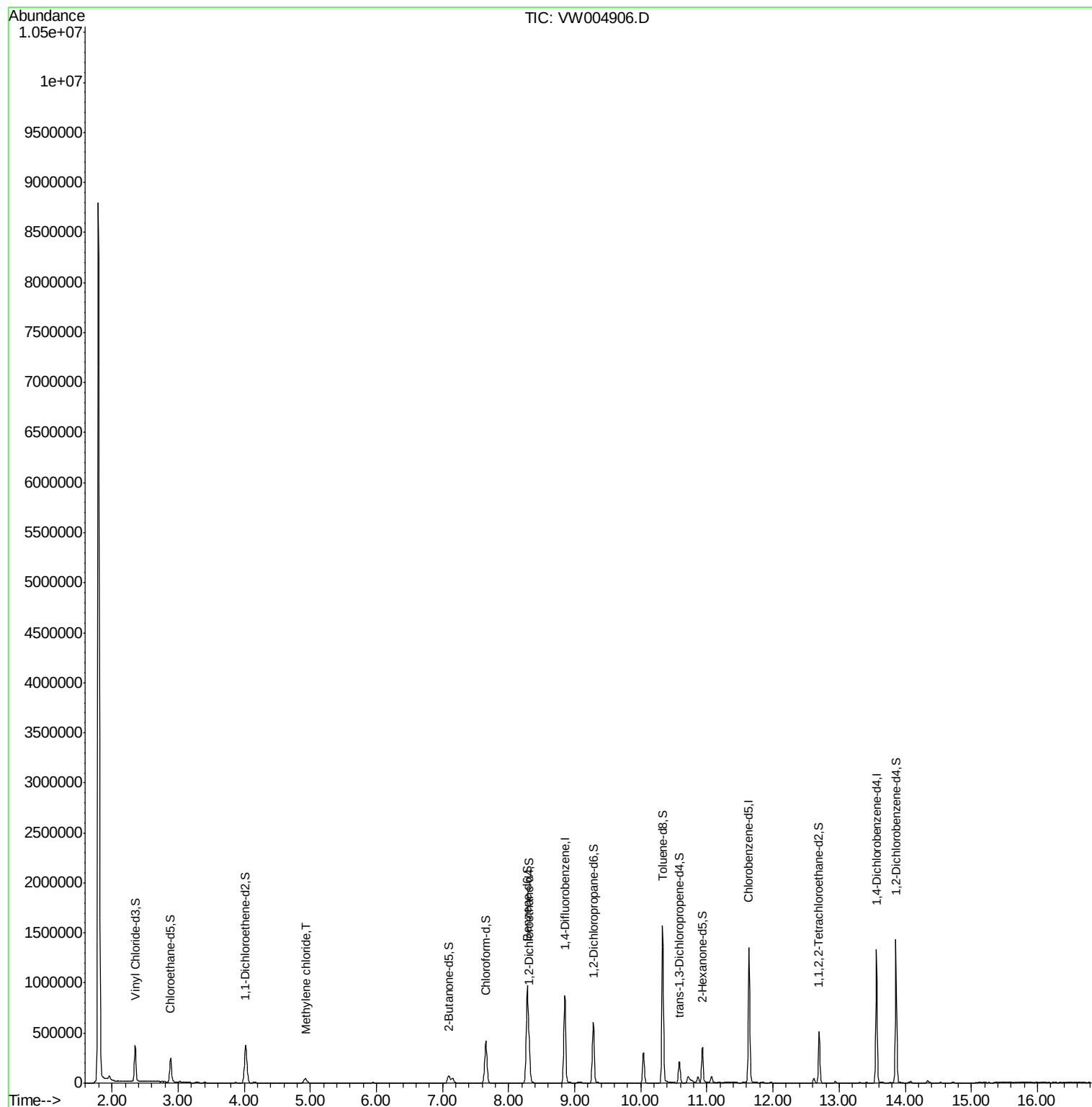
| Target Compounds       |      |    |       |           | Ovalue |
|------------------------|------|----|-------|-----------|--------|
| 16) Methylene chloride | 4.93 | 84 | 34773 | 2.35 ug/L | 96     |

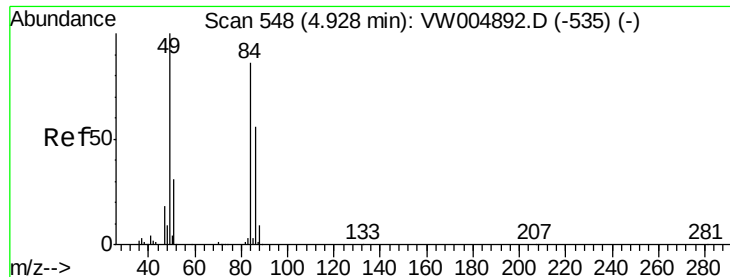
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 24 05:01:02 2018  
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#16  
Methylene chloride  
Concen: 2.35 ug/L  
RT: 4.93 min Scan# 548  
Delta R.T. 0.00 min  
Lab File: VW004906.D  
Acq: 23 Aug 2018 19:08

Instrument :  
MSVOA\_W  
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Tot Ion: 84 Resp: 34773  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 113.3 | 83.8  | 155.6 |
| 86  | 61.9  | 42.6  | 79.0  |

