

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062518\  
 Data File : VW003563.D  
 Acq On : 26 Jun 2018 00:20  
 Operator : SY/AP  
 Sample : J3641-01  
 Misc : 6.82G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DAZ95

Quant Time: Jun 26 04:50:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 26 03:05:07 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.85  | 114  | 281757   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 274443   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 132058   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.35   | 65    | 78775    | 20.62    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 82.48%  |
| 7) Chloroethane-d5             | 2.89   | 69    | 66881    | 20.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 83.92%  |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 120942   | 15.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 63.76%  |
| 20) 2-Butanone-d5              | 7.09   | 46    | 60200    | 50.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 100.00% |
| 24) Chloroform-d               | 7.65   | 84    | 177939   | 24.01    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 96.04%  |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 108666   | 24.67    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 98.68%  |
| 29) Benzene-d6                 | 8.28   | 84    | 320010   | 21.98    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.92%  |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 109527   | 23.76    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 95.04%  |
| 37) Toluene-d8                 | 10.33  | 98    | 298151   | 21.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 85.64%  |
| 38) trans-1,3-Dichloropropene- | 10.58  | 79    | 44168    | 20.41    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 81.64%  |
| 39) 2-Hexanone-d5              | 10.93  | 63    | 43396    | 46.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 92.12%  |
| 48) 1,1,2,2-Tetrachloroethane- | 12.70  | 84    | 98392    | 22.94    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 91.76%  |
| 61) 1,2-Dichlorobenzene-d4     | 13.87  | 152   | 118354   | 23.73    | ug/L | 0.00    |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 94.92%  |

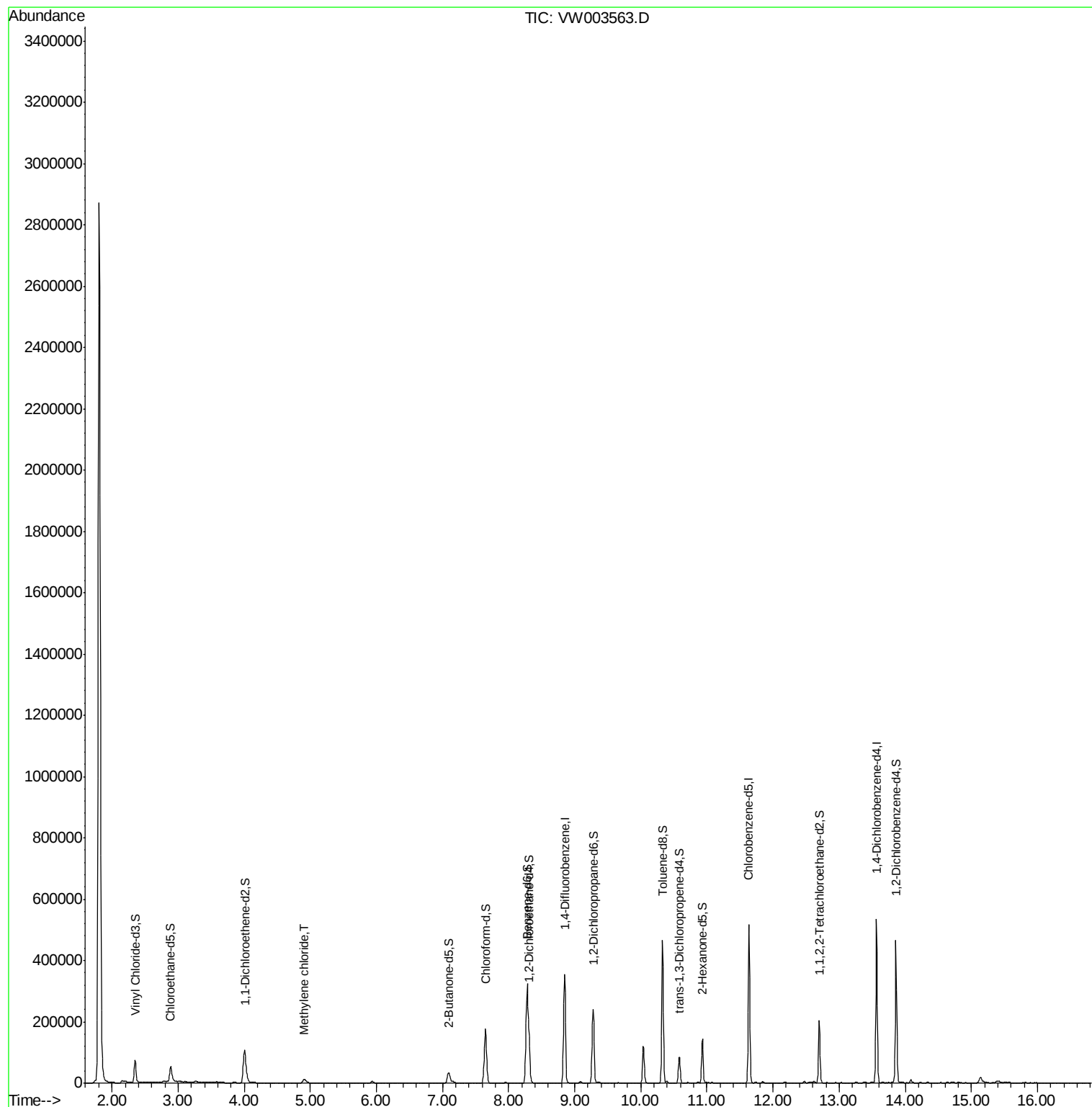
| Target Compounds       |      |    |      |           | Ovalue |
|------------------------|------|----|------|-----------|--------|
| 16) Methylene chloride | 4.91 | 84 | 9123 | 2.35 ug/L | 94     |

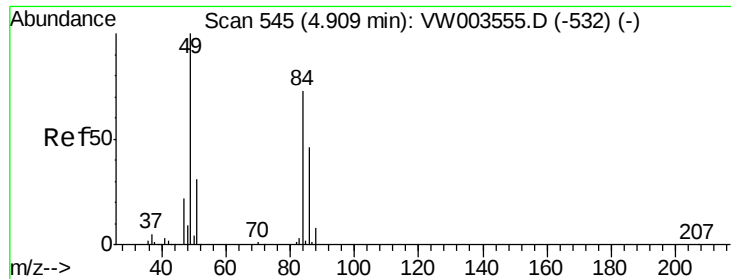
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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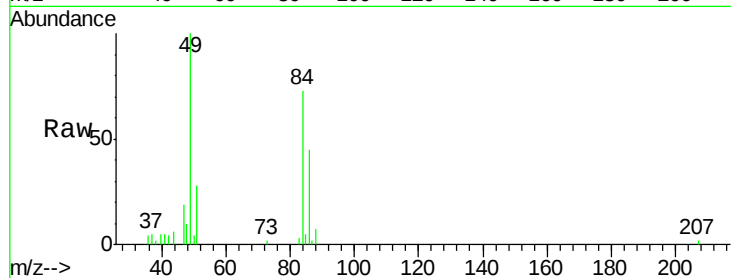


#16  
Methylene chloride  
Concen: 2.35 ug/L  
RT: 4.91 min Scan# 545  
Delta R.T. 0.00 min  
Lab File: VW003563.D  
Acq: 26 Jun 2018 00:20

Instrument :  
MSVOA\_W  
ClientSampleId :  
DAZ95

Tot Ion: 84 Resp: 9123  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 137.1 | 88.7  | 164.7 |
| 86  | 62.3  | 44.2  | 82.0  |



Abundance Ion 84.00 (83.70 to 84.70): VW  
Ion 49.00 (48.70 to 49.70): VW  
Ion 86.00 (85.70 to 86.70): VW

