

Data File : VV006584.D  
Acq On : 12 Jul 2018 12:00  
Operator : SY/MD  
Sample : VV0712WBL01  
Misc : 25 mL/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
VBLK63

Quant Time: Jul 13 01:49:52 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR070718WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jul 13 01:47:22 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.67  | 114  | 357563   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 320693   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 143908   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 104918   | 5.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 108.00% |
| 7) Chloroethane-d5             | 1.58   | 69    | 81757    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 96.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.13   | 63    | 135509   | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.00%  |
| 20) 2-Butanone-d5              | 3.95   | 46    | 187717   | 38.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 76.04%  |
| 24) Chloroform-d               | 4.41   | 84    | 160475   | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 84.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.09   | 65    | 77485    | 4.36     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20%  |
| 32) Benzene-d6                 | 5.10   | 84    | 360053   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 107687   | 4.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 90.80%  |
| 41) Toluene-d8                 | 7.36   | 98    | 322094   | 4.93     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 98.60%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 33885    | 4.21     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 84.20%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 165044   | 40.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.22%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.27  | 84    | 72540    | 3.89     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 77.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.68  | 152   | 114493   | 4.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 92.60%  |

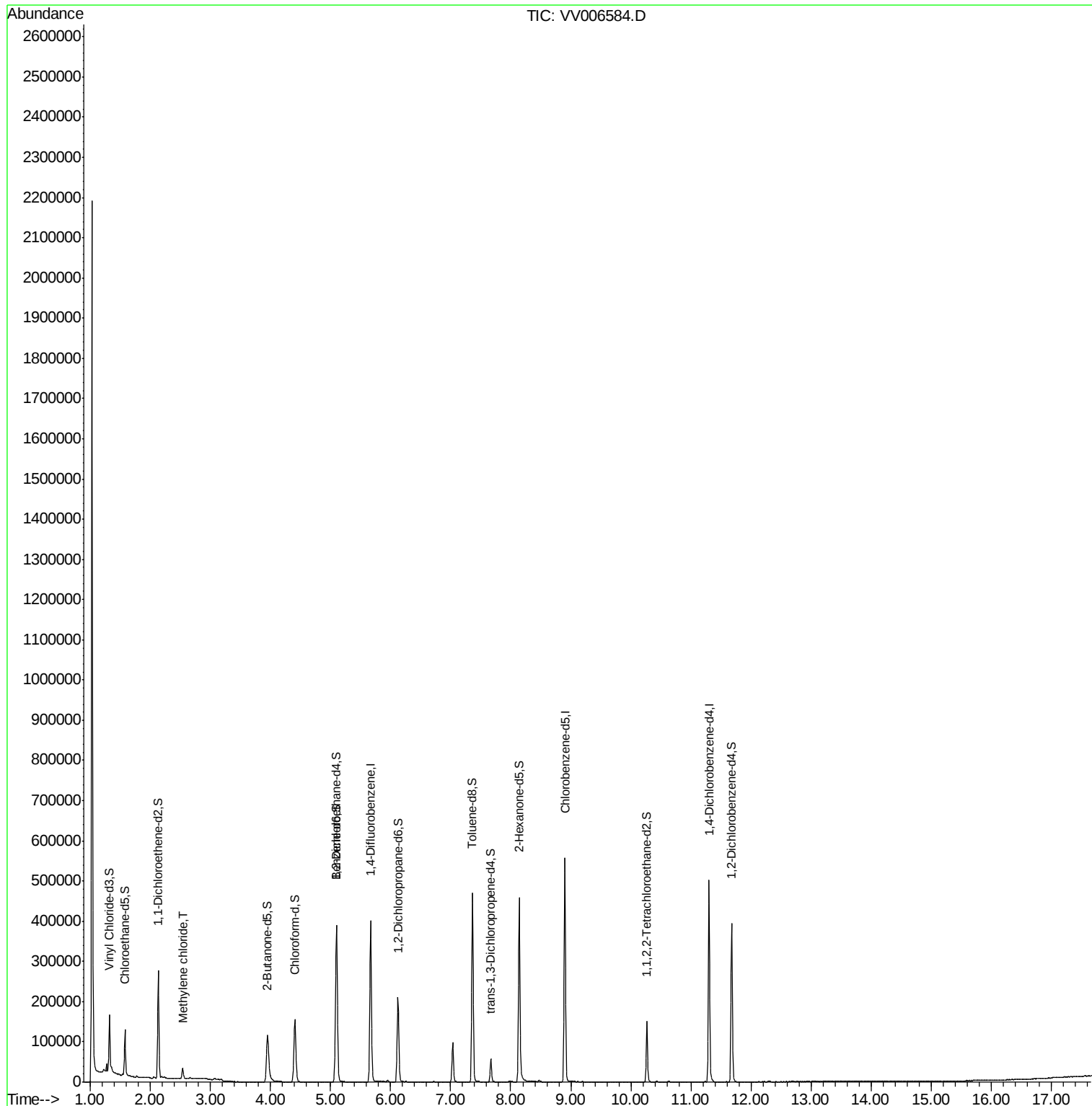
| Target Compounds       |      |    |       |            | Qvalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 2.54 | 84 | 11650 | 0.462 ug/L | 96     |

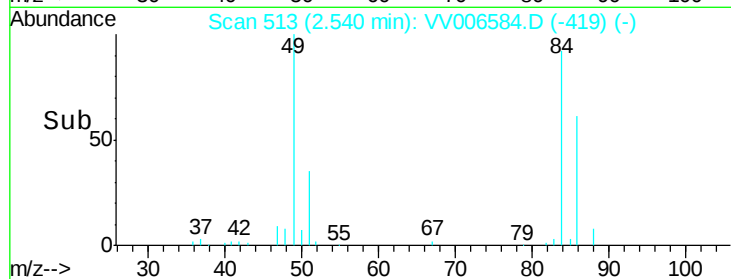
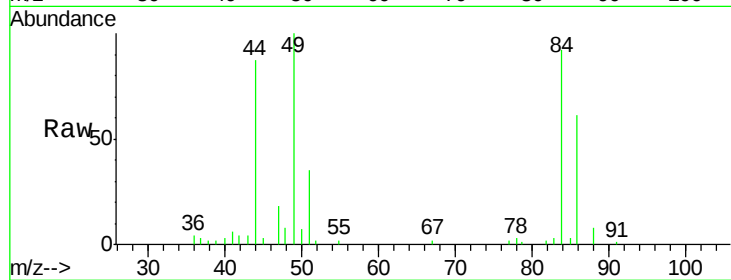
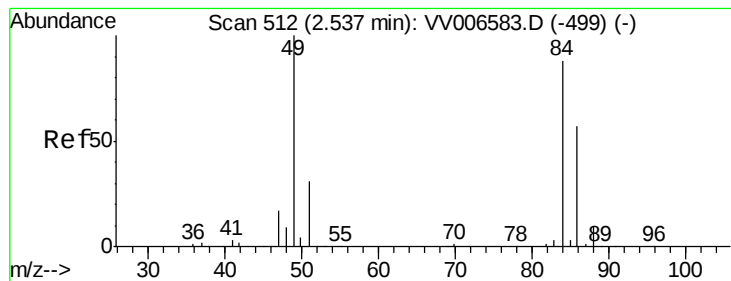
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
Methylene chloride  
Concen: 0.462 ug/L  
RT: 2.54 min Scan# 513  
Delta R.T. 0.00 min  
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Tgt Ion: 84 Resp: 11650  
Ion Ratio Lower Upper  
84 100  
86 66.5 44.7 82.9  
49 108.5 78.7 146.1

