

Data File : VU030541.D  
Acq On : 29 Mar 2019 14:16  
Operator : JC/SP  
Sample : K2084-12  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
BF7Z4

Quant Time: Mar 30 01:52:31 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR032919WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Mar 30 00:57:14 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 200230   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 201107   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 84699    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 77048    | 5.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.60% |
| 7) Chloroethane-d5             | 1.68   | 69    | 64551    | 5.23     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.60% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 117608   | 3.75     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.00%  |
| 20) 2-Butanone-d5              | 4.19   | 46    | 188475   | 47.80    | ug/L | -0.03   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 95.60%  |
| 24) Chloroform-d               | 4.64   | 84    | 126581   | 4.87     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 97.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 69195    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.40% |
| 32) Benzene-d6                 | 5.34   | 84    | 258758   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.80%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 89531    | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 100.80% |
| 41) Toluene-d8                 | 7.56   | 98    | 213575   | 4.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.40%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 29740    | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 90.20%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 130927   | 45.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.28%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 60225    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 94.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 72967    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.00% |

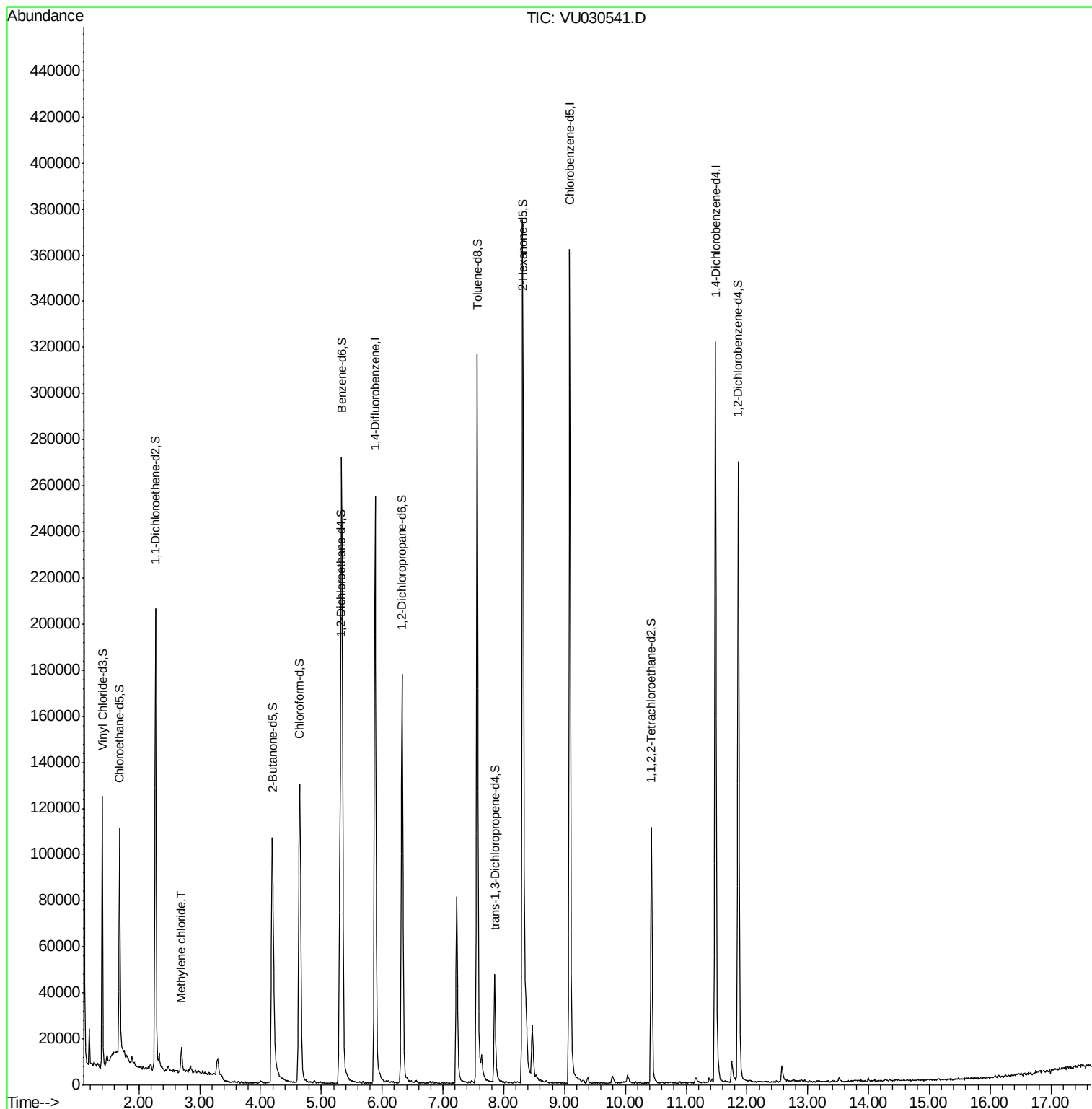
| Target Compounds       |      |    |      |       |      | Qvalue |
|------------------------|------|----|------|-------|------|--------|
| 16) Methylene chloride | 2.69 | 84 | 4260 | 0.250 | ug/L | 82     |

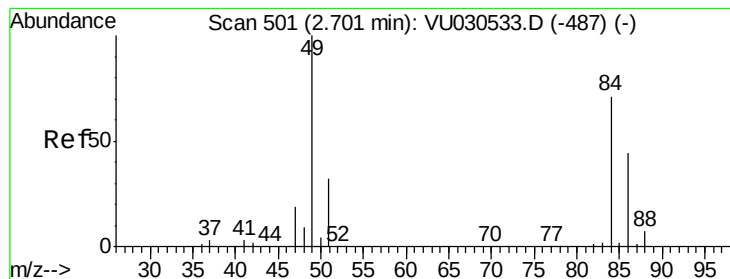
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#16  
Methylene chloride  
Concen: 0.250 ug/L  
RT: 2.69 min Scan# 499  
Delta R.T. -0.01 min  
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Tgt Ion: 84 Resp: 4260  
Ion Ratio Lower Upper  
84 100  
86 51.9 43.4 80.6  
49 116.2 98.5 182.9

