

Data File : VR025852.D  
Acq On : 25 Sep 2018 18:00  
Operator : SY/MD  
Sample : J5011-01  
Misc : 25mL/MSVOA\_R/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_R  
ClientSampleId :  
BE9F8

Quant Time: Oct 08 05:07:46 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092118WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Wed Sep 26 06:56:32 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 406038   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 321663   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 105259   | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.17   | 65    | 114465   | 3.94     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.80%  |
| 7) Chloroethane-d5             | 2.63   | 69    | 105483   | 4.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 92.40%  |
| 11) 1,1-Dichloroethene-d2      | 3.62   | 63    | 213531   | 3.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 60.80%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 179138   | 46.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 92.44%  |
| 24) Chloroform-d               | 7.20   | 84    | 221766   | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 72.80%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 99185    | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 75.40%  |
| 32) Benzene-d6                 | 7.85   | 84    | 456479   | 3.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 76.40%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 131526   | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 80.80%  |
| 41) Toluene-d8                 | 9.97   | 98    | 389660   | 3.63     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.60%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 23002    | 2.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 51.00%# |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 128258   | 42.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 85.22%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 51318    | 4.14     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 82.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 68173    | 3.79     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 75.80%# |

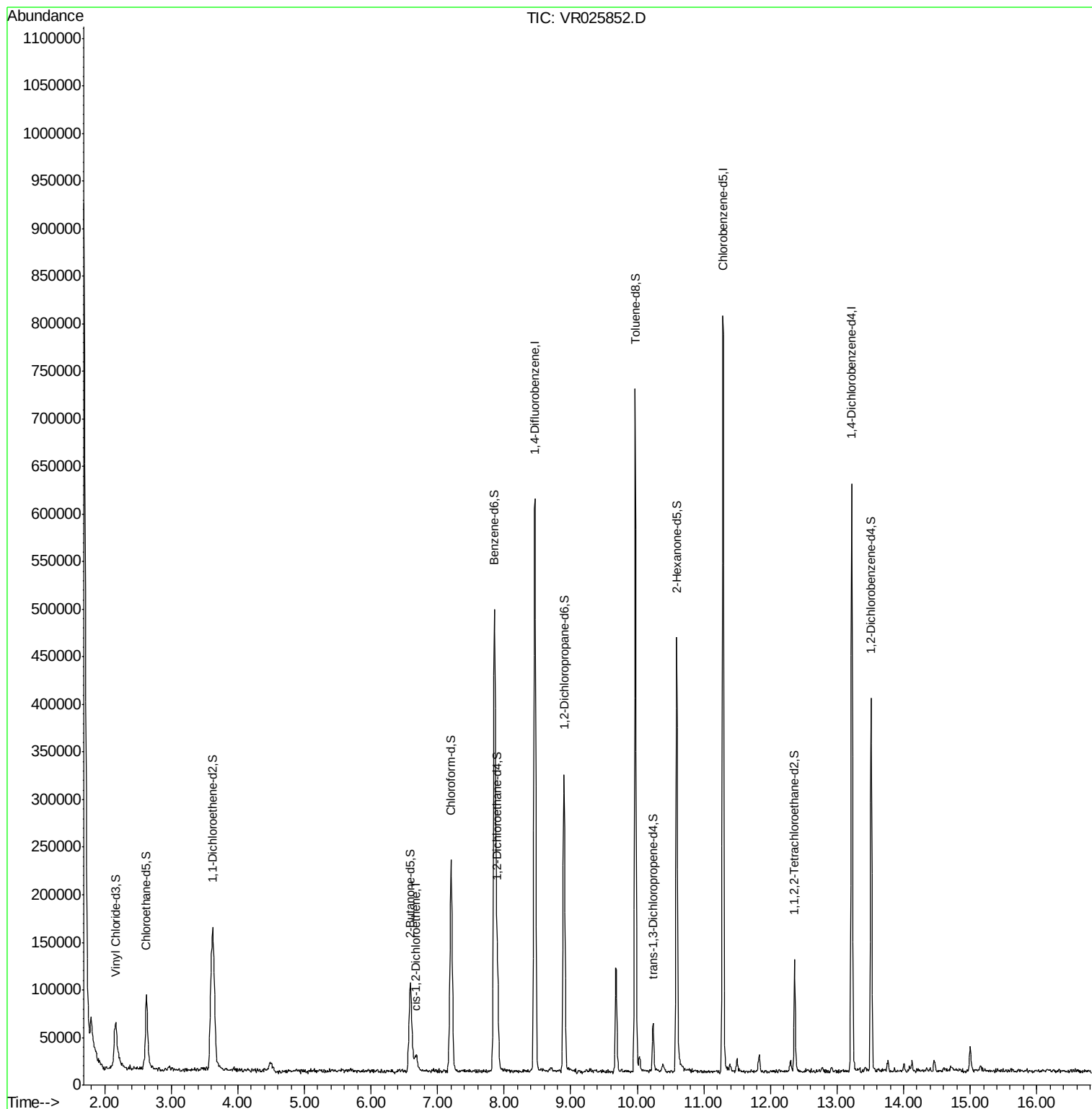
| Target Compounds           |      |    |      |            | Qvalue |
|----------------------------|------|----|------|------------|--------|
| 22) cis-1,2-Dichloroethene | 6.67 | 96 | 6630 | 0.166 ug/L | # 82   |

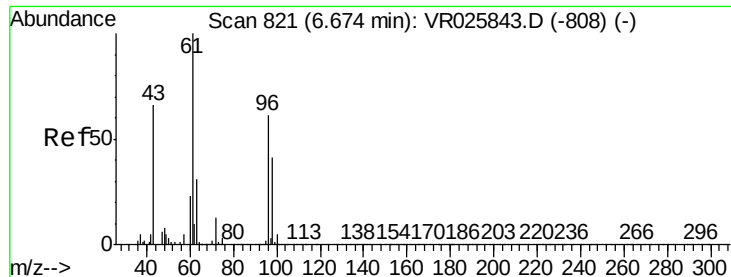
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene  
 Concen: 0.166 ug/L  
 RT: 6.67 min Scan# 820  
 Delta R.T. -0.01 min  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 132.4 | 108.7 | 201.9 |
| 68      | 0.0   | 0.1   | 0.1#  |

