

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\  
 Data File : VR026043.D  
 Acq On : 11 Oct 2018 14:10  
 Operator : SY/MD  
 Sample : J5315-10  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 C0JA1

Quant Time: Oct 12 08:37:54 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092718WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Oct 12 08:06:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 432669   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 376014   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.23 | 152  | 126512   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 133075   | 3.90     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 78.00%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 137075   | 4.92     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 98.40%  |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 247375   | 3.09     | ug/L | -0.01   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 61.80%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 228211   | 60.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 120.00% |
| 24) Chloroform-d               | 7.20   | 84    | 270611   | 4.56     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.20%  |
| 26) 1,2-Dichloroethane-d4      | 7.90   | 65    | 129503   | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.40% |
| 32) Benzene-d6                 | 7.85   | 84    | 494090   | 3.95     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.00%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 151111   | 4.48     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 89.60%  |
| 41) Toluene-d8                 | 9.97   | 98    | 428319   | 3.64     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 72.80%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 32669    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.40%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 178903   | 61.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 122.56% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 72144    | 5.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 105.40% |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 102026   | 5.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.80% |

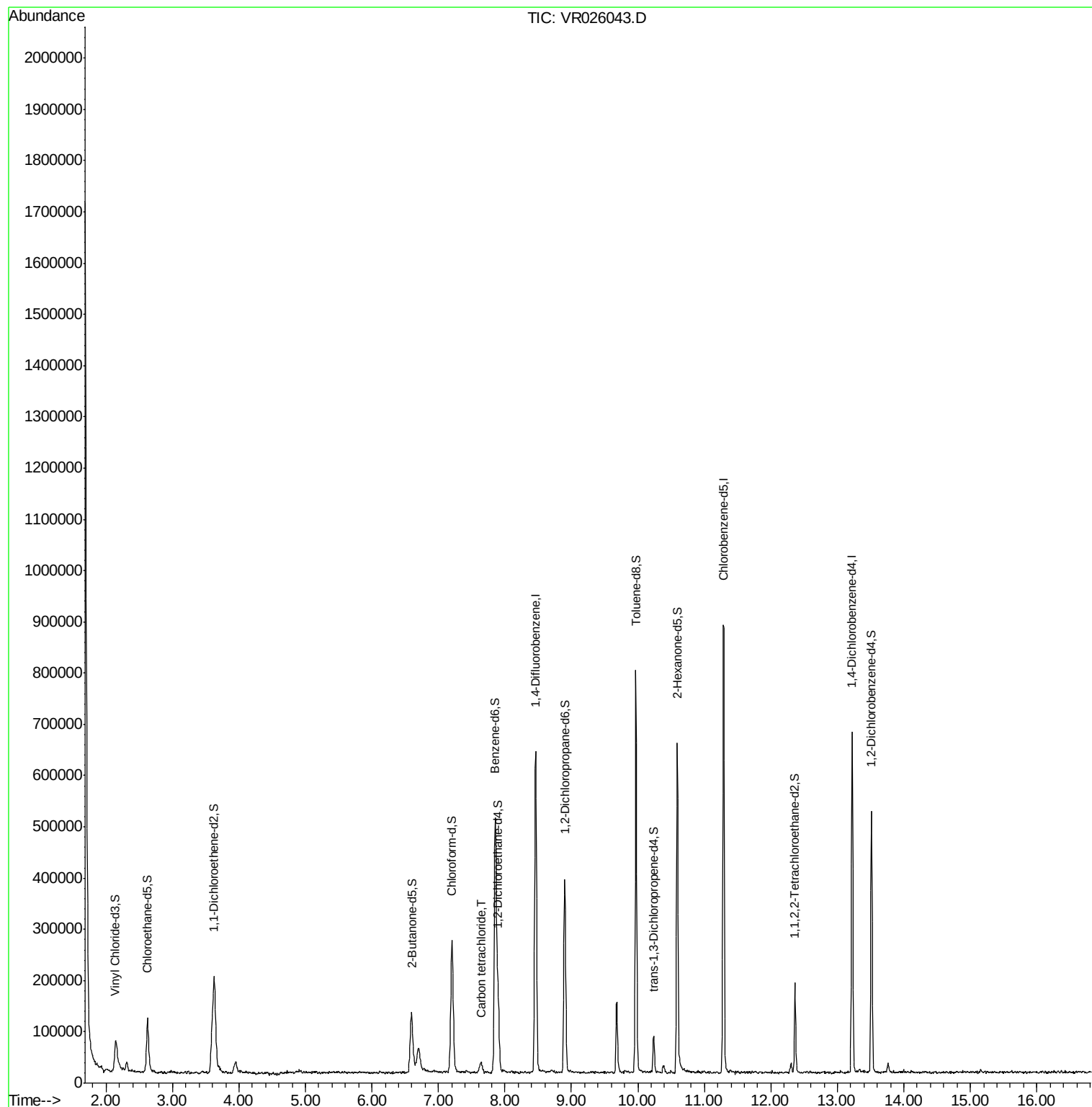
| Target Compounds         |      |     |       |            | Ovalue |
|--------------------------|------|-----|-------|------------|--------|
| 31) Carbon tetrachloride | 7.64 | 117 | 15932 | 0.435 ug/L | 94     |

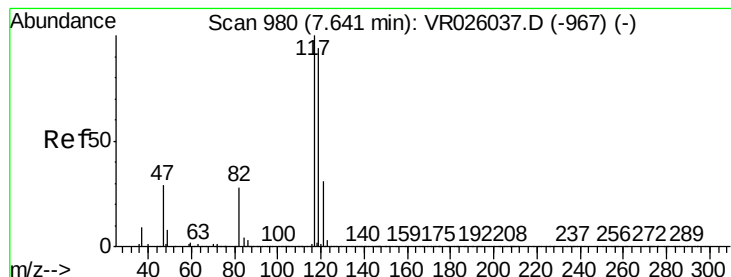
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#31

Carbon tetrachloride

Concen: 0.435 ug/L

RT: 7.64 min Scan# 980

Delta R.T. 0.00 min

Lab File: VR026043.D

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Tot Ion:117 Resp: 15932

Ion Ratio Lower Upper

117 100

119 100.8 75.6 113.4

