

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR061618\  
 Data File : VR025355.D  
 Acq On : 17 Jun 2018 9:58  
 Operator : SY/MD  
 Sample : J3550-16  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 ESWG6

Quant Time: Jun 18 05:15:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR061518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Jun 18 04:02:12 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 590744   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 501486   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 150042   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.14   | 65    | 86910    | 4.32     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 86.40%  |
| 7) Chloroethane-d5             | 2.64   | 69    | 69891    | 4.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 94.60%  |
| 11) 1,1-Dichloroethene-d2      | 3.63   | 63    | 163967   | 3.17     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 63.40%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 244931   | 45.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 90.82%  |
| 24) Chloroform-d               | 7.20   | 84    | 306937   | 4.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 81.60%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 122396   | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.00%  |
| 32) Benzene-d6                 | 7.86   | 84    | 660443   | 3.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 77.60%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 202841   | 4.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 84.00%  |
| 41) Toluene-d8                 | 9.97   | 98    | 559684   | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 74.40%  |
| 43) trans-1,3-Dichloropropene- | 10.23  | 79    | 25431    | 1.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 39.60%# |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 217533   | 48.75    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 97.50%  |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 87994    | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 93.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 123221   | 4.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.80%  |

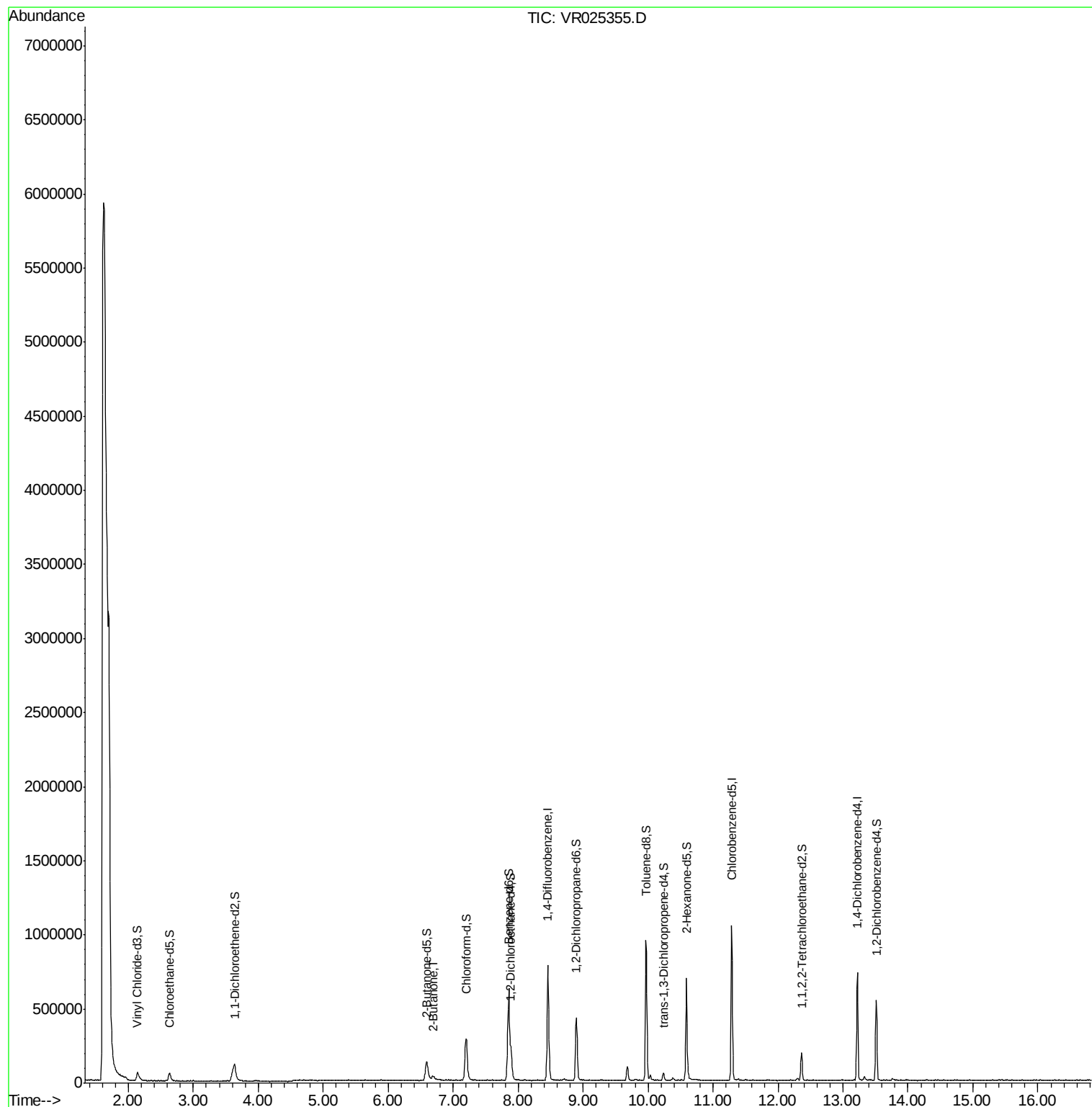
| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 21) 2-Butanone   | 6.70 | 43 | 13298 | 2.310 ug/L | 91     |

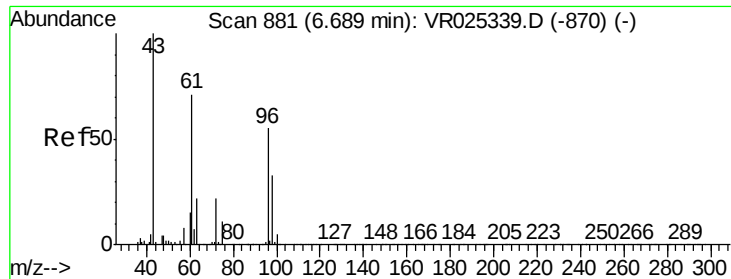
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#21

2-Butanone

Concen: 2.310 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025355.D

Acq: 17 Jun 2018 9:58

Instrument :

MSVOA\_R

ClientSampleId :

ESWG6

Tot Ion: 43 Resp: 13298

Ion Ratio Lower Upper

43 100

72 30.3 13.0 38.9

