

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071318\  
 Data File : VR025468.D  
 Acq On : 13 Jul 2018 18:46  
 Operator : SY/MD  
 Sample : J3985-04  
 Misc : 25mL/MSVOA R/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 DB1A4

Quant Time: Jul 14 00:00:25 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR070518WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jul 13 23:51:14 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.46  | 114  | 761714   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.29 | 117  | 599834   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.22 | 152  | 210617   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 2.16   | 65    | 97646    | 4.65     | ug/L | 0.01    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 93.00%  |
| 7) Chloroethane-d5             | 2.62   | 69    | 89018    | 4.97     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 99.40%  |
| 11) 1,1-Dichloroethene-d2      | 3.62   | 63    | 224993   | 3.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 70.80%  |
| 20) 2-Butanone-d5              | 6.59   | 46    | 320567   | 49.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.30%  |
| 24) Chloroform-d               | 7.21   | 84    | 462914   | 4.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20%  |
| 26) 1,2-Dichloroethane-d4      | 7.89   | 65    | 179384   | 4.51     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 90.20%  |
| 32) Benzene-d6                 | 7.86   | 84    | 954662   | 4.76     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.20%  |
| 36) 1,2-Dichloropropane-d6     | 8.90   | 67    | 272656   | 4.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 93.60%  |
| 41) Toluene-d8                 | 9.97   | 98    | 805401   | 4.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.40%  |
| 43) trans-1,3-Dichloropropene- | 10.24  | 79    | 66630    | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 86.40%  |
| 46) 2-Hexanone-d5              | 10.59  | 63    | 254260   | 50.99    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 101.98% |
| 57) 1,1,2,2-Tetrachloroethane- | 12.36  | 84    | 118418   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 13.51  | 152   | 180096   | 5.18     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 103.60% |

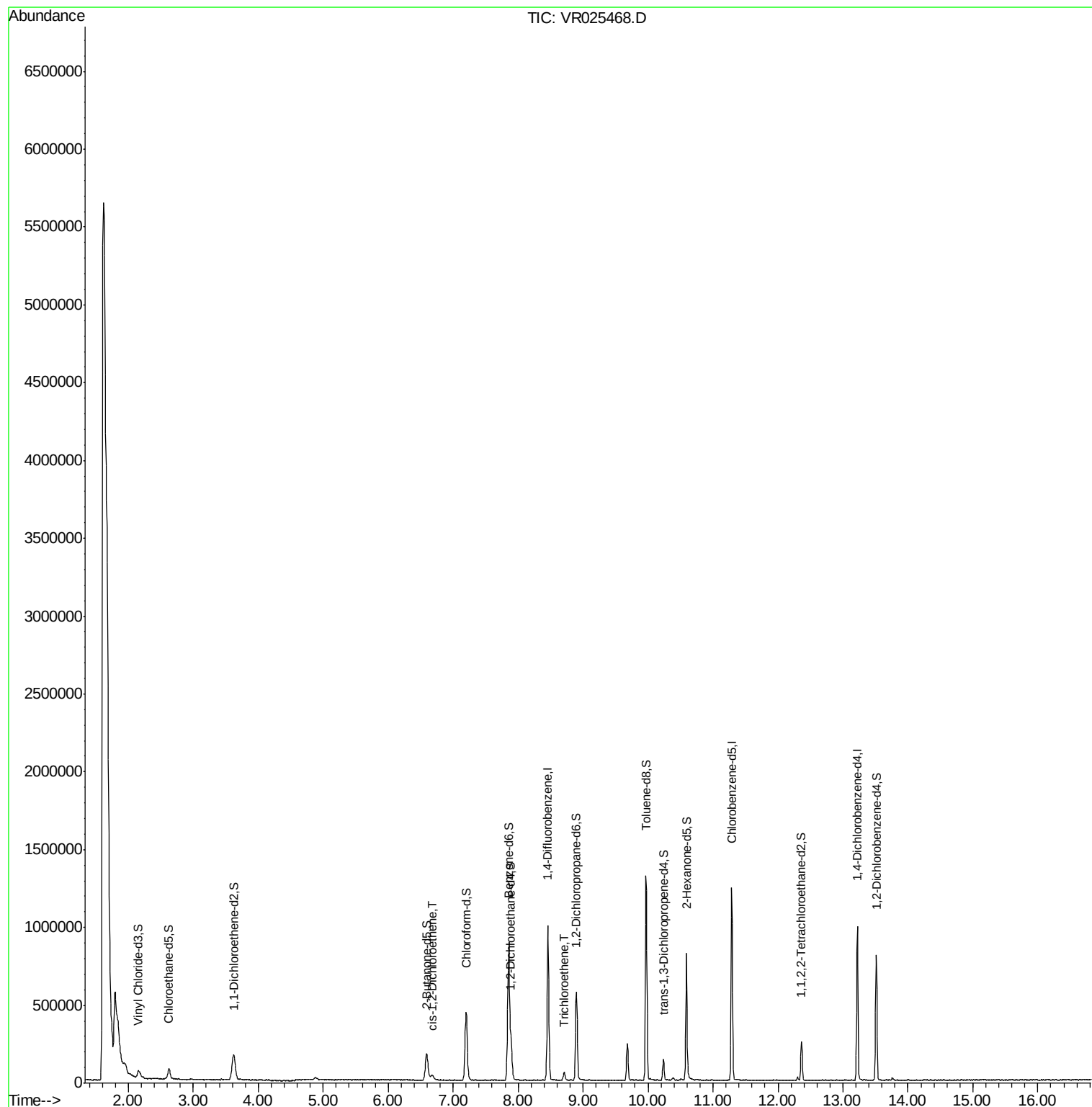
| Target Compounds           |      |    |       |           | Ovalue |
|----------------------------|------|----|-------|-----------|--------|
| 22) cis-1,2-Dichloroethene | 6.68 | 96 | 15235 | 0.29 ug/L | # 94   |
| 34) Trichloroethene        | 8.71 | 95 | 18761 | 0.36 ug/L | 87     |

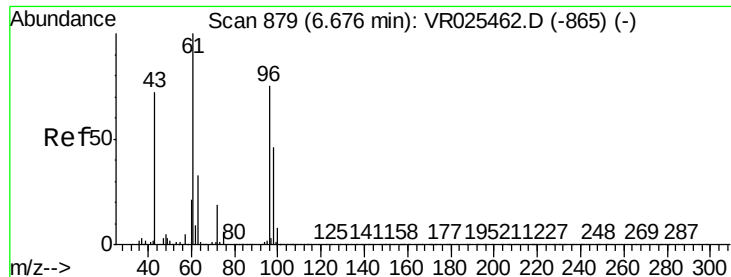
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.29 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025468.D

Acq: 13 Jul 2018 18:46

Instrument :

MSVOA\_R

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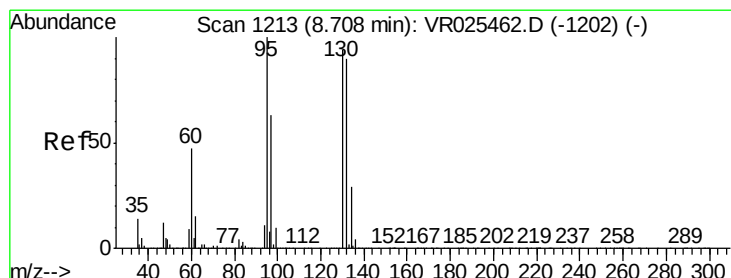
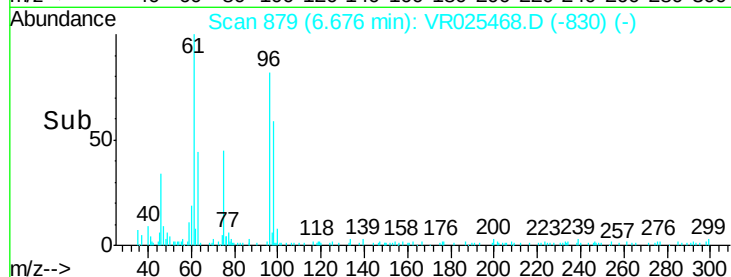
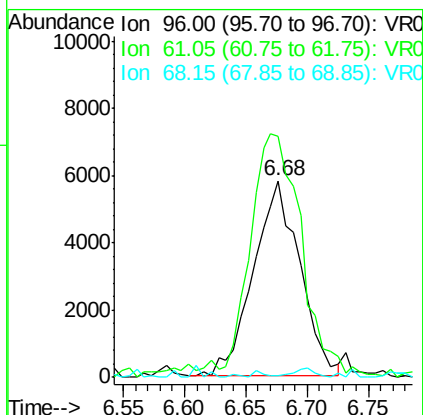
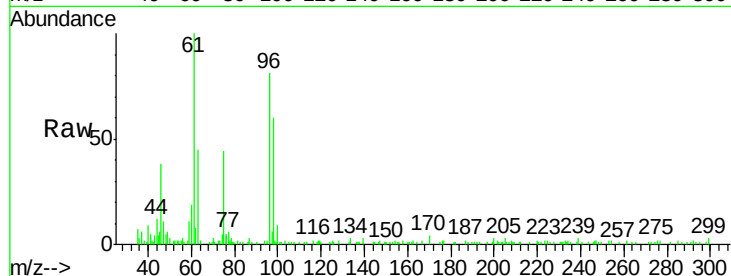
Tot Ion: 96 Resp: 15235

Ion Ratio Lower Upper

96 100

61 123.0 91.0 169.0

68 0.9 0.0 0.0#



#34

Trichloroethene

Concen: 0.36 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

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Acq: 13 Jul 2018 18:46

Tgt Ion: 95 Resp: 18761

Ion Ratio Lower Upper

95 100

97 80.5 45.6 84.6

132 100.2 60.9 113.1

130 94.3 62.0 115.2

