

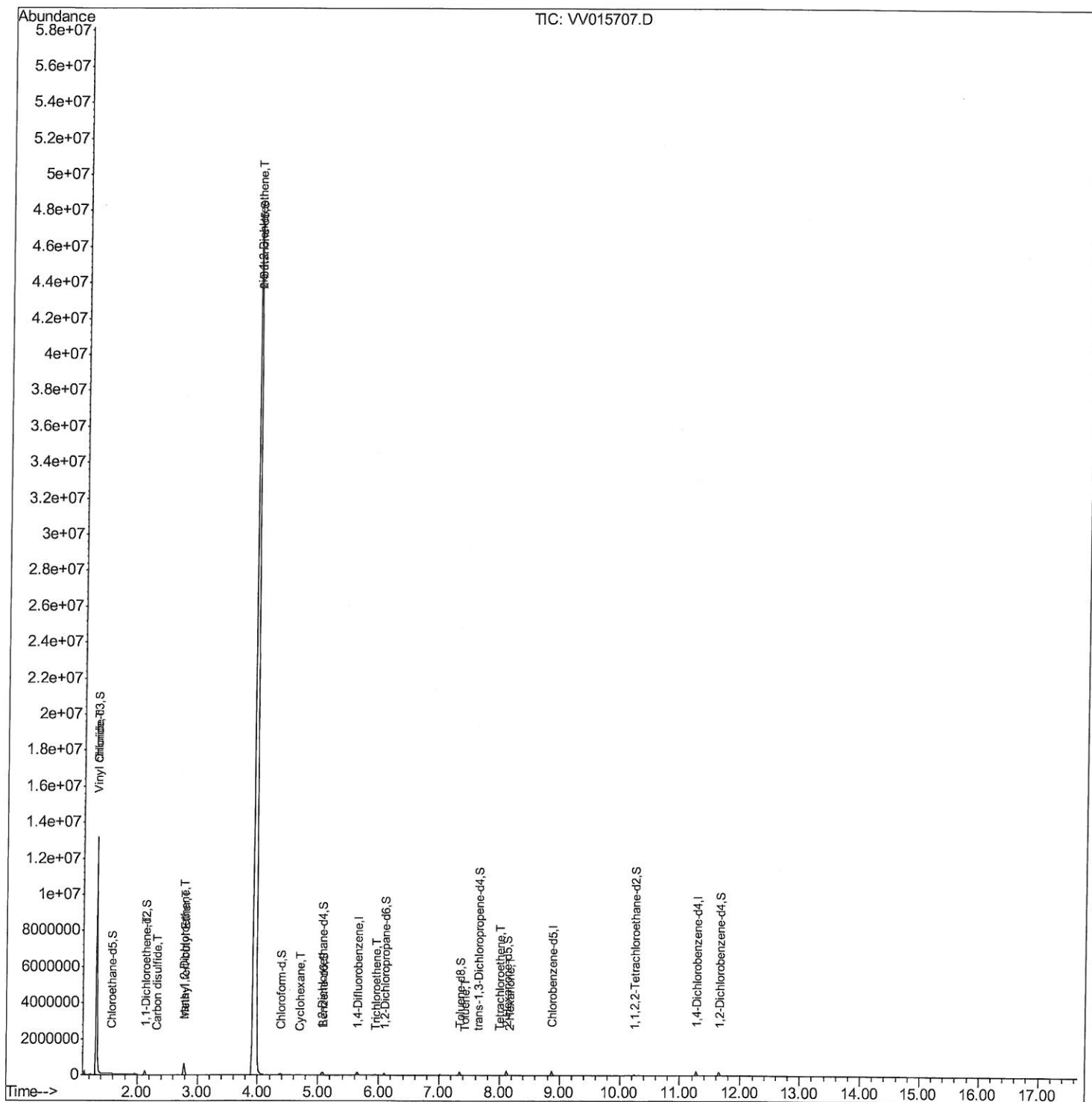
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\  
Data File : VV015707.D  
Acq On : 25 Apr 2020 20:34  
Operator : SY/MD  
Sample : L2413-14  
Misc : 25.0mL/MSVOA V/WATER  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
ETKM3

Manual Integrations  
APPROVED

apatel  
4/27/2020 11:48:46 AM

Quant Time: Apr 27 05:06:31 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Mon Apr 27 01:12:28 2020  
Response via : Initial Calibration



## Quantitation Report (Qedit)

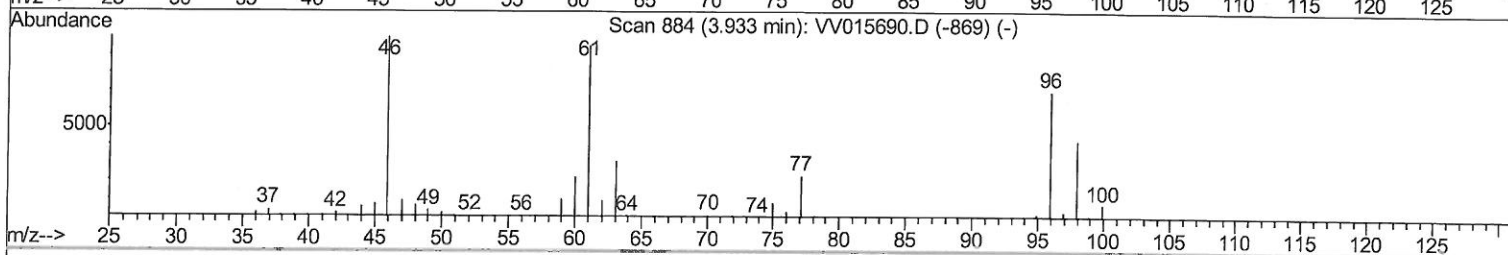
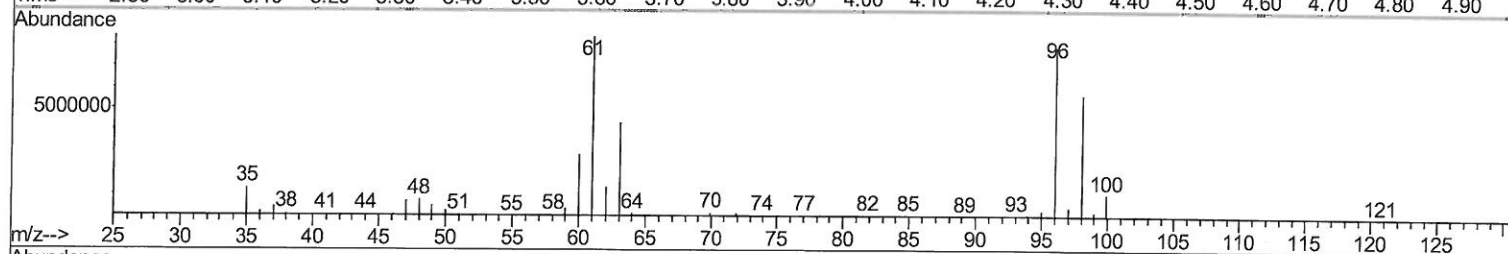
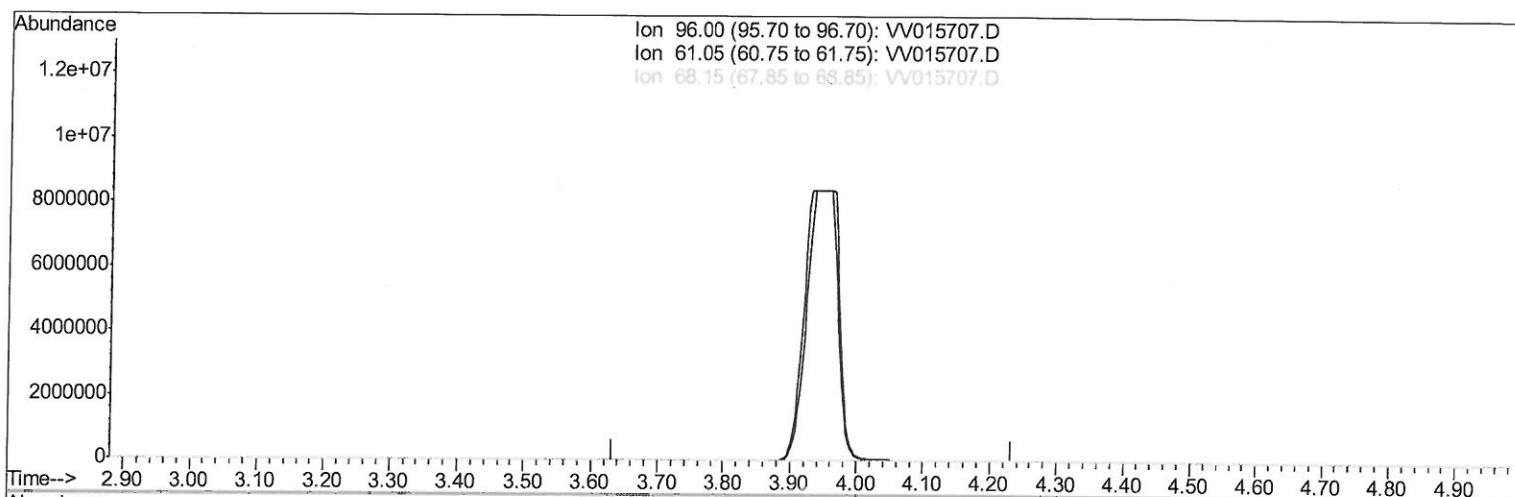
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TIC: VV015707.D

(22) cis-1,2-Dichloroethene (T)

3.933min (-3.933) 0.00ug/L

response 0

| Ion   | Exp%   | Act%  |
|-------|--------|-------|
| 96.00 | 100    | 0.00  |
| 61.05 | 137.70 | 0.00# |
| 68.15 | 0.00   | 0.00  |
| 0.00  | 0.00   | 0.00  |

# Quantitation Report (Qedit)

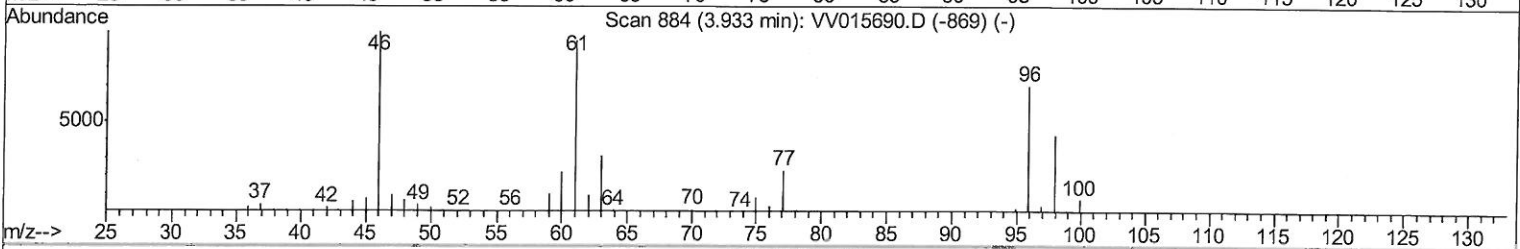
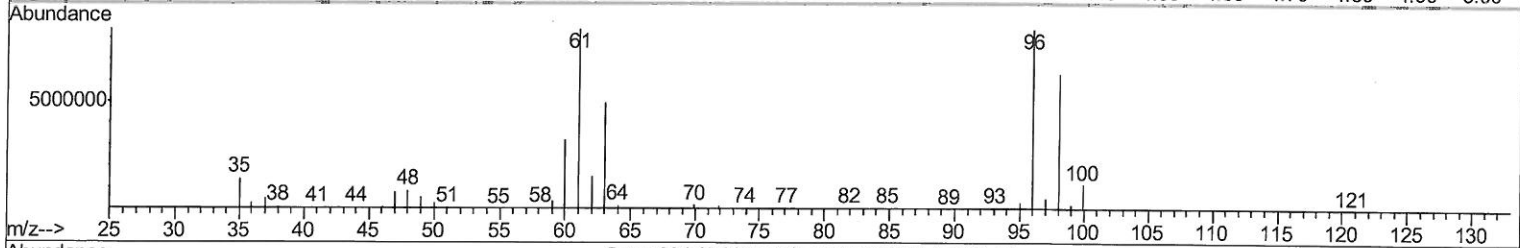
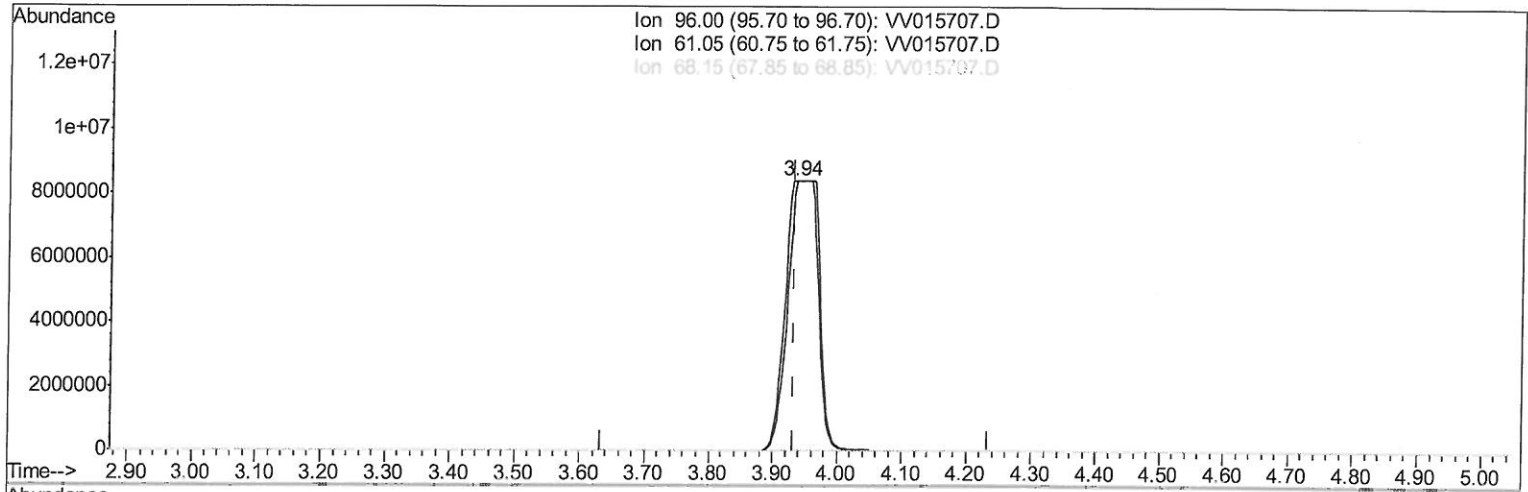
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 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Manual Integrations  
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apatel  
 4/27/2020 11:48:46 AM

Quant Time: Apr 27 04:53:33 2020  
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 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Apr 27 01:12:28 2020  
 Response via : Initial Calibration



TIC: VV015707.D

(22) cis-1,2-Dichloroethene (T)

3.936min (+0.003) 2932.68ug/L m

response 26894218

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100    | 100    |
| 61.05 | 137.70 | 100.00 |
| 68.15 | 0.00   | 0.00#  |
| 0.00  | 0.00   | 0.00   |

*Handwritten:* 7MD  
 5/5/20

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042520\  
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 Acq On : 25 Apr 2020 20:34  
 Operator : SY/MD  
 Sample : L2413-14  
 Misc : 25.0mL/MSVOA V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 ETKM3

Manual Integrations  
 APPROVED

apatel  
 4/27/2020 11:48:46 AM

Quant Time: Apr 27 05:06:31 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR042220WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Mon Apr 27 01:12:28 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 127273   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 124016   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 57692    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |                |     |            |         |      |      |
|--------------------------------|----------------|-----|------------|---------|------|------|
| 4) Vinyl Chloride-d3           | 1.32           | 65  | 100379     | 15.09   | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 40 - 130 |     | Recovery = | 301.80% | #    |      |
| 7) Chloroethane-d5             | 1.58           | 69  | 29499      | 4.60    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 65 - 130 |     | Recovery = | 92.00%  |      |      |
| 11) 1,1-Dichloroethene-d2      | 2.13           | 63  | 74703      | 5.13    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 60 - 125 |     | Recovery = | 102.60% |      |      |
| 20) 2-Butanone-d5              | 3.94           | 46  | 124632     | 58.36   | ug/L | 0.02 |
| Spiked Amount 50.000           | Range 40 - 130 |     | Recovery = | 116.72% |      |      |
| 24) Chloroform-d               | 4.38           | 84  | 74216      | 4.79    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 70 - 125 |     | Recovery = | 95.80%  |      |      |
| 26) 1,2-Dichloroethane-d4      | 5.06           | 65  | 42703      | 4.92    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 70 - 130 |     | Recovery = | 98.40%  |      |      |
| 32) Benzene-d6                 | 5.08           | 84  | 137639     | 4.65    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 70 - 125 |     | Recovery = | 93.00%  |      |      |
| 36) 1,2-Dichloropropane-d6     | 6.09           | 67  | 45476      | 4.81    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 60 - 140 |     | Recovery = | 96.20%  |      |      |
| 41) Toluene-d8                 | 7.34           | 98  | 125808     | 4.47    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 70 - 130 |     | Recovery = | 89.40%  |      |      |
| 43) trans-1,3-Dichloropropene- | 7.65           | 79  | 11373      | 3.11    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 55 - 130 |     | Recovery = | 62.20%  |      |      |
| 46) 2-Hexanone-d5              | 8.11           | 63  | 80744      | 45.27   | ug/L | 0.00 |
| Spiked Amount 50.000           | Range 45 - 130 |     | Recovery = | 90.54%  |      |      |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24          | 84  | 33811      | 4.80    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 65 - 120 |     | Recovery = | 96.00%  |      |      |
| 64) 1,2-Dichlorobenzene-d4     | 11.65          | 152 | 47964      | 4.89    | ug/L | 0.00 |
| Spiked Amount 5.000            | Range 80 - 120 |     | Recovery = | 97.80%  |      |      |

## Target Compounds

|                              |      |     |           |          | Ovalue |    |
|------------------------------|------|-----|-----------|----------|--------|----|
| 5) Vinyl chloride            | 1.32 | 62  | 8207776   | 814.865  | ug/L   | 90 |
| 12) 1,1-Dichloroethene       | 2.13 | 96  | 50340     | 6.796    | ug/L   | 92 |
| 14) Carbon disulfide         | 2.31 | 76  | 16096     | 0.769    | ug/L   | 99 |
| 17) Methyl tert-butyl Ether  | 2.79 | 73  | 6321      | 0.304    | ug/L # | 77 |
| 18) trans-1,2-Dichloroethene | 2.78 | 96  | 220748    | 26.615   | ug/L   | 97 |
| 22) cis-1,2-Dichloroethene   | 3.94 | 96  | 26894218m | 2932.680 | ug/L   |    |
| 30) Cyclohexane              | 4.70 | 56  | 2025      | 0.135    | ug/L # | 90 |
| 34) Trichloroethene          | 5.94 | 95  | 12819     | 1.310    | ug/L   | 95 |
| 42) Toluene                  | 7.42 | 91  | 5815      | 0.154    | ug/L   | 95 |
| 47) Tetrachloroethene        | 8.00 | 164 | 5773      | 0.819    | ug/L   | 97 |
| 48) 2-Hexanone               | 8.17 | 43  | 1984      | 0.476    | ug/L # | 39 |

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