

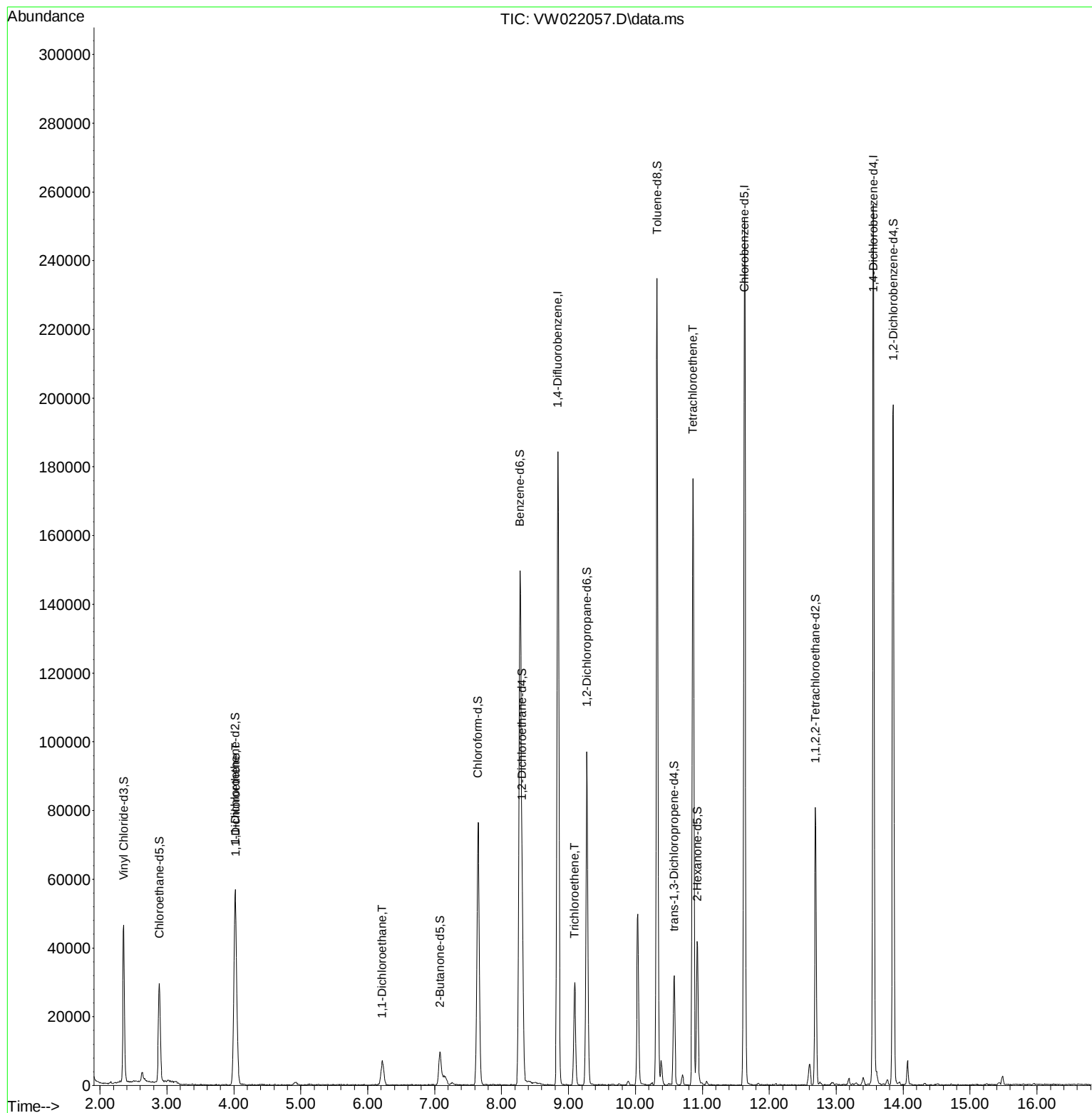
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020222\  
Data File : VW022057.D  
Acq On : 03 Feb 2022 03:01  
Operator : SY/VA  
Sample : N1364-08  
Misc : 6.25g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
BGM13

Manual IntegrationsAPPROVED

Quant Time: Feb 03 04:53:07 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM020122SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Feb 03 01:57:48 2022  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 02/03/2022  
Supervised By :Mahesh Dadoda 02/04/2022



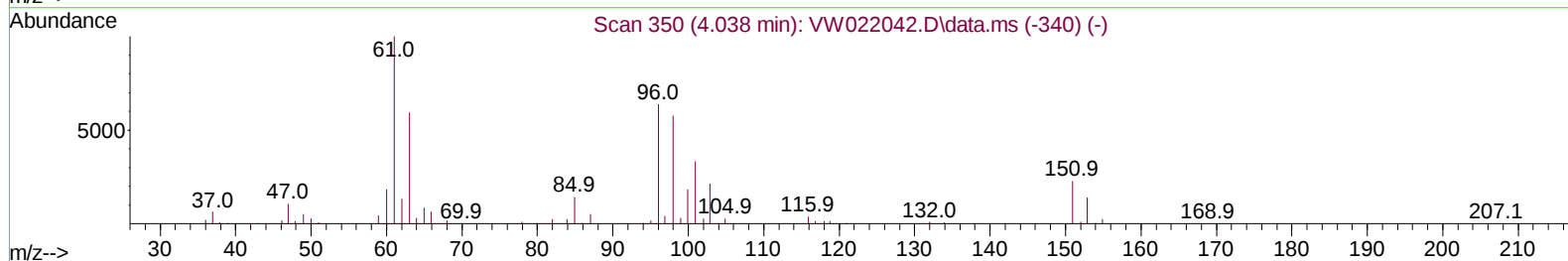
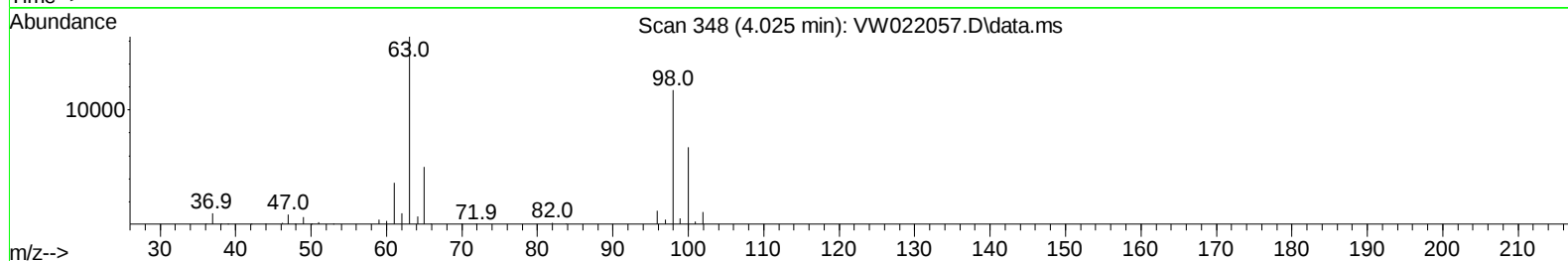
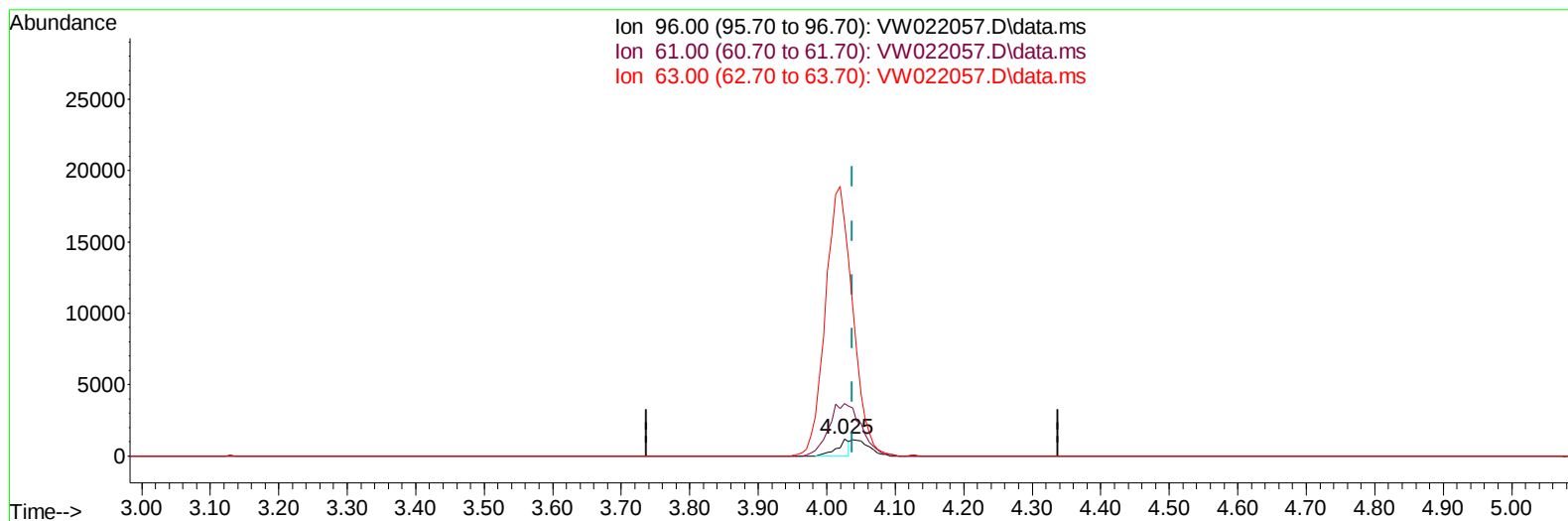
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TIC: VW022057.D\data.ms

**(12) 1,1-Dichloroethene (T)**

4.025min (-0.012) 0.84 ug/L

response 1501

| Ion   | Exp%   | Act%     |
|-------|--------|----------|
| 96.00 | 100.00 | 100.00   |
| 61.00 | 159.30 | 304.75#  |
| 63.00 | 118.70 | 1364.58# |
| 0.00  | 0.00   | 0.00     |

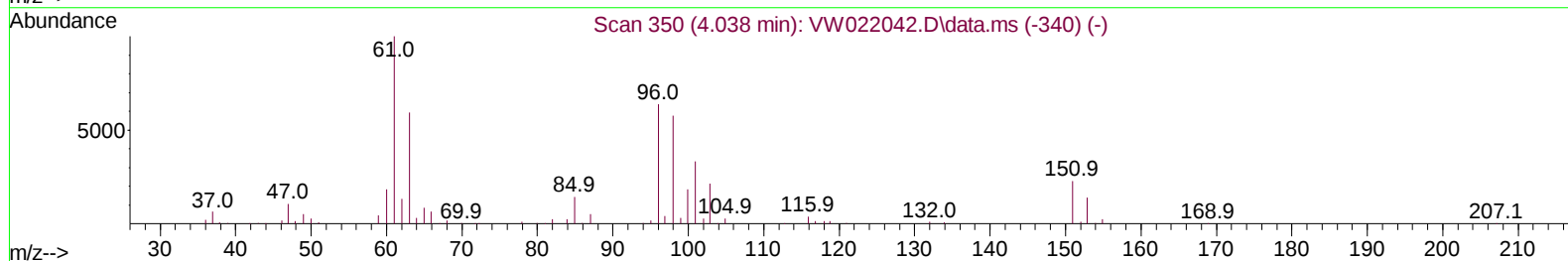
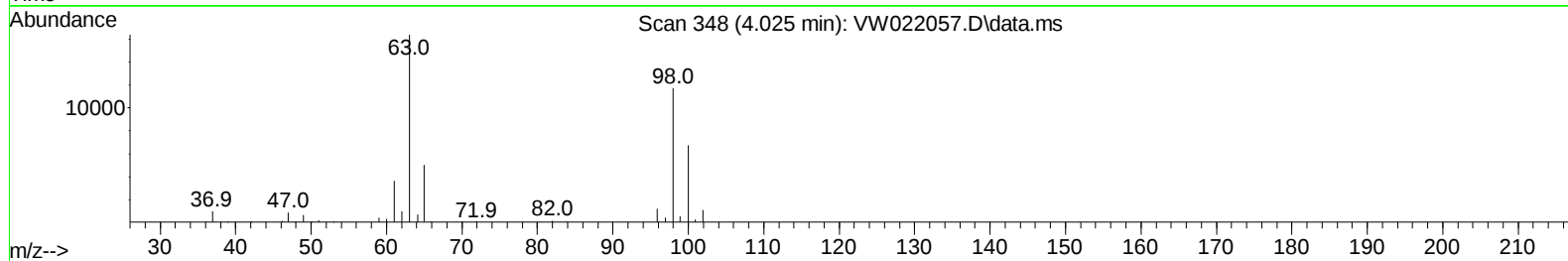
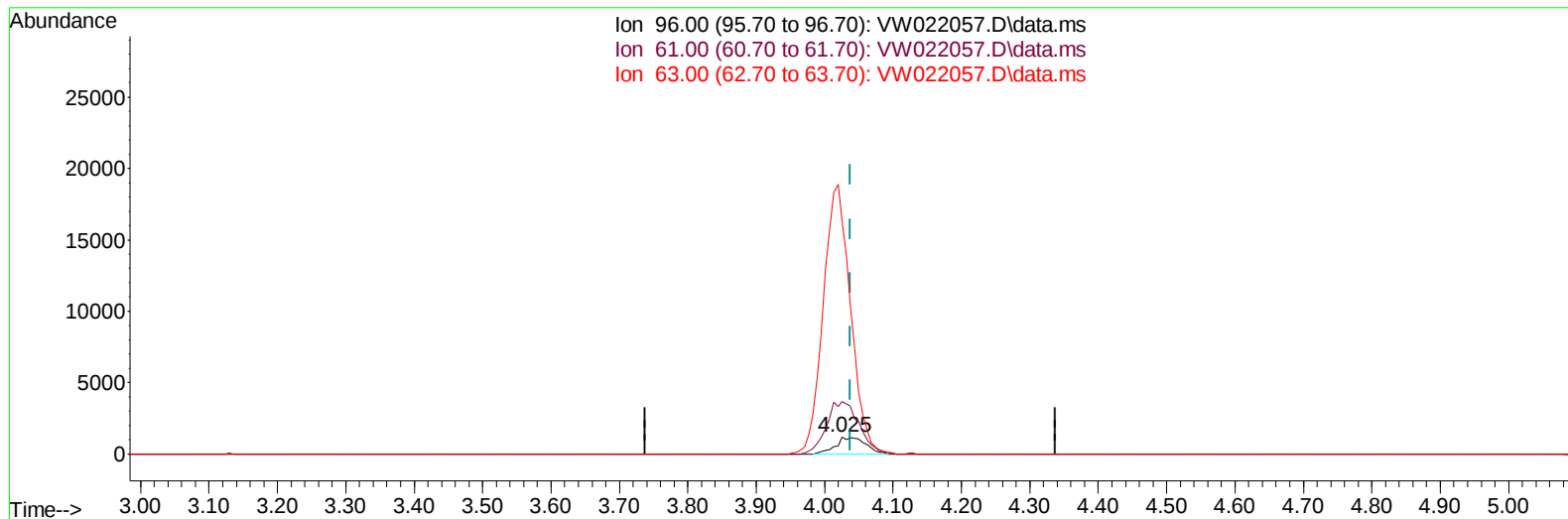
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## Manual IntegrationsAPPROVED

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Quant Title : SFAM01.0  
QLast Update : Thu Feb 03 01:57:48 2022  
Response via : Initial Calibration



TIC: VW022057.D\data.ms

## (12) 1,1-Dichloroethene (T)

4.025min (-0.012) 1.98 ug/L m

response 3556

| Ion   | Exp%   | Act%     |
|-------|--------|----------|
| 96.00 | 100.00 | 100.00   |
| 61.00 | 159.30 | 304.75#  |
| 63.00 | 118.70 | 1364.58# |
| 0.00  | 0.00   | 0.00     |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW020222\  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGM13

## Manual IntegrationsAPPROVED

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| Compound                      | R.T.     | QIon  | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|---------|----------|
| -----                         |          |       |          |        |         |          |
| Internal Standards            |          |       |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 161292   | 25.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 147678   | 25.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 71745    | 25.000 | ug/L    | 0.00     |
|                               |          |       |          |        |         |          |
| System Monitoring Compounds   |          |       |          |        |         |          |
| 4) Vinyl Chloride-d3          | 2.355    | 65    | 43075    | 22.171 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 88.680% |          |
| 7) Chloroethane-d5            | 2.885    | 69    | 30426    | 20.342 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 81.360% |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    | 52378    | 15.259 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 61.040% |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 16473    | 47.803 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 95.600% |          |
| 24) Chloroform-d              | 7.647    | 84    | 79087    | 21.075 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 84.320% |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 42248    | 22.629 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 90.520% |          |
| 32) Benzene-d6                | 8.275    | 84    | 156961   | 21.032 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 84.120% |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    | 43335    | 21.348 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 85.400% |          |
| 41) Toluene-d8                | 10.323   | 98    | 154361   | 20.870 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 83.480% |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 17262    | 19.417 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 77.680% |          |
| 47) 2-Hexanone-d5             | 10.927   | 63    | 14469    | 49.027 | ug/L    | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 98.060% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 36446    | 22.014 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 88.040% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 54268    | 20.968 | ug/L    | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 83.880% |          |
|                               |          |       |          |        |         |          |
| Target Compounds              |          |       |          |        | Qvalue  |          |
| 12) 1,1-Dichloroethene        | 4.025    | 96    | 3556m    | 1.979  | ug/L    |          |
| 19) 1,1-Dichloroethane        | 6.214    | 63    | 9217     | 2.969  | ug/L    | 92       |
| 34) Trichloroethene           | 9.092    | 95    | 10082    | 4.580  | ug/L    | 91       |
| 46) Tetrachloroethene         | 10.860   | 164   | 39095    | 19.052 | ug/L    | 95       |
| -----                         |          |       |          |        |         |          |

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