

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW071719\  
Quantitation Report (QT Reviewed)

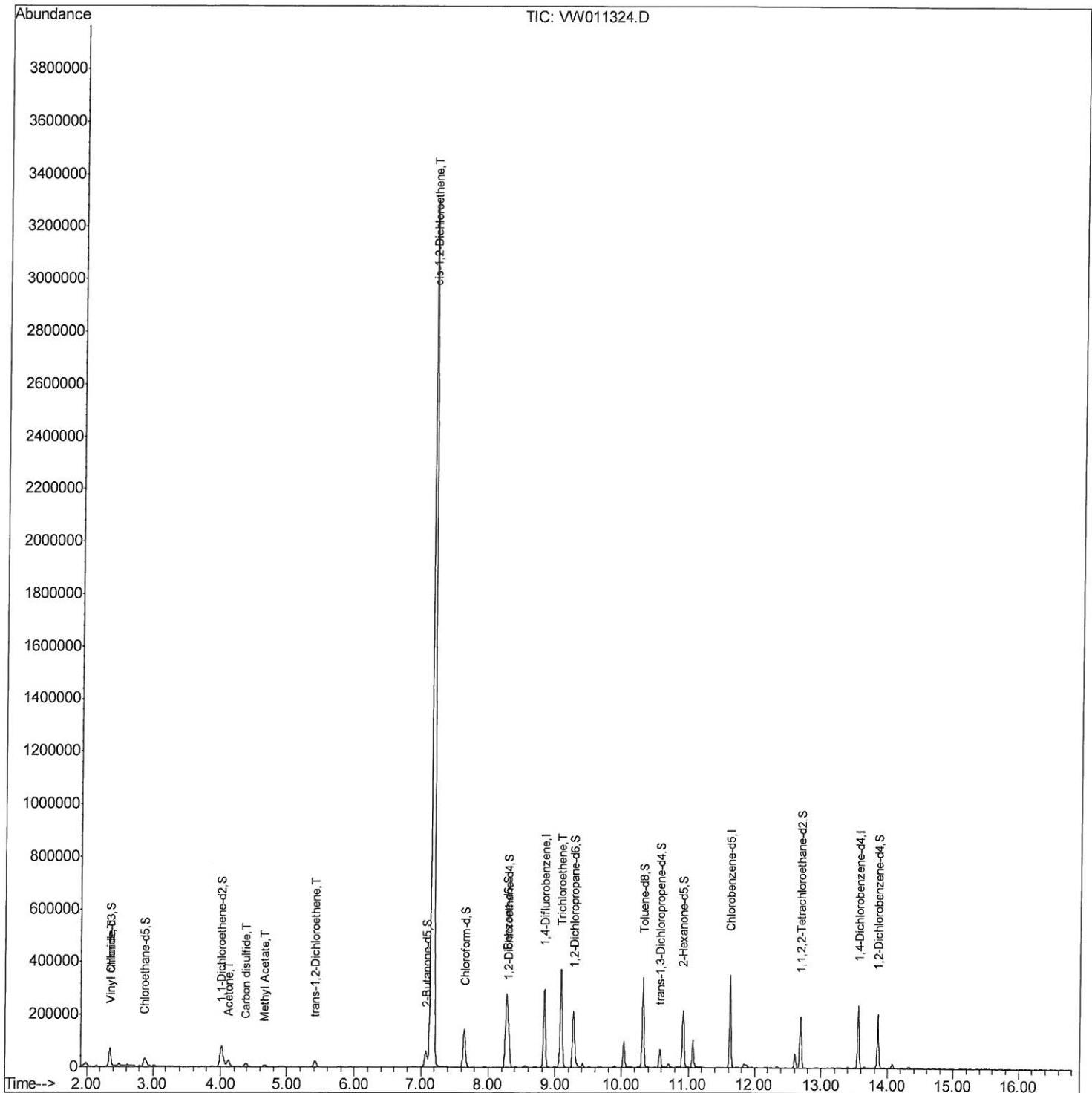
Data File : VW011324.D  
Acq On : 17 Jul 2019 23:39  
Operator : SY/VA  
Sample : K3863-05  
Misc : 2.94G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A52G1

Manual Integrations  
APPROVED

MMDadoda  
7/22/2019 1:44:51 AM

Quant Time: Jul 18 07:28:49 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 18 06:37:55 2019  
Response via : Initial Calibration



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW071719\  
Quantitation Report (Qedit)

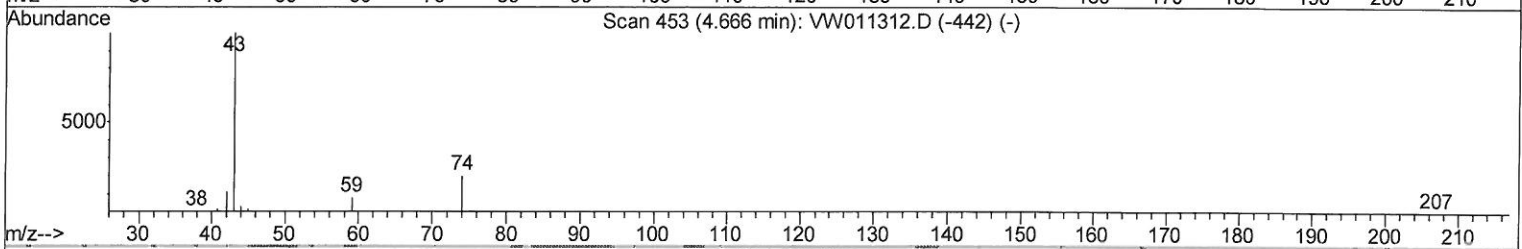
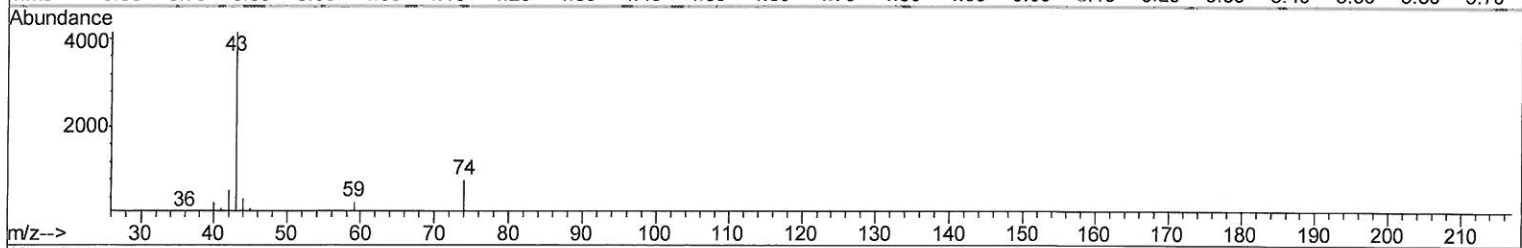
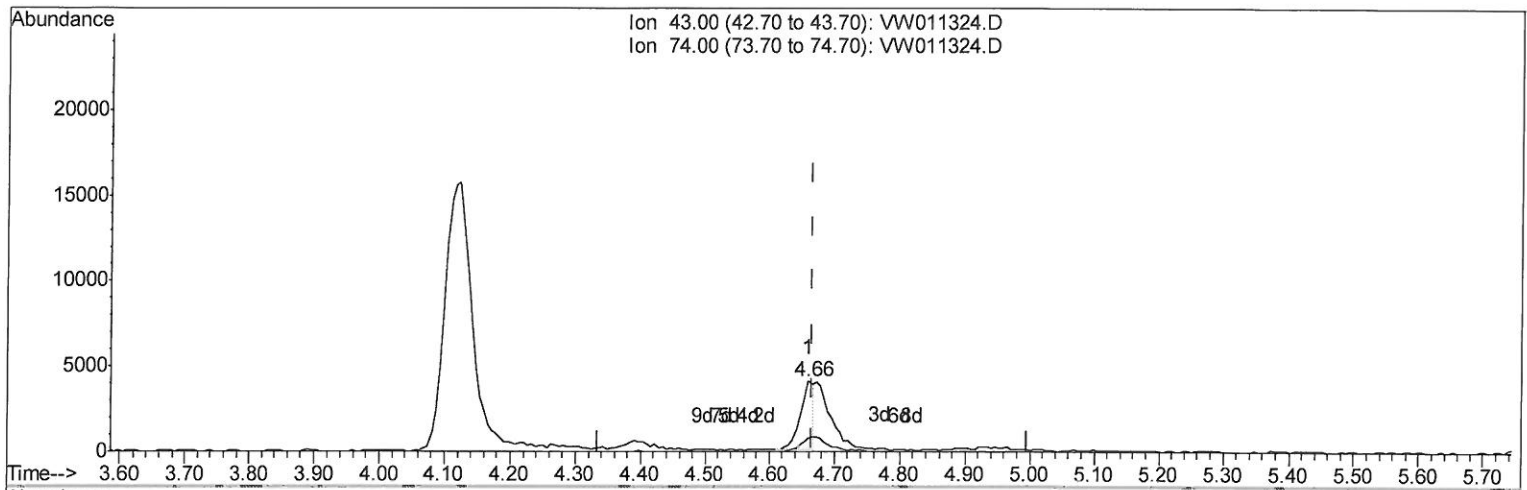
Data File : VW011324.D  
Acq On : 17 Jul 2019 23:39  
Operator : SY/VA  
Sample : K3863-05  
Misc : 2.94G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A52G1

Manual Integrations  
APPROVED

MMDadoda  
7/22/2019 1:44:51 AM

Quant Time: Jul 18 06:41:57 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 18 06:37:55 2019  
Response via : Initial Calibration



TIC: VW011324.D

(15) Methyl Acetate (T)

4.659min (-0.006) 2.49ug/L

response 5539

| Ion   | Exp%  | Act%   |
|-------|-------|--------|
| 43.00 | 100   | 100    |
| 74.00 | 18.90 | 46.51# |
| 0.00  | 0.00  | 0.00   |
| 0.00  | 0.00  | 0.00   |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW071719\  
Quantitation Report (Qedit)

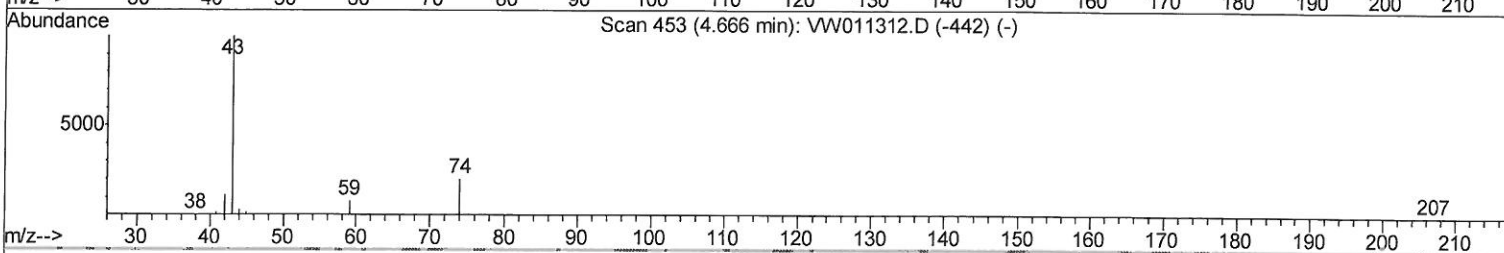
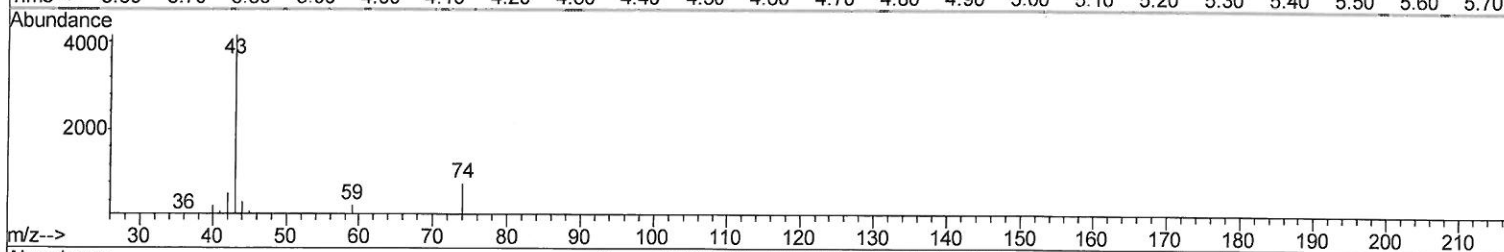
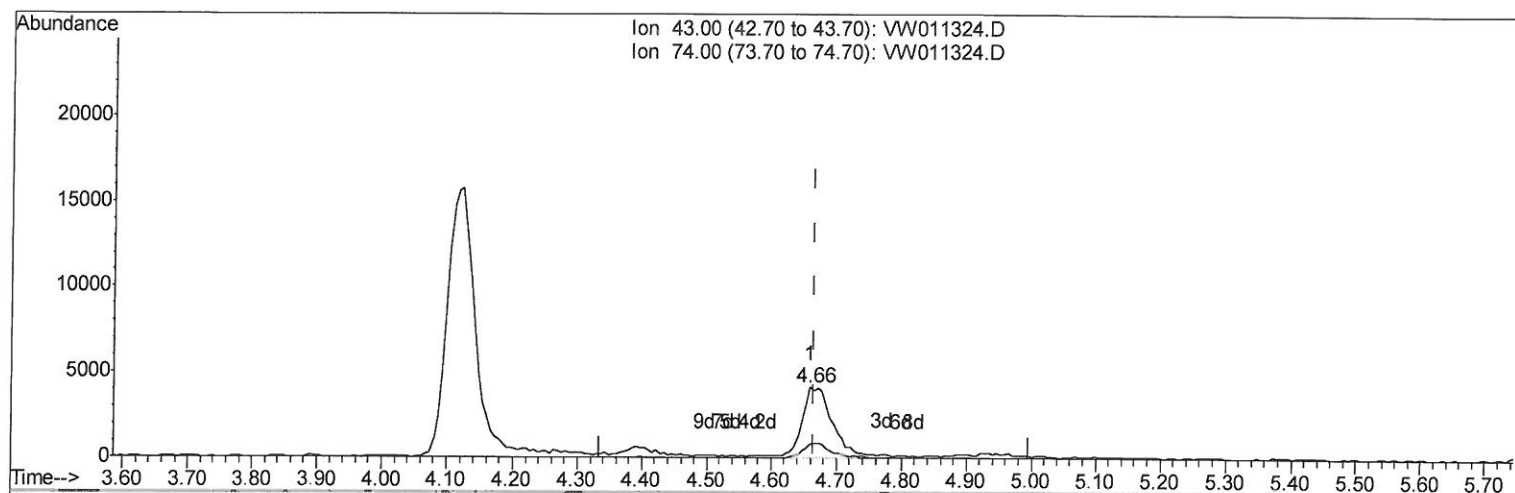
Data File : VW011324.D  
Acq On : 17 Jul 2019 23:39  
Operator : SY/VA  
Sample : K3863-05  
Misc : 2.94G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A52G1

Manual Integrations  
APPROVED

MMDadoda  
7/22/2019 1:44:51 AM

Quant Time: Jul 18 06:41:57 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 18 06:37:55 2019  
Response via : Initial Calibration



TIC: VW011324.D

(15) Methyl Acetate (T)

4.659min (-0.006) 5.96ug/L m

response 13248

| Ion   | Exp%  | Act%  |
|-------|-------|-------|
| 43.00 | 100   | 100   |
| 74.00 | 18.90 | 19.44 |
| 0.00  | 0.00  | 0.00  |
| 0.00  | 0.00  | 0.00  |

207/18/19 sy

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW071719\  
Quantitation Report (QT Reviewed)

Data File : VW011324.D  
Acq On : 17 Jul 2019 23:39  
Operator : SY/VA  
Sample : K3863-05  
Misc : 2.94G/10ML/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
A52G1

Manual Integrations  
APPROVED

MMDadoda  
7/22/2019 1:44:51 AM

Quant Time: Jul 18 07:28:49 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM070219S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Jul 18 06:37:55 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.84  | 114  | 232595   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.63 | 117  | 182923   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 59587    | 25.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |          |
|--------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3           | 2.34   | 65    | 52804    | 14.87    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 59.48%   |
| 7) Chloroethane-d5             | 2.89   | 69    | 44908    | 18.02    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.08%   |
| 10) 1,1-Dichloroethene-d2      | 4.01   | 63    | 100842   | 13.41    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 53.64%   |
| 20) 2-Butanone-d5              | 7.07   | 46    | 107564   | 76.88    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 153.76%# |
| 24) Chloroform-d               | 7.65   | 84    | 142743   | 22.39    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 89.56%   |
| 26) 1,2-Dichloroethane-d4      | 8.31   | 65    | 97763    | 24.90    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 99.60%   |
| 29) Benzene-d6                 | 8.27   | 84    | 270924   | 24.04    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 96.16%   |
| 33) 1,2-Dichloropropane-d6     | 9.27   | 67    | 99856    | 27.21    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 108.84%  |
| 37) Toluene-d8                 | 10.32  | 98    | 210920   | 21.00    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 84.00%   |
| 38) trans-1,3-Dichloropropene- | 10.57  | 79    | 35689    | 22.87    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 91.48%   |
| 39) 2-Hexanone-d5              | 10.92  | 63    | 70068    | 83.26    | ug/L | 0.00     |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 166.52%# |
| 48) 1,1,2,2-Tetrachloroethane- | 12.69  | 84    | 97343    | 32.07    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 128.28%# |
| 61) 1,2-Dichlorobenzene-d4     | 13.85  | 152   | 50781    | 22.20    | ug/L | 0.00     |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 88.80%   |

#### Target Compounds

|                              |      |    |         |         | Qvalue  |
|------------------------------|------|----|---------|---------|---------|
| 5) Vinyl chloride            | 2.35 | 62 | 31328   | 7.728   | ug/L 93 |
| 13) Acetone                  | 4.12 | 43 | 45593   | 33.364  | ug/L 99 |
| 14) Carbon disulfide         | 4.38 | 76 | 26522   | 3.033   | ug/L 99 |
| 15) Methyl Acetate           | 4.66 | 43 | 13248m  | 5.958   | ug/L 91 |
| 18) trans-1,2-Dichloroethene | 5.42 | 96 | 13283   | 4.300   | ug/L 99 |
| 22) cis-1,2-Dichloroethene   | 7.17 | 96 | 1873611 | 560.390 | ug/L 99 |
| 35) Trichloroethene          | 9.09 | 95 | 125201  | 43.397  | ug/L 99 |

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