

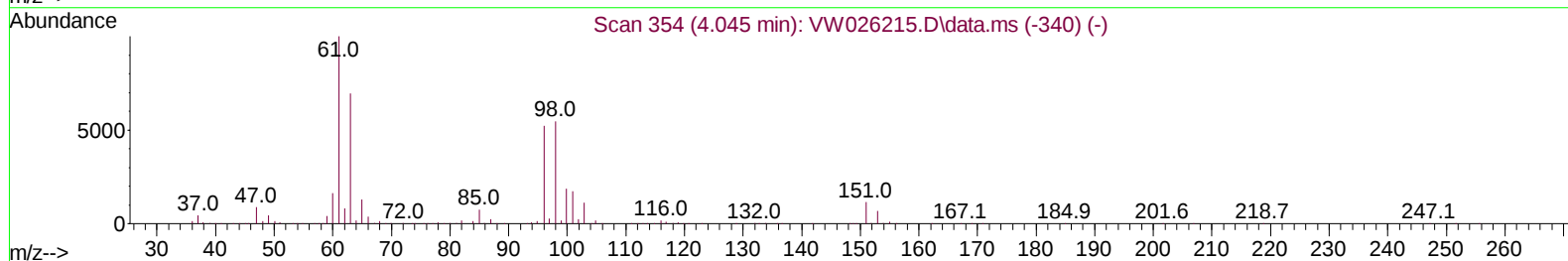
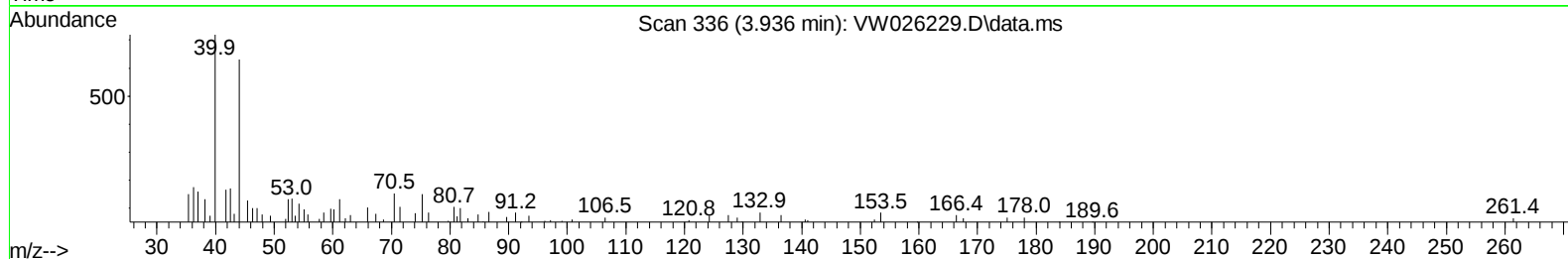
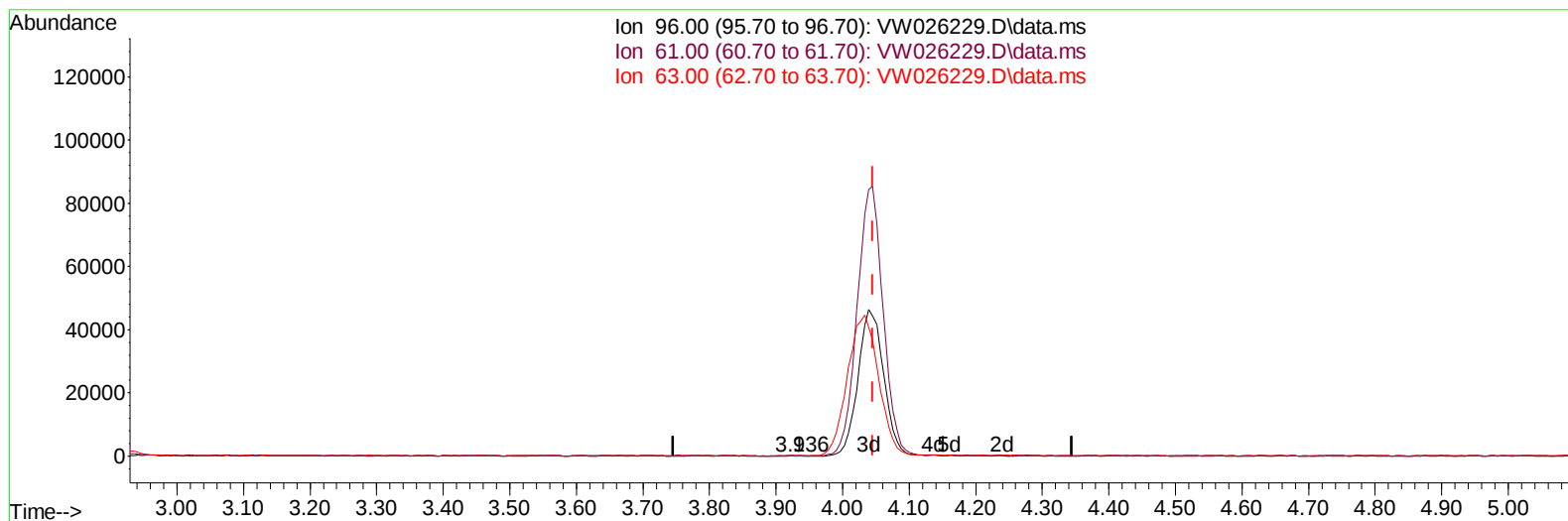
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061623\  
 Data File : VW026229.D  
 Acq On : 16 Jun 2023 15:41  
 Operator : SY/MD  
 Sample : 03307-09MSD  
 Misc : 6.06g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW10MSD

Manual IntegrationsAPPROVED

Quant Time: Jun 17 00:05:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 23:58:43 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 06/19/2023  
 Supervised By :Mahesh Dadoda 06/22/2023



TIC: VW026229.D\data.ms

(12) 1,1-Dichloroethene (T)

3.936min (-0.110) 0.01 ug/L

response 20

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 200.80 | 235.71 |
| 63.00 | 188.10 | 133.93 |
| 0.00  | 0.00   | 0.00   |

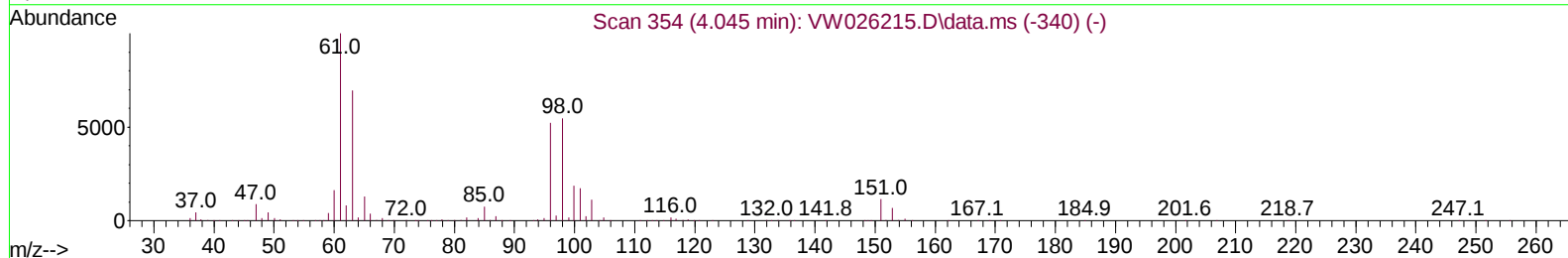
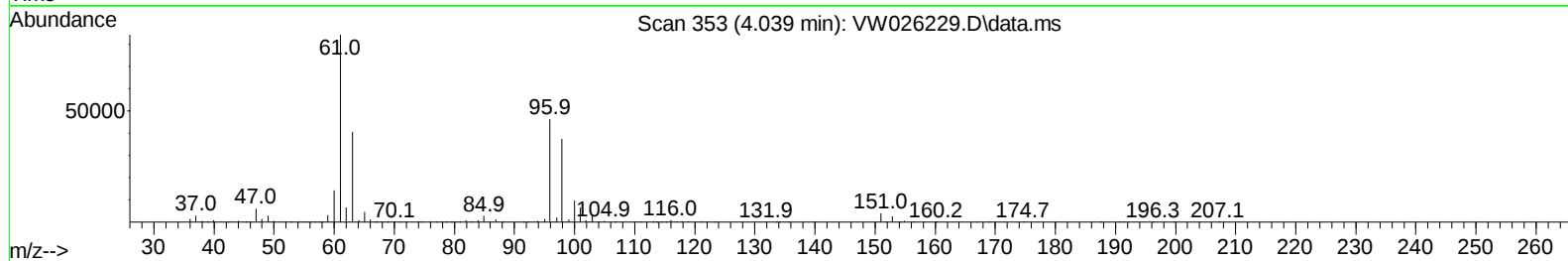
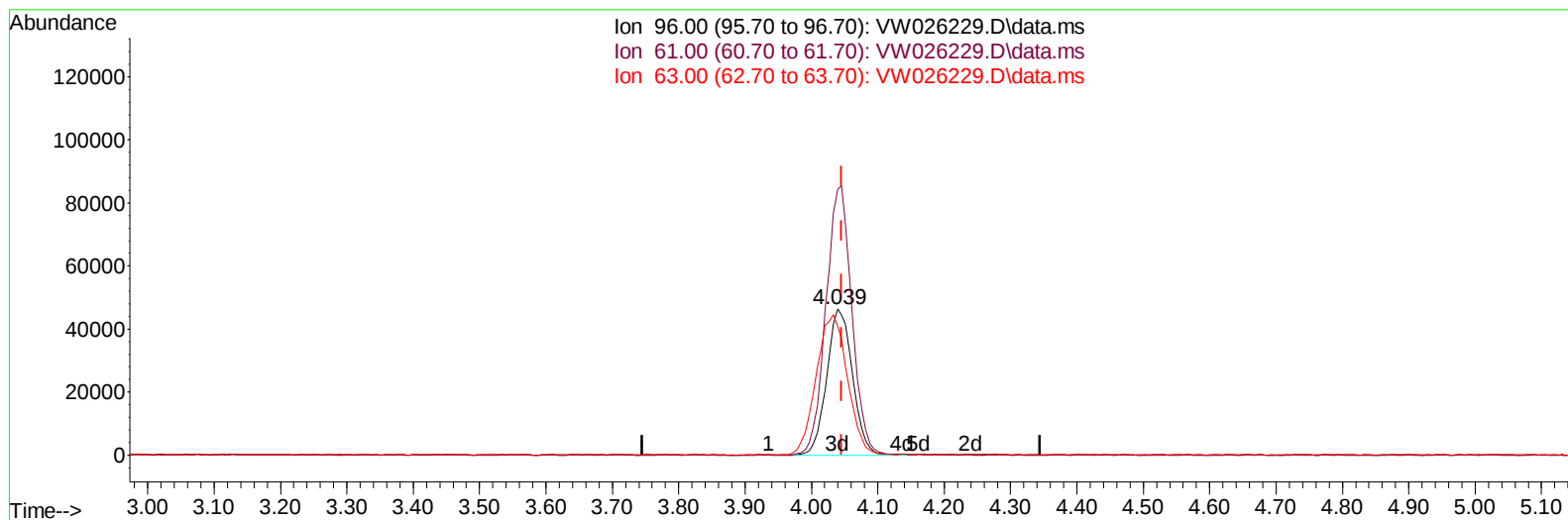
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## Manual IntegrationsAPPROVED

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Quant Time: Jun 17 00:05:28 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 23:58:43 2023  
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TIC: VW026229.D\data.ms

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

4.039min (-0.006) 60.63 ug/L m

response 124945

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 200.80 | 181.97 |
| 63.00 | 188.10 | 87.82# |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061623\  
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 Sample : 03307-09MSD  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0  
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 Response via : Initial Calibration

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| Compound                      | R.T.     | QIon  | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------|-------|------------|----------|-------|----------|
| -----                         |          |       |            |          |       |          |
| Internal Standards            |          |       |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 161860     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 145202     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 65971      | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |          |       |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.357    | 65    | 44372      | 19.487   | ug/L  | -0.01    |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery = | 77.960%  |       |          |
| 7) Chloroethane-d5            | 2.887    | 69    | 40592      | 23.814   | ug/L  | -0.01    |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery = | 95.240%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.015    | 65    | 22799      | 20.306   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery = | 81.240%  |       |          |
| 21) 2-Butanone-d5             | 7.081    | 46    | 40295      | 60.784   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery = | 121.560% |       |          |
| 24) Chloroform-d              | 7.654    | 84    | 105615     | 22.282   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery = | 89.120%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 61805      | 23.846   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery = | 95.400%  |       |          |
| 32) Benzene-d6                | 8.276    | 84    | 197663     | 20.231   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery = | 80.920%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.276    | 67    | 67090      | 21.674   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery = | 86.680%  |       |          |
| 41) Toluene-d8                | 10.319   | 98    | 158523     | 18.295   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery = | 73.200%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 23459      | 19.125   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery = | 76.520%  |       |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 16075      | 32.936   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery = | 65.880%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 64651      | 28.702   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery = | 114.800% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848   | 152   | 49130      | 19.457   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery = | 77.840%  |       |          |
| Target Compounds              |          |       |            |          |       |          |
|                               |          |       |            |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.009    | 85    | 57266      | 28.861   | ug/L  | 91       |
| 3) Chloromethane              | 2.216    | 50    | 66683      | 26.210   | ug/L  | 99       |
| 5) Vinyl chloride             | 2.369    | 62    | 80455      | 29.584   | ug/L  | 99       |
| 6) Bromomethane               | 2.789    | 94    | 40021      | 26.995   | ug/L  | 92       |
| 8) Chloroethane               | 2.924    | 64    | 46155      | 31.407   | ug/L  | 94       |
| 9) Trichlorofluoromethane     | 3.265    | 101   | 99136      | 56.663   | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.070    | 101   | 67473      | 30.563   | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 4.039    | 96    | 124945m    | 60.629   | ug/L  |          |
| 13) Acetone                   | 4.125    | 43    | 50116      | 97.701   | ug/L  | 100      |
| 14) Carbon disulfide          | 4.387    | 76    | 176358     | 24.242   | ug/L  | 97       |
| 15) Methyl Acetate            | 4.667    | 43    | 36716      | 31.892   | ug/L  | 98       |
| 16) Methylene chloride        | 4.911    | 84    | 76869      | 29.755   | ug/L  | 96       |
| 17) trans-1,2-Dichloroethene  | 5.435    | 96    | 56713      | 24.528   | ug/L  | 96       |
| 18) Methyl tert-butyl Ether   | 5.429    | 73    | 121341     | 33.297   | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 6.216    | 63    | 125386     | 26.637   | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 7.173    | 96    | 60964      | 24.892   | ug/L  | 99       |
| 22) 2-Butanone                | 7.173    | 43    | 53766      | 73.479   | ug/L  | 99       |
| 23) Bromochloromethane        | 7.514    | 128   | 25908      | 24.804   | ug/L  | 94       |

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 23:58:43 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 25) Chloroform                | 7.679  | 83   | 111520   | 25.436 | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 86883    | 28.733 | ug/L  | 100      |
| 29) Cyclohexane               | 7.959  | 56   | 108035   | 24.100 | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 7.868  | 97   | 112425   | 31.906 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 84879    | 26.397 | ug/L  | 99       |
| 33) Benzene                   | 8.325  | 78   | 246689   | 24.801 | ug/L  | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 63163    | 24.799 | ug/L  | 98       |
| 35) Methylcyclohexane         | 9.337  | 83   | 107331   | 23.815 | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 69407    | 25.762 | ug/L  | 98       |
| 38) Bromodichloromethane      | 9.642  | 83   | 77482    | 24.755 | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75   | 87063    | 21.990 | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 82766    | 52.107 | ug/L  | 98       |
| 42) Toluene                   | 10.386 | 91   | 241465   | 23.734 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 75161    | 22.787 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 49211    | 27.715 | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.861 | 164  | 44487    | 24.694 | ug/L  | 91       |
| 48) 2-Hexanone                | 10.965 | 43   | 48443    | 43.254 | ug/L  | 95       |
| 49) Dibromochloromethane      | 11.129 | 129  | 45689    | 24.542 | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 42157    | 25.642 | ug/L  | 99       |
| 51) Chlorobenzene             | 11.654 | 112  | 142297   | 22.320 | ug/L  | 98       |
| 52) Ethylbenzene              | 11.727 | 91   | 244938   | 21.342 | ug/L  | 98       |
| 53) m,p-Xylene                | 11.837 | 106  | 91766    | 21.494 | ug/L  | 97       |
| 54) o-Xylene                  | 12.166 | 106  | 86354    | 21.429 | ug/L  | 93       |
| 55) Styrene                   | 12.178 | 104  | 148811   | 21.525 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 63497    | 29.549 | ug/L  | 97       |
| 59) Bromoform                 | 12.349 | 173  | 27548    | 27.802 | ug/L  | 98       |
| 60) Isopropylbenzene          | 12.458 | 105  | 247354   | 23.868 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 47164    | 31.916 | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 178931   | 21.719 | ug/L  | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.251 | 105  | 156832   | 20.784 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 103033   | 23.645 | ug/L  | 94       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 97826    | 22.299 | ug/L  | 95       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 92546    | 23.651 | ug/L  | 90       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 9472     | 27.666 | ug/L  | 92       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 64243    | 21.462 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 47399    | 19.191 | ug/L  | 99       |
| 71) Naphthalene               | 15.360 | 128  | 78104    | 17.743 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 45456    | 21.058 | ug/L  | 99       |

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

