

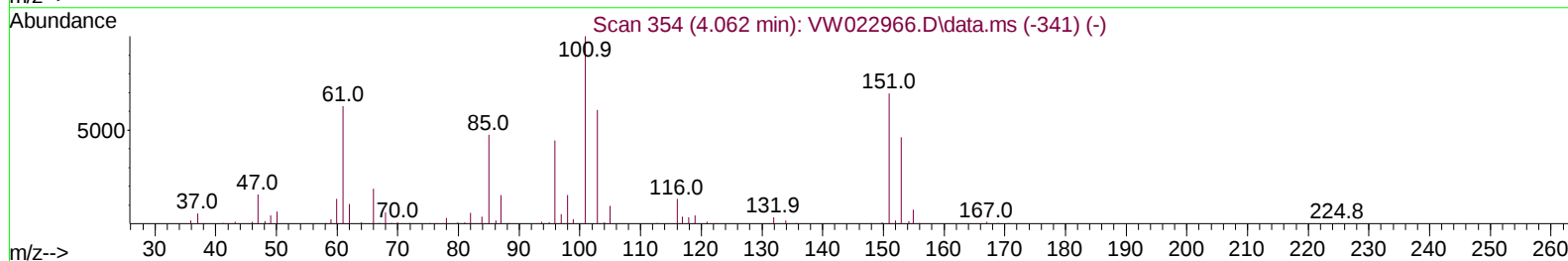
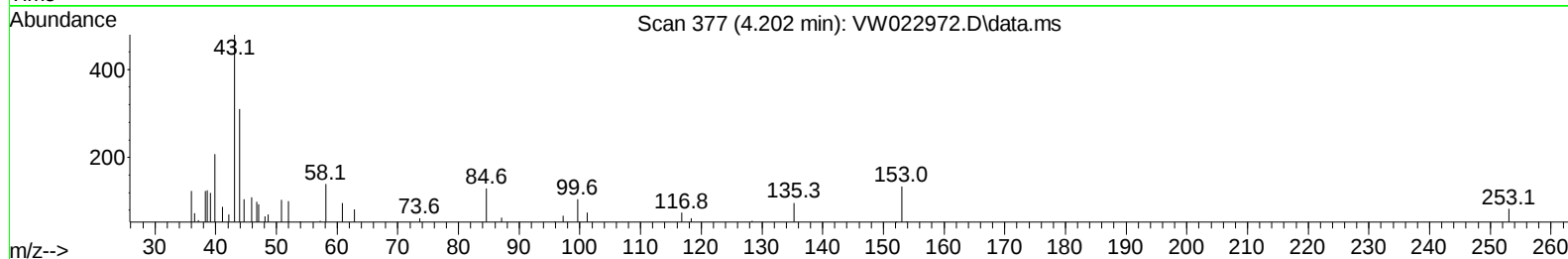
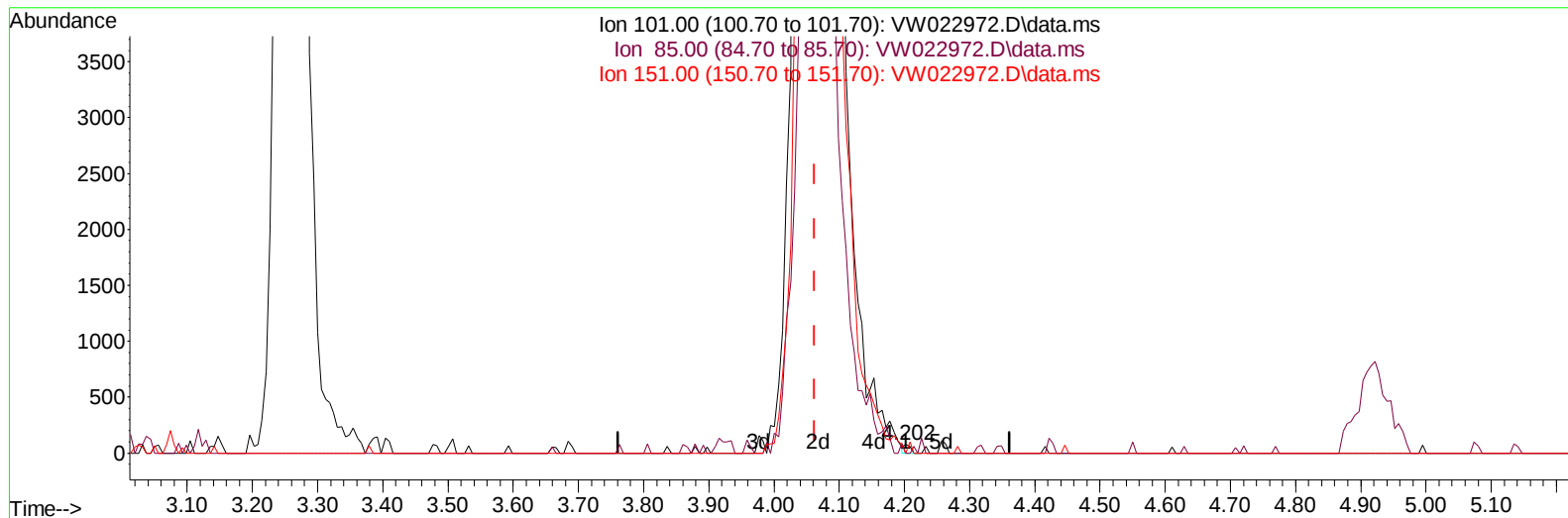
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
Data File : VW022972.D  
Acq On : 11 May 2022 11:41  
Operator : SY/VA  
Sample : N2766-03REMSD  
Misc : 7.80g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4F3REMSD

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022  
Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 12 01:09:41 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu May 12 01:07:03 2022  
Response via : Initial Calibration



TIC: VW022972.D\data.ms

## (10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)

4.202min (+ 0.140) 0.02 ug/L

response 49

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 101.00 | 100.00 | 100.00 |
| 85.00  | 42.90  | 44.90  |
| 151.00 | 67.70  | 73.47  |
| 0.00   | 0.00   | 0.00   |

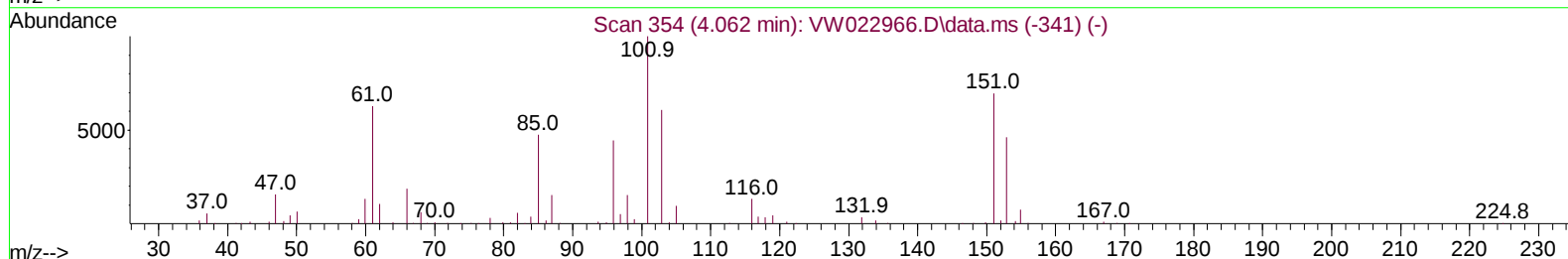
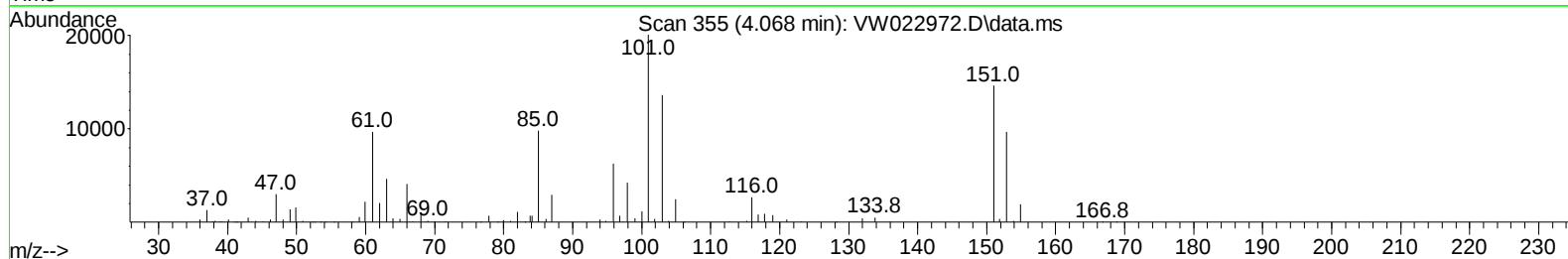
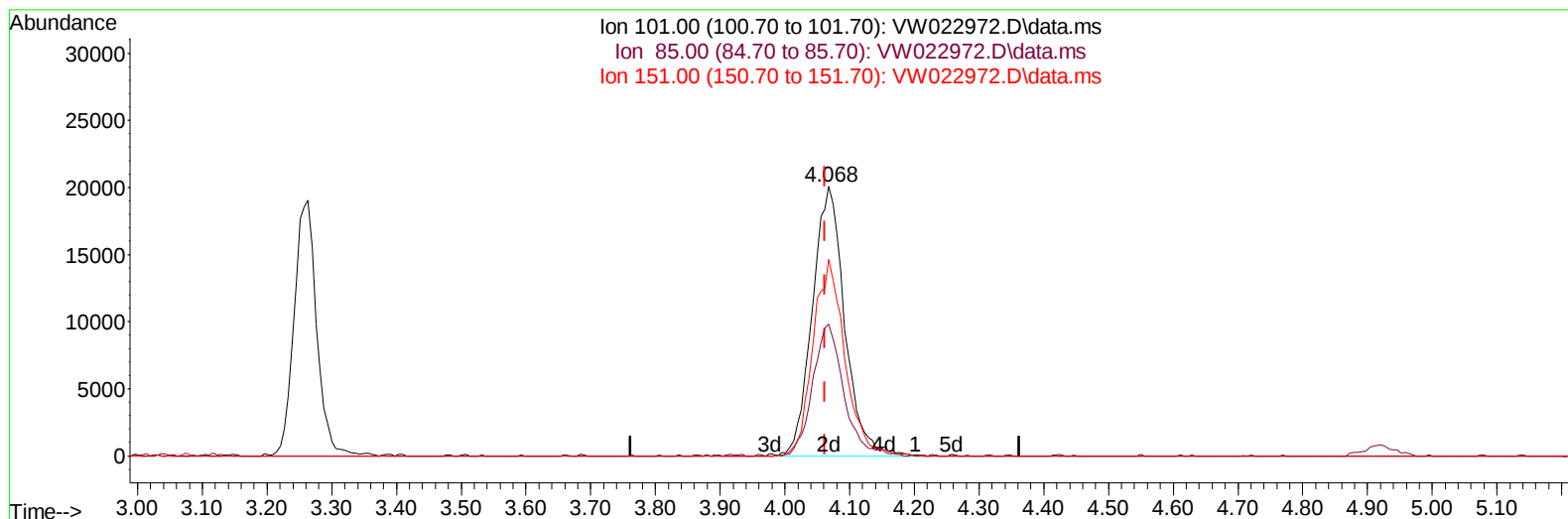
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 MSVOA\_W  
 ClientSampleId :  
 EW4F3REMSD

Manual IntegrationsAPPROVED

Quant Time: May 12 01:09:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 12 01:07:03 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/15/2022  
 Supervised By :Mahesh Dadoda 05/16/2022



TIC: VW022972.D\data.ms

**(10) 1,1,2-Trichloro-1,2,2-trifluoroethane (T)**

**4.068min (+ 0.006) 27.76 ug/L m**

**response 69741**

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 101.00 | 100.00 | 100.00 |
| 85.00  | 42.90  | 0.03#  |
| 151.00 | 67.70  | 0.05#  |
| 0.00   | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051122\  
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 MSVOA\_W  
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Manual IntegrationsAPPROVED

Quant Time: May 12 01:09:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 12 01:07:03 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 05/15/2022  
 Supervised By :Mahesh Dadoda 05/16/2022

| Compound                      | R.T.     | QIon  | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------|-------|------------|-----------|--------|----------|
| -----                         |          |       |            |           |        |          |
| Internal Standards            |          |       |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 173898     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 83251      | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 14965      | 25.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |          |       |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.355    | 65    | 87991      | 24.663    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery = | 98.640%   |        |          |
| 7) Chloroethane-d5            | 2.885    | 69    | 71306      | 30.721    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery = | 122.880%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.025    | 63    | 94139      | 20.421    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery = | 81.680%   |        |          |
| 21) 2-Butanone-d5             | 7.074    | 46    | 65245      | 96.182    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery = | 192.360%# |        |          |
| 24) Chloroform-d              | 7.653    | 84    | 152192     | 29.872    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery = | 119.480%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 90029      | 32.219    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery = | 128.880%  |        |          |
| 32) Benzene-d6                | 8.275    | 84    | 250679     | 52.241    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery = | 208.960%# |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 90596      | 67.212    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery = | 268.840%# |        |          |
| 41) Toluene-d8                | 10.323   | 98    | 155443     | 33.534    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery = | 134.120%# |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 19968      | 32.173    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery = | 128.680%  |        |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    | 42836      | 166.472   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery = | 332.940%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 90370      | 71.930    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery = | 287.720%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 19399      | 37.083    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery = | 148.320%# |        |          |
| Target Compounds              |          |       |            |           |        |          |
|                               |          |       |            |           | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.007    | 85    | 21039      | 22.194    | ug/L   | 97       |
| 3) Chloromethane              | 2.215    | 50    | 61199      | 33.408    | ug/L   | 96       |
| 5) Vinyl chloride             | 2.361    | 62    | 103699     | 28.207    | ug/L   | 100      |
| 6) Bromomethane               | 2.776    | 94    | 67483      | 28.589    | ug/L   | 99       |
| 8) Chloroethane               | 2.922    | 64    | 54789      | 30.899    | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 3.263    | 101   | 45851      | 27.287    | ug/L   | 96       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068    | 101   | 69741m     | 27.758    | ug/L   |          |
| 12) 1,1-Dichloroethene        | 4.044    | 96    | 48063      | 21.579    | ug/L   | 80       |
| 13) Acetone                   | 4.123    | 43    | 49727      | 97.913    | ug/L   | 98       |
| 14) Carbon disulfide          | 4.385    | 76    | 92160      | 15.093    | ug/L   | 96       |
| 15) Methyl Acetate            | 4.678    | 43    | 37697      | 36.947    | ug/L   | 100      |
| 16) Methylene chloride        | 4.915    | 84    | 77143      | 30.317    | ug/L   | 97       |
| 17) trans-1,2-Dichloroethene  | 5.428    | 96    | 50320      | 20.076    | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 5.421    | 73    | 152452     | 39.844    | ug/L # | 90       |
| 19) 1,1-Dichloroethane        | 6.220    | 63    | 125113     | 29.452    | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 7.171    | 96    | 64285      | 23.879    | ug/L # | 94       |
| 22) 2-Butanone                | 7.171    | 43    | 56567      | 79.643    | ug/L   | 100      |
| 23) Bromochloromethane        | 7.513    | 128   | 37449      | 29.703    | ug/L   | 91       |

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 Misc : 7.80g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4F3REMSD

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022  
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 12 01:09:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 12 01:07:03 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 25) Chloroform                | 7.677  | 83   | 135256   | 28.795  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 90688    | 28.963  | ug/L   | 99       |
| 29) Cyclohexane               | 7.958  | 56   | 67139    | 37.290  | ug/L   | 97       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 123728   | 62.890  | ug/L   | 100      |
| 31) Carbon tetrachloride      | 8.073  | 117  | 94462    | 51.329  | ug/L   | 100      |
| 33) Benzene                   | 8.323  | 78   | 242011   | 49.346  | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 34862    | 25.847  | ug/L   | 99       |
| 35) Methylcyclohexane         | 9.335  | 83   | 53281    | 24.047  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 69274    | 58.369  | ug/L   | 98       |
| 38) Bromodichloromethane      | 9.646  | 83   | 87764    | 52.062  | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 65803    | 35.757  | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 112915   | 150.944 | ug/L   | 99       |
| 42) Toluene                   | 10.390 | 91   | 174954   | 31.831  | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 49300    | 30.014  | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 56986    | 57.437  | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.860 | 164  | 20654    | 20.377  | ug/L   | 85       |
| 48) 2-Hexanone                | 10.969 | 43   | 77657    | 155.370 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.128 | 129  | 55840    | 46.763  | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 11.237 | 107  | 39145    | 39.292  | ug/L # | 97       |
| 51) Chlorobenzene             | 11.658 | 112  | 74511    | 20.563  | ug/L   | 95       |
| 52) Ethylbenzene              | 11.725 | 91   | 116794   | 19.100  | ug/L   | 99       |
| 53) m,p-Xylene                | 11.835 | 106  | 45549    | 18.905  | ug/L   | 96       |
| 54) o-Xylene                  | 12.164 | 106  | 68053    | 29.434  | ug/L   | 91       |
| 55) Styrene                   | 12.176 | 104  | 63161    | 16.077  | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 74625    | 60.219  | ug/L   | 99       |
| 59) Bromoform                 | 12.347 | 173  | 25104    | 118.370 | ug/L   | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 127743   | 62.310  | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 53391    | 178.556 | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 63652    | 55.807  | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 74291    | 43.379  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 20483    | 22.378  | ug/L   | 90       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 19126    | 20.230  | ug/L   | 97       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 28547    | 34.082  | ug/L   | 93       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 8798     | 134.630 | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 9392     | 15.458  | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 4315     | 8.829   | ug/L   | 95       |
| 71) Naphthalene               | 15.359 | 128  | 27676    | 26.053  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 5772     | 13.325  | ug/L   | 97       |

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

