

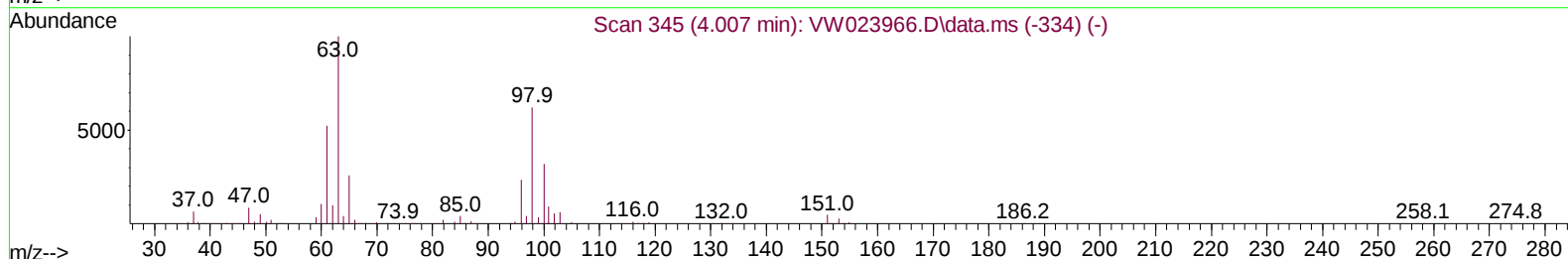
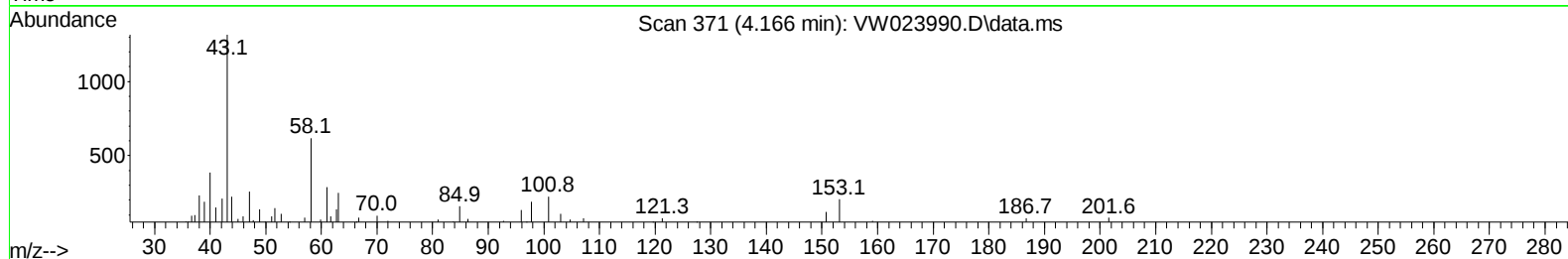
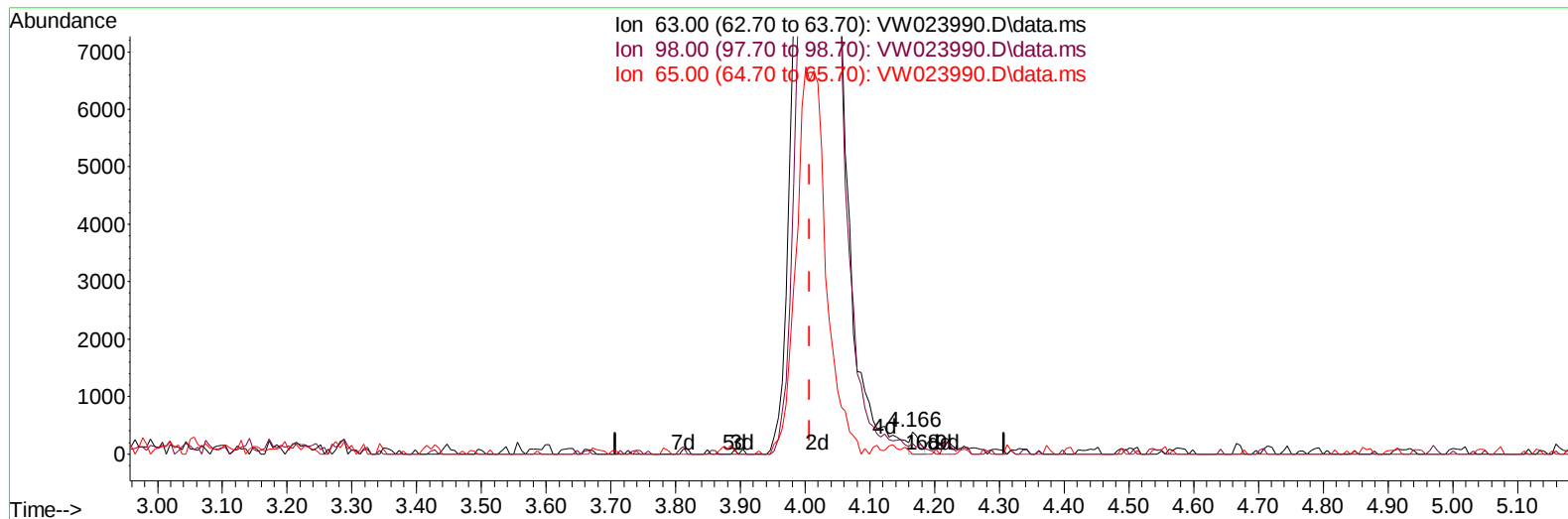
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW023990.D  
 Acq On : 22 Jul 2022 07:56  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:03:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 01:28:21 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/23/2022  
 Supervised By :Mahesh Dadoda 07/24/2022



TIC: VW023990.D\data.ms

**(11) 1,1-Dichloroethene-d2 (S)**

**4.166min (+ 0.158) 0.08 ug/L**

**response 359**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 68.20  | 71.03  |
| 65.00 | 24.10  | 17.83  |
| 0.00  | 0.00   | 0.00   |

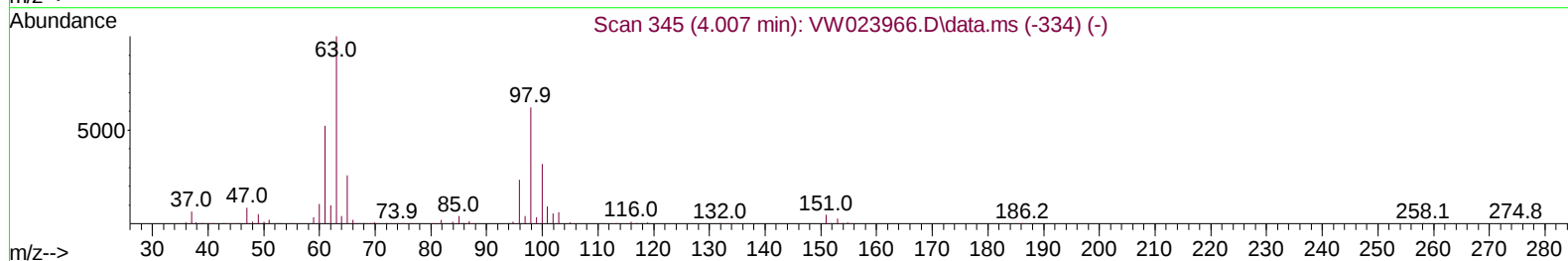
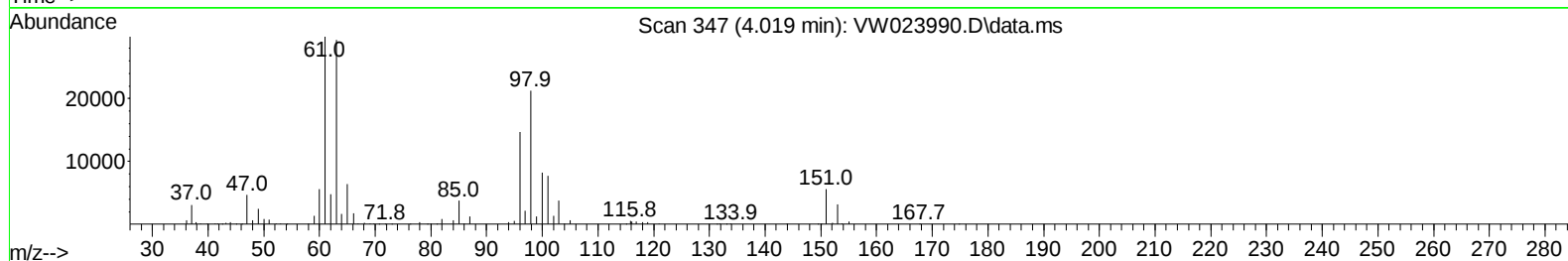
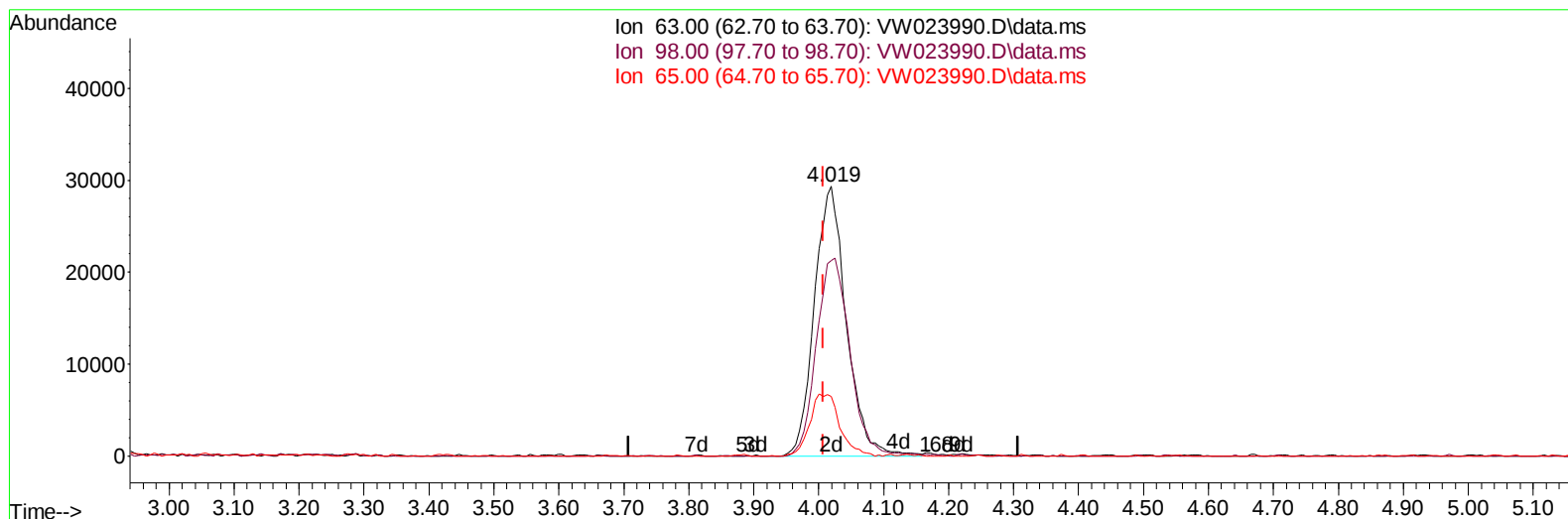
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW023990.D  
 Acq On : 22 Jul 2022 07:56  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:03:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 01:28:21 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/23/2022  
 Supervised By :Mahesh Dadoda 07/24/2022



TIC: VW023990.D\data.ms

**(11) 1,1-Dichloroethene-d2 (S)**

**4.019min (+ 0.012) 21.25 ug/L m**

**response 100201**

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 63.00 | 100.00 | 100.00 |
| 98.00 | 68.20  | 0.25#  |
| 65.00 | 24.10  | 0.06#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW023990.D  
 Acq On : 22 Jul 2022 07:56  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:03:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 01:28:21 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/23/2022  
 Supervised By :Mahesh Dadoda 07/24/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.835    | 114   | 226680   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 241664   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 146276   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.343    | 65    | 110908   | 19.156 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 76.640%  |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 75580    | 19.568 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 78.280%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.019    | 63    | 100201m  | 21.254 | ug/L     | 0.01     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 85.000%  |          |
| 21) 2-Butanone-d5             | 7.074    | 46    | 42941    | 47.817 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 95.640%  |          |
| 24) Chloroform-d              | 7.647    | 84    | 153027   | 23.187 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 92.760%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.299    | 65    | 87889    | 21.774 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 87.080%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 274804   | 21.875 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 87.520%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.268    | 67    | 84212    | 22.254 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 89.000%  |          |
| 41) Toluene-d8                | 10.323   | 98    | 273530   | 21.466 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 85.880%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 38154    | 21.511 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 86.040%  |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    | 39794    | 50.011 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 100.020% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 106159   | 25.386 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 101.560% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 117120   | 22.429 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 89.720%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 2.001    | 85    | 32752    | 21.262 | ug/L     | 98       |
| 3) Chloromethane              | 2.215    | 50    | 91299    | 24.202 | ug/L     | 99       |
| 5) Vinyl chloride             | 2.355    | 62    | 156534   | 24.165 | ug/L     | 99       |
| 6) Bromomethane               | 2.769    | 94    | 99981    | 23.862 | ug/L     | 95       |
| 8) Chloroethane               | 2.916    | 64    | 71478    | 23.586 | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 3.245    | 101   | 83340    | 28.303 | ug/L     | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.050    | 101   | 77824    | 27.007 | ug/L     | 99       |
| 12) 1,1-Dichloroethene        | 4.031    | 96    | 58145    | 24.198 | ug/L     | 92       |
| 13) Acetone                   | 4.123    | 43    | 33330    | 52.495 | ug/L     | 100      |
| 14) Carbon disulfide          | 4.379    | 76    | 151578   | 21.444 | ug/L     | 97       |
| 15) Methyl Acetate            | 4.672    | 43    | 36392    | 25.610 | ug/L     | 100      |
| 16) Methylene chloride        | 4.909    | 84    | 79775    | 22.506 | ug/L     | 94       |
| 17) trans-1,2-Dichloroethene  | 5.421    | 96    | 73723    | 25.287 | ug/L     | 95       |
| 18) Methyl tert-butyl Ether   | 5.428    | 73    | 118689   | 26.314 | ug/L     | 99       |
| 19) 1,1-Dichloroethane        | 6.208    | 63    | 147416   | 27.412 | ug/L     | 100      |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 86946    | 26.919 | ug/L #   | 96       |
| 22) 2-Butanone                | 7.171    | 43    | 54469    | 52.203 | ug/L     | 98       |
| 23) Bromochloromethane        | 7.506    | 128   | 42742    | 27.547 | ug/L     | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072222\  
 Data File : VW023990.D  
 Acq On : 22 Jul 2022 07:56  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jul 22 23:03:08 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 22 01:28:21 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/23/2022  
 Supervised By :Mahesh Dadoda 07/24/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 25) Chloroform                | 7.671  | 83   | 173113   | 27.942 | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 8.396  | 62   | 121332   | 26.609 | ug/L   | 99       |
| 29) Cyclohexane               | 7.951  | 56   | 110746   | 25.056 | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97   | 141906   | 27.120 | ug/L   | 98       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 127584   | 27.048 | ug/L   | 96       |
| 33) Benzene                   | 8.317  | 78   | 361546   | 26.327 | ug/L   | 100      |
| 34) Trichloroethene           | 9.085  | 95   | 90996    | 25.092 | ug/L   | 96       |
| 35) Methylcyclohexane         | 9.335  | 83   | 140928   | 25.520 | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 94759    | 27.523 | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.640  | 83   | 137820   | 28.681 | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 136608   | 26.325 | ug/L   | 95       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 134237   | 56.029 | ug/L   | 99       |
| 42) Toluene                   | 10.384 | 91   | 429257   | 27.408 | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 137435   | 27.864 | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 81555    | 27.090 | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.859 | 164  | 73030    | 26.044 | ug/L   | 96       |
| 48) 2-Hexanone                | 10.963 | 43   | 101098   | 57.958 | ug/L   | 100      |
| 49) Dibromochloromethane      | 11.128 | 129  | 98300    | 28.156 | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 79835    | 27.603 | ug/L # | 95       |
| 51) Chlorobenzene             | 11.658 | 112  | 289997   | 27.454 | ug/L   | 95       |
| 52) Ethylbenzene              | 11.725 | 91   | 504302   | 28.335 | ug/L   | 95       |
| 53) m,p-Xylene                | 11.835 | 106  | 198677   | 28.612 | ug/L   | 95       |
| 54) o-Xylene                  | 12.164 | 106  | 191851   | 28.769 | ug/L   | 97       |
| 55) Styrene                   | 12.176 | 104  | 350451   | 29.747 | ug/L   | 95       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 116688   | 28.417 | ug/L   | 99       |
| 59) Bromoform                 | 12.347 | 173  | 58878    | 27.297 | ug/L   | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 530784   | 27.013 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 82217    | 25.633 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 443848   | 27.591 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 452356   | 28.125 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 239582   | 26.855 | ug/L   | 93       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 254739   | 26.839 | ug/L   | 100      |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 234139   | 27.828 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 18874    | 25.513 | ug/L   | 87       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 158167   | 26.785 | ug/L   | 92       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 129725   | 28.450 | ug/L   | 98       |
| 71) Naphthalene               | 15.359 | 128  | 280101   | 28.637 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 119061   | 28.014 | ug/L   | 98       |

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

