

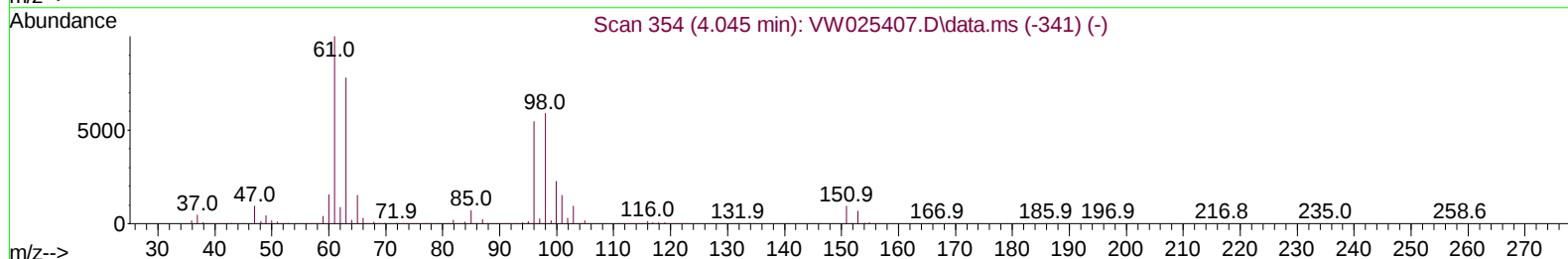
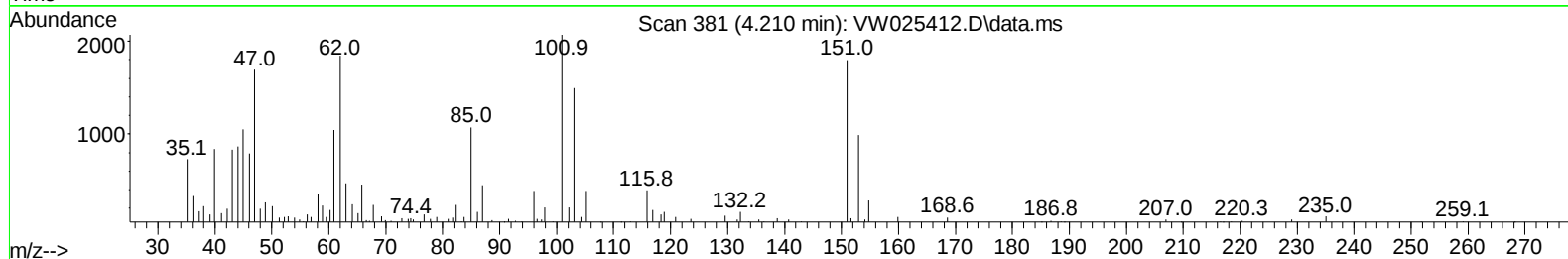
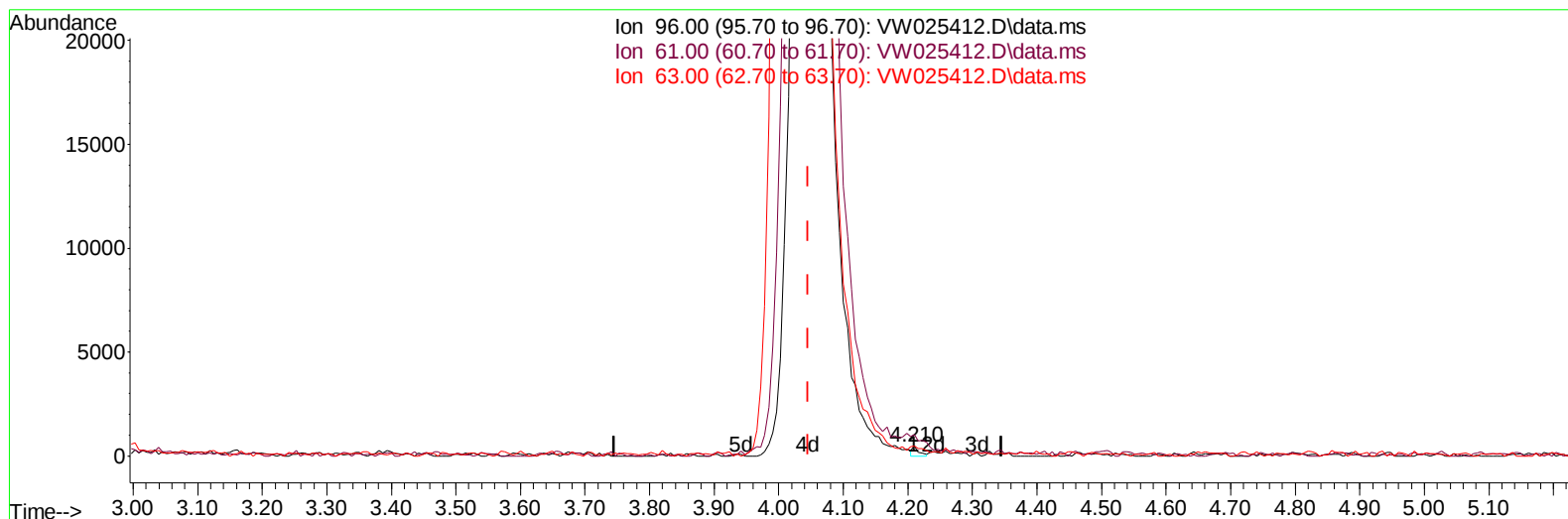
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031723\  
 Data File : VW025412.D  
 Acq On : 17 Mar 2023 12:04  
 Operator : SY/MD  
 Sample : 01927-13MSD  
 Misc : 5.93g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCAQ8MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 17 21:41:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM030623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Mar 17 21:39:25 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/20/2023  
 Supervised By :Mahesh Dadoda 03/20/2023



TIC: VW025412.D\data.ms

(12) 1,1-Dichloroethene (T)

4.210min (+ 0.165) 0.03 ug/L

response 321

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 186.70 | 220.08 |
| 63.00 | 126.20 | 98.73  |
| 0.00  | 0.00   | 0.00   |

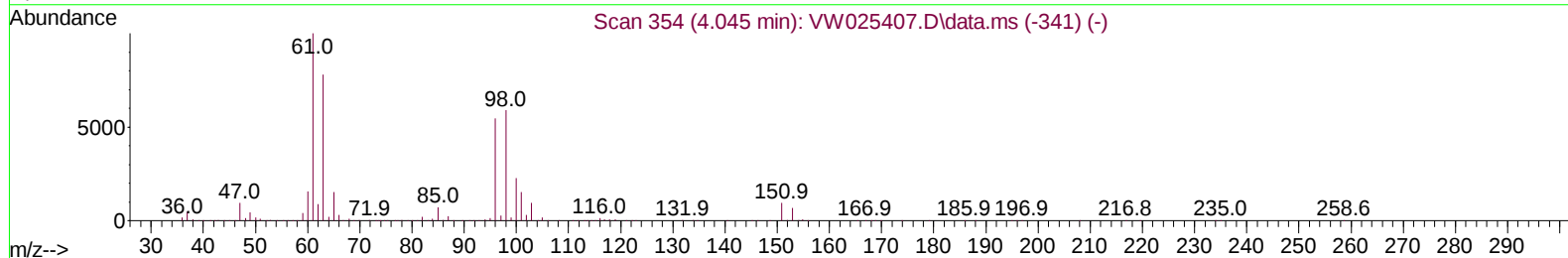
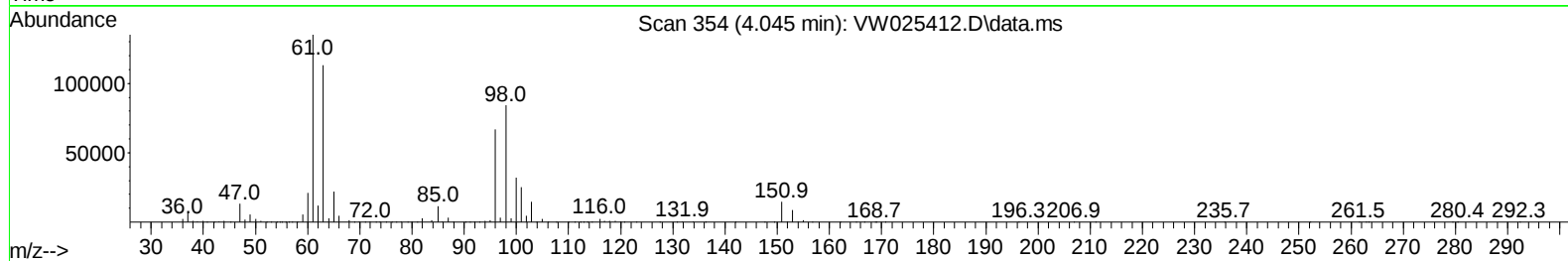
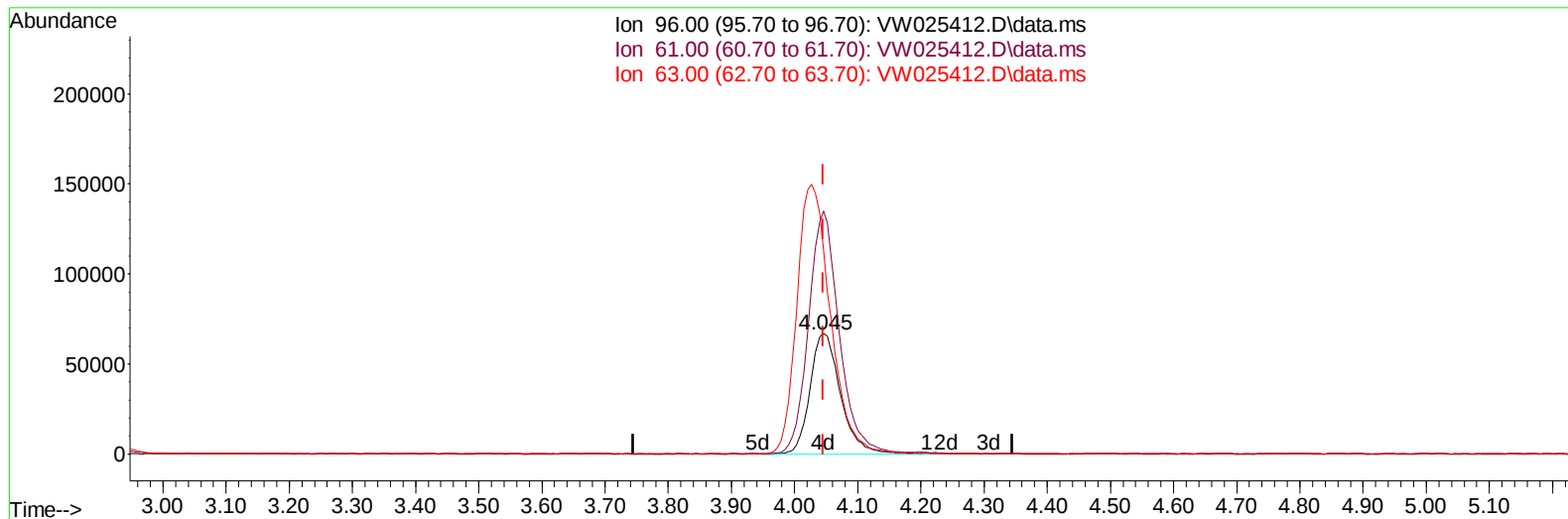
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Manual IntegrationsAPPROVED

Quant Time: Mar 17 21:41:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM030623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Mar 17 21:39:25 2023  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 03/20/2023  
 Supervised By :Mahesh Dadoda 03/20/2023



TIC: VW025412.D\data.ms

(12) 1,1-Dichloroethene (T)

4.045min (+ 0.000) 23.52 ug/L m

response 222812

| Ion   | Exp%   | Act%    |
|-------|--------|---------|
| 96.00 | 100.00 | 100.00  |
| 61.00 | 186.70 | 202.03  |
| 63.00 | 126.20 | 169.24# |
| 0.00  | 0.00   | 0.00    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW031723\  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DCAQ8MSD

Manual IntegrationsAPPROVED

Quant Time: Mar 17 21:41:19 2023  
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 Quant Title : SFAM01.0  
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| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.843    | 114   | 759607   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.629   | 117   | 612426   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556   | 152   | 232390   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.363    | 65    | 265224   | 21.000 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 84.000%  |          |
| 7) Chloroethane-d5            | 2.899    | 69    | 205502   | 22.613 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 90.440%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.027    | 63    | 549920   | 22.543 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 90.160%  |          |
| 21) 2-Butanone-d5             | 7.075    | 46    | 127652   | 41.176 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 82.360%  |          |
| 24) Chloroform-d              | 7.648    | 84    | 528695   | 24.143 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 96.560%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.307    | 65    | 277894   | 23.643 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 94.560%  |          |
| 32) Benzene-d6                | 8.276    | 84    | 1083406  | 25.890 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 103.560% |          |
| 36) 1,2-Dichloropropane-d6    | 9.270    | 67    | 337260   | 26.052 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 104.200% |          |
| 41) Toluene-d8                | 10.325   | 98    | 918592   | 24.897 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 99.600%  |          |
| 43) trans-1,3-Dichloroprop... | 10.575   | 79    | 109438   | 21.230 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 84.920%  |          |
| 47) 2-Hexanone-d5             | 10.922   | 63    | 81176    | 43.607 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 87.220%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690   | 84    | 213492   | 22.510 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 90.040%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.855   | 152   | 191298   | 22.136 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 88.560%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.015    | 85    | 167742   | 19.323 | ug/L     | 92       |
| 3) Chloromethane              | 2.223    | 50    | 247826   | 24.004 | ug/L     | 97       |
| 5) Vinyl chloride             | 2.375    | 62    | 278091   | 23.841 | ug/L     | 100      |
| 6) Bromomethane               | 2.790    | 94    | 129217   | 20.779 | ug/L     | 97       |
| 8) Chloroethane               | 2.930    | 64    | 163848   | 24.440 | ug/L     | 98       |
| 9) Trichlorofluoromethane     | 3.265    | 101   | 213471   | 21.144 | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.070    | 101   | 218701   | 22.338 | ug/L     | 96       |
| 12) 1,1-Dichloroethene        | 4.045    | 96    | 222812m  | 23.522 | ug/L     |          |
| 13) Acetone                   | 4.119    | 43    | 105670   | 35.458 | ug/L     | 99       |
| 14) Carbon disulfide          | 4.393    | 76    | 706045   | 23.973 | ug/L     | 98       |
| 15) Methyl Acetate            | 4.667    | 43    | 83757    | 14.981 | ug/L     | 100      |
| 16) Methylene chloride        | 4.917    | 84    | 246021   | 23.260 | ug/L     | 94       |
| 17) trans-1,2-Dichloroethene  | 5.429    | 96    | 237620   | 23.930 | ug/L     | 92       |
| 18) Methyl tert-butyl Ether   | 5.429    | 73    | 350707   | 23.460 | ug/L     | 100      |
| 19) 1,1-Dichloroethane        | 6.222    | 63    | 501756   | 24.401 | ug/L     | 98       |
| 20) cis-1,2-Dichloroethene    | 7.173    | 96    | 262504   | 24.145 | ug/L #   | 100      |
| 22) 2-Butanone                | 7.173    | 43    | 144028   | 37.360 | ug/L     | 98       |
| 23) Bromochloromethane        | 7.514    | 128   | 105915   | 22.654 | ug/L     | 90       |

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 MSVOA\_W  
 ClientSampleId :  
 DCAQ8MSD

## Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 03/20/2023

Quant Time: Mar 17 21:41:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM030623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Mar 17 21:39:25 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 25) Chloroform                | 7.679  | 83   | 463309   | 23.968 | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 301054   | 23.337 | ug/L   | 99       |
| 29) Cyclohexane               | 7.953  | 56   | 417797   | 24.168 | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 359350   | 24.683 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 316096   | 24.222 | ug/L   | 99       |
| 33) Benzene                   | 8.325  | 78   | 1029895  | 26.303 | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 253496   | 24.667 | ug/L   | 97       |
| 35) Methylcyclohexane         | 9.337  | 83   | 346755   | 19.587 | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 275891   | 25.598 | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.642  | 83   | 312464   | 24.858 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 337610   | 21.743 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 304463   | 47.000 | ug/L   | 100      |
| 42) Toluene                   | 10.386 | 91   | 1027444  | 25.414 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 277429   | 21.336 | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 172760   | 23.868 | ug/L   | 99       |
| 46) Tetrachloroethene         | 10.861 | 164  | 164141   | 22.447 | ug/L   | 98       |
| 48) 2-Hexanone                | 10.965 | 43   | 208101   | 44.652 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.130 | 129  | 181973   | 23.530 | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 149859   | 22.367 | ug/L # | 99       |
| 51) Chlorobenzene             | 11.654 | 112  | 578247   | 22.537 | ug/L   | 97       |
| 52) Ethylbenzene              | 11.727 | 91   | 1051494  | 22.805 | ug/L   | 100      |
| 53) m,p-Xylene                | 11.837 | 106  | 388831   | 22.864 | ug/L   | 99       |
| 54) o-Xylene                  | 12.166 | 106  | 367877   | 22.988 | ug/L   | 95       |
| 55) Styrene                   | 12.178 | 104  | 601078   | 21.995 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 190804   | 21.192 | ug/L   | 98       |
| 59) Bromoform                 | 12.349 | 173  | 89844    | 26.797 | ug/L   | 99       |
| 60) Isopropylbenzene          | 12.459 | 105  | 946693   | 27.327 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 142107   | 28.067 | ug/L   | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 719304   | 26.217 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 693388   | 25.654 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 328506   | 22.379 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 331875   | 22.041 | ug/L   | 93       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 292041   | 22.182 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 14.483 | 75   | 27657    | 23.595 | ug/L # | 92       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 156093   | 15.643 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 108330   | 13.094 | ug/L   | 99       |
| 71) Naphthalene               | 15.360 | 128  | 253021   | 15.493 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 91585    | 12.324 | ug/L   | 95       |

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

## Manual IntegrationsAPPROVED

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