

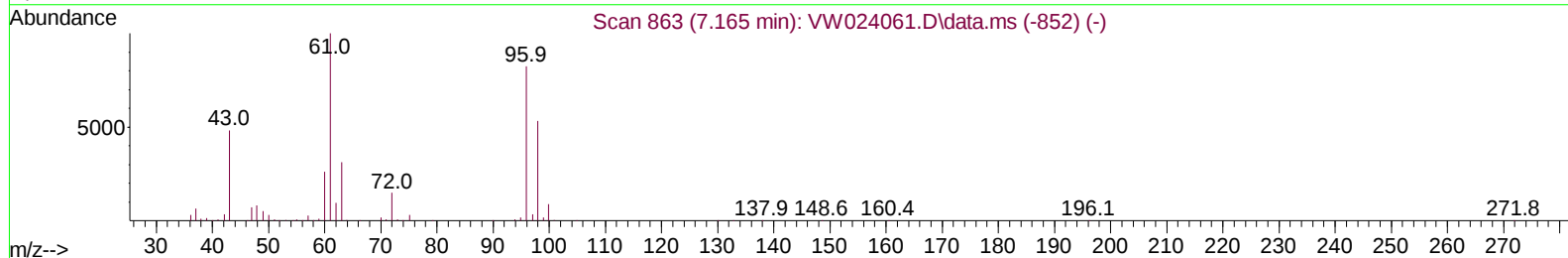
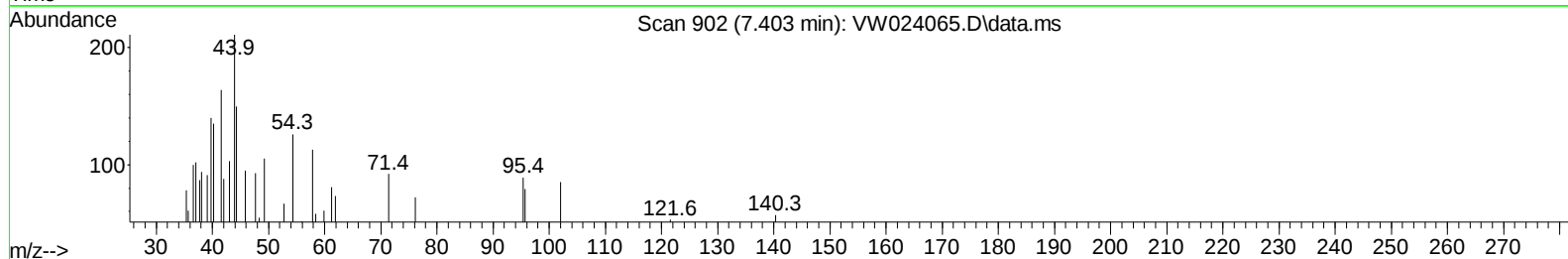
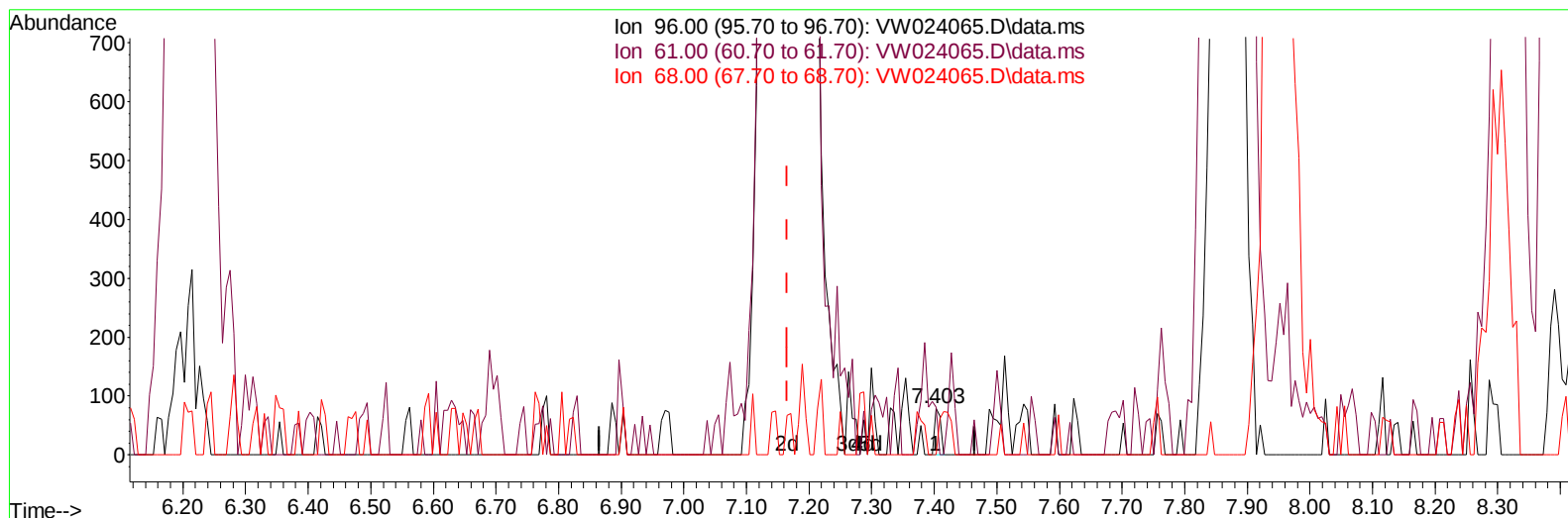
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072522\  
 Data File : VW024065.D  
 Acq On : 25 Jul 2022 11:36  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:21:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072522SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 26 01:19:43 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/26/2022  
 Supervised By :Mahesh Dadoda 07/26/2022



TIC: VW024065.D\data.ms

**(20) cis-1,2-Dichloroethene (T)**

7.403min (+ 0.238) 0.02 ug/L

response 53

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 121.80 | 102.53 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

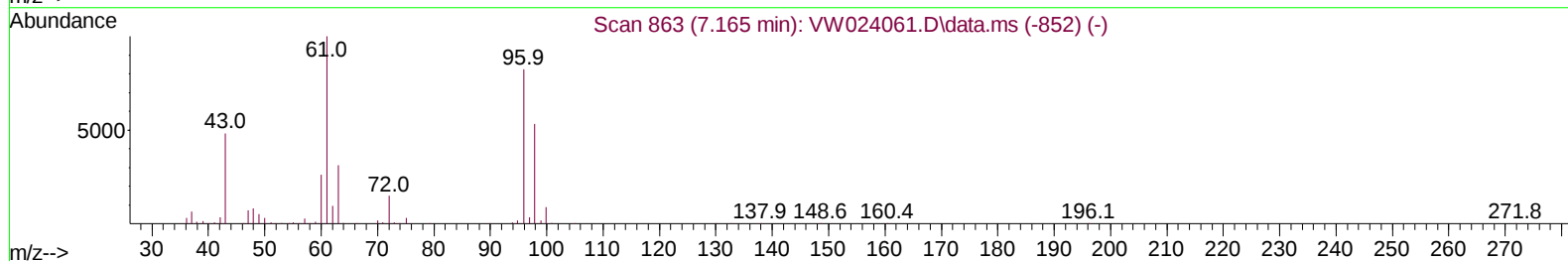
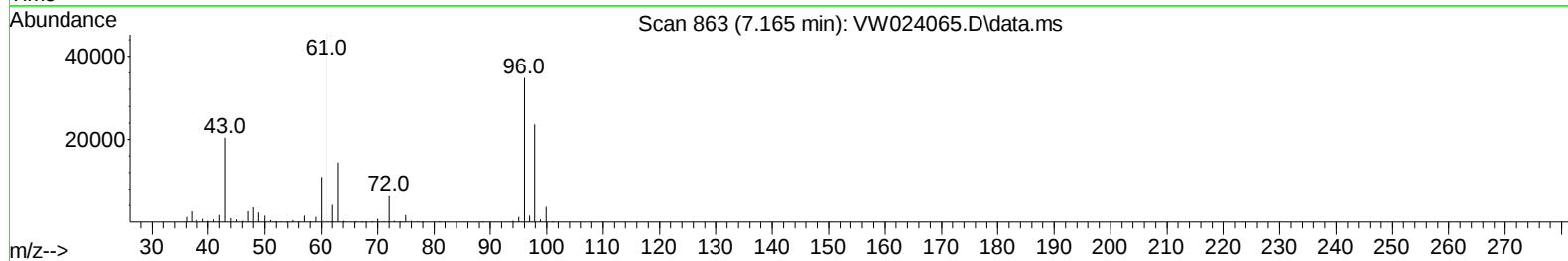
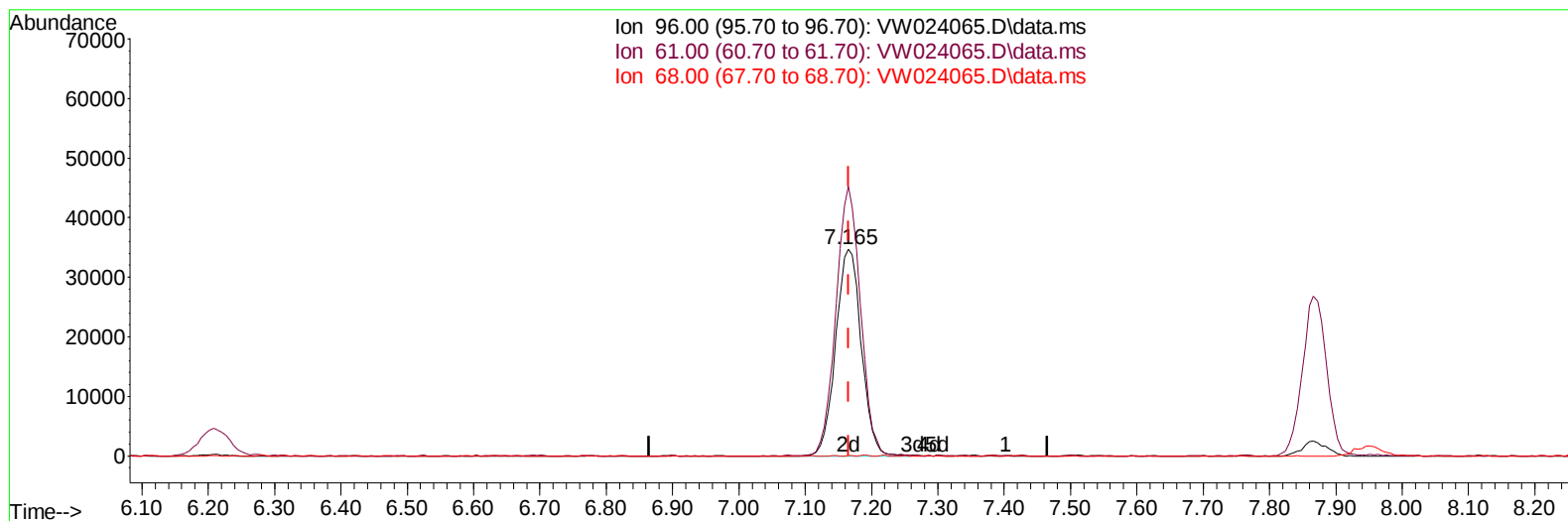
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072522\  
 Data File : VW024065.D  
 Acq On : 25 Jul 2022 11:36  
 Operator : SY/VA  
 Sample : VSTDCCC025  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:21:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072522SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 26 01:19:43 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/26/2022  
 Supervised By :Mahesh Dadoda 07/26/2022



TIC: VW024065.D\data.ms

**(20) cis-1,2-Dichloroethene (T)**

7.165min (-0.000) 26.75 ug/L m

response 92941

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 121.80 | 130.10 |
| 68.00 | 0.00   | 0.19#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072522\  
 Data File : VW024065.D  
 Acq On : 25 Jul 2022 11:36  
 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 26 01:21:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072522SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 26 01:19:43 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/26/2022  
 Supervised By :Mahesh Dadoda 07/26/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.842    | 114   | 244827   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 256330   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 151191   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.343    | 65    | 148968   | 28.386 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 113.560% |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 92907    | 26.202 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 104.800% |          |
| 11) 1,1-Dichloroethene-d2     | 4.013    | 63    | 119745   | 25.914 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 103.640% |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 50087    | 53.703 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 107.400% |          |
| 24) Chloroform-d              | 7.647    | 84    | 169969   | 25.253 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 101.000% |          |
| 26) 1,2-Dichloroethane-d4     | 8.299    | 65    | 101125   | 26.151 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 104.600% |          |
| 32) Benzene-d6                | 8.275    | 84    | 320329   | 26.902 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 107.600% |          |
| 36) 1,2-Dichloropropane-d6    | 9.275    | 67    | 95613    | 25.458 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 101.840% |          |
| 41) Toluene-d8                | 10.323   | 98    | 321883   | 27.030 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 108.120% |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 43762    | 26.280 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 105.120% |          |
| 47) 2-Hexanone-d5             | 10.921   | 63    | 45003    | 57.315 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 114.640% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689   | 84    | 115137   | 26.569 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 106.280% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 126252   | 25.784 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 103.120% |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    | 2.001    | 85    | 51974    | 28.744 | ug/L     | 91       |
| 3) Chloromethane              | 2.209    | 50    | 125099   | 26.649 | ug/L     | 99       |
| 5) Vinyl chloride             | 2.349    | 62    | 184972   | 25.281 | ug/L     | 100      |
| 6) Bromomethane               | 2.764    | 94    | 101210   | 25.039 | ug/L     | 92       |
| 8) Chloroethane               | 2.904    | 64    | 83313    | 25.884 | ug/L     | 91       |
| 9) Trichlorofluoromethane     | 3.239    | 101   | 76091    | 22.339 | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.044    | 101   | 80037    | 25.372 | ug/L #   | 78       |
| 12) 1,1-Dichloroethene        | 4.032    | 96    | 63465    | 24.545 | ug/L     | 87       |
| 13) Acetone                   | 4.129    | 43    | 32945    | 49.778 | ug/L     | 98       |
| 14) Carbon disulfide          | 4.373    | 76    | 203888   | 25.673 | ug/L     | 97       |
| 15) Methyl Acetate            | 4.666    | 43    | 43645    | 27.337 | ug/L     | 97       |
| 16) Methylene chloride        | 4.909    | 84    | 82256    | 22.074 | ug/L     | 90       |
| 17) trans-1,2-Dichloroethene  | 5.415    | 96    | 81085    | 25.630 | ug/L     | 95       |
| 18) Methyl tert-butyl Ether   | 5.428    | 73    | 131150   | 27.967 | ug/L #   | 89       |
| 19) 1,1-Dichloroethane        | 6.208    | 63    | 151944   | 25.427 | ug/L     | 99       |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 92941m   | 26.753 | ug/L     |          |
| 22) 2-Butanone                | 7.171    | 43    | 59160    | 55.691 | ug/L     | 99       |
| 23) Bromochloromethane        | 7.513    | 128   | 46028    | 25.746 | ug/L     | 96       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072522\  
 Data File : VW024065.D  
 Acq On : 25 Jul 2022 11:36  
 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 26 01:21:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072522SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 26 01:19:43 2022  
 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 07/26/2022  
 Supervised By :Mahesh Dadoda 07/26/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 25) Chloroform                | 7.671  | 83   | 174002   | 25.165 | ug/L   | 96       |
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 130692   | 26.538 | ug/L   | 98       |
| 29) Cyclohexane               | 7.952  | 56   | 129234   | 27.364 | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97   | 144100   | 25.150 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 132996   | 25.181 | ug/L   | 98       |
| 33) Benzene                   | 8.323  | 78   | 390443   | 26.367 | ug/L   | 100      |
| 34) Trichloroethene           | 9.086  | 95   | 98060    | 25.007 | ug/L   | 96       |
| 35) Methylcyclohexane         | 9.329  | 83   | 162190   | 27.225 | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 96840    | 25.867 | ug/L   | 99       |
| 38) Bromodichloromethane      | 9.646  | 83   | 137255   | 25.715 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 145216   | 26.624 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 149330   | 57.323 | ug/L   | 100      |
| 42) Toluene                   | 10.384 | 91   | 448513   | 26.778 | ug/L   | 99       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 143912   | 27.861 | ug/L   | 99       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 84040    | 25.697 | ug/L   | 99       |
| 46) Tetrachloroethene         | 10.860 | 164  | 74956    | 24.423 | ug/L   | 90       |
| 48) 2-Hexanone                | 10.969 | 43   | 111831   | 59.237 | ug/L   | 98       |
| 49) Dibromochloromethane      | 11.128 | 129  | 103147   | 26.992 | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 11.232 | 107  | 86644    | 27.059 | ug/L # | 92       |
| 51) Chlorobenzene             | 11.658 | 112  | 295768   | 26.238 | ug/L   | 95       |
| 52) Ethylbenzene              | 11.725 | 91   | 512094   | 27.742 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.835 | 106  | 197307   | 27.539 | ug/L   | 85       |
| 54) o-Xylene                  | 12.164 | 106  | 195847   | 28.584 | ug/L   | 98       |
| 55) Styrene                   | 12.176 | 104  | 350526   | 28.557 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 121289   | 26.759 | ug/L   | 99       |
| 59) Bromoform                 | 12.347 | 173  | 61791    | 26.440 | ug/L   | 100      |
| 60) Isopropylbenzene          | 12.463 | 105  | 531431   | 27.750 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 86857    | 25.559 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 445211   | 28.897 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 444145   | 28.482 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 245740   | 26.830 | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 13.573 | 146  | 250678   | 25.782 | ug/L   | 94       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 237977   | 27.777 | ug/L   | 95       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 19794    | 26.068 | ug/L   | 89       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 157873   | 27.029 | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 122019   | 27.571 | ug/L   | 96       |
| 71) Naphthalene               | 15.359 | 128  | 302836   | 31.978 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 116978   | 28.099 | ug/L   | 99       |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072522\  
 Data File : VW024065.D  
 Acq On : 25 Jul 2022 11:36  
 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

Reviewed By :Semsettin Yesilyurt 07/26/2022  
 Supervised By :Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 01:21:13 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072522SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 26 01:19:43 2022  
 Response via : Initial Calibration

