

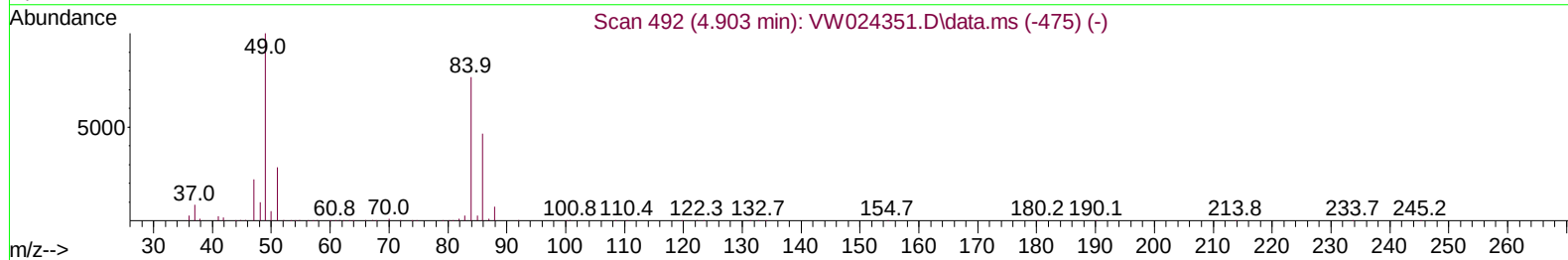
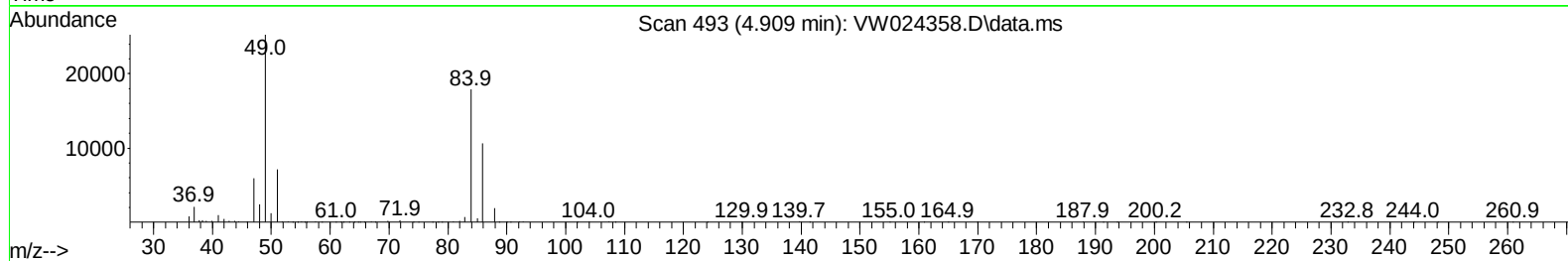
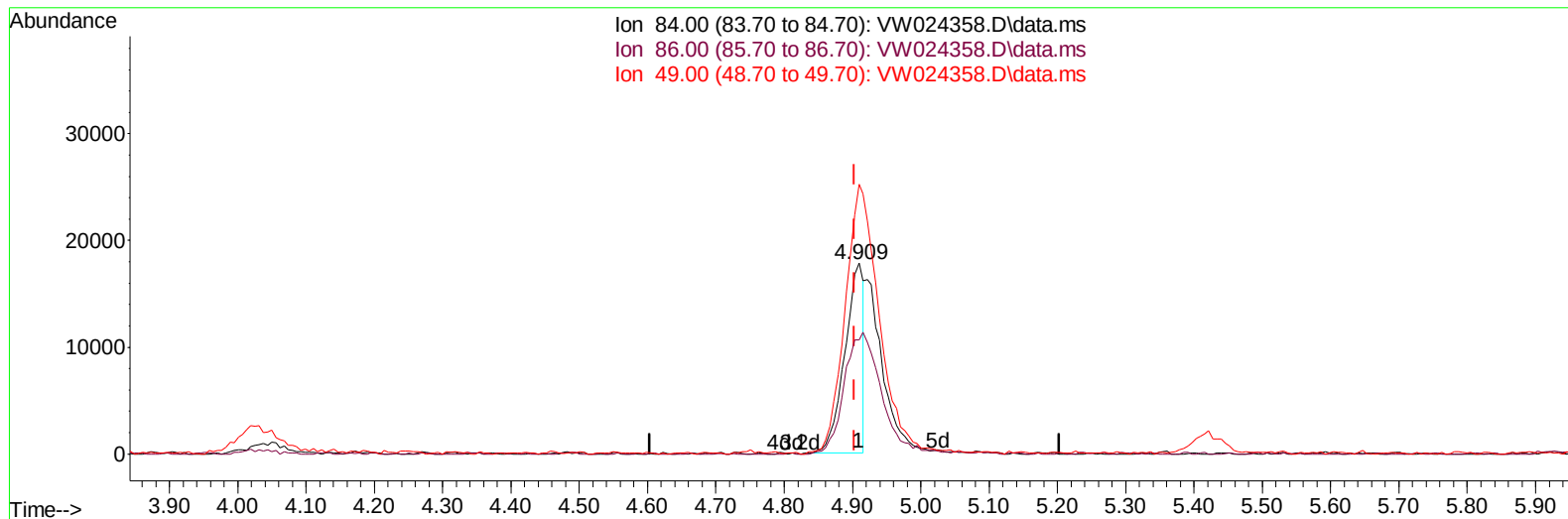
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
Data File : VW024358.D  
Acq On : 26 Aug 2022 18:40  
Operator : SY/VA  
Sample : N4344-14MS  
Misc : 5.48g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
DBVR2MS

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 08/30/2022  
Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 27 00:42:44 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Aug 27 00:35:21 2022  
Response via : Initial Calibration



TIC: VW024358.D\data.ms

## (16) Methylene chloride (T)

4.909min (+ 0.006) 10.53 ug/L

response 33884

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 68.20  | 59.69  |
| 49.00 | 138.00 | 141.16 |
| 0.00  | 0.00   | 0.00   |

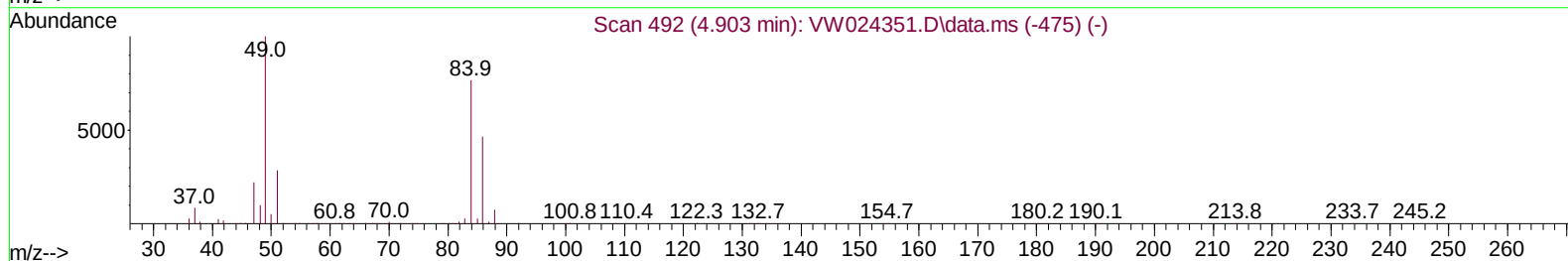
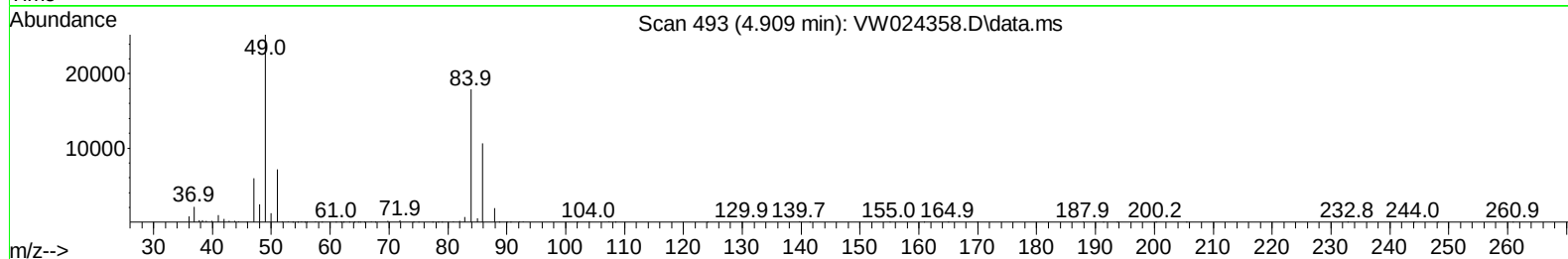
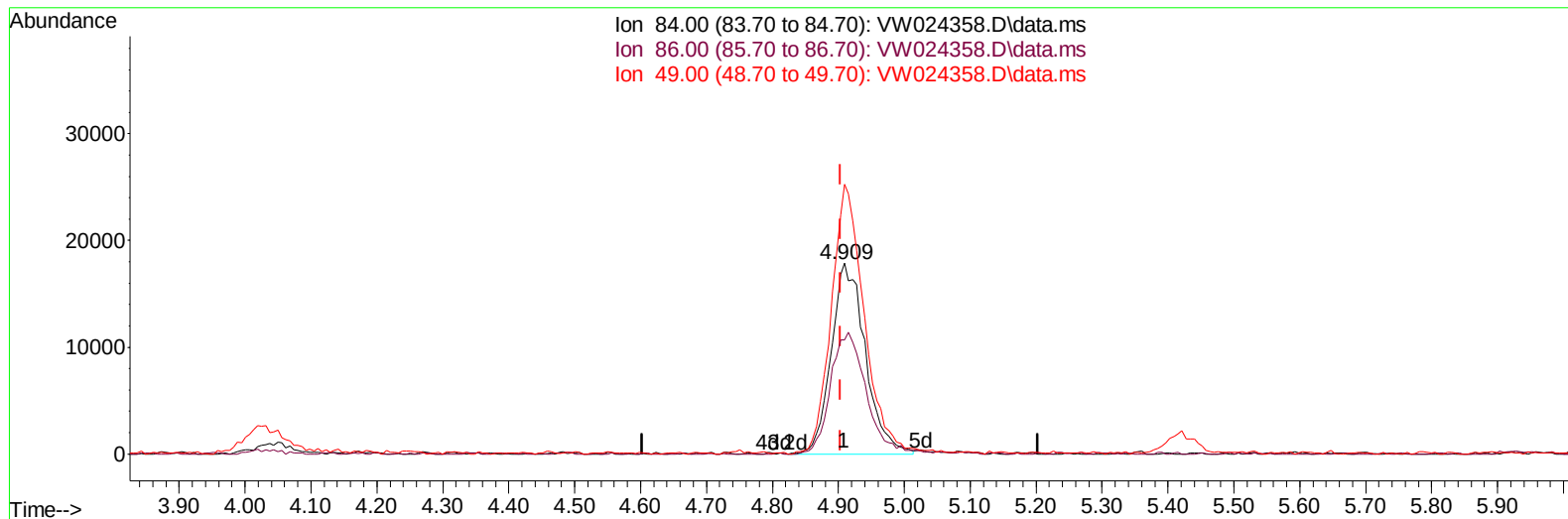
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TIC: VW024358.D\data.ms

## (16) Methylene chloride (T)

4.909min (+ 0.006) 19.92 ug/L m

response 64118

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 84.00 | 100.00 | 100.00 |
| 86.00 | 68.20  | 59.69  |
| 49.00 | 138.00 | 141.16 |
| 0.00  | 0.00   | 0.00   |

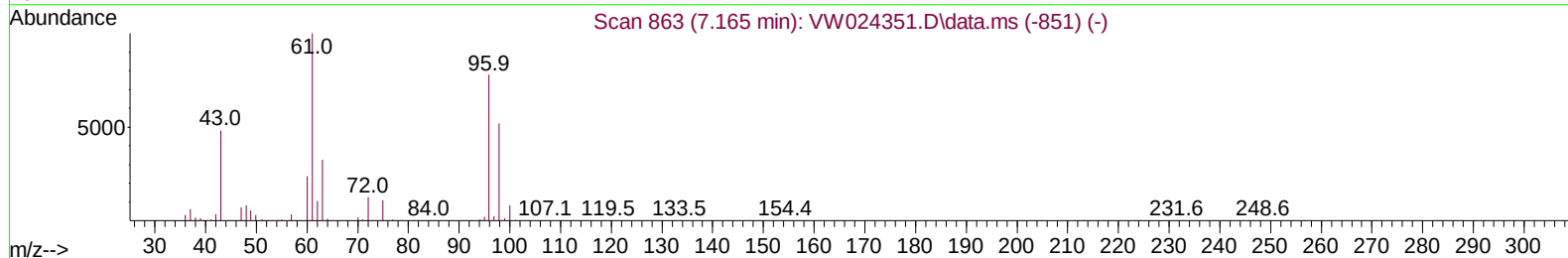
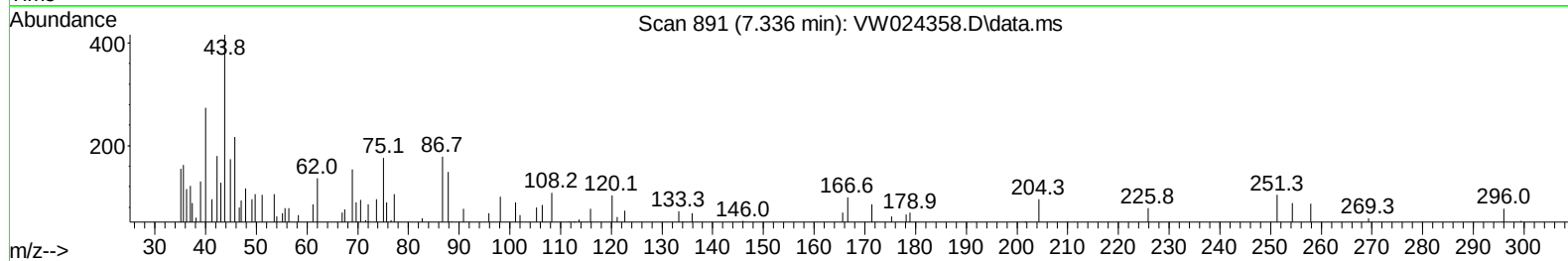
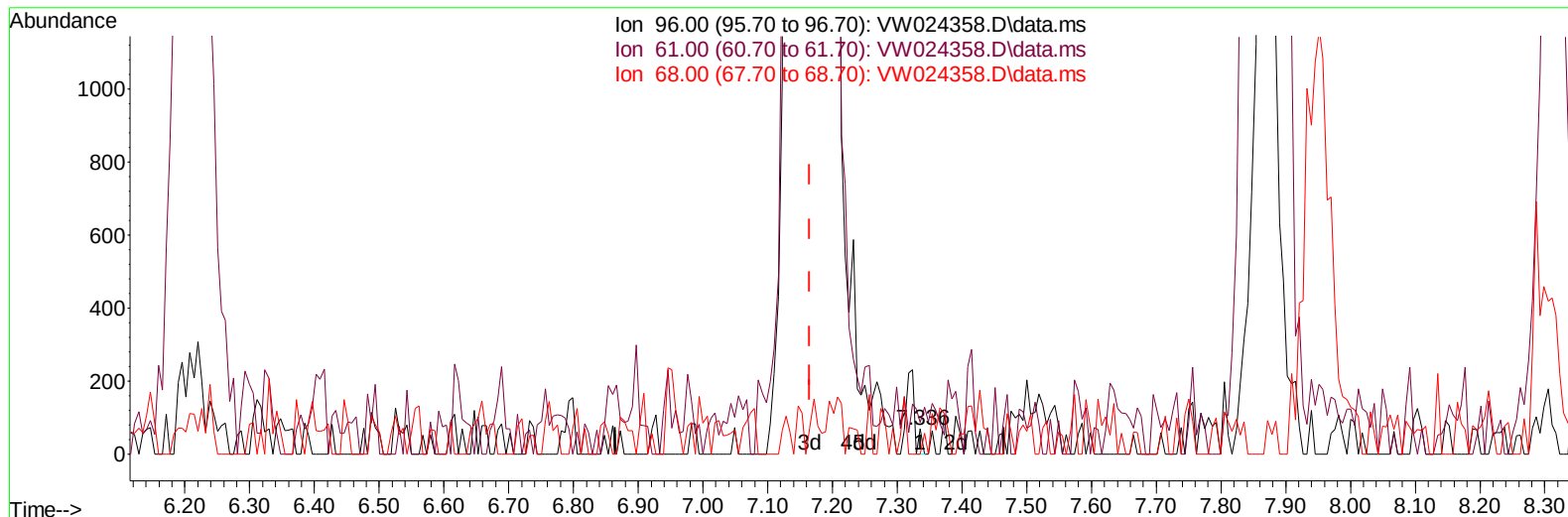
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TIC: VW024358.D\data.ms

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

7.336min (+ 0.170) 0.01 ug/L

response 25

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 128.90 | 126.47 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

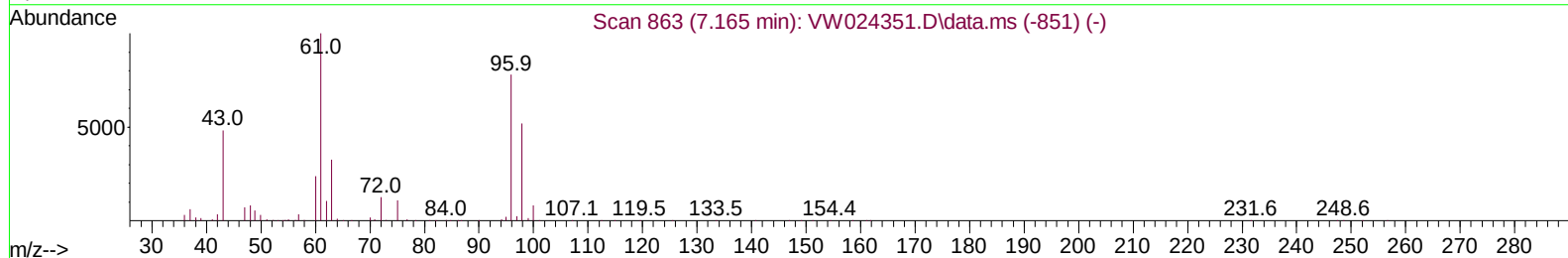
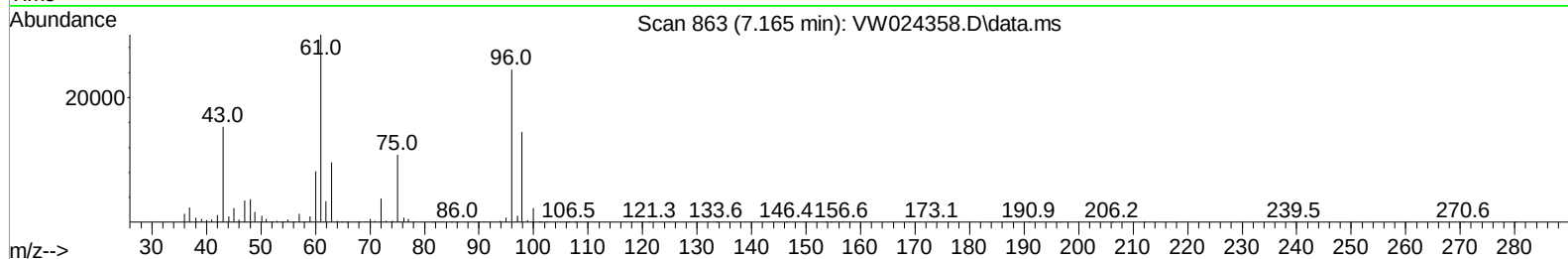
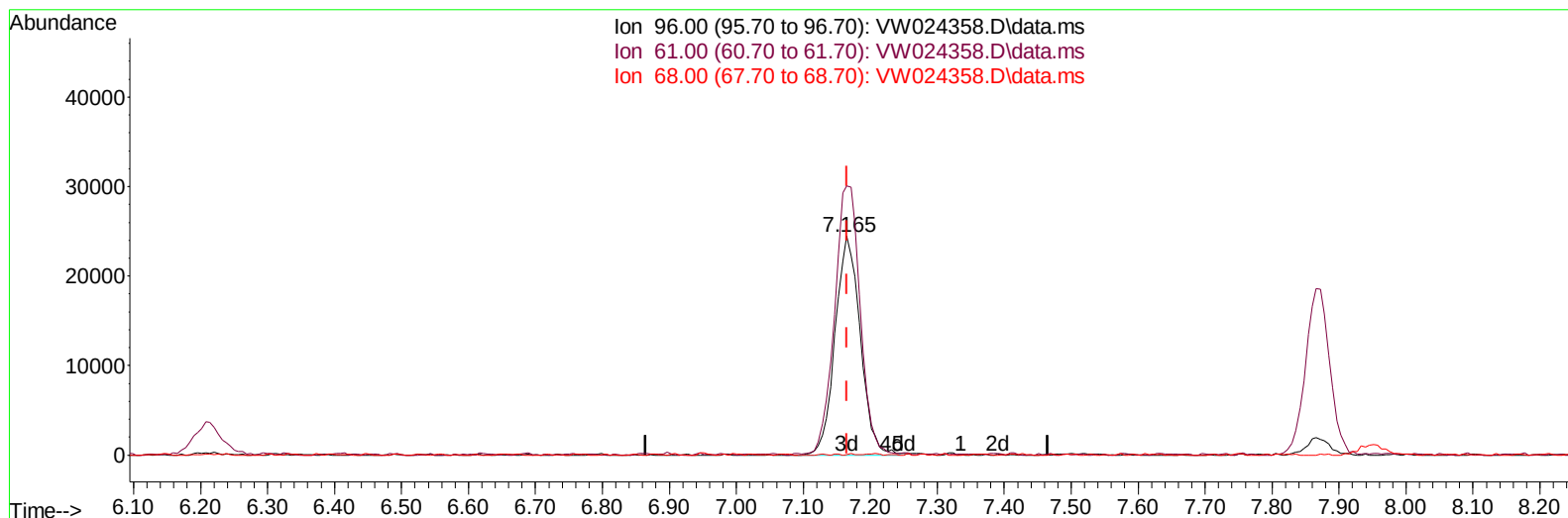
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 QLast Update : Sat Aug 27 00:35:21 2022  
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TIC: VW024358.D\data.ms

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

7.165min (-0.000) 21.37 ug/L m

response 63752

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 128.90 | 122.79 |
| 68.00 | 0.00   | 0.29#  |
| 0.00  | 0.00   | 0.00   |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082622\  
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Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

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 Quant Title : SFAM01.0  
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 Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 08/30/2022  
 Supervised By :Mahesh Dadoda 08/30/2022

| Compound                      | R.T.     | QIon  | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|--------|----------|----------|
| -----                         |          |       |          |        |          |          |
| Internal Standards            |          |       |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 8.841    | 114   | 191895   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 197487   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554   | 152   | 127830   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.343    | 65    | 160409   | 30.325 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 121.280% |          |
| 7) Chloroethane-d5            | 2.873    | 69    | 126100   | 31.817 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 127.280% |          |
| 11) 1,1-Dichloroethene-d2     | 4.013    | 63    | 98061    | 21.375 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 85.480%  |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 51141    | 52.489 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 104.980% |          |
| 24) Chloroform-d              | 7.647    | 84    | 149866   | 24.292 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 97.160%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 95612    | 25.556 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 102.240% |          |
| 32) Benzene-d6                | 8.275    | 84    | 270230   | 23.882 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 95.520%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 87192    | 24.778 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 99.120%  |          |
| 41) Toluene-d8                | 10.323   | 98    | 258437   | 24.022 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 96.080%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579   | 79    | 41636    | 25.284 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 101.120% |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    | 47994    | 60.947 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 121.900% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 116993   | 29.365 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 117.480% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 123166   | 25.586 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 102.360% |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.001    | 85    | 43762    | 22.769 | ug/L     | 98       |
| 3) Chloromethane              | 2.215    | 50    | 79515    | 22.143 | ug/L     | 100      |
| 5) Vinyl chloride             | 2.349    | 62    | 168921   | 26.910 | ug/L     | 100      |
| 6) Bromomethane               | 2.763    | 94    | 110825   | 25.152 | ug/L     | 95       |
| 8) Chloroethane               | 2.910    | 64    | 89512    | 27.297 | ug/L     | 100      |
| 9) Trichlorofluoromethane     | 3.245    | 101   | 52676    | 17.845 | ug/L     | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.050    | 101   | 58160    | 20.542 | ug/L     | 99       |
| 12) 1,1-Dichloroethene        | 4.037    | 96    | 46379    | 20.234 | ug/L     | 90       |
| 13) Acetone                   | 4.129    | 43    | 26524    | 45.618 | ug/L     | 97       |
| 14) Carbon disulfide          | 4.379    | 76    | 154075   | 20.226 | ug/L     | 97       |
| 15) Methyl Acetate            | 4.672    | 43    | 30742    | 21.613 | ug/L     | 97       |
| 16) Methylene chloride        | 4.909    | 84    | 64118m   | 19.923 | ug/L     |          |
| 17) trans-1,2-Dichloroethene  | 5.415    | 96    | 54663    | 20.148 | ug/L     | 96       |
| 18) Methyl tert-butyl Ether   | 5.427    | 73    | 97446    | 21.936 | ug/L     | 96       |
| 19) 1,1-Dichloroethane        | 6.214    | 63    | 104082   | 20.288 | ug/L     | 98       |
| 20) cis-1,2-Dichloroethene    | 7.165    | 96    | 63752m   | 21.368 | ug/L     |          |
| 22) 2-Butanone                | 7.177    | 43    | 48235    | 46.497 | ug/L     | 100      |
| 23) Bromochloromethane        | 7.506    | 128   | 30762    | 21.115 | ug/L     | 92       |

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Instrument :  
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 ClientSampleId :  
 DBVR2MS

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 Supervised By :Mahesh Dadoda 08/30/2022

Quant Time: Aug 27 00:42:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM082622SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 27 00:35:21 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 25) Chloroform                | 7.677  | 83   | 118359   | 20.793 | ug/L   | 90       |
| 27) 1,2-Dichloroethane        | 8.396  | 62   | 91646    | 22.119 | ug/L   | 97       |
| 29) Cyclohexane               | 7.951  | 56   | 85497    | 20.081 | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.866  | 97   | 91709    | 19.697 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 81275    | 19.081 | ug/L   | 99       |
| 33) Benzene                   | 8.323  | 78   | 254993   | 20.738 | ug/L   | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 61389    | 18.943 | ug/L   | 93       |
| 35) Methylcyclohexane         | 9.335  | 83   | 101323   | 19.487 | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 65551    | 20.658 | ug/L # | 97       |
| 38) Bromodichloromethane      | 9.640  | 83   | 89225    | 20.648 | ug/L   | 97       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 95298    | 21.485 | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 113806   | 50.438 | ug/L   | 98       |
| 42) Toluene                   | 10.384 | 91   | 308224   | 22.715 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 94399    | 21.902 | ug/L   | 94       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 55991    | 21.638 | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.859 | 164  | 155968   | 61.970 | ug/L   | 95       |
| 48) 2-Hexanone                | 10.969 | 43   | 85161    | 51.169 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.128 | 129  | 65786    | 21.495 | ug/L   | 92       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 54612    | 21.953 | ug/L   | 93       |
| 51) Chlorobenzene             | 11.658 | 112  | 193320   | 21.226 | ug/L   | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 339653   | 22.640 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.835 | 106  | 134188   | 22.776 | ug/L   | 96       |
| 54) o-Xylene                  | 12.164 | 106  | 129345   | 23.485 | ug/L   | 98       |
| 55) Styrene                   | 12.182 | 104  | 251315   | 25.814 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 85655    | 23.716 | ug/L   | 99       |
| 59) Bromoform                 | 12.347 | 173  | 42458    | 20.697 | ug/L   | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 361597   | 21.298 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 61185    | 21.166 | ug/L   | 97       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 293980   | 21.474 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 296544   | 22.301 | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 159555   | 19.656 | ug/L   | 94       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 169530   | 19.781 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 162287   | 21.328 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 14800    | 20.378 | ug/L   | 92       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 97705    | 18.648 | ug/L   | 95       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 77756    | 19.091 | ug/L   | 97       |
| 71) Naphthalene               | 15.365 | 128  | 179353   | 20.051 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.554 | 180  | 67642    | 17.572 | ug/L   | 91       |

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

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