

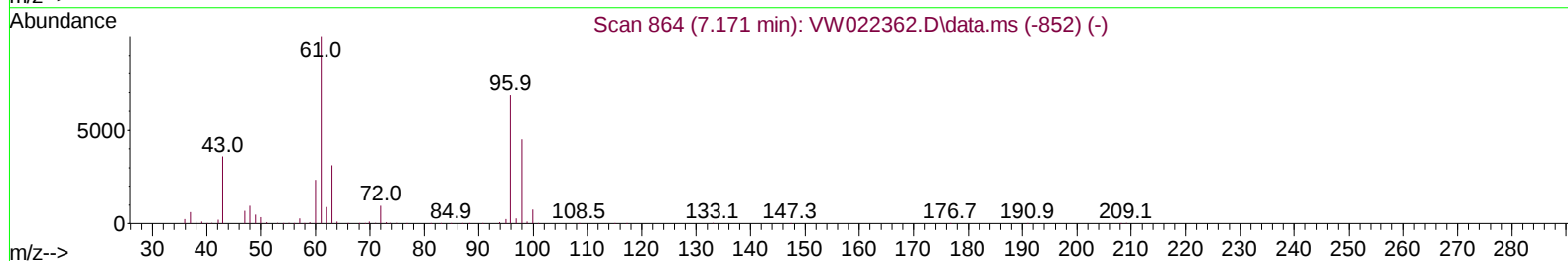
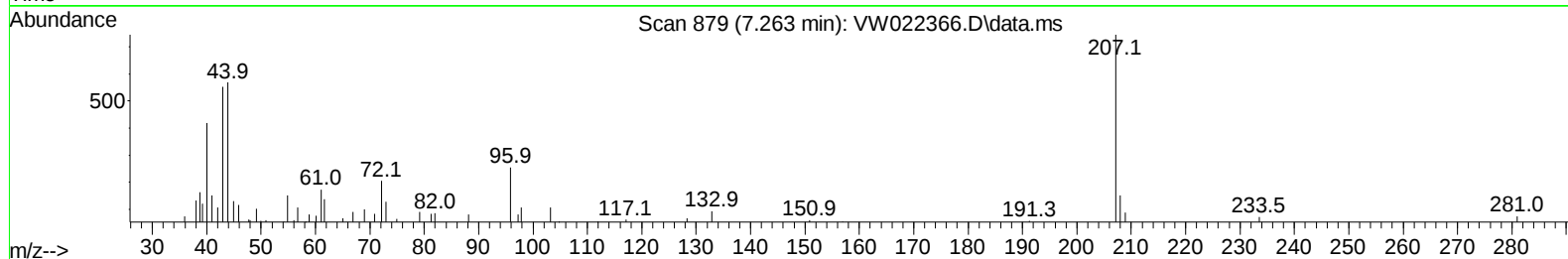
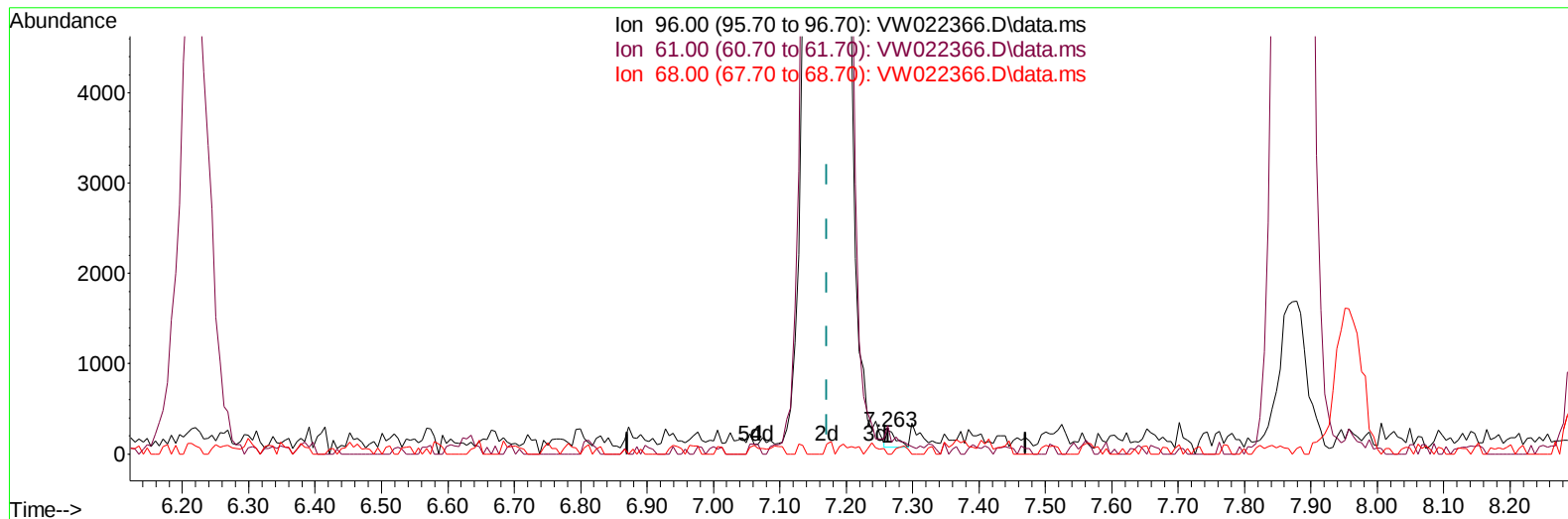
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040122\  
Data File : VW022366.D  
Acq On : 01 Apr 2022 14:32  
Operator : SY/VA  
Sample : VSTDCCC025  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
LabSampleId :  
VSTDCCC025

Manual IntegrationsAPPROVED

Quant Time: Apr 02 01:54:58 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040122SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Apr 02 01:46:33 2022  
Response via : Initial Calibration

Reviewed By :Semsettin Yesilyurt 04/02/2022  
Supervised By :Mahesh Dadoda 04/05/2022



TIC: VW022366.D\data.ms

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

7.263min (+ 0.091) 0.04 ug/L

response 192

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 109.70 | 122.44 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

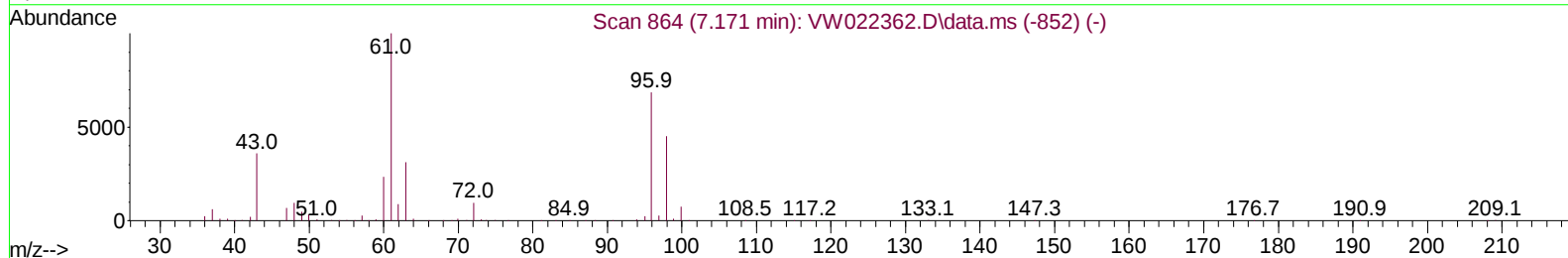
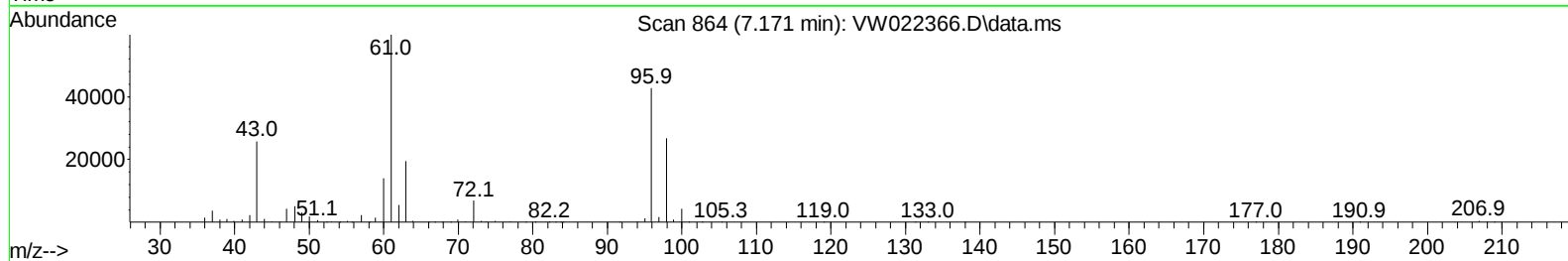
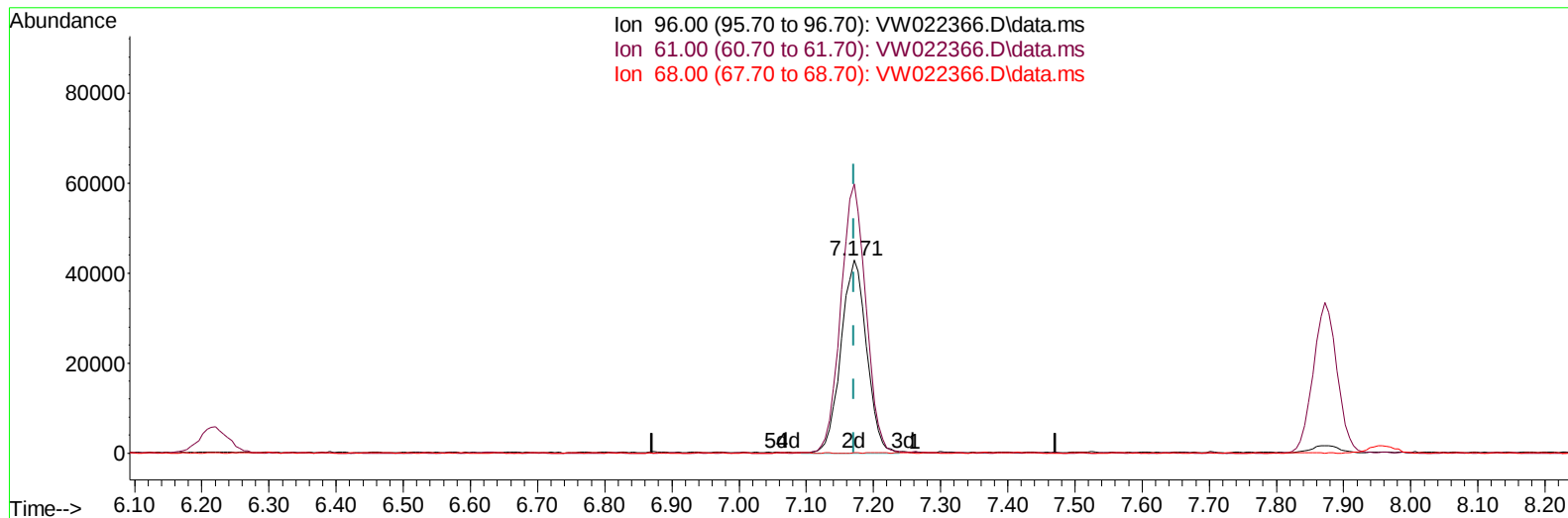
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 Supervised By :Mahesh Dadoda 04/05/2022



TIC: VW022366.D\data.ms

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

7.171min (+ 0.000) 23.09 ug/L m

response 113123

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 109.70 | 139.46 |
| 68.00 | 0.00   | 0.25#  |
| 0.00  | 0.00   | 0.00   |

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 LabSampleId :  
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Manual IntegrationsAPPROVED

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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        | 8.842    | 114   | 308264   | 25.000 | ug/L     | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628   | 117   | 303532   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560   | 152   | 159963   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |          |       |          |        |          |          |
| 4) Vinyl Chloride-d3          | 2.355    | 65    | 108763   | 21.528 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 86.120%  |          |
| 7) Chloroethane-d5            | 2.885    | 69    | 66176    | 21.941 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 150 | Recovery | =      | 87.760%  |          |
| 11) 1,1-Dichloroethene-d2     | 4.031    | 63    | 168202   | 22.439 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 110 | Recovery | =      | 89.760%  |          |
| 21) 2-Butanone-d5             | 7.080    | 46    | 63929    | 51.786 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 103.580% |          |
| 24) Chloroform-d              | 7.647    | 84    | 201372   | 23.428 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 40 | - 150 | Recovery | =      | 93.720%  |          |
| 26) 1,2-Dichloroethane-d4     | 8.305    | 65    | 123781   | 24.355 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 130 | Recovery | =      | 97.400%  |          |
| 32) Benzene-d6                | 8.275    | 84    | 392695   | 23.560 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 20 | - 135 | Recovery | =      | 94.240%  |          |
| 36) 1,2-Dichloropropane-d6    | 9.274    | 67    | 119181   | 23.817 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 70 | - 120 | Recovery | =      | 95.280%  |          |
| 41) Toluene-d8                | 10.323   | 98    | 384080   | 24.220 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 130 | Recovery | =      | 96.880%  |          |
| 43) trans-1,3-Dichloroprop... | 10.573   | 79    | 61703    | 24.521 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 30 | - 135 | Recovery | =      | 98.080%  |          |
| 47) 2-Hexanone-d5             | 10.920   | 63    | 53011    | 51.715 | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 20 | - 135 | Recovery | =      | 103.440% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688   | 84    | 106352   | 25.193 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 45 | - 120 | Recovery | =      | 100.760% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853   | 152   | 123321   | 23.881 | ug/L     | 0.00     |
| Spiked Amount 25.000          | Range 75 | - 120 | Recovery | =      | 95.520%  |          |
| Target Compounds              |          |       |          |        |          |          |
|                               |          |       |          |        |          | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.007    | 85    | 39543    | 24.374 | ug/L     | 96       |
| 3) Chloromethane              | 2.215    | 50    | 86567    | 23.098 | ug/L     | 98       |
| 5) Vinyl chloride             | 2.361    | 62    | 138813   | 22.671 | ug/L     | 100      |
| 6) Bromomethane               | 2.776    | 94    | 74349    | 23.579 | ug/L     | 91       |
| 8) Chloroethane               | 2.922    | 64    | 57599    | 22.620 | ug/L     | 99       |
| 9) Trichlorofluoromethane     | 3.257    | 101   | 42874    | 23.648 | ug/L     | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068    | 101   | 93612    | 22.592 | ug/L     | 95       |
| 12) 1,1-Dichloroethene        | 4.044    | 96    | 89363    | 23.010 | ug/L     | 75       |
| 13) Acetone                   | 4.123    | 43    | 39681    | 46.941 | ug/L     | 87       |
| 14) Carbon disulfide          | 4.391    | 76    | 287801   | 23.490 | ug/L     | 99       |
| 15) Methyl Acetate            | 4.672    | 43    | 53931    | 24.457 | ug/L     | 89       |
| 16) Methylene chloride        | 4.922    | 84    | 99911    | 21.644 | ug/L     | 81       |
| 17) trans-1,2-Dichloroethene  | 5.428    | 96    | 105075   | 22.843 | ug/L     | 89       |
| 18) Methyl tert-butyl Ether   | 5.428    | 73    | 188575   | 23.520 | ug/L #   | 92       |
| 19) 1,1-Dichloroethane        | 6.220    | 63    | 193107   | 22.861 | ug/L     | 96       |
| 20) cis-1,2-Dichloroethene    | 7.171    | 96    | 113123m  | 23.092 | ug/L     |          |
| 22) 2-Butanone                | 7.171    | 43    | 66430    | 49.820 | ug/L     | 88       |
| 23) Bromochloromethane        | 7.513    | 128   | 49593    | 23.078 | ug/L #   | 57       |

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Instrument :  
 MSVOA\_W  
 LabSampleId :  
 VSTDCCC025

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 04/02/2022  
 Supervised By :Mahesh Dadoda 04/05/2022

Quant Time: Apr 02 01:54:58 2022  
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 Quant Title : SFAM01.0  
 QLast Update : Sat Apr 02 01:46:33 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 25) Chloroform                | 7.677  | 83   | 197552   | 22.911 | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 154741   | 23.901 | ug/L   | 97       |
| 29) Cyclohexane               | 7.958  | 56   | 183983   | 22.265 | ug/L   | 88       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 170074   | 22.728 | ug/L   | 93       |
| 31) Carbon tetrachloride      | 8.073  | 117  | 150618   | 22.346 | ug/L   | 98       |
| 33) Benzene                   | 8.323  | 78   | 449261   | 23.058 | ug/L   | 100      |
| 34) Trichloroethene           | 9.091  | 95   | 115703   | 22.862 | ug/L   | 92       |
| 35) Methylcyclohexane         | 9.335  | 83   | 200450   | 22.498 | ug/L   | 90       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 112163   | 23.230 | ug/L   | 97       |
| 38) Bromodichloromethane      | 9.646  | 83   | 156069   | 23.176 | ug/L   | 94       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 181533   | 22.994 | ug/L   | 93       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 166355   | 48.996 | ug/L # | 92       |
| 42) Toluene                   | 10.384 | 91   | 499647   | 23.056 | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 172706   | 23.620 | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 85540    | 23.688 | ug/L   | 92       |
| 46) Tetrachloroethene         | 10.866 | 164  | 82064    | 22.612 | ug/L   | 92       |
| 48) 2-Hexanone                | 10.963 | 43   | 116682   | 48.679 | ug/L # | 94       |
| 49) Dibromochloromethane      | 11.128 | 129  | 102916   | 23.021 | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 86148    | 23.490 | ug/L   | 98       |
| 51) Chlorobenzene             | 11.652 | 112  | 304617   | 22.734 | ug/L   | 90       |
| 52) Ethylbenzene              | 11.731 | 91   | 561518   | 23.361 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.835 | 106  | 215477   | 23.487 | ug/L   | 92       |
| 54) o-Xylene                  | 12.164 | 106  | 205404   | 23.112 | ug/L   | 83       |
| 55) Styrene                   | 12.176 | 104  | 354187   | 22.945 | ug/L   | 83       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 110967   | 23.996 | ug/L   | 95       |
| 59) Bromoform                 | 12.347 | 173  | 60000    | 25.173 | ug/L # | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 556978   | 23.181 | ug/L   | 96       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 82811    | 23.820 | ug/L   | 94       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 314038   | 23.442 | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 475058   | 23.627 | ug/L   | 92       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 233408   | 24.510 | ug/L   | 92       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 241452   | 24.162 | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 212803   | 24.289 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 20844    | 23.266 | ug/L   | 91       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 154868   | 24.011 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 128828   | 24.362 | ug/L   | 96       |
| 71) Naphthalene               | 15.359 | 128  | 314153   | 25.626 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 116318   | 25.113 | ug/L   | 97       |

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

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