

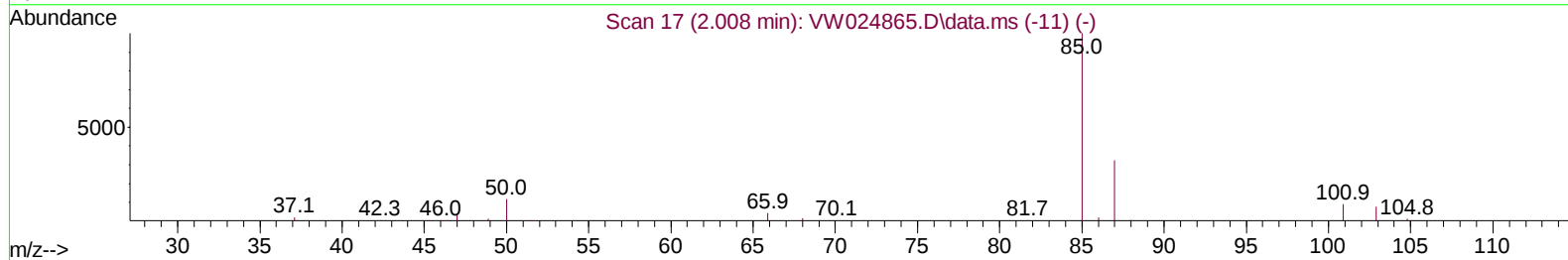
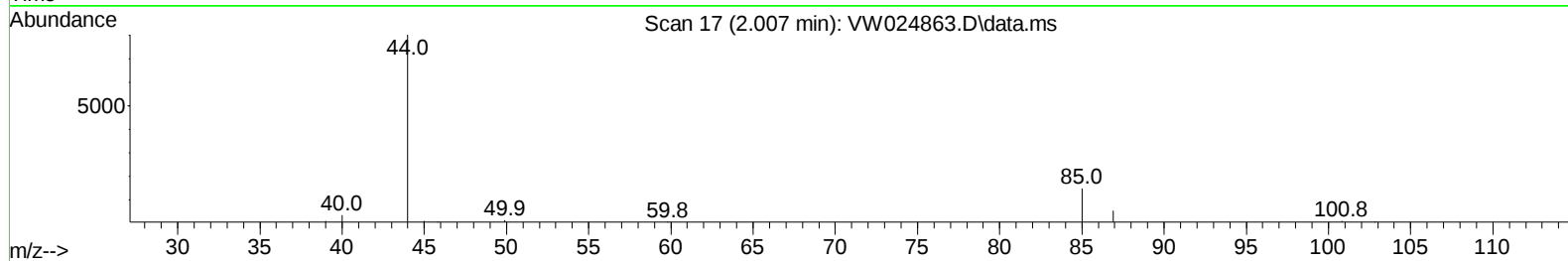
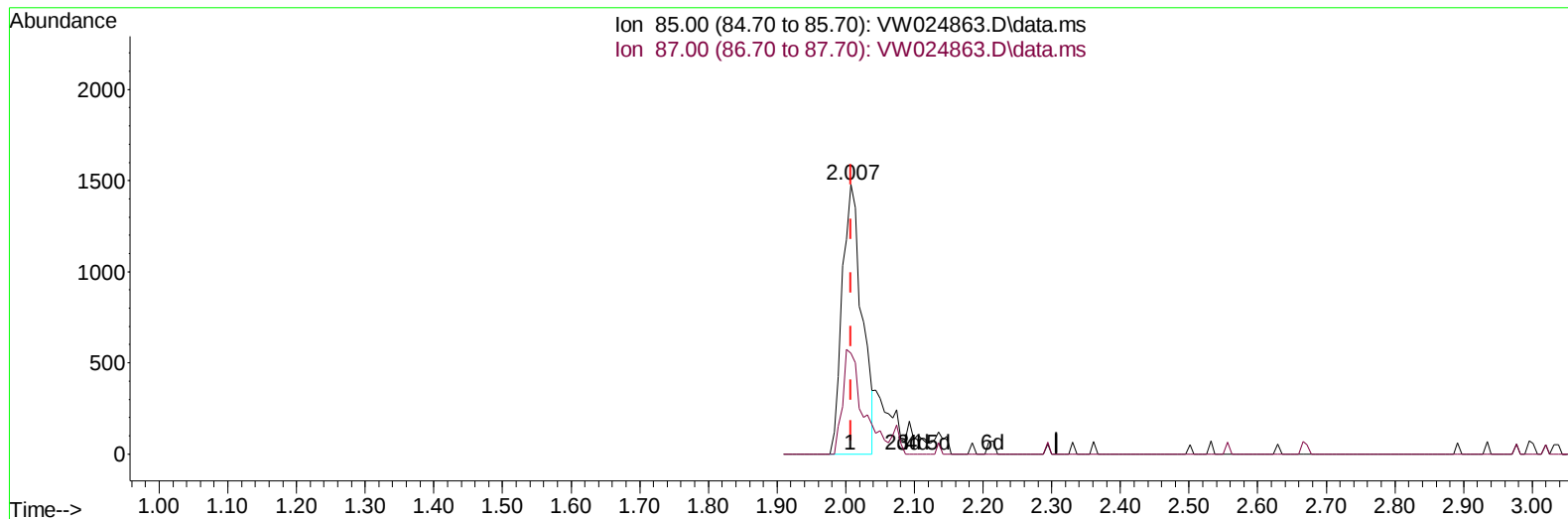
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101222\  
Data File : VW024863.D  
Acq On : 12 Oct 2022 10:27  
Operator : SY/VA  
Sample : VSTD2.555  
Misc : 5.00g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTD2.5455

## Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 10/13/2022  
Supervised By :Mahesh Dadoda 10/13/2022

Quant Time: Oct 12 22:47:04 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101222SMA.M  
Quant Title : SFAM01.0  
QLast Update : Wed Oct 12 22:46:18 2022  
Response via : Initial Calibration



TIC: VW024863.D\data.ms

## (2) Dichlorodifluoromethane (T)

2.007min (-0.000) 1.49 ug/L

response 2947

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 33.50  | 30.88  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

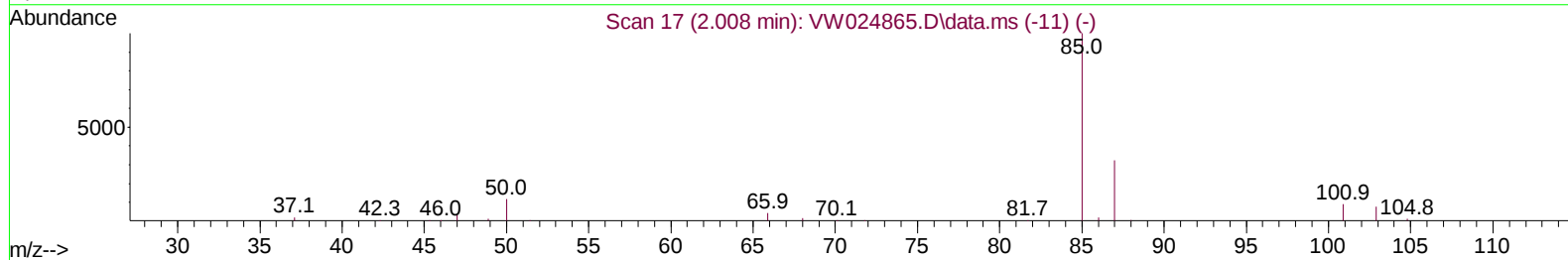
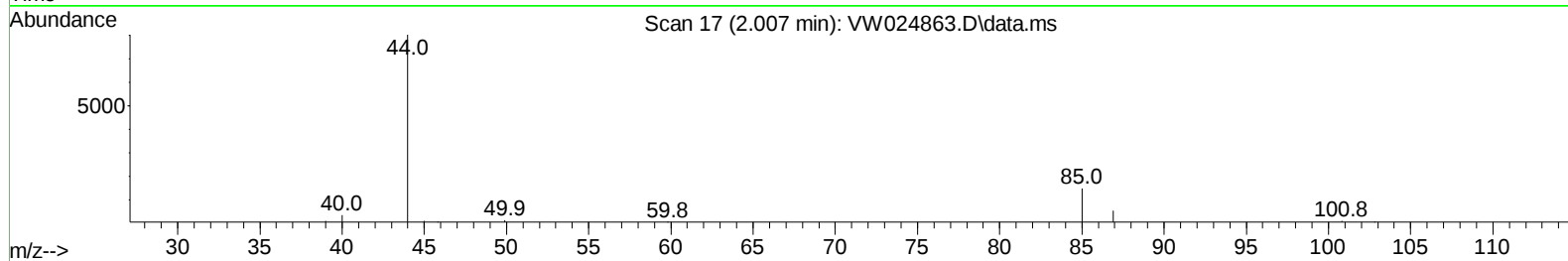
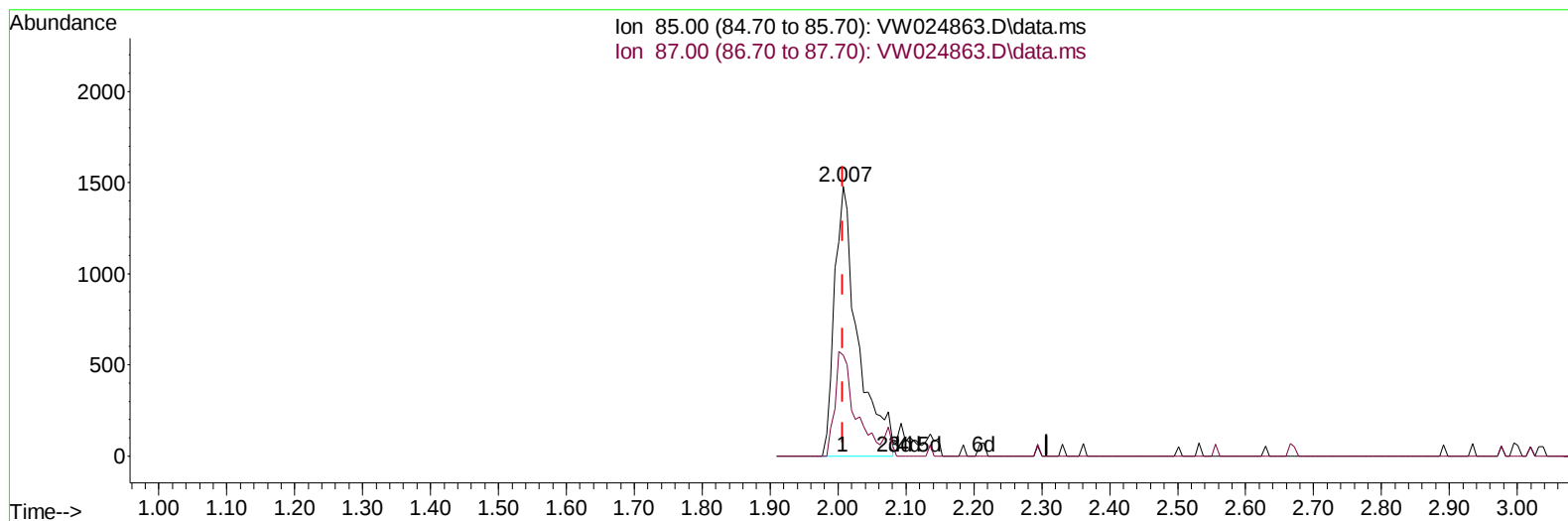
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(2) Dichlorodifluoromethane (T)

2.007min (-0.000) 1.79 ug/L m

response 3538

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 85.00 | 100.00 | 100.00 |
| 87.00 | 33.50  | 25.72# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

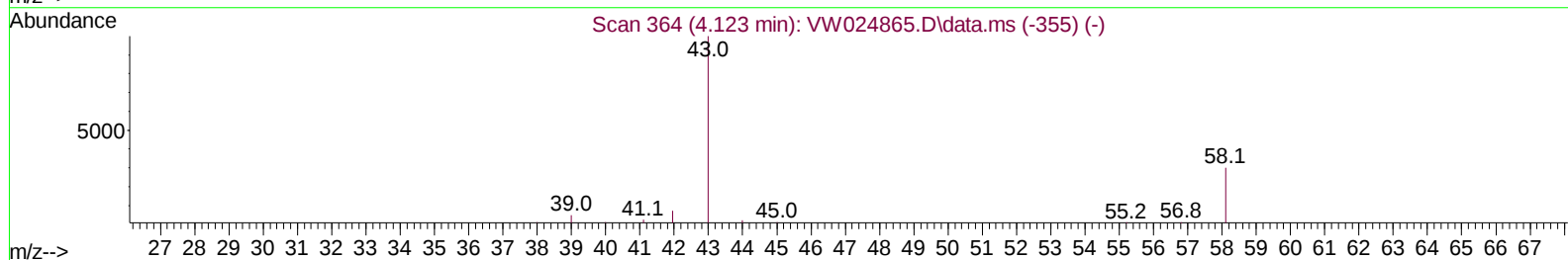
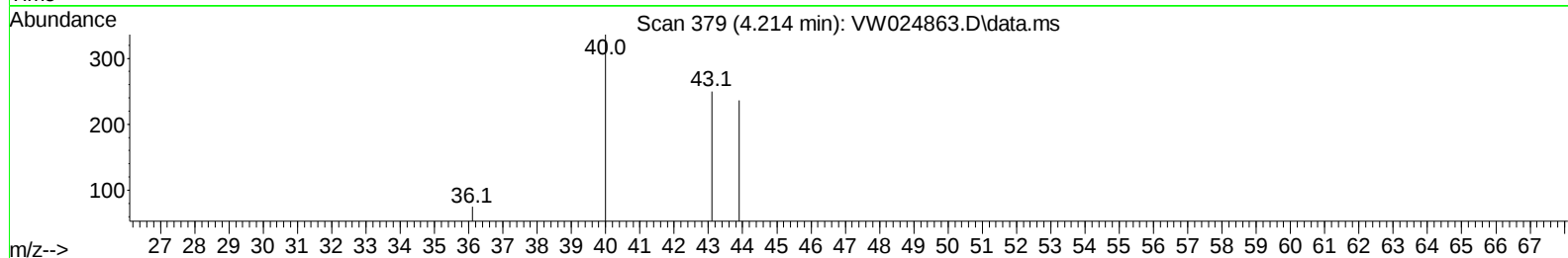
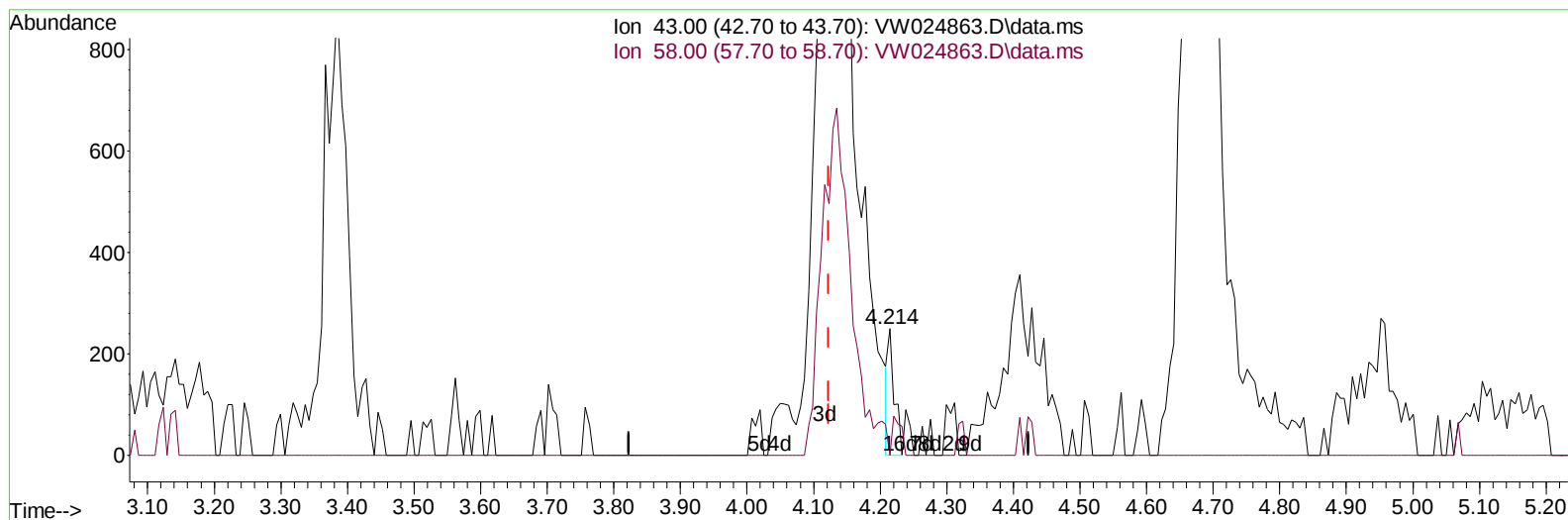
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## (13) Acetone (T)

4.214min (+ 0.091) 0.15 ug/L

response 165

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 32.10  | 43.03  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

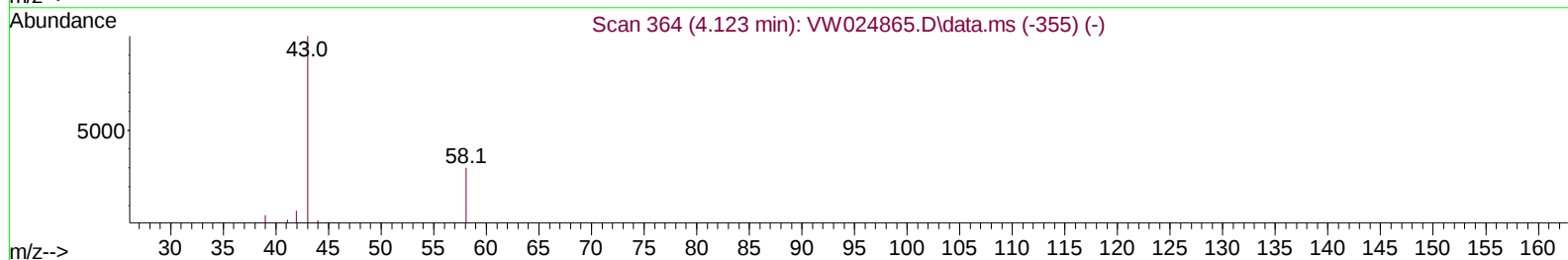
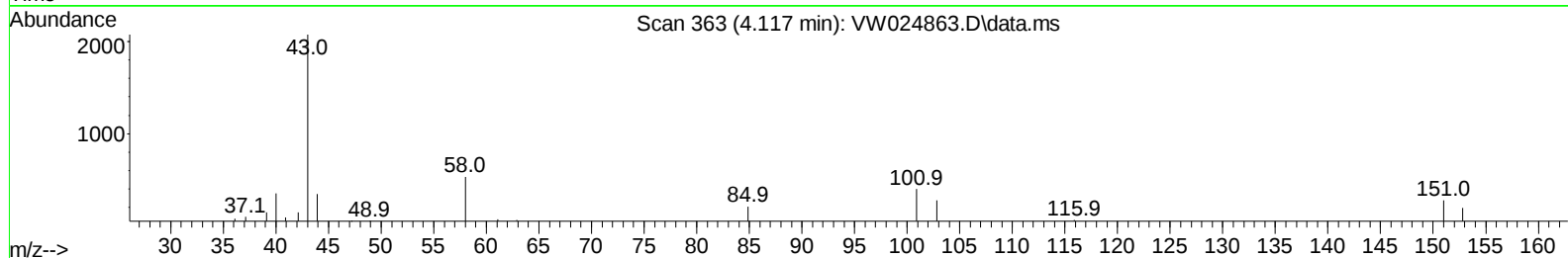
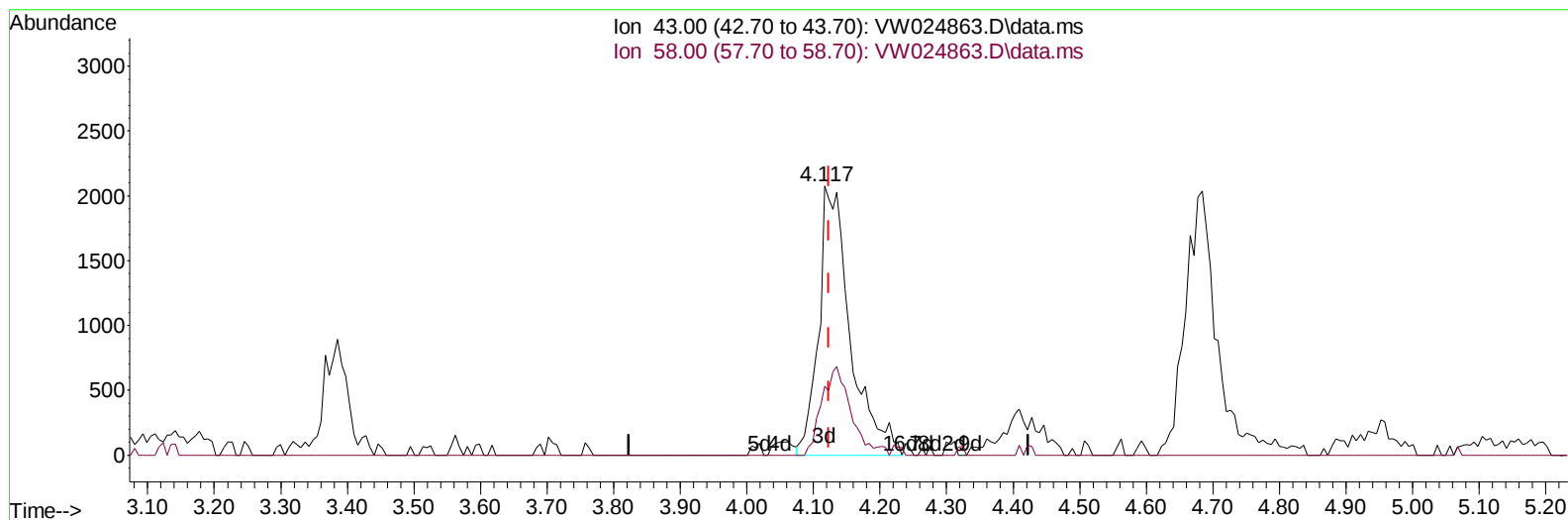
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(13) Acetone (T)

4.117min (-0.006) 6.10 ug/L m

response 6835

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 58.00 | 32.10  | 1.04   |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

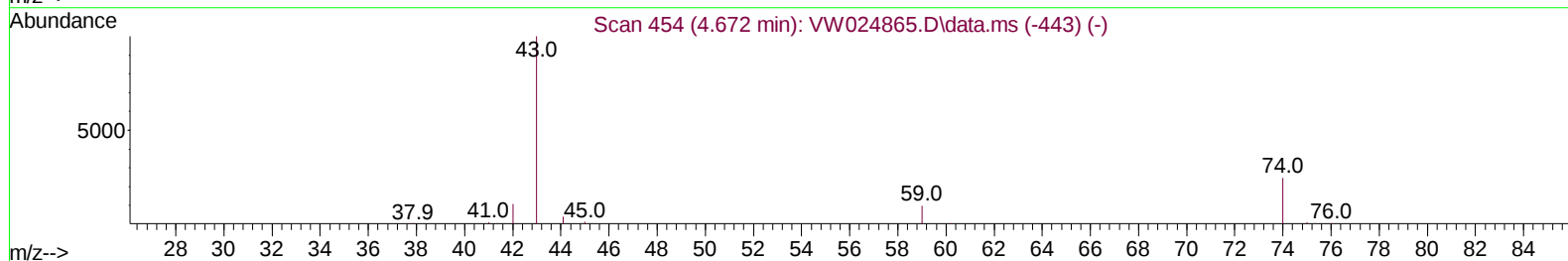
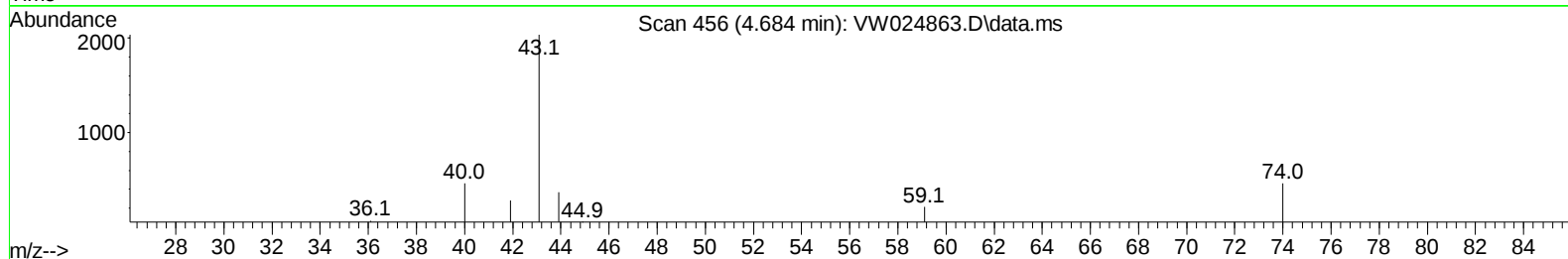
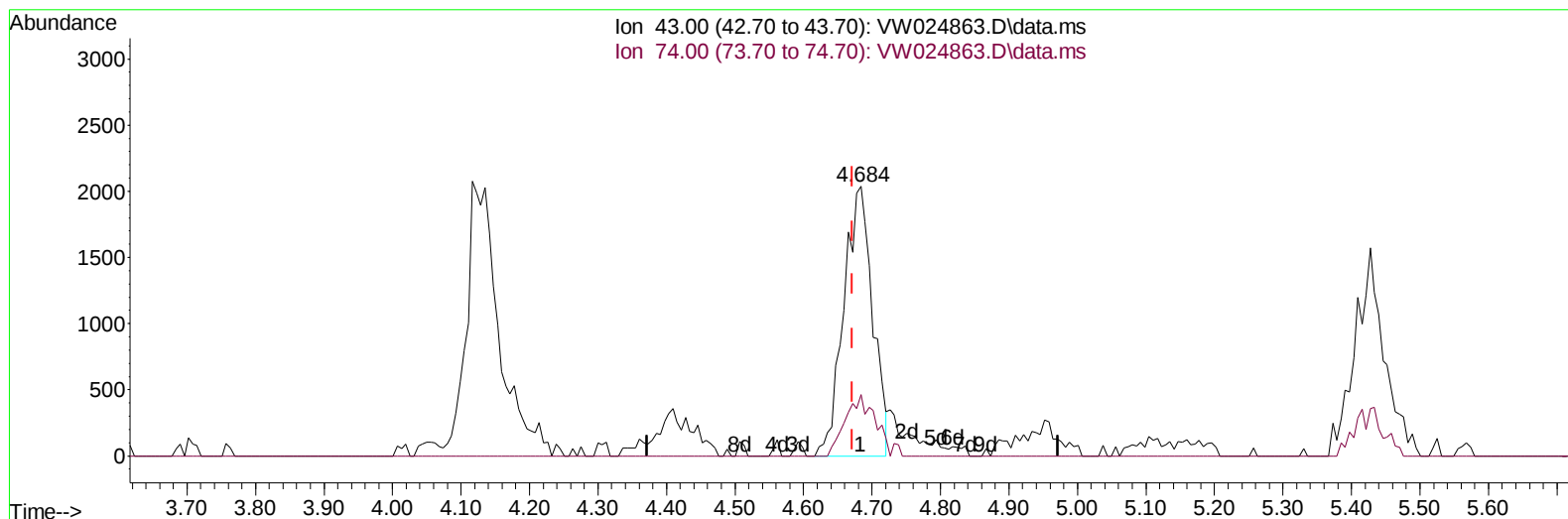
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TIC: VW024863.D\data.ms

## (15) Methyl Acetate (T)

4.684min (+ 0.012) 2.17 ug/L

response 5971

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 23.80  | 15.17# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

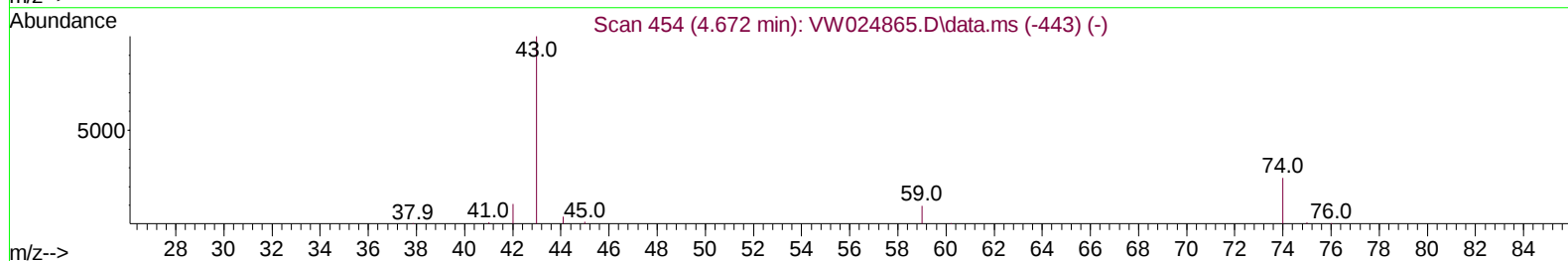
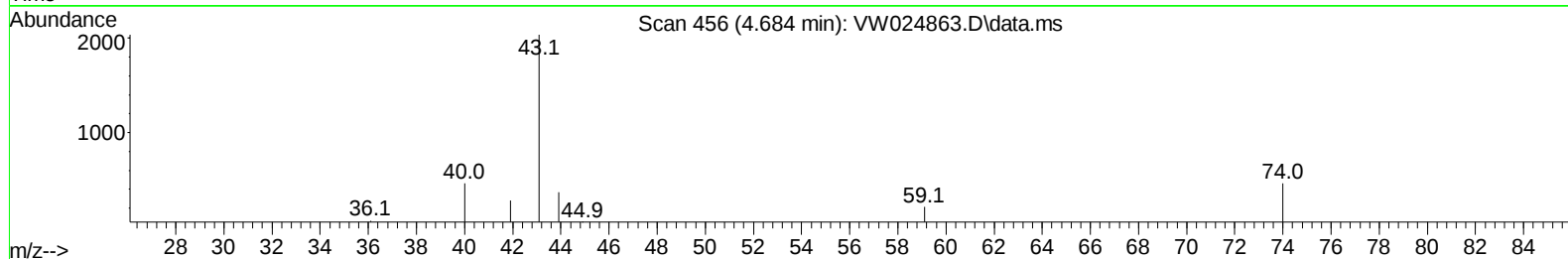
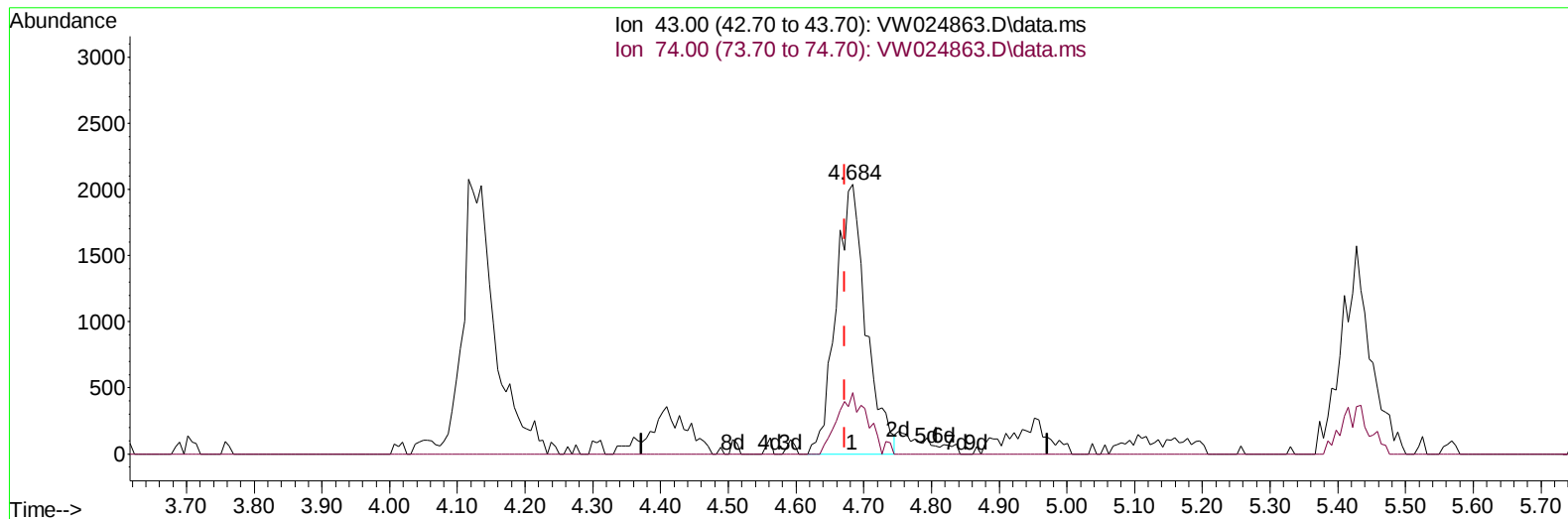
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TIC: VW024863.D\data.ms

## (15) Methyl Acetate (T)

4.684min (+ 0.012) 2.30 ug/L m

response 6320

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 74.00 | 23.80  | 14.34# |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

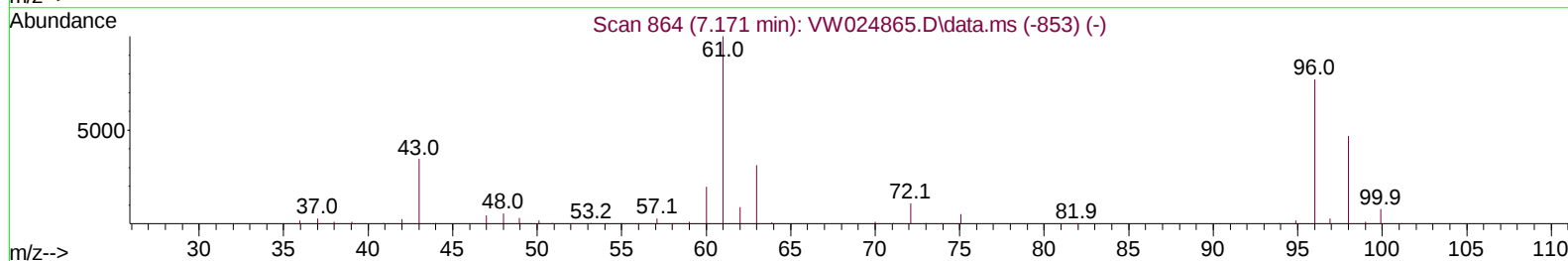
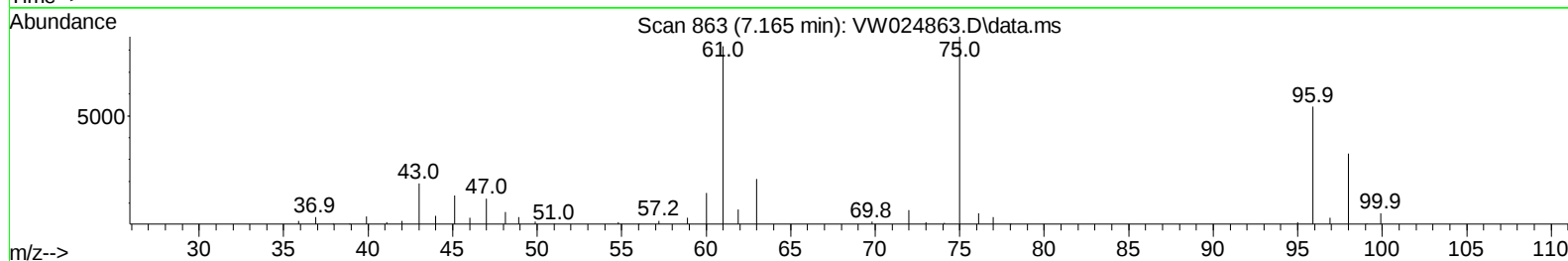
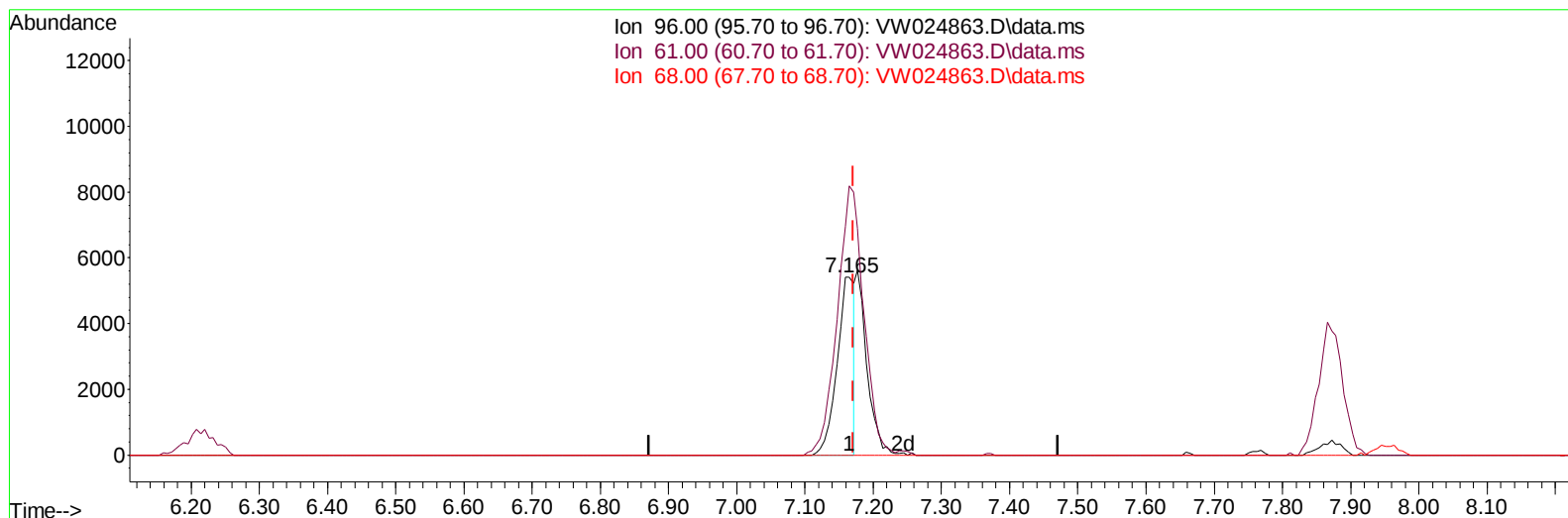
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TIC: VW024863.D\data.ms

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

7.165min (-0.006) 1.37 ug/L

response 9506

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 129.80 | 151.05 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

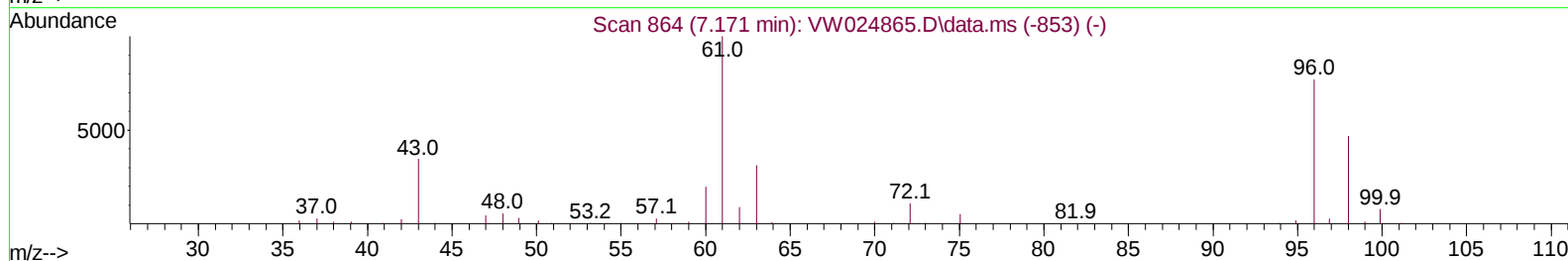
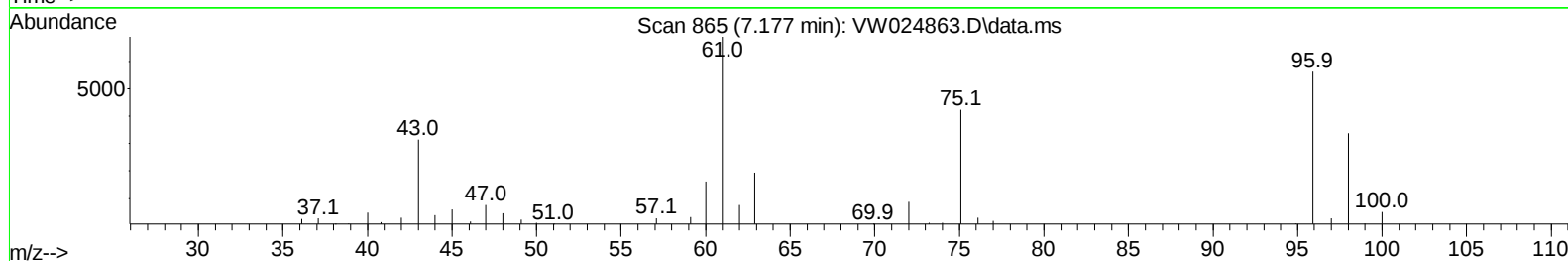
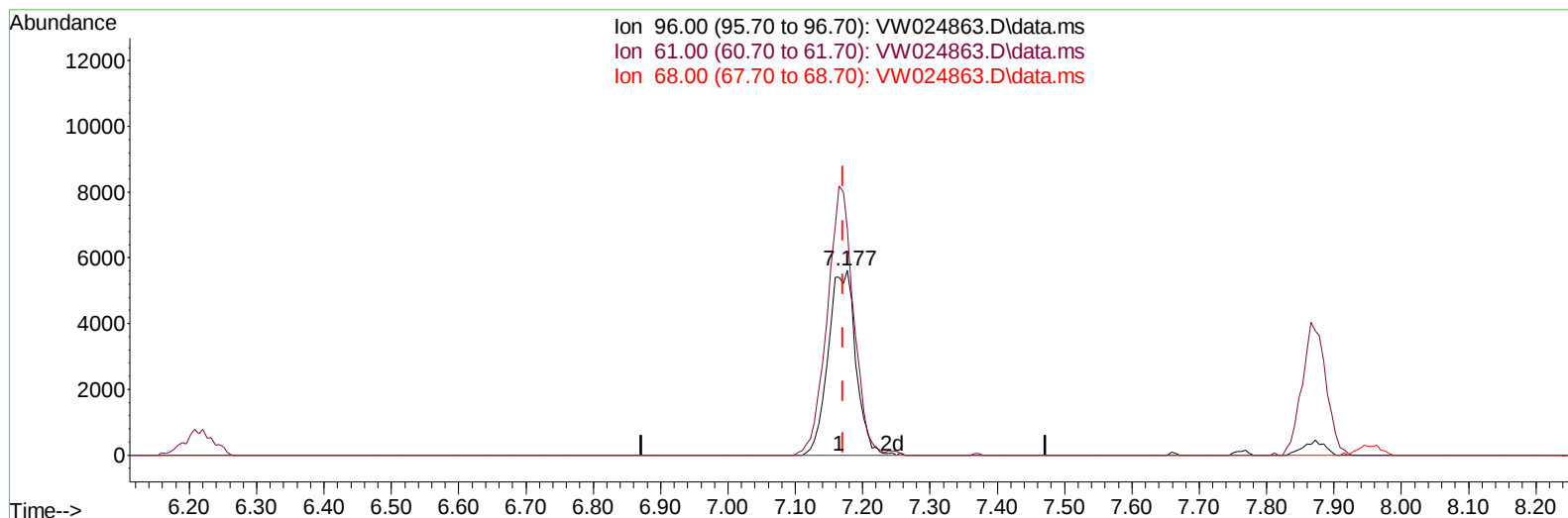
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 Sample : VSTD2.555  
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual IntegrationsAPPROVED

Quant Time: Oct 12 22:47:04 2022  
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TIC: VW024863.D\data.ms

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

7.177min (+ 0.006) 2.29 ug/L m

response 15894

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 96.00 | 100.00 | 100.00 |
| 61.00 | 129.80 | 122.80 |
| 68.00 | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

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| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 436335   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117  | 401054   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 185468   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65   | 14920    | 2.898  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.885  | 69   | 8332     | 2.764  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63   | 30799    | 2.752  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 8086     | 4.957  | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.653  | 84   | 34721    | 2.821  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 18842    | 2.925  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.268  | 84   | 71531    | 2.844  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67   | 21954    | 2.846  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 63062    | 2.794  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 7098     | 2.426  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 6192     | 4.788  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84   | 17231    | 2.864  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 19801    | 2.921  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 2.007  | 85   | 3538m    | 1.785  | ug/L   |          |
| 3) Chloromethane              | 2.215  | 50   | 9556     | 2.102  | ug/L   | 94       |
| 5) Vinyl chloride             | 2.361  | 62   | 13508    | 2.178  | ug/L   | 97       |
| 6) Bromomethane               | 2.776  | 94   | 7132     | 2.367  | ug/L   | 92       |
| 8) Chloroethane               | 2.916  | 64   | 5620     | 2.174  | ug/L   | 89       |
| 9) Trichlorofluoromethane     | 3.257  | 101  | 7133     | 2.325  | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101  | 14924    | 2.389  | ug/L # | 39       |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 13211    | 2.235  | ug/L   | 92       |
| 13) Acetone                   | 4.117  | 43   | 6835m    | 6.100  | ug/L   |          |
| 14) Carbon disulfide          | 4.385  | 76   | 42524    | 2.202  | ug/L   | 99       |
| 15) Methyl Acetate            | 4.684  | 43   | 6320m    | 2.298  | ug/L   |          |
| 16) Methylene chloride        | 4.922  | 84   | 27905    | 3.622  | ug/L   | 92       |
| 17) trans-1,2-Dichloroethene  | 5.421  | 96   | 14334    | 2.228  | ug/L   | 86       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73   | 21713    | 2.271  | ug/L # | 79       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 27552    | 2.314  | ug/L   | 95       |
| 20) cis-1,2-Dichloroethene    | 7.177  | 96   | 15894m   | 2.287  | ug/L   |          |
| 22) 2-Butanone                | 7.177  | 43   | 9291     | 4.880  | ug/L   | 85       |
| 23) Bromochloromethane        | 7.519  | 128  | 6500     | 2.285  | ug/L   | 90       |
| 25) Chloroform                | 7.677  | 83   | 27279    | 2.335  | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 8.403  | 62   | 17602    | 2.329  | ug/L   | 98       |
| 29) Cyclohexane               | 7.958  | 56   | 24943    | 2.142  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 20739    | 2.249  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 17989    | 2.221  | ug/L   | 95       |
| 33) Benzene                   | 8.323  | 78   | 64220    | 2.354  | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 15783    | 2.297  | ug/L   | 96       |
| 35) Methylcyclohexane         | 9.335  | 83   | 26848    | 2.171  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 15720    | 2.312  | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.640  | 83   | 18702    | 2.226  | ug/L   | 95       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 20056    | 2.041  | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 18010    | 4.481  | ug/L   | 98       |
| 42) Toluene                   | 10.384 | 91   | 62997    | 2.252  | ug/L   | 99       |

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| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 44) trans-1,3-Dichloropropene | 10.610 | 75   | 15888    | 1.947 | ug/L   | 96       |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 11247    | 2.368 | ug/L   | 98       |
| 46) Tetrachloroethene         | 10.860 | 164  | 10557    | 2.260 | ug/L   | 97       |
| 48) 2-Hexanone                | 10.969 | 43   | 12679    | 4.653 | ug/L   | 93       |
| 49) Dibromochloromethane      | 11.128 | 129  | 11432    | 2.174 | ug/L   | 94       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 9935     | 2.220 | ug/L # | 96       |
| 51) Chlorobenzene             | 11.652 | 112  | 41850    | 2.380 | ug/L   | 97       |
| 52) Ethylbenzene              | 11.725 | 91   | 70369    | 2.246 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.841 | 106  | 26822    | 2.254 | ug/L   | 83       |
| 54) o-Xylene                  | 12.164 | 106  | 25014    | 2.207 | ug/L   | 98       |
| 55) Styrene                   | 12.176 | 104  | 41553    | 2.138 | ug/L   | 93       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 13142    | 2.268 | ug/L   | 90       |
| 59) Bromoform                 | 12.341 | 173  | 5263     | 2.121 | ug/L   | 92       |
| 60) Isopropylbenzene          | 12.463 | 105  | 68920    | 2.304 | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 9682     | 2.374 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 56906    | 2.215 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 54210    | 2.189 | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 29308    | 2.405 | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 13.572 | 146  | 29876    | 2.422 | ug/L   | 94       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 26318    | 2.430 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.487 | 75   | 2057     | 2.330 | ug/L   | 91       |
| 69) 1,3,5-Trichlorobenzene    | 14.621 | 180  | 18948    | 2.382 | ug/L   | 96       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 14808    | 2.294 | ug/L   | 99       |
| 71) Naphthalene               | 15.359 | 128  | 28842    | 2.062 | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 12175    | 2.210 | ug/L   | 97       |

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

## Manual IntegrationsAPPROVED

Quant Time: Oct 12 22:47:04 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM101222SMA.M  
Quant Title : SFAM01.0  
QLast Update : wed Oct 12 22:46:18 2022  
Response via : Initial Calibration

