

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061623\  
 Data File : VW026218.D  
 Acq On : 16 Jun 2023 10:44  
 Operator : SY/MD  
 Sample : 03236-13  
 Misc : 4.62g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBTZ6

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Title : SFAM01.0

Signal : TIC: VW026218.D\data.ms

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.192       | 45            | 50          | 51           | rBV5     | 4639           | 6473          | 0.22%           | 0.030%        |
| 2         | 2.363       | 72            | 78          | 94           | rBV      | 122730         | 311896        | 10.56%          | 1.456%        |
| 3         | 2.899       | 159           | 166         | 180          | rVB      | 117312         | 318497        | 10.78%          | 1.487%        |
| 4         | 3.521       | 264           | 268         | 269          | rBV4     | 1986           | 2388          | 0.08%           | 0.011%        |
| 5         | 3.826       | 316           | 318         | 321          | rBV4     | 1576           | 1663          | 0.06%           | 0.008%        |
| 6         | 3.954       | 334           | 339         | 340          | rVV5     | 2482           | 3517          | 0.12%           | 0.016%        |
| 7         | 4.021       | 340           | 350         | 376          | rVV      | 249996         | 880847        | 29.82%          | 4.113%        |
| 8         | 4.240       | 384           | 386         | 388          | rBV3     | 2193           | 1848          | 0.06%           | 0.009%        |
| 9         | 4.283       | 390           | 393         | 394          | rBV3     | 1609           | 1432          | 0.05%           | 0.007%        |
| 10        | 4.393       | 404           | 411         | 420          | rBV2     | 10616          | 32967         | 1.12%           | 0.154%        |
| 11        | 4.539       | 433           | 435         | 437          | rVB3     | 1671           | 1594          | 0.05%           | 0.007%        |
| 12        | 4.911       | 487           | 496         | 498          | rBV7     | 9278           | 19302         | 0.65%           | 0.090%        |
| 13        | 5.088       | 521           | 525         | 527          | rBV5     | 1747           | 2839          | 0.10%           | 0.013%        |
| 14        | 5.143       | 532           | 534         | 539          | rVV6     | 3023           | 4231          | 0.14%           | 0.020%        |
| 15        | 5.210       | 543           | 545         | 548          | rVB4     | 1836           | 1521          | 0.05%           | 0.007%        |
| 16        | 5.411       | 576           | 578         | 581          | rBV4     | 1303           | 1623          | 0.05%           | 0.008%        |
| 17        | 5.533       | 596           | 598         | 603          | rVB6     | 1095           | 1620          | 0.05%           | 0.008%        |
| 18        | 5.576       | 603           | 605         | 607          | rBV3     | 1362           | 1504          | 0.05%           | 0.007%        |
| 19        | 5.685       | 620           | 623         | 625          | rVB4     | 2125           | 1638          | 0.06%           | 0.008%        |
| 20        | 5.722       | 625           | 629         | 630          | rBV4     | 1156           | 1546          | 0.05%           | 0.007%        |
| 21        | 5.819       | 642           | 645         | 646          | rVB3     | 1791           | 1509          | 0.05%           | 0.007%        |
| 22        | 5.947       | 664           | 666         | 670          | rVB5     | 2564           | 3502          | 0.12%           | 0.016%        |
| 23        | 6.039       | 678           | 681         | 683          | rVB4     | 1414           | 1638          | 0.06%           | 0.008%        |
| 24        | 6.063       | 683           | 685         | 687          | rBV3     | 1631           | 1829          | 0.06%           | 0.009%        |
| 25        | 6.094       | 688           | 690         | 693          | rVV4     | 1525           | 2137          | 0.07%           | 0.010%        |
| 26        | 6.197       | 704           | 707         | 711          | rVV6     | 1784           | 2900          | 0.10%           | 0.014%        |
| 27        | 6.258       | 716           | 717         | 721          | rVV4     | 1336           | 1665          | 0.06%           | 0.008%        |
| 28        | 6.307       | 723           | 725         | 728          | rVB4     | 1964           | 2208          | 0.07%           | 0.010%        |
| 29        | 6.380       | 733           | 737         | 741          | rVB6     | 2246           | 3749          | 0.13%           | 0.018%        |
| 30        | 6.447       | 746           | 748         | 752          | rVB5     | 1355           | 1626          | 0.06%           | 0.008%        |
| 31        | 6.825       | 809           | 810         | 812          | rBV2     | 2055           | 1699          | 0.06%           | 0.008%        |
| 32        | 6.892       | 817           | 821         | 823          | rBV5     | 1861           | 3203          | 0.11%           | 0.015%        |
| 33        | 7.075       | 842           | 851         | 857          | rBV      | 130428         | 370201        | 12.53%          | 1.729%        |
| 34        | 7.417       | 905           | 907         | 911          | rBV5     | 1283           | 1431          | 0.05%           | 0.007%        |
| 35        | 7.648       | 936           | 945         | 957          | rVB      | 492784         | 1199765       | 40.62%          | 5.602%        |
| 36        | 7.850       | 977           | 978         | 981          | rBV3     | 1644           | 1935          | 0.07%           | 0.009%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Max Peaks: 100

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |       |         |         |         |         |
|----|--------|------|------|------|-------|---------|---------|---------|---------|
| 37 | 7.911  | 987  | 988  | 991  | rVB3  | 2672    | 1822    | 0.06%   | 0.009%  |
| 38 | 7.959  | 993  | 996  | 999  | rVB5  | 1904    | 2509    | 0.08%   | 0.012%  |
| 39 | 8.167  | 1025 | 1030 | 1032 | rBV6  | 1381    | 2164    | 0.07%   | 0.010%  |
| 40 | 8.276  | 1036 | 1048 | 1064 | rBV2  | 982445  | 2953434 | 100.00% | 13.790% |
| 41 | 8.496  | 1081 | 1084 | 1087 | rBV5  | 1976    | 1865    | 0.06%   | 0.009%  |
| 42 | 8.679  | 1111 | 1114 | 1115 | rBV3  | 2451    | 2056    | 0.07%   | 0.010%  |
| 43 | 8.843  | 1130 | 1141 | 1151 | rBV   | 976428  | 1926971 | 65.25%  | 8.997%  |
| 44 | 9.093  | 1172 | 1182 | 1192 | rVB3  | 52887   | 120372  | 4.08%   | 0.562%  |
| 45 | 9.276  | 1202 | 1212 | 1221 | rBV   | 701898  | 1428471 | 48.37%  | 6.670%  |
| 46 | 9.666  | 1268 | 1276 | 1283 | rBV2  | 9158    | 19673   | 0.67%   | 0.092%  |
| 47 | 9.825  | 1299 | 1302 | 1303 | rBV3  | 1682    | 1628    | 0.06%   | 0.008%  |
| 48 | 9.928  | 1316 | 1319 | 1322 | rVB5  | 1223    | 1551    | 0.05%   | 0.007%  |
| 49 | 10.032 | 1329 | 1336 | 1345 | rVV   | 345571  | 616502  | 20.87%  | 2.879%  |
| 50 | 10.117 | 1347 | 1350 | 1358 | rVB2  | 5409    | 10398   | 0.35%   | 0.049%  |
| 51 | 10.325 | 1376 | 1384 | 1403 | rBV   | 1247860 | 2254227 | 76.33%  | 10.525% |
| 52 | 10.502 | 1410 | 1413 | 1415 | rBV4  | 1359    | 1881    | 0.06%   | 0.009%  |
| 53 | 10.575 | 1418 | 1425 | 1435 | rVV   | 235071  | 403467  | 13.66%  | 1.884%  |
| 54 | 10.703 | 1438 | 1446 | 1453 | rBV   | 33541   | 60774   | 2.06%   | 0.284%  |
| 55 | 10.861 | 1466 | 1472 | 1476 | rBV5  | 14739   | 26596   | 0.90%   | 0.124%  |
| 56 | 10.922 | 1476 | 1482 | 1494 | rVV   | 463151  | 783888  | 26.54%  | 3.660%  |
| 57 | 11.062 | 1500 | 1505 | 1510 | rVB2  | 21798   | 40358   | 1.37%   | 0.188%  |
| 58 | 11.392 | 1557 | 1559 | 1560 | rVV2  | 2417    | 1528    | 0.05%   | 0.007%  |
| 59 | 11.428 | 1560 | 1565 | 1573 | rVB2  | 10778   | 22382   | 0.76%   | 0.105%  |
| 60 | 11.501 | 1575 | 1577 | 1581 | rBV5  | 2137    | 3520    | 0.12%   | 0.016%  |
| 61 | 11.629 | 1590 | 1598 | 1611 | rBV   | 1341205 | 2235016 | 75.68%  | 10.436% |
| 62 | 11.818 | 1627 | 1629 | 1630 | rBV2  | 1536    | 1419    | 0.05%   | 0.007%  |
| 63 | 11.910 | 1643 | 1644 | 1648 | rVB4  | 1957    | 1830    | 0.06%   | 0.009%  |
| 64 | 11.953 | 1648 | 1651 | 1654 | rBV5  | 1368    | 1915    | 0.06%   | 0.009%  |
| 65 | 12.160 | 1682 | 1685 | 1690 | rBV6  | 3284    | 5819    | 0.20%   | 0.027%  |
| 66 | 12.239 | 1697 | 1698 | 1700 | rVB2  | 2791    | 1432    | 0.05%   | 0.007%  |
| 67 | 12.263 | 1700 | 1702 | 1704 | rBV3  | 1981    | 1407    | 0.05%   | 0.007%  |
| 68 | 12.471 | 1731 | 1736 | 1739 | rBV7  | 2937    | 5744    | 0.19%   | 0.027%  |
| 69 | 12.605 | 1749 | 1758 | 1765 | rBV3  | 33837   | 74083   | 2.51%   | 0.346%  |
| 70 | 12.690 | 1765 | 1772 | 1780 | rVV   | 643478  | 1033554 | 34.99%  | 4.826%  |
| 71 | 12.751 | 1780 | 1782 | 1787 | rVB6  | 3194    | 5413    | 0.18%   | 0.025%  |
| 72 | 12.849 | 1796 | 1798 | 1800 | rVB3  | 2216    | 1463    | 0.05%   | 0.007%  |
| 73 | 12.928 | 1806 | 1811 | 1820 | rVB10 | 7382    | 16264   | 0.55%   | 0.076%  |
| 74 | 13.032 | 1825 | 1828 | 1834 | rVB8  | 2685    | 3895    | 0.13%   | 0.018%  |
| 75 | 13.093 | 1834 | 1838 | 1840 | rBV5  | 1798    | 3496    | 0.12%   | 0.016%  |
| 76 | 13.190 | 1849 | 1854 | 1858 | rBV5  | 4074    | 8182    | 0.28%   | 0.038%  |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

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Sampling : 1

Min Area: 0 % of largest Peak

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |       |         |         |        |        |
|-----|--------|------|------|------|-------|---------|---------|--------|--------|
| 77  | 13.245 | 1860 | 1863 | 1866 | rVB4  | 3748    | 5196    | 0.18%  | 0.024% |
| 78  | 13.294 | 1867 | 1871 | 1876 | rVB5  | 6561    | 11048   | 0.37%  | 0.052% |
| 79  | 13.403 | 1883 | 1889 | 1894 | rBV4  | 7636    | 13235   | 0.45%  | 0.062% |
| 80  | 13.464 | 1895 | 1899 | 1902 | rBV5  | 5886    | 9310    | 0.32%  | 0.043% |
| 81  | 13.556 | 1907 | 1914 | 1926 | rBV   | 1292197 | 2049545 | 69.40% | 9.570% |
| 82  | 13.757 | 1944 | 1947 | 1951 | rBV5  | 3754    | 5373    | 0.18%  | 0.025% |
| 83  | 13.849 | 1955 | 1962 | 1974 | rBV   | 1172890 | 1874883 | 63.48% | 8.754% |
| 84  | 14.062 | 1992 | 1997 | 2010 | rVB   | 20382   | 38369   | 1.30%  | 0.179% |
| 85  | 14.324 | 2031 | 2040 | 2047 | rBV   | 7938    | 18419   | 0.62%  | 0.086% |
| 86  | 14.422 | 2055 | 2056 | 2060 | rBV4  | 1494    | 1908    | 0.06%  | 0.009% |
| 87  | 14.483 | 2064 | 2066 | 2067 | rBV2  | 2096    | 1824    | 0.06%  | 0.009% |
| 88  | 14.617 | 2086 | 2088 | 2093 | rVV6  | 5060    | 7783    | 0.26%  | 0.036% |
| 89  | 14.690 | 2097 | 2100 | 2101 | rVV3  | 1493    | 1817    | 0.06%  | 0.008% |
| 90  | 14.720 | 2101 | 2105 | 2107 | rVV4  | 4912    | 6899    | 0.23%  | 0.032% |
| 91  | 14.775 | 2111 | 2114 | 2117 | rBV5  | 2115    | 3508    | 0.12%  | 0.016% |
| 92  | 14.818 | 2119 | 2121 | 2125 | rBV5  | 1254    | 1626    | 0.06%  | 0.008% |
| 93  | 15.013 | 2149 | 2153 | 2155 | rVB5  | 2018    | 1909    | 0.06%  | 0.009% |
| 94  | 15.086 | 2161 | 2165 | 2167 | rBV5  | 1413    | 2136    | 0.07%  | 0.010% |
| 95  | 15.171 | 2176 | 2179 | 2185 | rVB6  | 5065    | 8478    | 0.29%  | 0.040% |
| 96  | 15.342 | 2203 | 2207 | 2208 | rBV3  | 2300    | 2529    | 0.09%  | 0.012% |
| 97  | 15.427 | 2216 | 2221 | 2227 | rVB2  | 31004   | 51180   | 1.73%  | 0.239% |
| 98  | 15.549 | 2234 | 2241 | 2245 | rBV10 | 3292    | 7817    | 0.26%  | 0.036% |
| 99  | 16.281 | 2358 | 2361 | 2363 | rBV4  | 1749    | 2065    | 0.07%  | 0.010% |
| 100 | 16.714 | 2429 | 2432 | 2433 | rBV3  | 1745    | 1522    | 0.05%  | 0.007% |

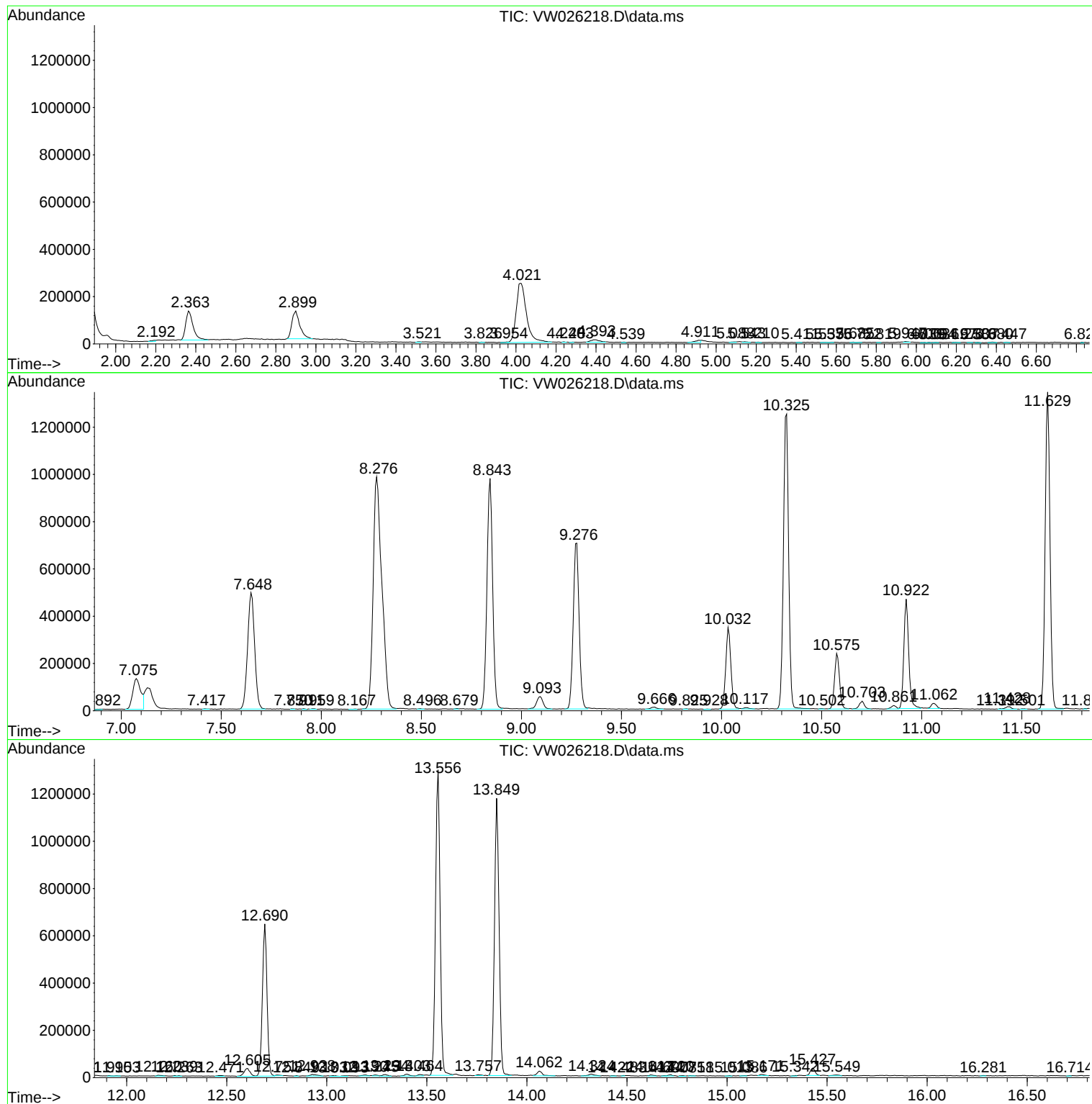
Sum of corrected areas: 21417291

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\Database\NIST20.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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TIC Library : C:\Database\NIST20.L  
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| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|