

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111723\  
 Data File : VD077615.D  
 Acq On : 17 Nov 2023 16:08  
 Operator : JC/SY  
 Sample : 05456-04  
 Misc : 4.32G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E05N1

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\_D\Method\SFAMDLM110923SMA.M  
 Title : SFAM01.0

Signal : TIC: VD077615.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         | 1.664       | 10            | 13          | 14           | rBV      | 1101           | 971           | 0.07%           | 0.009%        |
| 2         | 1.693       | 14            | 18          | 20           | rBV      | 5630           | 8339          | 0.64%           | 0.080%        |
| 3         | 1.740       | 20            | 26          | 33           | rVB      | 183065         | 334899        | 25.72%          | 3.220%        |
| 4         | 2.111       | 86            | 89          | 92           | rVB2     | 3394           | 4236          | 0.33%           | 0.041%        |
| 5         | 2.146       | 93            | 95          | 96           | rBV2     | 2033           | 1359          | 0.10%           | 0.013%        |
| 6         | 2.275       | 112           | 117         | 125          | rVB      | 181661         | 277055        | 21.28%          | 2.664%        |
| 7         | 2.805       | 201           | 207         | 215          | rVB      | 143977         | 266580        | 20.47%          | 2.563%        |
| 8         | 3.293       | 288           | 290         | 291          | rBV      | 1360           | 1404          | 0.11%           | 0.013%        |
| 9         | 3.558       | 332           | 335         | 336          | rBV      | 1027           | 874           | 0.07%           | 0.008%        |
| 10        | 3.740       | 363           | 366         | 368          | rBV2     | 833            | 1036          | 0.08%           | 0.010%        |
| 11        | 3.922       | 387           | 397         | 409          | rBV      | 168599         | 439942        | 33.78%          | 4.229%        |
| 12        | 4.134       | 430           | 433         | 435          | rBV      | 1397           | 1322          | 0.10%           | 0.013%        |
| 13        | 4.163       | 436           | 438         | 444          | rVB2     | 1496           | 2049          | 0.16%           | 0.020%        |
| 14        | 4.275       | 453           | 457         | 459          | rBV2     | 1424           | 2214          | 0.17%           | 0.021%        |
| 15        | 4.393       | 476           | 477         | 480          | rBV2     | 882            | 876           | 0.07%           | 0.008%        |
| 16        | 4.481       | 491           | 492         | 497          | rVB2     | 1005           | 839           | 0.06%           | 0.008%        |
| 17        | 4.805       | 534           | 547         | 561          | rBV      | 55693          | 180886        | 13.89%          | 1.739%        |
| 18        | 5.016       | 582           | 583         | 585          | rBV      | 1159           | 993           | 0.08%           | 0.010%        |
| 19        | 5.540       | 670           | 672         | 674          | rVB      | 1018           | 844           | 0.06%           | 0.008%        |
| 20        | 5.569       | 674           | 677         | 679          | rBV2     | 1591           | 1740          | 0.13%           | 0.017%        |
| 21        | 5.646       | 686           | 690         | 692          | rVB2     | 797            | 1044          | 0.08%           | 0.010%        |
| 22        | 5.805       | 715           | 717         | 718          | rBV2     | 1822           | 1480          | 0.11%           | 0.014%        |
| 23        | 6.304       | 800           | 802         | 805          | rVB      | 1385           | 1198          | 0.09%           | 0.012%        |
| 24        | 6.528       | 838           | 840         | 843          | rBV2     | 752            | 872           | 0.07%           | 0.008%        |
| 25        | 6.757       | 876           | 879         | 880          | rBV      | 1136           | 952           | 0.07%           | 0.009%        |
| 26        | 6.793       | 883           | 885         | 886          | rBV      | 1077           | 919           | 0.07%           | 0.009%        |
| 27        | 6.881       | 898           | 900         | 903          | rVB      | 1315           | 991           | 0.08%           | 0.010%        |
| 28        | 6.916       | 903           | 906         | 909          | rBV2     | 1147           | 1678          | 0.13%           | 0.016%        |
| 29        | 6.987       | 910           | 918         | 925          | rBV      | 32065          | 86295         | 6.63%           | 0.830%        |
| 30        | 7.328       | 973           | 976         | 977          | rVB2     | 1083           | 1062          | 0.08%           | 0.010%        |
| 31        | 7.340       | 977           | 978         | 982          | rBV2     | 799            | 836           | 0.06%           | 0.008%        |
| 32        | 7.446       | 992           | 996         | 997          | rBV2     | 1754           | 1913          | 0.15%           | 0.018%        |
| 33        | 7.569       | 1007          | 1017        | 1029         | rBV      | 208328         | 529508        | 40.66%          | 5.091%        |
| 34        | 7.716       | 1040          | 1042        | 1045         | rVB      | 1372           | 1193          | 0.09%           | 0.011%        |
| 35        | 7.746       | 1045          | 1047        | 1050         | rBV3     | 1132           | 1406          | 0.11%           | 0.014%        |
| 36        | 7.946       | 1080          | 1081        | 1084         | rVB3     | 1347           | 899           | 0.07%           | 0.009%        |

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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

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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\_D\Method\SFAMDLM110923SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 7.975  | 1084 | 1086 | 1090 | rBV  | 1690   | 1767    | 0.14%   | 0.017%  |
| 38 | 8.028  | 1092 | 1095 | 1096 | rBV2 | 1195   | 899     | 0.07%   | 0.009%  |
| 39 | 8.046  | 1096 | 1098 | 1101 | rBV2 | 674    | 846     | 0.06%   | 0.008%  |
| 40 | 8.087  | 1104 | 1105 | 1107 | rBV  | 967    | 818     | 0.06%   | 0.008%  |
| 41 | 8.204  | 1114 | 1125 | 1139 | rBV2 | 436600 | 1279802 | 98.28%  | 12.304% |
| 42 | 8.516  | 1176 | 1178 | 1179 | rBV  | 1242   | 917     | 0.07%   | 0.009%  |
| 43 | 8.551  | 1182 | 1184 | 1188 | rVB2 | 1778   | 1488    | 0.11%   | 0.014%  |
| 44 | 8.581  | 1188 | 1189 | 1193 | rBV2 | 886    | 1030    | 0.08%   | 0.010%  |
| 45 | 8.628  | 1195 | 1197 | 1199 | rBV2 | 1314   | 1051    | 0.08%   | 0.010%  |
| 46 | 8.704  | 1207 | 1210 | 1211 | rBV2 | 1080   | 1123    | 0.09%   | 0.011%  |
| 47 | 8.781  | 1213 | 1223 | 1235 | rBV  | 562540 | 1141663 | 87.67%  | 10.976% |
| 48 | 8.969  | 1253 | 1255 | 1258 | rBV2 | 2345   | 2423    | 0.19%   | 0.023%  |
| 49 | 9.157  | 1285 | 1287 | 1288 | rBV  | 1080   | 1060    | 0.08%   | 0.010%  |
| 50 | 9.210  | 1288 | 1296 | 1308 | rVV  | 288870 | 599753  | 46.06%  | 5.766%  |
| 51 | 9.375  | 1323 | 1324 | 1327 | rVV  | 1111   | 858     | 0.07%   | 0.008%  |
| 52 | 9.416  | 1329 | 1331 | 1333 | rBV2 | 1164   | 1036    | 0.08%   | 0.010%  |
| 53 | 9.457  | 1336 | 1338 | 1340 | rVV  | 1350   | 1084    | 0.08%   | 0.010%  |
| 54 | 9.481  | 1340 | 1342 | 1345 | rVB2 | 1554   | 1372    | 0.11%   | 0.013%  |
| 55 | 9.669  | 1370 | 1374 | 1377 | rVB2 | 1173   | 1155    | 0.09%   | 0.011%  |
| 56 | 9.822  | 1398 | 1400 | 1403 | rVV2 | 1753   | 1638    | 0.13%   | 0.016%  |
| 57 | 9.881  | 1407 | 1410 | 1411 | rVV  | 914    | 839     | 0.06%   | 0.008%  |
| 58 | 9.981  | 1419 | 1427 | 1438 | rVB  | 157974 | 301656  | 23.16%  | 2.900%  |
| 59 | 10.093 | 1445 | 1446 | 1449 | rVB  | 2006   | 976     | 0.07%   | 0.009%  |
| 60 | 10.193 | 1461 | 1463 | 1465 | rBV2 | 1314   | 1294    | 0.10%   | 0.012%  |
| 61 | 10.269 | 1469 | 1476 | 1486 | rBV  | 576226 | 1038757 | 79.77%  | 9.986%  |
| 62 | 10.434 | 1501 | 1504 | 1507 | rBV  | 956    | 1654    | 0.13%   | 0.016%  |
| 63 | 10.528 | 1513 | 1520 | 1530 | rVB  | 99391  | 178299  | 13.69%  | 1.714%  |
| 64 | 10.622 | 1535 | 1536 | 1537 | rBV  | 1470   | 911     | 0.07%   | 0.009%  |
| 65 | 10.663 | 1538 | 1543 | 1550 | rVV3 | 12523  | 21476   | 1.65%   | 0.206%  |
| 66 | 10.792 | 1563 | 1565 | 1567 | rBV  | 1090   | 1096    | 0.08%   | 0.011%  |
| 67 | 10.875 | 1572 | 1579 | 1594 | rBV  | 124785 | 228211  | 17.52%  | 2.194%  |
| 68 | 11.034 | 1599 | 1606 | 1611 | rBV4 | 12942  | 22209   | 1.71%   | 0.214%  |
| 69 | 11.134 | 1621 | 1623 | 1626 | rVV2 | 2048   | 1818    | 0.14%   | 0.017%  |
| 70 | 11.404 | 1667 | 1669 | 1672 | rVB2 | 1936   | 1554    | 0.12%   | 0.015%  |
| 71 | 11.487 | 1680 | 1683 | 1684 | rBV  | 1137   | 1147    | 0.09%   | 0.011%  |
| 72 | 11.581 | 1692 | 1699 | 1712 | rBV  | 765601 | 1302245 | 100.00% | 12.519% |
| 73 | 11.669 | 1712 | 1714 | 1716 | rBV2 | 1638   | 1316    | 0.10%   | 0.013%  |
| 74 | 11.798 | 1732 | 1736 | 1737 | rBV3 | 2043   | 1945    | 0.15%   | 0.019%  |
| 75 | 12.116 | 1788 | 1790 | 1792 | rBV2 | 1830   | 1284    | 0.10%   | 0.012%  |
| 76 | 12.163 | 1797 | 1798 | 1800 | rBV  | 1554   | 1402    | 0.11%   | 0.013%  |

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Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E05N1

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\_D\Method\SFAMDLM110923SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 12.292 | 1818 | 1820 | 1823 | rVB  | 1331   | 1290    | 0.10%  | 0.012%  |
| 78  | 12.392 | 1835 | 1837 | 1840 | rBV3 | 1105   | 1268    | 0.10%  | 0.012%  |
| 79  | 12.422 | 1840 | 1842 | 1844 | rVV  | 1596   | 1473    | 0.11%  | 0.014%  |
| 80  | 12.463 | 1847 | 1849 | 1851 | rBV  | 1103   | 865     | 0.07%  | 0.008%  |
| 81  | 12.575 | 1861 | 1868 | 1874 | rBV3 | 14619  | 28980   | 2.23%  | 0.279%  |
| 82  | 12.651 | 1874 | 1881 | 1888 | rVB  | 174486 | 285364  | 21.91% | 2.743%  |
| 83  | 12.775 | 1901 | 1902 | 1905 | rVB2 | 1365   | 828     | 0.06%  | 0.008%  |
| 84  | 12.845 | 1913 | 1914 | 1916 | rBV  | 1326   | 1013    | 0.08%  | 0.010%  |
| 85  | 13.122 | 1960 | 1961 | 1962 | rBV  | 2002   | 902     | 0.07%  | 0.009%  |
| 86  | 13.269 | 1983 | 1986 | 1990 | rVB3 | 5252   | 5997    | 0.46%  | 0.058%  |
| 87  | 13.375 | 2000 | 2004 | 2007 | rVB4 | 1969   | 3410    | 0.26%  | 0.033%  |
| 88  | 13.516 | 2021 | 2028 | 2038 | rBV  | 656086 | 1063996 | 81.70% | 10.229% |
| 89  | 13.816 | 2072 | 2079 | 2086 | rVB  | 394533 | 653814  | 50.21% | 6.286%  |
| 90  | 13.963 | 2101 | 2104 | 2105 | rBV2 | 1318   | 1187    | 0.09%  | 0.011%  |
| 91  | 14.051 | 2114 | 2119 | 2126 | rVB2 | 12970  | 23511   | 1.81%  | 0.226%  |
| 92  | 14.222 | 2146 | 2148 | 2151 | rBV2 | 1735   | 2246    | 0.17%  | 0.022%  |
| 93  | 14.310 | 2161 | 2163 | 2164 | rVB3 | 2065   | 1435    | 0.11%  | 0.014%  |
| 94  | 14.339 | 2166 | 2168 | 2172 | rVB3 | 1671   | 1623    | 0.12%  | 0.016%  |
| 95  | 14.698 | 2226 | 2229 | 2231 | rBV2 | 2884   | 2862    | 0.22%  | 0.028%  |
| 96  | 14.763 | 2239 | 2240 | 2244 | rBV2 | 1735   | 1252    | 0.10%  | 0.012%  |
| 97  | 15.069 | 2290 | 2292 | 2293 | rBV  | 2617   | 1384    | 0.11%  | 0.013%  |
| 98  | 15.133 | 2301 | 2303 | 2306 | rVB3 | 2606   | 2238    | 0.17%  | 0.022%  |
| 99  | 15.445 | 2354 | 2356 | 2357 | rBV  | 2097   | 1188    | 0.09%  | 0.011%  |
| 100 | 15.980 | 2445 | 2447 | 2448 | rBV  | 1922   | 1111    | 0.09%  | 0.011%  |

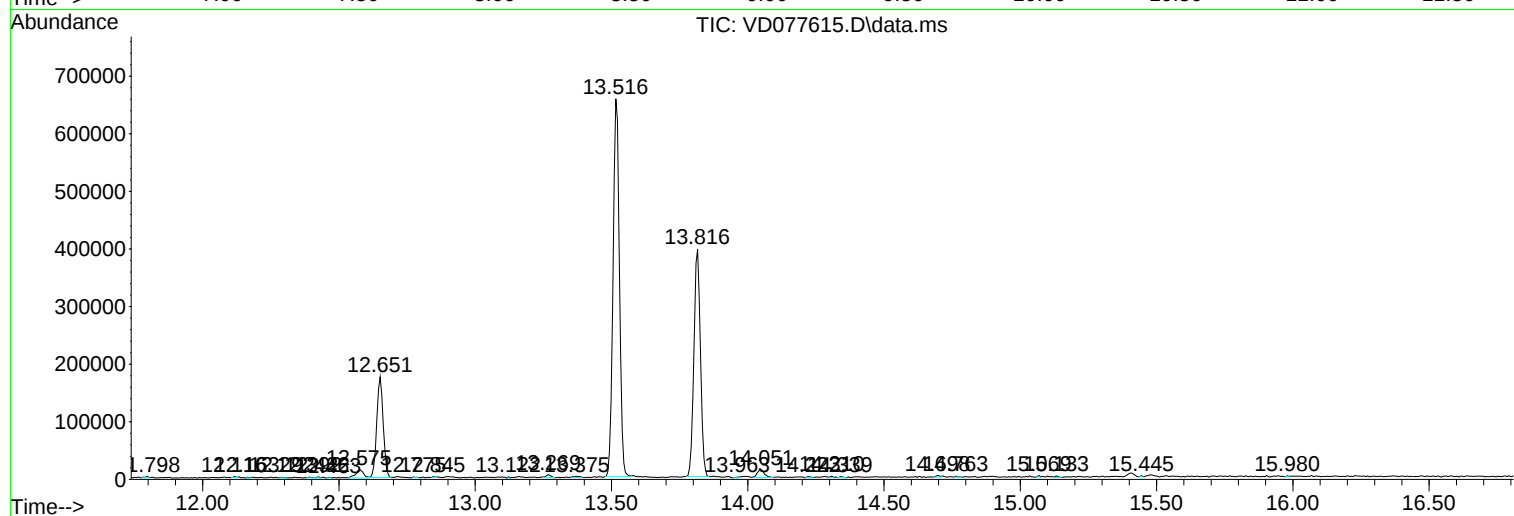
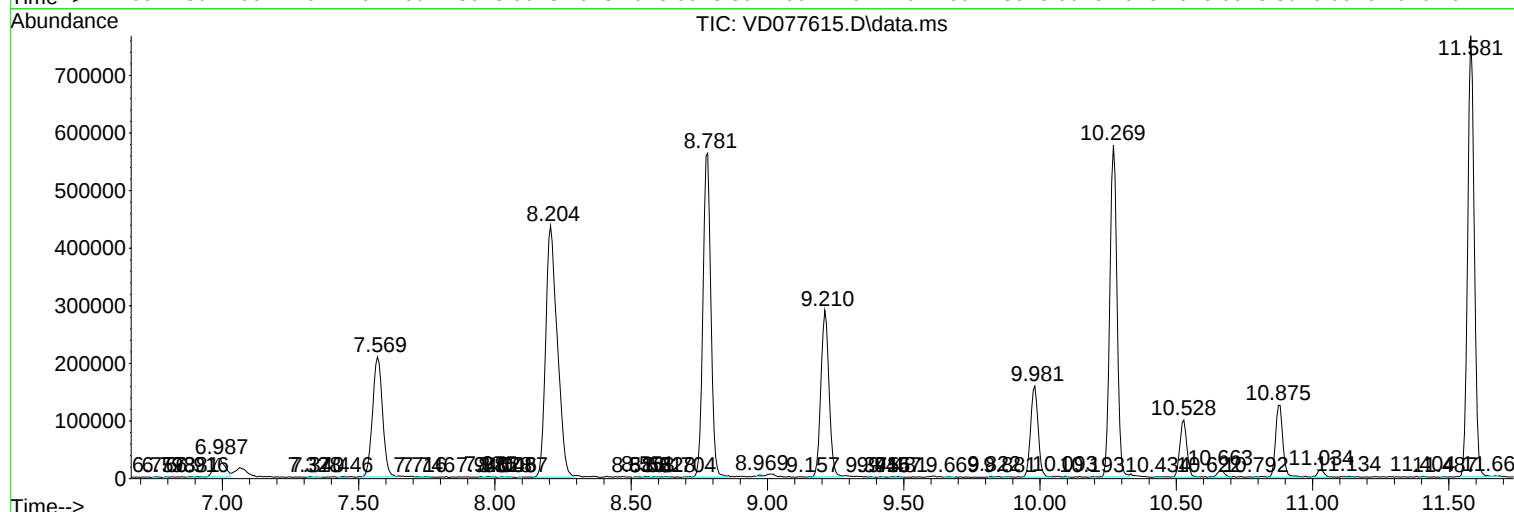
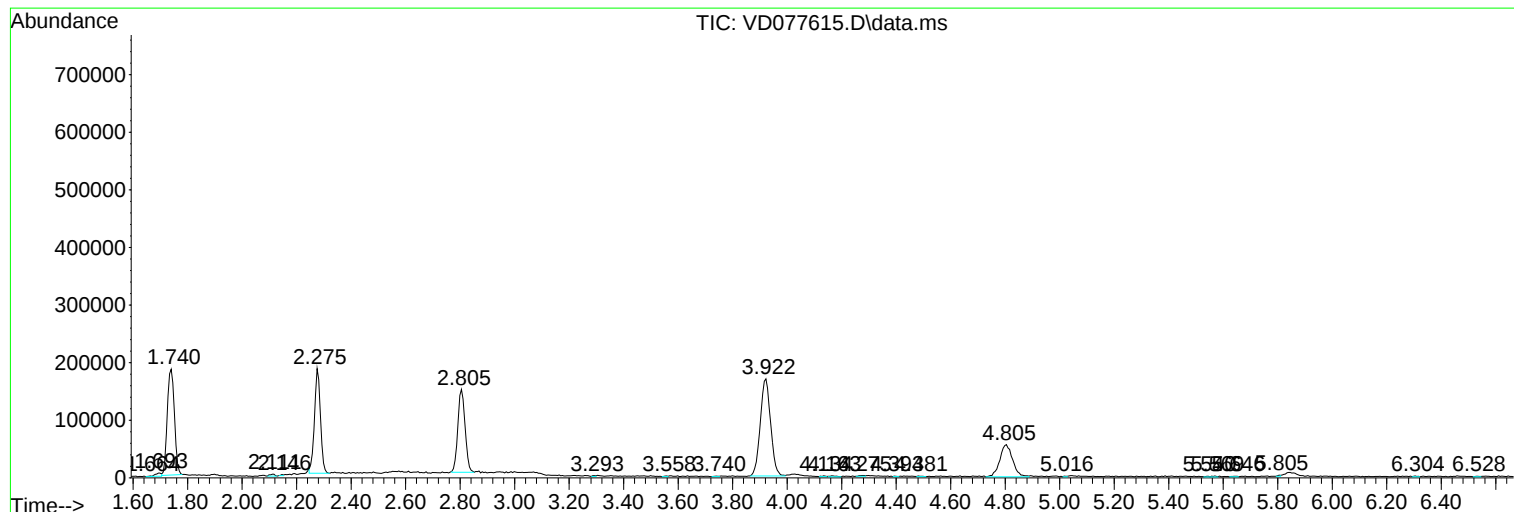
Sum of corrected areas: 10401813

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM110923SMA.M  
Quant Title : SFAM01.0

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



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No Library Search Compounds Detected

\*\*\*\*\*

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Quant Title : SFAM01.0

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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | # | RT | Resp | Conc |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|