

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032519\  
 Data File : VU030405.D  
 Acq On : 25 Mar 2019 16:16  
 Operator : JC/SP  
 Sample : VU0325WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK55

## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Title : VOC Analysis

Signal : TIC

| 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         | 1.183       | 25            | 29          | 36           | rVB      | 14973          | 13631         | 0.75%           | 0.098%        |
| 2         | 1.399       | 89            | 96          | 107          | rBV      | 286544         | 287150        | 15.75%          | 2.064%        |
| 3         | 1.672       | 173           | 181         | 196          | rVB      | 206630         | 259833        | 14.25%          | 1.868%        |
| 4         | 2.186       | 335           | 341         | 350          | rBV4     | 6013           | 9342          | 0.51%           | 0.067%        |
| 5         | 2.270       | 356           | 367         | 381          | rBV      | 412210         | 633601        | 34.75%          | 4.555%        |
| 6         | 2.608       | 468           | 472         | 474          | rBV      | 1979           | 1692          | 0.09%           | 0.012%        |
| 7         | 2.855       | 546           | 549         | 554          | rVB      | 2423           | 2271          | 0.12%           | 0.016%        |
| 8         | 2.894       | 554           | 561         | 562          | rBV      | 2090           | 2065          | 0.11%           | 0.015%        |
| 9         | 3.209       | 657           | 659         | 661          | rBV      | 1132           | 699           | 0.04%           | 0.005%        |
| 10        | 3.257       | 669           | 674         | 678          | rBV      | 1381           | 1851          | 0.10%           | 0.013%        |
| 11        | 3.312       | 686           | 691         | 693          | rBV      | 1402           | 1508          | 0.08%           | 0.011%        |
| 12        | 3.383       | 711           | 713         | 716          | rVB      | 1209           | 689           | 0.04%           | 0.005%        |
| 13        | 3.431       | 724           | 728         | 731          | rBV      | 2271           | 1804          | 0.10%           | 0.013%        |
| 14        | 3.502       | 748           | 750         | 753          | rVB      | 1845           | 907           | 0.05%           | 0.007%        |
| 15        | 3.698       | 807           | 811         | 812          | rBV      | 1237           | 897           | 0.05%           | 0.006%        |
| 16        | 3.736       | 819           | 823         | 825          | rBV      | 2254           | 1646          | 0.09%           | 0.012%        |
| 17        | 3.865       | 858           | 863         | 867          | rBV      | 2321           | 1859          | 0.10%           | 0.013%        |
| 18        | 3.887       | 867           | 870         | 872          | rBV      | 850            | 501           | 0.03%           | 0.004%        |
| 19        | 3.903       | 872           | 875         | 876          | rBV      | 1033           | 506           | 0.03%           | 0.004%        |
| 20        | 3.929       | 880           | 883         | 885          | rBV      | 1025           | 734           | 0.04%           | 0.005%        |
| 21        | 3.971       | 893           | 896         | 899          | rBV      | 1187           | 796           | 0.04%           | 0.006%        |
| 22        | 4.006       | 904           | 907         | 909          | rVB      | 1423           | 813           | 0.04%           | 0.006%        |
| 23        | 4.135       | 944           | 947         | 948          | rBV      | 1018           | 652           | 0.04%           | 0.005%        |
| 24        | 4.174       | 948           | 959         | 996          | rVV      | 192325         | 507706        | 27.85%          | 3.650%        |
| 25        | 4.379       | 1019          | 1023        | 1026         | rBV2     | 1839           | 1670          | 0.09%           | 0.012%        |
| 26        | 4.469       | 1048          | 1051        | 1053         | rBV      | 1021           | 707           | 0.04%           | 0.005%        |
| 27        | 4.643       | 1088          | 1105        | 1126         | rBV      | 290377         | 688652        | 37.77%          | 4.951%        |
| 28        | 4.836       | 1162          | 1165        | 1167         | rVB      | 1501           | 776           | 0.04%           | 0.006%        |
| 29        | 4.955       | 1200          | 1202        | 1204         | rBV      | 804            | 439           | 0.02%           | 0.003%        |
| 30        | 4.990       | 1210          | 1213        | 1219         | rVB2     | 1895           | 1858          | 0.10%           | 0.013%        |
| 31        | 5.042       | 1225          | 1229        | 1231         | rBV      | 1759           | 1622          | 0.09%           | 0.012%        |
| 32        | 5.103       | 1242          | 1248        | 1252         | rVB      | 1550           | 1774          | 0.10%           | 0.013%        |
| 33        | 5.125       | 1253          | 1255        | 1258         | rVB      | 1060           | 606           | 0.03%           | 0.004%        |
| 34        | 5.141       | 1258          | 1260        | 1264         | rBV      | 1223           | 787           | 0.04%           | 0.006%        |

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 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 5.164 | 1264 | 1267 | 1268 | rBV  | 683    | 353     | 0.02%   | 0.003%  |
| 36 | 5.206 | 1278 | 1280 | 1282 | rVB  | 1110   | 478     | 0.03%   | 0.003%  |
| 37 | 5.222 | 1282 | 1285 | 1288 | rBV2 | 780    | 514     | 0.03%   | 0.004%  |
| 38 | 5.244 | 1288 | 1292 | 1297 | rBV  | 899    | 658     | 0.04%   | 0.005%  |
| 39 | 5.334 | 1297 | 1320 | 1352 | rBV2 | 604952 | 1823100 | 100.00% | 13.106% |
| 40 | 5.611 | 1403 | 1406 | 1409 | rBV  | 1477   | 815     | 0.04%   | 0.006%  |
| 41 | 5.685 | 1424 | 1429 | 1432 | rBV  | 2002   | 1915    | 0.11%   | 0.014%  |
| 42 | 5.752 | 1448 | 1450 | 1453 | rVB  | 927    | 381     | 0.02%   | 0.003%  |
| 43 | 5.768 | 1453 | 1455 | 1457 | rBV  | 827    | 422     | 0.02%   | 0.003%  |
| 44 | 5.784 | 1457 | 1460 | 1463 | rBV  | 881    | 611     | 0.03%   | 0.004%  |
| 45 | 5.881 | 1477 | 1490 | 1520 | rBV  | 538158 | 1091540 | 59.87%  | 7.847%  |
| 46 | 6.087 | 1550 | 1554 | 1557 | rBV2 | 1543   | 1482    | 0.08%   | 0.011%  |
| 47 | 6.206 | 1588 | 1591 | 1594 | rBV  | 1357   | 1057    | 0.06%   | 0.008%  |
| 48 | 6.244 | 1599 | 1603 | 1607 | rBV  | 1917   | 1716    | 0.09%   | 0.012%  |
| 49 | 6.328 | 1614 | 1629 | 1651 | rBV  | 408156 | 832113  | 45.64%  | 5.982%  |
| 50 | 6.556 | 1695 | 1700 | 1703 | rBV  | 1114   | 1015    | 0.06%   | 0.007%  |
| 51 | 6.575 | 1703 | 1706 | 1711 | rVV  | 1330   | 1004    | 0.06%   | 0.007%  |
| 52 | 6.630 | 1719 | 1723 | 1727 | rBV  | 1460   | 1522    | 0.08%   | 0.011%  |
| 53 | 6.656 | 1728 | 1731 | 1735 | rBV3 | 1075   | 1082    | 0.06%   | 0.008%  |
| 54 | 6.698 | 1741 | 1744 | 1748 | rBV  | 1045   | 829     | 0.05%   | 0.006%  |
| 55 | 6.743 | 1754 | 1758 | 1759 | rBV  | 2026   | 1388    | 0.08%   | 0.010%  |
| 56 | 6.791 | 1771 | 1773 | 1777 | rVB  | 1462   | 899     | 0.05%   | 0.006%  |
| 57 | 6.817 | 1777 | 1781 | 1782 | rBV2 | 1160   | 853     | 0.05%   | 0.006%  |
| 58 | 6.845 | 1787 | 1790 | 1793 | rBV  | 1273   | 1066    | 0.06%   | 0.008%  |
| 59 | 6.865 | 1793 | 1796 | 1801 | rVV  | 1616   | 1341    | 0.07%   | 0.010%  |
| 60 | 6.910 | 1807 | 1810 | 1813 | rBV  | 1703   | 1058    | 0.06%   | 0.008%  |
| 61 | 6.926 | 1813 | 1815 | 1818 | rVV  | 1195   | 821     | 0.05%   | 0.006%  |
| 62 | 6.942 | 1818 | 1820 | 1823 | rVB  | 1906   | 1044    | 0.06%   | 0.008%  |
| 63 | 6.971 | 1824 | 1829 | 1833 | rVB2 | 1865   | 1561    | 0.09%   | 0.011%  |
| 64 | 7.013 | 1833 | 1842 | 1845 | rBV  | 1794   | 2783    | 0.15%   | 0.020%  |
| 65 | 7.029 | 1845 | 1847 | 1851 | rVB  | 1086   | 547     | 0.03%   | 0.004%  |
| 66 | 7.061 | 1854 | 1857 | 1860 | rBV  | 1921   | 1418    | 0.08%   | 0.010%  |
| 67 | 7.138 | 1878 | 1881 | 1885 | rVB  | 1785   | 1334    | 0.07%   | 0.010%  |
| 68 | 7.157 | 1885 | 1887 | 1890 | rVB  | 1162   | 599     | 0.03%   | 0.004%  |
| 69 | 7.177 | 1890 | 1893 | 1896 | rBV  | 1224   | 935     | 0.05%   | 0.007%  |
| 70 | 7.225 | 1896 | 1908 | 1928 | rBV  | 224544 | 419974  | 23.04%  | 3.019%  |
| 71 | 7.562 | 1999 | 2013 | 2034 | rBV  | 774035 | 1372493 | 75.28%  | 9.867%  |

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Instrument :  
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## Integration Parameters: LSCINT.P

Integrator: RTE  
 Smoothing : OFF  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
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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\_U\METHOD\SOMULM032319WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 72 | 7.849  | 2091 | 2102 | 2122 | rBV  | 152233 | 271971  | 14.92% | 1.955% |
| 73 | 8.003  | 2148 | 2150 | 2153 | rBV  | 1619   | 891     | 0.05%  | 0.006% |
| 74 | 8.308  | 2234 | 2245 | 2276 | rBV  | 614465 | 1143892 | 62.74% | 8.223% |
| 75 | 8.672  | 2355 | 2358 | 2363 | rBV  | 2119   | 2200    | 0.12%  | 0.016% |
| 76 | 8.813  | 2399 | 2402 | 2409 | rVB  | 2161   | 2234    | 0.12%  | 0.016% |
| 77 | 9.009  | 2460 | 2463 | 2466 | rBV  | 1975   | 1712    | 0.09%  | 0.012% |
| 78 | 9.087  | 2475 | 2487 | 2505 | rBV  | 777599 | 1335143 | 73.23% | 9.598% |
| 79 | 9.871  | 2728 | 2731 | 2735 | rBV  | 1479   | 1408    | 0.08%  | 0.010% |
| 80 | 10.070 | 2790 | 2793 | 2797 | rBV  | 1146   | 765     | 0.04%  | 0.005% |
| 81 | 10.244 | 2845 | 2847 | 2849 | rBV  | 1255   | 725     | 0.04%  | 0.005% |
| 82 | 10.427 | 2893 | 2904 | 2923 | rBV  | 541712 | 873812  | 47.93% | 6.282% |
| 83 | 11.080 | 3105 | 3107 | 3113 | rVB  | 1355   | 1262    | 0.07%  | 0.009% |
| 84 | 11.276 | 3164 | 3168 | 3172 | rBV  | 2519   | 2562    | 0.14%  | 0.018% |
| 85 | 11.482 | 3220 | 3232 | 3258 | rBV  | 667816 | 1124588 | 61.69% | 8.085% |
| 86 | 11.858 | 3336 | 3349 | 3372 | rBV  | 652324 | 1125424 | 61.73% | 8.091% |
| 87 | 12.199 | 3452 | 3455 | 3457 | rBV  | 1446   | 936     | 0.05%  | 0.007% |
| 88 | 12.260 | 3470 | 3474 | 3477 | rBV  | 2813   | 2530    | 0.14%  | 0.018% |
| 89 | 12.350 | 3500 | 3502 | 3504 | rBV  | 1264   | 705     | 0.04%  | 0.005% |
| 90 | 12.794 | 3637 | 3640 | 3641 | rBV  | 1123   | 610     | 0.03%  | 0.004% |
| 91 | 12.874 | 3663 | 3665 | 3668 | rBV2 | 1066   | 708     | 0.04%  | 0.005% |
| 92 | 12.900 | 3670 | 3673 | 3677 | rBV  | 2394   | 1859    | 0.10%  | 0.013% |
| 93 | 12.977 | 3694 | 3697 | 3699 | rBV2 | 1392   | 830     | 0.05%  | 0.006% |
| 94 | 13.009 | 3704 | 3707 | 3711 | rVV  | 1769   | 1286    | 0.07%  | 0.009% |
| 95 | 13.430 | 3835 | 3838 | 3844 | rBV  | 2176   | 2361    | 0.13%  | 0.017% |
| 96 | 13.768 | 3939 | 3943 | 3945 | rBV  | 2349   | 1782    | 0.10%  | 0.013% |
| 97 | 14.356 | 4124 | 4126 | 4129 | rBV2 | 1402   | 992     | 0.05%  | 0.007% |
| 98 | 15.016 | 4329 | 4331 | 4333 | rBV  | 1475   | 900     | 0.05%  | 0.006% |
| 99 | 15.479 | 4472 | 4475 | 4477 | rBV  | 2490   | 1528    | 0.08%  | 0.011% |

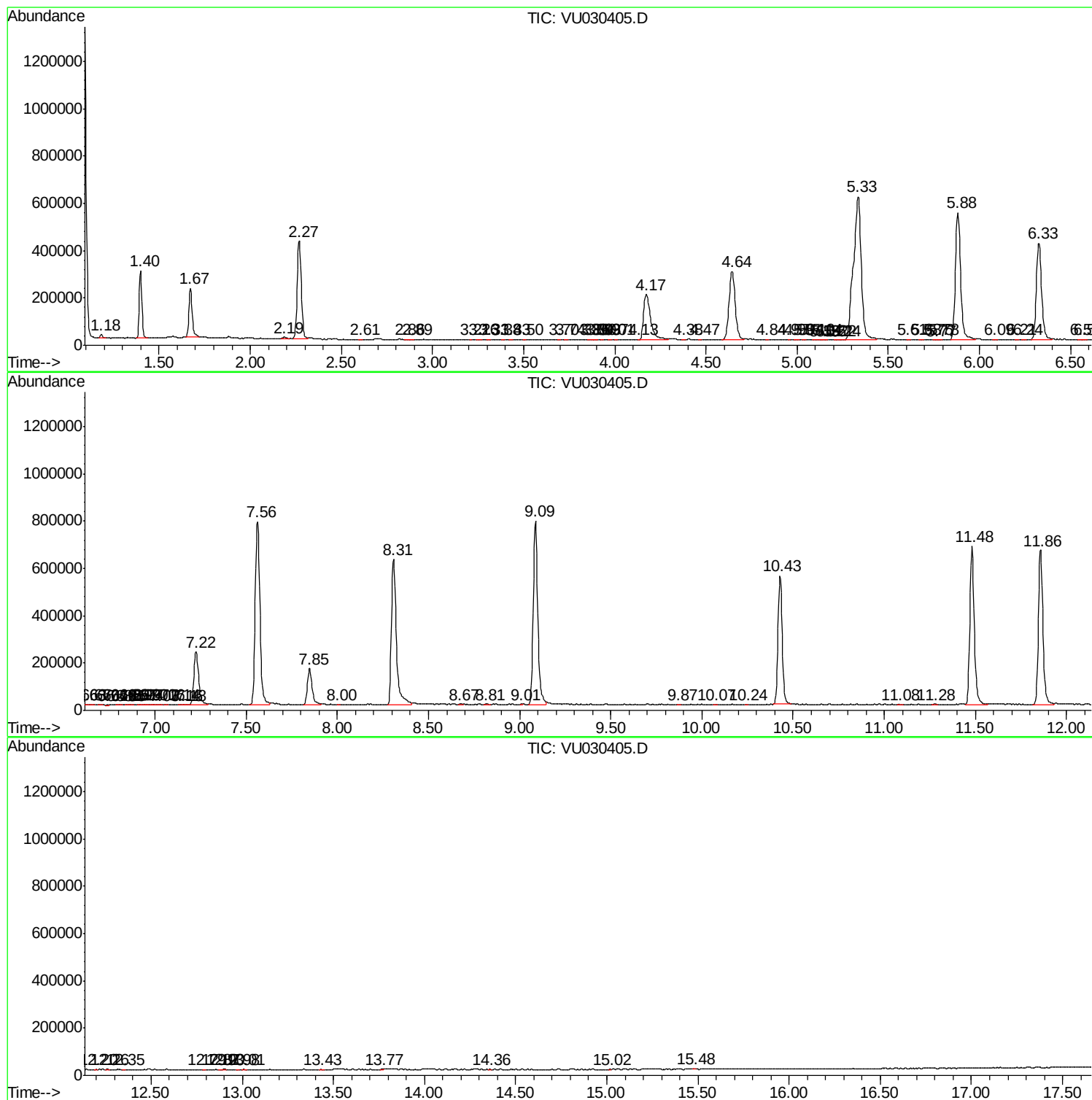
Sum of corrected areas: 13910381

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU032519\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

\*\*\*\*\*

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