

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100918\  
 Data File : VW005943.D  
 Acq On : 09 Oct 2018 15:36  
 Operator : SY/AP  
 Sample : J5180-21  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

## 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\_W\METHOD\SOM2WLM100918S.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.959    | 6          | 9        | 14        | rVB4  | 3062        | 4600       | 0.28%        | 0.041%     |
| 2      | 2.154    | 38         | 41       | 43        | rBV2  | 984         | 1284       | 0.08%        | 0.012%     |
| 3      | 2.221    | 45         | 52       | 54        | rBV7  | 3507        | 9467       | 0.57%        | 0.085%     |
| 4      | 2.361    | 68         | 75       | 87        | rBV   | 73340       | 160140     | 9.72%        | 1.442%     |
| 5      | 2.897    | 156        | 163      | 180       | rVB   | 55681       | 157918     | 9.59%        | 1.422%     |
| 6      | 3.849    | 314        | 319      | 320       | rBV4  | 1264        | 1880       | 0.11%        | 0.017%     |
| 7      | 4.013    | 335        | 346      | 363       | rVV   | 131545      | 425331     | 25.82%       | 3.829%     |
| 8      | 4.263    | 385        | 387      | 390       | rBV4  | 384         | 500        | 0.03%        | 0.005%     |
| 9      | 4.428    | 411        | 414      | 416       | rBV3  | 492         | 659        | 0.04%        | 0.006%     |
| 10     | 4.909    | 483        | 493      | 509       | rVV4  | 6892        | 27054      | 1.64%        | 0.244%     |
| 11     | 5.123    | 521        | 528      | 531       | rBV7  | 919         | 2157       | 0.13%        | 0.019%     |
| 12     | 5.745    | 624        | 630      | 639       | rVV5  | 1462        | 4489       | 0.27%        | 0.040%     |
| 13     | 5.934    | 652        | 661      | 673       | rVV4  | 5372        | 16530      | 1.00%        | 0.149%     |
| 14     | 6.330    | 723        | 726      | 729       | rBV4  | 458         | 562        | 0.03%        | 0.005%     |
| 15     | 6.452    | 743        | 746      | 749       | rBV3  | 647         | 773        | 0.05%        | 0.007%     |
| 16     | 6.702    | 784        | 787      | 791       | rVB3  | 432         | 472        | 0.03%        | 0.004%     |
| 17     | 7.086    | 840        | 850      | 855       | rBV   | 37495       | 102170     | 6.20%        | 0.920%     |
| 18     | 7.153    | 856        | 861      | 873       | rVB   | 53436       | 144728     | 8.79%        | 1.303%     |
| 19     | 7.476    | 909        | 914      | 915       | rBV3  | 517         | 496        | 0.03%        | 0.004%     |
| 20     | 7.531    | 920        | 923      | 925       | rBV4  | 589         | 747        | 0.05%        | 0.007%     |
| 21     | 7.653    | 931        | 943      | 956       | rBV   | 201954      | 499812     | 30.34%       | 4.500%     |
| 22     | 7.958    | 986        | 993      | 998       | rBV7  | 1291        | 3090       | 0.19%        | 0.028%     |
| 23     | 8.043    | 1005       | 1007     | 1010      | rBV3  | 360         | 541        | 0.03%        | 0.005%     |
| 24     | 8.275    | 1031       | 1045     | 1062      | rBV3  | 521609      | 1647394    | 100.00%      | 14.832%    |
| 25     | 8.628    | 1101       | 1103     | 1105      | rVV3  | 754         | 703        | 0.04%        | 0.006%     |
| 26     | 8.842    | 1130       | 1138     | 1152      | rVV   | 444323      | 889458     | 53.99%       | 8.008%     |
| 27     | 9.006    | 1161       | 1165     | 1166      | rBV3  | 496         | 525        | 0.03%        | 0.005%     |
| 28     | 9.061    | 1169       | 1174     | 1175      | rBV4  | 1059        | 1317       | 0.08%        | 0.012%     |
| 29     | 9.183    | 1190       | 1194     | 1195      | rBV3  | 337         | 471        | 0.03%        | 0.004%     |
| 30     | 9.274    | 1201       | 1209     | 1218      | rBV   | 261191      | 544064     | 33.03%       | 4.898%     |
| 31     | 9.463    | 1237       | 1240     | 1243      | rBV4  | 367         | 549        | 0.03%        | 0.005%     |
| 32     | 9.665    | 1268       | 1273     | 1278      | rVB4  | 891         | 2027       | 0.12%        | 0.018%     |
| 33     | 9.762    | 1284       | 1289     | 1294      | rBV3  | 1947        | 3263       | 0.20%        | 0.029%     |
| 34     | 9.896    | 1305       | 1311     | 1318      | rVV2  | 5900        | 12200      | 0.74%        | 0.110%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100918S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 9.969  | 1318 | 1323 | 1327 | rVV4 | 2512   | 6110    | 0.37%  | 0.055% |
| 36 | 10.036 | 1327 | 1334 | 1344 | rVV  | 170142 | 303482  | 18.42% | 2.732% |
| 37 | 10.122 | 1346 | 1348 | 1351 | rVV4 | 753    | 934     | 0.06%  | 0.008% |
| 38 | 10.225 | 1359 | 1365 | 1366 | rVV4 | 2205   | 4024    | 0.24%  | 0.036% |
| 39 | 10.250 | 1366 | 1369 | 1374 | rVV2 | 4011   | 6679    | 0.41%  | 0.060% |
| 40 | 10.329 | 1374 | 1382 | 1390 | rVV  | 617115 | 1102509 | 66.92% | 9.926% |
| 41 | 10.384 | 1390 | 1391 | 1400 | rVB3 | 3102   | 5034    | 0.31%  | 0.045% |
| 42 | 10.457 | 1400 | 1403 | 1406 | rBV5 | 321    | 484     | 0.03%  | 0.004% |
| 43 | 10.579 | 1415 | 1423 | 1432 | rBV  | 110387 | 193734  | 11.76% | 1.744% |
| 44 | 10.713 | 1437 | 1445 | 1453 | rVV  | 128400 | 239050  | 14.51% | 2.152% |
| 45 | 10.780 | 1453 | 1456 | 1462 | rVB6 | 1352   | 2373    | 0.14%  | 0.021% |
| 46 | 10.853 | 1462 | 1468 | 1473 | rBV6 | 2793   | 5714    | 0.35%  | 0.051% |
| 47 | 10.927 | 1473 | 1480 | 1493 | rVV  | 162054 | 272398  | 16.54% | 2.453% |
| 48 | 11.067 | 1497 | 1503 | 1513 | rVV  | 56975  | 98342   | 5.97%  | 0.885% |
| 49 | 11.176 | 1516 | 1521 | 1529 | rVB4 | 3643   | 7336    | 0.45%  | 0.066% |
| 50 | 11.341 | 1544 | 1548 | 1550 | rBV3 | 438    | 805     | 0.05%  | 0.007% |
| 51 | 11.445 | 1555 | 1565 | 1575 | rVB  | 83337  | 139331  | 8.46%  | 1.254% |
| 52 | 11.554 | 1578 | 1583 | 1585 | rVB4 | 506    | 663     | 0.04%  | 0.006% |
| 53 | 11.634 | 1588 | 1596 | 1605 | rBV  | 650577 | 1098936 | 66.71% | 9.894% |
| 54 | 11.737 | 1609 | 1613 | 1619 | rVB2 | 2045   | 3222    | 0.20%  | 0.029% |
| 55 | 11.841 | 1626 | 1630 | 1635 | rBV2 | 2149   | 4073    | 0.25%  | 0.037% |
| 56 | 12.054 | 1662 | 1665 | 1668 | rVV3 | 395    | 577     | 0.04%  | 0.005% |
| 57 | 12.097 | 1670 | 1672 | 1675 | rBV2 | 430    | 469     | 0.03%  | 0.004% |
| 58 | 12.182 | 1680 | 1686 | 1691 | rVV5 | 3216   | 6302    | 0.38%  | 0.057% |
| 59 | 12.377 | 1715 | 1718 | 1721 | rVB4 | 660    | 999     | 0.06%  | 0.009% |
| 60 | 12.414 | 1721 | 1724 | 1725 | rBV2 | 479    | 466     | 0.03%  | 0.004% |
| 61 | 12.475 | 1725 | 1734 | 1738 | rBV3 | 2530   | 4342    | 0.26%  | 0.039% |
| 62 | 12.615 | 1749 | 1757 | 1764 | rBV  | 86849  | 141521  | 8.59%  | 1.274% |
| 63 | 12.695 | 1764 | 1770 | 1778 | rVV  | 242542 | 399109  | 24.23% | 3.593% |
| 64 | 12.762 | 1778 | 1781 | 1785 | rVB5 | 1080   | 1437    | 0.09%  | 0.013% |
| 65 | 12.798 | 1785 | 1787 | 1791 | rVB4 | 435    | 684     | 0.04%  | 0.006% |
| 66 | 12.859 | 1793 | 1797 | 1798 | rBV3 | 598    | 648     | 0.04%  | 0.006% |
| 67 | 12.938 | 1805 | 1810 | 1817 | rBV2 | 11374  | 18203   | 1.10%  | 0.164% |
| 68 | 13.048 | 1822 | 1828 | 1831 | rVV5 | 906    | 1802    | 0.11%  | 0.016% |
| 69 | 13.085 | 1831 | 1834 | 1840 | rVB5 | 1070   | 1523    | 0.09%  | 0.014% |
| 70 | 13.201 | 1847 | 1853 | 1856 | rBV4 | 1041   | 1602    | 0.10%  | 0.014% |
| 71 | 13.304 | 1865 | 1870 | 1877 | rVB  | 11121  | 17021   | 1.03%  | 0.153% |

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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 >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100918S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 13.414 | 1881 | 1888 | 1894 | rBV5 | 2484   | 4690    | 0.28%  | 0.042%  |
| 73  | 13.505 | 1896 | 1903 | 1906 | rVV6 | 4439   | 8710    | 0.53%  | 0.078%  |
| 74  | 13.566 | 1906 | 1913 | 1926 | rVV  | 721710 | 1174450 | 71.29% | 10.574% |
| 75  | 13.658 | 1926 | 1928 | 1932 | rVB3 | 715    | 755     | 0.05%  | 0.007%  |
| 76  | 13.767 | 1941 | 1946 | 1951 | rBV6 | 2407   | 4581    | 0.28%  | 0.041%  |
| 77  | 13.859 | 1954 | 1961 | 1968 | rVV  | 644621 | 1036757 | 62.93% | 9.334%  |
| 78  | 13.914 | 1968 | 1970 | 1974 | rVV  | 2541   | 3367    | 0.20%  | 0.030%  |
| 79  | 13.956 | 1975 | 1977 | 1982 | rVB3 | 1382   | 1932    | 0.12%  | 0.017%  |
| 80  | 14.024 | 1984 | 1988 | 1991 | rVV4 | 957    | 1303    | 0.08%  | 0.012%  |
| 81  | 14.078 | 1991 | 1997 | 2006 | rVB2 | 17234  | 29288   | 1.78%  | 0.264%  |
| 82  | 14.182 | 2011 | 2014 | 2016 | rBV3 | 312    | 468     | 0.03%  | 0.004%  |
| 83  | 14.334 | 2032 | 2039 | 2044 | rBV7 | 2939   | 7801    | 0.47%  | 0.070%  |
| 84  | 14.633 | 2084 | 2088 | 2092 | rBV5 | 3792   | 5882    | 0.36%  | 0.053%  |
| 85  | 14.743 | 2095 | 2106 | 2110 | rBV9 | 1960   | 5166    | 0.31%  | 0.047%  |
| 86  | 14.847 | 2120 | 2123 | 2126 | rVB3 | 641    | 659     | 0.04%  | 0.006%  |
| 87  | 14.901 | 2126 | 2132 | 2135 | rVB6 | 501    | 985     | 0.06%  | 0.009%  |
| 88  | 15.139 | 2166 | 2171 | 2177 | rVB3 | 4246   | 7435    | 0.45%  | 0.067%  |
| 89  | 15.188 | 2177 | 2179 | 2181 | rBV3 | 671    | 709     | 0.04%  | 0.006%  |
| 90  | 15.273 | 2190 | 2193 | 2194 | rBV2 | 412    | 483     | 0.03%  | 0.004%  |
| 91  | 15.377 | 2205 | 2210 | 2215 | rVV2 | 4012   | 7542    | 0.46%  | 0.068%  |
| 92  | 15.450 | 2217 | 2222 | 2227 | rVV  | 8230   | 14579   | 0.88%  | 0.131%  |
| 93  | 15.511 | 2227 | 2232 | 2237 | rVV  | 7627   | 15043   | 0.91%  | 0.135%  |
| 94  | 15.560 | 2237 | 2240 | 2246 | rVV5 | 4189   | 7884    | 0.48%  | 0.071%  |
| 95  | 15.603 | 2246 | 2247 | 2249 | rVV2 | 730    | 558     | 0.03%  | 0.005%  |
| 96  | 15.651 | 2252 | 2255 | 2258 | rBV4 | 704    | 1118    | 0.07%  | 0.010%  |
| 97  | 15.706 | 2260 | 2264 | 2270 | rVV7 | 1255   | 2623    | 0.16%  | 0.024%  |
| 98  | 15.859 | 2287 | 2289 | 2294 | rVB5 | 847    | 1044    | 0.06%  | 0.009%  |
| 99  | 15.968 | 2305 | 2307 | 2313 | rVB6 | 763    | 1115    | 0.07%  | 0.010%  |
| 100 | 16.102 | 2327 | 2329 | 2331 | rBV2 | 724    | 625     | 0.04%  | 0.006%  |

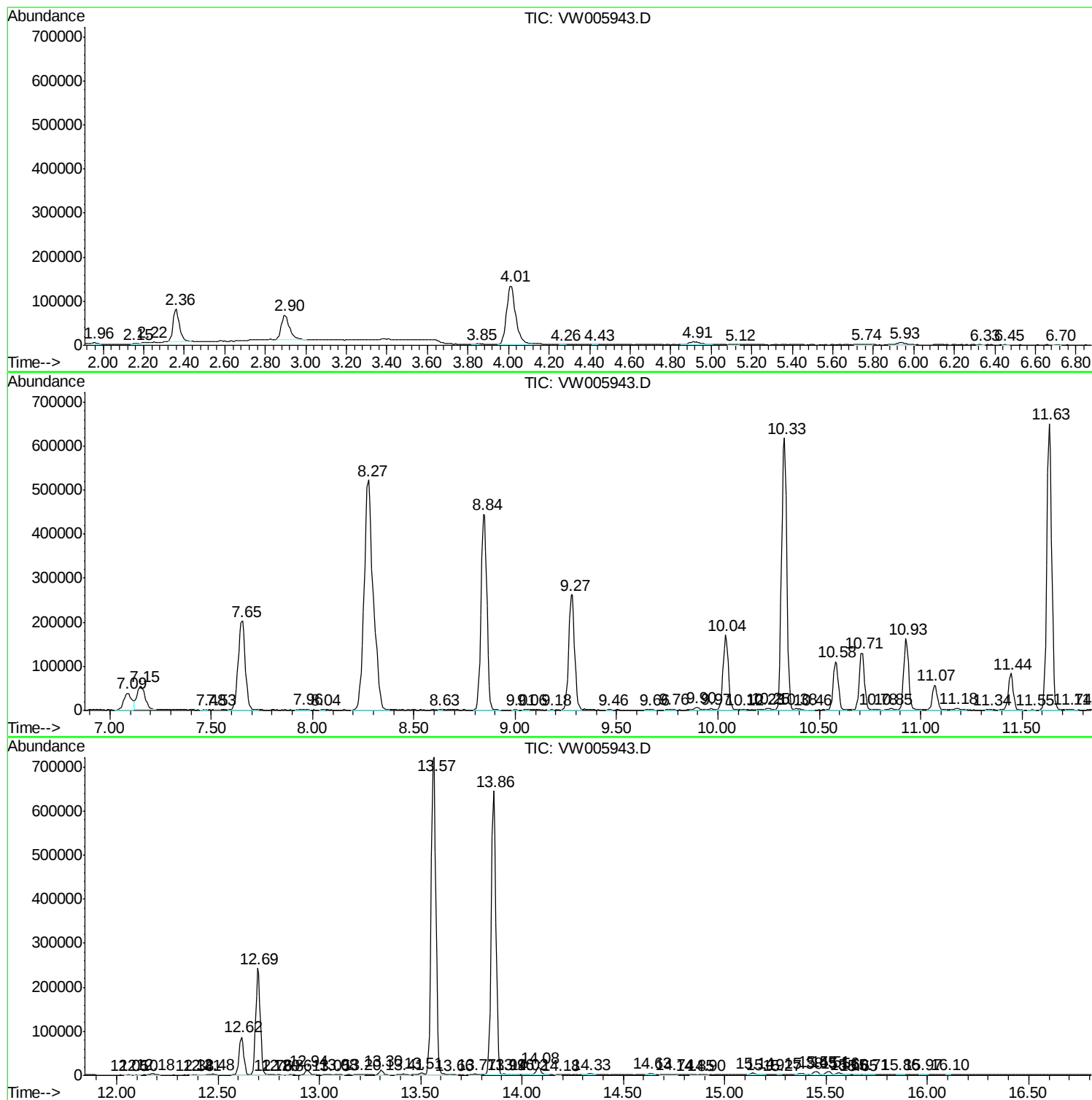
Sum of corrected areas: 11106861

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM100918S.M  
Quant Title : VOC Analysis

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



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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        |