

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\  
 Data File : VW009510.D  
 Acq On : 27 Mar 2019 18:29  
 Operator : SY/VA  
 Sample : K2065-17  
 Misc : 5.43G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFC99

## 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\SOM2WLM031419S.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      | 2.361    | 69         | 75       | 85        | rBV   | 54283       | 120697     | 10.28%       | 1.316%     |
| 2      | 3.891    | 324        | 326      | 329       | rVB   | 1810        | 1019       | 0.09%        | 0.011%     |
| 3      | 4.007    | 336        | 345      | 358       | rBV2  | 101825      | 346152     | 29.48%       | 3.774%     |
| 4      | 4.342    | 398        | 400      | 405       | rBV2  | 1911        | 3652       | 0.31%        | 0.040%     |
| 5      | 4.550    | 433        | 434      | 437       | rBV   | 1604        | 1473       | 0.13%        | 0.016%     |
| 6      | 4.781    | 467        | 472      | 474       | rBV2  | 2679        | 2980       | 0.25%        | 0.032%     |
| 7      | 4.909    | 483        | 493      | 512       | rVB4  | 29459       | 127015     | 10.82%       | 1.385%     |
| 8      | 5.172    | 534        | 536      | 538       | rBV   | 1262        | 1386       | 0.12%        | 0.015%     |
| 9      | 5.306    | 556        | 558      | 560       | rVB   | 1918        | 1352       | 0.12%        | 0.015%     |
| 10     | 5.342    | 560        | 564      | 567       | rBV3  | 2251        | 3508       | 0.30%        | 0.038%     |
| 11     | 5.598    | 603        | 606      | 609       | rBV   | 1595        | 2378       | 0.20%        | 0.026%     |
| 12     | 5.629    | 609        | 611      | 613       | rBV   | 1390        | 1510       | 0.13%        | 0.016%     |
| 13     | 5.739    | 626        | 629      | 630       | rBV   | 1532        | 1585       | 0.13%        | 0.017%     |
| 14     | 5.830    | 643        | 644      | 647       | rBV2  | 1926        | 1948       | 0.17%        | 0.021%     |
| 15     | 5.860    | 647        | 649      | 650       | rVV   | 1978        | 1493       | 0.13%        | 0.016%     |
| 16     | 5.928    | 650        | 660      | 668       | rVB8  | 9873        | 33943      | 2.89%        | 0.370%     |
| 17     | 6.086    | 684        | 686      | 687       | rVB   | 1722        | 1213       | 0.10%        | 0.013%     |
| 18     | 6.104    | 687        | 689      | 691       | rBV   | 2522        | 1841       | 0.16%        | 0.020%     |
| 19     | 6.123    | 691        | 692      | 694       | rBV   | 1379        | 1144       | 0.10%        | 0.012%     |
| 20     | 6.299    | 718        | 721      | 722       | rBV2  | 2263        | 1761       | 0.15%        | 0.019%     |
| 21     | 6.336    | 726        | 727      | 730       | rVB   | 2314        | 1811       | 0.15%        | 0.020%     |
| 22     | 6.366    | 730        | 732      | 734       | rBV   | 2015        | 1563       | 0.13%        | 0.017%     |
| 23     | 6.409    | 737        | 739      | 743       | rVB   | 2347        | 2939       | 0.25%        | 0.032%     |
| 24     | 6.452    | 743        | 746      | 747       | rBV   | 1368        | 1575       | 0.13%        | 0.017%     |
| 25     | 6.482    | 748        | 751      | 752       | rBV   | 1618        | 1470       | 0.13%        | 0.016%     |
| 26     | 6.549    | 760        | 762      | 765       | rVB2  | 2341        | 1984       | 0.17%        | 0.022%     |
| 27     | 6.580    | 765        | 767      | 770       | rBV   | 1506        | 2435       | 0.21%        | 0.027%     |
| 28     | 6.610    | 770        | 772      | 773       | rVV   | 2718        | 1620       | 0.14%        | 0.018%     |
| 29     | 6.677    | 779        | 783      | 784       | rVB   | 1558        | 1379       | 0.12%        | 0.015%     |
| 30     | 6.696    | 784        | 786      | 789       | rVB2  | 1953        | 1964       | 0.17%        | 0.021%     |
| 31     | 6.726    | 789        | 791      | 792       | rBV   | 2303        | 1634       | 0.14%        | 0.018%     |
| 32     | 6.744    | 792        | 794      | 796       | rBV2  | 1318        | 1266       | 0.11%        | 0.014%     |
| 33     | 6.781    | 798        | 800      | 804       | rVB   | 1669        | 2188       | 0.19%        | 0.024%     |
| 34     | 6.824    | 804        | 807      | 808       | rBV2  | 1578        | 1626       | 0.14%        | 0.018%     |

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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\_W\METHOD\SOM2WLM031419S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 6.970  | 830  | 831  | 834  | rBV  | 1489   | 1193    | 0.10%   | 0.013%  |
| 36 | 7.000  | 834  | 836  | 839  | rVB  | 2409   | 2283    | 0.19%   | 0.025%  |
| 37 | 7.080  | 839  | 849  | 858  | rBV2 | 41093  | 125112  | 10.66%  | 1.364%  |
| 38 | 7.372  | 895  | 897  | 900  | rBV  | 2056   | 1683    | 0.14%   | 0.018%  |
| 39 | 7.421  | 903  | 905  | 907  | rBV  | 1595   | 1335    | 0.11%   | 0.015%  |
| 40 | 7.647  | 929  | 942  | 952  | rVV  | 237673 | 585453  | 49.86%  | 6.383%  |
| 41 | 7.750  | 957  | 959  | 961  | rVV  | 1341   | 1274    | 0.11%   | 0.014%  |
| 42 | 7.817  | 967  | 970  | 971  | rBV  | 2023   | 2396    | 0.20%   | 0.026%  |
| 43 | 7.878  | 976  | 980  | 983  | rVB  | 1884   | 3204    | 0.27%   | 0.035%  |
| 44 | 7.921  | 983  | 987  | 989  | rBV  | 1529   | 2331    | 0.20%   | 0.025%  |
| 45 | 7.970  | 994  | 995  | 997  | rVB  | 1497   | 1067    | 0.09%   | 0.012%  |
| 46 | 8.269  | 1035 | 1044 | 1060 | rVB2 | 382299 | 1174110 | 100.00% | 12.802% |
| 47 | 8.494  | 1079 | 1081 | 1082 | rBV  | 2595   | 1330    | 0.11%   | 0.015%  |
| 48 | 8.659  | 1106 | 1108 | 1111 | rVB2 | 2468   | 2455    | 0.21%   | 0.027%  |
| 49 | 8.689  | 1111 | 1113 | 1115 | rBV2 | 1934   | 2258    | 0.19%   | 0.025%  |
| 50 | 8.707  | 1115 | 1116 | 1119 | rVV  | 2697   | 2271    | 0.19%   | 0.025%  |
| 51 | 8.842  | 1129 | 1138 | 1146 | rBV  | 475321 | 936786  | 79.79%  | 10.214% |
| 52 | 9.201  | 1194 | 1197 | 1198 | rBV  | 1770   | 1486    | 0.13%   | 0.016%  |
| 53 | 9.274  | 1201 | 1209 | 1221 | rVV  | 301646 | 601557  | 51.24%  | 6.559%  |
| 54 | 9.463  | 1238 | 1240 | 1241 | rBV  | 2086   | 1260    | 0.11%   | 0.014%  |
| 55 | 9.549  | 1252 | 1254 | 1256 | rBV  | 1815   | 1408    | 0.12%   | 0.015%  |
| 56 | 9.659  | 1269 | 1272 | 1273 | rBV  | 1313   | 1419    | 0.12%   | 0.015%  |
| 57 | 9.713  | 1278 | 1281 | 1283 | rBV  | 1793   | 2241    | 0.19%   | 0.024%  |
| 58 | 9.750  | 1283 | 1287 | 1289 | rVV  | 3558   | 3962    | 0.34%   | 0.043%  |
| 59 | 9.787  | 1292 | 1293 | 1295 | rVB  | 1713   | 1146    | 0.10%   | 0.012%  |
| 60 | 10.030 | 1326 | 1333 | 1342 | rBV  | 143857 | 265138  | 22.58%  | 2.891%  |
| 61 | 10.323 | 1373 | 1381 | 1391 | rBV  | 506381 | 874919  | 74.52%  | 9.539%  |
| 62 | 10.463 | 1402 | 1404 | 1406 | rBV  | 2373   | 2343    | 0.20%   | 0.026%  |
| 63 | 10.579 | 1417 | 1423 | 1432 | rVB  | 100132 | 174255  | 14.84%  | 1.900%  |
| 64 | 10.701 | 1442 | 1443 | 1448 | rVB3 | 5014   | 5099    | 0.43%   | 0.056%  |
| 65 | 10.768 | 1451 | 1454 | 1457 | rBV2 | 2136   | 2417    | 0.21%   | 0.026%  |
| 66 | 10.927 | 1474 | 1480 | 1490 | rBV2 | 159899 | 284232  | 24.21%  | 3.099%  |
| 67 | 11.286 | 1537 | 1539 | 1544 | rBV2 | 3205   | 4684    | 0.40%   | 0.051%  |
| 68 | 11.475 | 1569 | 1570 | 1571 | rBV  | 2147   | 1228    | 0.10%   | 0.013%  |
| 69 | 11.628 | 1589 | 1595 | 1603 | rBV  | 669975 | 1127033 | 95.99%  | 12.288% |
| 70 | 12.140 | 1677 | 1679 | 1682 | rVV  | 2882   | 2356    | 0.20%   | 0.026%  |
| 71 | 12.170 | 1682 | 1684 | 1687 | rVB2 | 3421   | 4086    | 0.35%   | 0.045%  |

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 Start Thrs: 0.2  
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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 >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 12.329 | 1708 | 1710 | 1712 | rBV  | 1712   | 1913   | 0.16%  | 0.021%  |
| 73  | 12.609 | 1751 | 1756 | 1762 | rVB4 | 15820  | 26915  | 2.29%  | 0.293%  |
| 74  | 12.695 | 1762 | 1770 | 1776 | rBV  | 253626 | 418118 | 35.61% | 4.559%  |
| 75  | 12.768 | 1780 | 1782 | 1785 | rVB  | 2035   | 1826   | 0.16%  | 0.020%  |
| 76  | 12.792 | 1785 | 1786 | 1789 | rVB  | 2431   | 2055   | 0.18%  | 0.022%  |
| 77  | 12.817 | 1789 | 1790 | 1791 | rBV  | 2144   | 1377   | 0.12%  | 0.015%  |
| 78  | 13.006 | 1819 | 1821 | 1822 | rBV  | 1796   | 1033   | 0.09%  | 0.011%  |
| 79  | 13.054 | 1826 | 1829 | 1831 | rVB3 | 1377   | 1611   | 0.14%  | 0.018%  |
| 80  | 13.079 | 1831 | 1833 | 1834 | rBV  | 2143   | 1427   | 0.12%  | 0.016%  |
| 81  | 13.201 | 1849 | 1853 | 1857 | rBV4 | 3326   | 5735   | 0.49%  | 0.063%  |
| 82  | 13.347 | 1875 | 1877 | 1878 | rVB  | 2228   | 1610   | 0.14%  | 0.018%  |
| 83  | 13.371 | 1878 | 1881 | 1882 | rBV2 | 2434   | 2566   | 0.22%  | 0.028%  |
| 84  | 13.390 | 1882 | 1884 | 1885 | rBV2 | 2297   | 2153   | 0.18%  | 0.023%  |
| 85  | 13.469 | 1892 | 1897 | 1902 | rBV4 | 12611  | 24452  | 2.08%  | 0.267%  |
| 86  | 13.560 | 1906 | 1912 | 1919 | rVV  | 617139 | 957572 | 81.56% | 10.441% |
| 87  | 13.701 | 1934 | 1935 | 1936 | rBV  | 1993   | 1076   | 0.09%  | 0.012%  |
| 88  | 13.853 | 1953 | 1960 | 1967 | rBV  | 474829 | 788871 | 67.19% | 8.601%  |
| 89  | 14.030 | 1985 | 1989 | 1991 | rBV3 | 3023   | 4743   | 0.40%  | 0.052%  |
| 90  | 14.079 | 1993 | 1997 | 2002 | rVB  | 10641  | 17417  | 1.48%  | 0.190%  |
| 91  | 14.267 | 2026 | 2028 | 2029 | rBV2 | 2570   | 1614   | 0.14%  | 0.018%  |
| 92  | 14.505 | 2065 | 2067 | 2068 | rBV  | 1692   | 1110   | 0.09%  | 0.012%  |
| 93  | 14.883 | 2127 | 2129 | 2130 | rBV2 | 1963   | 1411   | 0.12%  | 0.015%  |
| 94  | 14.926 | 2134 | 2136 | 2139 | rBV2 | 2229   | 2086   | 0.18%  | 0.023%  |
| 95  | 15.133 | 2168 | 2170 | 2172 | rBV  | 1729   | 1306   | 0.11%  | 0.014%  |
| 96  | 15.182 | 2176 | 2178 | 2179 | rBV  | 3148   | 1439   | 0.12%  | 0.016%  |
| 97  | 15.676 | 2256 | 2259 | 2261 | rBV2 | 2488   | 2610   | 0.22%  | 0.028%  |
| 98  | 16.212 | 2346 | 2347 | 2348 | rBV  | 2711   | 1148   | 0.10%  | 0.013%  |
| 99  | 16.523 | 2396 | 2398 | 2401 | rBV3 | 1834   | 2275   | 0.19%  | 0.025%  |
| 100 | 16.639 | 2416 | 2417 | 2419 | rBV  | 2174   | 1839   | 0.16%  | 0.020%  |

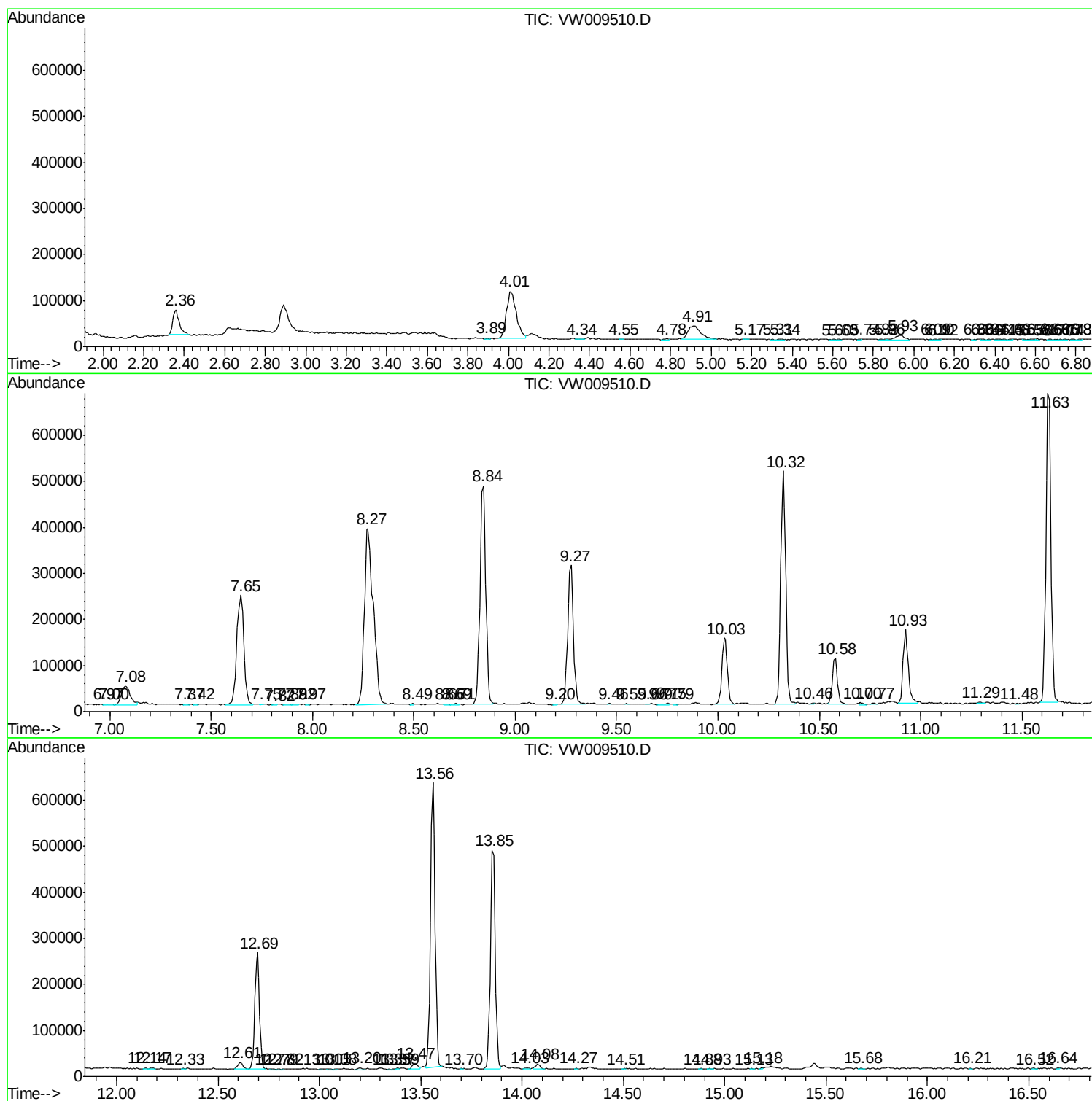
Sum of corrected areas: 9171622

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW032719\  
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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        |