

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040119\  
 Data File : VW009632.D  
 Acq On : 01 Apr 2019 19:16  
 Operator : SY/VA  
 Sample : K2119-01  
 Misc : 5.33G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF598

## 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      | 2.154    | 37         | 41       | 46        | rBV2  | 16911       | 34787      | 2.37%        | 0.328%     |
| 2      | 2.355    | 70         | 74       | 87        | rVB   | 64135       | 145692     | 9.93%        | 1.373%     |
| 3      | 4.013    | 336        | 346      | 360       | rBV2  | 119887      | 410977     | 28.01%       | 3.872%     |
| 4      | 4.239    | 381        | 383      | 384       | rVB2  | 938         | 458        | 0.03%        | 0.004%     |
| 5      | 4.403    | 402        | 410      | 417       | rVV4  | 3877        | 11775      | 0.80%        | 0.111%     |
| 6      | 4.470    | 420        | 421      | 423       | rBV2  | 948         | 873        | 0.06%        | 0.008%     |
| 7      | 4.550    | 431        | 434      | 436       | rBV3  | 644         | 632        | 0.04%        | 0.006%     |
| 8      | 4.580    | 437        | 439      | 441       | rVV   | 826         | 536        | 0.04%        | 0.005%     |
| 9      | 4.665    | 450        | 453      | 456       | rBV3  | 907         | 1316       | 0.09%        | 0.012%     |
| 10     | 4.781    | 471        | 472      | 474       | rBV   | 567         | 466        | 0.03%        | 0.004%     |
| 11     | 4.854    | 480        | 484      | 485       | rBV3  | 1354        | 1839       | 0.13%        | 0.017%     |
| 12     | 4.915    | 485        | 494      | 509       | rVV4  | 17201       | 69530      | 4.74%        | 0.655%     |
| 13     | 5.092    | 522        | 523      | 527       | rVB3  | 1329        | 1374       | 0.09%        | 0.013%     |
| 14     | 5.171    | 532        | 536      | 539       | rBV4  | 893         | 1458       | 0.10%        | 0.014%     |
| 15     | 5.257    | 546        | 550      | 552       | rBV3  | 544         | 662        | 0.05%        | 0.006%     |
| 16     | 5.281    | 552        | 554      | 558       | rBV3  | 1026        | 1323       | 0.09%        | 0.012%     |
| 17     | 5.440    | 577        | 580      | 582       | rBV2  | 1086        | 1158       | 0.08%        | 0.011%     |
| 18     | 5.464    | 582        | 584      | 586       | rVB3  | 998         | 881        | 0.06%        | 0.008%     |
| 19     | 5.556    | 595        | 599      | 600       | rBV2  | 886         | 1232       | 0.08%        | 0.012%     |
| 20     | 5.629    | 608        | 611      | 612       | rBV2  | 684         | 841        | 0.06%        | 0.008%     |
| 21     | 5.665    | 616        | 617      | 618       | rVV   | 1123        | 622        | 0.04%        | 0.006%     |
| 22     | 5.714    | 621        | 625      | 628       | rVB4  | 1272        | 1635       | 0.11%        | 0.015%     |
| 23     | 5.738    | 628        | 629      | 633       | rBV2  | 854         | 1245       | 0.08%        | 0.012%     |
| 24     | 5.769    | 633        | 634      | 636       | rVV   | 852         | 695        | 0.05%        | 0.007%     |
| 25     | 5.787    | 636        | 637      | 639       | rVV3  | 1095        | 810        | 0.06%        | 0.008%     |
| 26     | 5.836    | 643        | 645      | 647       | rVB2  | 1144        | 805        | 0.05%        | 0.008%     |
| 27     | 5.927    | 652        | 660      | 668       | rVV4  | 9222        | 27014      | 1.84%        | 0.254%     |
| 28     | 6.068    | 681        | 683      | 685       | rBV2  | 915         | 962        | 0.07%        | 0.009%     |
| 29     | 6.116    | 689        | 691      | 693       | rVB3  | 1388        | 993        | 0.07%        | 0.009%     |
| 30     | 6.141    | 693        | 695      | 697       | rBV2  | 762         | 692        | 0.05%        | 0.007%     |
| 31     | 6.226    | 706        | 709      | 712       | rVB5  | 802         | 1129       | 0.08%        | 0.011%     |
| 32     | 6.263    | 712        | 715      | 716       | rBV2  | 837         | 915        | 0.06%        | 0.009%     |
| 33     | 6.281    | 716        | 718      | 720       | rVV2  | 1230        | 1140       | 0.08%        | 0.011%     |
| 34     | 6.342    | 724        | 728      | 730       | rBV3  | 839         | 846        | 0.06%        | 0.008%     |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 6.494  | 749  | 753  | 756  | rVV3 | 795    | 1011    | 0.07%  | 0.010%  |
| 36 | 6.531  | 756  | 759  | 763  | rVB5 | 734    | 1049    | 0.07%  | 0.010%  |
| 37 | 6.604  | 768  | 771  | 773  | rBV3 | 1087   | 979     | 0.07%  | 0.009%  |
| 38 | 6.622  | 773  | 774  | 776  | rVB2 | 786    | 562     | 0.04%  | 0.005%  |
| 39 | 6.647  | 776  | 778  | 781  | rBV3 | 813    | 842     | 0.06%  | 0.008%  |
| 40 | 6.683  | 781  | 784  | 786  | rBV3 | 689    | 983     | 0.07%  | 0.009%  |
| 41 | 6.982  | 830  | 833  | 834  | rBV2 | 731    | 676     | 0.05%  | 0.006%  |
| 42 | 7.074  | 840  | 848  | 857  | rBV  | 46078  | 134113  | 9.14%  | 1.263%  |
| 43 | 7.409  | 900  | 903  | 905  | rVB2 | 707    | 776     | 0.05%  | 0.007%  |
| 44 | 7.458  | 908  | 911  | 914  | rBV3 | 1365   | 1647    | 0.11%  | 0.016%  |
| 45 | 7.531  | 914  | 923  | 929  | rBV5 | 5493   | 12780   | 0.87%  | 0.120%  |
| 46 | 7.641  | 933  | 941  | 954  | rVB  | 228312 | 581067  | 39.61% | 5.474%  |
| 47 | 7.805  | 967  | 968  | 972  | rVB3 | 745    | 816     | 0.06%  | 0.008%  |
| 48 | 7.878  | 976  | 980  | 983  | rBV4 | 696    | 1334    | 0.09%  | 0.013%  |
| 49 | 7.909  | 983  | 985  | 987  | rVB3 | 829    | 613     | 0.04%  | 0.006%  |
| 50 | 7.945  | 987  | 991  | 992  | rBV4 | 1394   | 2014    | 0.14%  | 0.019%  |
| 51 | 8.140  | 1020 | 1023 | 1025 | rBV3 | 767    | 1066    | 0.07%  | 0.010%  |
| 52 | 8.275  | 1034 | 1045 | 1063 | rBV2 | 402552 | 1250462 | 85.24% | 11.780% |
| 53 | 8.506  | 1081 | 1083 | 1086 | rVB2 | 890    | 759     | 0.05%  | 0.007%  |
| 54 | 8.622  | 1099 | 1102 | 1103 | rBV3 | 913    | 974     | 0.07%  | 0.009%  |
| 55 | 8.683  | 1107 | 1112 | 1113 | rBV4 | 1483   | 2163    | 0.15%  | 0.020%  |
| 56 | 8.842  | 1129 | 1138 | 1150 | rBV  | 591404 | 1164988 | 79.41% | 10.975% |
| 57 | 8.988  | 1159 | 1162 | 1165 | rBV4 | 1345   | 1301    | 0.09%  | 0.012%  |
| 58 | 9.274  | 1200 | 1209 | 1220 | rBV  | 303469 | 622683  | 42.45% | 5.866%  |
| 59 | 9.451  | 1236 | 1238 | 1239 | rBV2 | 812    | 677     | 0.05%  | 0.006%  |
| 60 | 9.719  | 1281 | 1282 | 1283 | rBV  | 854    | 541     | 0.04%  | 0.005%  |
| 61 | 9.750  | 1283 | 1287 | 1294 | rVV6 | 3060   | 6957    | 0.47%  | 0.066%  |
| 62 | 9.835  | 1299 | 1301 | 1304 | rVV3 | 823    | 1130    | 0.08%  | 0.011%  |
| 63 | 9.890  | 1304 | 1310 | 1318 | rVB4 | 6880   | 15961   | 1.09%  | 0.150%  |
| 64 | 10.030 | 1325 | 1333 | 1342 | rBV  | 158528 | 285419  | 19.46% | 2.689%  |
| 65 | 10.207 | 1360 | 1362 | 1364 | rBV3 | 1455   | 1550    | 0.11%  | 0.015%  |
| 66 | 10.323 | 1373 | 1381 | 1389 | rBV  | 524011 | 928571  | 63.30% | 8.748%  |
| 67 | 10.573 | 1416 | 1422 | 1430 | rBV  | 111934 | 189669  | 12.93% | 1.787%  |
| 68 | 10.707 | 1436 | 1444 | 1450 | rBV4 | 4528   | 10913   | 0.74%  | 0.103%  |
| 69 | 10.859 | 1465 | 1469 | 1473 | rVB7 | 5069   | 8179    | 0.56%  | 0.077%  |
| 70 | 10.927 | 1474 | 1480 | 1492 | rVB2 | 174851 | 319076  | 21.75% | 3.006%  |
| 71 | 11.116 | 1509 | 1511 | 1512 | rBV  | 1408   | 831     | 0.06%  | 0.008%  |

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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  | 11.518 | 1575 | 1577 | 1579 | rBV3 | 1711   | 1839    | 0.13%   | 0.017%  |
| 73  | 11.634 | 1588 | 1596 | 1611 | rVB  | 859710 | 1467002 | 100.00% | 13.820% |
| 74  | 12.030 | 1659 | 1661 | 1665 | rBV2 | 1124   | 1501    | 0.10%   | 0.014%  |
| 75  | 12.274 | 1699 | 1701 | 1704 | rBV3 | 1110   | 924     | 0.06%   | 0.009%  |
| 76  | 12.408 | 1720 | 1723 | 1726 | rBV4 | 876    | 1506    | 0.10%   | 0.014%  |
| 77  | 12.560 | 1746 | 1748 | 1749 | rBV  | 724    | 560     | 0.04%   | 0.005%  |
| 78  | 12.603 | 1749 | 1755 | 1762 | rVV4 | 9429   | 21881   | 1.49%   | 0.206%  |
| 79  | 12.695 | 1762 | 1770 | 1778 | rBV  | 284409 | 472095  | 32.18%  | 4.448%  |
| 80  | 12.841 | 1791 | 1794 | 1795 | rBV2 | 1034   | 944     | 0.06%   | 0.009%  |
| 81  | 12.938 | 1807 | 1810 | 1812 | rBV3 | 1533   | 1976    | 0.13%   | 0.019%  |
| 82  | 13.164 | 1845 | 1847 | 1848 | rBV2 | 1415   | 1477    | 0.10%   | 0.014%  |
| 83  | 13.194 | 1849 | 1852 | 1858 | rVB2 | 8390   | 12736   | 0.87%   | 0.120%  |
| 84  | 13.414 | 1879 | 1888 | 1893 | rBV5 | 13423  | 25578   | 1.74%   | 0.241%  |
| 85  | 13.560 | 1905 | 1912 | 1918 | rBV  | 853500 | 1338013 | 91.21%  | 12.605% |
| 86  | 13.768 | 1943 | 1946 | 1951 | rVB4 | 6982   | 10496   | 0.72%   | 0.099%  |
| 87  | 13.853 | 1953 | 1960 | 1967 | rBV  | 535358 | 898415  | 61.24%  | 8.464%  |
| 88  | 14.072 | 1992 | 1996 | 2001 | rBV  | 6369   | 9558    | 0.65%   | 0.090%  |
| 89  | 14.328 | 2034 | 2038 | 2043 | rBV8 | 6730   | 11284   | 0.77%   | 0.106%  |
| 90  | 14.456 | 2058 | 2059 | 2061 | rBV2 | 1025   | 663     | 0.05%   | 0.006%  |
| 91  | 14.676 | 2091 | 2095 | 2097 | rBV4 | 1091   | 2012    | 0.14%   | 0.019%  |
| 92  | 14.755 | 2106 | 2108 | 2111 | rVB3 | 1192   | 1011    | 0.07%   | 0.010%  |
| 93  | 14.786 | 2111 | 2113 | 2115 | rVB2 | 727    | 544     | 0.04%   | 0.005%  |
| 94  | 14.975 | 2142 | 2144 | 2145 | rVB2 | 1072   | 634     | 0.04%   | 0.006%  |
| 95  | 14.999 | 2145 | 2148 | 2149 | rBV3 | 1059   | 760     | 0.05%   | 0.007%  |
| 96  | 15.017 | 2149 | 2151 | 2153 | rBV3 | 836    | 871     | 0.06%   | 0.008%  |
| 97  | 15.444 | 2213 | 2221 | 2226 | rBV2 | 19061  | 34808   | 2.37%   | 0.328%  |
| 98  | 15.505 | 2226 | 2231 | 2236 | rVB  | 5968   | 10523   | 0.72%   | 0.099%  |
| 99  | 15.761 | 2271 | 2273 | 2275 | rBV3 | 1020   | 968     | 0.07%   | 0.009%  |
| 100 | 16.773 | 2437 | 2439 | 2441 | rBV3 | 1713   | 1726    | 0.12%   | 0.016%  |

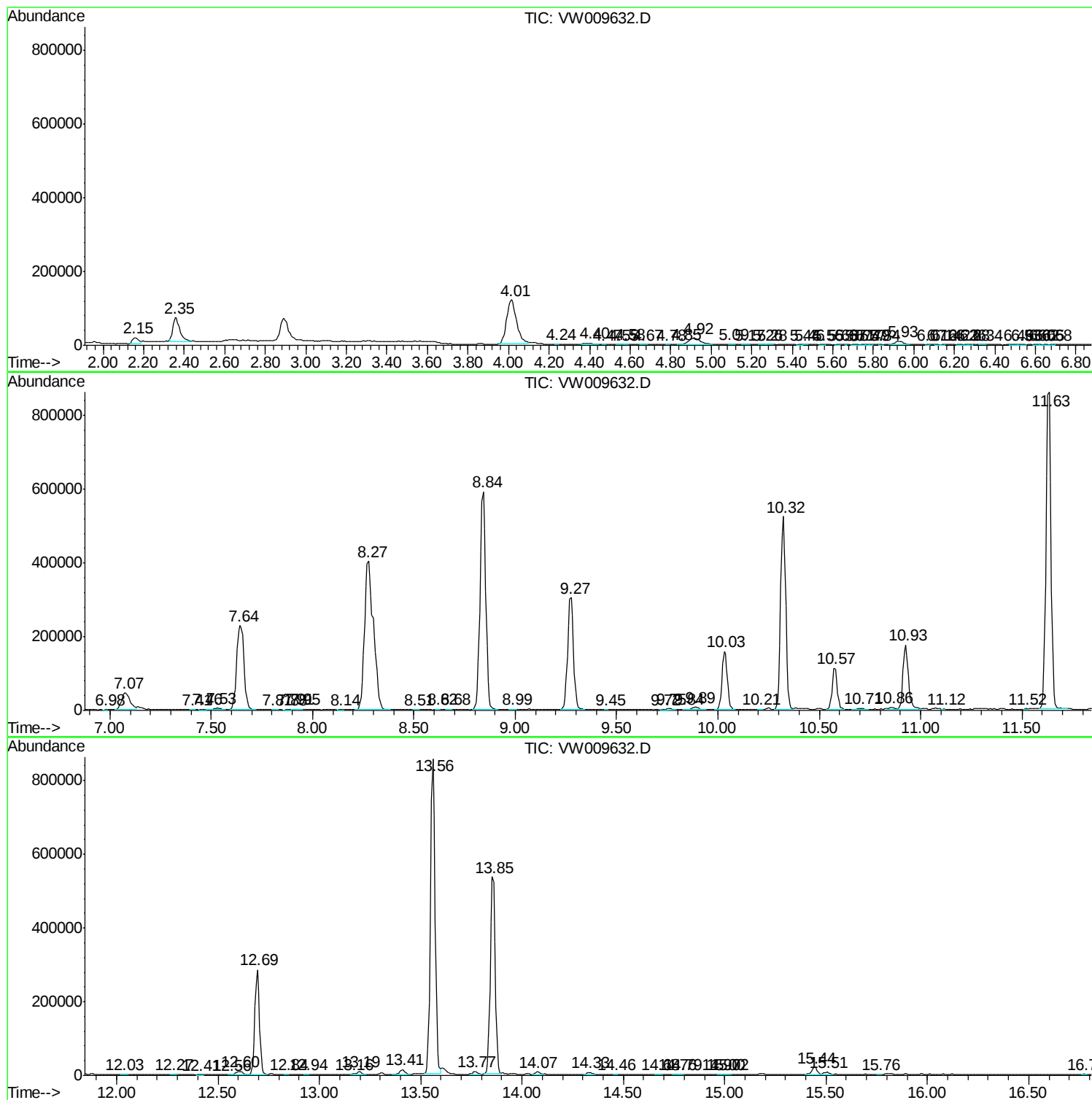
Sum of corrected areas: 10614750

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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\VW040119\  
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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        |