

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032719\  
 Data File : VW009517.D  
 Acq On : 27 Mar 2019 23:38  
 Operator : SY/VA  
 Sample : K2068-11  
 Misc : 5.74G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF5K7

## 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<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         | 2.355       | 70            | 74          | 84           | rVB2     | 57322          | 119933        | 9.39%           | 1.298%        |
| 2         | 4.007       | 337           | 345         | 358          | rBV2     | 99663          | 332446        | 26.03%          | 3.598%        |
| 3         | 4.245       | 382           | 384         | 385          | rBV2     | 1827           | 913           | 0.07%           | 0.010%        |
| 4         | 4.909       | 483           | 493         | 508          | rBV3     | 28461          | 111496        | 8.73%           | 1.207%        |
| 5         | 5.074       | 518           | 520         | 521          | rBV      | 1725           | 1373          | 0.11%           | 0.015%        |
| 6         | 5.367       | 567           | 568         | 569          | rBV      | 1378           | 875           | 0.07%           | 0.009%        |
| 7         | 5.428       | 576           | 578         | 580          | rVB      | 2261           | 1759          | 0.14%           | 0.019%        |
| 8         | 5.446       | 580           | 581         | 585          | rBV      | 2932           | 1822          | 0.14%           | 0.020%        |
| 9         | 5.476       | 585           | 586         | 590          | rVV2     | 1311           | 1480          | 0.12%           | 0.016%        |
| 10        | 5.507       | 590           | 591         | 593          | rVB      | 1183           | 799           | 0.06%           | 0.009%        |
| 11        | 5.531       | 593           | 595         | 596          | rBV      | 1408           | 900           | 0.07%           | 0.010%        |
| 12        | 5.568       | 599           | 601         | 606          | rVV2     | 990            | 1713          | 0.13%           | 0.019%        |
| 13        | 5.629       | 609           | 611         | 612          | rBV      | 1769           | 1061          | 0.08%           | 0.011%        |
| 14        | 5.647       | 612           | 614         | 616          | rVV2     | 1014           | 1095          | 0.09%           | 0.012%        |
| 15        | 5.678       | 617           | 619         | 622          | rVB      | 2143           | 1774          | 0.14%           | 0.019%        |
| 16        | 5.720       | 624           | 626         | 627          | rBV      | 1187           | 839           | 0.07%           | 0.009%        |
| 17        | 5.787       | 635           | 637         | 639          | rVB2     | 2410           | 1644          | 0.13%           | 0.018%        |
| 18        | 5.934       | 651           | 661         | 669          | rBV6     | 11655          | 39576         | 3.10%           | 0.428%        |
| 19        | 6.037       | 676           | 678         | 679          | rBV      | 1925           | 1188          | 0.09%           | 0.013%        |
| 20        | 6.110       | 688           | 690         | 694          | rVB      | 2262           | 2233          | 0.17%           | 0.024%        |
| 21        | 6.226       | 708           | 709         | 711          | rBV      | 2206           | 1344          | 0.11%           | 0.015%        |
| 22        | 6.379       | 733           | 734         | 735          | rBV      | 1754           | 982           | 0.08%           | 0.011%        |
| 23        | 6.434       | 741           | 743         | 744          | rVB      | 1363           | 815           | 0.06%           | 0.009%        |
| 24        | 6.452       | 744           | 746         | 750          | rVB2     | 1316           | 1789          | 0.14%           | 0.019%        |
| 25        | 6.482       | 750           | 751         | 753          | rBV      | 1048           | 830           | 0.06%           | 0.009%        |
| 26        | 6.513       | 755           | 756         | 758          | rVB      | 1712           | 997           | 0.08%           | 0.011%        |
| 27        | 6.556       | 762           | 763         | 767          | rVB3     | 1618           | 1543          | 0.12%           | 0.017%        |
| 28        | 6.598       | 767           | 770         | 771          | rBV2     | 881            | 778           | 0.06%           | 0.008%        |
| 29        | 6.647       | 776           | 778         | 782          | rVB3     | 1433           | 1956          | 0.15%           | 0.021%        |
| 30        | 6.684       | 782           | 784         | 786          | rVB      | 1717           | 1573          | 0.12%           | 0.017%        |
| 31        | 6.714       | 786           | 789         | 790          | rBV2     | 1507           | 1723          | 0.13%           | 0.019%        |
| 32        | 6.769       | 796           | 798         | 799          | rVB      | 1377           | 737           | 0.06%           | 0.008%        |
| 33        | 6.787       | 799           | 801         | 802          | rBV      | 1720           | 799           | 0.06%           | 0.009%        |
| 34        | 6.946       | 825           | 827         | 830          | rBV      | 1948           | 1890          | 0.15%           | 0.020%        |

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Integrator: RTE  
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 Stop Thrs : 0

Filtering: 5  
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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 | 7.074  | 840  | 848  | 858  | rBV  | 48632  | 145084  | 11.36%  | 1.570%  |
| 36 | 7.281  | 880  | 882  | 883  | rVB  | 1990   | 1055    | 0.08%   | 0.011%  |
| 37 | 7.293  | 883  | 884  | 886  | rBV  | 2093   | 1655    | 0.13%   | 0.018%  |
| 38 | 7.324  | 887  | 889  | 893  | rVV  | 1641   | 1594    | 0.12%   | 0.017%  |
| 39 | 7.372  | 896  | 897  | 899  | rVB  | 2145   | 1278    | 0.10%   | 0.014%  |
| 40 | 7.397  | 899  | 901  | 904  | rBV  | 2011   | 2983    | 0.23%   | 0.032%  |
| 41 | 7.427  | 904  | 906  | 909  | rBV4 | 1260   | 1695    | 0.13%   | 0.018%  |
| 42 | 7.476  | 913  | 914  | 917  | rVB2 | 1708   | 1506    | 0.12%   | 0.016%  |
| 43 | 7.507  | 917  | 919  | 920  | rBV  | 1976   | 1635    | 0.13%   | 0.018%  |
| 44 | 7.641  | 932  | 941  | 951  | rVV  | 262994 | 634677  | 49.69%  | 6.868%  |
| 45 | 7.769  | 961  | 962  | 963  | rBV  | 1556   | 736     | 0.06%   | 0.008%  |
| 46 | 7.848  | 974  | 975  | 977  | rVB2 | 1517   | 858     | 0.07%   | 0.009%  |
| 47 | 7.982  | 996  | 997  | 998  | rBV  | 1390   | 719     | 0.06%   | 0.008%  |
| 48 | 8.000  | 998  | 1000 | 1002 | rVV2 | 1501   | 1165    | 0.09%   | 0.013%  |
| 49 | 8.025  | 1002 | 1004 | 1005 | rVV  | 1951   | 1239    | 0.10%   | 0.013%  |
| 50 | 8.061  | 1008 | 1010 | 1011 | rBV2 | 1106   | 791     | 0.06%   | 0.009%  |
| 51 | 8.122  | 1016 | 1020 | 1024 | rBV3 | 1375   | 2460    | 0.19%   | 0.027%  |
| 52 | 8.159  | 1024 | 1026 | 1027 | rBV2 | 1168   | 762     | 0.06%   | 0.008%  |
| 53 | 8.275  | 1035 | 1045 | 1059 | rBV2 | 400249 | 1277281 | 100.00% | 13.822% |
| 54 | 8.439  | 1070 | 1072 | 1075 | rBV3 | 1403   | 1206    | 0.09%   | 0.013%  |
| 55 | 8.543  | 1088 | 1089 | 1091 | rBV  | 1836   | 1496    | 0.12%   | 0.016%  |
| 56 | 8.598  | 1097 | 1098 | 1100 | rBV  | 785    | 743     | 0.06%   | 0.008%  |
| 57 | 8.842  | 1129 | 1138 | 1146 | rBV  | 459888 | 902046  | 70.62%  | 9.762%  |
| 58 | 9.006  | 1163 | 1165 | 1168 | rBV2 | 1436   | 1875    | 0.15%   | 0.020%  |
| 59 | 9.073  | 1172 | 1176 | 1181 | rVB4 | 4225   | 8513    | 0.67%   | 0.092%  |
| 60 | 9.189  | 1192 | 1195 | 1196 | rVB  | 1760   | 1523    | 0.12%   | 0.016%  |
| 61 | 9.214  | 1196 | 1199 | 1200 | rBV2 | 1875   | 1893    | 0.15%   | 0.020%  |
| 62 | 9.275  | 1200 | 1209 | 1218 | rVV  | 318753 | 657063  | 51.44%  | 7.110%  |
| 63 | 9.524  | 1248 | 1250 | 1251 | rBV2 | 1721   | 1419    | 0.11%   | 0.015%  |
| 64 | 9.592  | 1259 | 1261 | 1262 | rBV  | 1387   | 1144    | 0.09%   | 0.012%  |
| 65 | 9.628  | 1265 | 1267 | 1268 | rBV  | 1386   | 1183    | 0.09%   | 0.013%  |
| 66 | 9.750  | 1284 | 1287 | 1289 | rBV2 | 1609   | 2262    | 0.18%   | 0.024%  |
| 67 | 9.884  | 1305 | 1309 | 1316 | rVV3 | 5296   | 12090   | 0.95%   | 0.131%  |
| 68 | 10.031 | 1327 | 1333 | 1340 | rBV  | 142346 | 258566  | 20.24%  | 2.798%  |
| 69 | 10.122 | 1347 | 1348 | 1353 | rVB2 | 3084   | 2973    | 0.23%   | 0.032%  |
| 70 | 10.323 | 1373 | 1381 | 1388 | rBV  | 515581 | 904338  | 70.80%  | 9.786%  |
| 71 | 10.384 | 1388 | 1391 | 1398 | rVB2 | 31461  | 52317   | 4.10%   | 0.566%  |

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Instrument :  
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## 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

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 10.573 | 1417 | 1422 | 1431 | rVB  | 101122 | 172773  | 13.53% | 1.870%  |
| 73  | 10.707 | 1437 | 1444 | 1449 | rBV4 | 4087   | 8810    | 0.69%  | 0.095%  |
| 74  | 10.927 | 1473 | 1480 | 1489 | rBV2 | 196686 | 358275  | 28.05% | 3.877%  |
| 75  | 11.116 | 1509 | 1511 | 1514 | rBV3 | 2038   | 2592    | 0.20%  | 0.028%  |
| 76  | 11.518 | 1575 | 1577 | 1578 | rBV2 | 2279   | 1735    | 0.14%  | 0.019%  |
| 77  | 11.628 | 1589 | 1595 | 1604 | rBV  | 619562 | 1056889 | 82.75% | 11.437% |
| 78  | 12.365 | 1714 | 1716 | 1719 | rVB  | 1875   | 1214    | 0.10%  | 0.013%  |
| 79  | 12.457 | 1728 | 1731 | 1734 | rBV2 | 1735   | 2448    | 0.19%  | 0.026%  |
| 80  | 12.609 | 1751 | 1756 | 1763 | rVB3 | 13855  | 22640   | 1.77%  | 0.245%  |
| 81  | 12.695 | 1763 | 1770 | 1778 | rVB  | 296009 | 483718  | 37.87% | 5.235%  |
| 82  | 12.756 | 1778 | 1780 | 1781 | rBV  | 1489   | 1498    | 0.12%  | 0.016%  |
| 83  | 12.981 | 1814 | 1817 | 1819 | rBV4 | 1090   | 1368    | 0.11%  | 0.015%  |
| 84  | 13.079 | 1832 | 1833 | 1835 | rBV  | 1460   | 959     | 0.08%  | 0.010%  |
| 85  | 13.097 | 1835 | 1836 | 1838 | rVV2 | 1608   | 1289    | 0.10%  | 0.014%  |
| 86  | 13.115 | 1838 | 1839 | 1842 | rVB2 | 1982   | 1266    | 0.10%  | 0.014%  |
| 87  | 13.140 | 1842 | 1843 | 1845 | rBV  | 1732   | 1106    | 0.09%  | 0.012%  |
| 88  | 13.359 | 1877 | 1879 | 1880 | rVV  | 1093   | 724     | 0.06%  | 0.008%  |
| 89  | 13.560 | 1906 | 1912 | 1919 | rBV  | 513841 | 794246  | 62.18% | 8.595%  |
| 90  | 13.853 | 1954 | 1960 | 1967 | rBV  | 451920 | 740398  | 57.97% | 8.012%  |
| 91  | 14.079 | 1993 | 1997 | 2000 | rVB3 | 8502   | 11621   | 0.91%  | 0.126%  |
| 92  | 14.286 | 2029 | 2031 | 2032 | rBV  | 1687   | 1181    | 0.09%  | 0.013%  |
| 93  | 14.329 | 2033 | 2038 | 2043 | rVV4 | 7166   | 13587   | 1.06%  | 0.147%  |
| 94  | 14.877 | 2126 | 2128 | 2130 | rBV  | 1770   | 1336    | 0.10%  | 0.014%  |
| 95  | 15.444 | 2217 | 2221 | 2226 | rVB2 | 11314  | 17027   | 1.33%  | 0.184%  |
| 96  | 16.304 | 2361 | 2362 | 2365 | rBV  | 1442   | 1520    | 0.12%  | 0.016%  |
| 97  | 16.456 | 2385 | 2387 | 2388 | rBV  | 1850   | 895     | 0.07%  | 0.010%  |
| 98  | 16.584 | 2407 | 2408 | 2410 | rBV2 | 1823   | 1174    | 0.09%  | 0.013%  |
| 99  | 16.670 | 2420 | 2422 | 2423 | rBV2 | 1672   | 1085    | 0.08%  | 0.012%  |
| 100 | 16.737 | 2430 | 2433 | 2434 | rBV2 | 2408   | 2944    | 0.23%  | 0.032%  |

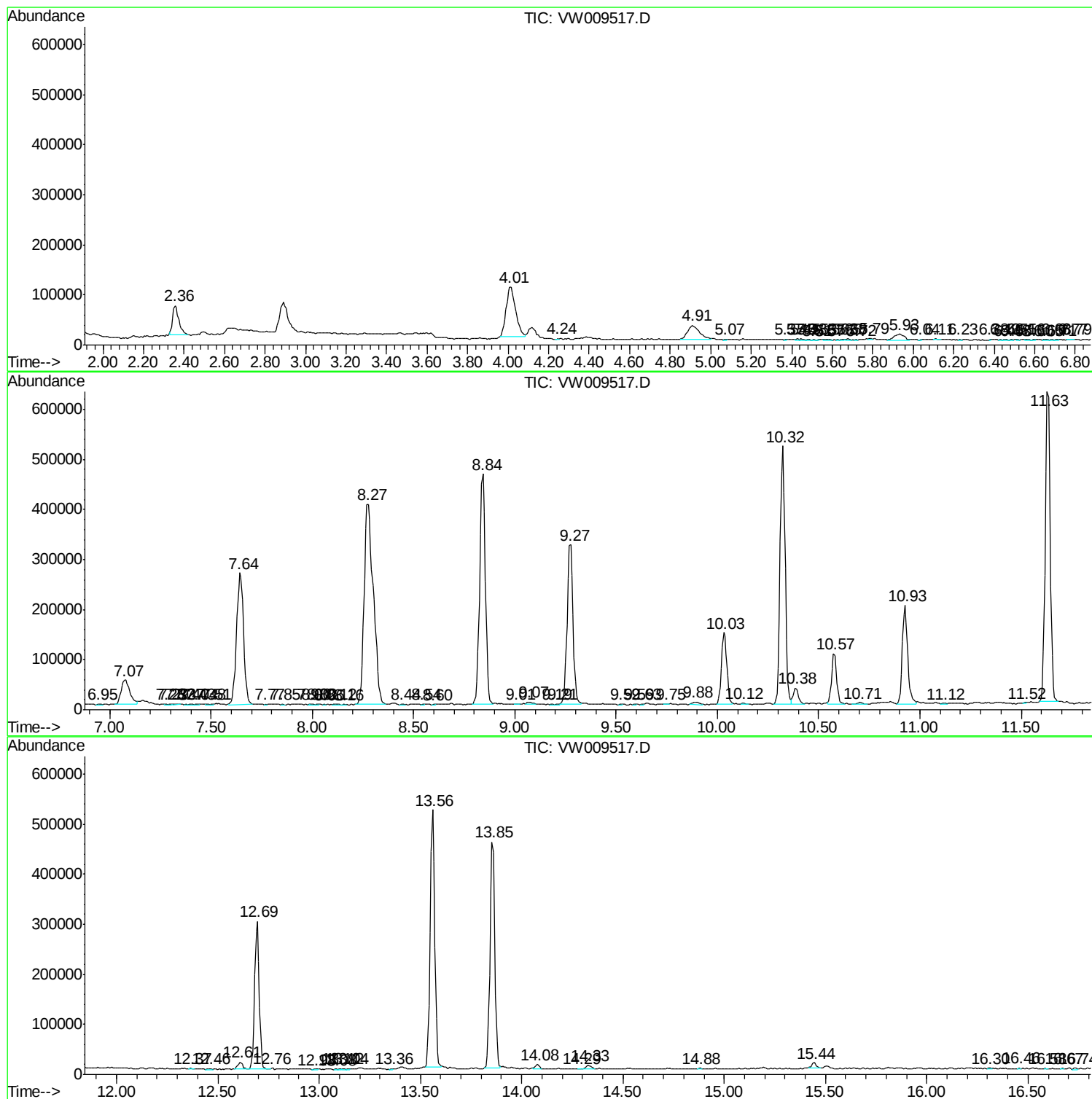
Sum of corrected areas: 9240816

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

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