

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW031819\  
 Data File : VW009225.D  
 Acq On : 18 Mar 2019 12:57  
 Operator : SY/VA  
 Sample : K1949-01  
 Misc : 5.56G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF0Y6

## 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    | 70         | 75       | 87        | rVB   | 89146       | 213103     | 13.02%       | 1.635%     |
| 2      | 2.891    | 158        | 162      | 177       | rVB   | 87764       | 225879     | 13.80%       | 1.733%     |
| 3      | 3.848    | 316        | 319      | 320       | rBV2  | 3373        | 3401       | 0.21%        | 0.026%     |
| 4      | 4.013    | 337        | 346      | 361       | rBV   | 174657      | 579686     | 35.41%       | 4.448%     |
| 5      | 4.318    | 394        | 396      | 400       | rBV2  | 2293        | 2447       | 0.15%        | 0.019%     |
| 6      | 4.543    | 429        | 433      | 435       | rVB   | 2584        | 3127       | 0.19%        | 0.024%     |
| 7      | 4.793    | 470        | 474      | 477       | rBV   | 1828        | 2601       | 0.16%        | 0.020%     |
| 8      | 5.403    | 572        | 574      | 575       | rBV   | 2445        | 2174       | 0.13%        | 0.017%     |
| 9      | 5.507    | 588        | 591      | 593       | rBV   | 1870        | 2682       | 0.16%        | 0.021%     |
| 10     | 6.007    | 672        | 673      | 676       | rBV   | 2300        | 1885       | 0.12%        | 0.014%     |
| 11     | 6.098    | 687        | 688      | 692       | rVB3  | 2149        | 1793       | 0.11%        | 0.014%     |
| 12     | 6.263    | 713        | 715      | 718       | rBV   | 2296        | 2333       | 0.14%        | 0.018%     |
| 13     | 6.458    | 745        | 747      | 749       | rVB   | 2123        | 1636       | 0.10%        | 0.013%     |
| 14     | 6.580    | 766        | 767      | 771       | rVB   | 2242        | 1777       | 0.11%        | 0.014%     |
| 15     | 6.854    | 810        | 812      | 813       | rBV   | 2110        | 1473       | 0.09%        | 0.011%     |
| 16     | 6.976    | 830        | 832      | 835       | rBV   | 2511        | 3308       | 0.20%        | 0.025%     |
| 17     | 7.080    | 840        | 849      | 854       | rVV   | 53964       | 150896     | 9.22%        | 1.158%     |
| 18     | 7.159    | 856        | 862      | 874       | rVB3  | 202617      | 553071     | 33.79%       | 4.244%     |
| 19     | 7.500    | 916        | 918      | 921       | rBV   | 2173        | 1913       | 0.12%        | 0.015%     |
| 20     | 7.573    | 929        | 930      | 931       | rVB   | 3827        | 1401       | 0.09%        | 0.011%     |
| 21     | 7.640    | 931        | 941      | 953       | rBV   | 301279      | 715965     | 43.74%       | 5.494%     |
| 22     | 7.726    | 953        | 955      | 956       | rVV2  | 1843        | 1058       | 0.06%        | 0.008%     |
| 23     | 7.768    | 960        | 962      | 965       | rVB3  | 1662        | 1507       | 0.09%        | 0.012%     |
| 24     | 7.793    | 965        | 966      | 969       | rVB   | 2371        | 1478       | 0.09%        | 0.011%     |
| 25     | 7.817    | 969        | 970      | 972       | rBV2  | 2000        | 1384       | 0.08%        | 0.011%     |
| 26     | 7.903    | 982        | 984      | 987       | rVB2  | 1854        | 1556       | 0.10%        | 0.012%     |
| 27     | 7.945    | 989        | 991      | 992       | rVB   | 2270        | 1276       | 0.08%        | 0.010%     |
| 28     | 8.012    | 1001       | 1002     | 1004      | rBV   | 1944        | 1183       | 0.07%        | 0.009%     |
| 29     | 8.061    | 1009       | 1010     | 1013      | rVB   | 1494        | 1063       | 0.06%        | 0.008%     |
| 30     | 8.092    | 1013       | 1015     | 1017      | rBV2  | 1618        | 1505       | 0.09%        | 0.012%     |
| 31     | 8.274    | 1035       | 1045     | 1063      | rVB2  | 533041      | 1636925    | 100.00%      | 12.561%    |
| 32     | 8.555    | 1088       | 1091     | 1095      | rBV2  | 1215        | 2080       | 0.13%        | 0.016%     |
| 33     | 8.610    | 1098       | 1100     | 1101      | rBV2  | 1390        | 1065       | 0.07%        | 0.008%     |
| 34     | 8.683    | 1110       | 1112     | 1113      | rBV   | 2085        | 1713       | 0.10%        | 0.013%     |

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

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 8.841  | 1127 | 1138 | 1149 | rBV  | 542105 | 1074903 | 65.67% | 8.248%  |
| 36 | 9.030  | 1168 | 1169 | 1171 | rBV  | 2252   | 1755    | 0.11%  | 0.013%  |
| 37 | 9.085  | 1173 | 1178 | 1187 | rVB3 | 30161  | 60709   | 3.71%  | 0.466%  |
| 38 | 9.195  | 1194 | 1196 | 1198 | rBV  | 1483   | 1341    | 0.08%  | 0.010%  |
| 39 | 9.274  | 1200 | 1209 | 1218 | rBV  | 371864 | 761611  | 46.53% | 5.844%  |
| 40 | 9.610  | 1262 | 1264 | 1267 | rVB2 | 1334   | 1233    | 0.08%  | 0.009%  |
| 41 | 9.640  | 1267 | 1269 | 1271 | rBV3 | 1756   | 1870    | 0.11%  | 0.014%  |
| 42 | 9.683  | 1274 | 1276 | 1277 | rBV  | 1699   | 1067    | 0.07%  | 0.008%  |
| 43 | 9.872  | 1304 | 1307 | 1308 | rBV  | 2894   | 3030    | 0.19%  | 0.023%  |
| 44 | 9.933  | 1315 | 1317 | 1319 | rVB  | 3106   | 1694    | 0.10%  | 0.013%  |
| 45 | 9.951  | 1319 | 1320 | 1322 | rBV  | 2421   | 1611    | 0.10%  | 0.012%  |
| 46 | 9.975  | 1322 | 1324 | 1325 | rBV  | 2189   | 1430    | 0.09%  | 0.011%  |
| 47 | 10.030 | 1327 | 1333 | 1341 | rVV  | 204080 | 366865  | 22.41% | 2.815%  |
| 48 | 10.122 | 1347 | 1348 | 1349 | rBV  | 2538   | 1103    | 0.07%  | 0.008%  |
| 49 | 10.323 | 1373 | 1381 | 1388 | rBV  | 747361 | 1302765 | 79.59% | 9.996%  |
| 50 | 10.463 | 1402 | 1404 | 1406 | rVB  | 2516   | 1610    | 0.10%  | 0.012%  |
| 51 | 10.481 | 1406 | 1407 | 1410 | rBV2 | 1583   | 1222    | 0.07%  | 0.009%  |
| 52 | 10.579 | 1416 | 1423 | 1431 | rBV  | 142573 | 249938  | 15.27% | 1.918%  |
| 53 | 10.695 | 1438 | 1442 | 1444 | rBV3 | 8868   | 12534   | 0.77%  | 0.096%  |
| 54 | 10.768 | 1452 | 1454 | 1456 | rBV  | 1727   | 1661    | 0.10%  | 0.013%  |
| 55 | 10.792 | 1456 | 1458 | 1459 | rVV  | 1882   | 1243    | 0.08%  | 0.010%  |
| 56 | 10.859 | 1462 | 1469 | 1475 | rBV  | 166570 | 293260  | 17.92% | 2.250%  |
| 57 | 10.926 | 1475 | 1480 | 1491 | rVV  | 216391 | 367528  | 22.45% | 2.820%  |
| 58 | 11.006 | 1491 | 1493 | 1496 | rVV  | 2801   | 3323    | 0.20%  | 0.025%  |
| 59 | 11.067 | 1498 | 1503 | 1510 | rVV5 | 17343  | 31337   | 1.91%  | 0.240%  |
| 60 | 11.146 | 1514 | 1516 | 1518 | rBV2 | 1357   | 1372    | 0.08%  | 0.011%  |
| 61 | 11.292 | 1539 | 1540 | 1542 | rVB  | 1797   | 1041    | 0.06%  | 0.008%  |
| 62 | 11.341 | 1546 | 1548 | 1549 | rBV  | 1494   | 1089    | 0.07%  | 0.008%  |
| 63 | 11.493 | 1572 | 1573 | 1575 | rVB  | 2280   | 1264    | 0.08%  | 0.010%  |
| 64 | 11.512 | 1575 | 1576 | 1579 | rVB2 | 2379   | 1524    | 0.09%  | 0.012%  |
| 65 | 11.548 | 1579 | 1582 | 1584 | rVB  | 2567   | 1698    | 0.10%  | 0.013%  |
| 66 | 11.628 | 1588 | 1595 | 1605 | rBV  | 749400 | 1303655 | 79.64% | 10.003% |
| 67 | 12.024 | 1658 | 1660 | 1662 | rBV3 | 1148   | 1125    | 0.07%  | 0.009%  |
| 68 | 12.097 | 1670 | 1672 | 1675 | rVB  | 2027   | 1761    | 0.11%  | 0.014%  |
| 69 | 12.158 | 1677 | 1682 | 1686 | rBV4 | 3298   | 7320    | 0.45%  | 0.056%  |
| 70 | 12.231 | 1691 | 1694 | 1695 | rBV  | 1953   | 2651    | 0.16%  | 0.020%  |
| 71 | 12.341 | 1709 | 1712 | 1716 | rBV2 | 3378   | 4601    | 0.28%  | 0.035%  |

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 Start Thrs: 0.2  
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Filtering: 5  
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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  | 12.377 | 1716 | 1718 | 1721 | rVV3 | 1602   | 1362    | 0.08%  | 0.010% |
| 73  | 12.451 | 1727 | 1730 | 1731 | rVV2 | 2482   | 2451    | 0.15%  | 0.019% |
| 74  | 12.469 | 1731 | 1733 | 1737 | rVV3 | 4863   | 6857    | 0.42%  | 0.053% |
| 75  | 12.518 | 1740 | 1741 | 1743 | rBV  | 1618   | 1543    | 0.09%  | 0.012% |
| 76  | 12.560 | 1746 | 1748 | 1749 | rBV2 | 1344   | 1056    | 0.06%  | 0.008% |
| 77  | 12.609 | 1752 | 1756 | 1763 | rVB2 | 18796  | 29972   | 1.83%  | 0.230% |
| 78  | 12.694 | 1763 | 1770 | 1777 | rBV  | 302833 | 519171  | 31.72% | 3.984% |
| 79  | 12.859 | 1795 | 1797 | 1798 | rBV  | 2075   | 1029    | 0.06%  | 0.008% |
| 80  | 13.194 | 1848 | 1852 | 1855 | rBV3 | 1515   | 2708    | 0.17%  | 0.021% |
| 81  | 13.389 | 1882 | 1884 | 1885 | rBV2 | 1950   | 1306    | 0.08%  | 0.010% |
| 82  | 13.469 | 1894 | 1897 | 1903 | rBV6 | 10272  | 16288   | 1.00%  | 0.125% |
| 83  | 13.560 | 1905 | 1912 | 1920 | rVV  | 781602 | 1233243 | 75.34% | 9.463% |
| 84  | 13.652 | 1924 | 1927 | 1932 | rVB6 | 9238   | 14832   | 0.91%  | 0.114% |
| 85  | 13.853 | 1953 | 1960 | 1968 | rBV  | 685729 | 1140201 | 69.66% | 8.749% |
| 86  | 14.072 | 1992 | 1996 | 2003 | rVB2 | 10617  | 19369   | 1.18%  | 0.149% |
| 87  | 14.414 | 2050 | 2052 | 2057 | rBV  | 1864   | 2046    | 0.12%  | 0.016% |
| 88  | 14.615 | 2083 | 2085 | 2086 | rBV  | 2607   | 2346    | 0.14%  | 0.018% |
| 89  | 14.938 | 2134 | 2138 | 2141 | rBV2 | 2507   | 3519    | 0.21%  | 0.027% |
| 90  | 15.060 | 2154 | 2158 | 2160 | rBV2 | 2035   | 3541    | 0.22%  | 0.027% |
| 91  | 15.444 | 2219 | 2221 | 2225 | rVB3 | 4406   | 4750    | 0.29%  | 0.036% |
| 92  | 15.596 | 2242 | 2246 | 2249 | rBV  | 2098   | 3080    | 0.19%  | 0.024% |
| 93  | 15.694 | 2261 | 2262 | 2265 | rVB  | 1796   | 1121    | 0.07%  | 0.009% |
| 94  | 15.828 | 2281 | 2284 | 2285 | rBV2 | 3241   | 3181    | 0.19%  | 0.024% |
| 95  | 15.883 | 2291 | 2293 | 2296 | rVB2 | 2692   | 2508    | 0.15%  | 0.019% |
| 96  | 16.352 | 2366 | 2370 | 2373 | rBV2 | 2971   | 3578    | 0.22%  | 0.027% |
| 97  | 16.383 | 2373 | 2375 | 2377 | rBV  | 2899   | 2730    | 0.17%  | 0.021% |
| 98  | 16.578 | 2405 | 2407 | 2408 | rBV  | 2253   | 1819    | 0.11%  | 0.014% |
| 99  | 16.627 | 2414 | 2415 | 2418 | rBV2 | 2348   | 1782    | 0.11%  | 0.014% |
| 100 | 16.706 | 2423 | 2428 | 2429 | rBV  | 1999   | 2810    | 0.17%  | 0.022% |

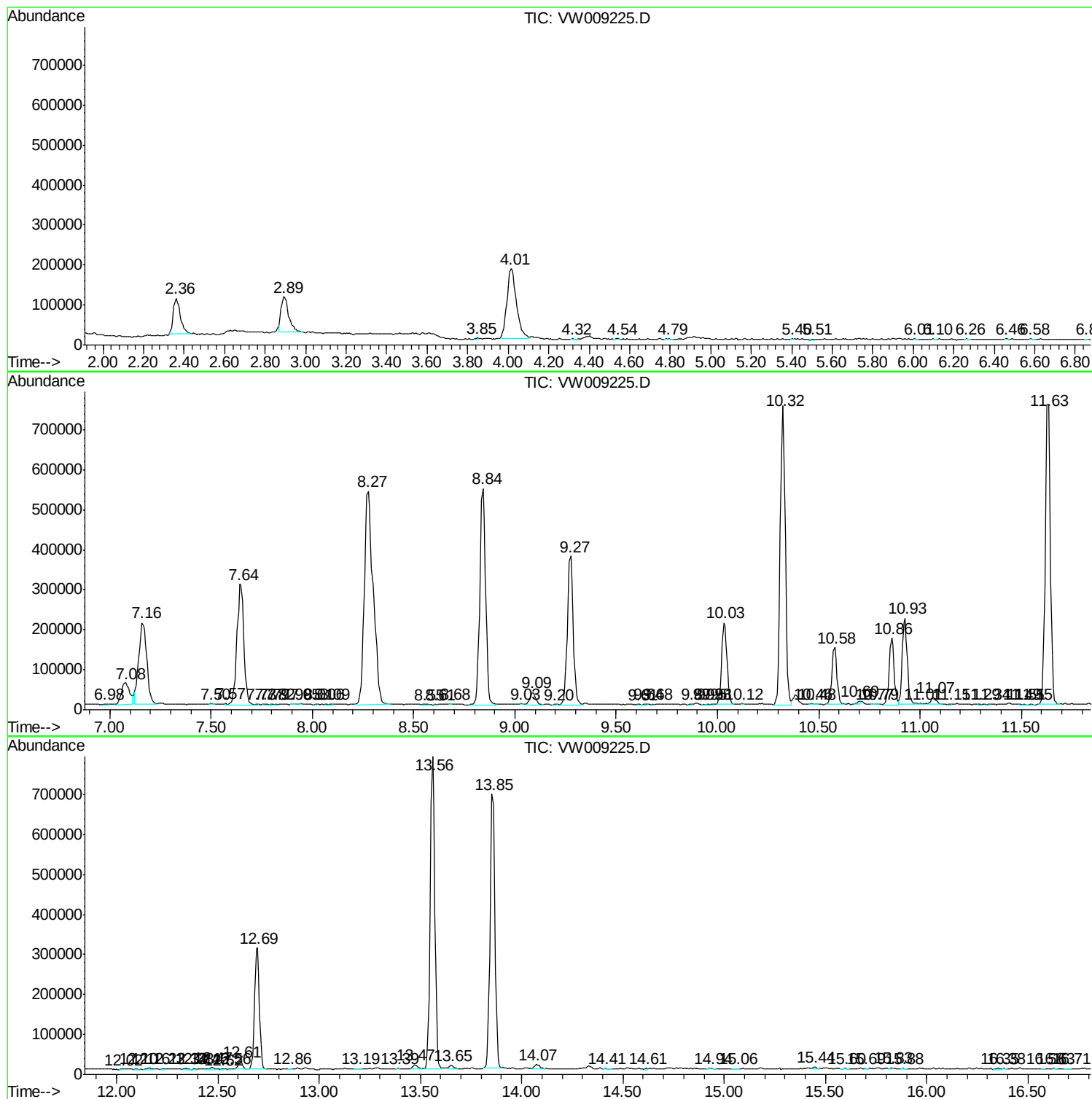
Sum of corrected areas: 13032287

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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\VW031819\  
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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        |