

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011420\  
 Data File : VW014637.D  
 Acq On : 14 Jan 2020 17:06  
 Operator : SY/VA  
 Sample : L1109-13  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GASH2

## 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\SOM2WLM122719S.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      | 1.958    | 6          | 9        | 22        | rVB4  | 7236        | 18336      | 0.52%        | 0.072%     |
| 2      | 2.160    | 37         | 42       | 47        | rBV3  | 8008        | 16938      | 0.48%        | 0.067%     |
| 3      | 2.349    | 67         | 73       | 82        | rVB   | 290679      | 517344     | 14.61%       | 2.038%     |
| 4      | 2.885    | 154        | 161      | 174       | rBV   | 197746      | 465809     | 13.16%       | 1.835%     |
| 5      | 3.373    | 239        | 241      | 245       | rBV4  | 975         | 1276       | 0.04%        | 0.005%     |
| 6      | 3.507    | 261        | 263      | 265       | rBV3  | 859         | 890        | 0.03%        | 0.004%     |
| 7      | 3.531    | 265        | 267      | 269       | rVB3  | 1096        | 971        | 0.03%        | 0.004%     |
| 8      | 3.678    | 288        | 291      | 293       | rBV4  | 1262        | 1849       | 0.05%        | 0.007%     |
| 9      | 4.013    | 333        | 346      | 361       | rBV   | 425405      | 1313335    | 37.10%       | 5.173%     |
| 10     | 4.379    | 402        | 406      | 408       | rBV4  | 1712        | 2372       | 0.07%        | 0.009%     |
| 11     | 4.720    | 458        | 462      | 465       | rBV3  | 661         | 908        | 0.03%        | 0.004%     |
| 12     | 4.775    | 469        | 471      | 473       | rVB2  | 982         | 830        | 0.02%        | 0.003%     |
| 13     | 4.909    | 481        | 493      | 507       | rBV2  | 31831       | 109411     | 3.09%        | 0.431%     |
| 14     | 5.427    | 576        | 578      | 581       | rVB3  | 834         | 981        | 0.03%        | 0.004%     |
| 15     | 5.531    | 591        | 595      | 598       | rBV2  | 643         | 988        | 0.03%        | 0.004%     |
| 16     | 5.763    | 630        | 633      | 635       | rBV3  | 1211        | 1606       | 0.05%        | 0.006%     |
| 17     | 5.933    | 652        | 661      | 662       | rBV4  | 4831        | 8602       | 0.24%        | 0.034%     |
| 18     | 6.647    | 772        | 778      | 780       | rBV3  | 603         | 1077       | 0.03%        | 0.004%     |
| 19     | 6.683    | 780        | 784      | 787       | rVB2  | 665         | 960        | 0.03%        | 0.004%     |
| 20     | 7.073    | 837        | 848      | 854       | rBV   | 96949       | 272453     | 7.70%        | 1.073%     |
| 21     | 7.525    | 918        | 922      | 923       | rVV3  | 1612        | 1965       | 0.06%        | 0.008%     |
| 22     | 7.543    | 923        | 925      | 927       | rVV2  | 2292        | 2085       | 0.06%        | 0.008%     |
| 23     | 7.646    | 929        | 942      | 957       | rVV   | 571835      | 1407968    | 39.77%       | 5.546%     |
| 24     | 7.750    | 957        | 959      | 960       | rVV   | 1151        | 1063       | 0.03%        | 0.004%     |
| 25     | 7.787    | 963        | 965      | 969       | rVV6  | 920         | 1377       | 0.04%        | 0.005%     |
| 26     | 7.829    | 969        | 972      | 975       | rVB4  | 1067        | 1437       | 0.04%        | 0.006%     |
| 27     | 7.884    | 975        | 981      | 983       | rBV3  | 1171        | 2459       | 0.07%        | 0.010%     |
| 28     | 7.945    | 988        | 991      | 1001      | rVB5  | 1873        | 4405       | 0.12%        | 0.017%     |
| 29     | 8.104    | 1012       | 1017     | 1020      | rVB3  | 635         | 1147       | 0.03%        | 0.005%     |
| 30     | 8.274    | 1033       | 1045     | 1062      | rBV2  | 1221223     | 3540414    | 100.00%      | 13.945%    |
| 31     | 8.683    | 1108       | 1112     | 1113      | rBV   | 1872        | 1798       | 0.05%        | 0.007%     |
| 32     | 8.750    | 1122       | 1123     | 1128      | rVB2  | 1091        | 1055       | 0.03%        | 0.004%     |
| 33     | 8.841    | 1128       | 1138     | 1151      | rBV   | 1164143     | 2329133    | 65.79%       | 9.174%     |
| 34     | 9.073    | 1171       | 1176     | 1188      | rVB5  | 7407        | 15193      | 0.43%        | 0.060%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 9.152  | 1188 | 1189 | 1194 | rVB2 | 1153    | 1248    | 0.04%  | 0.005%  |
| 36 | 9.274  | 1200 | 1209 | 1219 | rBV  | 792747  | 1615518 | 45.63% | 6.363%  |
| 37 | 9.664  | 1266 | 1273 | 1279 | rVV6 | 3681    | 7774    | 0.22%  | 0.031%  |
| 38 | 9.878  | 1305 | 1308 | 1309 | rBV2 | 953     | 829     | 0.02%  | 0.003%  |
| 39 | 9.963  | 1318 | 1322 | 1324 | rVB4 | 878     | 1077    | 0.03%  | 0.004%  |
| 40 | 10.030 | 1324 | 1333 | 1345 | rBV  | 408144  | 762599  | 21.54% | 3.004%  |
| 41 | 10.207 | 1357 | 1362 | 1367 | rBV2 | 5294    | 9757    | 0.28%  | 0.038%  |
| 42 | 10.323 | 1372 | 1381 | 1389 | rBV  | 1731335 | 3044699 | 86.00% | 11.993% |
| 43 | 10.579 | 1415 | 1423 | 1437 | rBV  | 265208  | 481633  | 13.60% | 1.897%  |
| 44 | 10.701 | 1437 | 1443 | 1450 | rVV  | 23413   | 43045   | 1.22%  | 0.170%  |
| 45 | 10.859 | 1465 | 1469 | 1472 | rVB4 | 1180    | 1667    | 0.05%  | 0.007%  |
| 46 | 10.920 | 1472 | 1479 | 1496 | rBV  | 363911  | 638242  | 18.03% | 2.514%  |
| 47 | 11.060 | 1496 | 1502 | 1510 | rVB2 | 35942   | 63765   | 1.80%  | 0.251%  |
| 48 | 11.170 | 1519 | 1520 | 1523 | rVV3 | 1446    | 1387    | 0.04%  | 0.005%  |
| 49 | 11.274 | 1535 | 1537 | 1541 | rVB3 | 1063    | 1169    | 0.03%  | 0.005%  |
| 50 | 11.317 | 1541 | 1544 | 1545 | rBV3 | 798     | 901     | 0.03%  | 0.004%  |
| 51 | 11.384 | 1552 | 1555 | 1558 | rBV3 | 1054    | 1895    | 0.05%  | 0.007%  |
| 52 | 11.438 | 1559 | 1564 | 1570 | rVB2 | 13753   | 22256   | 0.63%  | 0.088%  |
| 53 | 11.518 | 1574 | 1577 | 1579 | rVB2 | 791     | 924     | 0.03%  | 0.004%  |
| 54 | 11.548 | 1579 | 1582 | 1584 | rVB3 | 792     | 903     | 0.03%  | 0.004%  |
| 55 | 11.627 | 1587 | 1595 | 1609 | rBV  | 1606530 | 2694366 | 76.10% | 10.613% |
| 56 | 11.835 | 1625 | 1629 | 1632 | rBV3 | 3216    | 5107    | 0.14%  | 0.020%  |
| 57 | 11.920 | 1641 | 1643 | 1647 | rBV2 | 935     | 1010    | 0.03%  | 0.004%  |
| 58 | 11.981 | 1651 | 1653 | 1655 | rBV2 | 789     | 987     | 0.03%  | 0.004%  |
| 59 | 12.060 | 1663 | 1666 | 1668 | rVB3 | 762     | 859     | 0.02%  | 0.003%  |
| 60 | 12.164 | 1678 | 1683 | 1691 | rVV7 | 4195    | 9544    | 0.27%  | 0.038%  |
| 61 | 12.231 | 1691 | 1694 | 1696 | rVV2 | 1203    | 1407    | 0.04%  | 0.006%  |
| 62 | 12.255 | 1696 | 1698 | 1702 | rVV3 | 1689    | 2539    | 0.07%  | 0.010%  |
| 63 | 12.292 | 1702 | 1704 | 1708 | rVB4 | 1171    | 1564    | 0.04%  | 0.006%  |
| 64 | 12.390 | 1718 | 1720 | 1725 | rVV4 | 1142    | 1286    | 0.04%  | 0.005%  |
| 65 | 12.469 | 1731 | 1733 | 1736 | rVB4 | 1726    | 1738    | 0.05%  | 0.007%  |
| 66 | 12.609 | 1749 | 1756 | 1762 | rVB  | 31880   | 53728   | 1.52%  | 0.212%  |
| 67 | 12.688 | 1762 | 1769 | 1777 | rVV  | 574746  | 955323  | 26.98% | 3.763%  |
| 68 | 12.749 | 1777 | 1779 | 1780 | rVV2 | 1760    | 1636    | 0.05%  | 0.006%  |
| 69 | 12.768 | 1780 | 1782 | 1786 | rVV3 | 2350    | 2851    | 0.08%  | 0.011%  |
| 70 | 12.804 | 1786 | 1788 | 1791 | rVB3 | 1116    | 1032    | 0.03%  | 0.004%  |
| 71 | 12.896 | 1798 | 1803 | 1805 | rBV2 | 7748    | 12535   | 0.35%  | 0.049%  |

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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\SOM2WLM122719S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 12.932 | 1805 | 1809 | 1814 | rVB2 | 15949   | 25605   | 0.72%  | 0.101% |
| 73  | 12.993 | 1814 | 1819 | 1821 | rBV6 | 1126    | 2075    | 0.06%  | 0.008% |
| 74  | 13.036 | 1823 | 1826 | 1828 | rBV2 | 1302    | 1261    | 0.04%  | 0.005% |
| 75  | 13.200 | 1847 | 1853 | 1854 | rBV3 | 1343    | 1841    | 0.05%  | 0.007% |
| 76  | 13.225 | 1854 | 1857 | 1860 | rVV4 | 1945    | 3128    | 0.09%  | 0.012% |
| 77  | 13.292 | 1864 | 1868 | 1876 | rVB4 | 5260    | 9965    | 0.28%  | 0.039% |
| 78  | 13.408 | 1881 | 1887 | 1890 | rBV5 | 2075    | 3258    | 0.09%  | 0.013% |
| 79  | 13.469 | 1893 | 1897 | 1903 | rBV7 | 5316    | 11015   | 0.31%  | 0.043% |
| 80  | 13.554 | 1904 | 1911 | 1921 | rVV  | 1497269 | 2403069 | 67.88% | 9.465% |
| 81  | 13.645 | 1922 | 1926 | 1932 | rVB2 | 22411   | 36211   | 1.02%  | 0.143% |
| 82  | 13.725 | 1937 | 1939 | 1941 | rBV2 | 1353    | 1312    | 0.04%  | 0.005% |
| 83  | 13.761 | 1943 | 1945 | 1948 | rVB4 | 2094    | 1477    | 0.04%  | 0.006% |
| 84  | 13.792 | 1948 | 1950 | 1952 | rBV3 | 1207    | 1017    | 0.03%  | 0.004% |
| 85  | 13.853 | 1952 | 1960 | 1972 | rBV  | 1429686 | 2284985 | 64.54% | 9.000% |
| 86  | 14.023 | 1984 | 1988 | 1990 | rBV5 | 2392    | 3373    | 0.10%  | 0.013% |
| 87  | 14.066 | 1991 | 1995 | 2003 | rVB2 | 16244   | 28814   | 0.81%  | 0.113% |
| 88  | 14.188 | 2012 | 2015 | 2018 | rBV5 | 2129    | 3302    | 0.09%  | 0.013% |
| 89  | 14.328 | 2032 | 2038 | 2048 | rVB6 | 7900    | 17797   | 0.50%  | 0.070% |
| 90  | 14.523 | 2067 | 2070 | 2075 | rVB6 | 3585    | 4070    | 0.11%  | 0.016% |
| 91  | 14.627 | 2083 | 2087 | 2089 | rVB5 | 1297    | 1598    | 0.05%  | 0.006% |
| 92  | 14.926 | 2135 | 2136 | 2138 | rBV2 | 1228    | 957     | 0.03%  | 0.004% |
| 93  | 15.023 | 2150 | 2152 | 2153 | rBV2 | 1334    | 937     | 0.03%  | 0.004% |
| 94  | 15.176 | 2175 | 2177 | 2179 | rBV3 | 1651    | 1464    | 0.04%  | 0.006% |
| 95  | 15.365 | 2205 | 2208 | 2213 | rBV5 | 4217    | 6489    | 0.18%  | 0.026% |
| 96  | 15.438 | 2215 | 2220 | 2225 | rVV3 | 17854   | 28813   | 0.81%  | 0.113% |
| 97  | 15.480 | 2225 | 2227 | 2231 | rVB5 | 1750    | 2250    | 0.06%  | 0.009% |
| 98  | 16.249 | 2352 | 2353 | 2355 | rBV2 | 1575    | 1314    | 0.04%  | 0.005% |
| 99  | 16.529 | 2397 | 2399 | 2403 | rVB4 | 2114    | 1707    | 0.05%  | 0.007% |
| 100 | 16.700 | 2426 | 2427 | 2429 | rBV2 | 1819    | 1588    | 0.04%  | 0.006% |

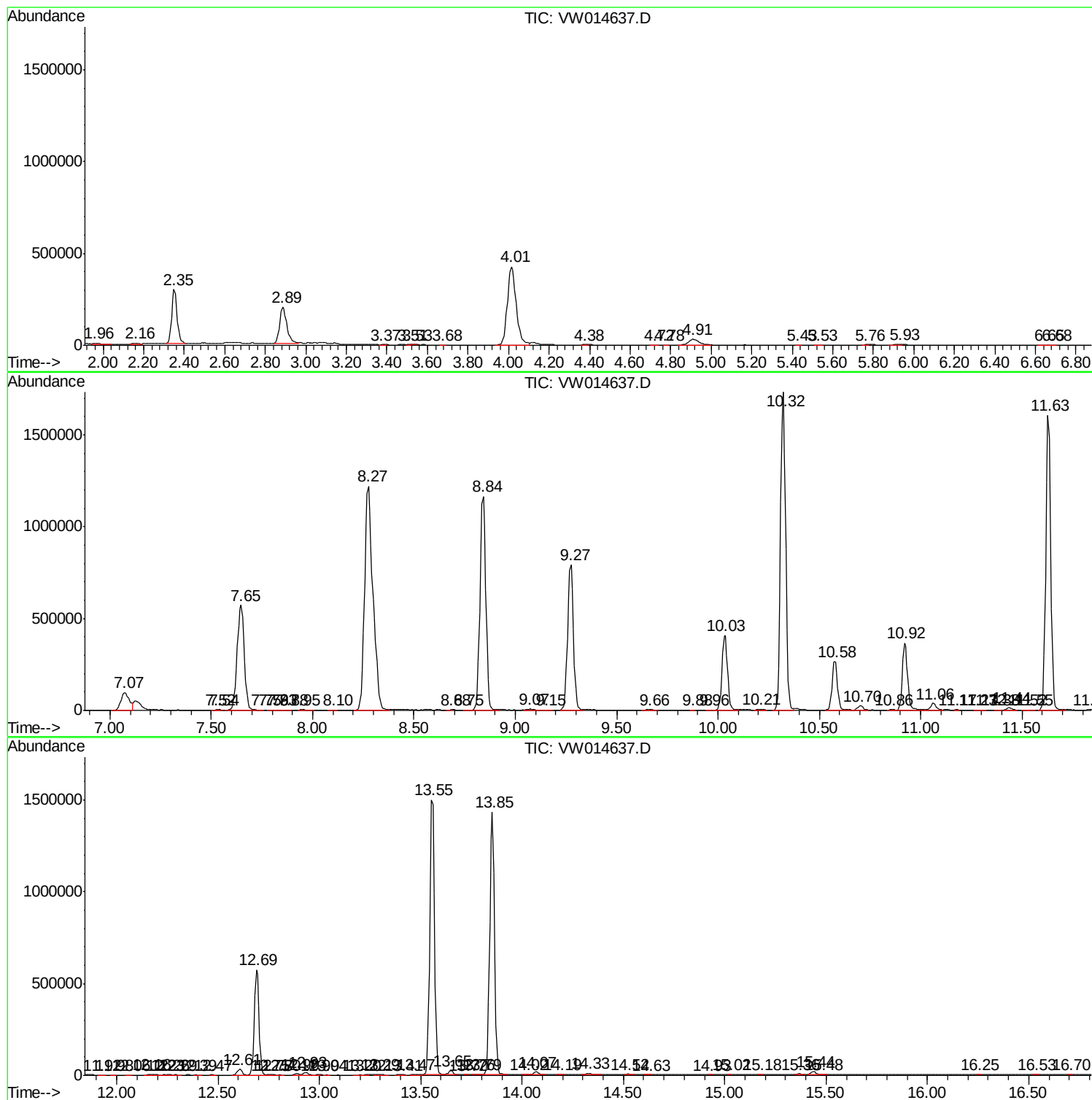
Sum of corrected areas: 25387927

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM122719S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW011420\  
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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          |