

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\  
 Data File : VW014434.D  
 Acq On : 18 Dec 2019 15:52  
 Operator : SY/VA  
 Sample : K6257-14  
 Misc : 5.08G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFF01

## 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\SOM2WLM120519S.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      | 1.965    | 5          | 10       | 19        | rVB5  | 6801        | 12729      | 0.37%        | 0.051%     |
| 2      | 2.154    | 36         | 41       | 44        | rBV2  | 15892       | 26741      | 0.78%        | 0.106%     |
| 3      | 2.349    | 67         | 73       | 87        | rVB   | 250721      | 456807     | 13.31%       | 1.818%     |
| 4      | 2.885    | 153        | 161      | 177       | rBV   | 177376      | 452496     | 13.19%       | 1.801%     |
| 5      | 3.300    | 227        | 229      | 232       | rBV2  | 1706        | 1320       | 0.04%        | 0.005%     |
| 6      | 3.379    | 239        | 242      | 244       | rBV3  | 1136        | 1289       | 0.04%        | 0.005%     |
| 7      | 3.398    | 244        | 245      | 250       | rVB3  | 1025        | 1141       | 0.03%        | 0.005%     |
| 8      | 3.672    | 285        | 290      | 298       | rVB8  | 1764        | 3935       | 0.11%        | 0.016%     |
| 9      | 4.019    | 334        | 347      | 362       | rBV   | 361010      | 1199528    | 34.96%       | 4.774%     |
| 10     | 4.312    | 392        | 395      | 397       | rVB3  | 880         | 898        | 0.03%        | 0.004%     |
| 11     | 4.397    | 401        | 409      | 412       | rBV6  | 2330        | 5072       | 0.15%        | 0.020%     |
| 12     | 4.544    | 430        | 433      | 434       | rBV2  | 933         | 1166       | 0.03%        | 0.005%     |
| 13     | 4.599    | 439        | 442      | 443       | rVV2  | 1230        | 1452       | 0.04%        | 0.006%     |
| 14     | 4.635    | 446        | 448      | 451       | rVV3  | 1059        | 1282       | 0.04%        | 0.005%     |
| 15     | 4.733    | 461        | 464      | 465       | rVV4  | 1286        | 895        | 0.03%        | 0.004%     |
| 16     | 4.916    | 484        | 494      | 509       | rVV3  | 22392       | 83527      | 2.43%        | 0.332%     |
| 17     | 5.013    | 509        | 510      | 516       | rVB4  | 1521        | 1471       | 0.04%        | 0.006%     |
| 18     | 5.141    | 525        | 531      | 532       | rBV3  | 988         | 1849       | 0.05%        | 0.007%     |
| 19     | 5.397    | 568        | 573      | 575       | rBV5  | 940         | 1410       | 0.04%        | 0.006%     |
| 20     | 5.428    | 575        | 578      | 580       | rVV4  | 1092        | 1554       | 0.05%        | 0.006%     |
| 21     | 5.513    | 589        | 592      | 598       | rVV5  | 959         | 1668       | 0.05%        | 0.007%     |
| 22     | 5.598    | 604        | 606      | 609       | rBV2  | 956         | 940        | 0.03%        | 0.004%     |
| 23     | 5.928    | 651        | 660      | 662       | rBV5  | 4738        | 9673       | 0.28%        | 0.038%     |
| 24     | 6.202    | 704        | 705      | 709       | rBV3  | 970         | 1038       | 0.03%        | 0.004%     |
| 25     | 6.488    | 749        | 752      | 756       | rVB5  | 644         | 874        | 0.03%        | 0.003%     |
| 26     | 6.854    | 810        | 812      | 815       | rBV2  | 682         | 1069       | 0.03%        | 0.004%     |
| 27     | 6.897    | 815        | 819      | 821       | rBV4  | 1825        | 2772       | 0.08%        | 0.011%     |
| 28     | 7.074    | 840        | 848      | 853       | rBV   | 91030       | 242109     | 7.06%        | 0.964%     |
| 29     | 7.409    | 901        | 903      | 907       | rVB3  | 863         | 873        | 0.03%        | 0.003%     |
| 30     | 7.641    | 931        | 941      | 955       | rVV   | 577647      | 1438444    | 41.92%       | 5.725%     |
| 31     | 7.945    | 988        | 991      | 997       | rVB5  | 1851        | 3556       | 0.10%        | 0.014%     |
| 32     | 8.049    | 1003       | 1008     | 1010      | rBV4  | 1218        | 1092       | 0.03%        | 0.004%     |
| 33     | 8.110    | 1015       | 1018     | 1021      | rVB4  | 842         | 1291       | 0.04%        | 0.005%     |
| 34     | 8.275    | 1031       | 1045     | 1064      | rBV2  | 1184622     | 3431585    | 100.00%      | 13.658%    |

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 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 8.525  | 1084 | 1086 | 1091 | rBV5 | 930     | 1586    | 0.05%  | 0.006%  |
| 36 | 8.610  | 1098 | 1100 | 1102 | rBV3 | 806     | 944     | 0.03%  | 0.004%  |
| 37 | 8.628  | 1102 | 1103 | 1107 | rVV4 | 1518    | 1530    | 0.04%  | 0.006%  |
| 38 | 8.689  | 1111 | 1113 | 1117 | rVB4 | 1382    | 2005    | 0.06%  | 0.008%  |
| 39 | 8.842  | 1129 | 1138 | 1156 | rBV  | 1196712 | 2365171 | 68.92% | 9.414%  |
| 40 | 9.031  | 1162 | 1169 | 1174 | rBV2 | 22998   | 50557   | 1.47%  | 0.201%  |
| 41 | 9.268  | 1200 | 1208 | 1219 | rBV  | 797688  | 1632216 | 47.56% | 6.496%  |
| 42 | 9.506  | 1244 | 1247 | 1253 | rVB6 | 2174    | 3835    | 0.11%  | 0.015%  |
| 43 | 9.585  | 1257 | 1260 | 1263 | rVB5 | 1389    | 1663    | 0.05%  | 0.007%  |
| 44 | 9.659  | 1267 | 1272 | 1282 | rVB7 | 3270    | 8722    | 0.25%  | 0.035%  |
| 45 | 9.738  | 1282 | 1285 | 1288 | rBV3 | 948     | 1381    | 0.04%  | 0.005%  |
| 46 | 9.793  | 1291 | 1294 | 1297 | rBV4 | 1040    | 1380    | 0.04%  | 0.005%  |
| 47 | 10.030 | 1320 | 1333 | 1344 | rBV  | 383005  | 710822  | 20.71% | 2.829%  |
| 48 | 10.219 | 1358 | 1364 | 1368 | rVB5 | 2262    | 4614    | 0.13%  | 0.018%  |
| 49 | 10.323 | 1372 | 1381 | 1395 | rBV  | 1618093 | 2872788 | 83.72% | 11.434% |
| 50 | 10.573 | 1415 | 1422 | 1432 | rBV  | 243695  | 426953  | 12.44% | 1.699%  |
| 51 | 10.701 | 1436 | 1443 | 1450 | rBV  | 85903   | 146449  | 4.27%  | 0.583%  |
| 52 | 10.921 | 1473 | 1479 | 1497 | rBV  | 351061  | 632952  | 18.44% | 2.519%  |
| 53 | 11.061 | 1497 | 1502 | 1513 | rVV  | 64790   | 117460  | 3.42%  | 0.468%  |
| 54 | 11.171 | 1517 | 1520 | 1524 | rVB5 | 2356    | 3082    | 0.09%  | 0.012%  |
| 55 | 11.244 | 1529 | 1532 | 1533 | rBV3 | 1255    | 1031    | 0.03%  | 0.004%  |
| 56 | 11.299 | 1539 | 1541 | 1545 | rVB4 | 1368    | 1681    | 0.05%  | 0.007%  |
| 57 | 11.329 | 1545 | 1546 | 1550 | rBV4 | 1303    | 1319    | 0.04%  | 0.005%  |
| 58 | 11.439 | 1558 | 1564 | 1572 | rVB2 | 29853   | 52362   | 1.53%  | 0.208%  |
| 59 | 11.628 | 1587 | 1595 | 1608 | rBV  | 1622165 | 2750875 | 80.16% | 10.949% |
| 60 | 11.786 | 1618 | 1621 | 1622 | rBV3 | 935     | 1036    | 0.03%  | 0.004%  |
| 61 | 12.237 | 1693 | 1695 | 1698 | rBV4 | 1708    | 2371    | 0.07%  | 0.009%  |
| 62 | 12.463 | 1730 | 1732 | 1737 | rVB4 | 2515    | 2588    | 0.08%  | 0.010%  |
| 63 | 12.609 | 1747 | 1756 | 1762 | rBV  | 128942  | 221334  | 6.45%  | 0.881%  |
| 64 | 12.689 | 1762 | 1769 | 1778 | rBV  | 549498  | 909162  | 26.49% | 3.619%  |
| 65 | 12.756 | 1778 | 1780 | 1786 | rVB4 | 4303    | 6351    | 0.19%  | 0.025%  |
| 66 | 12.896 | 1800 | 1803 | 1804 | rVB2 | 1160    | 948     | 0.03%  | 0.004%  |
| 67 | 12.932 | 1804 | 1809 | 1815 | rVB2 | 31432   | 50247   | 1.46%  | 0.200%  |
| 68 | 13.036 | 1821 | 1826 | 1829 | rBV6 | 2118    | 3180    | 0.09%  | 0.013%  |
| 69 | 13.079 | 1829 | 1833 | 1837 | rVB5 | 2354    | 3425    | 0.10%  | 0.014%  |
| 70 | 13.109 | 1837 | 1838 | 1841 | rVB3 | 1393    | 1211    | 0.04%  | 0.005%  |
| 71 | 13.164 | 1845 | 1847 | 1848 | rBV2 | 1697    | 1194    | 0.03%  | 0.005%  |

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Filtering: 5  
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 Max Peaks: 100  
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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\SOM2WLM120519S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 13.195 | 1848 | 1852 | 1856 | rVB3 | 4083    | 4902    | 0.14%  | 0.020% |
| 73  | 13.225 | 1856 | 1857 | 1859 | rBV2 | 1427    | 1207    | 0.04%  | 0.005% |
| 74  | 13.292 | 1863 | 1868 | 1874 | rVB2 | 24894   | 40904   | 1.19%  | 0.163% |
| 75  | 13.365 | 1876 | 1880 | 1881 | rBV3 | 1083    | 1524    | 0.04%  | 0.006% |
| 76  | 13.408 | 1881 | 1887 | 1891 | rBV4 | 10565   | 18755   | 0.55%  | 0.075% |
| 77  | 13.469 | 1891 | 1897 | 1902 | rBV  | 24004   | 39621   | 1.15%  | 0.158% |
| 78  | 13.554 | 1905 | 1911 | 1918 | rBV  | 1368708 | 2239913 | 65.27% | 8.915% |
| 79  | 13.646 | 1924 | 1926 | 1932 | rVB3 | 12314   | 15991   | 0.47%  | 0.064% |
| 80  | 13.762 | 1940 | 1945 | 1948 | rBV5 | 8032    | 12683   | 0.37%  | 0.050% |
| 81  | 13.792 | 1948 | 1950 | 1952 | rVB3 | 3147    | 2103    | 0.06%  | 0.008% |
| 82  | 13.853 | 1953 | 1960 | 1967 | rBV  | 1285937 | 2072631 | 60.40% | 8.249% |
| 83  | 14.018 | 1983 | 1987 | 1989 | rBV5 | 3058    | 5142    | 0.15%  | 0.020% |
| 84  | 14.066 | 1990 | 1995 | 2003 | rVB2 | 53581   | 93275   | 2.72%  | 0.371% |
| 85  | 14.200 | 2010 | 2017 | 2023 | rBV5 | 4897    | 11584   | 0.34%  | 0.046% |
| 86  | 14.249 | 2023 | 2025 | 2026 | rBV2 | 1366    | 1385    | 0.04%  | 0.006% |
| 87  | 14.328 | 2031 | 2038 | 2049 | rVB2 | 21401   | 48769   | 1.42%  | 0.194% |
| 88  | 14.438 | 2054 | 2056 | 2057 | rBV2 | 1589    | 1126    | 0.03%  | 0.004% |
| 89  | 14.517 | 2066 | 2069 | 2075 | rVB7 | 5037    | 8770    | 0.26%  | 0.035% |
| 90  | 14.725 | 2099 | 2103 | 2109 | rVB6 | 5785    | 8514    | 0.25%  | 0.034% |
| 91  | 14.932 | 2135 | 2137 | 2141 | rBV5 | 1621    | 2342    | 0.07%  | 0.009% |
| 92  | 15.036 | 2153 | 2154 | 2156 | rBV2 | 1686    | 1089    | 0.03%  | 0.004% |
| 93  | 15.103 | 2160 | 2165 | 2169 | rBV8 | 2859    | 6194    | 0.18%  | 0.025% |
| 94  | 15.255 | 2188 | 2190 | 2194 | rBV5 | 2097    | 2299    | 0.07%  | 0.009% |
| 95  | 15.310 | 2197 | 2199 | 2202 | rBV4 | 1312    | 1501    | 0.04%  | 0.006% |
| 96  | 15.438 | 2212 | 2220 | 2225 | rVB2 | 37469   | 69284   | 2.02%  | 0.276% |
| 97  | 15.487 | 2225 | 2228 | 2234 | rBV5 | 2616    | 5424    | 0.16%  | 0.022% |
| 98  | 15.688 | 2257 | 2261 | 2267 | rBV8 | 3720    | 7435    | 0.22%  | 0.030% |
| 99  | 15.767 | 2269 | 2274 | 2276 | rBV5 | 3387    | 5987    | 0.17%  | 0.024% |
| 100 | 15.847 | 2283 | 2287 | 2290 | rBV4 | 3426    | 4787    | 0.14%  | 0.019% |

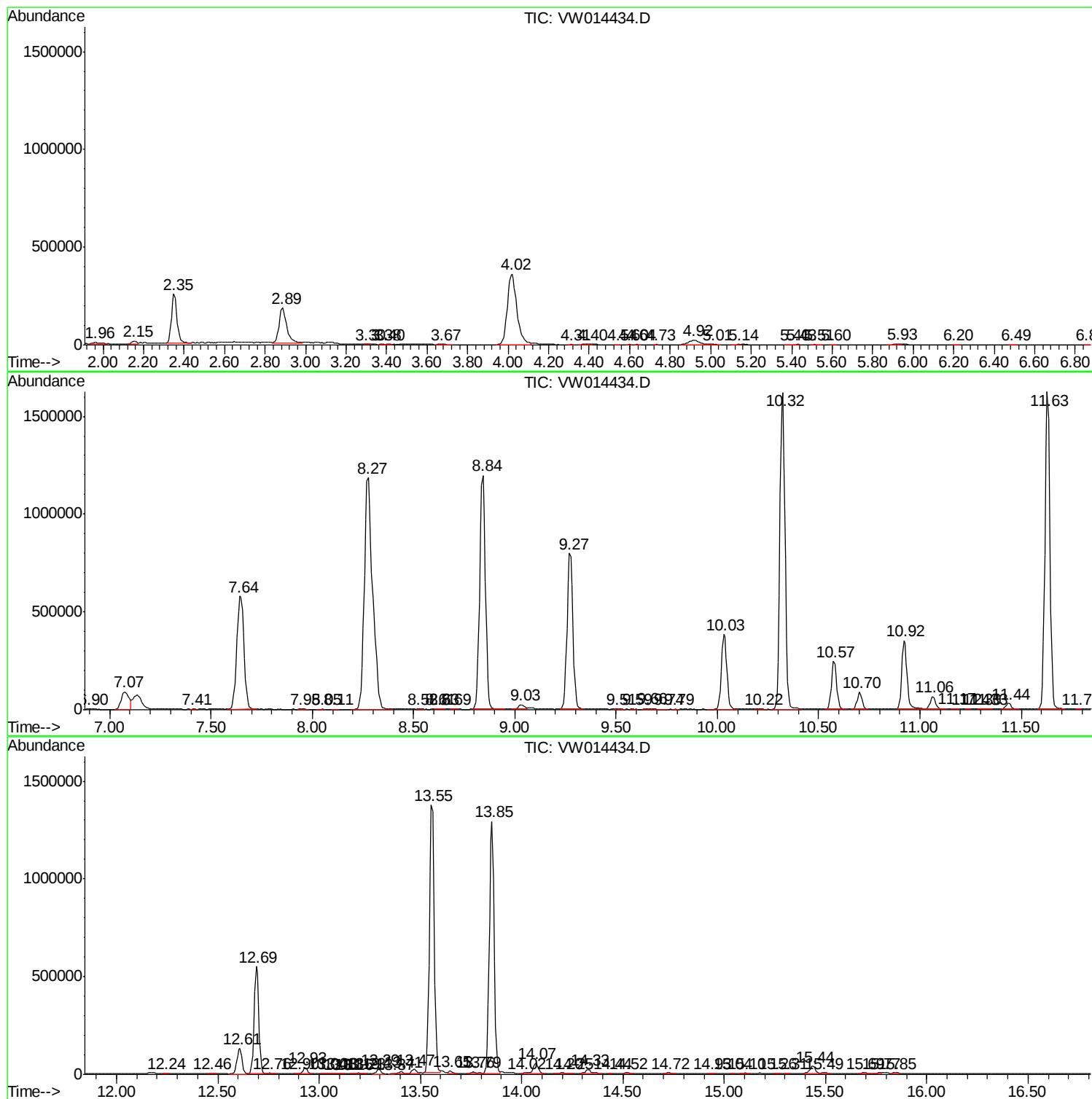
Sum of corrected areas: 25125112

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
Quant Title : VOC Analysis

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



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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        |