

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092420\  
 Data File : VW016626.D  
 Acq On : 23 Sep 2020 13:15  
 Operator : SY/VA  
 Sample : L4108-10  
 Misc : 5.29G/10ML/MSVOA W/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG3K7

## 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\SOM2WLM091520S.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      | 2.367    | 69         | 76       | 89        | rVB   | 131526      | 265231     | 13.37%       | 1.688%     |
| 2      | 2.904    | 157        | 164      | 180       | rVB   | 93626       | 249247     | 12.56%       | 1.586%     |
| 3      | 3.361    | 236        | 239      | 240       | rBV   | 568         | 567        | 0.03%        | 0.004%     |
| 4      | 3.397    | 242        | 245      | 246       | rVV2  | 580         | 621        | 0.03%        | 0.004%     |
| 5      | 3.501    | 260        | 262      | 264       | rVB3  | 531         | 448        | 0.02%        | 0.003%     |
| 6      | 3.544    | 264        | 269      | 271       | rBV3  | 399         | 647        | 0.03%        | 0.004%     |
| 7      | 3.751    | 300        | 303      | 308       | rBV4  | 395         | 666        | 0.03%        | 0.004%     |
| 8      | 4.025    | 336        | 348      | 366       | rBV   | 257571      | 754569     | 38.03%       | 4.803%     |
| 9      | 4.318    | 390        | 396      | 397       | rVV2  | 327         | 414        | 0.02%        | 0.003%     |
| 10     | 4.397    | 397        | 409      | 417       | rBV2  | 2740        | 8273       | 0.42%        | 0.053%     |
| 11     | 4.665    | 451        | 453      | 456       | rBV2  | 433         | 505        | 0.03%        | 0.003%     |
| 12     | 4.928    | 484        | 496      | 514       | rBV3  | 31503       | 110946     | 5.59%        | 0.706%     |
| 13     | 5.123    | 524        | 528      | 530       | rVV2  | 593         | 773        | 0.04%        | 0.005%     |
| 14     | 5.141    | 530        | 531      | 533       | rVV   | 900         | 509        | 0.03%        | 0.003%     |
| 15     | 5.159    | 533        | 534      | 538       | rVB2  | 645         | 619        | 0.03%        | 0.004%     |
| 16     | 5.251    | 547        | 549      | 553       | rVB2  | 522         | 720        | 0.04%        | 0.005%     |
| 17     | 5.434    | 576        | 579      | 580       | rVV   | 641         | 600        | 0.03%        | 0.004%     |
| 18     | 5.452    | 580        | 582      | 584       | rVB2  | 497         | 408        | 0.02%        | 0.003%     |
| 19     | 5.562    | 597        | 600      | 603       | rVB   | 415         | 425        | 0.02%        | 0.003%     |
| 20     | 5.769    | 627        | 634      | 640       | rVV5  | 883         | 2194       | 0.11%        | 0.014%     |
| 21     | 5.946    | 647        | 663      | 675       | rBV4  | 5863        | 19169      | 0.97%        | 0.122%     |
| 22     | 6.933    | 820        | 825      | 829       | rVB3  | 534         | 936        | 0.05%        | 0.006%     |
| 23     | 7.092    | 842        | 851      | 854       | rBV   | 34781       | 87613      | 4.42%        | 0.558%     |
| 24     | 7.147    | 856        | 860      | 872       | rVB2  | 62398       | 160757     | 8.10%        | 1.023%     |
| 25     | 7.653    | 932        | 943      | 959       | rVB   | 345046      | 840191     | 42.35%       | 5.348%     |
| 26     | 7.951    | 986        | 992      | 997       | rBV4  | 1614        | 3228       | 0.16%        | 0.021%     |
| 27     | 8.055    | 1006       | 1009     | 1010      | rBV   | 728         | 565        | 0.03%        | 0.004%     |
| 28     | 8.281    | 1033       | 1046     | 1062      | rVV2  | 669292      | 1984043    | 100.00%      | 12.628%    |
| 29     | 8.403    | 1064       | 1066     | 1071      | rVV3  | 1166        | 1698       | 0.09%        | 0.011%     |
| 30     | 8.628    | 1099       | 1103     | 1109      | rVB2  | 779         | 1306       | 0.07%        | 0.008%     |
| 31     | 8.695    | 1109       | 1114     | 1119      | rBV3  | 955         | 1768       | 0.09%        | 0.011%     |
| 32     | 8.848    | 1130       | 1139     | 1153      | rBV   | 800444      | 1594435    | 80.36%       | 10.148%    |
| 33     | 8.988    | 1161       | 1162     | 1166      | rVB3  | 323         | 421        | 0.02%        | 0.003%     |
| 34     | 9.049    | 1168       | 1172     | 1173      | rBV3  | 646         | 786        | 0.04%        | 0.005%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 9.085  | 1173 | 1178 | 1184 | rVB7 | 2258    | 5401    | 0.27%  | 0.034%  |
| 36 | 9.134  | 1184 | 1186 | 1192 | rVB2 | 455     | 751     | 0.04%  | 0.005%  |
| 37 | 9.274  | 1200 | 1209 | 1219 | rBV  | 413170  | 852498  | 42.97% | 5.426%  |
| 38 | 9.591  | 1257 | 1261 | 1263 | rBV3 | 461     | 588     | 0.03%  | 0.004%  |
| 39 | 9.665  | 1268 | 1273 | 1279 | rBV6 | 1612    | 3796    | 0.19%  | 0.024%  |
| 40 | 9.896  | 1307 | 1311 | 1315 | rVB2 | 1262    | 1972    | 0.10%  | 0.013%  |
| 41 | 9.975  | 1322 | 1324 | 1325 | rBV  | 483     | 422     | 0.02%  | 0.003%  |
| 42 | 10.036 | 1325 | 1334 | 1346 | rVV  | 240844  | 443198  | 22.34% | 2.821%  |
| 43 | 10.128 | 1346 | 1349 | 1359 | rVB6 | 1314    | 2847    | 0.14%  | 0.018%  |
| 44 | 10.213 | 1359 | 1363 | 1366 | rBV3 | 1085    | 1510    | 0.08%  | 0.010%  |
| 45 | 10.329 | 1372 | 1382 | 1389 | rBV  | 992323  | 1782589 | 89.85% | 11.346% |
| 46 | 10.390 | 1389 | 1392 | 1399 | rVB  | 6928    | 11337   | 0.57%  | 0.072%  |
| 47 | 10.579 | 1416 | 1423 | 1436 | rBV  | 145729  | 253435  | 12.77% | 1.613%  |
| 48 | 10.707 | 1437 | 1444 | 1451 | rVV  | 61734   | 111988  | 5.64%  | 0.713%  |
| 49 | 10.926 | 1474 | 1480 | 1496 | rVB  | 150254  | 253008  | 12.75% | 1.610%  |
| 50 | 11.067 | 1497 | 1503 | 1512 | rBV  | 45570   | 79052   | 3.98%  | 0.503%  |
| 51 | 11.176 | 1517 | 1521 | 1528 | rVB5 | 3286    | 5879    | 0.30%  | 0.037%  |
| 52 | 11.402 | 1554 | 1558 | 1559 | rBV4 | 1738    | 2011    | 0.10%  | 0.013%  |
| 53 | 11.439 | 1559 | 1564 | 1572 | rVB  | 14638   | 26026   | 1.31%  | 0.166%  |
| 54 | 11.548 | 1579 | 1582 | 1584 | rBV3 | 549     | 563     | 0.03%  | 0.004%  |
| 55 | 11.634 | 1588 | 1596 | 1607 | rBV  | 1080482 | 1822282 | 91.85% | 11.599% |
| 56 | 11.841 | 1622 | 1630 | 1636 | rBV7 | 2287    | 5272    | 0.27%  | 0.034%  |
| 57 | 11.957 | 1647 | 1649 | 1653 | rBV2 | 422     | 468     | 0.02%  | 0.003%  |
| 58 | 12.176 | 1678 | 1685 | 1691 | rVB6 | 2516    | 5703    | 0.29%  | 0.036%  |
| 59 | 12.237 | 1691 | 1695 | 1697 | rBV2 | 411     | 613     | 0.03%  | 0.004%  |
| 60 | 12.347 | 1707 | 1713 | 1715 | rBV4 | 1150    | 2045    | 0.10%  | 0.013%  |
| 61 | 12.469 | 1727 | 1733 | 1738 | rVB5 | 3045    | 5162    | 0.26%  | 0.033%  |
| 62 | 12.609 | 1748 | 1756 | 1763 | rVB  | 59243   | 94143   | 4.75%  | 0.599%  |
| 63 | 12.694 | 1763 | 1770 | 1779 | rBV  | 284312  | 461076  | 23.24% | 2.935%  |
| 64 | 12.871 | 1794 | 1799 | 1802 | rBV5 | 614     | 1221    | 0.06%  | 0.008%  |
| 65 | 12.938 | 1805 | 1810 | 1813 | rBV4 | 4414    | 7418    | 0.37%  | 0.047%  |
| 66 | 13.036 | 1821 | 1826 | 1829 | rBV4 | 1259    | 2005    | 0.10%  | 0.013%  |
| 67 | 13.085 | 1830 | 1834 | 1837 | rBV4 | 1144    | 1193    | 0.06%  | 0.008%  |
| 68 | 13.109 | 1837 | 1838 | 1839 | rBV  | 893     | 631     | 0.03%  | 0.004%  |
| 69 | 13.170 | 1844 | 1848 | 1849 | rBV3 | 482     | 745     | 0.04%  | 0.005%  |
| 70 | 13.194 | 1849 | 1852 | 1854 | rVV2 | 1110    | 1280    | 0.06%  | 0.008%  |
| 71 | 13.219 | 1854 | 1856 | 1857 | rVV2 | 798     | 728     | 0.04%  | 0.005%  |

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 Min Area: 0 % of largest Peak  
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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\SOM2WLM091520S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |         |
|-----|--------|------|------|------|------|---------|---------|--------|---------|
| 72  | 13.255 | 1857 | 1862 | 1865 | rVV3 | 2779    | 5761    | 0.29%  | 0.037%  |
| 73  | 13.298 | 1865 | 1869 | 1877 | rVB4 | 7735    | 13945   | 0.70%  | 0.089%  |
| 74  | 13.402 | 1877 | 1886 | 1892 | rBV5 | 3337    | 6326    | 0.32%  | 0.040%  |
| 75  | 13.475 | 1894 | 1898 | 1899 | rVV4 | 3234    | 4168    | 0.21%  | 0.027%  |
| 76  | 13.505 | 1900 | 1903 | 1905 | rVV3 | 4228    | 6270    | 0.32%  | 0.040%  |
| 77  | 13.560 | 1905 | 1912 | 1924 | rVV  | 1106457 | 1789094 | 90.17% | 11.387% |
| 78  | 13.646 | 1924 | 1926 | 1932 | rVB5 | 1973    | 3385    | 0.17%  | 0.022%  |
| 79  | 13.761 | 1940 | 1945 | 1948 | rBV5 | 3500    | 4924    | 0.25%  | 0.031%  |
| 80  | 13.853 | 1953 | 1960 | 1967 | rBV  | 855026  | 1418111 | 71.48% | 9.026%  |
| 81  | 14.023 | 1983 | 1988 | 1990 | rBV6 | 1296    | 2373    | 0.12%  | 0.015%  |
| 82  | 14.072 | 1991 | 1996 | 2006 | rVB  | 18840   | 31692   | 1.60%  | 0.202%  |
| 83  | 14.194 | 2013 | 2016 | 2023 | rVB3 | 1794    | 2910    | 0.15%  | 0.019%  |
| 84  | 14.328 | 2026 | 2038 | 2045 | rBV7 | 5700    | 14560   | 0.73%  | 0.093%  |
| 85  | 14.395 | 2048 | 2049 | 2051 | rBV2 | 792     | 526     | 0.03%  | 0.003%  |
| 86  | 14.529 | 2065 | 2071 | 2072 | rBV4 | 833     | 1557    | 0.08%  | 0.010%  |
| 87  | 14.566 | 2075 | 2077 | 2080 | rBV3 | 469     | 465     | 0.02%  | 0.003%  |
| 88  | 14.627 | 2083 | 2087 | 2093 | rBV3 | 2460    | 4139    | 0.21%  | 0.026%  |
| 89  | 14.725 | 2100 | 2103 | 2107 | rVB5 | 2052    | 2802    | 0.14%  | 0.018%  |
| 90  | 15.029 | 2150 | 2153 | 2157 | rBV5 | 655     | 1147    | 0.06%  | 0.007%  |
| 91  | 15.078 | 2157 | 2161 | 2162 | rBV2 | 749     | 959     | 0.05%  | 0.006%  |
| 92  | 15.133 | 2167 | 2170 | 2174 | rVB4 | 1697    | 2360    | 0.12%  | 0.015%  |
| 93  | 15.224 | 2183 | 2185 | 2187 | rVB  | 941     | 699     | 0.04%  | 0.004%  |
| 94  | 15.365 | 2204 | 2208 | 2211 | rBV4 | 1350    | 2184    | 0.11%  | 0.014%  |
| 95  | 15.438 | 2211 | 2220 | 2225 | rVV  | 22037   | 38071   | 1.92%  | 0.242%  |
| 96  | 15.554 | 2236 | 2239 | 2245 | rVB6 | 2015    | 3325    | 0.17%  | 0.021%  |
| 97  | 15.743 | 2268 | 2270 | 2272 | rBV2 | 969     | 1012    | 0.05%  | 0.006%  |
| 98  | 15.761 | 2272 | 2273 | 2275 | rVV2 | 1071    | 836     | 0.04%  | 0.005%  |
| 99  | 16.346 | 2367 | 2369 | 2373 | rVB3 | 778     | 776     | 0.04%  | 0.005%  |
| 100 | 16.706 | 2426 | 2428 | 2429 | rBV2 | 838     | 582     | 0.03%  | 0.004%  |

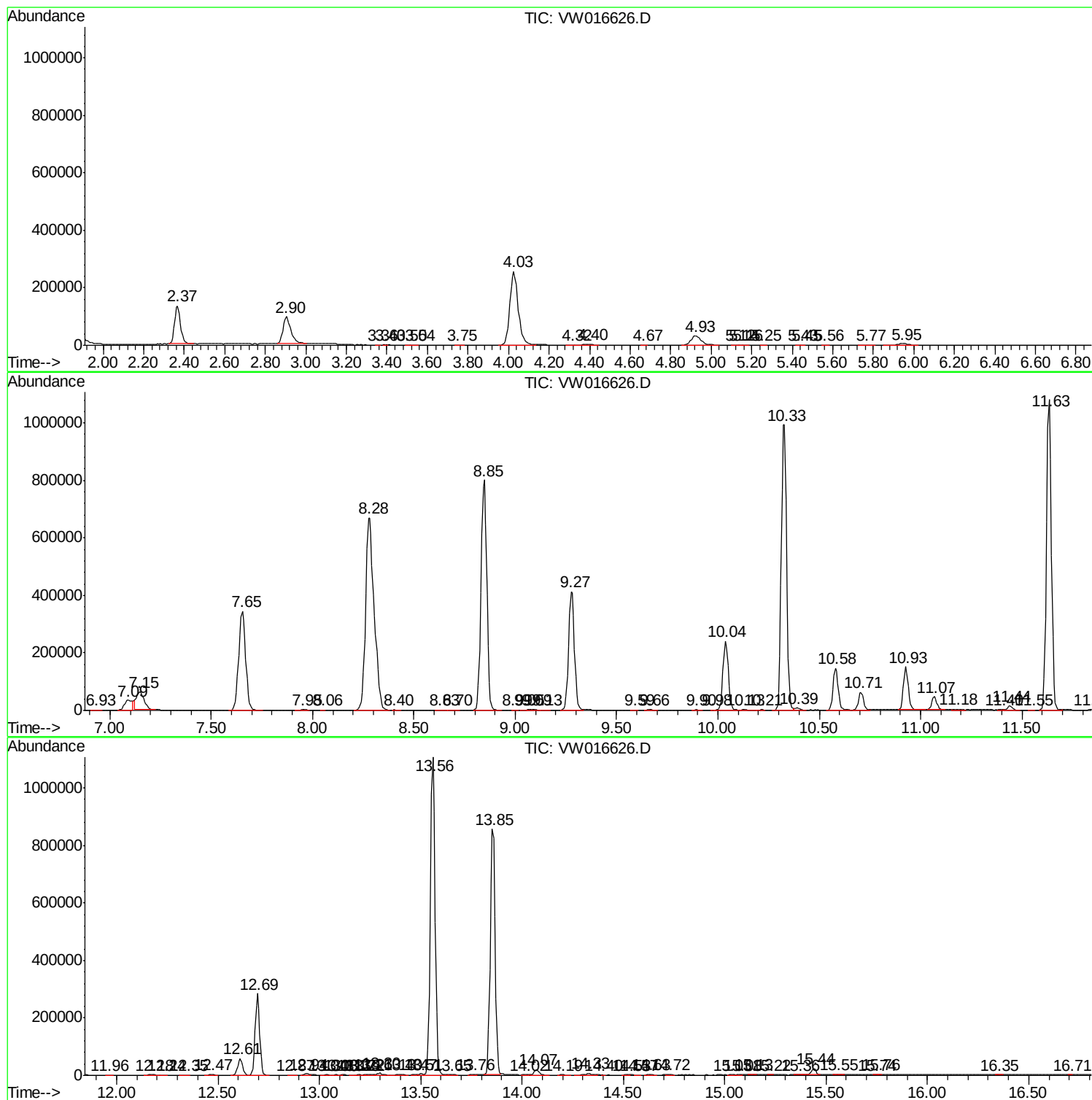
Sum of corrected areas: 15711113

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM091520S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW092420\  
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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        |