

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080720\  
 Data File : VW016095.D  
 Acq On : 08 Aug 2020 01:17  
 Operator : SY/VA  
 Sample : VIBLK29  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VIBLK29

## 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\SOM2WLM072020S.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      | 2.154    | 37         | 41       | 48        | rBV4  | 995         | 2004       | 0.17%        | 0.022%     |
| 2      | 2.209    | 48         | 50       | 52        | rBV2  | 428         | 369        | 0.03%        | 0.004%     |
| 3      | 2.349    | 64         | 73       | 84        | rBV   | 84570       | 148245     | 12.56%       | 1.604%     |
| 4      | 2.885    | 153        | 161      | 179       | rVB   | 54137       | 128295     | 10.87%       | 1.388%     |
| 5      | 3.379    | 236        | 242      | 249       | rBV4  | 2263        | 5591       | 0.47%        | 0.060%     |
| 6      | 3.678    | 287        | 291      | 293       | rBV3  | 637         | 896        | 0.08%        | 0.010%     |
| 7      | 3.855    | 319        | 320      | 325       | rBV   | 213         | 228        | 0.02%        | 0.002%     |
| 8      | 4.007    | 334        | 345      | 360       | rBV   | 137355      | 393447     | 33.35%       | 4.257%     |
| 9      | 4.397    | 401        | 409      | 418       | rVV4  | 1198        | 3893       | 0.33%        | 0.042%     |
| 10     | 4.665    | 450        | 453      | 456       | rBV   | 147         | 212        | 0.02%        | 0.002%     |
| 11     | 4.909    | 480        | 493      | 512       | rVV   | 57913       | 189534     | 16.06%       | 2.051%     |
| 12     | 5.104    | 521        | 525      | 527       | rBV3  | 507         | 755        | 0.06%        | 0.008%     |
| 13     | 5.263    | 548        | 551      | 554       | rBV2  | 152         | 237        | 0.02%        | 0.003%     |
| 14     | 5.312    | 556        | 559      | 562       | rVB2  | 184         | 224        | 0.02%        | 0.002%     |
| 15     | 5.428    | 576        | 578      | 584       | rVB3  | 391         | 655        | 0.06%        | 0.007%     |
| 16     | 5.757    | 624        | 632      | 635       | rBV4  | 1354        | 3092       | 0.26%        | 0.033%     |
| 17     | 5.940    | 651        | 662      | 672       | rVB2  | 8396        | 24887      | 2.11%        | 0.269%     |
| 18     | 6.214    | 702        | 707      | 711       | rVB2  | 291         | 471        | 0.04%        | 0.005%     |
| 19     | 6.860    | 808        | 813      | 817       | rBV   | 132         | 226        | 0.02%        | 0.002%     |
| 20     | 6.927    | 819        | 824      | 827       | rBV4  | 395         | 640        | 0.05%        | 0.007%     |
| 21     | 7.080    | 839        | 849      | 854       | rBV   | 29846       | 81849      | 6.94%        | 0.886%     |
| 22     | 7.147    | 854        | 860      | 878       | rVB   | 59322       | 168859     | 14.31%       | 1.827%     |
| 23     | 7.647    | 932        | 942      | 956       | rBV   | 190180      | 466351     | 39.52%       | 5.046%     |
| 24     | 7.836    | 971        | 973      | 975       | rBV   | 209         | 232        | 0.02%        | 0.003%     |
| 25     | 7.872    | 977        | 979      | 983       | rVB2  | 380         | 384        | 0.03%        | 0.004%     |
| 26     | 7.939    | 988        | 990      | 991       | rBV   | 579         | 459        | 0.04%        | 0.005%     |
| 27     | 8.061    | 1006       | 1010     | 1017      | rBV3  | 542         | 1164       | 0.10%        | 0.013%     |
| 28     | 8.275    | 1032       | 1045     | 1061      | rBV2  | 400896      | 1179924    | 100.00%      | 12.767%    |
| 29     | 8.464    | 1073       | 1076     | 1080      | rVB   | 224         | 316        | 0.03%        | 0.003%     |
| 30     | 8.500    | 1080       | 1082     | 1087      | rVB2  | 140         | 252        | 0.02%        | 0.003%     |
| 31     | 8.622    | 1097       | 1102     | 1110      | rVV3  | 226         | 518        | 0.04%        | 0.006%     |
| 32     | 8.689    | 1110       | 1113     | 1118      | rVV3  | 221         | 399        | 0.03%        | 0.004%     |
| 33     | 8.842    | 1130       | 1138     | 1154      | rBV   | 375107      | 756687     | 64.13%       | 8.188%     |
| 34     | 9.079    | 1169       | 1177     | 1185      | rVB8  | 2033        | 5012       | 0.42%        | 0.054%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 9.274  | 1200 | 1209 | 1218 | rBV  | 250337 | 508886  | 43.13% | 5.506%  |
| 36 | 9.652  | 1266 | 1271 | 1272 | rBV2 | 609    | 709     | 0.06%  | 0.008%  |
| 37 | 9.884  | 1306 | 1309 | 1310 | rBV  | 241    | 212     | 0.02%  | 0.002%  |
| 38 | 9.902  | 1310 | 1312 | 1315 | rVB4 | 197    | 217     | 0.02%  | 0.002%  |
| 39 | 10.036 | 1327 | 1334 | 1346 | rVB  | 135414 | 241264  | 20.45% | 2.611%  |
| 40 | 10.213 | 1357 | 1363 | 1369 | rBV2 | 2046   | 3738    | 0.32%  | 0.040%  |
| 41 | 10.323 | 1373 | 1381 | 1390 | rBV  | 574596 | 1032056 | 87.47% | 11.167% |
| 42 | 10.579 | 1416 | 1423 | 1436 | rBV  | 88075  | 153904  | 13.04% | 1.665%  |
| 43 | 10.707 | 1437 | 1444 | 1452 | rVV  | 95421  | 174928  | 14.83% | 1.893%  |
| 44 | 10.780 | 1455 | 1456 | 1461 | rVB3 | 805    | 924     | 0.08%  | 0.010%  |
| 45 | 10.860 | 1461 | 1469 | 1474 | rBV5 | 5228   | 10589   | 0.90%  | 0.115%  |
| 46 | 10.927 | 1474 | 1480 | 1494 | rVV  | 125179 | 207913  | 17.62% | 2.250%  |
| 47 | 11.067 | 1496 | 1503 | 1511 | rVB  | 25971  | 43784   | 3.71%  | 0.474%  |
| 48 | 11.177 | 1516 | 1521 | 1529 | rVB2 | 3556   | 5902    | 0.50%  | 0.064%  |
| 49 | 11.238 | 1529 | 1531 | 1536 | rVB2 | 434    | 482     | 0.04%  | 0.005%  |
| 50 | 11.439 | 1555 | 1564 | 1571 | rBV  | 30568  | 53879   | 4.57%  | 0.583%  |
| 51 | 11.634 | 1588 | 1596 | 1605 | rBV  | 578981 | 957449  | 81.14% | 10.360% |
| 52 | 11.737 | 1610 | 1613 | 1618 | rVB  | 1539   | 2049    | 0.17%  | 0.022%  |
| 53 | 11.841 | 1625 | 1630 | 1635 | rVB4 | 1764   | 2800    | 0.24%  | 0.030%  |
| 54 | 12.170 | 1678 | 1684 | 1690 | rVB4 | 1520   | 3276    | 0.28%  | 0.035%  |
| 55 | 12.335 | 1708 | 1711 | 1712 | rBV  | 336    | 298     | 0.03%  | 0.003%  |
| 56 | 12.463 | 1728 | 1732 | 1738 | rBV4 | 1289   | 2119    | 0.18%  | 0.023%  |
| 57 | 12.609 | 1748 | 1756 | 1763 | rBV  | 82398  | 136586  | 11.58% | 1.478%  |
| 58 | 12.695 | 1763 | 1770 | 1778 | rVB  | 209649 | 344650  | 29.21% | 3.729%  |
| 59 | 12.865 | 1792 | 1798 | 1802 | rBV4 | 351    | 851     | 0.07%  | 0.009%  |
| 60 | 12.932 | 1804 | 1809 | 1815 | rBV4 | 8892   | 14635   | 1.24%  | 0.158%  |
| 61 | 13.042 | 1823 | 1827 | 1830 | rBV4 | 948    | 1099    | 0.09%  | 0.012%  |
| 62 | 13.079 | 1830 | 1833 | 1840 | rVB3 | 948    | 1659    | 0.14%  | 0.018%  |
| 63 | 13.164 | 1843 | 1847 | 1850 | rBV4 | 315    | 450     | 0.04%  | 0.005%  |
| 64 | 13.194 | 1850 | 1852 | 1854 | rVB2 | 312    | 227     | 0.02%  | 0.002%  |
| 65 | 13.243 | 1854 | 1860 | 1861 | rBV2 | 1745   | 1969    | 0.17%  | 0.021%  |
| 66 | 13.298 | 1864 | 1869 | 1875 | rVB2 | 5513   | 9384    | 0.80%  | 0.102%  |
| 67 | 13.402 | 1881 | 1886 | 1891 | rVB4 | 777    | 1439    | 0.12%  | 0.016%  |
| 68 | 13.475 | 1894 | 1898 | 1899 | rBV2 | 503    | 464     | 0.04%  | 0.005%  |
| 69 | 13.505 | 1899 | 1903 | 1905 | rBV4 | 1847   | 2527    | 0.21%  | 0.027%  |
| 70 | 13.560 | 1905 | 1912 | 1924 | rVB  | 528730 | 842945  | 71.44% | 9.121%  |
| 71 | 13.658 | 1924 | 1928 | 1934 | rVB6 | 1326   | 2525    | 0.21%  | 0.027%  |

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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\SOM2WLM072020S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 13.761 | 1941 | 1945 | 1948 | rBV4 | 1833   | 2961   | 0.25%  | 0.032% |
| 73  | 13.798 | 1949 | 1951 | 1953 | rVB2 | 780    | 524    | 0.04%  | 0.006% |
| 74  | 13.853 | 1953 | 1960 | 1968 | rBV  | 490008 | 809205 | 68.58% | 8.756% |
| 75  | 13.957 | 1975 | 1977 | 1981 | rVB2 | 1078   | 998    | 0.08%  | 0.011% |
| 76  | 14.024 | 1985 | 1988 | 1989 | rBV3 | 792    | 805    | 0.07%  | 0.009% |
| 77  | 14.072 | 1990 | 1996 | 2002 | rVB2 | 38465  | 60380  | 5.12%  | 0.653% |
| 78  | 14.200 | 2012 | 2017 | 2024 | rVV2 | 1032   | 1723   | 0.15%  | 0.019% |
| 79  | 14.328 | 2031 | 2038 | 2050 | rVB4 | 2420   | 5267   | 0.45%  | 0.057% |
| 80  | 14.523 | 2067 | 2070 | 2076 | rVB3 | 657    | 948    | 0.08%  | 0.010% |
| 81  | 14.633 | 2083 | 2088 | 2091 | rBV3 | 1360   | 1967   | 0.17%  | 0.021% |
| 82  | 14.676 | 2094 | 2095 | 2099 | rVV2 | 321    | 382    | 0.03%  | 0.004% |
| 83  | 14.725 | 2099 | 2103 | 2106 | rVV3 | 781    | 1106   | 0.09%  | 0.012% |
| 84  | 14.975 | 2141 | 2144 | 2145 | rBV2 | 220    | 245    | 0.02%  | 0.003% |
| 85  | 15.030 | 2149 | 2153 | 2156 | rBV3 | 273    | 353    | 0.03%  | 0.004% |
| 86  | 15.109 | 2160 | 2166 | 2169 | rBV4 | 636    | 1358   | 0.12%  | 0.015% |
| 87  | 15.298 | 2195 | 2197 | 2199 | rBV  | 294    | 220    | 0.02%  | 0.002% |
| 88  | 15.353 | 2205 | 2206 | 2207 | rBV  | 378    | 221    | 0.02%  | 0.002% |
| 89  | 15.438 | 2214 | 2220 | 2225 | rVV2 | 3618   | 5328   | 0.45%  | 0.058% |
| 90  | 15.499 | 2225 | 2230 | 2235 | rVB2 | 4117   | 6491   | 0.55%  | 0.070% |
| 91  | 15.554 | 2238 | 2239 | 2245 | rVB2 | 574    | 890    | 0.08%  | 0.010% |
| 92  | 15.615 | 2245 | 2249 | 2250 | rBV3 | 338    | 400    | 0.03%  | 0.004% |
| 93  | 15.694 | 2260 | 2262 | 2268 | rVB5 | 577    | 752    | 0.06%  | 0.008% |
| 94  | 15.767 | 2271 | 2274 | 2277 | rBV4 | 676    | 1135   | 0.10%  | 0.012% |
| 95  | 15.798 | 2277 | 2279 | 2285 | rVB3 | 1020   | 1131   | 0.10%  | 0.012% |
| 96  | 15.846 | 2285 | 2287 | 2289 | rBV3 | 297    | 327    | 0.03%  | 0.004% |
| 97  | 16.170 | 2338 | 2340 | 2344 | rBV2 | 645    | 705    | 0.06%  | 0.008% |
| 98  | 16.395 | 2375 | 2377 | 2379 | rBV  | 440    | 279    | 0.02%  | 0.003% |
| 99  | 16.432 | 2381 | 2383 | 2385 | rBV2 | 337    | 348    | 0.03%  | 0.004% |
| 100 | 16.669 | 2420 | 2422 | 2426 | rVB3 | 247    | 297    | 0.03%  | 0.003% |

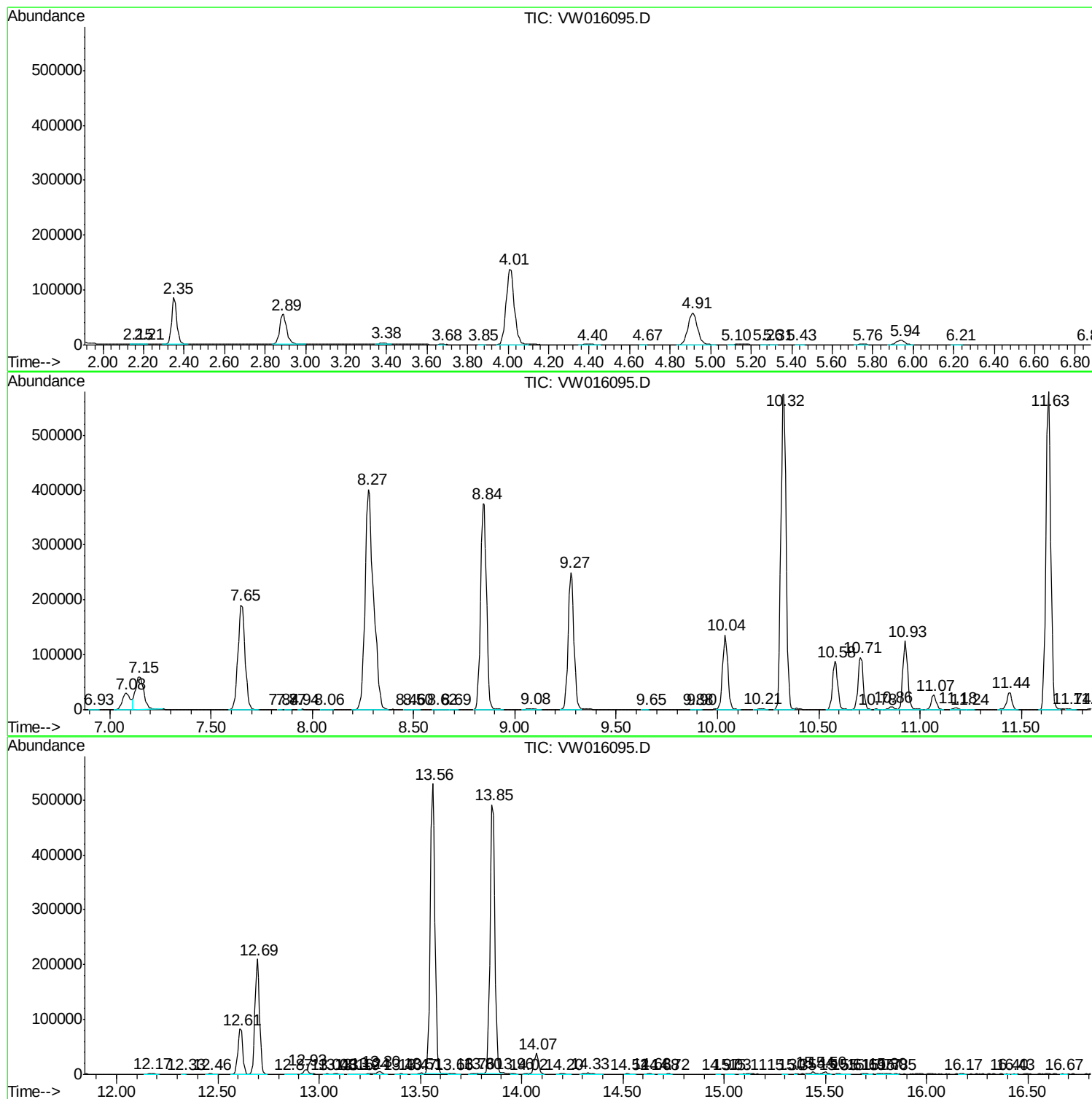
Sum of corrected areas: 9241841

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM072020S.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        |