

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050520\  
 Data File : VW015392.D  
 Acq On : 05 May 2020 10:27  
 Operator : SY/VA  
 Sample : VW0505SBL01  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK24

## 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\SOM2WLM050420S.M  
 Title : VOC Analysis

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.355       | 68            | 74          | 86           | rVB      | 87209          | 169580        | 14.11%          | 1.873%        |
| 2         | 2.891       | 155           | 162         | 179          | rVB      | 73467          | 192242        | 16.00%          | 2.123%        |
| 3         | 4.013       | 335           | 346         | 369          | rVV      | 129575         | 411985        | 34.29%          | 4.550%        |
| 4         | 4.434       | 412           | 415         | 416          | rBV3     | 373            | 417           | 0.03%           | 0.005%        |
| 5         | 4.720       | 458           | 462         | 465          | rVB3     | 379            | 557           | 0.05%           | 0.006%        |
| 6         | 4.793       | 470           | 474         | 476          | rBV2     | 380            | 544           | 0.05%           | 0.006%        |
| 7         | 4.915       | 483           | 494         | 509          | rBV2     | 5987           | 22328         | 1.86%           | 0.247%        |
| 8         | 5.110       | 524           | 526         | 528          | rBV2     | 359            | 388           | 0.03%           | 0.004%        |
| 9         | 5.434       | 573           | 579         | 581          | rBV2     | 263            | 463           | 0.04%           | 0.005%        |
| 10        | 5.458       | 581           | 583         | 586          | rVB2     | 337            | 351           | 0.03%           | 0.004%        |
| 11        | 5.738       | 622           | 629         | 630          | rBV5     | 1052           | 1907          | 0.16%           | 0.021%        |
| 12        | 5.940       | 650           | 662         | 671          | rVV4     | 3927           | 12209         | 1.02%           | 0.135%        |
| 13        | 6.440       | 740           | 744         | 747          | rBV3     | 243            | 417           | 0.03%           | 0.005%        |
| 14        | 6.921       | 818           | 823         | 824          | rBV3     | 433            | 638           | 0.05%           | 0.007%        |
| 15        | 7.086       | 840           | 850         | 856          | rBV2     | 27748          | 80405         | 6.69%           | 0.888%        |
| 16        | 7.153       | 856           | 861         | 872          | rVB      | 23135          | 61077         | 5.08%           | 0.674%        |
| 17        | 7.360       | 892           | 895         | 898          | rVV      | 344            | 453           | 0.04%           | 0.005%        |
| 18        | 7.415       | 902           | 904         | 907          | rVB2     | 301            | 352           | 0.03%           | 0.004%        |
| 19        | 7.537       | 921           | 924         | 929          | rBV3     | 415            | 647           | 0.05%           | 0.007%        |
| 20        | 7.647       | 932           | 942         | 958          | rVV      | 197802         | 483310        | 40.22%          | 5.337%        |
| 21        | 7.945       | 987           | 991         | 992          | rBV3     | 630            | 886           | 0.07%           | 0.010%        |
| 22        | 8.043       | 1003          | 1007        | 1009         | rBV2     | 354            | 461           | 0.04%           | 0.005%        |
| 23        | 8.110       | 1016          | 1018        | 1022         | rVB      | 352            | 479           | 0.04%           | 0.005%        |
| 24        | 8.153       | 1022          | 1025        | 1031         | rBV2     | 429            | 831           | 0.07%           | 0.009%        |
| 25        | 8.275       | 1031          | 1045        | 1063         | rBV2     | 411948         | 1201642       | 100.00%         | 13.270%       |
| 26        | 8.390       | 1063          | 1064        | 1066         | rVV2     | 656            | 483           | 0.04%           | 0.005%        |
| 27        | 8.464       | 1074          | 1076        | 1078         | rBV3     | 339            | 400           | 0.03%           | 0.004%        |
| 28        | 8.628       | 1101          | 1103        | 1105         | rBV2     | 396            | 387           | 0.03%           | 0.004%        |
| 29        | 8.683       | 1108          | 1112        | 1113         | rBV      | 388            | 470           | 0.04%           | 0.005%        |
| 30        | 8.842       | 1129          | 1138        | 1154         | rVB      | 411568         | 809379        | 67.36%          | 8.938%        |
| 31        | 9.073       | 1171          | 1176        | 1185         | rVB5     | 1698           | 3803          | 0.32%           | 0.042%        |
| 32        | 9.274       | 1200          | 1209        | 1218         | rBV      | 273776         | 550749        | 45.83%          | 6.082%        |
| 33        | 9.463       | 1239          | 1240        | 1246         | rVB4     | 352            | 507           | 0.04%           | 0.006%        |
| 34        | 9.658       | 1265          | 1272        | 1279         | rVB3     | 1768           | 3842          | 0.32%           | 0.042%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050420S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 35 | 9.756  | 1283 | 1288 | 1295 | rVB4 | 1796   | 3856    | 0.32%  | 0.043%  |
| 36 | 9.890  | 1303 | 1310 | 1318 | rVB2 | 5396   | 10979   | 0.91%  | 0.121%  |
| 37 | 10.036 | 1318 | 1334 | 1343 | rBV  | 156812 | 289602  | 24.10% | 3.198%  |
| 38 | 10.207 | 1356 | 1362 | 1366 | rBV3 | 4238   | 8178    | 0.68%  | 0.090%  |
| 39 | 10.244 | 1366 | 1368 | 1373 | rVB  | 2578   | 3444    | 0.29%  | 0.038%  |
| 40 | 10.323 | 1373 | 1381 | 1389 | rBV  | 606374 | 1055798 | 87.86% | 11.660% |
| 41 | 10.579 | 1415 | 1423 | 1433 | rVV  | 99419  | 173256  | 14.42% | 1.913%  |
| 42 | 10.701 | 1437 | 1443 | 1450 | rVB  | 35301  | 63792   | 5.31%  | 0.704%  |
| 43 | 10.774 | 1454 | 1455 | 1461 | rVB3 | 581    | 654     | 0.05%  | 0.007%  |
| 44 | 10.841 | 1461 | 1466 | 1472 | rVB7 | 1427   | 2636    | 0.22%  | 0.029%  |
| 45 | 10.927 | 1472 | 1480 | 1495 | rBV  | 120919 | 208109  | 17.32% | 2.298%  |
| 46 | 11.067 | 1495 | 1503 | 1510 | rBV  | 24892  | 41498   | 3.45%  | 0.458%  |
| 47 | 11.170 | 1515 | 1520 | 1529 | rVB3 | 2377   | 4726    | 0.39%  | 0.052%  |
| 48 | 11.347 | 1547 | 1549 | 1553 | rVB3 | 419    | 611     | 0.05%  | 0.007%  |
| 49 | 11.439 | 1553 | 1564 | 1574 | rVB  | 15157  | 27284   | 2.27%  | 0.301%  |
| 50 | 11.530 | 1574 | 1579 | 1581 | rBV4 | 331    | 512     | 0.04%  | 0.006%  |
| 51 | 11.634 | 1586 | 1596 | 1606 | rBV  | 559366 | 969986  | 80.72% | 10.712% |
| 52 | 11.835 | 1621 | 1629 | 1633 | rBV4 | 884    | 1991    | 0.17%  | 0.022%  |
| 53 | 12.006 | 1653 | 1657 | 1659 | rBV4 | 321    | 513     | 0.04%  | 0.006%  |
| 54 | 12.060 | 1664 | 1666 | 1671 | rVB3 | 295    | 504     | 0.04%  | 0.006%  |
| 55 | 12.164 | 1678 | 1683 | 1689 | rBV6 | 1309   | 3076    | 0.26%  | 0.034%  |
| 56 | 12.335 | 1708 | 1711 | 1712 | rBV3 | 367    | 421     | 0.04%  | 0.005%  |
| 57 | 12.463 | 1729 | 1732 | 1735 | rVB4 | 1109   | 1157    | 0.10%  | 0.013%  |
| 58 | 12.512 | 1735 | 1740 | 1741 | rBV4 | 304    | 521     | 0.04%  | 0.006%  |
| 59 | 12.609 | 1750 | 1756 | 1763 | rVB  | 40227  | 67171   | 5.59%  | 0.742%  |
| 60 | 12.694 | 1763 | 1770 | 1777 | rBV  | 172376 | 285938  | 23.80% | 3.158%  |
| 61 | 12.762 | 1777 | 1781 | 1786 | rVB6 | 1038   | 1914    | 0.16%  | 0.021%  |
| 62 | 12.804 | 1786 | 1788 | 1794 | rVB4 | 295    | 528     | 0.04%  | 0.006%  |
| 63 | 12.932 | 1804 | 1809 | 1813 | rBV2 | 8313   | 13044   | 1.09%  | 0.144%  |
| 64 | 13.036 | 1823 | 1826 | 1829 | rVB4 | 629    | 754     | 0.06%  | 0.008%  |
| 65 | 13.079 | 1829 | 1833 | 1839 | rVB5 | 678    | 1157    | 0.10%  | 0.013%  |
| 66 | 13.164 | 1844 | 1847 | 1849 | rBV2 | 364    | 544     | 0.05%  | 0.006%  |
| 67 | 13.188 | 1849 | 1851 | 1858 | rVB5 | 583    | 853     | 0.07%  | 0.009%  |
| 68 | 13.243 | 1858 | 1860 | 1862 | rBV3 | 1067   | 1328    | 0.11%  | 0.015%  |
| 69 | 13.298 | 1864 | 1869 | 1877 | rVB2 | 5568   | 10308   | 0.86%  | 0.114%  |
| 70 | 13.377 | 1880 | 1882 | 1883 | rBV2 | 386    | 389     | 0.03%  | 0.004%  |
| 71 | 13.402 | 1883 | 1886 | 1891 | rVB4 | 1345   | 2077    | 0.17%  | 0.023%  |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050420S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 13.499 | 1897 | 1902 | 1905 | rBV5 | 2038   | 3711   | 0.31%  | 0.041% |
| 73  | 13.554 | 1905 | 1911 | 1924 | rVB  | 542237 | 894571 | 74.45% | 9.879% |
| 74  | 13.761 | 1940 | 1945 | 1948 | rBV4 | 1618   | 2945   | 0.25%  | 0.033% |
| 75  | 13.792 | 1948 | 1950 | 1953 | rVB4 | 659    | 673    | 0.06%  | 0.007% |
| 76  | 13.853 | 1953 | 1960 | 1967 | rBV  | 489117 | 787340 | 65.52% | 8.695% |
| 77  | 14.017 | 1983 | 1987 | 1990 | rBV3 | 788    | 1586   | 0.13%  | 0.018% |
| 78  | 14.066 | 1990 | 1995 | 2002 | rVB2 | 24749  | 40090  | 3.34%  | 0.443% |
| 79  | 14.194 | 2011 | 2016 | 2018 | rBV2 | 1281   | 1545   | 0.13%  | 0.017% |
| 80  | 14.255 | 2023 | 2026 | 2029 | rBV4 | 357    | 591    | 0.05%  | 0.007% |
| 81  | 14.328 | 2029 | 2038 | 2041 | rBV6 | 2816   | 5374   | 0.45%  | 0.059% |
| 82  | 14.493 | 2062 | 2065 | 2068 | rVV3 | 399    | 656    | 0.05%  | 0.007% |
| 83  | 14.517 | 2068 | 2069 | 2072 | rVB3 | 594    | 551    | 0.05%  | 0.006% |
| 84  | 14.627 | 2082 | 2087 | 2093 | rVV5 | 2190   | 3727   | 0.31%  | 0.041% |
| 85  | 14.688 | 2095 | 2097 | 2098 | rVV2 | 442    | 369    | 0.03%  | 0.004% |
| 86  | 14.725 | 2098 | 2103 | 2108 | rVB5 | 1161   | 2283   | 0.19%  | 0.025% |
| 87  | 14.853 | 2121 | 2124 | 2126 | rBV3 | 348    | 416    | 0.03%  | 0.005% |
| 88  | 14.962 | 2140 | 2142 | 2146 | rBV3 | 248    | 381    | 0.03%  | 0.004% |
| 89  | 15.023 | 2150 | 2152 | 2155 | rBV2 | 386    | 409    | 0.03%  | 0.005% |
| 90  | 15.127 | 2166 | 2169 | 2174 | rVV4 | 1944   | 3321   | 0.28%  | 0.037% |
| 91  | 15.182 | 2174 | 2178 | 2181 | rVB4 | 662    | 866    | 0.07%  | 0.010% |
| 92  | 15.365 | 2204 | 2208 | 2212 | rVV  | 1701   | 2732   | 0.23%  | 0.030% |
| 93  | 15.438 | 2215 | 2220 | 2225 | rVV  | 9302   | 15724  | 1.31%  | 0.174% |
| 94  | 15.493 | 2225 | 2229 | 2235 | rVV  | 2529   | 4240   | 0.35%  | 0.047% |
| 95  | 15.554 | 2235 | 2239 | 2245 | rVB6 | 1515   | 2904   | 0.24%  | 0.032% |
| 96  | 15.688 | 2257 | 2261 | 2267 | rVB5 | 790    | 1404   | 0.12%  | 0.016% |
| 97  | 15.767 | 2271 | 2274 | 2275 | rBV2 | 687    | 882    | 0.07%  | 0.010% |
| 98  | 15.956 | 2302 | 2305 | 2306 | rBV3 | 549    | 607    | 0.05%  | 0.007% |
| 99  | 16.151 | 2334 | 2337 | 2341 | rBV5 | 607    | 1030   | 0.09%  | 0.011% |
| 100 | 16.724 | 2430 | 2431 | 2438 | rVB4 | 555    | 607    | 0.05%  | 0.007% |

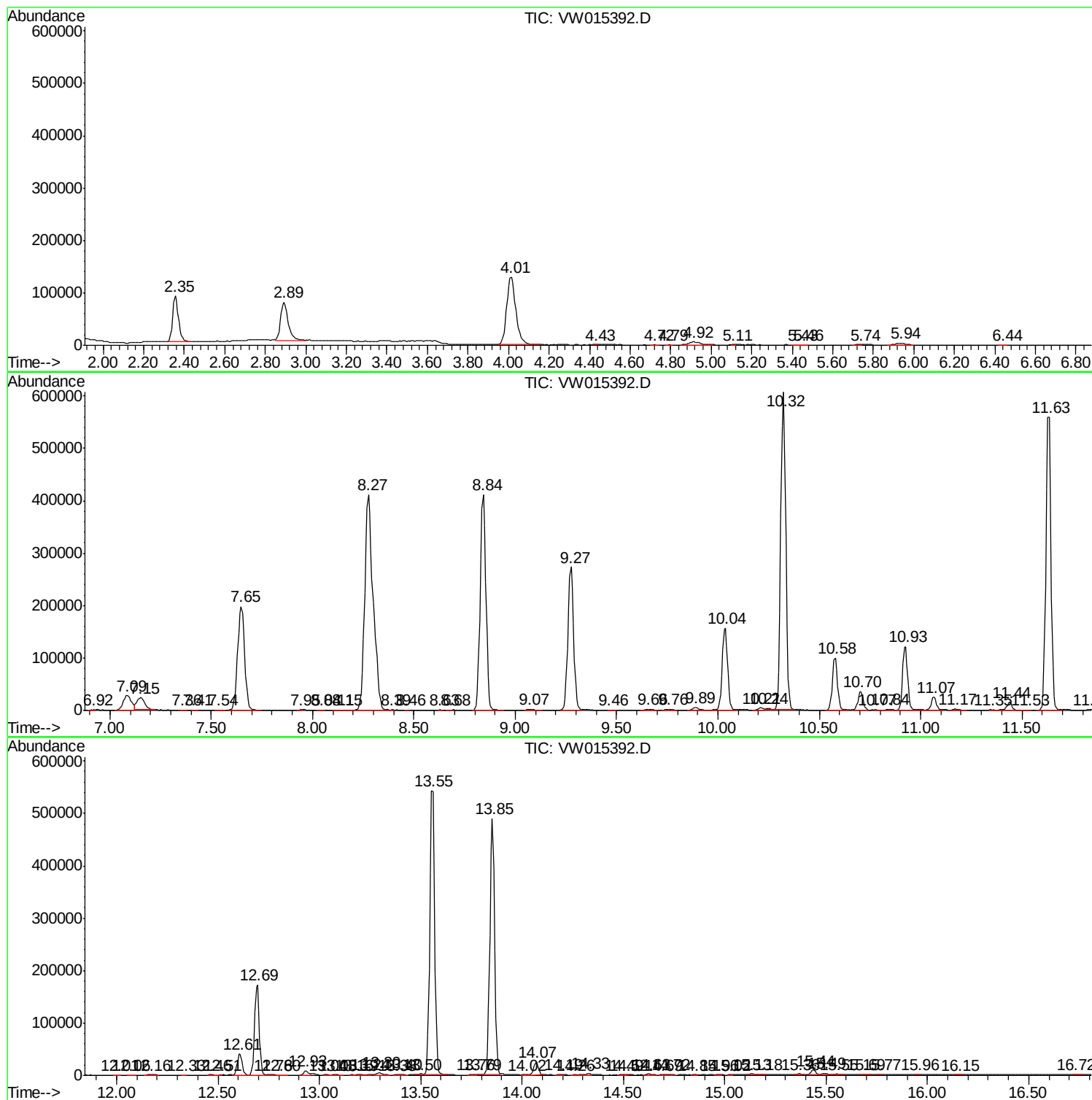
Sum of corrected areas: 9055233

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM050420S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW050520\  
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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        |