

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062618\  
 Data File : VW003570.D  
 Acq On : 26 Jun 2018 11:07  
 Operator : SY/AP  
 Sample : J3569-23  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK01

## 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\SOM2WLM062018S.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         | 1.746       | 18            | 26          | 28           | rBV      | 9451           | 15943         | 0.58%           | 0.140%        |
| 2         | 1.807       | 28            | 36          | 54           | rVB      | 1218744        | 2771649       | 100.00%         | 24.381%       |
| 3         | 2.160       | 88            | 94          | 99           | rBV      | 6910           | 16986         | 0.61%           | 0.149%        |
| 4         | 2.349       | 119           | 125         | 136          | rVB      | 77983          | 137032        | 4.94%           | 1.205%        |
| 5         | 2.886       | 207           | 213         | 225          | rVB      | 58141          | 132057        | 4.76%           | 1.162%        |
| 6         | 4.002       | 387           | 396         | 412          | rBV      | 125139         | 351322        | 12.68%          | 3.090%        |
| 7         | 4.233       | 432           | 434         | 437          | rBV3     | 435            | 342           | 0.01%           | 0.003%        |
| 8         | 4.904       | 533           | 544         | 559          | rBV2     | 13908          | 52139         | 1.88%           | 0.459%        |
| 9         | 5.111       | 576           | 578         | 580          | rBV      | 745            | 591           | 0.02%           | 0.005%        |
| 10        | 5.227       | 594           | 597         | 598          | rBV2     | 354            | 393           | 0.01%           | 0.003%        |
| 11        | 5.270       | 602           | 604         | 605          | rVV2     | 517            | 351           | 0.01%           | 0.003%        |
| 12        | 5.300       | 608           | 609         | 612          | rVB2     | 456            | 287           | 0.01%           | 0.003%        |
| 13        | 5.331       | 612           | 614         | 617          | rBV2     | 340            | 513           | 0.02%           | 0.005%        |
| 14        | 5.422       | 623           | 629         | 636          | rBV5     | 983            | 2330          | 0.08%           | 0.020%        |
| 15        | 5.635       | 659           | 664         | 665          | rBV2     | 238            | 300           | 0.01%           | 0.003%        |
| 16        | 5.678       | 669           | 671         | 673          | rVB      | 407            | 303           | 0.01%           | 0.003%        |
| 17        | 5.696       | 673           | 674         | 676          | rBV2     | 360            | 360           | 0.01%           | 0.003%        |
| 18        | 5.739       | 676           | 681         | 684          | rBV5     | 1283           | 2149          | 0.08%           | 0.019%        |
| 19        | 5.934       | 702           | 713         | 723          | rVV6     | 2844           | 9085          | 0.33%           | 0.080%        |
| 20        | 6.123       | 742           | 744         | 749          | rVB3     | 486            | 668           | 0.02%           | 0.006%        |
| 21        | 6.294       | 770           | 772         | 777          | rBV2     | 190            | 314           | 0.01%           | 0.003%        |
| 22        | 6.361       | 780           | 783         | 787          | rVB2     | 352            | 332           | 0.01%           | 0.003%        |
| 23        | 6.519       | 805           | 809         | 811          | rVB3     | 233            | 297           | 0.01%           | 0.003%        |
| 24        | 6.660       | 830           | 832         | 834          | rVB2     | 394            | 349           | 0.01%           | 0.003%        |
| 25        | 6.739       | 843           | 845         | 848          | rVB2     | 406            | 382           | 0.01%           | 0.003%        |
| 26        | 6.775       | 848           | 851         | 852          | rBV2     | 220            | 285           | 0.01%           | 0.003%        |
| 27        | 6.861       | 861           | 865         | 866          | rBV      | 337            | 386           | 0.01%           | 0.003%        |
| 28        | 6.928       | 872           | 876         | 879          | rBV5     | 524            | 787           | 0.03%           | 0.007%        |
| 29        | 6.983       | 881           | 885         | 887          | rBV      | 424            | 654           | 0.02%           | 0.006%        |
| 30        | 7.092       | 893           | 903         | 909          | rBV2     | 40113          | 124046        | 4.48%           | 1.091%        |
| 31        | 7.379       | 949           | 950         | 954          | rBV2     | 529            | 471           | 0.02%           | 0.004%        |
| 32        | 7.476       | 963           | 966         | 968          | rVB2     | 418            | 484           | 0.02%           | 0.004%        |
| 33        | 7.537       | 974           | 976         | 977          | rBV2     | 519            | 407           | 0.01%           | 0.004%        |
| 34        | 7.647       | 983           | 994         | 1012         | rVB      | 185800         | 459042        | 16.56%          | 4.038%        |

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 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 35 | 7.873  | 1027 | 1031 | 1032 | rBV3 | 566    | 670     | 0.02%  | 0.006% |
| 36 | 8.056  | 1059 | 1061 | 1062 | rBV2 | 405    | 381     | 0.01%  | 0.003% |
| 37 | 8.275  | 1085 | 1097 | 1113 | rBV2 | 361927 | 1125575 | 40.61% | 9.901% |
| 38 | 8.464  | 1126 | 1128 | 1131 | rBV3 | 323    | 394     | 0.01%  | 0.003% |
| 39 | 8.574  | 1144 | 1146 | 1148 | rVV  | 336    | 294     | 0.01%  | 0.003% |
| 40 | 8.635  | 1153 | 1156 | 1161 | rVV4 | 612    | 865     | 0.03%  | 0.008% |
| 41 | 8.690  | 1161 | 1165 | 1172 | rVB6 | 989    | 1872    | 0.07%  | 0.016% |
| 42 | 8.848  | 1182 | 1191 | 1204 | rBV  | 382629 | 764565  | 27.59% | 6.725% |
| 43 | 9.086  | 1224 | 1230 | 1238 | rVB8 | 3208   | 6305    | 0.23%  | 0.055% |
| 44 | 9.281  | 1252 | 1262 | 1278 | rBV  | 249430 | 520131  | 18.77% | 4.575% |
| 45 | 9.513  | 1298 | 1300 | 1304 | rVB3 | 474    | 413     | 0.01%  | 0.004% |
| 46 | 9.665  | 1320 | 1325 | 1331 | rVB5 | 1960   | 3674    | 0.13%  | 0.032% |
| 47 | 9.769  | 1334 | 1342 | 1347 | rVB7 | 2315   | 4940    | 0.18%  | 0.043% |
| 48 | 9.897  | 1355 | 1363 | 1369 | rVB2 | 6400   | 12592   | 0.45%  | 0.111% |
| 49 | 10.037 | 1375 | 1386 | 1396 | rBV  | 132477 | 241590  | 8.72%  | 2.125% |
| 50 | 10.214 | 1410 | 1415 | 1418 | rBV4 | 1298   | 2361    | 0.09%  | 0.021% |
| 51 | 10.330 | 1426 | 1434 | 1441 | rBV  | 493877 | 859705  | 31.02% | 7.562% |
| 52 | 10.580 | 1469 | 1475 | 1487 | rVB  | 91859  | 162595  | 5.87%  | 1.430% |
| 53 | 10.714 | 1490 | 1497 | 1504 | rVV  | 35299  | 63763   | 2.30%  | 0.561% |
| 54 | 10.787 | 1505 | 1509 | 1513 | rVB5 | 1564   | 2585    | 0.09%  | 0.023% |
| 55 | 10.854 | 1515 | 1520 | 1526 | rVB5 | 3331   | 5772    | 0.21%  | 0.051% |
| 56 | 10.933 | 1526 | 1533 | 1549 | rBV  | 177012 | 298529  | 10.77% | 2.626% |
| 57 | 11.073 | 1550 | 1556 | 1561 | rBV  | 21862  | 36315   | 1.31%  | 0.319% |
| 58 | 11.183 | 1569 | 1574 | 1580 | rVB6 | 4188   | 7558    | 0.27%  | 0.066% |
| 59 | 11.244 | 1580 | 1584 | 1586 | rVB4 | 647    | 909     | 0.03%  | 0.008% |
| 60 | 11.268 | 1586 | 1588 | 1589 | rBV2 | 514    | 380     | 0.01%  | 0.003% |
| 61 | 11.336 | 1596 | 1599 | 1600 | rBV3 | 649    | 682     | 0.02%  | 0.006% |
| 62 | 11.409 | 1607 | 1611 | 1613 | rBV4 | 2290   | 3651    | 0.13%  | 0.032% |
| 63 | 11.445 | 1614 | 1617 | 1625 | rVB3 | 7573   | 12342   | 0.45%  | 0.109% |
| 64 | 11.506 | 1625 | 1627 | 1631 | rBV3 | 311    | 354     | 0.01%  | 0.003% |
| 65 | 11.634 | 1640 | 1648 | 1658 | rBV  | 556807 | 946685  | 34.16% | 8.327% |
| 66 | 11.848 | 1677 | 1683 | 1686 | rBV4 | 2624   | 4367    | 0.16%  | 0.038% |
| 67 | 11.909 | 1691 | 1693 | 1697 | rVB  | 256    | 294     | 0.01%  | 0.003% |
| 68 | 12.110 | 1725 | 1726 | 1729 | rVB2 | 390    | 302     | 0.01%  | 0.003% |
| 69 | 12.177 | 1733 | 1737 | 1744 | rVB5 | 2701   | 4429    | 0.16%  | 0.039% |
| 70 | 12.476 | 1782 | 1786 | 1791 | rVV4 | 3324   | 5262    | 0.19%  | 0.046% |
| 71 | 12.543 | 1795 | 1797 | 1802 | rVB3 | 222    | 327     | 0.01%  | 0.003% |

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## 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\SOM2WLM062018S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 12.622 | 1802 | 1810 | 1815 | rBV2 | 14389  | 22779  | 0.82%  | 0.200% |
| 73  | 12.701 | 1815 | 1823 | 1831 | rBV  | 239175 | 393496 | 14.20% | 3.461% |
| 74  | 12.878 | 1848 | 1852 | 1853 | rBV3 | 629    | 507    | 0.02%  | 0.004% |
| 75  | 12.945 | 1855 | 1863 | 1867 | rVV4 | 3260   | 5358   | 0.19%  | 0.047% |
| 76  | 13.043 | 1876 | 1879 | 1882 | rVB4 | 826    | 965    | 0.03%  | 0.008% |
| 77  | 13.158 | 1893 | 1898 | 1900 | rBV4 | 520    | 893    | 0.03%  | 0.008% |
| 78  | 13.262 | 1911 | 1915 | 1917 | rBV3 | 630    | 909    | 0.03%  | 0.008% |
| 79  | 13.390 | 1933 | 1936 | 1937 | rBV2 | 498    | 479    | 0.02%  | 0.004% |
| 80  | 13.421 | 1937 | 1941 | 1945 | rVV2 | 1552   | 2216   | 0.08%  | 0.019% |
| 81  | 13.512 | 1949 | 1956 | 1958 | rBV7 | 2066   | 4200   | 0.15%  | 0.037% |
| 82  | 13.567 | 1958 | 1965 | 1977 | rVB  | 569995 | 903308 | 32.59% | 7.946% |
| 83  | 13.866 | 2006 | 2014 | 2020 | rBV  | 482028 | 807540 | 29.14% | 7.103% |
| 84  | 14.006 | 2034 | 2037 | 2038 | rBV2 | 568    | 654    | 0.02%  | 0.006% |
| 85  | 14.085 | 2045 | 2050 | 2056 | rVB  | 8628   | 13685  | 0.49%  | 0.120% |
| 86  | 14.268 | 2078 | 2080 | 2081 | rBV  | 407    | 309    | 0.01%  | 0.003% |
| 87  | 14.341 | 2088 | 2092 | 2095 | rVB6 | 1519   | 2246   | 0.08%  | 0.020% |
| 88  | 14.445 | 2107 | 2109 | 2111 | rBV2 | 362    | 387    | 0.01%  | 0.003% |
| 89  | 14.500 | 2116 | 2118 | 2120 | rVB2 | 555    | 351    | 0.01%  | 0.003% |
| 90  | 14.530 | 2121 | 2123 | 2124 | rBV2 | 563    | 396    | 0.01%  | 0.003% |
| 91  | 14.640 | 2134 | 2141 | 2145 | rVB6 | 1895   | 3160   | 0.11%  | 0.028% |
| 92  | 14.676 | 2145 | 2147 | 2150 | rBV3 | 439    | 533    | 0.02%  | 0.005% |
| 93  | 14.719 | 2150 | 2154 | 2155 | rBV2 | 592    | 709    | 0.03%  | 0.006% |
| 94  | 14.847 | 2173 | 2175 | 2179 | rBV2 | 371    | 407    | 0.01%  | 0.004% |
| 95  | 15.115 | 2217 | 2219 | 2220 | rVB2 | 644    | 379    | 0.01%  | 0.003% |
| 96  | 15.146 | 2220 | 2224 | 2228 | rBV4 | 1915   | 2986   | 0.11%  | 0.026% |
| 97  | 15.256 | 2241 | 2242 | 2244 | rVB3 | 614    | 387    | 0.01%  | 0.003% |
| 98  | 15.451 | 2269 | 2274 | 2279 | rBV2 | 3675   | 5694   | 0.21%  | 0.050% |
| 99  | 15.518 | 2280 | 2285 | 2290 | rVB  | 3432   | 5814   | 0.21%  | 0.051% |
| 100 | 16.243 | 2402 | 2404 | 2409 | rVB5 | 877    | 1065   | 0.04%  | 0.009% |

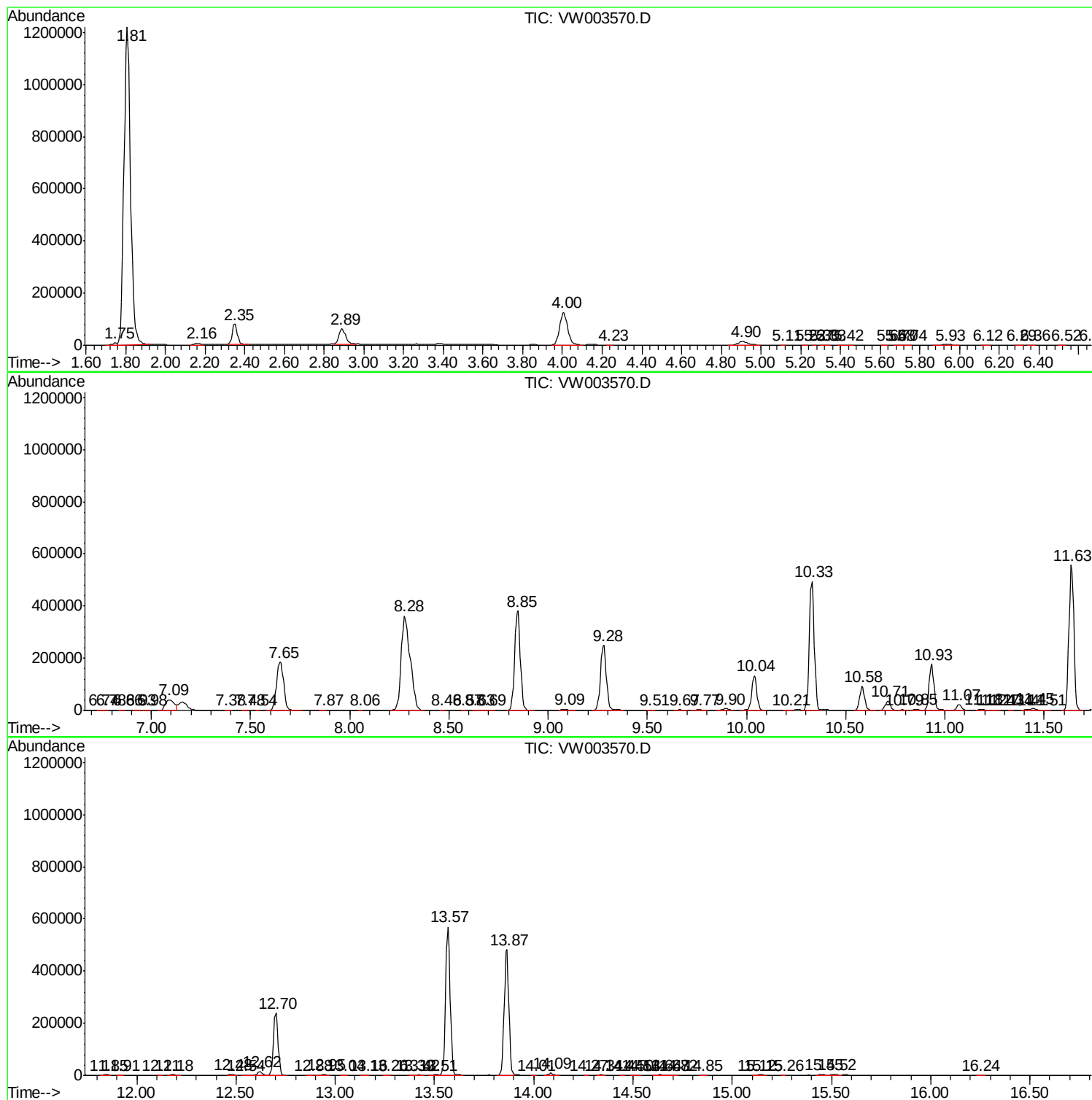
Sum of corrected areas: 11368276

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM062018S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW062618\  
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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          |