

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW100318\  
 Data File : VW005807.D  
 Acq On : 03 Oct 2018 11:51  
 Operator : SY/AP  
 Sample : VW1003SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK87

## 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\SOM2WLM092818S.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      | 54103          | 110582        | 11.62%          | 1.586%        |
| 2         | 2.891       | 156           | 162         | 174          | rBV      | 35719          | 93889         | 9.87%           | 1.347%        |
| 3         | 3.733       | 298           | 300         | 302          | rBV      | 458            | 317           | 0.03%           | 0.005%        |
| 4         | 4.007       | 335           | 345         | 362          | rBV      | 103501         | 309809        | 32.56%          | 4.444%        |
| 5         | 4.275       | 388           | 389         | 392          | rVB      | 326            | 238           | 0.03%           | 0.003%        |
| 6         | 4.470       | 419           | 421         | 423          | rBV2     | 449            | 580           | 0.06%           | 0.008%        |
| 7         | 4.623       | 445           | 446         | 450          | rVB2     | 340            | 329           | 0.03%           | 0.005%        |
| 8         | 4.665       | 450           | 453         | 454          | rBV3     | 284            | 363           | 0.04%           | 0.005%        |
| 9         | 4.684       | 454           | 456         | 459          | rBV3     | 282            | 319           | 0.03%           | 0.005%        |
| 10        | 4.824       | 477           | 479         | 481          | rBV2     | 221            | 263           | 0.03%           | 0.004%        |
| 11        | 4.909       | 483           | 493         | 513          | rVV2     | 23368          | 84283         | 8.86%           | 1.209%        |
| 12        | 5.519       | 591           | 593         | 598          | rVB3     | 230            | 295           | 0.03%           | 0.004%        |
| 13        | 5.751       | 624           | 631         | 635          | rVV5     | 1181           | 2870          | 0.30%           | 0.041%        |
| 14        | 5.879       | 648           | 652         | 653          | rBV2     | 204            | 238           | 0.03%           | 0.003%        |
| 15        | 5.940       | 654           | 662         | 672          | rVB5     | 3600           | 10827         | 1.14%           | 0.155%        |
| 16        | 6.049       | 677           | 680         | 681          | rBV      | 312            | 248           | 0.03%           | 0.004%        |
| 17        | 6.092       | 686           | 687         | 689          | rBV      | 226            | 217           | 0.02%           | 0.003%        |
| 18        | 6.129       | 692           | 693         | 697          | rBV2     | 387            | 309           | 0.03%           | 0.004%        |
| 19        | 6.385       | 732           | 735         | 738          | rVB2     | 295            | 327           | 0.03%           | 0.005%        |
| 20        | 6.805       | 799           | 804         | 807          | rBV3     | 263            | 376           | 0.04%           | 0.005%        |
| 21        | 6.885       | 816           | 817         | 820          | rBV2     | 200            | 229           | 0.02%           | 0.003%        |
| 22        | 6.964       | 827           | 830         | 831          | rBV2     | 247            | 297           | 0.03%           | 0.004%        |
| 23        | 7.092       | 839           | 851         | 856          | rBV2     | 31266          | 90238         | 9.48%           | 1.294%        |
| 24        | 7.263       | 877           | 879         | 880          | rBV      | 456            | 334           | 0.04%           | 0.005%        |
| 25        | 7.519       | 918           | 921         | 922          | rBV2     | 451            | 454           | 0.05%           | 0.007%        |
| 26        | 7.543       | 923           | 925         | 929          | rVV3     | 759            | 827           | 0.09%           | 0.012%        |
| 27        | 7.647       | 932           | 942         | 954          | rVV      | 153172         | 371458        | 39.04%          | 5.328%        |
| 28        | 7.781       | 960           | 964         | 966          | rBV3     | 301            | 416           | 0.04%           | 0.006%        |
| 29        | 7.817       | 969           | 970         | 974          | rVB2     | 211            | 232           | 0.02%           | 0.003%        |
| 30        | 7.897       | 978           | 983         | 984          | rBV2     | 284            | 264           | 0.03%           | 0.004%        |
| 31        | 7.927       | 985           | 988         | 989          | rVB2     | 340            | 243           | 0.03%           | 0.003%        |
| 32        | 7.945       | 989           | 991         | 994          | rBV3     | 286            | 300           | 0.03%           | 0.004%        |
| 33        | 8.067       | 1009          | 1011        | 1012         | rBV2     | 257            | 248           | 0.03%           | 0.004%        |
| 34        | 8.275       | 1032          | 1045        | 1060         | rVV3     | 302599         | 951466        | 100.00%         | 13.648%       |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 8.768  | 1124 | 1126 | 1129 | rVB  | 331    | 256    | 0.03%  | 0.004%  |
| 36 | 8.848  | 1129 | 1139 | 1150 | rBV  | 294130 | 585661 | 61.55% | 8.401%  |
| 37 | 9.000  | 1162 | 1164 | 1169 | rBV2 | 249    | 296    | 0.03%  | 0.004%  |
| 38 | 9.079  | 1169 | 1177 | 1184 | rBV6 | 2258   | 4926   | 0.52%  | 0.071%  |
| 39 | 9.281  | 1201 | 1210 | 1220 | rBV  | 193823 | 399181 | 41.95% | 5.726%  |
| 40 | 9.457  | 1236 | 1239 | 1240 | rBV2 | 290    | 286    | 0.03%  | 0.004%  |
| 41 | 9.476  | 1240 | 1242 | 1247 | rVV3 | 506    | 502    | 0.05%  | 0.007%  |
| 42 | 9.567  | 1254 | 1257 | 1258 | rBV2 | 249    | 215    | 0.02%  | 0.003%  |
| 43 | 9.665  | 1267 | 1273 | 1278 | rVV3 | 1488   | 2884   | 0.30%  | 0.041%  |
| 44 | 9.762  | 1284 | 1289 | 1294 | rVB4 | 2340   | 4390   | 0.46%  | 0.063%  |
| 45 | 9.896  | 1305 | 1311 | 1317 | rVB2 | 6645   | 14120  | 1.48%  | 0.203%  |
| 46 | 9.963  | 1317 | 1322 | 1323 | rBV3 | 396    | 436    | 0.05%  | 0.006%  |
| 47 | 10.036 | 1323 | 1334 | 1342 | rBV  | 103851 | 185585 | 19.51% | 2.662%  |
| 48 | 10.219 | 1358 | 1364 | 1365 | rBV2 | 1328   | 2011   | 0.21%  | 0.029%  |
| 49 | 10.329 | 1374 | 1382 | 1390 | rBV  | 412353 | 713949 | 75.04% | 10.241% |
| 50 | 10.579 | 1416 | 1423 | 1431 | rBV  | 73751  | 128963 | 13.55% | 1.850%  |
| 51 | 10.707 | 1438 | 1444 | 1452 | rVB  | 34003  | 60916  | 6.40%  | 0.874%  |
| 52 | 10.780 | 1452 | 1456 | 1460 | rVB4 | 1102   | 1349   | 0.14%  | 0.019%  |
| 53 | 10.853 | 1463 | 1468 | 1473 | rVB4 | 2328   | 3586   | 0.38%  | 0.051%  |
| 54 | 10.933 | 1473 | 1481 | 1494 | rBV  | 136491 | 229412 | 24.11% | 3.291%  |
| 55 | 11.067 | 1498 | 1503 | 1513 | rVB  | 29476  | 49779  | 5.23%  | 0.714%  |
| 56 | 11.183 | 1517 | 1522 | 1528 | rVB4 | 3149   | 5371   | 0.56%  | 0.077%  |
| 57 | 11.445 | 1555 | 1565 | 1571 | rVV2 | 21924  | 37386  | 3.93%  | 0.536%  |
| 58 | 11.634 | 1589 | 1596 | 1605 | rBV  | 438373 | 737238 | 77.48% | 10.575% |
| 59 | 11.731 | 1610 | 1612 | 1617 | rVB3 | 769    | 944    | 0.10%  | 0.014%  |
| 60 | 11.847 | 1626 | 1631 | 1635 | rBV3 | 1086   | 1489   | 0.16%  | 0.021%  |
| 61 | 11.878 | 1635 | 1636 | 1639 | rVB2 | 271    | 247    | 0.03%  | 0.004%  |
| 62 | 11.969 | 1648 | 1651 | 1652 | rBV  | 442    | 461    | 0.05%  | 0.007%  |
| 63 | 12.030 | 1660 | 1661 | 1667 | rBV2 | 354    | 490    | 0.05%  | 0.007%  |
| 64 | 12.182 | 1678 | 1686 | 1693 | rBV4 | 1181   | 2212   | 0.23%  | 0.032%  |
| 65 | 12.365 | 1712 | 1716 | 1718 | rVV2 | 279    | 345    | 0.04%  | 0.005%  |
| 66 | 12.420 | 1721 | 1725 | 1727 | rVB3 | 233    | 319    | 0.03%  | 0.005%  |
| 67 | 12.475 | 1730 | 1734 | 1739 | rBV4 | 1414   | 2225   | 0.23%  | 0.032%  |
| 68 | 12.615 | 1750 | 1757 | 1763 | rVV  | 35117  | 57641  | 6.06%  | 0.827%  |
| 69 | 12.701 | 1764 | 1771 | 1778 | rVV  | 182717 | 305343 | 32.09% | 4.380%  |
| 70 | 12.768 | 1778 | 1782 | 1786 | rVV3 | 566    | 1086   | 0.11%  | 0.016%  |
| 71 | 12.877 | 1797 | 1800 | 1801 | rBV2 | 672    | 529    | 0.06%  | 0.008%  |

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Filtering: 5  
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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\SOM2WLM092818S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 12.938 | 1805 | 1810 | 1816 | rBV2 | 7614   | 11928  | 1.25%  | 0.171% |
| 73  | 13.042 | 1823 | 1827 | 1832 | rVB5 | 744    | 994    | 0.10%  | 0.014% |
| 74  | 13.140 | 1840 | 1843 | 1846 | rBV  | 228    | 343    | 0.04%  | 0.005% |
| 75  | 13.201 | 1850 | 1853 | 1856 | rVV3 | 597    | 606    | 0.06%  | 0.009% |
| 76  | 13.231 | 1856 | 1858 | 1859 | rVV  | 377    | 244    | 0.03%  | 0.003% |
| 77  | 13.261 | 1862 | 1863 | 1865 | rVV  | 391    | 371    | 0.04%  | 0.005% |
| 78  | 13.304 | 1865 | 1870 | 1878 | rVB2 | 4788   | 7657   | 0.80%  | 0.110% |
| 79  | 13.414 | 1884 | 1888 | 1893 | rBV3 | 891    | 1400   | 0.15%  | 0.020% |
| 80  | 13.481 | 1895 | 1899 | 1900 | rBV3 | 992    | 1253   | 0.13%  | 0.018% |
| 81  | 13.566 | 1906 | 1913 | 1920 | rBV  | 430460 | 676700 | 71.12% | 9.706% |
| 82  | 13.774 | 1943 | 1947 | 1950 | rBV3 | 1395   | 2243   | 0.24%  | 0.032% |
| 83  | 13.859 | 1954 | 1961 | 1968 | rBV  | 383592 | 646216 | 67.92% | 9.269% |
| 84  | 14.085 | 1992 | 1998 | 2008 | rVB  | 15558  | 25326  | 2.66%  | 0.363% |
| 85  | 14.304 | 2032 | 2034 | 2035 | rBV2 | 733    | 657    | 0.07%  | 0.009% |
| 86  | 14.432 | 2052 | 2055 | 2060 | rVB4 | 1378   | 2029   | 0.21%  | 0.029% |
| 87  | 14.633 | 2085 | 2088 | 2093 | rBV3 | 1028   | 1450   | 0.15%  | 0.021% |
| 88  | 14.743 | 2101 | 2106 | 2109 | rBV3 | 1197   | 1791   | 0.19%  | 0.026% |
| 89  | 14.853 | 2122 | 2124 | 2129 | rVB3 | 424    | 447    | 0.05%  | 0.006% |
| 90  | 14.962 | 2139 | 2142 | 2143 | rBV  | 459    | 490    | 0.05%  | 0.007% |
| 91  | 14.993 | 2145 | 2147 | 2149 | rVB  | 379    | 254    | 0.03%  | 0.004% |
| 92  | 15.139 | 2169 | 2171 | 2178 | rVB6 | 1078   | 1526   | 0.16%  | 0.022% |
| 93  | 15.383 | 2208 | 2211 | 2215 | rVB4 | 924    | 1298   | 0.14%  | 0.019% |
| 94  | 15.444 | 2219 | 2221 | 2222 | rBV  | 1323   | 956    | 0.10%  | 0.014% |
| 95  | 15.511 | 2228 | 2232 | 2237 | rVB  | 4780   | 7222   | 0.76%  | 0.104% |
| 96  | 15.627 | 2248 | 2251 | 2254 | rBV3 | 497    | 871    | 0.09%  | 0.012% |
| 97  | 15.810 | 2279 | 2281 | 2282 | rBV2 | 827    | 550    | 0.06%  | 0.008% |
| 98  | 15.981 | 2307 | 2309 | 2313 | rVB4 | 667    | 566    | 0.06%  | 0.008% |
| 99  | 16.456 | 2385 | 2387 | 2388 | rBV2 | 538    | 276    | 0.03%  | 0.004% |
| 100 | 16.493 | 2392 | 2393 | 2395 | rVV  | 503    | 285    | 0.03%  | 0.004% |

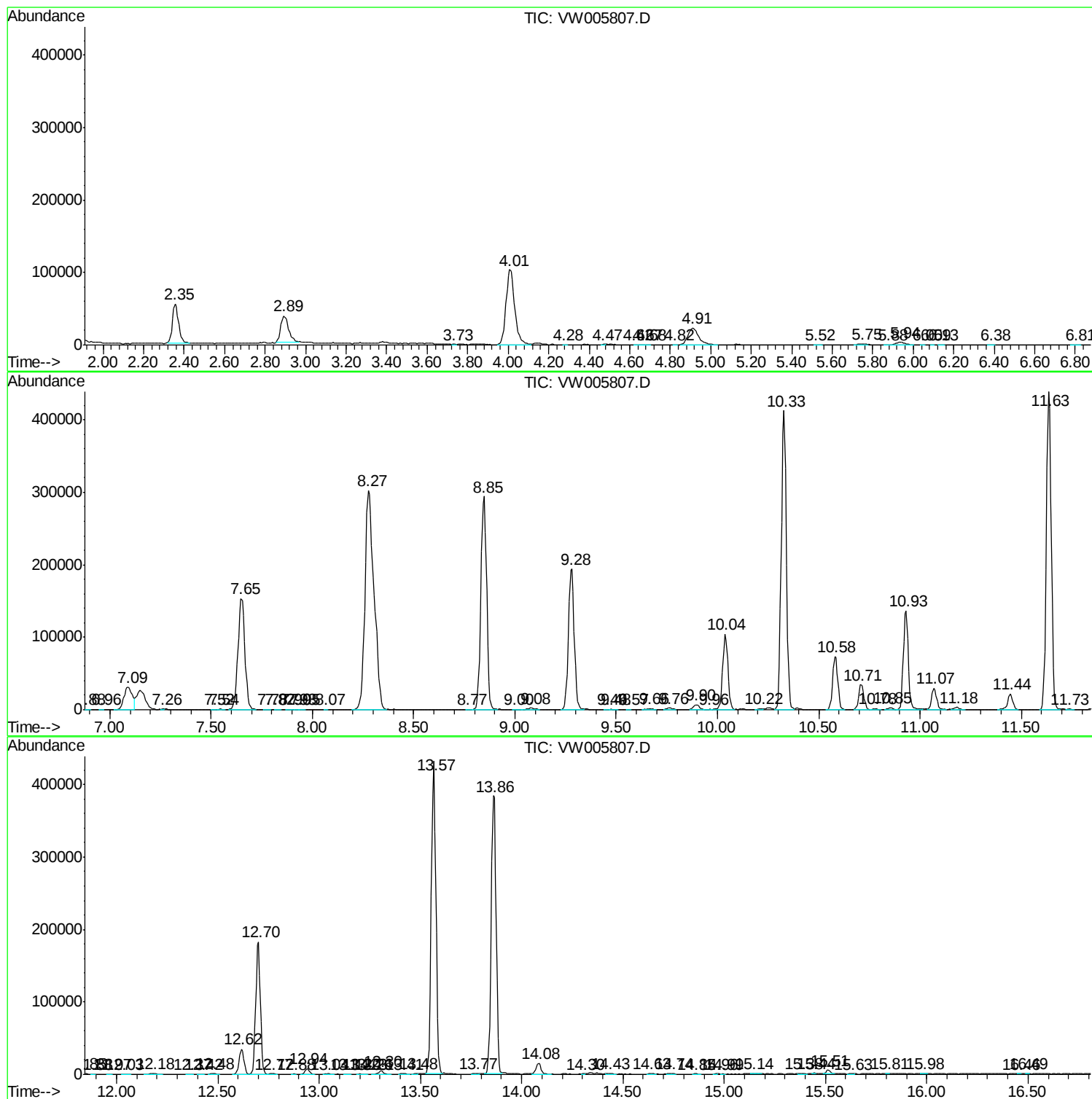
Sum of corrected areas: 6971663

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW100318\  
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |