

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092818\  
 Data File : VW005727.D  
 Acq On : 28 Sep 2018 18:34  
 Operator : SY/AP  
 Sample : J5011-08  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK02

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.154    | 38         | 41       | 45        | rBV3  | 1283        | 1833       | 0.21%        | 0.027%     |
| 2      | 2.355    | 68         | 74       | 87        | rVB   | 51386       | 112752     | 12.92%       | 1.643%     |
| 3      | 2.605    | 113        | 115      | 119       | rVB3  | 952         | 705        | 0.08%        | 0.010%     |
| 4      | 2.891    | 155        | 162      | 176       | rVB   | 34040       | 93726      | 10.74%       | 1.366%     |
| 5      | 3.391    | 239        | 244      | 248       | rVB5  | 2551        | 4698       | 0.54%        | 0.068%     |
| 6      | 3.556    | 269        | 271      | 272       | rBV2  | 641         | 397        | 0.05%        | 0.006%     |
| 7      | 3.708    | 295        | 296      | 300       | rVB2  | 346         | 457        | 0.05%        | 0.007%     |
| 8      | 3.830    | 314        | 316      | 317       | rBV   | 748         | 702        | 0.08%        | 0.010%     |
| 9      | 3.855    | 318        | 320      | 329       | rVV4  | 1193        | 2728       | 0.31%        | 0.040%     |
| 10     | 4.013    | 334        | 346      | 361       | rVV2  | 98505       | 299431     | 34.31%       | 4.364%     |
| 11     | 4.135    | 364        | 366      | 374       | rVV5  | 2312        | 5466       | 0.63%        | 0.080%     |
| 12     | 4.428    | 409        | 414      | 415       | rBV2  | 501         | 805        | 0.09%        | 0.012%     |
| 13     | 4.489    | 422        | 424      | 427       | rVB2  | 357         | 376        | 0.04%        | 0.005%     |
| 14     | 4.678    | 451        | 455      | 457       | rBV3  | 498         | 879        | 0.10%        | 0.013%     |
| 15     | 4.915    | 485        | 494      | 507       | rVV8  | 5823        | 23844      | 2.73%        | 0.348%     |
| 16     | 5.111    | 521        | 526      | 528       | rBV3  | 497         | 724        | 0.08%        | 0.011%     |
| 17     | 5.763    | 623        | 633      | 640       | rVB5  | 1527        | 4546       | 0.52%        | 0.066%     |
| 18     | 5.921    | 652        | 659      | 661       | rBV4  | 1709        | 2652       | 0.30%        | 0.039%     |
| 19     | 5.940    | 661        | 662      | 671       | rVB4  | 2370        | 3495       | 0.40%        | 0.051%     |
| 20     | 7.092    | 840        | 851      | 855       | rBV2  | 33389       | 91631      | 10.50%       | 1.336%     |
| 21     | 7.525    | 916        | 922      | 924       | rBV2  | 507         | 841        | 0.10%        | 0.012%     |
| 22     | 7.653    | 932        | 943      | 956       | rVV   | 147585      | 342520     | 39.25%       | 4.992%     |
| 23     | 7.933    | 985        | 989      | 991       | rBV3  | 277         | 409        | 0.05%        | 0.006%     |
| 24     | 8.043    | 1004       | 1007     | 1010      | rBV2  | 368         | 555        | 0.06%        | 0.008%     |
| 25     | 8.165    | 1021       | 1027     | 1031      | rVB4  | 668         | 911        | 0.10%        | 0.013%     |
| 26     | 8.281    | 1031       | 1046     | 1062      | rBV2  | 286045      | 872771     | 100.00%      | 12.721%    |
| 27     | 8.482    | 1075       | 1079     | 1082      | rVV3  | 388         | 687        | 0.08%        | 0.010%     |
| 28     | 8.848    | 1130       | 1139     | 1149      | rBV   | 284522      | 562905     | 64.50%       | 8.204%     |
| 29     | 9.043    | 1169       | 1171     | 1172      | rBV   | 544         | 459        | 0.05%        | 0.007%     |
| 30     | 9.085    | 1172       | 1178     | 1182      | rVB5  | 1386        | 2877       | 0.33%        | 0.042%     |
| 31     | 9.281    | 1201       | 1210     | 1225      | rBV   | 182333      | 370443     | 42.44%       | 5.399%     |
| 32     | 9.384    | 1225       | 1227     | 1232      | rVV3  | 758         | 1235       | 0.14%        | 0.018%     |
| 33     | 9.476    | 1235       | 1242     | 1246      | rBV4  | 1255        | 2593       | 0.30%        | 0.038%     |
| 34     | 9.671    | 1270       | 1274     | 1279      | rVB3  | 824         | 1347       | 0.15%        | 0.020%     |

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

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 9.762  | 1282 | 1289 | 1297 | rBV3 | 9243   | 17666  | 2.02%  | 0.257%  |
| 36 | 9.896  | 1303 | 1311 | 1321 | rBV2 | 26989  | 55371  | 6.34%  | 0.807%  |
| 37 | 10.036 | 1323 | 1334 | 1341 | rBV  | 100849 | 183888 | 21.07% | 2.680%  |
| 38 | 10.213 | 1360 | 1363 | 1364 | rVV  | 1171   | 1306   | 0.15%  | 0.019%  |
| 39 | 10.256 | 1364 | 1370 | 1375 | rVV2 | 11270  | 20123  | 2.31%  | 0.293%  |
| 40 | 10.329 | 1375 | 1382 | 1390 | rVV  | 401495 | 693836 | 79.50% | 10.113% |
| 41 | 10.384 | 1390 | 1391 | 1398 | rVB4 | 1882   | 3061   | 0.35%  | 0.045%  |
| 42 | 10.506 | 1407 | 1411 | 1417 | rBV3 | 570    | 1148   | 0.13%  | 0.017%  |
| 43 | 10.579 | 1417 | 1423 | 1432 | rVV  | 74046  | 126898 | 14.54% | 1.850%  |
| 44 | 10.713 | 1437 | 1445 | 1451 | rVV  | 41833  | 74727  | 8.56%  | 1.089%  |
| 45 | 10.780 | 1451 | 1456 | 1463 | rVV6 | 2805   | 5249   | 0.60%  | 0.077%  |
| 46 | 10.847 | 1463 | 1467 | 1473 | rVV3 | 2250   | 3696   | 0.42%  | 0.054%  |
| 47 | 10.933 | 1473 | 1481 | 1494 | rVV  | 136364 | 235114 | 26.94% | 3.427%  |
| 48 | 11.067 | 1494 | 1503 | 1514 | rVB  | 36155  | 61514  | 7.05%  | 0.897%  |
| 49 | 11.183 | 1516 | 1522 | 1529 | rVB6 | 3289   | 5598   | 0.64%  | 0.082%  |
| 50 | 11.341 | 1542 | 1548 | 1550 | rBV3 | 694    | 1204   | 0.14%  | 0.018%  |
| 51 | 11.445 | 1560 | 1565 | 1573 | rVB2 | 25763  | 43202  | 4.95%  | 0.630%  |
| 52 | 11.634 | 1586 | 1596 | 1605 | rBV  | 414288 | 713030 | 81.70% | 10.393% |
| 53 | 11.841 | 1624 | 1630 | 1633 | rBV3 | 989    | 1349   | 0.15%  | 0.020%  |
| 54 | 11.878 | 1633 | 1636 | 1639 | rVV3 | 887    | 1424   | 0.16%  | 0.021%  |
| 55 | 11.932 | 1642 | 1645 | 1646 | rBV2 | 382    | 414    | 0.05%  | 0.006%  |
| 56 | 11.981 | 1646 | 1653 | 1655 | rBV2 | 300    | 558    | 0.06%  | 0.008%  |
| 57 | 12.073 | 1667 | 1668 | 1671 | rVV2 | 352    | 369    | 0.04%  | 0.005%  |
| 58 | 12.170 | 1682 | 1684 | 1690 | rVB4 | 783    | 1275   | 0.15%  | 0.019%  |
| 59 | 12.262 | 1697 | 1699 | 1703 | rVB2 | 360    | 383    | 0.04%  | 0.006%  |
| 60 | 12.481 | 1729 | 1735 | 1738 | rVV5 | 1563   | 2552   | 0.29%  | 0.037%  |
| 61 | 12.615 | 1750 | 1757 | 1764 | rVV  | 41636  | 65389  | 7.49%  | 0.953%  |
| 62 | 12.695 | 1764 | 1770 | 1778 | rVV  | 177282 | 300121 | 34.39% | 4.374%  |
| 63 | 12.762 | 1778 | 1781 | 1787 | rVB2 | 891    | 1511   | 0.17%  | 0.022%  |
| 64 | 12.938 | 1803 | 1810 | 1817 | rBV  | 11829  | 17804  | 2.04%  | 0.259%  |
| 65 | 13.042 | 1823 | 1827 | 1831 | rBV4 | 1154   | 2256   | 0.26%  | 0.033%  |
| 66 | 13.085 | 1831 | 1834 | 1839 | rVB5 | 958    | 1470   | 0.17%  | 0.021%  |
| 67 | 13.176 | 1846 | 1849 | 1850 | rBV  | 381    | 468    | 0.05%  | 0.007%  |
| 68 | 13.207 | 1850 | 1854 | 1856 | rVB3 | 912    | 1040   | 0.12%  | 0.015%  |
| 69 | 13.304 | 1863 | 1870 | 1879 | rVB2 | 6464   | 10594  | 1.21%  | 0.154%  |
| 70 | 13.414 | 1879 | 1888 | 1893 | rBV5 | 2494   | 4155   | 0.48%  | 0.061%  |
| 71 | 13.481 | 1894 | 1899 | 1901 | rBV4 | 2050   | 2671   | 0.31%  | 0.039%  |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 13.511 | 1901 | 1904 | 1906 | rBV4 | 1046   | 1304   | 0.15%  | 0.019%  |
| 73  | 13.566 | 1906 | 1913 | 1919 | rBV  | 436001 | 691193 | 79.20% | 10.074% |
| 74  | 13.774 | 1941 | 1947 | 1950 | rBV2 | 2244   | 4169   | 0.48%  | 0.061%  |
| 75  | 13.859 | 1954 | 1961 | 1968 | rBV  | 390479 | 634504 | 72.70% | 9.248%  |
| 76  | 13.963 | 1975 | 1978 | 1983 | rVB4 | 1348   | 1947   | 0.22%  | 0.028%  |
| 77  | 14.024 | 1985 | 1988 | 1991 | rVV4 | 980    | 1289   | 0.15%  | 0.019%  |
| 78  | 14.085 | 1993 | 1998 | 2005 | rVB2 | 12559  | 20840  | 2.39%  | 0.304%  |
| 79  | 14.146 | 2005 | 2008 | 2009 | rBV3 | 530    | 510    | 0.06%  | 0.007%  |
| 80  | 14.206 | 2014 | 2018 | 2021 | rBV2 | 244    | 391    | 0.04%  | 0.006%  |
| 81  | 14.341 | 2032 | 2040 | 2043 | rBV4 | 3322   | 6495   | 0.74%  | 0.095%  |
| 82  | 14.463 | 2057 | 2060 | 2065 | rVB4 | 329    | 436    | 0.05%  | 0.006%  |
| 83  | 14.530 | 2065 | 2071 | 2075 | rBV4 | 895    | 1398   | 0.16%  | 0.020%  |
| 84  | 14.633 | 2084 | 2088 | 2089 | rBV3 | 777    | 916    | 0.10%  | 0.013%  |
| 85  | 14.700 | 2097 | 2099 | 2101 | rBV  | 552    | 622    | 0.07%  | 0.009%  |
| 86  | 14.737 | 2101 | 2105 | 2110 | rVB4 | 1654   | 2471   | 0.28%  | 0.036%  |
| 87  | 14.938 | 2134 | 2138 | 2141 | rVB4 | 352    | 599    | 0.07%  | 0.009%  |
| 88  | 14.981 | 2141 | 2145 | 2147 | rBV3 | 521    | 641    | 0.07%  | 0.009%  |
| 89  | 15.182 | 2175 | 2178 | 2179 | rBV2 | 767    | 692    | 0.08%  | 0.010%  |
| 90  | 15.371 | 2205 | 2209 | 2213 | rBV3 | 655    | 1003   | 0.11%  | 0.015%  |
| 91  | 15.407 | 2213 | 2215 | 2217 | rBV2 | 552    | 564    | 0.06%  | 0.008%  |
| 92  | 15.444 | 2217 | 2221 | 2227 | rVB3 | 3104   | 5099   | 0.58%  | 0.074%  |
| 93  | 15.511 | 2227 | 2232 | 2237 | rVB  | 2688   | 4444   | 0.51%  | 0.065%  |
| 94  | 15.554 | 2237 | 2239 | 2240 | rBV2 | 393    | 422    | 0.05%  | 0.006%  |
| 95  | 15.706 | 2257 | 2264 | 2267 | rBV4 | 560    | 1252   | 0.14%  | 0.018%  |
| 96  | 15.810 | 2278 | 2281 | 2283 | rBV4 | 678    | 688    | 0.08%  | 0.010%  |
| 97  | 15.950 | 2303 | 2304 | 2309 | rVB4 | 447    | 526    | 0.06%  | 0.008%  |
| 98  | 16.054 | 2319 | 2321 | 2323 | rBV3 | 449    | 456    | 0.05%  | 0.007%  |
| 99  | 16.218 | 2346 | 2348 | 2351 | rVB3 | 525    | 599    | 0.07%  | 0.009%  |
| 100 | 16.249 | 2351 | 2353 | 2356 | rBV3 | 535    | 675    | 0.08%  | 0.010%  |

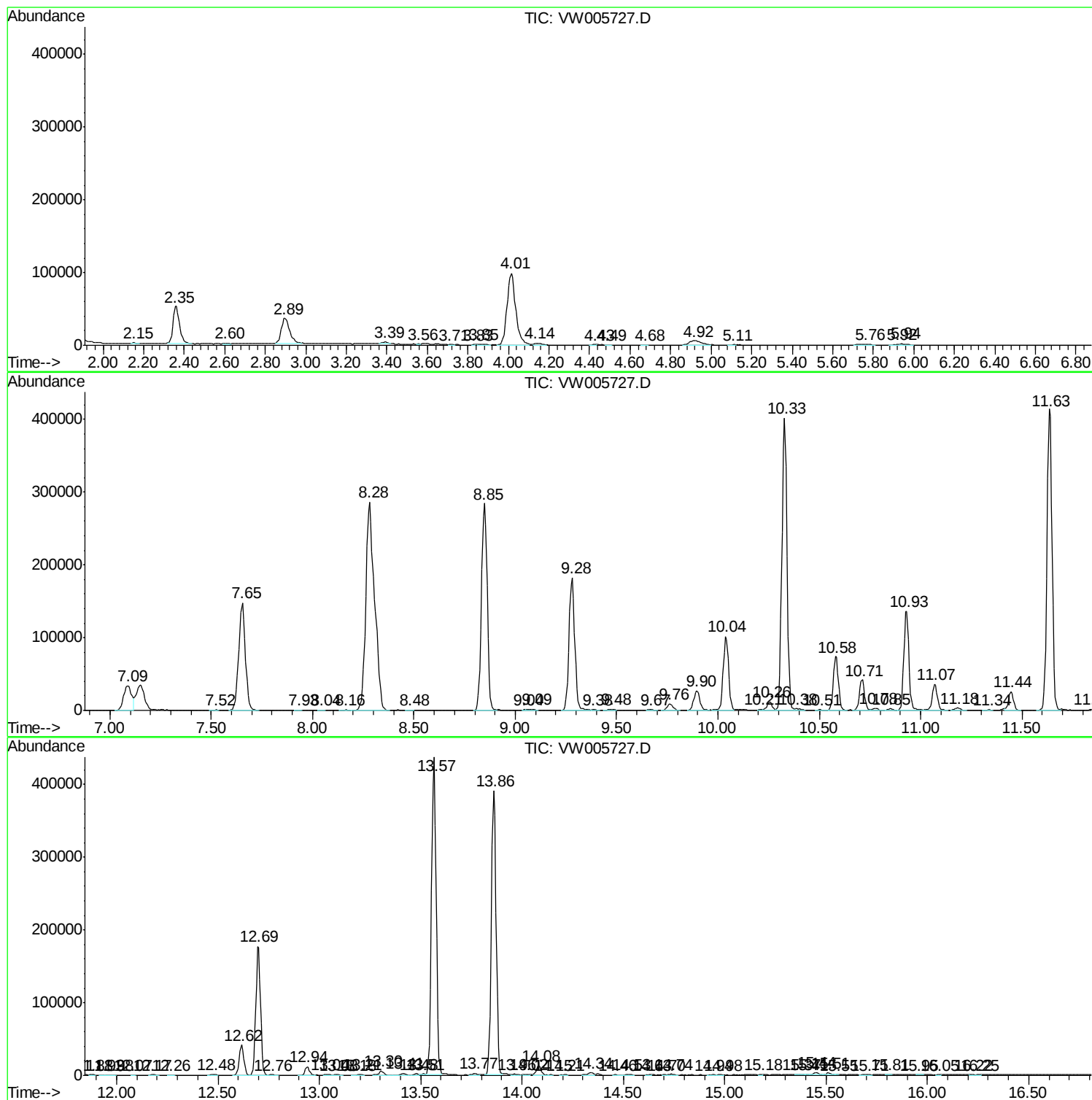
Sum of corrected areas: 6860979

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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:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW092818\  
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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        |