

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080918\  
 Data File : VW004530.D  
 Acq On : 08 Aug 2018 14:19  
 Operator : SY/AP  
 Sample : J4261-20  
 Misc : 5.00G/10ML/MSVOA W/SOIL  
 ALS Vial : 2 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\SOM2WLM080218S.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         | 1.752       | 18            | 27          | 29           | rBV      | 41266          | 81730         | 1.89%           | 0.302%        |
| 2         | 1.819       | 29            | 38          | 58           | rVB      | 1680452        | 4327055       | 100.00%         | 15.988%       |
| 3         | 2.355       | 120           | 126         | 139          | rBV      | 136586         | 309280        | 7.15%           | 1.143%        |
| 4         | 2.892       | 208           | 214         | 230          | rVB      | 104809         | 292872        | 6.77%           | 1.082%        |
| 5         | 3.855       | 365           | 372         | 376          | rBV8     | 3196           | 8831          | 0.20%           | 0.033%        |
| 6         | 4.013       | 387           | 398         | 413          | rBV      | 236680         | 821903        | 18.99%          | 3.037%        |
| 7         | 4.343       | 450           | 452         | 453          | rBV2     | 1735           | 1409          | 0.03%           | 0.005%        |
| 8         | 4.398       | 456           | 461         | 469          | rVB7     | 3358           | 9986          | 0.23%           | 0.037%        |
| 9         | 4.532       | 482           | 483         | 486          | rBV3     | 1009           | 1169          | 0.03%           | 0.004%        |
| 10        | 4.562       | 486           | 488         | 491          | rVB4     | 910            | 857           | 0.02%           | 0.003%        |
| 11        | 4.629       | 495           | 499         | 502          | rBV4     | 950            | 1729          | 0.04%           | 0.006%        |
| 12        | 4.684       | 506           | 508         | 510          | rBV3     | 837            | 948           | 0.02%           | 0.004%        |
| 13        | 4.916       | 533           | 546         | 572          | rBV      | 70431          | 309928        | 7.16%           | 1.145%        |
| 14        | 5.123       | 577           | 580         | 587          | rVB7     | 1911           | 4871          | 0.11%           | 0.018%        |
| 15        | 5.343       | 612           | 616         | 619          | rBV2     | 1097           | 1686          | 0.04%           | 0.006%        |
| 16        | 5.745       | 671           | 682         | 694          | rBV8     | 6396           | 22931         | 0.53%           | 0.085%        |
| 17        | 5.934       | 704           | 713         | 723          | rVV3     | 12942          | 37533         | 0.87%           | 0.139%        |
| 18        | 6.092       | 737           | 739         | 744          | rBV5     | 1027           | 1766          | 0.04%           | 0.007%        |
| 19        | 6.464       | 797           | 800         | 805          | rVB3     | 857            | 1430          | 0.03%           | 0.005%        |
| 20        | 6.806       | 854           | 856         | 858          | rBV2     | 838            | 767           | 0.02%           | 0.003%        |
| 21        | 6.922       | 873           | 875         | 878          | rVB3     | 754            | 865           | 0.02%           | 0.003%        |
| 22        | 7.086       | 892           | 902         | 907          | rBV      | 140900         | 393662        | 9.10%           | 1.455%        |
| 23        | 7.147       | 907           | 912         | 929          | rVB      | 144805         | 399820        | 9.24%           | 1.477%        |
| 24        | 7.495       | 967           | 969         | 972          | rBV4     | 751            | 1066          | 0.02%           | 0.004%        |
| 25        | 7.531       | 972           | 975         | 982          | rVB7     | 2037           | 4825          | 0.11%           | 0.018%        |
| 26        | 7.653       | 982           | 995         | 1007         | rBV      | 468084         | 1151914       | 26.62%          | 4.256%        |
| 27        | 7.927       | 1036          | 1040        | 1041         | rBV3     | 992            | 948           | 0.02%           | 0.004%        |
| 28        | 7.946       | 1041          | 1043        | 1044         | rBV2     | 736            | 767           | 0.02%           | 0.003%        |
| 29        | 8.062       | 1060          | 1062        | 1064         | rBV3     | 924            | 879           | 0.02%           | 0.003%        |
| 30        | 8.165       | 1074          | 1079        | 1081         | rBV3     | 1006           | 1239          | 0.03%           | 0.005%        |
| 31        | 8.275       | 1086          | 1097        | 1113         | rBV2     | 888335         | 2753151       | 63.63%          | 10.173%       |
| 32        | 8.385       | 1113          | 1115        | 1116         | rBV      | 1528           | 979           | 0.02%           | 0.004%        |
| 33        | 8.494       | 1131          | 1133        | 1137         | rVB4     | 971            | 773           | 0.02%           | 0.003%        |
| 34        | 8.629       | 1151          | 1155        | 1157         | rBV5     | 1045           | 1226          | 0.03%           | 0.005%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM080218S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 8.848  | 1182 | 1191 | 1203 | rBV  | 969468  | 1892133 | 43.73% | 6.991% |
| 36 | 8.994  | 1213 | 1215 | 1219 | rBV5 | 881     | 1082    | 0.03%  | 0.004% |
| 37 | 9.049  | 1219 | 1224 | 1227 | rBV6 | 2810    | 6156    | 0.14%  | 0.023% |
| 38 | 9.080  | 1227 | 1229 | 1236 | rVB8 | 4316    | 7303    | 0.17%  | 0.027% |
| 39 | 9.281  | 1252 | 1262 | 1279 | rBV  | 634654  | 1287360 | 29.75% | 4.757% |
| 40 | 9.604  | 1313 | 1315 | 1319 | rVV4 | 811     | 940     | 0.02%  | 0.003% |
| 41 | 9.665  | 1319 | 1325 | 1332 | rVB4 | 5106    | 10209   | 0.24%  | 0.038% |
| 42 | 9.769  | 1341 | 1342 | 1345 | rVB3 | 1319    | 1028    | 0.02%  | 0.004% |
| 43 | 9.854  | 1352 | 1356 | 1359 | rBV5 | 655     | 891     | 0.02%  | 0.003% |
| 44 | 9.903  | 1359 | 1364 | 1365 | rBV4 | 1333    | 2341    | 0.05%  | 0.009% |
| 45 | 10.037 | 1371 | 1386 | 1397 | rBV  | 290278  | 544975  | 12.59% | 2.014% |
| 46 | 10.128 | 1397 | 1401 | 1410 | rVB8 | 3452    | 6920    | 0.16%  | 0.026% |
| 47 | 10.220 | 1410 | 1416 | 1420 | rBV3 | 3479    | 5880    | 0.14%  | 0.022% |
| 48 | 10.329 | 1426 | 1434 | 1442 | rBV  | 1134639 | 1984607 | 45.87% | 7.333% |
| 49 | 10.512 | 1462 | 1464 | 1468 | rVB5 | 1717    | 1556    | 0.04%  | 0.006% |
| 50 | 10.585 | 1468 | 1476 | 1488 | rVB  | 209997  | 369678  | 8.54%  | 1.366% |
| 51 | 10.714 | 1488 | 1497 | 1504 | rBV2 | 177612  | 322843  | 7.46%  | 1.193% |
| 52 | 10.854 | 1515 | 1520 | 1526 | rVB4 | 9168    | 15414   | 0.36%  | 0.057% |
| 53 | 10.933 | 1526 | 1533 | 1546 | rBV  | 539643  | 914481  | 21.13% | 3.379% |
| 54 | 11.073 | 1550 | 1556 | 1566 | rVV  | 109241  | 192299  | 4.44%  | 0.711% |
| 55 | 11.183 | 1569 | 1574 | 1581 | rVV3 | 14821   | 26881   | 0.62%  | 0.099% |
| 56 | 11.238 | 1581 | 1583 | 1586 | rVB4 | 843     | 1014    | 0.02%  | 0.004% |
| 57 | 11.341 | 1597 | 1600 | 1604 | rBV4 | 1380    | 2335    | 0.05%  | 0.009% |
| 58 | 11.415 | 1607 | 1612 | 1613 | rVV3 | 6092    | 9205    | 0.21%  | 0.034% |
| 59 | 11.445 | 1613 | 1617 | 1625 | rVB3 | 22657   | 39330   | 0.91%  | 0.145% |
| 60 | 11.640 | 1641 | 1649 | 1657 | rBV  | 1442676 | 2462391 | 56.91% | 9.098% |
| 61 | 11.732 | 1657 | 1664 | 1669 | rVB6 | 2763    | 6953    | 0.16%  | 0.026% |
| 62 | 11.841 | 1677 | 1682 | 1693 | rVB8 | 4985    | 14702   | 0.34%  | 0.054% |
| 63 | 11.945 | 1693 | 1699 | 1700 | rBV5 | 747     | 1406    | 0.03%  | 0.005% |
| 64 | 12.061 | 1714 | 1718 | 1721 | rVB6 | 1261    | 2151    | 0.05%  | 0.008% |
| 65 | 12.128 | 1727 | 1729 | 1731 | rBV3 | 693     | 771     | 0.02%  | 0.003% |
| 66 | 12.183 | 1733 | 1738 | 1742 | rVV4 | 4109    | 7892    | 0.18%  | 0.029% |
| 67 | 12.256 | 1746 | 1750 | 1751 | rVV4 | 1448    | 1726    | 0.04%  | 0.006% |
| 68 | 12.274 | 1751 | 1753 | 1755 | rVV3 | 1199    | 1330    | 0.03%  | 0.005% |
| 69 | 12.299 | 1755 | 1757 | 1762 | rVB5 | 1051    | 1766    | 0.04%  | 0.007% |
| 70 | 12.475 | 1781 | 1786 | 1791 | rBV6 | 6332    | 11622   | 0.27%  | 0.043% |
| 71 | 12.622 | 1802 | 1810 | 1816 | rVB  | 112595  | 190582  | 4.40%  | 0.704% |

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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\SOM2WLM080218S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 12.701 | 1816 | 1823 | 1831 | rBV  | 704415  | 1158126 | 26.76% | 4.279% |
| 73  | 12.884 | 1849 | 1853 | 1854 | rBV3 | 1296    | 1823    | 0.04%  | 0.007% |
| 74  | 12.945 | 1857 | 1863 | 1869 | rVB  | 31555   | 48921   | 1.13%  | 0.181% |
| 75  | 13.048 | 1875 | 1880 | 1883 | rBV6 | 2364    | 3786    | 0.09%  | 0.014% |
| 76  | 13.091 | 1883 | 1887 | 1891 | rVB6 | 2849    | 3804    | 0.09%  | 0.014% |
| 77  | 13.201 | 1903 | 1905 | 1908 | rVB4 | 1404    | 1201    | 0.03%  | 0.004% |
| 78  | 13.244 | 1908 | 1912 | 1914 | rBV4 | 2746    | 4173    | 0.10%  | 0.015% |
| 79  | 13.311 | 1920 | 1923 | 1930 | rVB6 | 4593    | 7241    | 0.17%  | 0.027% |
| 80  | 13.408 | 1935 | 1939 | 1946 | rVB6 | 4123    | 8219    | 0.19%  | 0.030% |
| 81  | 13.481 | 1946 | 1951 | 1954 | rBV5 | 9470    | 16578   | 0.38%  | 0.061% |
| 82  | 13.567 | 1958 | 1965 | 1973 | rVV  | 1407407 | 2233684 | 51.62% | 8.253% |
| 83  | 13.774 | 1995 | 1999 | 2003 | rBV6 | 5016    | 9623    | 0.22%  | 0.036% |
| 84  | 13.865 | 2006 | 2014 | 2021 | rVV  | 1232859 | 2024762 | 46.79% | 7.481% |
| 85  | 14.024 | 2037 | 2040 | 2044 | rBV5 | 2571    | 5037    | 0.12%  | 0.019% |
| 86  | 14.085 | 2044 | 2050 | 2059 | rVB2 | 54139   | 91219   | 2.11%  | 0.337% |
| 87  | 14.219 | 2066 | 2072 | 2076 | rBV7 | 2750    | 5531    | 0.13%  | 0.020% |
| 88  | 14.347 | 2084 | 2093 | 2104 | rBV2 | 24275   | 55495   | 1.28%  | 0.205% |
| 89  | 14.438 | 2107 | 2108 | 2110 | rVB2 | 1183    | 836     | 0.02%  | 0.003% |
| 90  | 14.524 | 2120 | 2122 | 2123 | rVV2 | 1550    | 965     | 0.02%  | 0.004% |
| 91  | 14.640 | 2136 | 2141 | 2145 | rBV4 | 3142    | 5621    | 0.13%  | 0.021% |
| 92  | 14.737 | 2151 | 2157 | 2160 | rBV7 | 3524    | 6150    | 0.14%  | 0.023% |
| 93  | 14.798 | 2164 | 2167 | 2168 | rBV3 | 1514    | 1769    | 0.04%  | 0.007% |
| 94  | 15.042 | 2205 | 2207 | 2209 | rBV3 | 1265    | 1335    | 0.03%  | 0.005% |
| 95  | 15.127 | 2216 | 2221 | 2222 | rBV3 | 2717    | 4056    | 0.09%  | 0.015% |
| 96  | 15.377 | 2259 | 2262 | 2266 | rBV5 | 2491    | 2918    | 0.07%  | 0.011% |
| 97  | 15.457 | 2270 | 2275 | 2280 | rVB  | 21800   | 36509   | 0.84%  | 0.135% |
| 98  | 15.518 | 2280 | 2285 | 2290 | rBV  | 11850   | 19923   | 0.46%  | 0.074% |
| 99  | 15.780 | 2326 | 2328 | 2330 | rBV3 | 2182    | 2738    | 0.06%  | 0.010% |
| 100 | 15.969 | 2357 | 2359 | 2360 | rBV2 | 1779    | 1080    | 0.02%  | 0.004% |

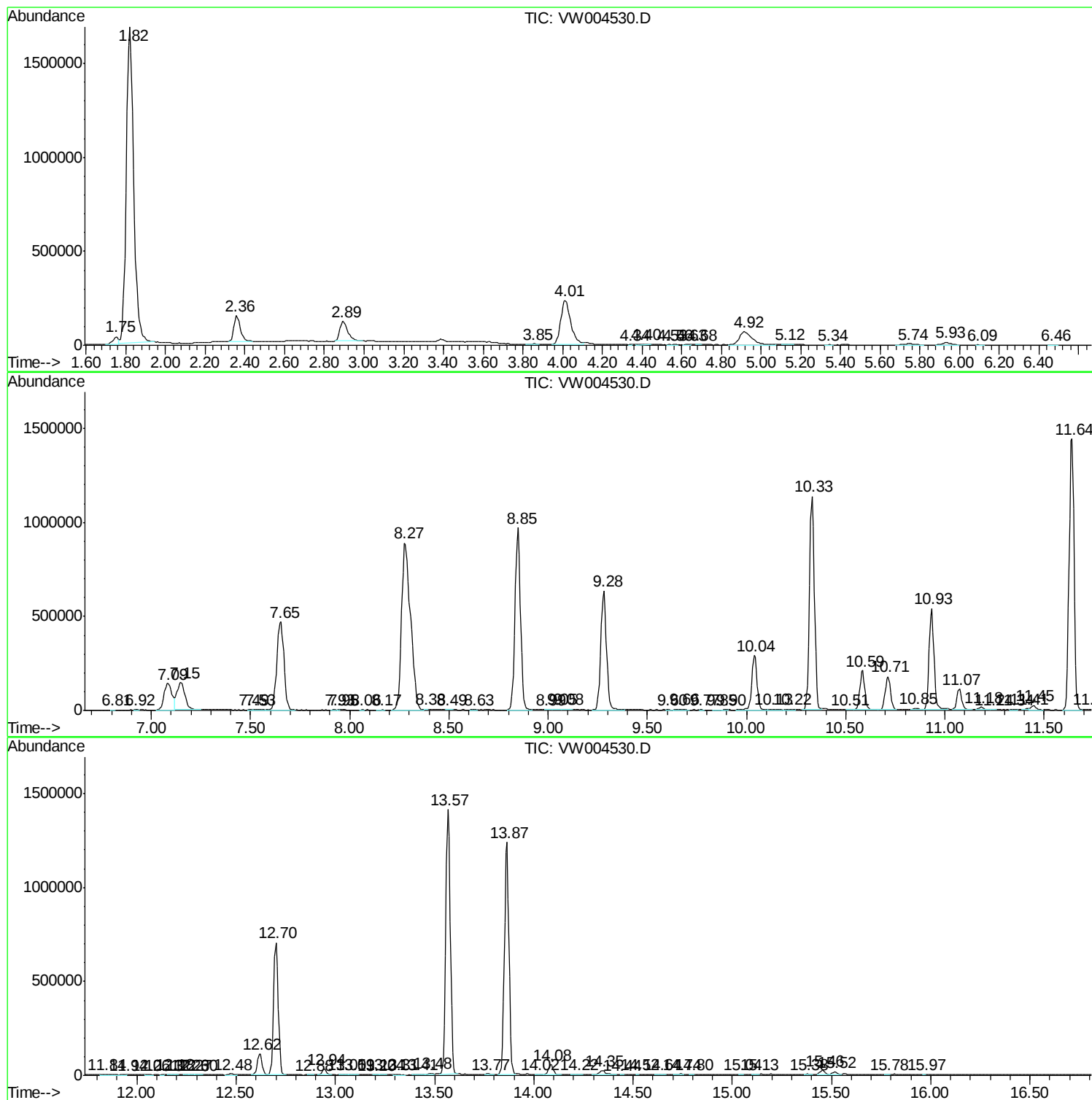
Sum of corrected areas: 27064071

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM080218S.M  
Quant Title : VOC Analysis

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



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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        |