

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083118\  
 Data File : VW005051.D  
 Acq On : 31 Aug 2018 20:25  
 Operator : SY/AP  
 Sample : J4678-06  
 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\SOM2WLM083118S.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         | 1.794       | 17            | 34          | 51           | rBV      | 3123861        | 5439374       | 100.00%         | 24.101%       |
| 2         | 2.349       | 120           | 125         | 136          | rVB      | 232986         | 372182        | 6.84%           | 1.649%        |
| 3         | 2.886       | 206           | 213         | 223          | rBV      | 158030         | 316940        | 5.83%           | 1.404%        |
| 4         | 3.270       | 271           | 276         | 280          | rBV6     | 3657           | 6930          | 0.13%           | 0.031%        |
| 5         | 3.398       | 291           | 297         | 302          | rVB3     | 3369           | 7203          | 0.13%           | 0.032%        |
| 6         | 3.440       | 302           | 304         | 307          | rVB3     | 723            | 687           | 0.01%           | 0.003%        |
| 7         | 3.544       | 314           | 321         | 327          | rBV6     | 1376           | 3944          | 0.07%           | 0.017%        |
| 8         | 3.611       | 327           | 332         | 334          | rVB5     | 904            | 1334          | 0.02%           | 0.006%        |
| 9         | 3.727       | 348           | 351         | 354          | rVB4     | 674            | 807           | 0.01%           | 0.004%        |
| 10        | 3.867       | 367           | 374         | 383          | rVB3     | 3312           | 7911          | 0.15%           | 0.035%        |
| 11        | 4.020       | 388           | 399         | 411          | rVV      | 270195         | 714007        | 13.13%          | 3.164%        |
| 12        | 4.154       | 412           | 421         | 433          | rVB5     | 4395           | 17715         | 0.33%           | 0.078%        |
| 13        | 4.391       | 453           | 460         | 474          | rBV2     | 4150           | 13189         | 0.24%           | 0.058%        |
| 14        | 4.672       | 504           | 506         | 509          | rVV2     | 525            | 652           | 0.01%           | 0.003%        |
| 15        | 4.916       | 537           | 546         | 548          | rBV3     | 13435          | 28342         | 0.52%           | 0.126%        |
| 16        | 5.117       | 572           | 579         | 580          | rBV5     | 783            | 1135          | 0.02%           | 0.005%        |
| 17        | 5.154       | 580           | 585         | 589          | rVV6     | 1082           | 2622          | 0.05%           | 0.012%        |
| 18        | 5.184       | 589           | 590         | 594          | rVV3     | 835            | 738           | 0.01%           | 0.003%        |
| 19        | 5.294       | 603           | 608         | 612          | rBV2     | 535            | 1276          | 0.02%           | 0.006%        |
| 20        | 5.751       | 678           | 683         | 684          | rBV4     | 1189           | 1879          | 0.03%           | 0.008%        |
| 21        | 5.940       | 704           | 714         | 716          | rBV5     | 2845           | 5622          | 0.10%           | 0.025%        |
| 22        | 6.129       | 741           | 745         | 748          | rVV5     | 655            | 903           | 0.02%           | 0.004%        |
| 23        | 6.190       | 754           | 755         | 759          | rBV2     | 536            | 614           | 0.01%           | 0.003%        |
| 24        | 6.544       | 808           | 813         | 815          | rBV3     | 502            | 617           | 0.01%           | 0.003%        |
| 25        | 6.684       | 833           | 836         | 839          | rBV2     | 659            | 670           | 0.01%           | 0.003%        |
| 26        | 7.086       | 890           | 902         | 908          | rBV      | 92572          | 268817        | 4.94%           | 1.191%        |
| 27        | 7.245       | 926           | 928         | 931          | rBV2     | 613            | 829           | 0.02%           | 0.004%        |
| 28        | 7.495       | 965           | 969         | 970          | rBV3     | 438            | 633           | 0.01%           | 0.003%        |
| 29        | 7.537       | 973           | 976         | 984          | rVB6     | 913            | 2144          | 0.04%           | 0.009%        |
| 30        | 7.653       | 984           | 995         | 1008         | rBV      | 313033         | 773077        | 14.21%          | 3.425%        |
| 31        | 8.171       | 1078          | 1080        | 1084         | rVB3     | 631            | 617           | 0.01%           | 0.003%        |
| 32        | 8.281       | 1084          | 1098        | 1114         | rBV3     | 818887         | 2512977       | 46.20%          | 11.135%       |
| 33        | 8.635       | 1153          | 1156        | 1159         | rBV4     | 762            | 942           | 0.02%           | 0.004%        |
| 34        | 8.696       | 1161          | 1166        | 1167         | rBV3     | 1724           | 1922          | 0.04%           | 0.009%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM083118S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 8.744  | 1171 | 1174 | 1177 | rVB2 | 554     | 712     | 0.01%  | 0.003% |
| 36 | 8.848  | 1182 | 1191 | 1211 | rBV  | 656676  | 1307057 | 24.03% | 5.791% |
| 37 | 9.086  | 1224 | 1230 | 1241 | rVB7 | 4648    | 11670   | 0.21%  | 0.052% |
| 38 | 9.214  | 1245 | 1251 | 1252 | rVB2 | 507     | 922     | 0.02%  | 0.004% |
| 39 | 9.281  | 1252 | 1262 | 1271 | rBV  | 441209  | 890118  | 16.36% | 3.944% |
| 40 | 9.555  | 1302 | 1307 | 1308 | rVB4 | 574     | 733     | 0.01%  | 0.003% |
| 41 | 9.586  | 1308 | 1312 | 1315 | rBV5 | 1228    | 1975    | 0.04%  | 0.009% |
| 42 | 9.665  | 1319 | 1325 | 1328 | rBV4 | 1332    | 2088    | 0.04%  | 0.009% |
| 43 | 9.756  | 1335 | 1340 | 1341 | rBV4 | 2801    | 3085    | 0.06%  | 0.014% |
| 44 | 9.897  | 1357 | 1363 | 1369 | rBV4 | 8995    | 18853   | 0.35%  | 0.084% |
| 45 | 10.043 | 1369 | 1387 | 1397 | rBV  | 226117  | 425457  | 7.82%  | 1.885% |
| 46 | 10.208 | 1411 | 1414 | 1415 | rBV2 | 1846    | 1846    | 0.03%  | 0.008% |
| 47 | 10.250 | 1419 | 1421 | 1426 | rVB5 | 3337    | 4398    | 0.08%  | 0.019% |
| 48 | 10.329 | 1426 | 1434 | 1443 | rBV  | 1081632 | 1912287 | 35.16% | 8.473% |
| 49 | 10.451 | 1450 | 1454 | 1463 | rBV  | 10806   | 22083   | 0.41%  | 0.098% |
| 50 | 10.585 | 1469 | 1476 | 1485 | rVB  | 161259  | 281988  | 5.18%  | 1.249% |
| 51 | 10.714 | 1490 | 1497 | 1504 | rBV  | 77733   | 170935  | 3.14%  | 0.757% |
| 52 | 10.854 | 1514 | 1520 | 1525 | rVB4 | 5445    | 9440    | 0.17%  | 0.042% |
| 53 | 10.933 | 1525 | 1533 | 1544 | rBV  | 366976  | 642659  | 11.81% | 2.848% |
| 54 | 11.067 | 1549 | 1555 | 1565 | rVV  | 43737   | 78377   | 1.44%  | 0.347% |
| 55 | 11.183 | 1568 | 1574 | 1581 | rVV6 | 7459    | 13611   | 0.25%  | 0.060% |
| 56 | 11.348 | 1596 | 1601 | 1604 | rVB6 | 1111    | 1788    | 0.03%  | 0.008% |
| 57 | 11.445 | 1606 | 1617 | 1626 | rVV  | 54502   | 97633   | 1.79%  | 0.433% |
| 58 | 11.634 | 1640 | 1648 | 1659 | rBV  | 992024  | 1703986 | 31.33% | 7.550% |
| 59 | 11.793 | 1672 | 1674 | 1675 | rBV2 | 893     | 634     | 0.01%  | 0.003% |
| 60 | 11.847 | 1678 | 1683 | 1687 | rVV3 | 2134    | 3761    | 0.07%  | 0.017% |
| 61 | 12.164 | 1732 | 1735 | 1736 | rBV2 | 1912    | 1594    | 0.03%  | 0.007% |
| 62 | 12.232 | 1744 | 1746 | 1751 | rBV3 | 733     | 1130    | 0.02%  | 0.005% |
| 63 | 12.378 | 1768 | 1770 | 1773 | rVB3 | 676     | 654     | 0.01%  | 0.003% |
| 64 | 12.475 | 1781 | 1786 | 1793 | rBV5 | 2976    | 4783    | 0.09%  | 0.021% |
| 65 | 12.616 | 1803 | 1809 | 1816 | rBV  | 84401   | 139796  | 2.57%  | 0.619% |
| 66 | 12.701 | 1816 | 1823 | 1830 | rVV  | 444248  | 747571  | 13.74% | 3.312% |
| 67 | 12.762 | 1830 | 1833 | 1840 | rVB  | 7191    | 10105   | 0.19%  | 0.045% |
| 68 | 12.847 | 1842 | 1847 | 1848 | rBV5 | 1469    | 1833    | 0.03%  | 0.008% |
| 69 | 12.945 | 1857 | 1863 | 1867 | rBV  | 11961   | 18397   | 0.34%  | 0.082% |
| 70 | 13.048 | 1874 | 1880 | 1884 | rBV9 | 2385    | 4256    | 0.08%  | 0.019% |
| 71 | 13.085 | 1884 | 1886 | 1894 | rVB4 | 2774    | 4158    | 0.08%  | 0.018% |

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 Sampling : 1  
 Start Thrs: 0.2  
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Filtering: 5  
 Min Area: 0 % of largest Peak  
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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM083118S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 13.201 | 1902 | 1905 | 1908 | rBV3 | 1206    | 1436    | 0.03%  | 0.006% |
| 73  | 13.268 | 1914 | 1916 | 1918 | rBV3 | 955     | 958     | 0.02%  | 0.004% |
| 74  | 13.305 | 1918 | 1922 | 1928 | rVB2 | 12629   | 20490   | 0.38%  | 0.091% |
| 75  | 13.359 | 1928 | 1931 | 1933 | rVB3 | 735     | 845     | 0.02%  | 0.004% |
| 76  | 13.414 | 1936 | 1940 | 1945 | rVB4 | 2631    | 4943    | 0.09%  | 0.022% |
| 77  | 13.512 | 1947 | 1956 | 1958 | rBV9 | 5302    | 10409   | 0.19%  | 0.046% |
| 78  | 13.567 | 1958 | 1965 | 1977 | rVB  | 1025012 | 1619567 | 29.77% | 7.176% |
| 79  | 13.774 | 1993 | 1999 | 2001 | rVV5 | 5083    | 8189    | 0.15%  | 0.036% |
| 80  | 13.811 | 2001 | 2005 | 2006 | rVV4 | 3971    | 5965    | 0.11%  | 0.026% |
| 81  | 13.859 | 2006 | 2013 | 2020 | rVV  | 1034920 | 1717146 | 31.57% | 7.608% |
| 82  | 13.914 | 2020 | 2022 | 2027 | rVV4 | 7734    | 11381   | 0.21%  | 0.050% |
| 83  | 13.963 | 2027 | 2030 | 2035 | rVV4 | 4023    | 6559    | 0.12%  | 0.029% |
| 84  | 14.024 | 2037 | 2040 | 2041 | rVV3 | 3272    | 3378    | 0.06%  | 0.015% |
| 85  | 14.079 | 2045 | 2049 | 2062 | rVB  | 22939   | 41133   | 0.76%  | 0.182% |
| 86  | 14.341 | 2087 | 2092 | 2095 | rBV6 | 3624    | 6090    | 0.11%  | 0.027% |
| 87  | 14.499 | 2116 | 2118 | 2120 | rBV3 | 694     | 803     | 0.01%  | 0.004% |
| 88  | 14.634 | 2136 | 2140 | 2147 | rVB3 | 6037    | 10125   | 0.19%  | 0.045% |
| 89  | 14.737 | 2154 | 2157 | 2161 | rVB4 | 2702    | 3837    | 0.07%  | 0.017% |
| 90  | 14.871 | 2177 | 2179 | 2182 | rBV4 | 972     | 1201    | 0.02%  | 0.005% |
| 91  | 14.957 | 2191 | 2193 | 2195 | rBV3 | 886     | 847     | 0.02%  | 0.004% |
| 92  | 15.048 | 2205 | 2208 | 2210 | rBV4 | 896     | 1035    | 0.02%  | 0.005% |
| 93  | 15.140 | 2217 | 2223 | 2228 | rBV5 | 5820    | 10483   | 0.19%  | 0.046% |
| 94  | 15.182 | 2228 | 2230 | 2231 | rBV2 | 1260    | 886     | 0.02%  | 0.004% |
| 95  | 15.304 | 2248 | 2250 | 2251 | rBV2 | 857     | 750     | 0.01%  | 0.003% |
| 96  | 15.329 | 2252 | 2254 | 2256 | rVB2 | 993     | 711     | 0.01%  | 0.003% |
| 97  | 15.371 | 2258 | 2261 | 2265 | rVV5 | 3944    | 5811    | 0.11%  | 0.026% |
| 98  | 15.450 | 2270 | 2274 | 2278 | rVV4 | 4474    | 6834    | 0.13%  | 0.030% |
| 99  | 15.511 | 2281 | 2284 | 2288 | rVV2 | 4646    | 7477    | 0.14%  | 0.033% |
| 100 | 15.566 | 2289 | 2293 | 2297 | rVB5 | 4748    | 7959    | 0.15%  | 0.035% |

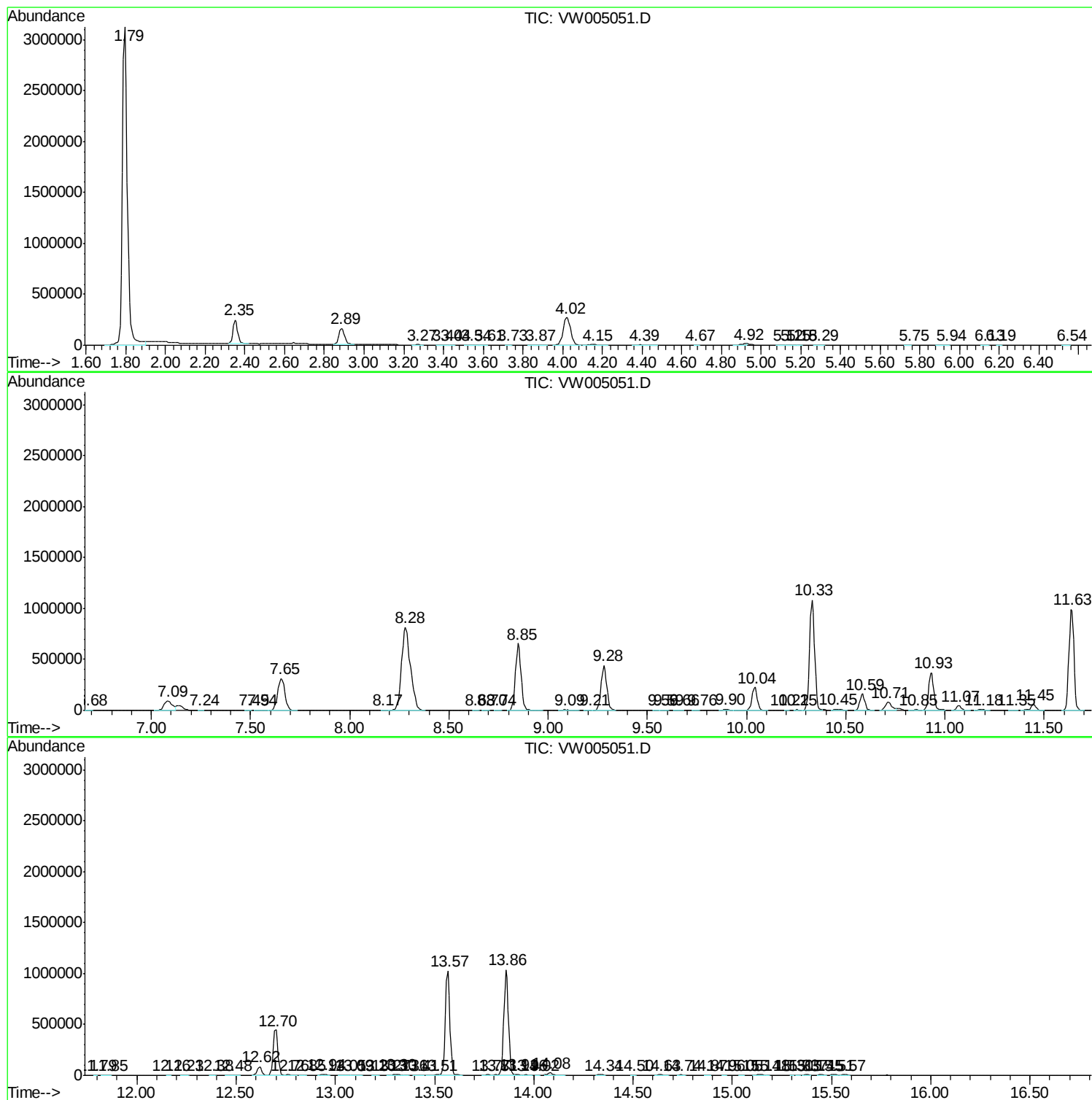
Sum of corrected areas: 22568872

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM083118S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW083118\  
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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        |