

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091020\  
 Data File : VW016532.D  
 Acq On : 10 Sep 2020 18:21  
 Operator : SY/VA  
 Sample : L3957-04  
 Misc : 5.67G/10ML/MSVOA W/SOIL  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFWQ1

## 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\SOM2WLM090320S.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      | 2.209    | 45         | 50       | 51        | rBV5  | 3965        | 6008       | 0.36%        | 0.046%     |
| 2      | 2.367    | 69         | 76       | 88        | rBV   | 99113       | 212818     | 12.81%       | 1.622%     |
| 3      | 2.904    | 157        | 164      | 178       | rBV2  | 82727       | 221988     | 13.36%       | 1.692%     |
| 4      | 3.379    | 239        | 242      | 244       | rBV3  | 913         | 1119       | 0.07%        | 0.009%     |
| 5      | 3.690    | 289        | 293      | 299       | rVB5  | 1359        | 2496       | 0.15%        | 0.019%     |
| 6      | 4.025    | 338        | 348      | 374       | rBV   | 163180      | 528825     | 31.83%       | 4.031%     |
| 7      | 4.543    | 428        | 433      | 434       | rBV4  | 611         | 1019       | 0.06%        | 0.008%     |
| 8      | 4.921    | 484        | 495      | 512       | rBV2  | 25887       | 97010      | 5.84%        | 0.739%     |
| 9      | 5.129    | 527        | 529      | 530       | rVV2  | 1052        | 842        | 0.05%        | 0.006%     |
| 10     | 5.159    | 532        | 534      | 536       | rVV2  | 1012        | 1024       | 0.06%        | 0.008%     |
| 11     | 5.190    | 536        | 539      | 542       | rVV4  | 1037        | 1280       | 0.08%        | 0.010%     |
| 12     | 5.360    | 563        | 567      | 569       | rVB3  | 966         | 1373       | 0.08%        | 0.010%     |
| 13     | 5.403    | 569        | 574      | 576       | rBV3  | 930         | 1555       | 0.09%        | 0.012%     |
| 14     | 5.458    | 578        | 583      | 585       | rBV3  | 672         | 925        | 0.06%        | 0.007%     |
| 15     | 5.537    | 591        | 596      | 599       | rBV4  | 594         | 1144       | 0.07%        | 0.009%     |
| 16     | 5.897    | 650        | 655      | 657       | rBV3  | 652         | 1247       | 0.08%        | 0.010%     |
| 17     | 5.952    | 657        | 664      | 675       | rVB6  | 5530        | 16596      | 1.00%        | 0.126%     |
| 18     | 6.129    | 690        | 693      | 698       | rBV2  | 849         | 1173       | 0.07%        | 0.009%     |
| 19     | 6.190    | 701        | 703      | 706       | rVB3  | 707         | 920        | 0.06%        | 0.007%     |
| 20     | 6.226    | 706        | 709      | 710       | rBV2  | 813         | 899        | 0.05%        | 0.007%     |
| 21     | 6.610    | 768        | 772      | 775       | rBV2  | 681         | 845        | 0.05%        | 0.006%     |
| 22     | 6.708    | 784        | 788      | 791       | rBV3  | 647         | 838        | 0.05%        | 0.006%     |
| 23     | 6.860    | 810        | 813      | 815       | rBV2  | 765         | 989        | 0.06%        | 0.008%     |
| 24     | 7.086    | 840        | 850      | 854       | rBV   | 36382       | 101161     | 6.09%        | 0.771%     |
| 25     | 7.275    | 877        | 881      | 883       | rVB4  | 1066        | 1175       | 0.07%        | 0.009%     |
| 26     | 7.311    | 884        | 887      | 891       | rVB5  | 711         | 1049       | 0.06%        | 0.008%     |
| 27     | 7.543    | 921        | 925      | 927       | rVV4  | 915         | 995        | 0.06%        | 0.008%     |
| 28     | 7.653    | 931        | 943      | 956       | rVV   | 302823      | 731421     | 44.02%       | 5.575%     |
| 29     | 7.854    | 975        | 976      | 980       | rBV4  | 786         | 969        | 0.06%        | 0.007%     |
| 30     | 7.964    | 992        | 994      | 997       | rVV3  | 1013        | 1146       | 0.07%        | 0.009%     |
| 31     | 8.165    | 1024       | 1027     | 1029      | rVB2  | 809         | 919        | 0.06%        | 0.007%     |
| 32     | 8.281    | 1035       | 1046     | 1064      | rBV2  | 522369      | 1573872    | 94.73%       | 11.996%    |
| 33     | 8.396    | 1064       | 1065     | 1069      | rVV5  | 1035        | 974        | 0.06%        | 0.007%     |
| 34     | 8.457    | 1071       | 1075     | 1077      | rVB5  | 997         | 1171       | 0.07%        | 0.009%     |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 8.524  | 1083 | 1086 | 1091 | rBV5 | 782     | 1000    | 0.06%   | 0.008%  |
| 36 | 8.628  | 1100 | 1103 | 1104 | rBV2 | 855     | 926     | 0.06%   | 0.007%  |
| 37 | 8.695  | 1109 | 1114 | 1118 | rBV5 | 1236    | 2373    | 0.14%   | 0.018%  |
| 38 | 8.848  | 1130 | 1139 | 1150 | rBV  | 728803  | 1431277 | 86.14%  | 10.910% |
| 39 | 8.957  | 1154 | 1157 | 1162 | rVB4 | 834     | 1126    | 0.07%   | 0.009%  |
| 40 | 9.043  | 1166 | 1171 | 1173 | rBV4 | 2881    | 5005    | 0.30%   | 0.038%  |
| 41 | 9.091  | 1176 | 1179 | 1183 | rVB5 | 2482    | 3321    | 0.20%   | 0.025%  |
| 42 | 9.280  | 1200 | 1210 | 1219 | rBV  | 367101  | 747428  | 44.99%  | 5.697%  |
| 43 | 9.439  | 1234 | 1236 | 1239 | rVB3 | 1055    | 1168    | 0.07%   | 0.009%  |
| 44 | 9.518  | 1245 | 1249 | 1252 | rBV5 | 812     | 1261    | 0.08%   | 0.010%  |
| 45 | 9.567  | 1254 | 1257 | 1260 | rBV4 | 1131    | 1376    | 0.08%   | 0.010%  |
| 46 | 9.658  | 1267 | 1272 | 1273 | rBV3 | 1262    | 1699    | 0.10%   | 0.013%  |
| 47 | 9.780  | 1289 | 1292 | 1294 | rBV4 | 787     | 1110    | 0.07%   | 0.008%  |
| 48 | 9.823  | 1297 | 1299 | 1303 | rVV4 | 800     | 1309    | 0.08%   | 0.010%  |
| 49 | 9.866  | 1303 | 1306 | 1310 | rVB3 | 922     | 1651    | 0.10%   | 0.013%  |
| 50 | 10.036 | 1325 | 1334 | 1344 | rVV  | 211994  | 386768  | 23.28%  | 2.948%  |
| 51 | 10.213 | 1359 | 1363 | 1370 | rBV3 | 4012    | 7889    | 0.47%   | 0.060%  |
| 52 | 10.329 | 1373 | 1382 | 1393 | rBV  | 732222  | 1306601 | 78.64%  | 9.959%  |
| 53 | 10.579 | 1417 | 1423 | 1433 | rBV  | 130987  | 227085  | 13.67%  | 1.731%  |
| 54 | 10.707 | 1438 | 1444 | 1450 | rBV2 | 44450   | 78559   | 4.73%   | 0.599%  |
| 55 | 10.926 | 1474 | 1480 | 1492 | rBV  | 152852  | 259897  | 15.64%  | 1.981%  |
| 56 | 11.067 | 1497 | 1503 | 1511 | rBV  | 52794   | 85033   | 5.12%   | 0.648%  |
| 57 | 11.176 | 1519 | 1521 | 1527 | rVB6 | 2966    | 4651    | 0.28%   | 0.035%  |
| 58 | 11.262 | 1532 | 1535 | 1536 | rBV2 | 1291    | 1437    | 0.09%   | 0.011%  |
| 59 | 11.445 | 1560 | 1565 | 1572 | rVB2 | 12873   | 23302   | 1.40%   | 0.178%  |
| 60 | 11.634 | 1588 | 1596 | 1610 | rVB  | 1001084 | 1661482 | 100.00% | 12.664% |
| 61 | 12.079 | 1664 | 1669 | 1671 | rVB3 | 938     | 1412    | 0.08%   | 0.011%  |
| 62 | 12.353 | 1709 | 1714 | 1715 | rBV5 | 874     | 1512    | 0.09%   | 0.012%  |
| 63 | 12.469 | 1729 | 1733 | 1739 | rBV5 | 2852    | 5034    | 0.30%   | 0.038%  |
| 64 | 12.609 | 1749 | 1756 | 1763 | rVV  | 69190   | 115346  | 6.94%   | 0.879%  |
| 65 | 12.694 | 1763 | 1770 | 1779 | rVB  | 261147  | 419712  | 25.26%  | 3.199%  |
| 66 | 12.890 | 1798 | 1802 | 1803 | rVV3 | 1593    | 1885    | 0.11%   | 0.014%  |
| 67 | 12.938 | 1805 | 1810 | 1813 | rVV3 | 8693    | 15729   | 0.95%   | 0.120%  |
| 68 | 12.969 | 1813 | 1815 | 1821 | rVB4 | 3792    | 5315    | 0.32%   | 0.041%  |
| 69 | 13.036 | 1822 | 1826 | 1830 | rVB4 | 1883    | 2531    | 0.15%   | 0.019%  |
| 70 | 13.079 | 1830 | 1833 | 1837 | rBV4 | 2317    | 3336    | 0.20%   | 0.025%  |
| 71 | 13.194 | 1849 | 1852 | 1856 | rBV3 | 1026    | 1683    | 0.10%   | 0.013%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 13.298 | 1860 | 1869 | 1880 | rVB3 | 8216   | 16398   | 0.99%  | 0.125%  |
| 73  | 13.408 | 1882 | 1887 | 1892 | rBV5 | 4197   | 6798    | 0.41%  | 0.052%  |
| 74  | 13.469 | 1892 | 1897 | 1902 | rBV3 | 17412  | 28559   | 1.72%  | 0.218%  |
| 75  | 13.560 | 1905 | 1912 | 1919 | rBV  | 908240 | 1435466 | 86.40% | 10.941% |
| 76  | 13.652 | 1924 | 1927 | 1936 | rVB2 | 5559   | 9227    | 0.56%  | 0.070%  |
| 77  | 13.761 | 1939 | 1945 | 1948 | rBV4 | 4944   | 9559    | 0.58%  | 0.073%  |
| 78  | 13.853 | 1953 | 1960 | 1967 | rBV  | 686515 | 1128145 | 67.90% | 8.599%  |
| 79  | 13.956 | 1975 | 1977 | 1979 | rVB2 | 2199   | 2147    | 0.13%  | 0.016%  |
| 80  | 14.011 | 1984 | 1986 | 1990 | rVV4 | 1606   | 2172    | 0.13%  | 0.017%  |
| 81  | 14.072 | 1990 | 1996 | 2002 | rVB2 | 32685  | 53739   | 3.23%  | 0.410%  |
| 82  | 14.194 | 2013 | 2016 | 2024 | rVB5 | 1965   | 3836    | 0.23%  | 0.029%  |
| 83  | 14.328 | 2033 | 2038 | 2046 | rVB7 | 8150   | 14257   | 0.86%  | 0.109%  |
| 84  | 14.523 | 2061 | 2070 | 2073 | rBV5 | 1996   | 5109    | 0.31%  | 0.039%  |
| 85  | 14.670 | 2090 | 2094 | 2097 | rBV5 | 680    | 1149    | 0.07%  | 0.009%  |
| 86  | 14.725 | 2100 | 2103 | 2109 | rVB6 | 2296   | 4043    | 0.24%  | 0.031%  |
| 87  | 14.798 | 2109 | 2115 | 2117 | rBV4 | 987    | 2124    | 0.13%  | 0.016%  |
| 88  | 14.840 | 2120 | 2122 | 2126 | rVB5 | 1220   | 1413    | 0.09%  | 0.011%  |
| 89  | 15.176 | 2173 | 2177 | 2178 | rBV4 | 2028   | 1786    | 0.11%  | 0.014%  |
| 90  | 15.371 | 2207 | 2209 | 2210 | rVB2 | 1211   | 856     | 0.05%  | 0.007%  |
| 91  | 15.389 | 2210 | 2212 | 2213 | rBV2 | 1566   | 1330    | 0.08%  | 0.010%  |
| 92  | 15.438 | 2213 | 2220 | 2226 | rVV2 | 21894  | 39672   | 2.39%  | 0.302%  |
| 93  | 15.493 | 2226 | 2229 | 2234 | rVV2 | 3998   | 7217    | 0.43%  | 0.055%  |
| 94  | 15.554 | 2237 | 2239 | 2243 | rVB4 | 1143   | 1431    | 0.09%  | 0.011%  |
| 95  | 15.761 | 2271 | 2273 | 2276 | rBV3 | 1089   | 1307    | 0.08%  | 0.010%  |
| 96  | 16.157 | 2336 | 2338 | 2341 | rVB2 | 1245   | 831     | 0.05%  | 0.006%  |
| 97  | 16.261 | 2352 | 2355 | 2356 | rBV3 | 1128   | 1225    | 0.07%  | 0.009%  |
| 98  | 16.365 | 2370 | 2372 | 2375 | rVB4 | 1124   | 996     | 0.06%  | 0.008%  |
| 99  | 16.401 | 2375 | 2378 | 2381 | rBV4 | 1253   | 1832    | 0.11%  | 0.014%  |
| 100 | 16.767 | 2436 | 2438 | 2440 | rBV3 | 937    | 876     | 0.05%  | 0.007%  |

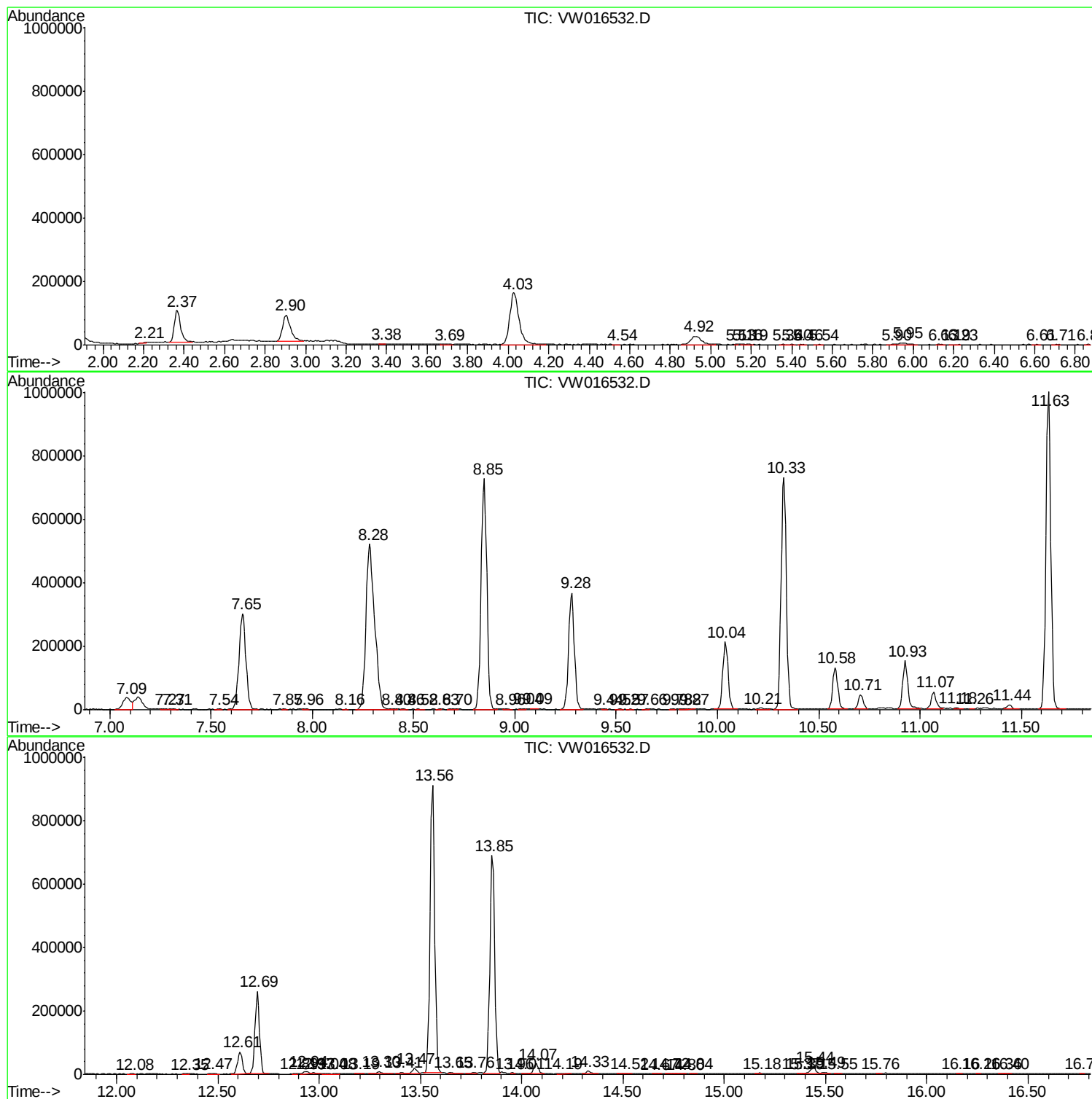
Sum of corrected areas: 13119514

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM090320S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW091020\  
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TIC Library : C:\DATABASE\NIST11.L  
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No Library Search Compounds Detected

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

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