

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW041420\  
 Data File : VW015193.D  
 Acq On : 14 Apr 2020 15:46  
 Operator : SY/VA  
 Sample : L2176-03  
 Misc : 5.01G/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\SOM2WLM041420S.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       | 69            | 74          | 81           | rBV      | 224318         | 406771        | 11.84%          | 1.491%        |
| 2         | 2.891       | 156           | 162         | 177          | rVB      | 161554         | 376192        | 10.95%          | 1.379%        |
| 3         | 3.537       | 267           | 268         | 271          | rBV3     | 2274           | 2019          | 0.06%           | 0.007%        |
| 4         | 3.763       | 301           | 305         | 307          | rVV3     | 2228           | 2106          | 0.06%           | 0.008%        |
| 5         | 4.019       | 336           | 347         | 360          | rBV      | 403182         | 1143566       | 33.28%          | 4.193%        |
| 6         | 4.257       | 384           | 386         | 387          | rBV2     | 2744           | 2115          | 0.06%           | 0.008%        |
| 7         | 4.379       | 398           | 406         | 417          | rVB2     | 9792           | 31457         | 0.92%           | 0.115%        |
| 8         | 4.470       | 417           | 421         | 425          | rVB5     | 1772           | 2773          | 0.08%           | 0.010%        |
| 9         | 4.586       | 437           | 440         | 444          | rVB5     | 1868           | 2656          | 0.08%           | 0.010%        |
| 10        | 4.915       | 483           | 494         | 504          | rVV3     | 20197          | 65352         | 1.90%           | 0.240%        |
| 11        | 5.397       | 571           | 573         | 574          | rBV2     | 2101           | 1835          | 0.05%           | 0.007%        |
| 12        | 5.488       | 586           | 588         | 591          | rVB4     | 1470           | 1629          | 0.05%           | 0.006%        |
| 13        | 5.939       | 656           | 662         | 673          | rVB6     | 7014           | 19729         | 0.57%           | 0.072%        |
| 14        | 6.116       | 690           | 691         | 696          | rVV5     | 2112           | 3341          | 0.10%           | 0.012%        |
| 15        | 6.183       | 699           | 702         | 704          | rVV4     | 1587           | 2086          | 0.06%           | 0.008%        |
| 16        | 6.263       | 712           | 715         | 719          | rVB4     | 1461           | 2281          | 0.07%           | 0.008%        |
| 17        | 6.324       | 721           | 725         | 727          | rBV5     | 1631           | 2267          | 0.07%           | 0.008%        |
| 18        | 6.634       | 775           | 776         | 780          | rVB4     | 1983           | 1769          | 0.05%           | 0.006%        |
| 19        | 6.683       | 780           | 784         | 787          | rBV6     | 2322           | 2943          | 0.09%           | 0.011%        |
| 20        | 6.866       | 809           | 814         | 819          | rBV8     | 2282           | 5061          | 0.15%           | 0.019%        |
| 21        | 7.073       | 840           | 848         | 853          | rBV2     | 78008          | 213282        | 6.21%           | 0.782%        |
| 22        | 7.506       | 917           | 919         | 924          | rVV5     | 1358           | 1855          | 0.05%           | 0.007%        |
| 23        | 7.646       | 931           | 942         | 955          | rVB      | 523096         | 1271323       | 37.00%          | 4.661%        |
| 24        | 7.945       | 985           | 991         | 998          | rVV9     | 4787           | 9675          | 0.28%           | 0.035%        |
| 25        | 8.274       | 1032          | 1045        | 1061         | rBV2     | 1146667        | 3435846       | 100.00%         | 12.598%       |
| 26        | 8.543       | 1085          | 1089        | 1093         | rVB6     | 1495           | 2069          | 0.06%           | 0.008%        |
| 27        | 8.744       | 1120          | 1122        | 1125         | rVB4     | 2390           | 2399          | 0.07%           | 0.009%        |
| 28        | 8.841       | 1127          | 1138        | 1153         | rBV      | 1249816        | 2502644       | 72.84%          | 9.176%        |
| 29        | 9.073       | 1172          | 1176        | 1182         | rVV8     | 4395           | 9080          | 0.26%           | 0.033%        |
| 30        | 9.274       | 1199          | 1209        | 1220         | rBV      | 723652         | 1470866       | 42.81%          | 5.393%        |
| 31        | 9.378       | 1225          | 1226        | 1229         | rVV3     | 2755           | 2497          | 0.07%           | 0.009%        |
| 32        | 9.421       | 1231          | 1233        | 1236         | rVV4     | 1519           | 1736          | 0.05%           | 0.006%        |
| 33        | 9.488       | 1240          | 1244        | 1246         | rBV5     | 1578           | 2100          | 0.06%           | 0.008%        |
| 34        | 9.610       | 1260          | 1264        | 1267         | rBV6     | 1471           | 1789          | 0.05%           | 0.007%        |

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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\SOM2WLM041420S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |        |         |
|----|--------|------|------|------|------|---------|---------|--------|---------|
| 35 | 9.658  | 1267 | 1272 | 1276 | rVB8 | 2020    | 4427    | 0.13%  | 0.016%  |
| 36 | 9.731  | 1280 | 1284 | 1286 | rBV5 | 1150    | 1891    | 0.06%  | 0.007%  |
| 37 | 9.890  | 1307 | 1310 | 1313 | rVB5 | 2250    | 2848    | 0.08%  | 0.010%  |
| 38 | 9.963  | 1317 | 1322 | 1325 | rBV6 | 3074    | 5689    | 0.17%  | 0.021%  |
| 39 | 10.036 | 1326 | 1334 | 1346 | rBV  | 428913  | 780300  | 22.71% | 2.861%  |
| 40 | 10.116 | 1346 | 1347 | 1352 | rVB5 | 2073    | 2644    | 0.08%  | 0.010%  |
| 41 | 10.213 | 1358 | 1363 | 1364 | rBV5 | 3501    | 5674    | 0.17%  | 0.021%  |
| 42 | 10.323 | 1373 | 1381 | 1389 | rBV  | 1623592 | 2867535 | 83.46% | 10.514% |
| 43 | 10.384 | 1389 | 1391 | 1400 | rVB7 | 7510    | 12713   | 0.37%  | 0.047%  |
| 44 | 10.579 | 1415 | 1423 | 1435 | rBV  | 263756  | 465107  | 13.54% | 1.705%  |
| 45 | 10.707 | 1436 | 1444 | 1458 | rVB  | 359398  | 691528  | 20.13% | 2.536%  |
| 46 | 10.853 | 1466 | 1468 | 1473 | rVB6 | 2354    | 3425    | 0.10%  | 0.013%  |
| 47 | 10.920 | 1473 | 1479 | 1492 | rBV  | 319180  | 537441  | 15.64% | 1.971%  |
| 48 | 11.060 | 1496 | 1502 | 1509 | rBV  | 185433  | 312394  | 9.09%  | 1.145%  |
| 49 | 11.134 | 1512 | 1514 | 1516 | rVB3 | 2456    | 2470    | 0.07%  | 0.009%  |
| 50 | 11.182 | 1516 | 1522 | 1527 | rBV9 | 4820    | 8568    | 0.25%  | 0.031%  |
| 51 | 11.298 | 1538 | 1541 | 1544 | rBV3 | 1886    | 2605    | 0.08%  | 0.010%  |
| 52 | 11.438 | 1554 | 1564 | 1570 | rBV  | 288298  | 483774  | 14.08% | 1.774%  |
| 53 | 11.627 | 1586 | 1595 | 1609 | rBV  | 1663183 | 2873939 | 83.65% | 10.537% |
| 54 | 11.725 | 1609 | 1611 | 1617 | rVB5 | 4290    | 6819    | 0.20%  | 0.025%  |
| 55 | 11.841 | 1622 | 1630 | 1633 | rBV8 | 5111    | 9975    | 0.29%  | 0.037%  |
| 56 | 12.042 | 1658 | 1663 | 1666 | rBV6 | 2230    | 3716    | 0.11%  | 0.014%  |
| 57 | 12.066 | 1666 | 1667 | 1671 | rVB3 | 2712    | 2082    | 0.06%  | 0.008%  |
| 58 | 12.170 | 1680 | 1684 | 1690 | rVB6 | 4876    | 10260   | 0.30%  | 0.038%  |
| 59 | 12.329 | 1705 | 1710 | 1712 | rBV5 | 1654    | 2813    | 0.08%  | 0.010%  |
| 60 | 12.365 | 1712 | 1716 | 1721 | rVB7 | 4842    | 8539    | 0.25%  | 0.031%  |
| 61 | 12.463 | 1728 | 1732 | 1737 | rVB5 | 4168    | 7208    | 0.21%  | 0.026%  |
| 62 | 12.554 | 1744 | 1747 | 1748 | rBV2 | 1759    | 2086    | 0.06%  | 0.008%  |
| 63 | 12.609 | 1748 | 1756 | 1763 | rVB  | 381563  | 645337  | 18.78% | 2.366%  |
| 64 | 12.688 | 1763 | 1769 | 1777 | rBV  | 461795  | 781920  | 22.76% | 2.867%  |
| 65 | 12.761 | 1780 | 1781 | 1786 | rVB3 | 1934    | 2396    | 0.07%  | 0.009%  |
| 66 | 12.853 | 1790 | 1796 | 1800 | rVB8 | 4606    | 9858    | 0.29%  | 0.036%  |
| 67 | 12.932 | 1803 | 1809 | 1818 | rBV  | 113665  | 189892  | 5.53%  | 0.696%  |
| 68 | 13.085 | 1832 | 1834 | 1837 | rVB4 | 2041    | 2284    | 0.07%  | 0.008%  |
| 69 | 13.133 | 1837 | 1842 | 1843 | rBV5 | 2010    | 2431    | 0.07%  | 0.009%  |
| 70 | 13.200 | 1846 | 1853 | 1855 | rBV7 | 3702    | 5912    | 0.17%  | 0.022%  |
| 71 | 13.249 | 1855 | 1861 | 1863 | rVV6 | 6700    | 12989   | 0.38%  | 0.048%  |

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## Integration Parameters: LSCINT.P

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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\SOM2WLM041420S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 13.292 | 1863 | 1868 | 1875 | rVB2 | 144254  | 237616  | 6.92%  | 0.871% |
| 73  | 13.353 | 1875 | 1878 | 1880 | rBV5 | 1867    | 2608    | 0.08%  | 0.010% |
| 74  | 13.408 | 1880 | 1887 | 1891 | rVB3 | 8413    | 14944   | 0.43%  | 0.055% |
| 75  | 13.469 | 1891 | 1897 | 1901 | rBV4 | 14663   | 32463   | 0.94%  | 0.119% |
| 76  | 13.554 | 1905 | 1911 | 1924 | rVV  | 1576538 | 2638207 | 76.78% | 9.673% |
| 77  | 13.645 | 1924 | 1926 | 1931 | rVB6 | 4320    | 5908    | 0.17%  | 0.022% |
| 78  | 13.761 | 1940 | 1945 | 1948 | rBV5 | 6577    | 12121   | 0.35%  | 0.044% |
| 79  | 13.798 | 1948 | 1951 | 1952 | rBV3 | 3124    | 2518    | 0.07%  | 0.009% |
| 80  | 13.853 | 1953 | 1960 | 1967 | rVV  | 1286156 | 2089165 | 60.80% | 7.660% |
| 81  | 13.944 | 1974 | 1975 | 1979 | rVB4 | 2965    | 2736    | 0.08%  | 0.010% |
| 82  | 14.017 | 1985 | 1987 | 1989 | rVV3 | 3130    | 3780    | 0.11%  | 0.014% |
| 83  | 14.066 | 1989 | 1995 | 2006 | rVB  | 93962   | 168649  | 4.91%  | 0.618% |
| 84  | 14.200 | 2011 | 2017 | 2023 | rBV2 | 10895   | 19362   | 0.56%  | 0.071% |
| 85  | 14.310 | 2028 | 2035 | 2037 | rBV4 | 11287   | 23577   | 0.69%  | 0.086% |
| 86  | 14.359 | 2040 | 2043 | 2048 | rVB4 | 11852   | 18185   | 0.53%  | 0.067% |
| 87  | 14.633 | 2081 | 2088 | 2095 | rVV6 | 8889    | 18798   | 0.55%  | 0.069% |
| 88  | 14.724 | 2099 | 2103 | 2109 | rVB2 | 19006   | 29184   | 0.85%  | 0.107% |
| 89  | 15.133 | 2163 | 2170 | 2175 | rVV8 | 8746    | 16584   | 0.48%  | 0.061% |
| 90  | 15.218 | 2182 | 2184 | 2188 | rVB4 | 2424    | 3101    | 0.09%  | 0.011% |
| 91  | 15.255 | 2188 | 2190 | 2192 | rBV3 | 2387    | 1877    | 0.05%  | 0.007% |
| 92  | 15.365 | 2203 | 2208 | 2212 | rBV4 | 5955    | 11810   | 0.34%  | 0.043% |
| 93  | 15.438 | 2213 | 2220 | 2225 | rVV2 | 49228   | 86231   | 2.51%  | 0.316% |
| 94  | 15.493 | 2225 | 2229 | 2233 | rVV3 | 7032    | 12351   | 0.36%  | 0.045% |
| 95  | 15.554 | 2233 | 2239 | 2244 | rVB9 | 6755    | 15169   | 0.44%  | 0.056% |
| 96  | 15.694 | 2256 | 2262 | 2267 | rVB8 | 6081    | 12658   | 0.37%  | 0.046% |
| 97  | 15.767 | 2270 | 2274 | 2276 | rBV4 | 3485    | 5530    | 0.16%  | 0.020% |
| 98  | 15.846 | 2283 | 2287 | 2292 | rBV8 | 4278    | 6666    | 0.19%  | 0.024% |
| 99  | 15.913 | 2296 | 2298 | 2301 | rVB4 | 2632    | 2594    | 0.08%  | 0.010% |
| 100 | 16.486 | 2390 | 2392 | 2396 | rVV5 | 2102    | 2514    | 0.07%  | 0.009% |

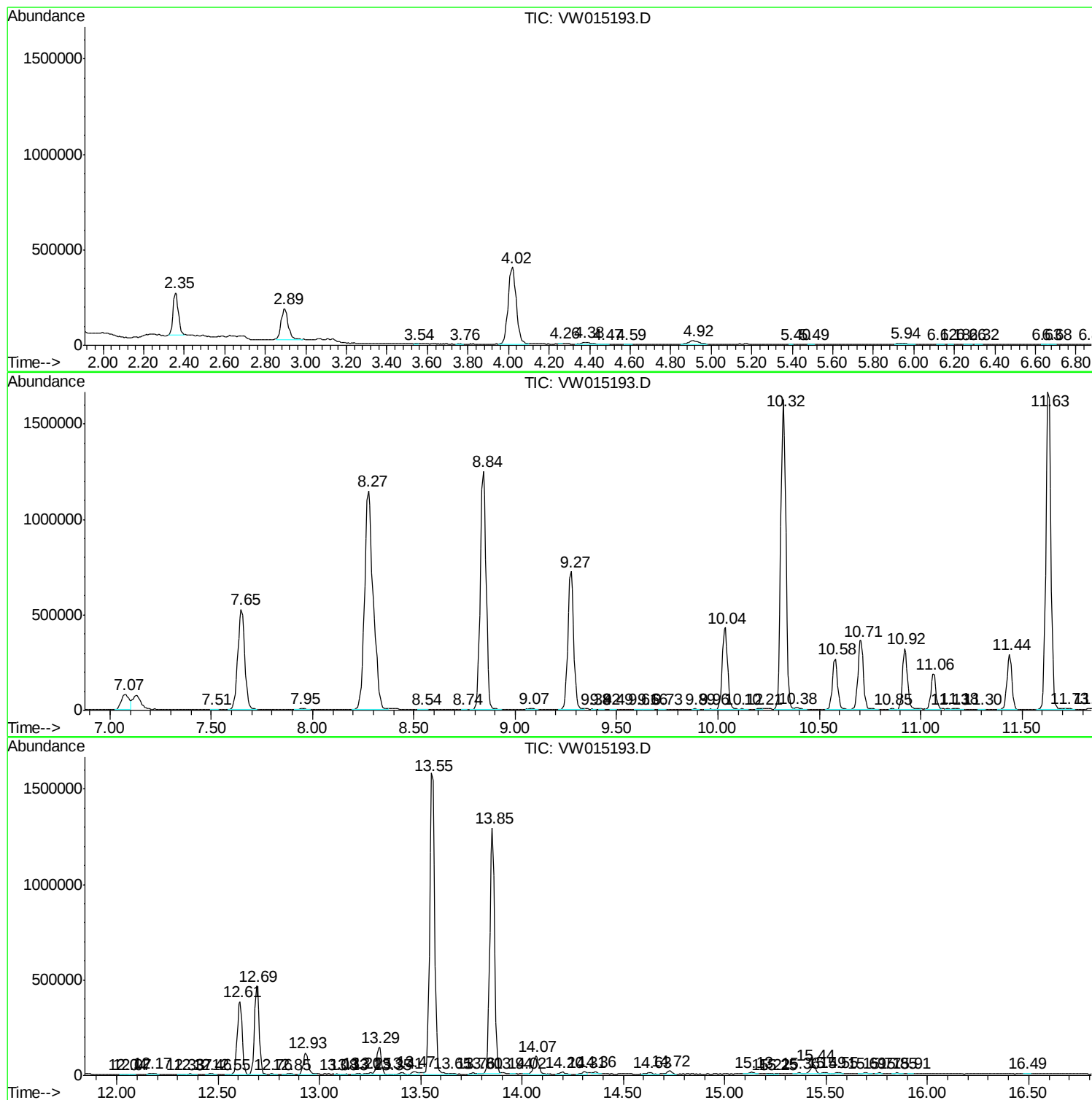
Sum of corrected areas: 27273504

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM041420S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041420\  
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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          |