

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041119\  
 Data File : VW009952.D  
 Acq On : 12 Apr 2019 11:54  
 Operator : SY/VA  
 Sample : K2255-14RE  
 Misc : 4.83G/10ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFC45RE

## 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\SOM2WLM040319S.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          | 83           | rVB      | 64542          | 120568        | 10.93%          | 1.720%        |
| 2         | 2.892       | 157           | 162         | 175          | rVB      | 50687          | 133494        | 12.11%          | 1.904%        |
| 3         | 4.007       | 335           | 345         | 357          | rBV2     | 117428         | 367418        | 33.32%          | 5.242%        |
| 4         | 4.282       | 388           | 390         | 391          | rVB      | 716            | 349           | 0.03%           | 0.005%        |
| 5         | 4.318       | 394           | 396         | 397          | rBV2     | 945            | 994           | 0.09%           | 0.014%        |
| 6         | 4.385       | 400           | 407         | 409          | rBV4     | 5849           | 12250         | 1.11%           | 0.175%        |
| 7         | 4.562       | 434           | 436         | 437          | rBV2     | 734            | 681           | 0.06%           | 0.010%        |
| 8         | 4.666       | 451           | 453         | 457          | rVB4     | 670            | 882           | 0.08%           | 0.013%        |
| 9         | 4.824       | 477           | 479         | 480          | rBV2     | 683            | 543           | 0.05%           | 0.008%        |
| 10        | 4.916       | 483           | 494         | 503          | rVV2     | 22780          | 76907         | 6.97%           | 1.097%        |
| 11        | 5.037       | 512           | 514         | 517          | rVB3     | 1168           | 1282          | 0.12%           | 0.018%        |
| 12        | 5.117       | 526           | 527         | 529          | rVB2     | 944            | 557           | 0.05%           | 0.008%        |
| 13        | 5.141       | 529           | 531         | 532          | rBV2     | 462            | 386           | 0.04%           | 0.006%        |
| 14        | 5.159       | 532           | 534         | 535          | rBV2     | 819            | 797           | 0.07%           | 0.011%        |
| 15        | 5.233       | 543           | 546         | 548          | rBV3     | 868            | 1228          | 0.11%           | 0.018%        |
| 16        | 5.312       | 557           | 559         | 561          | rVB      | 899            | 790           | 0.07%           | 0.011%        |
| 17        | 5.342       | 561           | 564         | 565          | rBV3     | 897            | 966           | 0.09%           | 0.014%        |
| 18        | 5.403       | 572           | 574         | 575          | rBV2     | 1212           | 1066          | 0.10%           | 0.015%        |
| 19        | 5.702       | 622           | 623         | 624          | rBV      | 826            | 478           | 0.04%           | 0.007%        |
| 20        | 5.726       | 625           | 627         | 628          | rBV2     | 620            | 332           | 0.03%           | 0.005%        |
| 21        | 5.775       | 629           | 635         | 636          | rBV3     | 3780           | 5821          | 0.53%           | 0.083%        |
| 22        | 5.934       | 652           | 661         | 670          | rVB5     | 10581          | 30444         | 2.76%           | 0.434%        |
| 23        | 6.037       | 677           | 678         | 680          | rBV2     | 1109           | 764           | 0.07%           | 0.011%        |
| 24        | 6.263       | 713           | 715         | 719          | rBV6     | 1234           | 1412          | 0.13%           | 0.020%        |
| 25        | 6.366       | 730           | 732         | 736          | rVB3     | 671            | 710           | 0.06%           | 0.010%        |
| 26        | 6.415       | 736           | 740         | 742          | rBV4     | 962            | 1234          | 0.11%           | 0.018%        |
| 27        | 6.470       | 747           | 749         | 753          | rVB4     | 805            | 946           | 0.09%           | 0.013%        |
| 28        | 6.507       | 753           | 755         | 756          | rBV      | 1020           | 686           | 0.06%           | 0.010%        |
| 29        | 6.562       | 763           | 764         | 769          | rVB2     | 691            | 844           | 0.08%           | 0.012%        |
| 30        | 6.598       | 769           | 770         | 771          | rBV      | 920            | 384           | 0.03%           | 0.005%        |
| 31        | 6.738       | 791           | 793         | 795          | rVB2     | 732            | 601           | 0.05%           | 0.009%        |
| 32        | 6.787       | 799           | 801         | 802          | rBV2     | 1012           | 767           | 0.07%           | 0.011%        |
| 33        | 6.836       | 808           | 809         | 810          | rBV      | 965            | 370           | 0.03%           | 0.005%        |
| 34        | 6.854       | 810           | 812         | 813          | rBV      | 683            | 551           | 0.05%           | 0.008%        |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 35 | 6.872 | 813  | 815  | 816  | rVB  | 555    | 362     | 0.03%   | 0.005%  |
| 36 | 6.982 | 831  | 833  | 837  | rVB3 | 1329   | 1467    | 0.13%   | 0.021%  |
| 37 | 7.080 | 841  | 849  | 859  | rBV  | 39085  | 117640  | 10.67%  | 1.678%  |
| 38 | 7.293 | 882  | 884  | 886  | rBV2 | 853    | 778     | 0.07%   | 0.011%  |
| 39 | 7.336 | 889  | 891  | 892  | rBV2 | 1029   | 897     | 0.08%   | 0.013%  |
| 40 | 7.372 | 895  | 897  | 900  | rVB2 | 545    | 508     | 0.05%   | 0.007%  |
| 41 | 7.403 | 900  | 902  | 904  | rVB2 | 875    | 599     | 0.05%   | 0.009%  |
| 42 | 7.427 | 904  | 906  | 907  | rBV2 | 561    | 573     | 0.05%   | 0.008%  |
| 43 | 7.500 | 913  | 918  | 919  | rBV2 | 1778   | 2374    | 0.22%   | 0.034%  |
| 44 | 7.647 | 932  | 942  | 956  | rVB  | 221317 | 541495  | 49.11%  | 7.725%  |
| 45 | 7.744 | 956  | 958  | 959  | rBV2 | 566    | 427     | 0.04%   | 0.006%  |
| 46 | 7.842 | 972  | 974  | 976  | rBV3 | 902    | 966     | 0.09%   | 0.014%  |
| 47 | 7.866 | 976  | 978  | 981  | rVV4 | 1399   | 1559    | 0.14%   | 0.022%  |
| 48 | 7.915 | 985  | 986  | 988  | rBV2 | 928    | 935     | 0.08%   | 0.013%  |
| 49 | 7.945 | 988  | 991  | 992  | rBV3 | 1402   | 1453    | 0.13%   | 0.021%  |
| 50 | 8.049 | 1004 | 1008 | 1010 | rBV3 | 1344   | 1807    | 0.16%   | 0.026%  |
| 51 | 8.116 | 1015 | 1019 | 1020 | rVB2 | 926    | 781     | 0.07%   | 0.011%  |
| 52 | 8.141 | 1020 | 1023 | 1026 | rBV2 | 589    | 968     | 0.09%   | 0.014%  |
| 53 | 8.195 | 1030 | 1032 | 1035 | rBV3 | 1016   | 1385    | 0.13%   | 0.020%  |
| 54 | 8.275 | 1035 | 1045 | 1062 | rBV2 | 358133 | 1102650 | 100.00% | 15.731% |
| 55 | 8.787 | 1126 | 1129 | 1130 | rBV2 | 751    | 824     | 0.07%   | 0.012%  |
| 56 | 8.842 | 1130 | 1138 | 1152 | rBV  | 386113 | 756548  | 68.61%  | 10.793% |
| 57 | 8.957 | 1156 | 1157 | 1161 | rVB2 | 1081   | 837     | 0.08%   | 0.012%  |
| 58 | 8.988 | 1161 | 1162 | 1163 | rBV  | 919    | 388     | 0.04%   | 0.006%  |
| 59 | 9.006 | 1163 | 1165 | 1167 | rBV3 | 924    | 637     | 0.06%   | 0.009%  |
| 60 | 9.031 | 1167 | 1169 | 1171 | rBV3 | 1190   | 1557    | 0.14%   | 0.022%  |
| 61 | 9.214 | 1197 | 1199 | 1200 | rBV2 | 1016   | 697     | 0.06%   | 0.010%  |
| 62 | 9.274 | 1200 | 1209 | 1217 | rBV  | 282975 | 565159  | 51.25%  | 8.063%  |
| 63 | 9.500 | 1243 | 1246 | 1248 | rBV4 | 1218   | 1411    | 0.13%   | 0.020%  |
| 64 | 9.543 | 1252 | 1253 | 1254 | rBV  | 737    | 441     | 0.04%   | 0.006%  |
| 65 | 9.604 | 1261 | 1263 | 1265 | rVB3 | 889    | 451     | 0.04%   | 0.006%  |
| 66 | 9.652 | 1265 | 1271 | 1277 | rVB9 | 2383   | 5907    | 0.54%   | 0.084%  |
| 67 | 9.701 | 1277 | 1279 | 1280 | rBV2 | 885    | 708     | 0.06%   | 0.010%  |
| 68 | 9.720 | 1280 | 1282 | 1284 | rVB3 | 1017   | 631     | 0.06%   | 0.009%  |
| 69 | 9.738 | 1284 | 1285 | 1288 | rBV3 | 730    | 895     | 0.08%   | 0.013%  |
| 70 | 9.817 | 1296 | 1298 | 1300 | rBV3 | 866    | 578     | 0.05%   | 0.008%  |
| 71 | 9.890 | 1305 | 1310 | 1314 | rBV7 | 3012   | 6727    | 0.61%   | 0.096%  |

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 Start Thrs: 0.2  
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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\SOM2WLM040319S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.982  | 1324 | 1325 | 1326 | rBV  | 659    | 435    | 0.04%  | 0.006%  |
| 73  | 10.037 | 1326 | 1334 | 1345 | rVV  | 104017 | 190843 | 17.31% | 2.723%  |
| 74  | 10.323 | 1374 | 1381 | 1389 | rBV  | 402398 | 700240 | 63.51% | 9.990%  |
| 75  | 10.579 | 1416 | 1423 | 1433 | rBV  | 64928  | 117286 | 10.64% | 1.673%  |
| 76  | 10.707 | 1440 | 1444 | 1450 | rVB5 | 2839   | 5044   | 0.46%  | 0.072%  |
| 77  | 10.927 | 1474 | 1480 | 1492 | rBV2 | 136279 | 248711 | 22.56% | 3.548%  |
| 78  | 11.634 | 1589 | 1596 | 1604 | rBV  | 440468 | 750469 | 68.06% | 10.706% |
| 79  | 12.219 | 1691 | 1692 | 1695 | rBV2 | 985    | 1033   | 0.09%  | 0.015%  |
| 80  | 12.317 | 1705 | 1708 | 1709 | rBV  | 1162   | 1224   | 0.11%  | 0.017%  |
| 81  | 12.469 | 1728 | 1733 | 1739 | rBV  | 19693  | 34229  | 3.10%  | 0.488%  |
| 82  | 12.695 | 1763 | 1770 | 1780 | rBV  | 189420 | 330128 | 29.94% | 4.710%  |
| 83  | 12.762 | 1780 | 1781 | 1783 | rBV2 | 1752   | 1695   | 0.15%  | 0.024%  |
| 84  | 12.847 | 1793 | 1795 | 1796 | rBV2 | 766    | 709    | 0.06%  | 0.010%  |
| 85  | 12.871 | 1797 | 1799 | 1801 | rVV2 | 1474   | 1158   | 0.11%  | 0.017%  |
| 86  | 13.164 | 1845 | 1847 | 1850 | rBV3 | 880    | 1004   | 0.09%  | 0.014%  |
| 87  | 13.249 | 1859 | 1861 | 1862 | rBV2 | 1932   | 1384   | 0.13%  | 0.020%  |
| 88  | 13.402 | 1882 | 1886 | 1891 | rBV5 | 4406   | 7863   | 0.71%  | 0.112%  |
| 89  | 13.469 | 1895 | 1897 | 1901 | rBV5 | 2209   | 3305   | 0.30%  | 0.047%  |
| 90  | 13.560 | 1906 | 1912 | 1919 | rBV  | 221192 | 359212 | 32.58% | 5.125%  |
| 91  | 13.853 | 1954 | 1960 | 1968 | rBV  | 194963 | 338444 | 30.69% | 4.828%  |
| 92  | 14.072 | 1993 | 1996 | 2001 | rVB5 | 4665   | 7573   | 0.69%  | 0.108%  |
| 93  | 14.335 | 2034 | 2039 | 2046 | rBV8 | 3682   | 7336   | 0.67%  | 0.105%  |
| 94  | 14.383 | 2046 | 2047 | 2050 | rVV3 | 963    | 955    | 0.09%  | 0.014%  |
| 95  | 14.426 | 2050 | 2054 | 2057 | rBV3 | 1045   | 1378   | 0.12%  | 0.020%  |
| 96  | 14.645 | 2084 | 2090 | 2094 | rBV5 | 1472   | 3179   | 0.29%  | 0.045%  |
| 97  | 14.786 | 2111 | 2113 | 2115 | rVB2 | 1331   | 932    | 0.08%  | 0.013%  |
| 98  | 14.999 | 2146 | 2148 | 2149 | rBV2 | 1225   | 710    | 0.06%  | 0.010%  |
| 99  | 16.481 | 2389 | 2391 | 2392 | rBV2 | 996    | 615    | 0.06%  | 0.009%  |
| 100 | 16.755 | 2434 | 2436 | 2440 | rBV4 | 1416   | 1002   | 0.09%  | 0.014%  |

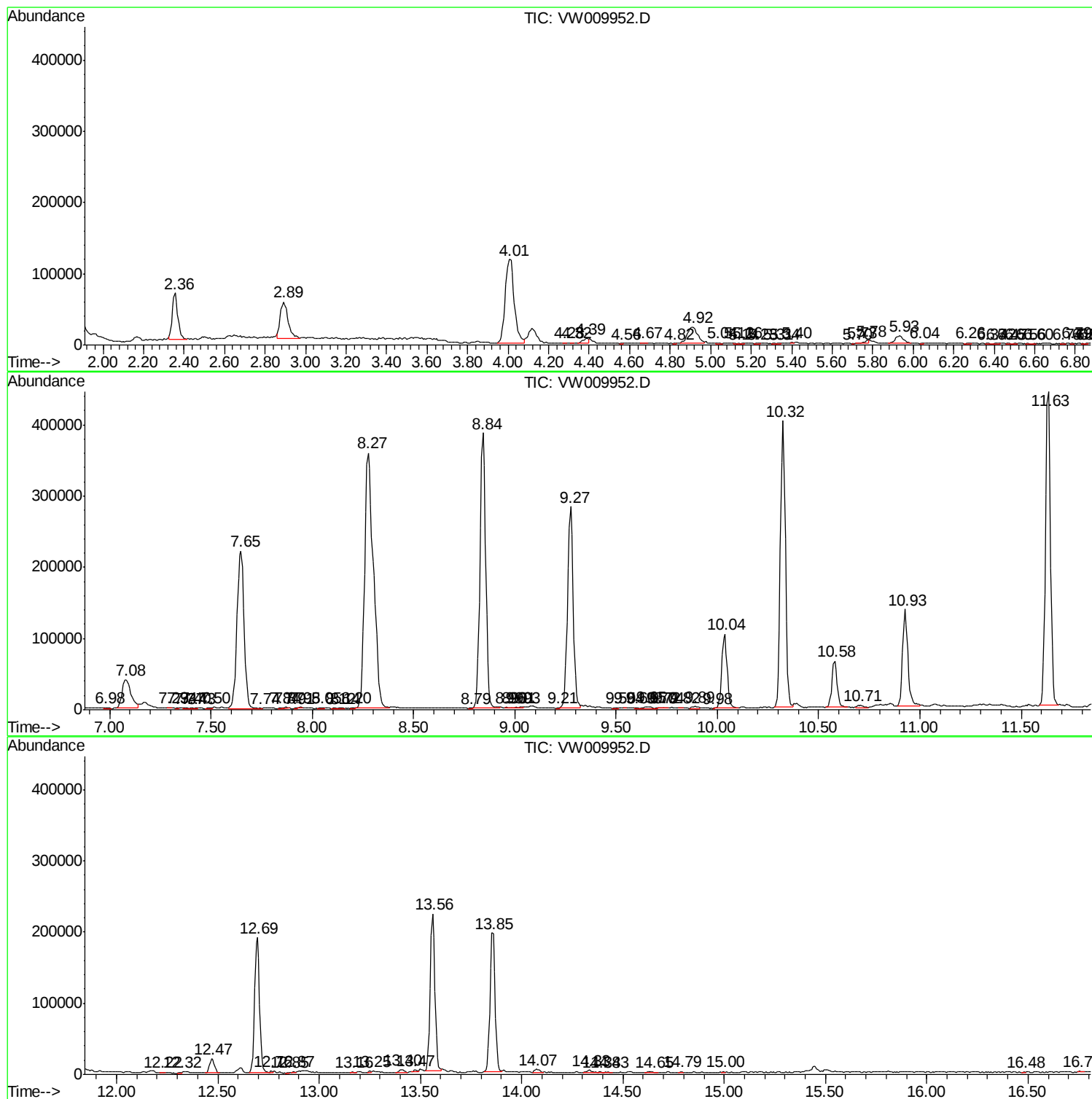
Sum of corrected areas: 7009618

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM040319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW041119\  
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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        |