

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112619\  
 Data File : VW014139.D  
 Acq On : 26 Nov 2019 17:09  
 Operator : SY/VA  
 Sample : K6063-05  
 Misc : 5.84G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0BN1

## 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\SOM2WLM111119S.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         | 2.154       | 37            | 41          | 47           | rBV2     | 8498           | 17615         | 1.61%           | 0.258%        |
| 2         | 2.349       | 68            | 73          | 85           | rVB      | 62823          | 116321        | 10.65%          | 1.705%        |
| 3         | 2.885       | 154           | 161         | 176          | rVB      | 48580          | 122427        | 11.21%          | 1.795%        |
| 4         | 3.300       | 223           | 229         | 234          | rVB4     | 2488           | 5383          | 0.49%           | 0.079%        |
| 5         | 3.373       | 238           | 241         | 242          | rBV3     | 550            | 687           | 0.06%           | 0.010%        |
| 6         | 3.489       | 258           | 260         | 262          | rVV      | 519            | 401           | 0.04%           | 0.006%        |
| 7         | 3.526       | 265           | 266         | 268          | rBV      | 582            | 577           | 0.05%           | 0.008%        |
| 8         | 3.818       | 311           | 314         | 317          | rBV2     | 206            | 271           | 0.02%           | 0.004%        |
| 9         | 3.849       | 317           | 319         | 322          | rVB2     | 370            | 342           | 0.03%           | 0.005%        |
| 10        | 4.019       | 335           | 347         | 362          | rBV2     | 101125         | 331365        | 30.35%          | 4.858%        |
| 11        | 4.324       | 393           | 397         | 400          | rVB2     | 297            | 342           | 0.03%           | 0.005%        |
| 12        | 4.397       | 400           | 409         | 415          | rBV4     | 1238           | 3364          | 0.31%           | 0.049%        |
| 13        | 4.483       | 420           | 423         | 428          | rVB3     | 421            | 703           | 0.06%           | 0.010%        |
| 14        | 4.550       | 431           | 434         | 435          | rBV      | 303            | 291           | 0.03%           | 0.004%        |
| 15        | 4.684       | 454           | 456         | 462          | rBV      | 330            | 549           | 0.05%           | 0.008%        |
| 16        | 4.794       | 470           | 474         | 475          | rBV2     | 343            | 422           | 0.04%           | 0.006%        |
| 17        | 4.910       | 485           | 493         | 494          | rBV2     | 5817           | 10876         | 1.00%           | 0.159%        |
| 18        | 5.172       | 534           | 536         | 539          | rBV3     | 279            | 258           | 0.02%           | 0.004%        |
| 19        | 5.550       | 595           | 598         | 601          | rVV2     | 399            | 438           | 0.04%           | 0.006%        |
| 20        | 5.611       | 607           | 608         | 610          | rBV2     | 275            | 253           | 0.02%           | 0.004%        |
| 21        | 5.629       | 610           | 611         | 614          | rVV      | 486            | 426           | 0.04%           | 0.006%        |
| 22        | 5.690       | 619           | 621         | 624          | rVV2     | 266            | 315           | 0.03%           | 0.005%        |
| 23        | 5.733       | 624           | 628         | 633          | rVV3     | 652            | 1096          | 0.10%           | 0.016%        |
| 24        | 5.769       | 633           | 634         | 637          | rVB2     | 489            | 296           | 0.03%           | 0.004%        |
| 25        | 5.861       | 645           | 649         | 651          | rBV2     | 409            | 526           | 0.05%           | 0.008%        |
| 26        | 6.031       | 675           | 677         | 681          | rVB      | 370            | 467           | 0.04%           | 0.007%        |
| 27        | 6.147       | 693           | 696         | 701          | rVB4     | 367            | 565           | 0.05%           | 0.008%        |
| 28        | 6.336       | 725           | 727         | 732          | rVB2     | 420            | 457           | 0.04%           | 0.007%        |
| 29        | 6.391       | 732           | 736         | 739          | rBV2     | 335            | 481           | 0.04%           | 0.007%        |
| 30        | 6.440       | 741           | 744         | 745          | rBV      | 317            | 288           | 0.03%           | 0.004%        |
| 31        | 6.574       | 765           | 766         | 768          | rBV2     | 279            | 241           | 0.02%           | 0.004%        |
| 32        | 6.659       | 778           | 780         | 783          | rVV      | 263            | 326           | 0.03%           | 0.005%        |
| 33        | 6.690       | 783           | 785         | 788          | rVB      | 353            | 263           | 0.02%           | 0.004%        |
| 34        | 6.799       | 801           | 803         | 806          | rBV2     | 241            | 288           | 0.03%           | 0.004%        |

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Integrator: RTE  
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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\SOM2WLM111119S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 6.854  | 810  | 812  | 818  | rVB  | 328    | 515     | 0.05%   | 0.008%  |
| 36 | 6.915  | 818  | 822  | 825  | rVB2 | 350    | 502     | 0.05%   | 0.007%  |
| 37 | 6.988  | 832  | 834  | 837  | rVB  | 374    | 366     | 0.03%   | 0.005%  |
| 38 | 7.080  | 840  | 849  | 853  | rBV2 | 31023  | 87015   | 7.97%   | 1.276%  |
| 39 | 7.311  | 885  | 887  | 890  | rBV3 | 284    | 320     | 0.03%   | 0.005%  |
| 40 | 7.379  | 895  | 898  | 899  | rBV  | 793    | 666     | 0.06%   | 0.010%  |
| 41 | 7.525  | 918  | 922  | 930  | rVB5 | 1355   | 3194    | 0.29%   | 0.047%  |
| 42 | 7.647  | 932  | 942  | 952  | rVV  | 187065 | 460767  | 42.21%  | 6.755%  |
| 43 | 7.744  | 956  | 958  | 961  | rBV  | 238    | 273     | 0.03%   | 0.004%  |
| 44 | 7.805  | 966  | 968  | 971  | rVB3 | 377    | 368     | 0.03%   | 0.005%  |
| 45 | 7.939  | 987  | 990  | 1000 | rVB6 | 1921   | 3723    | 0.34%   | 0.055%  |
| 46 | 8.275  | 1033 | 1045 | 1059 | rBV2 | 367856 | 1091721 | 100.00% | 16.004% |
| 47 | 8.421  | 1068 | 1069 | 1071 | rBV2 | 489    | 499     | 0.05%   | 0.007%  |
| 48 | 8.555  | 1085 | 1091 | 1093 | rBV3 | 519    | 680     | 0.06%   | 0.010%  |
| 49 | 8.586  | 1093 | 1096 | 1099 | rBV2 | 435    | 544     | 0.05%   | 0.008%  |
| 50 | 8.628  | 1099 | 1103 | 1107 | rVV5 | 731    | 1433    | 0.13%   | 0.021%  |
| 51 | 8.695  | 1110 | 1114 | 1119 | rVB5 | 1098   | 1913    | 0.18%   | 0.028%  |
| 52 | 8.775  | 1125 | 1127 | 1129 | rBV2 | 319    | 365     | 0.03%   | 0.005%  |
| 53 | 8.842  | 1129 | 1138 | 1151 | rVV  | 302341 | 617364  | 56.55%  | 9.050%  |
| 54 | 9.079  | 1170 | 1177 | 1178 | rBV4 | 1760   | 2770    | 0.25%   | 0.041%  |
| 55 | 9.275  | 1200 | 1209 | 1217 | rBV  | 251756 | 516819  | 47.34%  | 7.576%  |
| 56 | 9.500  | 1244 | 1246 | 1248 | rBV  | 295    | 290     | 0.03%   | 0.004%  |
| 57 | 9.573  | 1256 | 1258 | 1260 | rVB2 | 555    | 459     | 0.04%   | 0.007%  |
| 58 | 9.653  | 1267 | 1271 | 1281 | rVB5 | 1651   | 3587    | 0.33%   | 0.053%  |
| 59 | 9.750  | 1284 | 1287 | 1289 | rBV2 | 1175   | 1426    | 0.13%   | 0.021%  |
| 60 | 9.811  | 1295 | 1297 | 1299 | rBV2 | 673    | 537     | 0.05%   | 0.008%  |
| 61 | 9.829  | 1299 | 1300 | 1303 | rVV2 | 750    | 611     | 0.06%   | 0.009%  |
| 62 | 9.890  | 1305 | 1310 | 1317 | rVB5 | 2600   | 6003    | 0.55%   | 0.088%  |
| 63 | 9.957  | 1317 | 1321 | 1322 | rBV2 | 554    | 528     | 0.05%   | 0.008%  |
| 64 | 10.031 | 1325 | 1333 | 1345 | rBV  | 101960 | 185756  | 17.01%  | 2.723%  |
| 65 | 10.207 | 1357 | 1362 | 1365 | rBV3 | 1562   | 2330    | 0.21%   | 0.034%  |
| 66 | 10.323 | 1373 | 1381 | 1389 | rBV  | 466012 | 821415  | 75.24%  | 12.042% |
| 67 | 10.573 | 1416 | 1422 | 1432 | rBV  | 56904  | 102130  | 9.35%   | 1.497%  |
| 68 | 10.701 | 1437 | 1443 | 1450 | rVB  | 51031  | 91789   | 8.41%   | 1.346%  |
| 69 | 10.768 | 1450 | 1454 | 1456 | rBV4 | 767    | 1035    | 0.09%   | 0.015%  |
| 70 | 10.921 | 1473 | 1479 | 1492 | rBV  | 113523 | 202079  | 18.51%  | 2.962%  |
| 71 | 11.061 | 1497 | 1502 | 1509 | rVB  | 25368  | 43695   | 4.00%   | 0.641%  |

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## 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\SOM2WLM111119S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 11.439 | 1559 | 1564 | 1570 | rVB  | 21208  | 35271  | 3.23%  | 0.517% |
| 73  | 11.628 | 1588 | 1595 | 1610 | rVB  | 377966 | 637938 | 58.43% | 9.352% |
| 74  | 11.841 | 1625 | 1630 | 1633 | rBV3 | 2544   | 4095   | 0.38%  | 0.060% |
| 75  | 12.097 | 1671 | 1672 | 1673 | rBV  | 705    | 417    | 0.04%  | 0.006% |
| 76  | 12.170 | 1680 | 1684 | 1690 | rBV7 | 1879   | 3537   | 0.32%  | 0.052% |
| 77  | 12.469 | 1728 | 1733 | 1736 | rBV4 | 1392   | 2108   | 0.19%  | 0.031% |
| 78  | 12.561 | 1744 | 1748 | 1749 | rBV2 | 491    | 527    | 0.05%  | 0.008% |
| 79  | 12.603 | 1749 | 1755 | 1762 | rVB  | 47902  | 81501  | 7.47%  | 1.195% |
| 80  | 12.689 | 1762 | 1769 | 1777 | rBV  | 185900 | 300843 | 27.56% | 4.410% |
| 81  | 12.798 | 1785 | 1787 | 1789 | rBV2 | 264    | 242    | 0.02%  | 0.004% |
| 82  | 12.932 | 1804 | 1809 | 1815 | rBV2 | 11946  | 17246  | 1.58%  | 0.253% |
| 83  | 13.012 | 1820 | 1822 | 1823 | rVB  | 495    | 346    | 0.03%  | 0.005% |
| 84  | 13.030 | 1823 | 1825 | 1827 | rBV3 | 799    | 814    | 0.07%  | 0.012% |
| 85  | 13.079 | 1831 | 1833 | 1836 | rVB3 | 972    | 1065   | 0.10%  | 0.016% |
| 86  | 13.115 | 1837 | 1839 | 1840 | rVB  | 692    | 340    | 0.03%  | 0.005% |
| 87  | 13.128 | 1840 | 1841 | 1843 | rBV  | 347    | 288    | 0.03%  | 0.004% |
| 88  | 13.158 | 1844 | 1846 | 1848 | rBV2 | 623    | 546    | 0.05%  | 0.008% |
| 89  | 13.298 | 1864 | 1869 | 1876 | rVB  | 8135   | 13717  | 1.26%  | 0.201% |
| 90  | 13.408 | 1883 | 1887 | 1892 | rVB5 | 3784   | 5882   | 0.54%  | 0.086% |
| 91  | 13.469 | 1893 | 1897 | 1900 | rBV3 | 2585   | 3520   | 0.32%  | 0.052% |
| 92  | 13.554 | 1905 | 1911 | 1918 | rBV  | 230586 | 375416 | 34.39% | 5.503% |
| 93  | 13.768 | 1940 | 1946 | 1948 | rBV6 | 2625   | 4807   | 0.44%  | 0.070% |
| 94  | 13.853 | 1953 | 1960 | 1967 | rBV  | 248129 | 408658 | 37.43% | 5.991% |
| 95  | 14.066 | 1990 | 1995 | 2001 | rVB2 | 16016  | 26550  | 2.43%  | 0.389% |
| 96  | 14.194 | 2012 | 2016 | 2020 | rBV4 | 1469   | 2391   | 0.22%  | 0.035% |
| 97  | 14.578 | 2077 | 2079 | 2082 | rBV4 | 596    | 433    | 0.04%  | 0.006% |
| 98  | 14.853 | 2122 | 2124 | 2125 | rBV  | 542    | 288    | 0.03%  | 0.004% |
| 99  | 15.322 | 2199 | 2201 | 2202 | rBV2 | 696    | 378    | 0.03%  | 0.006% |
| 100 | 15.438 | 2215 | 2220 | 2225 | rVB2 | 11427  | 17853  | 1.64%  | 0.262% |

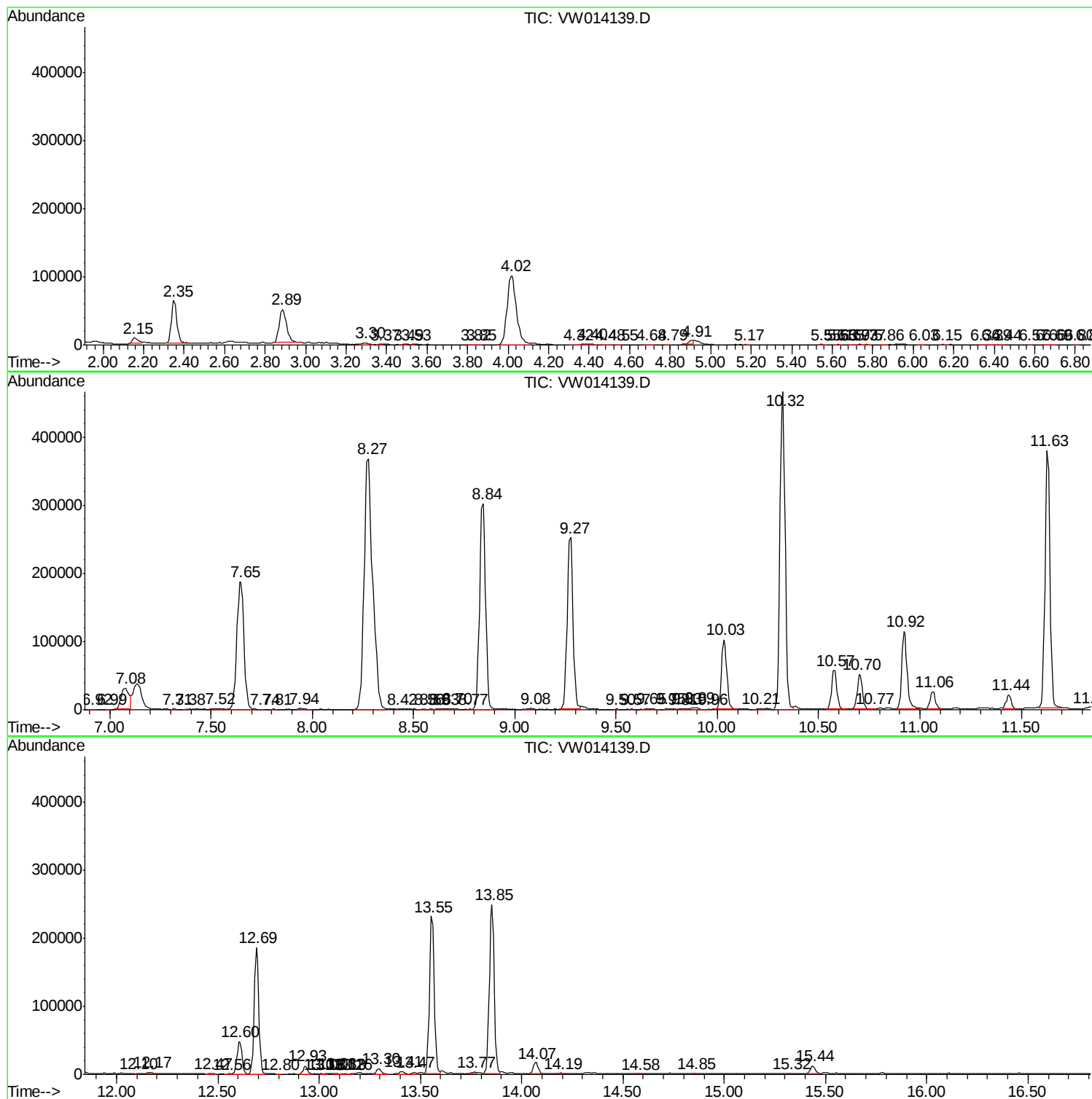
Sum of corrected areas: 6821424

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW112619\  
Data File : VW014139.D  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM111119S.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

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