

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032219\  
 Data File : VW009347.D  
 Acq On : 22 Mar 2019 14:37  
 Operator : SY/VA  
 Sample : K2017-17  
 Misc : 5.08G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BF0E3

## 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\SOM2WLM031419S.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         | 2.361       | 69            | 75          | 89           | rBV      | 71514          | 165763        | 11.08%          | 1.451%        |
| 2         | 4.019       | 336           | 347         | 365          | rBV2     | 137272         | 477931        | 31.93%          | 4.182%        |
| 3         | 4.342       | 398           | 400         | 401          | rBV      | 2430           | 1902          | 0.13%           | 0.017%        |
| 4         | 4.428       | 412           | 414         | 415          | rVB      | 1540           | 851           | 0.06%           | 0.007%        |
| 5         | 4.446       | 415           | 417         | 419          | rBV2     | 1681           | 1241          | 0.08%           | 0.011%        |
| 6         | 4.543       | 431           | 433         | 434          | rVB      | 1802           | 709           | 0.05%           | 0.006%        |
| 7         | 4.562       | 434           | 436         | 437          | rVV      | 1307           | 699           | 0.05%           | 0.006%        |
| 8         | 4.611       | 441           | 444         | 447          | rBV      | 2551           | 3710          | 0.25%           | 0.032%        |
| 9         | 4.653       | 450           | 451         | 455          | rVB2     | 2261           | 1320          | 0.09%           | 0.012%        |
| 10        | 4.787       | 471           | 473         | 474          | rBV      | 1884           | 1135          | 0.08%           | 0.010%        |
| 11        | 4.909       | 483           | 493         | 496          | rBV4     | 13100          | 33486         | 2.24%           | 0.293%        |
| 12        | 5.013       | 508           | 510         | 515          | rVB2     | 2179           | 1923          | 0.13%           | 0.017%        |
| 13        | 5.220       | 543           | 544         | 545          | rBV      | 1782           | 851           | 0.06%           | 0.007%        |
| 14        | 5.263       | 550           | 551         | 552          | rBV      | 1564           | 813           | 0.05%           | 0.007%        |
| 15        | 5.306       | 556           | 558         | 559          | rBV      | 1672           | 1019          | 0.07%           | 0.009%        |
| 16        | 5.373       | 567           | 569         | 570          | rBV      | 1709           | 1108          | 0.07%           | 0.010%        |
| 17        | 5.488       | 586           | 588         | 591          | rVB2     | 1787           | 1447          | 0.10%           | 0.013%        |
| 18        | 5.537       | 591           | 596         | 598          | rBV2     | 2556           | 3413          | 0.23%           | 0.030%        |
| 19        | 5.714       | 624           | 625         | 627          | rVB      | 2091           | 1062          | 0.07%           | 0.009%        |
| 20        | 5.745       | 627           | 630         | 631          | rBV2     | 1563           | 1561          | 0.10%           | 0.014%        |
| 21        | 5.781       | 634           | 636         | 638          | rBV      | 1197           | 986           | 0.07%           | 0.009%        |
| 22        | 5.799       | 638           | 639         | 640          | rBV      | 1917           | 822           | 0.05%           | 0.007%        |
| 23        | 5.921       | 653           | 659         | 660          | rBV2     | 8042           | 13324         | 0.89%           | 0.117%        |
| 24        | 6.086       | 684           | 686         | 688          | rVB      | 1848           | 1554          | 0.10%           | 0.014%        |
| 25        | 6.110       | 688           | 690         | 691          | rBV      | 2303           | 1537          | 0.10%           | 0.013%        |
| 26        | 6.165       | 697           | 699         | 703          | rBV2     | 1453           | 2309          | 0.15%           | 0.020%        |
| 27        | 6.214       | 705           | 707         | 709          | rVB      | 1903           | 1376          | 0.09%           | 0.012%        |
| 28        | 6.232       | 709           | 710         | 711          | rBV      | 1517           | 673           | 0.04%           | 0.006%        |
| 29        | 6.251       | 711           | 713         | 714          | rVB      | 898            | 441           | 0.03%           | 0.004%        |
| 30        | 6.269       | 714           | 716         | 723          | rVB      | 1556           | 2959          | 0.20%           | 0.026%        |
| 31        | 6.318       | 723           | 724         | 727          | rBV      | 1432           | 1227          | 0.08%           | 0.011%        |
| 32        | 6.360       | 729           | 731         | 732          | rVB      | 1693           | 1182          | 0.08%           | 0.010%        |
| 33        | 6.427       | 741           | 742         | 744          | rBV      | 1409           | 918           | 0.06%           | 0.008%        |
| 34        | 6.482       | 749           | 751         | 752          | rVB      | 1431           | 728           | 0.05%           | 0.006%        |

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 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\SOM2WLM031419S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 6.494  | 752  | 753  | 755  | rVB  | 2316   | 1636    | 0.11%   | 0.014%  |
| 36 | 6.525  | 755  | 758  | 760  | rBV2 | 2005   | 2531    | 0.17%   | 0.022%  |
| 37 | 6.555  | 760  | 763  | 764  | rBV3 | 1791   | 1855    | 0.12%   | 0.016%  |
| 38 | 6.592  | 766  | 769  | 771  | rBV  | 1962   | 2728    | 0.18%   | 0.024%  |
| 39 | 6.653  | 777  | 779  | 783  | rBV  | 2432   | 3575    | 0.24%   | 0.031%  |
| 40 | 6.763  | 796  | 797  | 800  | rBV  | 1489   | 1278    | 0.09%   | 0.011%  |
| 41 | 6.842  | 806  | 810  | 811  | rBV  | 1565   | 1663    | 0.11%   | 0.015%  |
| 42 | 6.958  | 825  | 829  | 830  | rBV  | 2979   | 2307    | 0.15%   | 0.020%  |
| 43 | 7.080  | 838  | 849  | 857  | rBV  | 66225  | 193493  | 12.93%  | 1.693%  |
| 44 | 7.433  | 905  | 907  | 909  | rVB  | 1739   | 1419    | 0.09%   | 0.012%  |
| 45 | 7.452  | 909  | 910  | 912  | rBV  | 1944   | 1552    | 0.10%   | 0.014%  |
| 46 | 7.647  | 933  | 942  | 953  | rVB  | 284920 | 677217  | 45.25%  | 5.926%  |
| 47 | 7.781  | 963  | 964  | 966  | rBV  | 1528   | 997     | 0.07%   | 0.009%  |
| 48 | 8.049  | 1004 | 1008 | 1009 | rBV2 | 2409   | 3161    | 0.21%   | 0.028%  |
| 49 | 8.110  | 1015 | 1018 | 1019 | rBV  | 1514   | 1375    | 0.09%   | 0.012%  |
| 50 | 8.165  | 1026 | 1027 | 1031 | rVB2 | 1844   | 1863    | 0.12%   | 0.016%  |
| 51 | 8.275  | 1035 | 1045 | 1064 | rVV2 | 494125 | 1496593 | 100.00% | 13.096% |
| 52 | 8.665  | 1107 | 1109 | 1110 | rVB  | 1472   | 591     | 0.04%   | 0.005%  |
| 53 | 8.841  | 1129 | 1138 | 1147 | rBV  | 536524 | 1013482 | 67.72%  | 8.869%  |
| 54 | 9.018  | 1166 | 1167 | 1169 | rBV  | 2975   | 2111    | 0.14%   | 0.018%  |
| 55 | 9.085  | 1173 | 1178 | 1189 | rVB3 | 39328  | 84697   | 5.66%   | 0.741%  |
| 56 | 9.207  | 1197 | 1198 | 1200 | rBV  | 1374   | 1427    | 0.10%   | 0.012%  |
| 57 | 9.274  | 1201 | 1209 | 1219 | rVV  | 364472 | 726787  | 48.56%  | 6.360%  |
| 58 | 9.348  | 1219 | 1221 | 1225 | rVB  | 3882   | 4587    | 0.31%   | 0.040%  |
| 59 | 9.384  | 1225 | 1227 | 1230 | rBV2 | 2237   | 2175    | 0.15%   | 0.019%  |
| 60 | 9.537  | 1250 | 1252 | 1254 | rBV2 | 1046   | 1147    | 0.08%   | 0.010%  |
| 61 | 9.646  | 1268 | 1270 | 1272 | rBV  | 1710   | 1646    | 0.11%   | 0.014%  |
| 62 | 9.750  | 1286 | 1287 | 1290 | rBV2 | 870    | 638     | 0.04%   | 0.006%  |
| 63 | 9.811  | 1295 | 1297 | 1299 | rVV  | 2215   | 1855    | 0.12%   | 0.016%  |
| 64 | 9.835  | 1299 | 1301 | 1305 | rVB2 | 1783   | 2179    | 0.15%   | 0.019%  |
| 65 | 9.988  | 1324 | 1326 | 1327 | rBV  | 1904   | 1423    | 0.10%   | 0.012%  |
| 66 | 10.030 | 1327 | 1333 | 1343 | rVB2 | 187094 | 346255  | 23.14%  | 3.030%  |
| 67 | 10.164 | 1354 | 1355 | 1356 | rBV  | 1490   | 565     | 0.04%   | 0.005%  |
| 68 | 10.183 | 1356 | 1358 | 1360 | rBV2 | 1713   | 1843    | 0.12%   | 0.016%  |
| 69 | 10.323 | 1374 | 1381 | 1389 | rBV  | 675845 | 1154548 | 77.15%  | 10.103% |
| 70 | 10.433 | 1398 | 1399 | 1402 | rBV  | 1762   | 1482    | 0.10%   | 0.013%  |
| 71 | 10.579 | 1416 | 1423 | 1430 | rBV  | 139969 | 235721  | 15.75%  | 2.063%  |

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 72 | 10.823 | 1461 | 1463 | 1464 | rBV  | 2871   | 2134    | 0.14%  | 0.019%  |
| 73 | 10.927 | 1473 | 1480 | 1491 | rBV  | 264728 | 452599  | 30.24% | 3.961%  |
| 74 | 11.231 | 1529 | 1530 | 1534 | rVV  | 2082   | 1971    | 0.13%  | 0.017%  |
| 75 | 11.262 | 1534 | 1535 | 1537 | rVB2 | 1739   | 1073    | 0.07%  | 0.009%  |
| 76 | 11.329 | 1545 | 1546 | 1547 | rBV  | 1817   | 814     | 0.05%  | 0.007%  |
| 77 | 11.475 | 1568 | 1570 | 1571 | rBV2 | 1269   | 715     | 0.05%  | 0.006%  |
| 78 | 11.634 | 1588 | 1596 | 1603 | rBV  | 748570 | 1280752 | 85.58% | 11.207% |
| 79 | 11.829 | 1625 | 1628 | 1635 | rVB3 | 3289   | 5229    | 0.35%  | 0.046%  |
| 80 | 11.963 | 1648 | 1650 | 1652 | rBV2 | 1630   | 1695    | 0.11%  | 0.015%  |
| 81 | 12.024 | 1658 | 1660 | 1661 | rBV  | 1801   | 1244    | 0.08%  | 0.011%  |
| 82 | 12.243 | 1695 | 1696 | 1699 | rVB  | 3072   | 2200    | 0.15%  | 0.019%  |
| 83 | 12.268 | 1699 | 1700 | 1703 | rBV  | 2893   | 2722    | 0.18%  | 0.024%  |
| 84 | 12.609 | 1752 | 1756 | 1763 | rBV4 | 11217  | 18592   | 1.24%  | 0.163%  |
| 85 | 12.694 | 1763 | 1770 | 1778 | rVB  | 369834 | 596872  | 39.88% | 5.223%  |
| 86 | 12.816 | 1788 | 1790 | 1792 | rBV  | 2486   | 2606    | 0.17%  | 0.023%  |
| 87 | 13.322 | 1871 | 1873 | 1874 | rBV  | 1512   | 992     | 0.07%  | 0.009%  |
| 88 | 13.414 | 1887 | 1888 | 1889 | rVB  | 1748   | 639     | 0.04%  | 0.006%  |
| 89 | 13.469 | 1893 | 1897 | 1902 | rBV3 | 2451   | 5767    | 0.39%  | 0.050%  |
| 90 | 13.560 | 1905 | 1912 | 1921 | rVV  | 754569 | 1202132 | 80.32% | 10.519% |
| 91 | 13.853 | 1953 | 1960 | 1969 | rBV  | 672397 | 1128418 | 75.40% | 9.874%  |
| 92 | 14.170 | 2011 | 2012 | 2014 | rBV  | 1857   | 1347    | 0.09%  | 0.012%  |
| 93 | 14.469 | 2059 | 2061 | 2063 | rBV  | 2396   | 1814    | 0.12%  | 0.016%  |
| 94 | 14.487 | 2063 | 2064 | 2066 | rVB  | 1917   | 1249    | 0.08%  | 0.011%  |
| 95 | 14.633 | 2087 | 2088 | 2090 | rBV  | 2192   | 1815    | 0.12%  | 0.016%  |

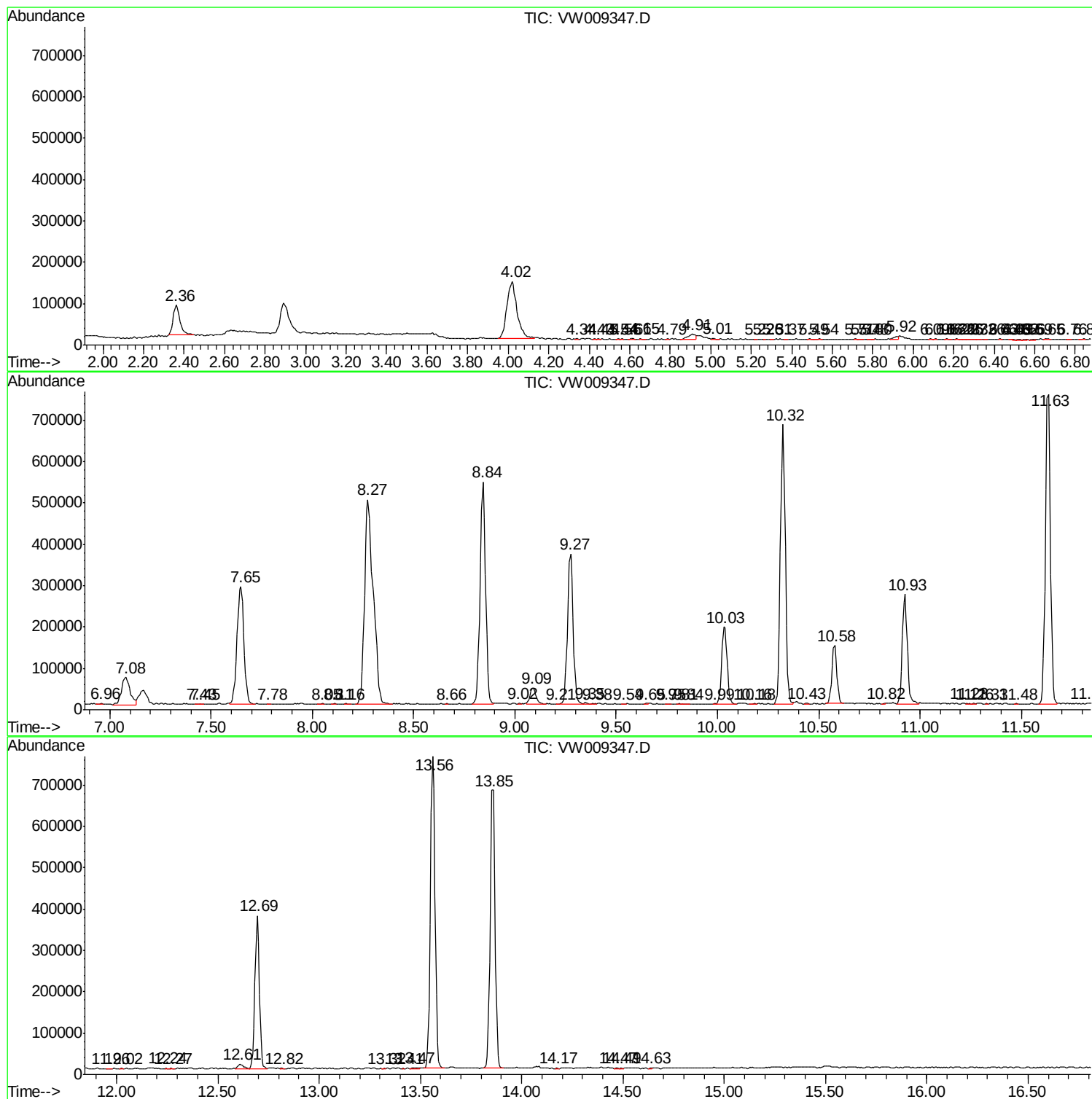
Sum of corrected areas: 11427773

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM031419S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW032219\  
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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        |