

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121819\  
 Data File : VW014432.D  
 Acq On : 18 Dec 2019 15:00  
 Operator : SY/VA  
 Sample : K6257-11  
 Misc : 5.70G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFEW4

## 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\SOM2WLM120519S.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         | 1.958       | 5             | 9           | 25           | rVB5     | 10629          | 34274         | 0.94%           | 0.129%        |
| 2         | 2.154       | 36            | 41          | 48           | rBV3     | 22207          | 48070         | 1.32%           | 0.180%        |
| 3         | 2.349       | 67            | 73          | 84           | rVB      | 253540         | 463048        | 12.75%          | 1.738%        |
| 4         | 2.885       | 154           | 161         | 176          | rVB      | 180516         | 448435        | 12.35%          | 1.683%        |
| 5         | 3.367       | 238           | 240         | 244          | rVB3     | 1136           | 1489          | 0.04%           | 0.006%        |
| 6         | 3.507       | 259           | 263         | 264          | rBV4     | 1085           | 1650          | 0.05%           | 0.006%        |
| 7         | 3.592       | 274           | 277         | 283          | rVB7     | 1387           | 2151          | 0.06%           | 0.008%        |
| 8         | 3.659       | 283           | 288         | 289          | rBV4     | 1821           | 2458          | 0.07%           | 0.009%        |
| 9         | 3.745       | 299           | 302         | 306          | rBV4     | 699            | 915           | 0.03%           | 0.003%        |
| 10        | 4.019       | 335           | 347         | 361          | rBV      | 371898         | 1222698       | 33.67%          | 4.589%        |
| 11        | 4.336       | 396           | 399         | 403          | rVB4     | 586            | 727           | 0.02%           | 0.003%        |
| 12        | 4.409       | 408           | 411         | 414          | rVV4     | 1211           | 2090          | 0.06%           | 0.008%        |
| 13        | 4.501       | 423           | 426         | 429          | rVB4     | 1076           | 1136          | 0.03%           | 0.004%        |
| 14        | 4.617       | 441           | 445         | 446          | rBV3     | 852            | 1057          | 0.03%           | 0.004%        |
| 15        | 4.647       | 449           | 450         | 454          | rVB3     | 797            | 952           | 0.03%           | 0.004%        |
| 16        | 4.708       | 458           | 460         | 461          | rBV2     | 779            | 781           | 0.02%           | 0.003%        |
| 17        | 4.775       | 468           | 471         | 475          | rBV2     | 842            | 1086          | 0.03%           | 0.004%        |
| 18        | 4.921       | 484           | 495         | 509          | rBV3     | 22319          | 84254         | 2.32%           | 0.316%        |
| 19        | 5.110       | 524           | 526         | 528          | rBV2     | 734            | 813           | 0.02%           | 0.003%        |
| 20        | 5.421       | 574           | 577         | 580          | rVB3     | 995            | 918           | 0.03%           | 0.003%        |
| 21        | 5.482       | 582           | 587         | 590          | rVB3     | 793            | 1473          | 0.04%           | 0.006%        |
| 22        | 5.933       | 651           | 661         | 667          | rVV7     | 5714           | 17040         | 0.47%           | 0.064%        |
| 23        | 6.013       | 671           | 674         | 675          | rVB3     | 1120           | 951           | 0.03%           | 0.004%        |
| 24        | 6.104       | 684           | 689         | 690          | rBV3     | 592            | 799           | 0.02%           | 0.003%        |
| 25        | 6.244       | 710           | 712         | 715          | rBV3     | 561            | 827           | 0.02%           | 0.003%        |
| 26        | 6.293       | 717           | 720         | 722          | rVB2     | 699            | 751           | 0.02%           | 0.003%        |
| 27        | 6.592       | 767           | 769         | 773          | rBV      | 802            | 793           | 0.02%           | 0.003%        |
| 28        | 6.720       | 787           | 790         | 795          | rVB4     | 890            | 1330          | 0.04%           | 0.005%        |
| 29        | 6.763       | 795           | 797         | 802          | rVB3     | 823            | 1374          | 0.04%           | 0.005%        |
| 30        | 6.805       | 802           | 804         | 805          | rBV      | 962            | 786           | 0.02%           | 0.003%        |
| 31        | 6.884       | 814           | 817         | 819          | rVB2     | 796            | 874           | 0.02%           | 0.003%        |
| 32        | 6.933       | 819           | 825         | 827          | rVB3     | 802            | 1240          | 0.03%           | 0.005%        |
| 33        | 7.073       | 840           | 848         | 854          | rBV      | 111594         | 317219        | 8.74%           | 1.190%        |
| 34        | 7.433       | 905           | 907         | 910          | rVB2     | 1156           | 1116          | 0.03%           | 0.004%        |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |         |         |         |         |
|----|--------|------|------|------|------|---------|---------|---------|---------|
| 35 | 7.531  | 916  | 923  | 930  | rVV4 | 3015    | 8050    | 0.22%   | 0.030%  |
| 36 | 7.640  | 930  | 941  | 960  | rVV  | 612913  | 1526341 | 42.03%  | 5.728%  |
| 37 | 7.768  | 960  | 962  | 965  | rVV2 | 974     | 1213    | 0.03%   | 0.005%  |
| 38 | 7.799  | 965  | 967  | 970  | rVV3 | 888     | 1077    | 0.03%   | 0.004%  |
| 39 | 7.848  | 974  | 975  | 977  | rVV2 | 948     | 750     | 0.02%   | 0.003%  |
| 40 | 7.903  | 981  | 984  | 986  | rBV4 | 876     | 1033    | 0.03%   | 0.004%  |
| 41 | 7.945  | 988  | 991  | 997  | rVV5 | 2254    | 4501    | 0.12%   | 0.017%  |
| 42 | 8.006  | 1000 | 1001 | 1006 | rBV2 | 807     | 979     | 0.03%   | 0.004%  |
| 43 | 8.055  | 1006 | 1009 | 1012 | rVV3 | 1028    | 1432    | 0.04%   | 0.005%  |
| 44 | 8.165  | 1023 | 1027 | 1028 | rBV2 | 939     | 1090    | 0.03%   | 0.004%  |
| 45 | 8.268  | 1034 | 1044 | 1060 | rBV2 | 1215722 | 3631154 | 100.00% | 13.627% |
| 46 | 8.622  | 1100 | 1102 | 1106 | rVB5 | 1108    | 1532    | 0.04%   | 0.006%  |
| 47 | 8.689  | 1109 | 1113 | 1119 | rVB7 | 1480    | 2965    | 0.08%   | 0.011%  |
| 48 | 8.780  | 1123 | 1128 | 1129 | rBV4 | 800     | 1043    | 0.03%   | 0.004%  |
| 49 | 8.841  | 1129 | 1138 | 1148 | rBV  | 1263432 | 2463859 | 67.85%  | 9.247%  |
| 50 | 9.049  | 1166 | 1172 | 1173 | rBV4 | 4632    | 7725    | 0.21%   | 0.029%  |
| 51 | 9.268  | 1199 | 1208 | 1219 | rBV  | 845658  | 1737903 | 47.86%  | 6.522%  |
| 52 | 9.433  | 1234 | 1235 | 1244 | rVB6 | 1207    | 2008    | 0.06%   | 0.008%  |
| 53 | 9.664  | 1267 | 1273 | 1285 | rVB8 | 3191    | 8342    | 0.23%   | 0.031%  |
| 54 | 10.030 | 1323 | 1333 | 1344 | rBV  | 418192  | 767314  | 21.13%  | 2.880%  |
| 55 | 10.122 | 1344 | 1348 | 1349 | rBV4 | 1633    | 1856    | 0.05%   | 0.007%  |
| 56 | 10.207 | 1359 | 1362 | 1363 | rBV3 | 1337    | 1110    | 0.03%   | 0.004%  |
| 57 | 10.323 | 1372 | 1381 | 1390 | rBV  | 1708130 | 3010604 | 82.91%  | 11.299% |
| 58 | 10.573 | 1414 | 1422 | 1435 | rBV  | 276970  | 486742  | 13.40%  | 1.827%  |
| 59 | 10.701 | 1437 | 1443 | 1450 | rVB  | 52515   | 94963   | 2.62%   | 0.356%  |
| 60 | 10.920 | 1472 | 1479 | 1496 | rBV  | 443897  | 778607  | 21.44%  | 2.922%  |
| 61 | 11.060 | 1496 | 1502 | 1509 | rVB  | 44849   | 74322   | 2.05%   | 0.279%  |
| 62 | 11.286 | 1536 | 1539 | 1543 | rBV5 | 2019    | 2680    | 0.07%   | 0.010%  |
| 63 | 11.396 | 1555 | 1557 | 1558 | rBV2 | 1115    | 723     | 0.02%   | 0.003%  |
| 64 | 11.438 | 1558 | 1564 | 1570 | rVB3 | 17038   | 31646   | 0.87%   | 0.119%  |
| 65 | 11.542 | 1579 | 1581 | 1582 | rBV  | 1641    | 1115    | 0.03%   | 0.004%  |
| 66 | 11.627 | 1588 | 1595 | 1605 | rBV  | 1784263 | 2914641 | 80.27%  | 10.938% |
| 67 | 11.829 | 1626 | 1628 | 1629 | rBV2 | 1793    | 1312    | 0.04%   | 0.005%  |
| 68 | 11.932 | 1640 | 1645 | 1647 | rBV5 | 1937    | 3047    | 0.08%   | 0.011%  |
| 69 | 12.377 | 1716 | 1718 | 1722 | rBV3 | 1221    | 1918    | 0.05%   | 0.007%  |
| 70 | 12.414 | 1722 | 1724 | 1727 | rVB3 | 1122    | 975     | 0.03%   | 0.004%  |
| 71 | 12.603 | 1749 | 1755 | 1762 | rBV  | 68096   | 118842  | 3.27%   | 0.446%  |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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 Sampling : 1  
 Start Thrs: 0.2  
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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\SOM2WLM120519S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 72  | 12.688 | 1762 | 1769 | 1777 | rVV  | 668712  | 1096198 | 30.19% | 4.114% |
| 73  | 12.761 | 1777 | 1781 | 1789 | rVB7 | 4699    | 9969    | 0.27%  | 0.037% |
| 74  | 12.822 | 1789 | 1791 | 1793 | rBV2 | 725     | 835     | 0.02%  | 0.003% |
| 75  | 12.932 | 1801 | 1809 | 1815 | rBV2 | 27148   | 44911   | 1.24%  | 0.169% |
| 76  | 13.024 | 1822 | 1824 | 1828 | rVB3 | 793     | 918     | 0.03%  | 0.003% |
| 77  | 13.164 | 1844 | 1847 | 1848 | rBV3 | 1034    | 933     | 0.03%  | 0.004% |
| 78  | 13.194 | 1848 | 1852 | 1856 | rBV3 | 2947    | 5849    | 0.16%  | 0.022% |
| 79  | 13.298 | 1863 | 1869 | 1874 | rVB2 | 9865    | 17407   | 0.48%  | 0.065% |
| 80  | 13.402 | 1881 | 1886 | 1891 | rBV3 | 6789    | 12411   | 0.34%  | 0.047% |
| 81  | 13.469 | 1891 | 1897 | 1904 | rVV5 | 20946   | 38657   | 1.06%  | 0.145% |
| 82  | 13.554 | 1904 | 1911 | 1924 | rVV  | 1589668 | 2547446 | 70.16% | 9.560% |
| 83  | 13.645 | 1924 | 1926 | 1932 | rVB3 | 8117    | 11373   | 0.31%  | 0.043% |
| 84  | 13.761 | 1941 | 1945 | 1947 | rBV5 | 3883    | 4703    | 0.13%  | 0.018% |
| 85  | 13.853 | 1952 | 1960 | 1967 | rBV  | 1460136 | 2391977 | 65.87% | 8.977% |
| 86  | 13.950 | 1974 | 1976 | 1979 | rVB3 | 3037    | 2662    | 0.07%  | 0.010% |
| 87  | 14.072 | 1984 | 1996 | 2002 | rBV2 | 18342   | 36012   | 0.99%  | 0.135% |
| 88  | 14.164 | 2009 | 2011 | 2014 | rBV4 | 1157    | 1292    | 0.04%  | 0.005% |
| 89  | 14.243 | 2023 | 2024 | 2025 | rBV  | 1817    | 1077    | 0.03%  | 0.004% |
| 90  | 14.328 | 2033 | 2038 | 2047 | rBV3 | 12724   | 24364   | 0.67%  | 0.091% |
| 91  | 14.633 | 2085 | 2088 | 2091 | rVB4 | 1990    | 2106    | 0.06%  | 0.008% |
| 92  | 14.718 | 2100 | 2102 | 2104 | rBV2 | 1556    | 1789    | 0.05%  | 0.007% |
| 93  | 14.926 | 2135 | 2136 | 2137 | rBV  | 1324    | 751     | 0.02%  | 0.003% |
| 94  | 15.041 | 2153 | 2155 | 2157 | rBV3 | 1581    | 1400    | 0.04%  | 0.005% |
| 95  | 15.438 | 2215 | 2220 | 2225 | rVB2 | 12348   | 20516   | 0.56%  | 0.077% |
| 96  | 15.487 | 2226 | 2228 | 2230 | rBV3 | 1731    | 1546    | 0.04%  | 0.006% |
| 97  | 15.633 | 2250 | 2252 | 2253 | rBV2 | 1652    | 949     | 0.03%  | 0.004% |
| 98  | 15.700 | 2258 | 2263 | 2267 | rBV8 | 2087    | 3318    | 0.09%  | 0.012% |
| 99  | 15.944 | 2301 | 2303 | 2305 | rBV3 | 1542    | 1693    | 0.05%  | 0.006% |
| 100 | 16.127 | 2331 | 2333 | 2337 | rVB4 | 2130    | 1920    | 0.05%  | 0.007% |

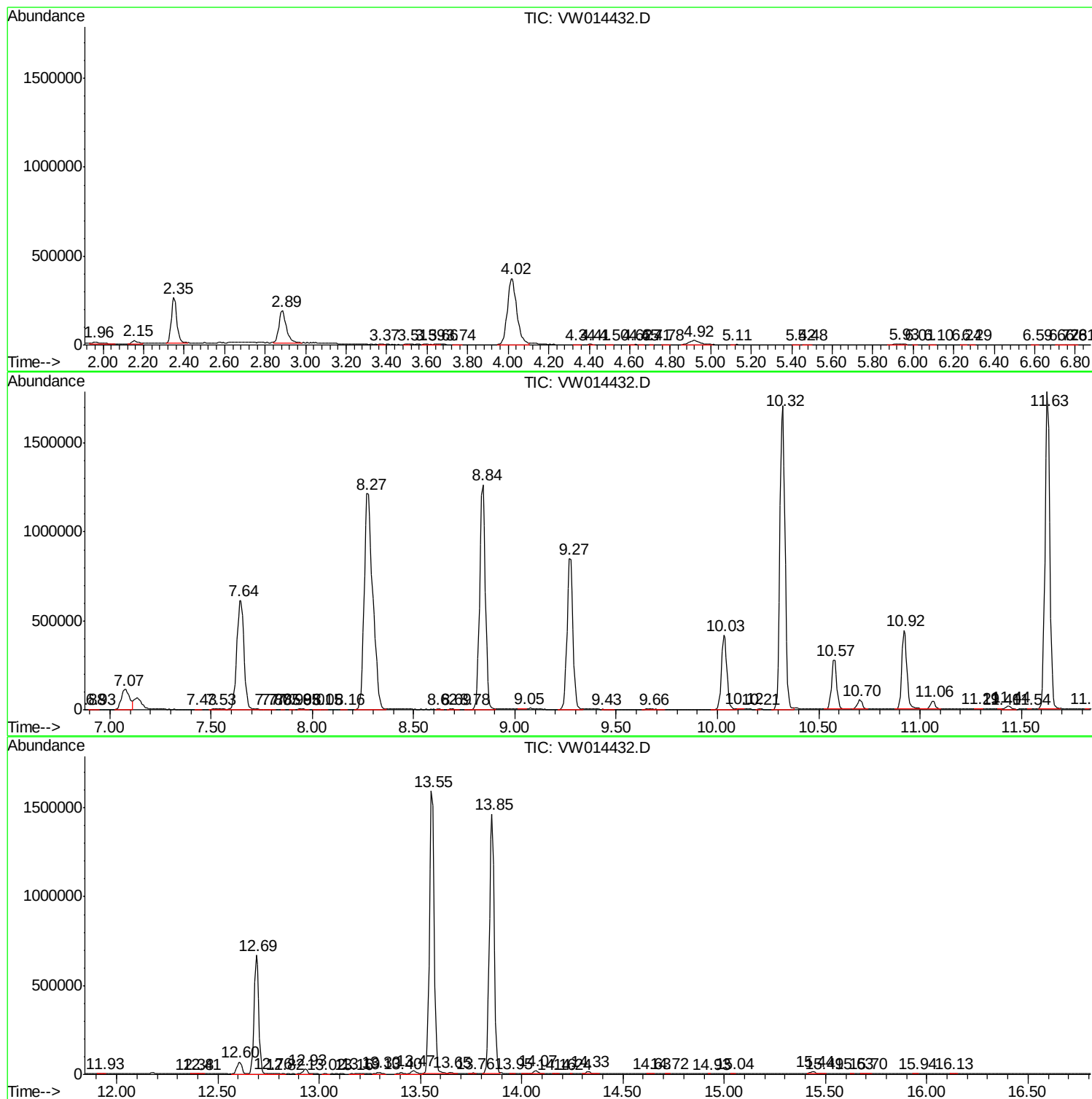
Sum of corrected areas: 26645971

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM120519S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW121819\  
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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        |