

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\  
 Data File : VW017255.D  
 Acq On : 16 Nov 2020 14:33  
 Operator : SY/VA  
 Sample : L4739-11  
 Misc : 5.82G/10ML/MSVOA W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB0Z8

## 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\SOM2WLM110420S.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       | 68            | 74          | 85           | rVB      | 77810          | 154416        | 12.61%          | 1.566%        |
| 2         | 2.891       | 155           | 162         | 177          | rVB2     | 59131          | 148451        | 12.12%          | 1.505%        |
| 3         | 3.257       | 221           | 222         | 224          | rVB      | 528            | 326           | 0.03%           | 0.003%        |
| 4         | 3.337       | 234           | 235         | 237          | rVB      | 386            | 161           | 0.01%           | 0.002%        |
| 5         | 3.355       | 237           | 238         | 239          | rBV      | 309            | 163           | 0.01%           | 0.002%        |
| 6         | 3.452       | 252           | 254         | 257          | rVB2     | 328            | 340           | 0.03%           | 0.003%        |
| 7         | 3.538       | 267           | 268         | 269          | rBV      | 318            | 153           | 0.01%           | 0.002%        |
| 8         | 3.672       | 288           | 290         | 292          | rVB2     | 217            | 156           | 0.01%           | 0.002%        |
| 9         | 3.696       | 292           | 294         | 298          | rVB      | 214            | 236           | 0.02%           | 0.002%        |
| 10        | 4.025       | 336           | 348         | 361          | rBV      | 135668         | 425336        | 34.73%          | 4.313%        |
| 11        | 4.281       | 383           | 390         | 395          | rBV      | 521            | 1105          | 0.09%           | 0.011%        |
| 12        | 4.379       | 401           | 406         | 408          | rBV2     | 311            | 378           | 0.03%           | 0.004%        |
| 13        | 4.568       | 435           | 437         | 440          | rBV      | 183            | 154           | 0.01%           | 0.002%        |
| 14        | 4.672       | 452           | 454         | 457          | rBV      | 148            | 194           | 0.02%           | 0.002%        |
| 15        | 4.763       | 467           | 469         | 472          | rBV2     | 140            | 167           | 0.01%           | 0.002%        |
| 16        | 4.922       | 484           | 495         | 507          | rBV4     | 4644           | 14330         | 1.17%           | 0.145%        |
| 17        | 5.080       | 518           | 521         | 523          | rBV      | 204            | 232           | 0.02%           | 0.002%        |
| 18        | 5.653       | 613           | 615         | 618          | rBV2     | 131            | 159           | 0.01%           | 0.002%        |
| 19        | 5.775       | 631           | 635         | 636          | rBV2     | 530            | 572           | 0.05%           | 0.006%        |
| 20        | 5.897       | 652           | 655         | 656          | rBV      | 260            | 208           | 0.02%           | 0.002%        |
| 21        | 5.946       | 657           | 663         | 670          | rVB6     | 1860           | 5048          | 0.41%           | 0.051%        |
| 22        | 6.001       | 670           | 672         | 675          | rVB2     | 199            | 219           | 0.02%           | 0.002%        |
| 23        | 6.110       | 686           | 690         | 692          | rBV2     | 225            | 308           | 0.03%           | 0.003%        |
| 24        | 6.208       | 704           | 706         | 712          | rVV2     | 422            | 656           | 0.05%           | 0.007%        |
| 25        | 6.391       | 733           | 736         | 737          | rBV2     | 230            | 241           | 0.02%           | 0.002%        |
| 26        | 6.446       | 741           | 745         | 748          | rVV      | 281            | 274           | 0.02%           | 0.003%        |
| 27        | 6.470       | 748           | 749         | 754          | rVB2     | 209            | 195           | 0.02%           | 0.002%        |
| 28        | 6.537       | 758           | 760         | 765          | rBV2     | 149            | 215           | 0.02%           | 0.002%        |
| 29        | 6.604       | 769           | 771         | 772          | rBV      | 201            | 157           | 0.01%           | 0.002%        |
| 30        | 6.866       | 812           | 814         | 815          | rBV2     | 196            | 190           | 0.02%           | 0.002%        |
| 31        | 6.897       | 817           | 819         | 821          | rBV3     | 480            | 517           | 0.04%           | 0.005%        |
| 32        | 6.946       | 825           | 827         | 830          | rVB2     | 482            | 431           | 0.04%           | 0.004%        |
| 33        | 6.982       | 830           | 833         | 835          | rBV2     | 281            | 311           | 0.03%           | 0.003%        |
| 34        | 7.080       | 839           | 849         | 858          | rBV      | 33915          | 99807         | 8.15%           | 1.012%        |

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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\SOM2WLM110420S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 35 | 7.421  | 903  | 905  | 908  | rVV3 | 171    | 192     | 0.02%   | 0.002%  |
| 36 | 7.482  | 913  | 915  | 916  | rBV  | 173    | 152     | 0.01%   | 0.002%  |
| 37 | 7.549  | 918  | 926  | 932  | rVV4 | 2697   | 6595    | 0.54%   | 0.067%  |
| 38 | 7.653  | 932  | 943  | 958  | rVB  | 217188 | 539455  | 44.04%  | 5.471%  |
| 39 | 7.811  | 967  | 969  | 971  | rVB2 | 178    | 160     | 0.01%   | 0.002%  |
| 40 | 7.933  | 986  | 989  | 990  | rBV2 | 498    | 434     | 0.04%   | 0.004%  |
| 41 | 8.031  | 1001 | 1005 | 1006 | rBV  | 194    | 286     | 0.02%   | 0.003%  |
| 42 | 8.092  | 1013 | 1015 | 1019 | rVB2 | 237    | 218     | 0.02%   | 0.002%  |
| 43 | 8.281  | 1035 | 1046 | 1063 | rBV2 | 415200 | 1224869 | 100.00% | 12.422% |
| 44 | 8.470  | 1075 | 1077 | 1078 | rVB  | 227    | 151     | 0.01%   | 0.002%  |
| 45 | 8.488  | 1078 | 1080 | 1081 | rBV  | 169    | 148     | 0.01%   | 0.002%  |
| 46 | 8.549  | 1083 | 1090 | 1099 | rVV4 | 903    | 2139    | 0.17%   | 0.022%  |
| 47 | 8.701  | 1111 | 1115 | 1119 | rVB5 | 551    | 894     | 0.07%   | 0.009%  |
| 48 | 8.842  | 1130 | 1138 | 1151 | rBV  | 487468 | 970253  | 79.21%  | 9.840%  |
| 49 | 9.012  | 1164 | 1166 | 1167 | rVB  | 249    | 180     | 0.01%   | 0.002%  |
| 50 | 9.079  | 1169 | 1177 | 1183 | rVB5 | 1823   | 3472    | 0.28%   | 0.035%  |
| 51 | 9.220  | 1196 | 1200 | 1201 | rBV2 | 234    | 257     | 0.02%   | 0.003%  |
| 52 | 9.274  | 1201 | 1209 | 1219 | rBV  | 279509 | 563972  | 46.04%  | 5.719%  |
| 53 | 9.421  | 1228 | 1233 | 1239 | rVB5 | 876    | 2086    | 0.17%   | 0.021%  |
| 54 | 9.665  | 1268 | 1273 | 1278 | rBV3 | 1313   | 2245    | 0.18%   | 0.023%  |
| 55 | 9.860  | 1302 | 1305 | 1306 | rBV2 | 155    | 163     | 0.01%   | 0.002%  |
| 56 | 10.037 | 1325 | 1334 | 1343 | rBV  | 156773 | 281626  | 22.99%  | 2.856%  |
| 57 | 10.195 | 1359 | 1360 | 1361 | rBV  | 237    | 146     | 0.01%   | 0.001%  |
| 58 | 10.226 | 1364 | 1365 | 1368 | rVB2 | 320    | 182     | 0.01%   | 0.002%  |
| 59 | 10.323 | 1373 | 1381 | 1389 | rBV  | 615677 | 1098708 | 89.70%  | 11.142% |
| 60 | 10.488 | 1406 | 1408 | 1409 | rBV  | 215    | 216     | 0.02%   | 0.002%  |
| 61 | 10.579 | 1416 | 1423 | 1437 | rBV  | 105908 | 176211  | 14.39%  | 1.787%  |
| 62 | 10.707 | 1437 | 1444 | 1452 | rVB  | 25074  | 44784   | 3.66%   | 0.454%  |
| 63 | 10.860 | 1465 | 1469 | 1473 | rVV4 | 1316   | 2342    | 0.19%   | 0.024%  |
| 64 | 10.927 | 1473 | 1480 | 1500 | rVV  | 141428 | 237848  | 19.42%  | 2.412%  |
| 65 | 11.079 | 1500 | 1505 | 1510 | rVV5 | 3690   | 6552    | 0.53%   | 0.066%  |
| 66 | 11.140 | 1512 | 1515 | 1516 | rBV2 | 389    | 321     | 0.03%   | 0.003%  |
| 67 | 11.238 | 1527 | 1531 | 1533 | rBV  | 283    | 298     | 0.02%   | 0.003%  |
| 68 | 11.475 | 1567 | 1570 | 1571 | rBV2 | 172    | 199     | 0.02%   | 0.002%  |
| 69 | 11.530 | 1578 | 1579 | 1582 | rVB2 | 174    | 163     | 0.01%   | 0.002%  |
| 70 | 11.634 | 1588 | 1596 | 1605 | rBV  | 708189 | 1181877 | 96.49%  | 11.986% |
| 71 | 11.835 | 1625 | 1629 | 1635 | rVB3 | 1467   | 2532    | 0.21%   | 0.026%  |

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 GB0Z8

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Integrator: RTE  
 Smoothing : OFF  
 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\SOM2WLM110420S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 72  | 12.097 | 1669 | 1672 | 1673 | rBV  | 398    | 433     | 0.04%  | 0.004%  |
| 73  | 12.170 | 1680 | 1684 | 1687 | rVB3 | 696    | 851     | 0.07%  | 0.009%  |
| 74  | 12.201 | 1687 | 1689 | 1692 | rBV3 | 355    | 423     | 0.03%  | 0.004%  |
| 75  | 12.243 | 1694 | 1696 | 1699 | rBV2 | 226    | 254     | 0.02%  | 0.003%  |
| 76  | 12.335 | 1705 | 1711 | 1718 | rBV4 | 1476   | 2944    | 0.24%  | 0.030%  |
| 77  | 12.469 | 1732 | 1733 | 1738 | rVB2 | 283    | 269     | 0.02%  | 0.003%  |
| 78  | 12.506 | 1738 | 1739 | 1742 | rBV2 | 211    | 238     | 0.02%  | 0.002%  |
| 79  | 12.536 | 1742 | 1744 | 1747 | rVB  | 184    | 150     | 0.01%  | 0.002%  |
| 80  | 12.609 | 1747 | 1756 | 1762 | rBV  | 38552  | 64592   | 5.27%  | 0.655%  |
| 81  | 12.695 | 1762 | 1770 | 1777 | rVV  | 249841 | 412939  | 33.71% | 4.188%  |
| 82  | 12.756 | 1777 | 1780 | 1786 | rVB4 | 1041   | 1717    | 0.14%  | 0.017%  |
| 83  | 12.890 | 1800 | 1802 | 1806 | rBV3 | 568    | 890     | 0.07%  | 0.009%  |
| 84  | 12.938 | 1806 | 1810 | 1818 | rVB5 | 1543   | 3456    | 0.28%  | 0.035%  |
| 85  | 12.999 | 1818 | 1820 | 1821 | rBV  | 353    | 354     | 0.03%  | 0.004%  |
| 86  | 13.060 | 1825 | 1830 | 1833 | rBV2 | 331    | 641     | 0.05%  | 0.007%  |
| 87  | 13.188 | 1848 | 1851 | 1856 | rVB3 | 906    | 1327    | 0.11%  | 0.013%  |
| 88  | 13.268 | 1856 | 1864 | 1874 | rVB7 | 3093   | 7981    | 0.65%  | 0.081%  |
| 89  | 13.402 | 1882 | 1886 | 1891 | rVB5 | 2690   | 4503    | 0.37%  | 0.046%  |
| 90  | 13.463 | 1895 | 1896 | 1897 | rBV5 | 370    | 239     | 0.02%  | 0.002%  |
| 91  | 13.560 | 1905 | 1912 | 1922 | rBV  | 711958 | 1127291 | 92.03% | 11.432% |
| 92  | 13.652 | 1923 | 1927 | 1933 | rVB2 | 9006   | 13825   | 1.13%  | 0.140%  |
| 93  | 13.761 | 1940 | 1945 | 1950 | rBV5 | 1156   | 2286    | 0.19%  | 0.023%  |
| 94  | 13.853 | 1953 | 1960 | 1971 | rBV  | 581409 | 959430  | 78.33% | 9.730%  |
| 95  | 14.072 | 1990 | 1996 | 2002 | rVB2 | 17857  | 29975   | 2.45%  | 0.304%  |
| 96  | 14.328 | 2034 | 2038 | 2045 | rVB4 | 4936   | 7463    | 0.61%  | 0.076%  |
| 97  | 14.444 | 2055 | 2057 | 2060 | rBV2 | 285    | 363     | 0.03%  | 0.004%  |
| 98  | 14.524 | 2067 | 2070 | 2078 | rVB3 | 1890   | 3055    | 0.25%  | 0.031%  |
| 99  | 15.499 | 2226 | 2230 | 2236 | rVB3 | 2257   | 4329    | 0.35%  | 0.044%  |
| 100 | 16.023 | 2314 | 2316 | 2317 | rBV  | 621    | 309     | 0.03%  | 0.003%  |

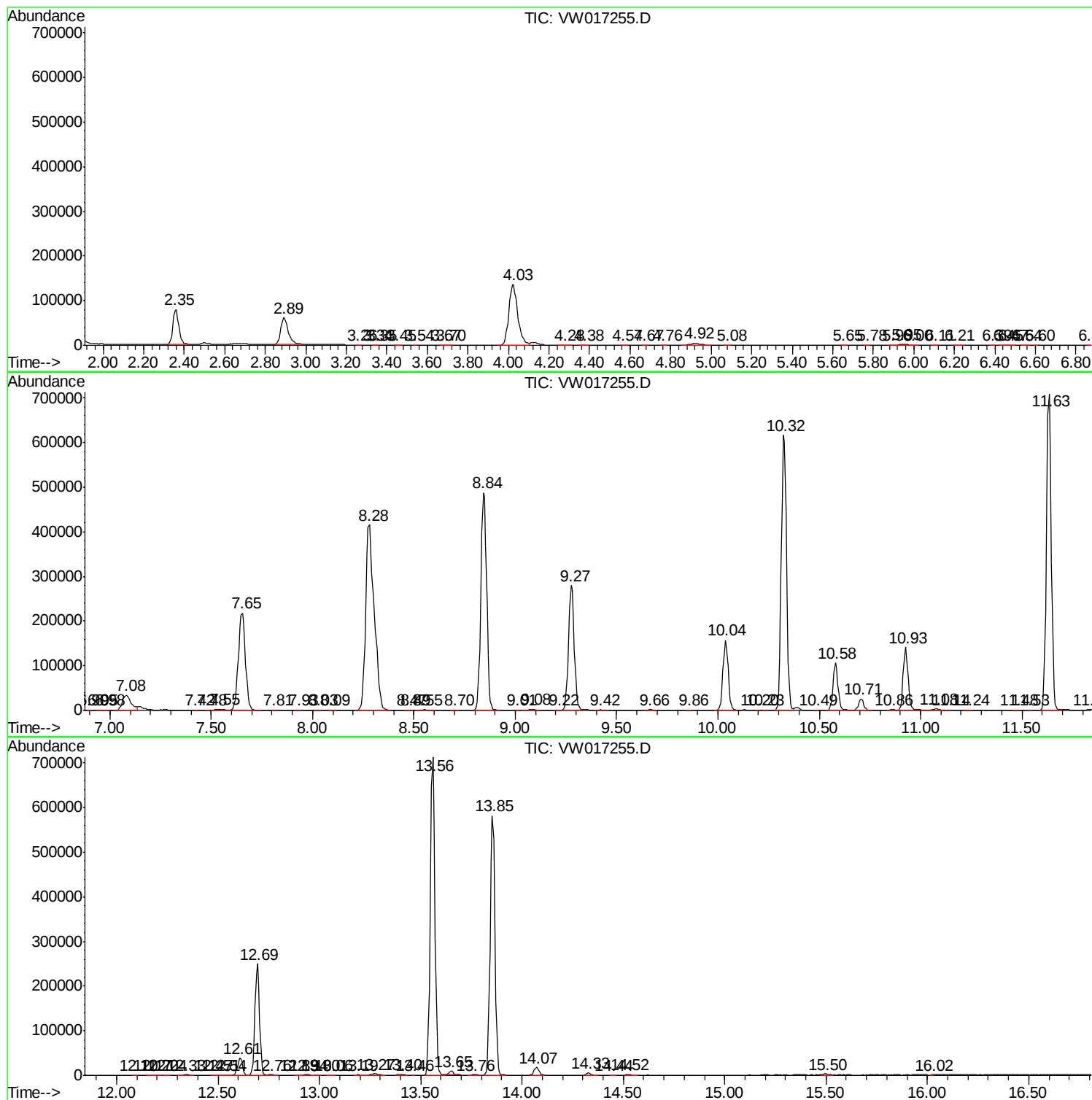
Sum of corrected areas: 9860659

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM110420S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW111620\  
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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          |