

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100518\  
 Data File : VW005861.D  
 Acq On : 04 Oct 2018 17:45  
 Operator : SY/AP  
 Sample : J5251-04  
 Misc : 4.09G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 H2TS4

## 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\SOM2WLM092818S.M  
 Title : VOC Analysis

Signal : TIC

| peak # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 2.099    | 30         | 32       | 33        | rBV   | 314         | 272        | 0.03%        | 0.004%     |
| 2      | 2.154    | 35         | 41       | 43        | rBV3  | 1804        | 2889       | 0.32%        | 0.043%     |
| 3      | 2.288    | 61         | 63       | 65        | rBV2  | 956         | 841        | 0.09%        | 0.013%     |
| 4      | 2.355    | 66         | 74       | 90        | rVB   | 36062       | 75409      | 8.45%        | 1.126%     |
| 5      | 2.642    | 119        | 121      | 122       | rBV2  | 804         | 380        | 0.04%        | 0.006%     |
| 6      | 2.684    | 122        | 128      | 130       | rBV7  | 1565        | 2451       | 0.27%        | 0.037%     |
| 7      | 2.898    | 155        | 163      | 176       | rBV2  | 25193       | 67036      | 7.51%        | 1.001%     |
| 8      | 3.056    | 186        | 189      | 193       | rVB5  | 997         | 1156       | 0.13%        | 0.017%     |
| 9      | 3.093    | 193        | 195      | 196       | rBV   | 575         | 302        | 0.03%        | 0.005%     |
| 10     | 3.251    | 220        | 221      | 223       | rBV2  | 987         | 756        | 0.08%        | 0.011%     |
| 11     | 3.318    | 230        | 232      | 237       | rVB4  | 880         | 890        | 0.10%        | 0.013%     |
| 12     | 3.385    | 237        | 243      | 246       | rBV6  | 1254        | 2458       | 0.28%        | 0.037%     |
| 13     | 3.452    | 253        | 254      | 255       | rBV   | 944         | 567        | 0.06%        | 0.008%     |
| 14     | 3.495    | 258        | 261      | 263       | rBV4  | 711         | 759        | 0.09%        | 0.011%     |
| 15     | 3.556    | 270        | 271      | 273       | rVB2  | 688         | 479        | 0.05%        | 0.007%     |
| 16     | 3.593    | 273        | 277      | 278       | rBV4  | 1074        | 1522       | 0.17%        | 0.023%     |
| 17     | 3.647    | 284        | 286      | 291       | rVB3  | 1313        | 1272       | 0.14%        | 0.019%     |
| 18     | 3.715    | 296        | 297      | 300       | rVB2  | 482         | 272        | 0.03%        | 0.004%     |
| 19     | 3.836    | 314        | 317      | 318       | rBV3  | 424         | 425        | 0.05%        | 0.006%     |
| 20     | 3.855    | 318        | 320      | 325       | rVV3  | 767         | 1205       | 0.14%        | 0.018%     |
| 21     | 4.007    | 333        | 345      | 360       | rBV2  | 65038       | 213279     | 23.91%       | 3.184%     |
| 22     | 4.123    | 363        | 364      | 373       | rVB6  | 2275        | 4669       | 0.52%        | 0.070%     |
| 23     | 4.227    | 379        | 381      | 384       | rBV2  | 306         | 323        | 0.04%        | 0.005%     |
| 24     | 4.269    | 386        | 388      | 389       | rBV   | 367         | 278        | 0.03%        | 0.004%     |
| 25     | 4.422    | 406        | 413      | 414       | rVV4  | 684         | 1348       | 0.15%        | 0.020%     |
| 26     | 4.434    | 414        | 415      | 418       | rVV2  | 751         | 643        | 0.07%        | 0.010%     |
| 27     | 4.599    | 438        | 442      | 443       | rVV3  | 813         | 1036       | 0.12%        | 0.015%     |
| 28     | 4.617    | 443        | 445      | 450       | rVV4  | 1024        | 1797       | 0.20%        | 0.027%     |
| 29     | 4.678    | 452        | 455      | 459       | rVV3  | 807         | 1247       | 0.14%        | 0.019%     |
| 30     | 4.916    | 480        | 494      | 511       | rBV3  | 11266       | 41633      | 4.67%        | 0.622%     |
| 31     | 5.086    | 518        | 522      | 524       | rBV3  | 267         | 385        | 0.04%        | 0.006%     |
| 32     | 5.105    | 524        | 525      | 528       | rVV2  | 291         | 302        | 0.03%        | 0.005%     |
| 33     | 5.135    | 528        | 530      | 532       | rVV2  | 400         | 481        | 0.05%        | 0.007%     |
| 34     | 5.202    | 538        | 541      | 544       | rVV2  | 394         | 540        | 0.06%        | 0.008%     |

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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\SOM2WLM092818S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.385 | 568  | 571  | 573  | rBV2 | 241    | 341    | 0.04%  | 0.005%  |
| 36 | 5.415 | 573  | 576  | 579  | rBV2 | 262    | 314    | 0.04%  | 0.005%  |
| 37 | 5.446 | 579  | 581  | 583  | rVB2 | 433    | 330    | 0.04%  | 0.005%  |
| 38 | 5.653 | 613  | 615  | 619  | rVB3 | 290    | 319    | 0.04%  | 0.005%  |
| 39 | 5.745 | 627  | 630  | 632  | rBV2 | 284    | 335    | 0.04%  | 0.005%  |
| 40 | 5.940 | 652  | 662  | 670  | rBV4 | 5849   | 17515  | 1.96%  | 0.262%  |
| 41 | 6.050 | 678  | 680  | 684  | rBV3 | 262    | 456    | 0.05%  | 0.007%  |
| 42 | 6.135 | 686  | 694  | 696  | rBV4 | 259    | 518    | 0.06%  | 0.008%  |
| 43 | 6.287 | 715  | 719  | 721  | rBV2 | 491    | 504    | 0.06%  | 0.008%  |
| 44 | 6.397 | 734  | 737  | 738  | rVB  | 365    | 336    | 0.04%  | 0.005%  |
| 45 | 6.421 | 738  | 741  | 744  | rBV2 | 256    | 377    | 0.04%  | 0.006%  |
| 46 | 6.488 | 749  | 752  | 756  | rBV3 | 215    | 300    | 0.03%  | 0.004%  |
| 47 | 6.531 | 756  | 759  | 763  | rVB2 | 223    | 307    | 0.03%  | 0.005%  |
| 48 | 6.927 | 821  | 824  | 826  | rBV3 | 216    | 300    | 0.03%  | 0.004%  |
| 49 | 7.080 | 839  | 849  | 854  | rBV  | 26707  | 67489  | 7.57%  | 1.008%  |
| 50 | 7.147 | 854  | 860  | 873  | rVB2 | 32861  | 95151  | 10.67% | 1.421%  |
| 51 | 7.269 | 879  | 880  | 886  | rVB2 | 331    | 278    | 0.03%  | 0.004%  |
| 52 | 7.379 | 895  | 898  | 899  | rBV2 | 537    | 407    | 0.05%  | 0.006%  |
| 53 | 7.391 | 899  | 900  | 901  | rBV  | 499    | 340    | 0.04%  | 0.005%  |
| 54 | 7.421 | 901  | 905  | 907  | rVB4 | 640    | 882    | 0.10%  | 0.013%  |
| 55 | 7.494 | 911  | 917  | 919  | rBV3 | 2121   | 4181   | 0.47%  | 0.062%  |
| 56 | 7.653 | 929  | 943  | 953  | rVB  | 130627 | 323153 | 36.23% | 4.825%  |
| 57 | 7.726 | 953  | 955  | 958  | rVB2 | 439    | 420    | 0.05%  | 0.006%  |
| 58 | 7.787 | 962  | 965  | 966  | rBV2 | 562    | 550    | 0.06%  | 0.008%  |
| 59 | 7.805 | 966  | 968  | 971  | rVB3 | 385    | 430    | 0.05%  | 0.006%  |
| 60 | 7.836 | 971  | 973  | 976  | rVB3 | 524    | 433    | 0.05%  | 0.006%  |
| 61 | 7.878 | 976  | 980  | 981  | rBV3 | 598    | 671    | 0.08%  | 0.010%  |
| 62 | 7.915 | 985  | 986  | 990  | rVB2 | 577    | 379    | 0.04%  | 0.006%  |
| 63 | 8.037 | 1004 | 1006 | 1008 | rBV3 | 388    | 316    | 0.04%  | 0.005%  |
| 64 | 8.061 | 1008 | 1010 | 1013 | rBV2 | 305    | 358    | 0.04%  | 0.005%  |
| 65 | 8.116 | 1018 | 1019 | 1020 | rBV2 | 755    | 400    | 0.04%  | 0.006%  |
| 66 | 8.128 | 1020 | 1021 | 1023 | rVB2 | 417    | 305    | 0.03%  | 0.005%  |
| 67 | 8.159 | 1023 | 1026 | 1027 | rVB3 | 450    | 308    | 0.03%  | 0.005%  |
| 68 | 8.281 | 1027 | 1046 | 1060 | rBV3 | 244022 | 808787 | 90.67% | 12.076% |
| 69 | 8.610 | 1095 | 1100 | 1101 | rBV5 | 1137   | 1928   | 0.22%  | 0.029%  |
| 70 | 8.640 | 1101 | 1105 | 1107 | rVV4 | 1801   | 2954   | 0.33%  | 0.044%  |
| 71 | 8.677 | 1109 | 1111 | 1112 | rVV2 | 818    | 861    | 0.10%  | 0.013%  |

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Instrument :  
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## Integration Parameters: LSCINT.P

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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\SOM2WLM092818S.M  
Title : VOC Analysis

|     |        |      |      |      |      |        |        |         |         |
|-----|--------|------|------|------|------|--------|--------|---------|---------|
| 72  | 8.701  | 1112 | 1115 | 1119 | rVB5 | 1440   | 2085   | 0.23%   | 0.031%  |
| 73  | 8.769  | 1124 | 1126 | 1127 | rVB2 | 683    | 460    | 0.05%   | 0.007%  |
| 74  | 8.848  | 1127 | 1139 | 1150 | rBV  | 354244 | 694327 | 77.84%  | 10.367% |
| 75  | 9.037  | 1166 | 1170 | 1171 | rBV3 | 1377   | 1188   | 0.13%   | 0.018%  |
| 76  | 9.086  | 1173 | 1178 | 1184 | rVB9 | 3343   | 6859   | 0.77%   | 0.102%  |
| 77  | 9.146  | 1186 | 1188 | 1189 | rBV2 | 555    | 307    | 0.03%   | 0.005%  |
| 78  | 9.159  | 1189 | 1190 | 1194 | rVB4 | 1205   | 926    | 0.10%   | 0.014%  |
| 79  | 9.195  | 1194 | 1196 | 1197 | rBV2 | 490    | 300    | 0.03%   | 0.004%  |
| 80  | 9.281  | 1201 | 1210 | 1219 | rBV  | 156828 | 326576 | 36.61%  | 4.876%  |
| 81  | 9.415  | 1230 | 1232 | 1233 | rVB2 | 1025   | 544    | 0.06%   | 0.008%  |
| 82  | 9.451  | 1236 | 1238 | 1240 | rVB3 | 875    | 696    | 0.08%   | 0.010%  |
| 83  | 9.671  | 1268 | 1274 | 1277 | rBV7 | 2079   | 3931   | 0.44%   | 0.059%  |
| 84  | 9.762  | 1287 | 1289 | 1292 | rBV4 | 1108   | 1362   | 0.15%   | 0.020%  |
| 85  | 9.799  | 1292 | 1295 | 1296 | rBV3 | 1304   | 1205   | 0.14%   | 0.018%  |
| 86  | 9.866  | 1304 | 1306 | 1307 | rBV2 | 1807   | 1567   | 0.18%   | 0.023%  |
| 87  | 9.957  | 1314 | 1321 | 1324 | rBV9 | 1478   | 4269   | 0.48%   | 0.064%  |
| 88  | 9.988  | 1324 | 1326 | 1327 | rVV2 | 1931   | 1308   | 0.15%   | 0.020%  |
| 89  | 10.037 | 1328 | 1334 | 1344 | rVB  | 97294  | 177171 | 19.86%  | 2.645%  |
| 90  | 10.329 | 1374 | 1382 | 1390 | rBV  | 326702 | 596879 | 66.91%  | 8.912%  |
| 91  | 10.579 | 1417 | 1423 | 1431 | rBV  | 68141  | 119738 | 13.42%  | 1.788%  |
| 92  | 10.713 | 1439 | 1445 | 1451 | rBV  | 42640  | 76497  | 8.58%   | 1.142%  |
| 93  | 10.927 | 1475 | 1480 | 1486 | rBV  | 105456 | 186188 | 20.87%  | 2.780%  |
| 94  | 11.067 | 1499 | 1503 | 1510 | rVB  | 26937  | 44323  | 4.97%   | 0.662%  |
| 95  | 11.445 | 1561 | 1565 | 1570 | rVB  | 35967  | 56736  | 6.36%   | 0.847%  |
| 96  | 11.634 | 1590 | 1596 | 1605 | rBV  | 541056 | 892041 | 100.00% | 13.319% |
| 97  | 12.615 | 1752 | 1757 | 1762 | rVB  | 59477  | 98546  | 11.05%  | 1.471%  |
| 98  | 12.695 | 1765 | 1770 | 1778 | rVV  | 164616 | 282327 | 31.65%  | 4.215%  |
| 99  | 13.566 | 1907 | 1913 | 1920 | rVB  | 501802 | 827638 | 92.78%  | 12.357% |
| 100 | 13.859 | 1956 | 1961 | 1968 | rVB  | 322527 | 529166 | 59.32%  | 7.901%  |

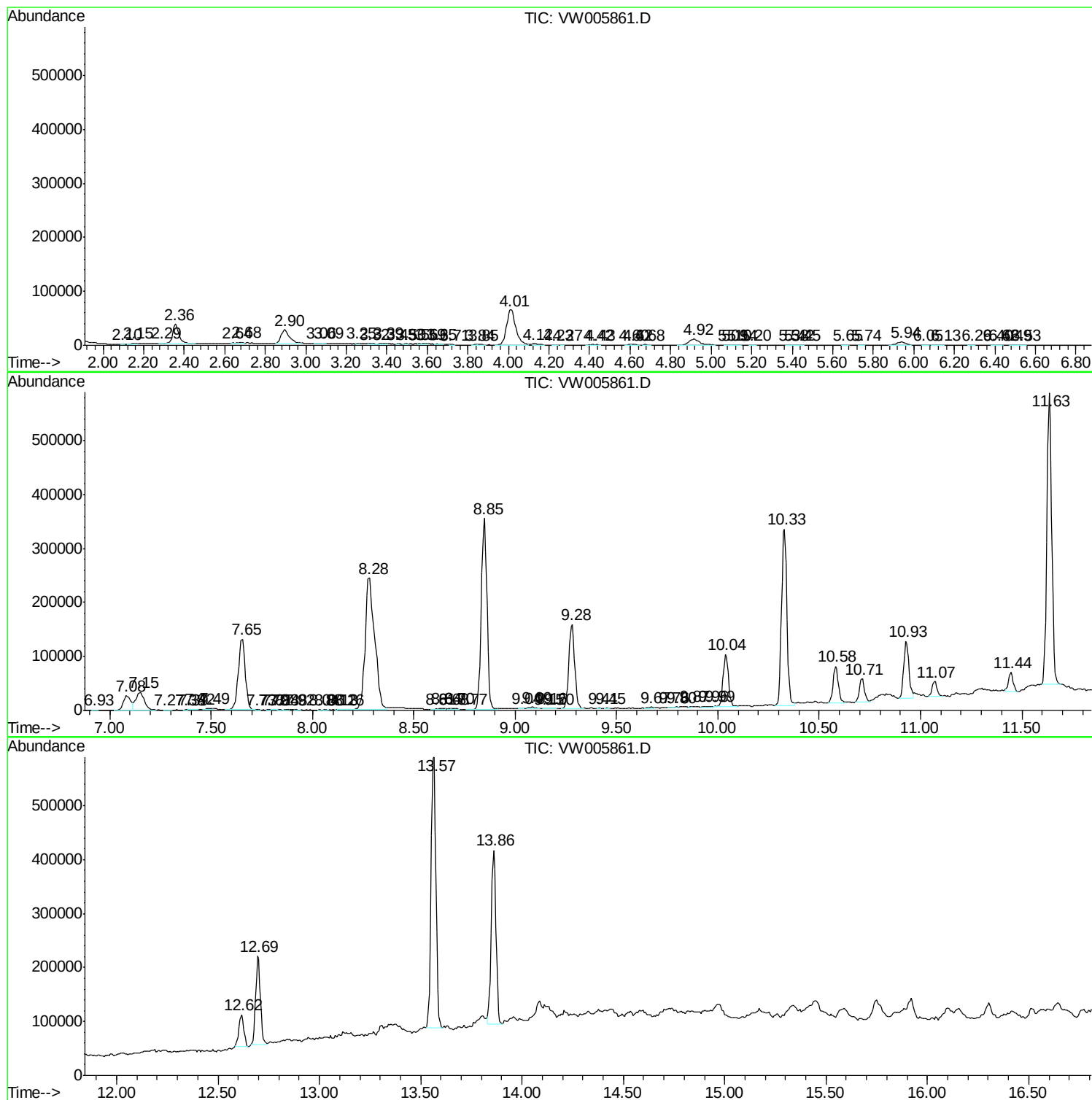
Sum of corrected areas: 6697695

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM092818S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW100518\  
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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          |