

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV122018\  
 Data File : VV009109.D  
 Acq On : 21 Dec 2018 03:09  
 Operator : SY/MD  
 Sample : J6487-01  
 Misc : 5.87 G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F9H07

## 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\_V\METHOD\SOM2VLM120618S.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      | 1.312    | 62         | 69       | 82        | rVB   | 66960       | 73544      | 10.90%       | 1.568%     |
| 2      | 1.576    | 144        | 151      | 161       | rVB   | 73358       | 84848      | 12.57%       | 1.809%     |
| 3      | 1.971    | 270        | 274      | 279       | rVB3  | 725         | 634        | 0.09%        | 0.014%     |
| 4      | 2.049    | 292        | 298      | 304       | rBV3  | 1261        | 1765       | 0.26%        | 0.038%     |
| 5      | 2.129    | 310        | 323      | 336       | rBV   | 153471      | 228952     | 33.92%       | 4.882%     |
| 6      | 2.425    | 412        | 415      | 416       | rBV   | 448         | 244        | 0.04%        | 0.005%     |
| 7      | 2.534    | 438        | 449      | 462       | rBV2  | 14549       | 24887      | 3.69%        | 0.531%     |
| 8      | 2.605    | 468        | 471      | 476       | rBB2  | 248         | 192        | 0.03%        | 0.004%     |
| 9      | 2.653    | 476        | 486      | 497       | rBV   | 2300        | 4400       | 0.65%        | 0.094%     |
| 10     | 2.743    | 511        | 514      | 519       | rBV   | 189         | 183        | 0.03%        | 0.004%     |
| 11     | 2.840    | 541        | 544      | 548       | rBV   | 163         | 194        | 0.03%        | 0.004%     |
| 12     | 2.904    | 561        | 564      | 570       | rBV   | 292         | 314        | 0.05%        | 0.007%     |
| 13     | 3.074    | 605        | 617      | 629       | rBV5  | 2872        | 5714       | 0.85%        | 0.122%     |
| 14     | 3.132    | 631        | 635      | 637       | rBV   | 250         | 208        | 0.03%        | 0.004%     |
| 15     | 3.180    | 647        | 650      | 655       | rBV   | 293         | 281        | 0.04%        | 0.006%     |
| 16     | 3.312    | 688        | 691      | 693       | rBV   | 179         | 141        | 0.02%        | 0.003%     |
| 17     | 3.367    | 705        | 708      | 711       | rBV   | 212         | 187        | 0.03%        | 0.004%     |
| 18     | 3.431    | 723        | 728      | 730       | rBB   | 196         | 171        | 0.03%        | 0.004%     |
| 19     | 3.483    | 736        | 744      | 751       | rBV   | 177         | 391        | 0.06%        | 0.008%     |
| 20     | 3.518    | 751        | 755      | 760       | rVB2  | 357         | 387        | 0.06%        | 0.008%     |
| 21     | 3.724    | 817        | 819      | 822       | rBB   | 280         | 150        | 0.02%        | 0.003%     |
| 22     | 3.772    | 831        | 834      | 838       | rBV   | 176         | 179        | 0.03%        | 0.004%     |
| 23     | 3.820    | 846        | 849      | 850       | rBV   | 258         | 146        | 0.02%        | 0.003%     |
| 24     | 3.955    | 873        | 891      | 930       | rBV3  | 28533       | 124385     | 18.43%       | 2.652%     |
| 25     | 4.283    | 989        | 993      | 994       | rBV2  | 263         | 151        | 0.02%        | 0.003%     |
| 26     | 4.402    | 1011       | 1030     | 1055      | rBV2  | 115809      | 290747     | 43.07%       | 6.200%     |
| 27     | 4.766    | 1139       | 1143     | 1146      | rBB2  | 257         | 222        | 0.03%        | 0.005%     |
| 28     | 4.804    | 1151       | 1155     | 1156      | rBV   | 238         | 166        | 0.02%        | 0.004%     |
| 29     | 4.897    | 1180       | 1184     | 1190      | rBV2  | 253         | 329        | 0.05%        | 0.007%     |
| 30     | 5.097    | 1227       | 1246     | 1273      | rBV2  | 267824      | 675013     | 100.00%      | 14.394%    |
| 31     | 5.254    | 1294       | 1295     | 1301      | rVB   | 294         | 199        | 0.03%        | 0.004%     |
| 32     | 5.364    | 1325       | 1329     | 1334      | rVV2  | 227         | 251        | 0.04%        | 0.005%     |
| 33     | 5.402    | 1339       | 1341     | 1344      | rBB   | 296         | 157        | 0.02%        | 0.003%     |
| 34     | 5.444    | 1351       | 1354     | 1357      | rBB2  | 278         | 176        | 0.03%        | 0.004%     |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.473 | 1360 | 1363 | 1365 | rBB  | 246    | 157    | 0.02%  | 0.003%  |
| 36 | 5.534 | 1378 | 1382 | 1384 | rBV2 | 370    | 282    | 0.04%  | 0.006%  |
| 37 | 5.663 | 1407 | 1422 | 1445 | rVV  | 229009 | 457025 | 67.71% | 9.746%  |
| 38 | 5.949 | 1499 | 1511 | 1525 | rVB5 | 15487  | 31631  | 4.69%  | 0.675%  |
| 39 | 6.119 | 1550 | 1564 | 1590 | rBV  | 151236 | 311113 | 46.09% | 6.634%  |
| 40 | 6.238 | 1599 | 1601 | 1603 | rBV2 | 510    | 270    | 0.04%  | 0.006%  |
| 41 | 6.364 | 1637 | 1640 | 1644 | rVB2 | 321    | 279    | 0.04%  | 0.006%  |
| 42 | 6.396 | 1644 | 1650 | 1653 | rBB2 | 266    | 288    | 0.04%  | 0.006%  |
| 43 | 6.444 | 1663 | 1665 | 1668 | rVB  | 291    | 160    | 0.02%  | 0.003%  |
| 44 | 6.624 | 1717 | 1721 | 1723 | rBV  | 252    | 213    | 0.03%  | 0.005%  |
| 45 | 6.650 | 1725 | 1729 | 1732 | rBB  | 267    | 196    | 0.03%  | 0.004%  |
| 46 | 6.730 | 1751 | 1754 | 1757 | rBB  | 199    | 147    | 0.02%  | 0.003%  |
| 47 | 6.820 | 1778 | 1782 | 1783 | rVV2 | 724    | 444    | 0.07%  | 0.009%  |
| 48 | 6.901 | 1804 | 1807 | 1810 | rBV2 | 259    | 210    | 0.03%  | 0.004%  |
| 49 | 6.958 | 1821 | 1825 | 1828 | rBB2 | 285    | 233    | 0.03%  | 0.005%  |
| 50 | 7.029 | 1835 | 1847 | 1871 | rBV  | 75726  | 138677 | 20.54% | 2.957%  |
| 51 | 7.277 | 1917 | 1924 | 1925 | rBV2 | 1046   | 802    | 0.12%  | 0.017%  |
| 52 | 7.360 | 1937 | 1950 | 1968 | rBV  | 308058 | 538375 | 79.76% | 11.480% |
| 53 | 7.595 | 2019 | 2023 | 2026 | rBB2 | 258    | 188    | 0.03%  | 0.004%  |
| 54 | 7.666 | 2034 | 2045 | 2061 | rBV  | 50758  | 85943  | 12.73% | 1.833%  |
| 55 | 7.817 | 2088 | 2092 | 2094 | rBV2 | 205    | 196    | 0.03%  | 0.004%  |
| 56 | 7.984 | 2138 | 2144 | 2151 | rVB4 | 1379   | 2066   | 0.31%  | 0.044%  |
| 57 | 8.016 | 2151 | 2154 | 2158 | rBV  | 616    | 445    | 0.07%  | 0.009%  |
| 58 | 8.138 | 2181 | 2192 | 2227 | rVV5 | 53944  | 140921 | 20.88% | 3.005%  |
| 59 | 8.293 | 2237 | 2240 | 2244 | rVB3 | 575    | 386    | 0.06%  | 0.008%  |
| 60 | 8.425 | 2278 | 2281 | 2284 | rVB2 | 487    | 267    | 0.04%  | 0.006%  |
| 61 | 8.460 | 2285 | 2292 | 2308 | rBV4 | 1564   | 3660   | 0.54%  | 0.078%  |
| 62 | 8.540 | 2314 | 2317 | 2320 | rVB2 | 200    | 150    | 0.02%  | 0.003%  |
| 63 | 8.624 | 2341 | 2343 | 2347 | rVB2 | 271    | 199    | 0.03%  | 0.004%  |
| 64 | 8.646 | 2348 | 2350 | 2354 | rBV  | 262    | 186    | 0.03%  | 0.004%  |
| 65 | 8.682 | 2359 | 2361 | 2364 | rBV  | 301    | 216    | 0.03%  | 0.005%  |
| 66 | 8.897 | 2416 | 2428 | 2462 | rVB  | 307676 | 517353 | 76.64% | 11.032% |
| 67 | 9.058 | 2472 | 2478 | 2482 | rBV  | 804    | 1082   | 0.16%  | 0.023%  |
| 68 | 9.177 | 2509 | 2515 | 2526 | rVB4 | 1249   | 2140   | 0.32%  | 0.046%  |
| 69 | 9.222 | 2526 | 2529 | 2534 | rBB  | 160    | 172    | 0.03%  | 0.004%  |
| 70 | 9.248 | 2534 | 2537 | 2541 | rBV  | 252    | 233    | 0.03%  | 0.005%  |
| 71 | 9.444 | 2594 | 2598 | 2602 | rBV2 | 163    | 151    | 0.02%  | 0.003%  |

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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\_V\METHOD\SOM2VLM120618S.M  
Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 9.598  | 2638 | 2646 | 2653 | rBV7 | 1090   | 1862   | 0.28%  | 0.040% |
| 73  | 9.704  | 2676 | 2679 | 2681 | rBV  | 171    | 150    | 0.02%  | 0.003% |
| 74  | 10.064 | 2789 | 2791 | 2797 | rVB  | 295    | 242    | 0.04%  | 0.005% |
| 75  | 10.100 | 2798 | 2802 | 2804 | rBV  | 178    | 187    | 0.03%  | 0.004% |
| 76  | 10.264 | 2841 | 2853 | 2871 | rVV  | 122950 | 194492 | 28.81% | 4.147% |
| 77  | 10.428 | 2895 | 2904 | 2917 | rVB3 | 10952  | 17903  | 2.65%  | 0.382% |
| 78  | 10.505 | 2924 | 2928 | 2930 | rBV  | 270    | 188    | 0.03%  | 0.004% |
| 79  | 10.566 | 2942 | 2947 | 2950 | rBV2 | 292    | 331    | 0.05%  | 0.007% |
| 80  | 10.624 | 2960 | 2965 | 2967 | rBV  | 506    | 417    | 0.06%  | 0.009% |
| 81  | 10.955 | 3064 | 3068 | 3071 | rBV  | 428    | 327    | 0.05%  | 0.007% |
| 82  | 11.190 | 3138 | 3141 | 3148 | rVB5 | 1095   | 1128   | 0.17%  | 0.024% |
| 83  | 11.235 | 3150 | 3155 | 3158 | rVB3 | 709    | 661    | 0.10%  | 0.014% |
| 84  | 11.299 | 3163 | 3175 | 3191 | rBV  | 222909 | 364703 | 54.03% | 7.777% |
| 85  | 11.367 | 3195 | 3196 | 3199 | rBV  | 377    | 230    | 0.03%  | 0.005% |
| 86  | 11.434 | 3207 | 3217 | 3221 | rBV3 | 682    | 921    | 0.14%  | 0.020% |
| 87  | 11.469 | 3225 | 3228 | 3230 | rBV  | 571    | 255    | 0.04%  | 0.005% |
| 88  | 11.585 | 3260 | 3264 | 3267 | rBV  | 249    | 256    | 0.04%  | 0.005% |
| 89  | 11.675 | 3280 | 3292 | 3307 | rBV  | 209514 | 340453 | 50.44% | 7.260% |
| 90  | 11.826 | 3337 | 3339 | 3341 | rBV  | 316    | 180    | 0.03%  | 0.004% |
| 91  | 11.887 | 3353 | 3358 | 3362 | rBV3 | 697    | 672    | 0.10%  | 0.014% |
| 92  | 12.023 | 3398 | 3400 | 3404 | rBV2 | 241    | 151    | 0.02%  | 0.003% |
| 93  | 12.299 | 3477 | 3486 | 3494 | rBV  | 1896   | 2772   | 0.41%  | 0.059% |
| 94  | 13.215 | 3766 | 3771 | 3773 | rBV2 | 257    | 278    | 0.04%  | 0.006% |
| 95  | 13.415 | 3829 | 3833 | 3834 | rBV2 | 199    | 156    | 0.02%  | 0.003% |
| 96  | 13.556 | 3872 | 3877 | 3879 | rBV  | 355    | 348    | 0.05%  | 0.007% |
| 97  | 13.794 | 3945 | 3951 | 3964 | rBV4 | 2510   | 3171   | 0.47%  | 0.068% |
| 98  | 13.862 | 3969 | 3972 | 3976 | rBV2 | 364    | 299    | 0.04%  | 0.006% |
| 99  | 14.093 | 4042 | 4044 | 4048 | rBV  | 303    | 157    | 0.02%  | 0.003% |
| 100 | 14.852 | 4278 | 4280 | 4284 | rBV2 | 315    | 234    | 0.03%  | 0.005% |

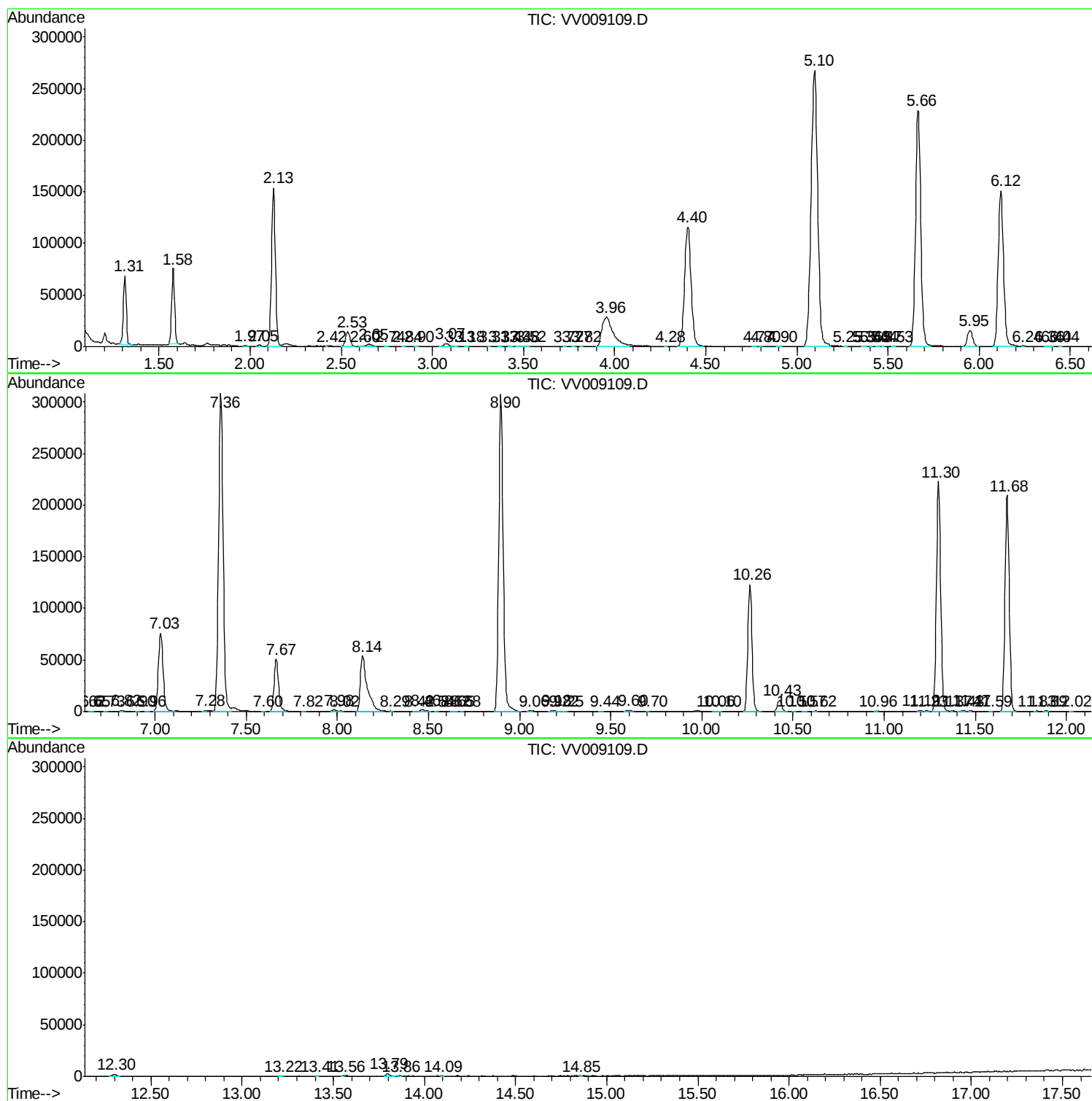
Sum of corrected areas: 4689488

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM120618S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV122018\  
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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        |