

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052219\  
 Data File : VV011020.D  
 Acq On : 22 May 2019 16:07  
 Operator : SY/MD  
 Sample : K3006-06  
 Misc : 4.45G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFHC1

## 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\SOM2VLM052019S.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         | 1.315       | 64            | 70          | 80           | rVB      | 37908          | 37828         | 10.68%          | 1.419%        |
| 2         | 1.569       | 143           | 149         | 159          | rVB      | 27516          | 30940         | 8.74%           | 1.160%        |
| 3         | 2.045       | 293           | 297         | 302          | rBV3     | 1118           | 1183          | 0.33%           | 0.044%        |
| 4         | 2.122       | 311           | 321         | 332          | rBV      | 63447          | 90088         | 25.44%          | 3.379%        |
| 5         | 2.187       | 335           | 341         | 352          | rVB3     | 3262           | 5110          | 1.44%           | 0.192%        |
| 6         | 2.261       | 361           | 364         | 366          | rBV2     | 296            | 190           | 0.05%           | 0.007%        |
| 7         | 2.312       | 372           | 380         | 391          | rVB3     | 2625           | 3712          | 1.05%           | 0.139%        |
| 8         | 2.357       | 391           | 394         | 400          | rVB      | 336            | 311           | 0.09%           | 0.012%        |
| 9         | 2.531       | 438           | 448         | 458          | rBV      | 7453           | 11163         | 3.15%           | 0.419%        |
| 10        | 2.791       | 524           | 529         | 533          | rBV2     | 207            | 211           | 0.06%           | 0.008%        |
| 11        | 3.065       | 602           | 614         | 625          | rBV5     | 3505           | 7625          | 2.15%           | 0.286%        |
| 12        | 3.142       | 635           | 638         | 645          | rBV2     | 234            | 369           | 0.10%           | 0.014%        |
| 13        | 3.219       | 659           | 662         | 669          | rVB2     | 311            | 271           | 0.08%           | 0.010%        |
| 14        | 3.299       | 682           | 687         | 693          | rBV2     | 174            | 289           | 0.08%           | 0.011%        |
| 15        | 3.364       | 703           | 707         | 710          | rBV2     | 285            | 248           | 0.07%           | 0.009%        |
| 16        | 3.544       | 760           | 763         | 768          | rBV2     | 192            | 250           | 0.07%           | 0.009%        |
| 17        | 3.630       | 786           | 790         | 794          | rBV2     | 258            | 246           | 0.07%           | 0.009%        |
| 18        | 3.653       | 794           | 797         | 801          | rVB      | 225            | 178           | 0.05%           | 0.007%        |
| 19        | 3.679       | 801           | 805         | 808          | rBV2     | 298            | 306           | 0.09%           | 0.011%        |
| 20        | 3.801       | 840           | 843         | 845          | rBV2     | 206            | 166           | 0.05%           | 0.006%        |
| 21        | 3.865       | 858           | 863         | 865          | rBV2     | 223            | 185           | 0.05%           | 0.007%        |
| 22        | 3.936       | 874           | 885         | 906          | rBV      | 14264          | 37436         | 10.57%          | 1.404%        |
| 23        | 4.039       | 915           | 917         | 921          | rBV      | 227            | 188           | 0.05%           | 0.007%        |
| 24        | 4.129       | 942           | 945         | 947          | rBV2     | 303            | 223           | 0.06%           | 0.008%        |
| 25        | 4.399       | 1011          | 1029        | 1057         | rBV3     | 56404          | 157098        | 44.36%          | 5.892%        |
| 26        | 4.521       | 1057          | 1067        | 1072         | rBV4     | 955            | 1763          | 0.50%           | 0.066%        |
| 27        | 4.621       | 1095          | 1098        | 1101         | rBV      | 259            | 253           | 0.07%           | 0.009%        |
| 28        | 4.656       | 1106          | 1109        | 1121         | rVB2     | 455            | 808           | 0.23%           | 0.030%        |
| 29        | 4.708       | 1121          | 1125        | 1128         | rBV2     | 337            | 347           | 0.10%           | 0.013%        |
| 30        | 4.823       | 1155          | 1161        | 1164         | rBV2     | 176            | 193           | 0.05%           | 0.007%        |
| 31        | 4.856       | 1167          | 1171        | 1178         | rVB2     | 216            | 277           | 0.08%           | 0.010%        |
| 32        | 4.949       | 1195          | 1200        | 1201         | rBV      | 175            | 171           | 0.05%           | 0.006%        |
| 33        | 4.984       | 1207          | 1211        | 1216         | rBV      | 196            | 228           | 0.06%           | 0.009%        |
| 34        | 5.093       | 1226          | 1245        | 1270         | rBV3     | 144311         | 354151        | 100.00%         | 13.282%       |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM052019S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.264  | 1296 | 1298 | 1303 | rVB3 | 360    | 258    | 0.07%  | 0.010%  |
| 36 | 5.663  | 1406 | 1422 | 1444 | rBV  | 133664 | 268174 | 75.72% | 10.057% |
| 37 | 5.888  | 1488 | 1492 | 1496 | rBV2 | 260    | 196    | 0.06%  | 0.007%  |
| 38 | 5.949  | 1504 | 1511 | 1519 | rVB5 | 1741   | 3013   | 0.85%  | 0.113%  |
| 39 | 6.000  | 1523 | 1527 | 1528 | rBV2 | 477    | 300    | 0.08%  | 0.011%  |
| 40 | 6.113  | 1548 | 1562 | 1579 | rBV  | 86241  | 172952 | 48.84% | 6.486%  |
| 41 | 6.273  | 1606 | 1612 | 1617 | rBV2 | 190    | 322    | 0.09%  | 0.012%  |
| 42 | 6.363  | 1636 | 1640 | 1645 | rVB2 | 193    | 219    | 0.06%  | 0.008%  |
| 43 | 6.399  | 1645 | 1651 | 1654 | rVB2 | 222    | 257    | 0.07%  | 0.010%  |
| 44 | 6.425  | 1654 | 1659 | 1662 | rBV  | 285    | 306    | 0.09%  | 0.011%  |
| 45 | 6.457  | 1665 | 1669 | 1673 | rBV2 | 234    | 253    | 0.07%  | 0.009%  |
| 46 | 6.698  | 1740 | 1744 | 1745 | rBV  | 531    | 328    | 0.09%  | 0.012%  |
| 47 | 6.807  | 1773 | 1778 | 1780 | rBV2 | 216    | 247    | 0.07%  | 0.009%  |
| 48 | 6.852  | 1788 | 1792 | 1795 | rVB  | 219    | 171    | 0.05%  | 0.006%  |
| 49 | 6.949  | 1818 | 1822 | 1828 | rBV2 | 227    | 267    | 0.08%  | 0.010%  |
| 50 | 7.026  | 1836 | 1846 | 1859 | rBV  | 38817  | 67419  | 19.04% | 2.528%  |
| 51 | 7.113  | 1871 | 1873 | 1881 | rVB3 | 325    | 226    | 0.06%  | 0.008%  |
| 52 | 7.357  | 1936 | 1949 | 1967 | rBV  | 151769 | 267034 | 75.40% | 10.015% |
| 53 | 7.492  | 1988 | 1991 | 1996 | rVB2 | 521    | 543    | 0.15%  | 0.020%  |
| 54 | 7.518  | 1996 | 1999 | 2001 | rBV2 | 279    | 175    | 0.05%  | 0.007%  |
| 55 | 7.543  | 2005 | 2007 | 2014 | rVB3 | 456    | 437    | 0.12%  | 0.016%  |
| 56 | 7.576  | 2014 | 2017 | 2022 | rBV2 | 340    | 283    | 0.08%  | 0.011%  |
| 57 | 7.662  | 2033 | 2044 | 2059 | rBV  | 25664  | 42732  | 12.07% | 1.603%  |
| 58 | 7.814  | 2083 | 2091 | 2098 | rBV3 | 411    | 829    | 0.23%  | 0.031%  |
| 59 | 7.981  | 2140 | 2143 | 2151 | rVV4 | 556    | 751    | 0.21%  | 0.028%  |
| 60 | 8.132  | 2179 | 2190 | 2209 | rBV  | 50451  | 86626  | 24.46% | 3.249%  |
| 61 | 8.685  | 2355 | 2362 | 2365 | rBV  | 275    | 391    | 0.11%  | 0.015%  |
| 62 | 8.894  | 2415 | 2427 | 2446 | rBV  | 198552 | 331808 | 93.69% | 12.444% |
| 63 | 9.180  | 2509 | 2516 | 2519 | rBV4 | 573    | 656    | 0.19%  | 0.025%  |
| 64 | 9.219  | 2526 | 2528 | 2533 | rVB2 | 244    | 171    | 0.05%  | 0.006%  |
| 65 | 9.450  | 2595 | 2600 | 2601 | rBV3 | 285    | 166    | 0.05%  | 0.006%  |
| 66 | 9.502  | 2607 | 2616 | 2617 | rBV4 | 587    | 823    | 0.23%  | 0.031%  |
| 67 | 9.617  | 2649 | 2652 | 2655 | rVB2 | 521    | 302    | 0.09%  | 0.011%  |
| 68 | 9.826  | 2713 | 2717 | 2723 | rBV4 | 309    | 332    | 0.09%  | 0.012%  |
| 69 | 9.977  | 2761 | 2764 | 2767 | rBV2 | 277    | 190    | 0.05%  | 0.007%  |
| 70 | 10.042 | 2781 | 2784 | 2787 | rBV  | 220    | 196    | 0.06%  | 0.007%  |
| 71 | 10.260 | 2840 | 2852 | 2869 | rVB  | 88311  | 137002 | 38.68% | 5.138%  |

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 Stop Thrs : 0

Filtering: 5  
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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM052019S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 10.347 | 2869 | 2879 | 2882 | rBV  | 231    | 450    | 0.13%  | 0.017%  |
| 73  | 10.418 | 2895 | 2901 | 2902 | rBV3 | 1156   | 1050   | 0.30%  | 0.039%  |
| 74  | 10.759 | 3005 | 3007 | 3013 | rVB2 | 249    | 274    | 0.08%  | 0.010%  |
| 75  | 10.791 | 3013 | 3017 | 3022 | rBV2 | 240    | 321    | 0.09%  | 0.012%  |
| 76  | 11.199 | 3137 | 3144 | 3148 | rBV4 | 515    | 556    | 0.16%  | 0.021%  |
| 77  | 11.296 | 3162 | 3174 | 3192 | rBV2 | 172326 | 278386 | 78.61% | 10.440% |
| 78  | 11.434 | 3214 | 3217 | 3220 | rBV2 | 185    | 177    | 0.05%  | 0.007%  |
| 79  | 11.469 | 3224 | 3228 | 3234 | rVB2 | 455    | 352    | 0.10%  | 0.013%  |
| 80  | 11.672 | 3279 | 3291 | 3308 | rBV  | 154331 | 245037 | 69.19% | 9.190%  |
| 81  | 12.035 | 3401 | 3404 | 3411 | rBV2 | 158    | 198    | 0.06%  | 0.007%  |
| 82  | 12.293 | 3481 | 3484 | 3492 | rVB2 | 600    | 763    | 0.22%  | 0.029%  |
| 83  | 12.395 | 3513 | 3516 | 3523 | rVB4 | 710    | 592    | 0.17%  | 0.022%  |
| 84  | 13.563 | 3876 | 3879 | 3884 | rBV2 | 205    | 190    | 0.05%  | 0.007%  |
| 85  | 13.797 | 3944 | 3952 | 3958 | rVB3 | 1902   | 2458   | 0.69%  | 0.092%  |
| 86  | 14.080 | 4034 | 4040 | 4044 | rBV3 | 512    | 745    | 0.21%  | 0.028%  |
| 87  | 14.193 | 4070 | 4075 | 4083 | rBV2 | 261    | 370    | 0.10%  | 0.014%  |
| 88  | 14.382 | 4131 | 4134 | 4141 | rVB  | 284    | 283    | 0.08%  | 0.011%  |
| 89  | 14.566 | 4188 | 4191 | 4195 | rBV2 | 229    | 183    | 0.05%  | 0.007%  |
| 90  | 14.900 | 4286 | 4295 | 4298 | rBV3 | 316    | 576    | 0.16%  | 0.022%  |
| 91  | 14.935 | 4304 | 4306 | 4309 | rBV2 | 265    | 219    | 0.06%  | 0.008%  |
| 92  | 15.157 | 4371 | 4375 | 4376 | rBV2 | 255    | 173    | 0.05%  | 0.006%  |
| 93  | 15.218 | 4391 | 4394 | 4397 | rVB2 | 351    | 230    | 0.06%  | 0.009%  |
| 94  | 15.235 | 4397 | 4399 | 4405 | rBV3 | 238    | 271    | 0.08%  | 0.010%  |
| 95  | 15.328 | 4425 | 4428 | 4429 | rBV2 | 266    | 176    | 0.05%  | 0.007%  |
| 96  | 16.199 | 4697 | 4699 | 4702 | rBV2 | 469    | 219    | 0.06%  | 0.008%  |
| 97  | 16.595 | 4819 | 4822 | 4823 | rBV  | 441    | 239    | 0.07%  | 0.009%  |
| 98  | 17.196 | 5007 | 5009 | 5012 | rBV2 | 565    | 321    | 0.09%  | 0.012%  |
| 99  | 17.511 | 5105 | 5107 | 5111 | rBV3 | 800    | 513    | 0.14%  | 0.019%  |
| 100 | 17.617 | 5137 | 5140 | 5144 | rBV4 | 782    | 728    | 0.21%  | 0.027%  |

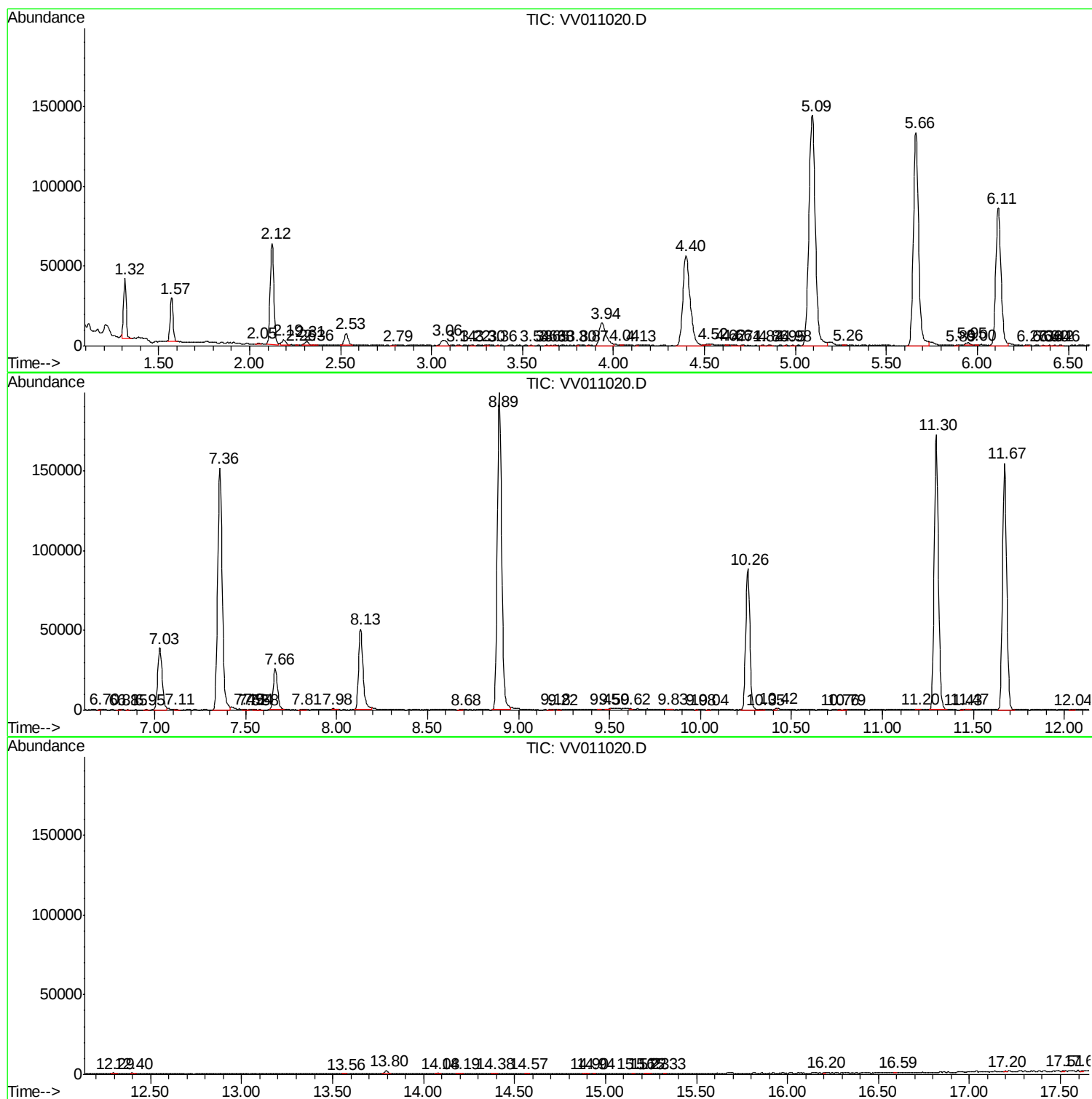
Sum of corrected areas: 2666410

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM052019S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV052219\  
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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        |