

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031319\  
 Data File : VV009640.D  
 Acq On : 13 Mar 2019 17:26  
 Operator : SY/MD  
 Sample : K1789-13  
 Misc : 5.10G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK01

## 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\SOM2VLM031319S.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         | 1.319       | 65            | 71          | 85           | rVB      | 84289          | 86293         | 14.77%          | 2.013%        |
| 2         | 1.569       | 142           | 149         | 158          | rBV      | 74555          | 89402         | 15.30%          | 2.085%        |
| 3         | 2.129       | 313           | 323         | 337          | rBV      | 190861         | 274733        | 47.03%          | 6.408%        |
| 4         | 2.309       | 376           | 379         | 387          | rVB4     | 996            | 1293          | 0.22%           | 0.030%        |
| 5         | 2.534       | 441           | 449         | 464          | rVB3     | 6565           | 11518         | 1.97%           | 0.269%        |
| 6         | 2.598       | 464           | 469         | 470          | rBV      | 355            | 246           | 0.04%           | 0.006%        |
| 7         | 2.669       | 488           | 491         | 493          | rBV2     | 319            | 188           | 0.03%           | 0.004%        |
| 8         | 2.926       | 564           | 571         | 574          | rBV      | 412            | 468           | 0.08%           | 0.011%        |
| 9         | 3.077       | 608           | 618         | 625          | rVB6     | 1070           | 1901          | 0.33%           | 0.044%        |
| 10        | 3.225       | 661           | 664         | 665          | rBV      | 68             | 38            | 0.01%           | 0.001%        |
| 11        | 3.348       | 696           | 702         | 704          | rBV2     | 280            | 329           | 0.06%           | 0.008%        |
| 12        | 3.405       | 718           | 720         | 723          | rBV      | 247            | 167           | 0.03%           | 0.004%        |
| 13        | 3.547       | 760           | 764         | 769          | rVB2     | 305            | 329           | 0.06%           | 0.008%        |
| 14        | 3.573       | 769           | 772         | 774          | rBV2     | 300            | 208           | 0.04%           | 0.005%        |
| 15        | 3.688       | 805           | 808         | 810          | rBV2     | 253            | 177           | 0.03%           | 0.004%        |
| 16        | 3.769       | 830           | 833         | 835          | rBV2     | 188            | 141           | 0.02%           | 0.003%        |
| 17        | 3.798       | 839           | 842         | 846          | rBV2     | 245            | 207           | 0.04%           | 0.005%        |
| 18        | 3.929       | 873           | 883         | 907          | rBV      | 18534          | 45891         | 7.86%           | 1.070%        |
| 19        | 4.084       | 928           | 931         | 934          | rBV3     | 330            | 241           | 0.04%           | 0.006%        |
| 20        | 4.148       | 949           | 951         | 953          | rBV2     | 301            | 197           | 0.03%           | 0.005%        |
| 21        | 4.190       | 962           | 964         | 967          | rBV2     | 258            | 127           | 0.02%           | 0.003%        |
| 22        | 4.251       | 974           | 983         | 985          | rBV2     | 502            | 565           | 0.10%           | 0.013%        |
| 23        | 4.296       | 995           | 997         | 1001         | rVB      | 464            | 276           | 0.05%           | 0.006%        |
| 24        | 4.402       | 1013          | 1030        | 1059         | rBV2     | 90559          | 242858        | 41.57%          | 5.665%        |
| 25        | 4.595       | 1087          | 1090        | 1093         | rBV3     | 433            | 293           | 0.05%           | 0.007%        |
| 26        | 4.679       | 1113          | 1116        | 1117         | rBV2     | 168            | 120           | 0.02%           | 0.003%        |
| 27        | 4.711       | 1124          | 1126        | 1131         | rBV2     | 421            | 438           | 0.07%           | 0.010%        |
| 28        | 5.023       | 1221          | 1223        | 1228         | rBV      | 308            | 305           | 0.05%           | 0.007%        |
| 29        | 5.097       | 1228          | 1246        | 1271         | rBV2     | 229668         | 584179        | 100.00%         | 13.626%       |
| 30        | 5.531       | 1379          | 1381        | 1385         | rBV2     | 251            | 148           | 0.03%           | 0.003%        |
| 31        | 5.663       | 1409          | 1422        | 1449         | rBV      | 169063         | 345458        | 59.14%          | 8.058%        |
| 32        | 5.955       | 1507          | 1513        | 1521         | rVB5     | 950            | 1198          | 0.21%           | 0.028%        |
| 33        | 5.990       | 1521          | 1524        | 1525         | rBV      | 454            | 225           | 0.04%           | 0.005%        |
| 34        | 6.023       | 1531          | 1534        | 1537         | rBV2     | 295            | 173           | 0.03%           | 0.004%        |

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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM031319S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.116  | 1550 | 1563 | 1596 | rBV  | 127347 | 269718 | 46.17% | 6.291%  |
| 36 | 6.341  | 1629 | 1633 | 1634 | rBV2 | 350    | 224    | 0.04%  | 0.005%  |
| 37 | 6.508  | 1682 | 1685 | 1687 | rBV  | 268    | 190    | 0.03%  | 0.004%  |
| 38 | 6.637  | 1721 | 1725 | 1728 | rBV  | 324    | 286    | 0.05%  | 0.007%  |
| 39 | 6.698  | 1734 | 1744 | 1757 | rVB5 | 4816   | 9575   | 1.64%  | 0.223%  |
| 40 | 6.820  | 1770 | 1782 | 1794 | rBV3 | 11047  | 22635  | 3.87%  | 0.528%  |
| 41 | 6.917  | 1809 | 1812 | 1816 | rBV2 | 241    | 262    | 0.04%  | 0.006%  |
| 42 | 7.029  | 1836 | 1847 | 1871 | rBV2 | 73530  | 132215 | 22.63% | 3.084%  |
| 43 | 7.216  | 1904 | 1905 | 1906 | rBV  | 203    | 71     | 0.01%  | 0.002%  |
| 44 | 7.257  | 1915 | 1918 | 1921 | rBV2 | 209    | 197    | 0.03%  | 0.005%  |
| 45 | 7.302  | 1924 | 1932 | 1937 | rBV4 | 4409   | 7001   | 1.20%  | 0.163%  |
| 46 | 7.360  | 1939 | 1950 | 1967 | rVV  | 283325 | 501743 | 85.89% | 11.703% |
| 47 | 7.662  | 2033 | 2044 | 2066 | rBV2 | 46629  | 79243  | 13.56% | 1.848%  |
| 48 | 7.810  | 2086 | 2090 | 2095 | rBV3 | 251    | 225    | 0.04%  | 0.005%  |
| 49 | 7.888  | 2112 | 2114 | 2118 | rVB3 | 321    | 166    | 0.03%  | 0.004%  |
| 50 | 7.981  | 2134 | 2143 | 2147 | rBV2 | 876    | 1141   | 0.20%  | 0.027%  |
| 51 | 8.132  | 2180 | 2190 | 2205 | rBV  | 64992  | 114761 | 19.64% | 2.677%  |
| 52 | 8.360  | 2258 | 2261 | 2267 | rVB2 | 513    | 365    | 0.06%  | 0.009%  |
| 53 | 8.386  | 2267 | 2269 | 2272 | rBV  | 207    | 138    | 0.02%  | 0.003%  |
| 54 | 8.444  | 2284 | 2287 | 2290 | rVB  | 282    | 173    | 0.03%  | 0.004%  |
| 55 | 8.563  | 2320 | 2324 | 2328 | rBV  | 402    | 454    | 0.08%  | 0.011%  |
| 56 | 8.621  | 2337 | 2342 | 2345 | rBV2 | 421    | 368    | 0.06%  | 0.009%  |
| 57 | 8.897  | 2415 | 2428 | 2447 | rBV  | 257310 | 440387 | 75.39% | 10.272% |
| 58 | 9.151  | 2503 | 2507 | 2510 | rBV2 | 276    | 225    | 0.04%  | 0.005%  |
| 59 | 9.312  | 2554 | 2557 | 2559 | rBV2 | 320    | 242    | 0.04%  | 0.006%  |
| 60 | 9.389  | 2576 | 2581 | 2582 | rBV  | 182    | 166    | 0.03%  | 0.004%  |
| 61 | 9.463  | 2602 | 2604 | 2610 | rVB  | 250    | 101    | 0.02%  | 0.002%  |
| 62 | 9.543  | 2627 | 2629 | 2633 | rVB2 | 308    | 149    | 0.03%  | 0.003%  |
| 63 | 9.778  | 2695 | 2702 | 2706 | rBV2 | 261    | 396    | 0.07%  | 0.009%  |
| 64 | 9.817  | 2713 | 2714 | 2715 | rBV  | 212    | 71     | 0.01%  | 0.002%  |
| 65 | 10.096 | 2797 | 2801 | 2802 | rBV  | 260    | 201    | 0.03%  | 0.005%  |
| 66 | 10.260 | 2841 | 2852 | 2874 | rVB  | 122032 | 196456 | 33.63% | 4.582%  |
| 67 | 10.424 | 2895 | 2903 | 2911 | rVB4 | 1202   | 1805   | 0.31%  | 0.042%  |
| 68 | 10.505 | 2924 | 2928 | 2933 | rBV2 | 273    | 320    | 0.05%  | 0.007%  |
| 69 | 11.077 | 3103 | 3106 | 3111 | rBV2 | 281    | 232    | 0.04%  | 0.005%  |
| 70 | 11.183 | 3134 | 3139 | 3142 | rBV3 | 1086   | 1078   | 0.18%  | 0.025%  |
| 71 | 11.231 | 3148 | 3154 | 3160 | rBV4 | 705    | 989    | 0.17%  | 0.023%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM031319S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 72 | 11.296 | 3163 | 3174 | 3194 | rBV  | 225209 | 393276 | 67.32% | 9.173% |
| 73 | 11.366 | 3194 | 3196 | 3201 | rVB4 | 924    | 674    | 0.12%  | 0.016% |
| 74 | 11.463 | 3223 | 3226 | 3237 | rVB5 | 824    | 1049   | 0.18%  | 0.024% |
| 75 | 11.511 | 3237 | 3241 | 3244 | rBV  | 326    | 276    | 0.05%  | 0.006% |
|    |        |      |      |      |      |        |        |        |        |
| 76 | 11.675 | 3279 | 3292 | 3312 | rBV  | 244479 | 411344 | 70.41% | 9.594% |
| 77 | 12.183 | 3447 | 3450 | 3455 | rBV2 | 338    | 304    | 0.05%  | 0.007% |
| 78 | 12.247 | 3467 | 3470 | 3473 | rBV  | 253    | 156    | 0.03%  | 0.004% |
| 79 | 12.267 | 3474 | 3476 | 3477 | rBV  | 203    | 70     | 0.01%  | 0.002% |
| 80 | 12.633 | 3588 | 3590 | 3598 | rVB2 | 327    | 234    | 0.04%  | 0.005% |
|    |        |      |      |      |      |        |        |        |        |
| 81 | 12.698 | 3606 | 3610 | 3618 | rVB4 | 575    | 709    | 0.12%  | 0.017% |
| 82 | 12.865 | 3658 | 3662 | 3663 | rBV  | 458    | 331    | 0.06%  | 0.008% |
| 83 | 13.434 | 3838 | 3839 | 3840 | rBV  | 174    | 57     | 0.01%  | 0.001% |
| 84 | 13.797 | 3944 | 3952 | 3961 | rBV5 | 3629   | 4557   | 0.78%  | 0.106% |

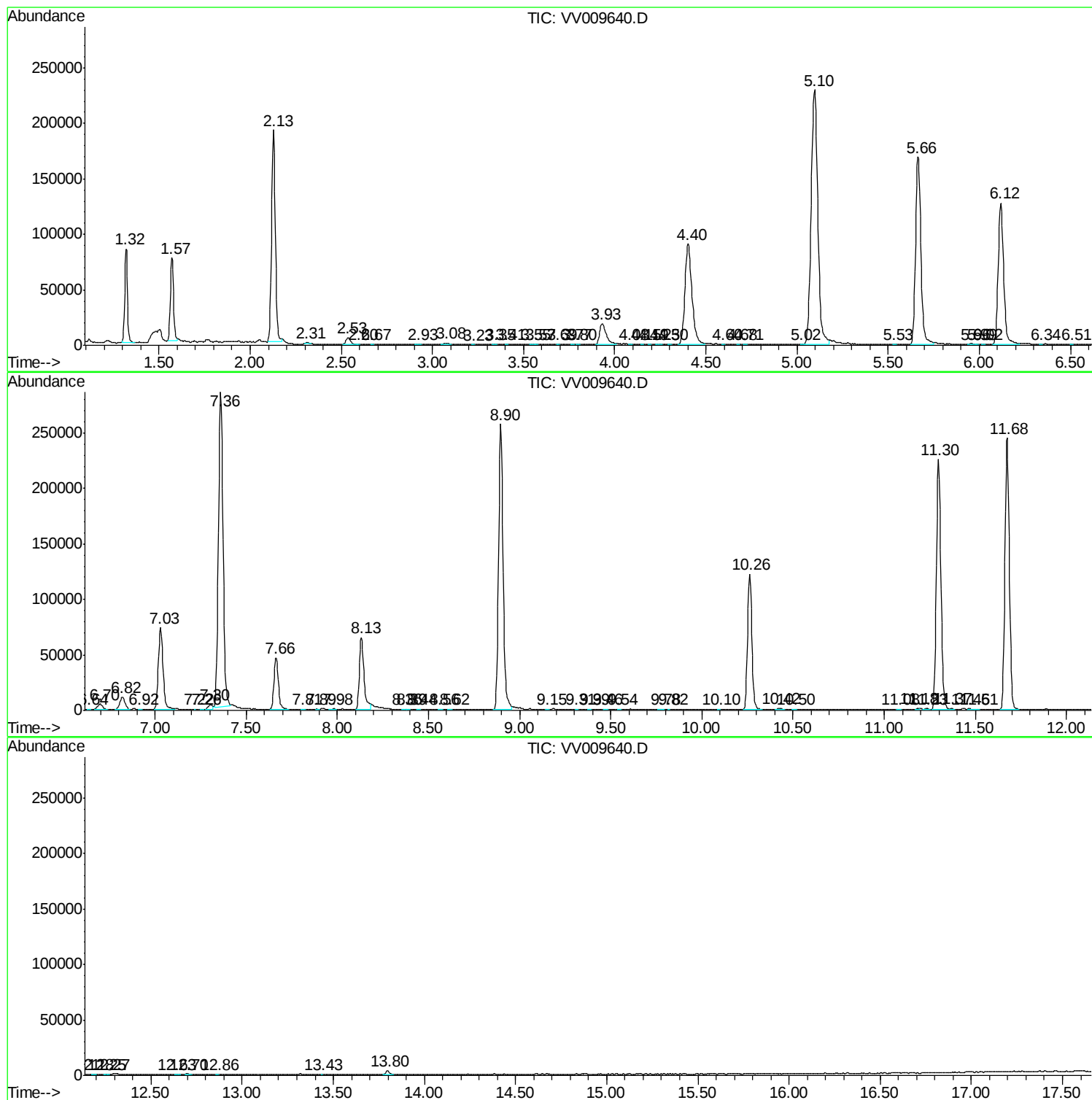
Sum of corrected areas: 4287336

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM031319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV031319\  
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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM031319S.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

\*\*\*\*\*

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Instrument :  
MSV0A\_V  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM031319S.M  
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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |