

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\  
 Data File : VV010786.D  
 Acq On : 10 May 2019 00:59  
 Operator : SY/MD  
 Sample : K2693-13RE  
 Misc : 3.85G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFH64RE

## 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\SOM2VLM050719S.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          | 83           | rVB      | 33971          | 34603         | 12.23%          | 1.916%        |
| 2         | 1.570       | 142           | 149         | 158          | rVB      | 33948          | 39946         | 14.12%          | 2.211%        |
| 3         | 2.078       | 305           | 307         | 310          | rBV2     | 649            | 339           | 0.12%           | 0.019%        |
| 4         | 2.123       | 312           | 321         | 331          | rVV      | 68042          | 96664         | 34.16%          | 5.351%        |
| 5         | 2.238       | 355           | 357         | 365          | rVB2     | 350            | 295           | 0.10%           | 0.016%        |
| 6         | 2.306       | 370           | 378         | 380          | rBV3     | 693            | 800           | 0.28%           | 0.044%        |
| 7         | 2.396       | 403           | 406         | 411          | rBB2     | 274            | 246           | 0.09%           | 0.014%        |
| 8         | 2.425       | 412           | 415         | 416          | rBV      | 253            | 144           | 0.05%           | 0.008%        |
| 9         | 2.479       | 428           | 432         | 434          | rBV      | 193            | 191           | 0.07%           | 0.011%        |
| 10        | 2.534       | 440           | 449         | 462          | rVB2     | 7019           | 11336         | 4.01%           | 0.628%        |
| 11        | 2.647       | 481           | 484         | 488          | rBB      | 241            | 217           | 0.08%           | 0.012%        |
| 12        | 2.685       | 491           | 496         | 498          | rBB2     | 232            | 186           | 0.07%           | 0.010%        |
| 13        | 2.705       | 499           | 502         | 505          | rBV2     | 277            | 196           | 0.07%           | 0.011%        |
| 14        | 2.743       | 510           | 514         | 521          | rBB2     | 287            | 388           | 0.14%           | 0.021%        |
| 15        | 2.817       | 534           | 537         | 542          | rVV2     | 237            | 231           | 0.08%           | 0.013%        |
| 16        | 3.023       | 596           | 601         | 604          | rBB2     | 232            | 162           | 0.06%           | 0.009%        |
| 17        | 3.071       | 611           | 616         | 623          | rVB5     | 867            | 1086          | 0.38%           | 0.060%        |
| 18        | 3.100       | 623           | 625         | 628          | rBB      | 243            | 137           | 0.05%           | 0.008%        |
| 19        | 3.129       | 633           | 634         | 638          | rBV      | 224            | 190           | 0.07%           | 0.011%        |
| 20        | 3.148       | 638           | 640         | 642          | rVV      | 258            | 145           | 0.05%           | 0.008%        |
| 21        | 3.161       | 642           | 644         | 649          | rVB      | 278            | 222           | 0.08%           | 0.012%        |
| 22        | 3.190       | 650           | 653         | 656          | rBB2     | 249            | 161           | 0.06%           | 0.009%        |
| 23        | 3.393       | 712           | 716         | 719          | rVB2     | 304            | 264           | 0.09%           | 0.015%        |
| 24        | 3.425       | 722           | 726         | 730          | rBB2     | 281            | 265           | 0.09%           | 0.015%        |
| 25        | 3.467       | 734           | 739         | 743          | rBV2     | 234            | 281           | 0.10%           | 0.016%        |
| 26        | 3.486       | 743           | 745         | 751          | rVB2     | 243            | 252           | 0.09%           | 0.014%        |
| 27        | 3.541       | 759           | 762         | 767          | rBB      | 276            | 225           | 0.08%           | 0.012%        |
| 28        | 3.573       | 768           | 772         | 774          | rBV      | 280            | 196           | 0.07%           | 0.011%        |
| 29        | 3.862       | 859           | 862         | 868          | rVB2     | 307            | 351           | 0.12%           | 0.019%        |
| 30        | 3.933       | 873           | 884         | 904          | rBV2     | 9262           | 22983         | 8.12%           | 1.272%        |
| 31        | 4.155       | 945           | 953         | 955          | rBV3     | 381            | 370           | 0.13%           | 0.020%        |
| 32        | 4.187       | 961           | 963         | 969          | rBV      | 252            | 203           | 0.07%           | 0.011%        |
| 33        | 4.235       | 972           | 978         | 980          | rBB      | 145            | 147           | 0.05%           | 0.008%        |
| 34        | 4.254       | 981           | 984         | 986          | rBV2     | 288            | 198           | 0.07%           | 0.011%        |

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Filtering: 5  
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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\SOM2VLM050719S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 4.312 | 999  | 1002 | 1005 | rBV2 | 243    | 210    | 0.07%   | 0.012%  |
| 36 | 4.399 | 1013 | 1029 | 1050 | rBV  | 52596  | 128216 | 45.31%  | 7.098%  |
| 37 | 4.553 | 1073 | 1077 | 1080 | rBV2 | 258    | 244    | 0.09%   | 0.014%  |
| 38 | 4.569 | 1080 | 1082 | 1085 | rVV  | 247    | 175    | 0.06%   | 0.010%  |
| 39 | 4.598 | 1087 | 1091 | 1096 | rVB2 | 244    | 231    | 0.08%   | 0.013%  |
| 40 | 4.640 | 1101 | 1104 | 1107 | rVV  | 245    | 226    | 0.08%   | 0.013%  |
| 41 | 4.663 | 1108 | 1111 | 1117 | rVB  | 275    | 244    | 0.09%   | 0.014%  |
| 42 | 4.788 | 1146 | 1150 | 1152 | rBV  | 158    | 162    | 0.06%   | 0.009%  |
| 43 | 4.840 | 1164 | 1166 | 1168 | rBV2 | 285    | 179    | 0.06%   | 0.010%  |
| 44 | 5.094 | 1225 | 1245 | 1278 | rBV2 | 110369 | 282981 | 100.00% | 15.666% |
| 45 | 5.357 | 1325 | 1327 | 1334 | rVB2 | 277    | 344    | 0.12%   | 0.019%  |
| 46 | 5.402 | 1339 | 1341 | 1345 | rBV  | 275    | 216    | 0.08%   | 0.012%  |
| 47 | 5.566 | 1389 | 1392 | 1395 | rVB  | 296    | 232    | 0.08%   | 0.013%  |
| 48 | 5.592 | 1396 | 1400 | 1403 | rBV2 | 308    | 298    | 0.11%   | 0.016%  |
| 49 | 5.663 | 1407 | 1422 | 1441 | rBV2 | 84782  | 168245 | 59.45%  | 9.314%  |
| 50 | 5.846 | 1476 | 1479 | 1482 | rBV2 | 364    | 266    | 0.09%   | 0.015%  |
| 51 | 6.020 | 1531 | 1533 | 1537 | rBV2 | 201    | 167    | 0.06%   | 0.009%  |
| 52 | 6.116 | 1548 | 1563 | 1584 | rBV  | 71526  | 146115 | 51.63%  | 8.089%  |
| 53 | 6.241 | 1600 | 1602 | 1605 | rBV2 | 291    | 177    | 0.06%   | 0.010%  |
| 54 | 6.325 | 1623 | 1628 | 1632 | rVB2 | 229    | 248    | 0.09%   | 0.014%  |
| 55 | 6.479 | 1673 | 1676 | 1679 | rBV  | 186    | 162    | 0.06%   | 0.009%  |
| 56 | 6.531 | 1687 | 1692 | 1695 | rBV  | 170    | 231    | 0.08%   | 0.013%  |
| 57 | 6.547 | 1695 | 1697 | 1704 | rVB  | 195    | 170    | 0.06%   | 0.009%  |
| 58 | 6.656 | 1726 | 1731 | 1734 | rBV  | 231    | 182    | 0.06%   | 0.010%  |
| 59 | 6.730 | 1751 | 1754 | 1756 | rVV2 | 234    | 200    | 0.07%   | 0.011%  |
| 60 | 6.852 | 1789 | 1792 | 1795 | rVB  | 298    | 235    | 0.08%   | 0.013%  |
| 61 | 6.891 | 1799 | 1804 | 1805 | rVV  | 136    | 142    | 0.05%   | 0.008%  |
| 62 | 6.955 | 1817 | 1824 | 1826 | rBB  | 305    | 286    | 0.10%   | 0.016%  |
| 63 | 6.974 | 1827 | 1830 | 1833 | rBV2 | 256    | 220    | 0.08%   | 0.012%  |
| 64 | 7.026 | 1836 | 1846 | 1864 | rVV2 | 30761  | 55307  | 19.54%  | 3.062%  |
| 65 | 7.171 | 1889 | 1891 | 1895 | rBV2 | 161    | 141    | 0.05%   | 0.008%  |
| 66 | 7.251 | 1912 | 1916 | 1922 | rBV2 | 331    | 386    | 0.14%   | 0.021%  |
| 67 | 7.357 | 1937 | 1949 | 1970 | rBV  | 114344 | 201778 | 71.30%  | 11.171% |
| 68 | 7.585 | 2018 | 2020 | 2023 | rBV  | 247    | 181    | 0.06%   | 0.010%  |
| 69 | 7.601 | 2023 | 2025 | 2030 | rVB  | 237    | 164    | 0.06%   | 0.009%  |
| 70 | 7.663 | 2031 | 2044 | 2057 | rBV  | 19868  | 32804  | 11.59%  | 1.816%  |
| 71 | 7.743 | 2065 | 2069 | 2072 | rBV  | 384    | 386    | 0.14%   | 0.021%  |

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 Sampling : 1  
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 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\SOM2VLM050719S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 8.023  | 2152 | 2156 | 2159 | rBV2 | 350    | 345    | 0.12%  | 0.019%  |
| 73  | 8.132  | 2174 | 2190 | 2206 | rBV  | 31524  | 54465  | 19.25% | 3.015%  |
| 74  | 8.270  | 2230 | 2233 | 2238 | rBV3 | 371    | 327    | 0.12%  | 0.018%  |
| 75  | 8.640  | 2344 | 2348 | 2353 | rVB2 | 214    | 146    | 0.05%  | 0.008%  |
| 76  | 8.672  | 2353 | 2358 | 2360 | rBV2 | 261    | 200    | 0.07%  | 0.011%  |
| 77  | 8.839  | 2407 | 2410 | 2412 | rBV  | 196    | 135    | 0.05%  | 0.007%  |
| 78  | 8.894  | 2416 | 2427 | 2448 | rBV  | 113656 | 190307 | 67.25% | 10.536% |
| 79  | 9.052  | 2472 | 2476 | 2480 | rBV2 | 426    | 382    | 0.13%  | 0.021%  |
| 80  | 9.180  | 2511 | 2516 | 2519 | rBV3 | 628    | 677    | 0.24%  | 0.037%  |
| 81  | 9.267  | 2539 | 2543 | 2547 | rBV2 | 195    | 173    | 0.06%  | 0.010%  |
| 82  | 9.585  | 2635 | 2642 | 2643 | rBV2 | 346    | 404    | 0.14%  | 0.022%  |
| 83  | 9.807  | 2708 | 2711 | 2714 | rBV2 | 184    | 176    | 0.06%  | 0.010%  |
| 84  | 9.945  | 2747 | 2754 | 2758 | rBV2 | 267    | 358    | 0.13%  | 0.020%  |
| 85  | 10.261 | 2839 | 2852 | 2875 | rVB2 | 52396  | 82759  | 29.25% | 4.582%  |
| 86  | 10.463 | 2913 | 2915 | 2919 | rBV  | 225    | 158    | 0.06%  | 0.009%  |
| 87  | 10.495 | 2922 | 2925 | 2929 | rBV2 | 184    | 186    | 0.07%  | 0.010%  |
| 88  | 10.762 | 3002 | 3008 | 3011 | rBV2 | 203    | 271    | 0.10%  | 0.015%  |
| 89  | 10.830 | 3026 | 3029 | 3031 | rBV  | 215    | 182    | 0.06%  | 0.010%  |
| 90  | 11.296 | 3163 | 3174 | 3191 | rVB  | 68668  | 116649 | 41.22% | 6.458%  |
| 91  | 11.363 | 3191 | 3195 | 3196 | rBV2 | 526    | 366    | 0.13%  | 0.020%  |
| 92  | 11.392 | 3201 | 3204 | 3209 | rBV  | 153    | 180    | 0.06%  | 0.010%  |
| 93  | 11.672 | 3279 | 3291 | 3305 | rBV  | 72708  | 118541 | 41.89% | 6.563%  |
| 94  | 11.936 | 3371 | 3373 | 3380 | rVB  | 353    | 310    | 0.11%  | 0.017%  |
| 95  | 11.971 | 3380 | 3384 | 3385 | rBV  | 254    | 189    | 0.07%  | 0.010%  |
| 96  | 12.199 | 3451 | 3455 | 3461 | rBV2 | 205    | 292    | 0.10%  | 0.016%  |
| 97  | 12.691 | 3604 | 3608 | 3609 | rBV  | 278    | 206    | 0.07%  | 0.011%  |
| 98  | 12.730 | 3616 | 3620 | 3624 | rBV  | 303    | 351    | 0.12%  | 0.019%  |
| 99  | 13.794 | 3945 | 3951 | 3962 | rVB  | 1066   | 1559   | 0.55%  | 0.086%  |
| 100 | 14.611 | 4200 | 4205 | 4206 | rBV  | 300    | 262    | 0.09%  | 0.015%  |

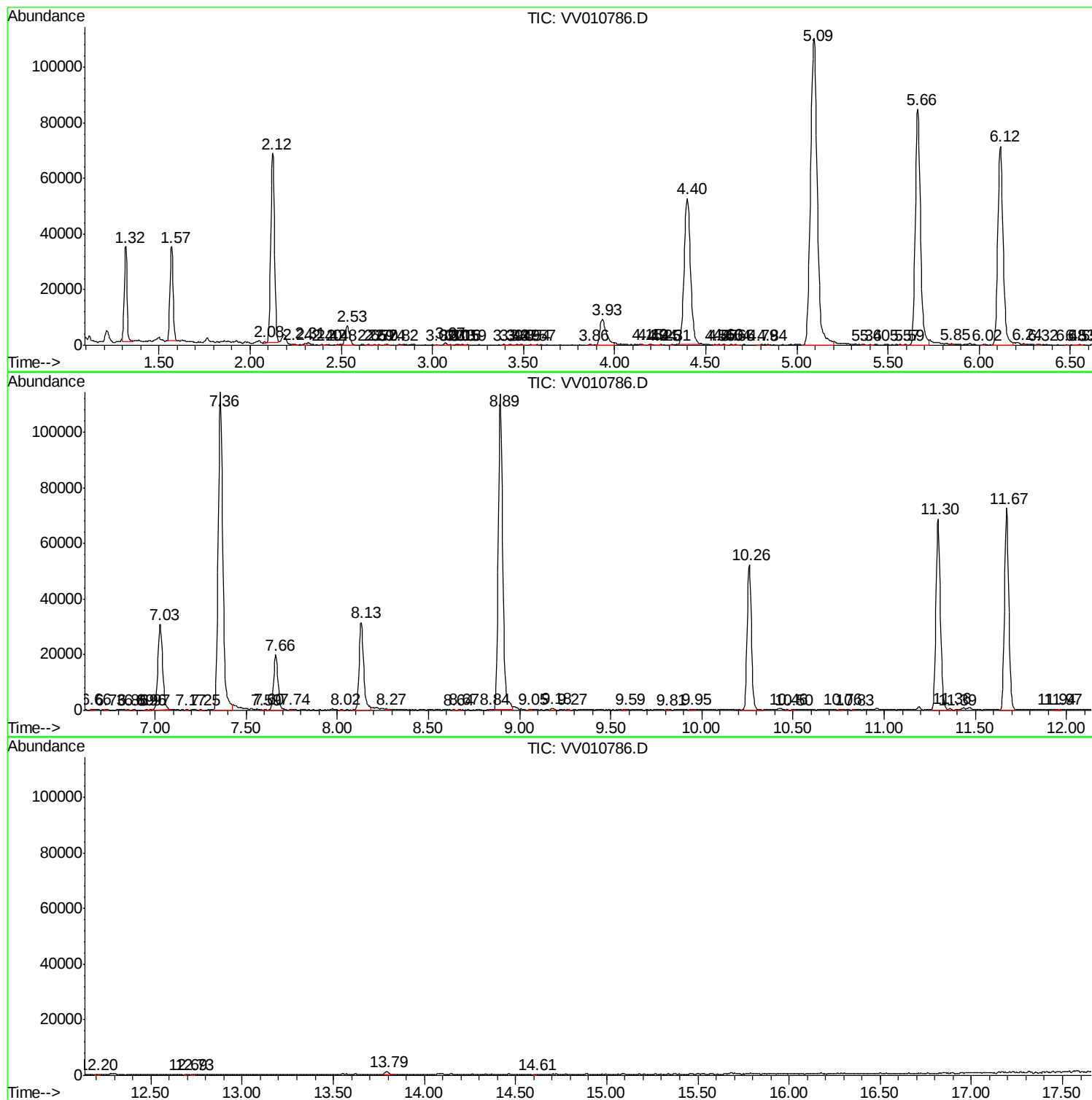
Sum of corrected areas: 1806327

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM050719S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV050919\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM050719S.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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| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |
|------------------|----|---------|-------|----------|-----------------------|
|                  |    |         |       |          | # RT Resp Conc        |