

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031019\  
 Data File : VV009572.D  
 Acq On : 10 Mar 2019 17:33  
 Operator : SY/MD  
 Sample : K1818-09  
 Misc : 6.10G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF0Q9

## 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\SOM2VLM030519S.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       | 66            | 70          | 83           | rVB      | 46578          | 46526         | 12.03%          | 1.522%        |
| 2         | 1.573       | 146           | 150         | 162          | rVB      | 65604          | 75936         | 19.63%          | 2.484%        |
| 3         | 2.126       | 314           | 322         | 334          | rBV      | 111638         | 157513        | 40.72%          | 5.152%        |
| 4         | 2.422       | 412           | 414         | 418          | rVB2     | 259            | 146           | 0.04%           | 0.005%        |
| 5         | 2.541       | 442           | 451         | 457          | rBV4     | 3574           | 5461          | 1.41%           | 0.179%        |
| 6         | 2.656       | 476           | 487         | 502          | rBV2     | 5698           | 13372         | 3.46%           | 0.437%        |
| 7         | 2.788       | 523           | 528         | 533          | rBV2     | 327            | 329           | 0.09%           | 0.011%        |
| 8         | 3.425       | 723           | 726         | 727          | rBV      | 178            | 116           | 0.03%           | 0.004%        |
| 9         | 3.730       | 819           | 821         | 823          | rBV      | 214            | 87            | 0.02%           | 0.003%        |
| 10        | 3.746       | 823           | 826         | 831          | rBV      | 279            | 292           | 0.08%           | 0.010%        |
| 11        | 3.952       | 878           | 890         | 894          | rBV      | 15627          | 31444         | 8.13%           | 1.028%        |
| 12        | 4.338       | 1007          | 1010        | 1014         | rBV3     | 349            | 313           | 0.08%           | 0.010%        |
| 13        | 4.402       | 1014          | 1030        | 1052         | rVV      | 66464          | 163127        | 42.17%          | 5.336%        |
| 14        | 4.611       | 1091          | 1095        | 1096         | rBV2     | 233            | 167           | 0.04%           | 0.005%        |
| 15        | 4.804       | 1151          | 1155        | 1157         | rBV2     | 230            | 213           | 0.06%           | 0.007%        |
| 16        | 4.872       | 1171          | 1176        | 1180         | rBV2     | 308            | 274           | 0.07%           | 0.009%        |
| 17        | 4.920       | 1189          | 1191        | 1193         | rBV      | 111            | 56            | 0.01%           | 0.002%        |
| 18        | 4.936       | 1193          | 1196        | 1201         | rVV2     | 188            | 167           | 0.04%           | 0.005%        |
| 19        | 5.097       | 1228          | 1246        | 1267         | rBV3     | 152237         | 386805        | 100.00%         | 12.652%       |
| 20        | 5.364       | 1327          | 1329        | 1330         | rBV3     | 354            | 139           | 0.04%           | 0.005%        |
| 21        | 5.431       | 1346          | 1350        | 1353         | rBV2     | 410            | 295           | 0.08%           | 0.010%        |
| 22        | 5.528       | 1378          | 1380        | 1382         | rBV      | 263            | 123           | 0.03%           | 0.004%        |
| 23        | 5.666       | 1409          | 1423        | 1453         | rBV      | 132621         | 274053        | 70.85%          | 8.964%        |
| 24        | 5.942       | 1507          | 1509        | 1511         | rVB2     | 315            | 107           | 0.03%           | 0.003%        |
| 25        | 5.965       | 1512          | 1516        | 1518         | rBV2     | 293            | 223           | 0.06%           | 0.007%        |
| 26        | 5.997       | 1523          | 1526        | 1527         | rBV2     | 280            | 175           | 0.05%           | 0.006%        |
| 27        | 6.048       | 1540          | 1542        | 1543         | rBV2     | 282            | 121           | 0.03%           | 0.004%        |
| 28        | 6.119       | 1550          | 1564        | 1580         | rBV2     | 85085          | 177073        | 45.78%          | 5.792%        |
| 29        | 6.364       | 1638          | 1640        | 1646         | rVB      | 248            | 185           | 0.05%           | 0.006%        |
| 30        | 6.482       | 1673          | 1677        | 1680         | rBV2     | 283            | 264           | 0.07%           | 0.009%        |
| 31        | 6.518       | 1686          | 1688        | 1691         | rVB      | 219            | 64            | 0.02%           | 0.002%        |
| 32        | 6.614       | 1716          | 1718        | 1720         | rBV2     | 212            | 113           | 0.03%           | 0.004%        |
| 33        | 6.646       | 1726          | 1728        | 1732         | rBV2     | 294            | 193           | 0.05%           | 0.006%        |
| 34        | 6.823       | 1780          | 1783        | 1788         | rVB3     | 382            | 326           | 0.08%           | 0.011%        |

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 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.849  | 1788 | 1791 | 1794 | rBV2 | 235    | 152    | 0.04%  | 0.005%  |
| 36 | 6.936  | 1814 | 1818 | 1820 | rBV2 | 195    | 135    | 0.03%  | 0.004%  |
| 37 | 6.955  | 1821 | 1824 | 1831 | rVB  | 336    | 356    | 0.09%  | 0.012%  |
| 38 | 6.987  | 1831 | 1834 | 1836 | rBV  | 204    | 119    | 0.03%  | 0.004%  |
| 39 | 7.029  | 1836 | 1847 | 1868 | rBV2 | 46369  | 86627  | 22.40% | 2.833%  |
| 40 | 7.132  | 1876 | 1879 | 1881 | rBV2 | 259    | 182    | 0.05%  | 0.006%  |
| 41 | 7.360  | 1938 | 1950 | 1970 | rBV  | 180395 | 323127 | 83.54% | 10.569% |
| 42 | 7.544  | 2003 | 2007 | 2013 | rBV4 | 353    | 398    | 0.10%  | 0.013%  |
| 43 | 7.666  | 2035 | 2045 | 2065 | rBV  | 31208  | 53549  | 13.84% | 1.751%  |
| 44 | 7.820  | 2091 | 2093 | 2097 | rBV3 | 517    | 368    | 0.10%  | 0.012%  |
| 45 | 7.981  | 2137 | 2143 | 2147 | rBV4 | 2085   | 2860   | 0.74%  | 0.094%  |
| 46 | 8.081  | 2170 | 2174 | 2175 | rBV  | 314    | 209    | 0.05%  | 0.007%  |
| 47 | 8.138  | 2181 | 2192 | 2209 | rBV  | 54964  | 99488  | 25.72% | 3.254%  |
| 48 | 8.347  | 2254 | 2257 | 2259 | rBV2 | 201    | 127    | 0.03%  | 0.004%  |
| 49 | 8.897  | 2415 | 2428 | 2451 | rBV  | 209461 | 353382 | 91.36% | 11.558% |
| 50 | 9.138  | 2501 | 2503 | 2509 | rBV  | 187    | 172    | 0.04%  | 0.006%  |
| 51 | 9.187  | 2516 | 2518 | 2519 | rBV  | 173    | 63     | 0.02%  | 0.002%  |
| 52 | 9.576  | 2636 | 2639 | 2642 | rBV2 | 224    | 168    | 0.04%  | 0.005%  |
| 53 | 9.637  | 2657 | 2658 | 2664 | rVB2 | 270    | 207    | 0.05%  | 0.007%  |
| 54 | 9.698  | 2674 | 2677 | 2679 | rBV  | 123    | 75     | 0.02%  | 0.002%  |
| 55 | 9.961  | 2758 | 2759 | 2762 | rVB  | 296    | 80     | 0.02%  | 0.003%  |
| 56 | 10.260 | 2841 | 2852 | 2872 | rVB  | 93719  | 149663 | 38.69% | 4.895%  |
| 57 | 10.428 | 2895 | 2904 | 2922 | rVB3 | 8541   | 14899  | 3.85%  | 0.487%  |
| 58 | 10.785 | 3013 | 3015 | 3017 | rBV  | 217    | 142    | 0.04%  | 0.005%  |
| 59 | 11.296 | 3163 | 3174 | 3192 | rBV  | 197805 | 329114 | 85.09% | 10.765% |
| 60 | 11.463 | 3224 | 3226 | 3227 | rBV  | 266    | 74     | 0.02%  | 0.002%  |
| 61 | 11.582 | 3260 | 3263 | 3265 | rBV  | 294    | 184    | 0.05%  | 0.006%  |
| 62 | 11.672 | 3280 | 3291 | 3307 | rBV  | 179063 | 297839 | 77.00% | 9.742%  |
| 63 | 11.868 | 3348 | 3352 | 3355 | rBV2 | 486    | 430    | 0.11%  | 0.014%  |
| 64 | 11.949 | 3375 | 3377 | 3379 | rBV2 | 242    | 120    | 0.03%  | 0.004%  |
| 65 | 12.061 | 3410 | 3412 | 3413 | rBV2 | 228    | 90     | 0.02%  | 0.003%  |
| 66 | 12.299 | 3479 | 3486 | 3497 | rBV2 | 2646   | 4403   | 1.14%  | 0.144%  |
| 67 | 12.392 | 3512 | 3515 | 3521 | rBV  | 239    | 217    | 0.06%  | 0.007%  |
| 68 | 12.662 | 3595 | 3599 | 3604 | rBV3 | 296    | 307    | 0.08%  | 0.010%  |
| 69 | 12.688 | 3605 | 3607 | 3620 | rVB2 | 591    | 620    | 0.16%  | 0.020%  |
| 70 | 13.164 | 3751 | 3755 | 3757 | rBV2 | 378    | 326    | 0.08%  | 0.011%  |
| 71 | 13.193 | 3762 | 3764 | 3766 | rVV  | 298    | 94     | 0.02%  | 0.003%  |

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Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
Title : VOC Analysis

|    |        |      |      |      |      |     |     |       |        |
|----|--------|------|------|------|------|-----|-----|-------|--------|
| 72 | 13.473 | 3849 | 3851 | 3852 | rBV  | 263 | 111 | 0.03% | 0.004% |
| 73 | 13.791 | 3945 | 3950 | 3951 | rBV3 | 975 | 811 | 0.21% | 0.027% |
| 74 | 13.923 | 3989 | 3991 | 3998 | rBV2 | 292 | 282 | 0.07% | 0.009% |

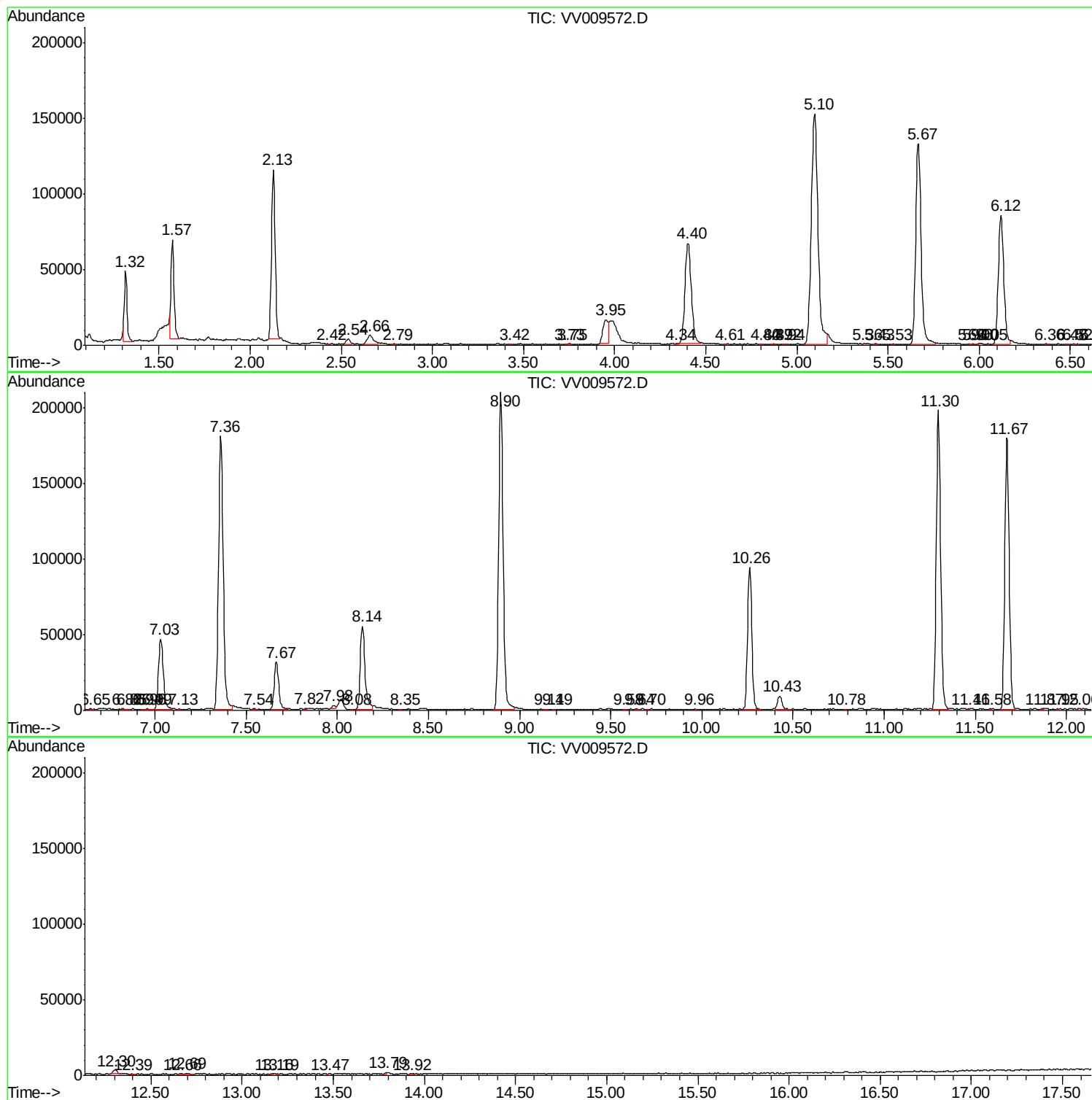
Sum of corrected areas: 3057368

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM030519S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV031019\  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM030519S.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 Integration Parameters: LSCINT.P

| TIC Top Hit name | RT | EstConc | Units | Response | --Internal Standard-- |    |      |      |
|------------------|----|---------|-------|----------|-----------------------|----|------|------|
|                  |    |         |       |          | #                     | RT | Resp | Conc |