

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050719\  
 Data File : VV010731.D  
 Acq On : 08 May 2019 17:29  
 Operator : SY/MD  
 Sample : K2633-01  
 Misc : 5.04G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GAJ95

## 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         | 1.212       | 33            | 38          | 40           | rBV2     | 2875           | 2937          | 0.77%           | 0.101%        |
| 2         | 1.318       | 65            | 71          | 83           | rVB      | 60038          | 57614         | 15.09%          | 1.974%        |
| 3         | 1.576       | 144           | 151         | 162          | rVB      | 44069          | 52758         | 13.82%          | 1.808%        |
| 4         | 2.126       | 312           | 322         | 334          | rBV      | 103976         | 148591        | 38.92%          | 5.091%        |
| 5         | 2.466       | 426           | 428         | 429          | rBV2     | 263            | 122           | 0.03%           | 0.004%        |
| 6         | 2.534       | 438           | 449         | 469          | rBV2     | 31403          | 53051         | 13.89%          | 1.818%        |
| 7         | 2.666       | 485           | 490         | 492          | rBV2     | 307            | 309           | 0.08%           | 0.011%        |
| 8         | 2.801       | 528           | 532         | 543          | rVB3     | 692            | 1036          | 0.27%           | 0.035%        |
| 9         | 2.859       | 547           | 550         | 552          | rBV      | 229            | 146           | 0.04%           | 0.005%        |
| 10        | 2.933       | 569           | 573         | 575          | rBV2     | 176            | 137           | 0.04%           | 0.005%        |
| 11        | 3.019       | 594           | 600         | 602          | rBV2     | 227            | 225           | 0.06%           | 0.008%        |
| 12        | 3.074       | 607           | 617         | 627          | rVB5     | 2176           | 4313          | 1.13%           | 0.148%        |
| 13        | 3.148       | 633           | 640         | 643          | rBV      | 274            | 376           | 0.10%           | 0.013%        |
| 14        | 3.180       | 647           | 650         | 652          | rBV      | 164            | 143           | 0.04%           | 0.005%        |
| 15        | 3.331       | 691           | 697         | 700          | rBV2     | 260            | 243           | 0.06%           | 0.008%        |
| 16        | 3.373       | 708           | 710         | 714          | rBV2     | 176            | 138           | 0.04%           | 0.005%        |
| 17        | 3.412       | 718           | 722         | 725          | rBV2     | 161            | 157           | 0.04%           | 0.005%        |
| 18        | 3.492       | 746           | 747         | 751          | rVB      | 181            | 112           | 0.03%           | 0.004%        |
| 19        | 3.547       | 758           | 764         | 765          | rBV      | 232            | 214           | 0.06%           | 0.007%        |
| 20        | 3.556       | 765           | 767         | 770          | rVB      | 239            | 105           | 0.03%           | 0.004%        |
| 21        | 3.614       | 782           | 785         | 791          | rBV2     | 203            | 244           | 0.06%           | 0.008%        |
| 22        | 3.704       | 810           | 813         | 815          | rBV2     | 202            | 165           | 0.04%           | 0.006%        |
| 23        | 3.752       | 822           | 828         | 829          | rBV2     | 238            | 184           | 0.05%           | 0.006%        |
| 24        | 3.888       | 867           | 870         | 873          | rBV      | 233            | 185           | 0.05%           | 0.006%        |
| 25        | 3.939       | 875           | 886         | 909          | rVV2     | 10920          | 28516         | 7.47%           | 0.977%        |
| 26        | 4.322       | 1002          | 1005        | 1007         | rBV      | 198            | 124           | 0.03%           | 0.004%        |
| 27        | 4.402       | 1014          | 1030        | 1050         | rBV2     | 65310          | 157477        | 41.24%          | 5.396%        |
| 28        | 4.656       | 1107          | 1109        | 1112         | rBV      | 150            | 106           | 0.03%           | 0.004%        |
| 29        | 4.675       | 1112          | 1115        | 1117         | rVB      | 225            | 107           | 0.03%           | 0.004%        |
| 30        | 4.743       | 1134          | 1136        | 1142         | rVB2     | 561            | 485           | 0.13%           | 0.017%        |
| 31        | 4.775       | 1142          | 1146        | 1148         | rBV      | 229            | 195           | 0.05%           | 0.007%        |
| 32        | 4.823       | 1157          | 1161        | 1165         | rBV2     | 266            | 288           | 0.08%           | 0.010%        |
| 33        | 5.013       | 1216          | 1220        | 1223         | rBV2     | 170            | 173           | 0.05%           | 0.006%        |
| 34        | 5.096       | 1227          | 1246        | 1282         | rBV3     | 150910         | 381829        | 100.00%         | 13.083%       |

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 Peak Location: TOP

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

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.360 | 1325 | 1328 | 1331 | rBV2 | 205    | 158    | 0.04%  | 0.005%  |
| 36 | 5.453 | 1354 | 1357 | 1359 | rBV2 | 189    | 163    | 0.04%  | 0.006%  |
| 37 | 5.514 | 1372 | 1376 | 1377 | rBV  | 166    | 98     | 0.03%  | 0.003%  |
| 38 | 5.592 | 1394 | 1400 | 1402 | rBV2 | 342    | 331    | 0.09%  | 0.011%  |
| 39 | 5.662 | 1409 | 1422 | 1447 | rBV  | 127134 | 258081 | 67.59% | 8.843%  |
| 40 | 5.949 | 1505 | 1511 | 1519 | rVB6 | 1186   | 2061   | 0.54%  | 0.071%  |
| 41 | 6.116 | 1550 | 1563 | 1578 | rBV  | 84468  | 173953 | 45.56% | 5.960%  |
| 42 | 6.296 | 1616 | 1619 | 1621 | rBV  | 259    | 174    | 0.05%  | 0.006%  |
| 43 | 6.408 | 1648 | 1654 | 1656 | rBV2 | 233    | 220    | 0.06%  | 0.008%  |
| 44 | 6.524 | 1687 | 1690 | 1694 | rBV  | 249    | 189    | 0.05%  | 0.006%  |
| 45 | 6.595 | 1709 | 1712 | 1715 | rVB2 | 255    | 185    | 0.05%  | 0.006%  |
| 46 | 6.630 | 1720 | 1723 | 1726 | rBV2 | 245    | 146    | 0.04%  | 0.005%  |
| 47 | 6.720 | 1746 | 1751 | 1753 | rBV2 | 259    | 277    | 0.07%  | 0.009%  |
| 48 | 6.830 | 1782 | 1785 | 1788 | rBV  | 250    | 171    | 0.04%  | 0.006%  |
| 49 | 6.929 | 1811 | 1816 | 1820 | rVB2 | 224    | 249    | 0.07%  | 0.009%  |
| 50 | 6.987 | 1830 | 1834 | 1836 | rBV2 | 227    | 198    | 0.05%  | 0.007%  |
| 51 | 7.029 | 1836 | 1847 | 1868 | rBV2 | 45635  | 82641  | 21.64% | 2.832%  |
| 52 | 7.157 | 1884 | 1887 | 1888 | rBV  | 269    | 150    | 0.04%  | 0.005%  |
| 53 | 7.193 | 1896 | 1898 | 1901 | rVB  | 322    | 150    | 0.04%  | 0.005%  |
| 54 | 7.286 | 1920 | 1927 | 1937 | rVB3 | 586    | 982    | 0.26%  | 0.034%  |
| 55 | 7.360 | 1937 | 1950 | 1969 | rBV  | 171455 | 312293 | 81.79% | 10.700% |
| 56 | 7.620 | 2029 | 2031 | 2033 | rBV  | 165    | 113    | 0.03%  | 0.004%  |
| 57 | 7.662 | 2034 | 2044 | 2062 | rVV  | 28574  | 48303  | 12.65% | 1.655%  |
| 58 | 7.791 | 2082 | 2084 | 2086 | rBV2 | 174    | 105    | 0.03%  | 0.004%  |
| 59 | 7.884 | 2107 | 2113 | 2116 | rBV2 | 474    | 405    | 0.11%  | 0.014%  |
| 60 | 8.013 | 2151 | 2153 | 2158 | rVB2 | 470    | 369    | 0.10%  | 0.013%  |
| 61 | 8.045 | 2158 | 2163 | 2165 | rBV  | 322    | 297    | 0.08%  | 0.010%  |
| 62 | 8.132 | 2178 | 2190 | 2207 | rBV  | 41753  | 71954  | 18.84% | 2.465%  |
| 63 | 8.566 | 2318 | 2325 | 2331 | rBV2 | 317    | 523    | 0.14%  | 0.018%  |
| 64 | 8.598 | 2331 | 2335 | 2337 | rBV2 | 214    | 203    | 0.05%  | 0.007%  |
| 65 | 8.637 | 2345 | 2347 | 2350 | rBV2 | 178    | 127    | 0.03%  | 0.004%  |
| 66 | 8.669 | 2355 | 2357 | 2360 | rVB  | 205    | 96     | 0.03%  | 0.003%  |
| 67 | 8.688 | 2360 | 2363 | 2368 | rBV  | 283    | 329    | 0.09%  | 0.011%  |
| 68 | 8.762 | 2382 | 2386 | 2393 | rBV2 | 305    | 400    | 0.10%  | 0.014%  |
| 69 | 8.820 | 2399 | 2404 | 2412 | rBV2 | 237    | 416    | 0.11%  | 0.014%  |
| 70 | 8.897 | 2415 | 2428 | 2466 | rVV  | 194823 | 337907 | 88.50% | 11.578% |
| 71 | 9.186 | 2511 | 2518 | 2532 | rVB3 | 1570   | 2596   | 0.68%  | 0.089%  |

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Filtering: 5  
 Min Area: 0 % of largest Peak  
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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\SOM2VLM050719S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.296  | 2547 | 2552 | 2556 | rBV2 | 270    | 319    | 0.08%  | 0.011%  |
| 73  | 9.456  | 2598 | 2602 | 2606 | rBV2 | 342    | 422    | 0.11%  | 0.014%  |
| 74  | 9.591  | 2638 | 2644 | 2647 | rBV3 | 1243   | 1493   | 0.39%  | 0.051%  |
| 75  | 9.739  | 2686 | 2690 | 2693 | rBV2 | 294    | 295    | 0.08%  | 0.010%  |
| 76  | 9.817  | 2709 | 2714 | 2719 | rBV  | 316    | 448    | 0.12%  | 0.015%  |
| 77  | 9.974  | 2760 | 2763 | 2770 | rVB4 | 903    | 954    | 0.25%  | 0.033%  |
| 78  | 10.019 | 2773 | 2777 | 2780 | rBV  | 362    | 314    | 0.08%  | 0.011%  |
| 79  | 10.061 | 2785 | 2790 | 2794 | rBV  | 276    | 276    | 0.07%  | 0.009%  |
| 80  | 10.260 | 2840 | 2852 | 2868 | rBV  | 68488  | 107592 | 28.18% | 3.686%  |
| 81  | 10.421 | 2897 | 2902 | 2913 | rVB5 | 1618   | 2069   | 0.54%  | 0.071%  |
| 82  | 10.694 | 2983 | 2987 | 2990 | rBV  | 273    | 261    | 0.07%  | 0.009%  |
| 83  | 10.817 | 3022 | 3025 | 3027 | rBV2 | 224    | 155    | 0.04%  | 0.005%  |
| 84  | 10.849 | 3030 | 3035 | 3038 | rBV2 | 186    | 225    | 0.06%  | 0.008%  |
| 85  | 10.958 | 3066 | 3069 | 3072 | rBV  | 292    | 232    | 0.06%  | 0.008%  |
| 86  | 10.990 | 3076 | 3079 | 3082 | rBV  | 266    | 212    | 0.06%  | 0.007%  |
| 87  | 11.183 | 3135 | 3139 | 3140 | rBV  | 368    | 224    | 0.06%  | 0.008%  |
| 88  | 11.231 | 3149 | 3154 | 3162 | rBV4 | 885    | 1045   | 0.27%  | 0.036%  |
| 89  | 11.296 | 3162 | 3174 | 3191 | rBV  | 191920 | 308791 | 80.87% | 10.580% |
| 90  | 11.469 | 3225 | 3228 | 3229 | rBV  | 268    | 161    | 0.04%  | 0.006%  |
| 91  | 11.672 | 3279 | 3291 | 3306 | rBV  | 175083 | 280756 | 73.53% | 9.620%  |
| 92  | 11.884 | 3352 | 3357 | 3361 | rBV4 | 671    | 695    | 0.18%  | 0.024%  |
| 93  | 12.299 | 3478 | 3486 | 3495 | rVB3 | 2633   | 4097   | 1.07%  | 0.140%  |
| 94  | 12.398 | 3514 | 3517 | 3519 | rBV  | 263    | 187    | 0.05%  | 0.006%  |
| 95  | 13.312 | 3799 | 3801 | 3804 | rVB2 | 455    | 267    | 0.07%  | 0.009%  |
| 96  | 13.553 | 3867 | 3876 | 3888 | rBV2 | 6741   | 10184  | 2.67%  | 0.349%  |
| 97  | 13.794 | 3946 | 3951 | 3959 | rVB4 | 3265   | 3648   | 0.96%  | 0.125%  |
| 98  | 14.492 | 4166 | 4168 | 4170 | rBV  | 251    | 122    | 0.03%  | 0.004%  |
| 99  | 14.865 | 4278 | 4284 | 4294 | rVB3 | 1909   | 2892   | 0.76%  | 0.099%  |
| 100 | 15.678 | 4534 | 4537 | 4541 | rBV2 | 479    | 437    | 0.11%  | 0.015%  |

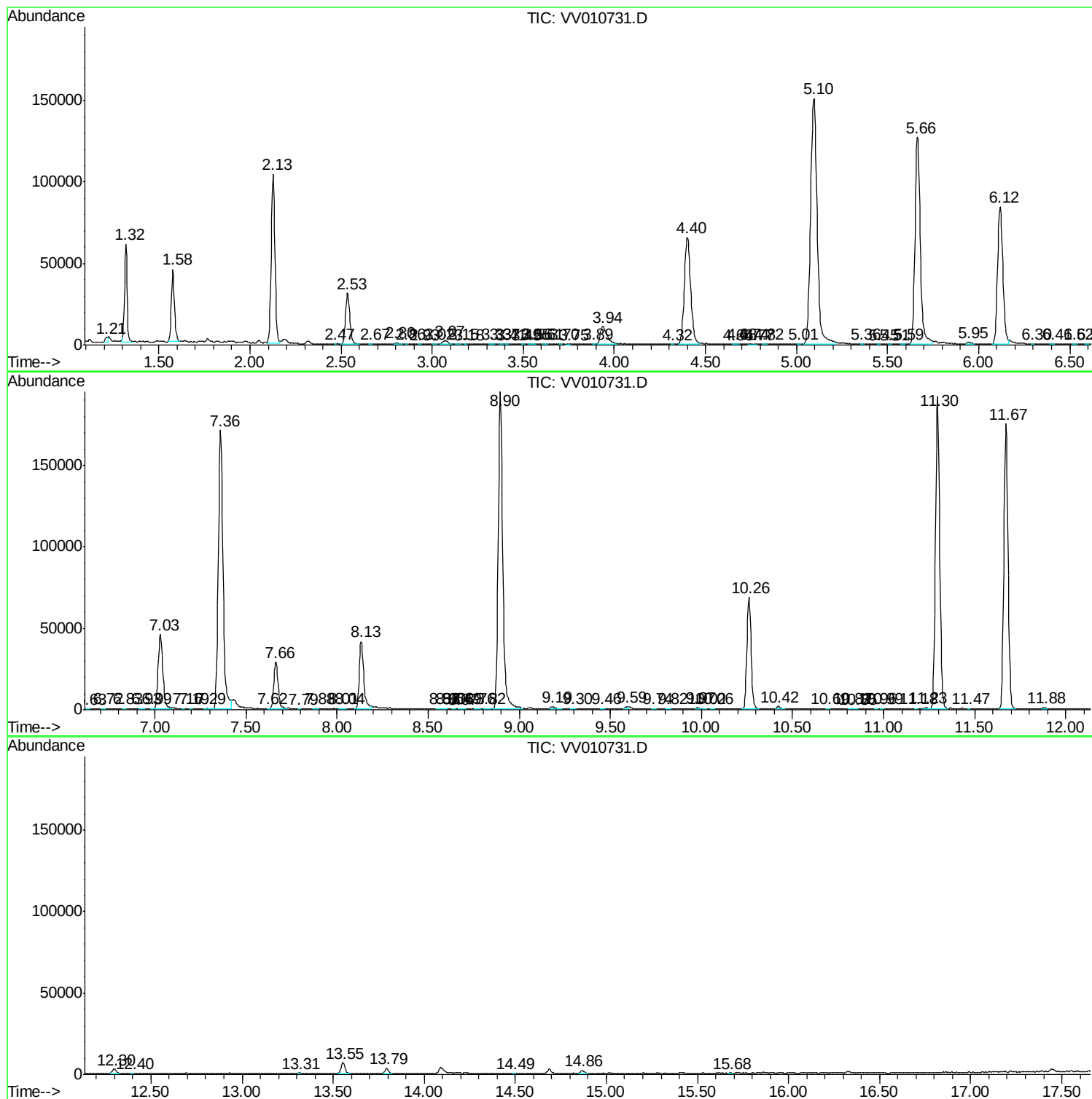
Sum of corrected areas: 2918591

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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\VV050719\  
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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        |