

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050919\  
 Data File : VV010793.D  
 Acq On : 10 May 2019 04:13  
 Operator : SY/MD  
 Sample : K2788-05  
 Misc : 0.13G/10ML/MSVOA V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A5194

## 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 # | R.T. min | first scan | max scan | last scan | PK TY | peak height | corr. area | corr. % max. | % of total |
|--------|----------|------------|----------|-----------|-------|-------------|------------|--------------|------------|
| 1      | 1.203    | 28         | 35       | 45        | rBV   | 31931       | 32422      | 8.21%        | 1.168%     |
| 2      | 1.309    | 62         | 68       | 81        | rVB   | 53455       | 54266      | 13.74%       | 1.955%     |
| 3      | 1.553    | 137        | 144      | 156       | rVB   | 47856       | 58187      | 14.73%       | 2.096%     |
| 4      | 2.113    | 305        | 318      | 331       | rBV   | 100475      | 145788     | 36.91%       | 5.253%     |
| 5      | 2.238    | 352        | 357      | 363       | rBV2  | 367         | 499        | 0.13%        | 0.018%     |
| 6      | 2.521    | 435        | 445      | 457       | rVB4  | 4074        | 7090       | 1.80%        | 0.255%     |
| 7      | 2.569    | 457        | 460      | 464       | rBV2  | 191         | 224        | 0.06%        | 0.008%     |
| 8      | 2.637    | 474        | 481      | 482       | rBV2  | 1158        | 1011       | 0.26%        | 0.036%     |
| 9      | 2.714    | 503        | 505      | 507       | rBV2  | 259         | 162        | 0.04%        | 0.006%     |
| 10     | 2.749    | 512        | 516      | 518       | rBV2  | 316         | 278        | 0.07%        | 0.010%     |
| 11     | 2.814    | 532        | 536      | 542       | rVB2  | 318         | 453        | 0.11%        | 0.016%     |
| 12     | 2.846    | 542        | 546      | 550       | rBV2  | 289         | 368        | 0.09%        | 0.013%     |
| 13     | 3.003    | 592        | 595      | 599       | rBB2  | 273         | 247        | 0.06%        | 0.009%     |
| 14     | 3.055    | 606        | 611      | 612       | rBV   | 267         | 222        | 0.06%        | 0.008%     |
| 15     | 3.225    | 661        | 664      | 667       | rBV2  | 302         | 230        | 0.06%        | 0.008%     |
| 16     | 3.315    | 687        | 692      | 696       | rBV   | 338         | 446        | 0.11%        | 0.016%     |
| 17     | 3.386    | 711        | 714      | 715       | rBV   | 284         | 184        | 0.05%        | 0.007%     |
| 18     | 3.396    | 715        | 717      | 721       | rVB   | 302         | 201        | 0.05%        | 0.007%     |
| 19     | 3.544    | 759        | 763      | 766       | rBV2  | 185         | 175        | 0.04%        | 0.006%     |
| 20     | 3.733    | 819        | 822      | 824       | rBV   | 290         | 195        | 0.05%        | 0.007%     |
| 21     | 3.765    | 829        | 832      | 836       | rVB2  | 196         | 163        | 0.04%        | 0.006%     |
| 22     | 3.884    | 865        | 869      | 870       | rBV   | 267         | 218        | 0.06%        | 0.008%     |
| 23     | 3.923    | 870        | 881      | 905       | rVV2  | 15405       | 40536      | 10.26%       | 1.461%     |
| 24     | 4.254    | 982        | 984      | 987       | rVB   | 286         | 157        | 0.04%        | 0.006%     |
| 25     | 4.286    | 992        | 994      | 997       | rVV   | 308         | 171        | 0.04%        | 0.006%     |
| 26     | 4.389    | 1010       | 1026     | 1046      | rBV   | 64256       | 163679     | 41.44%       | 5.897%     |
| 27     | 4.502    | 1058       | 1061     | 1063      | rBV   | 429         | 316        | 0.08%        | 0.011%     |
| 28     | 4.563    | 1075       | 1080     | 1083      | rBV2  | 264         | 281        | 0.07%        | 0.010%     |
| 29     | 4.778    | 1144       | 1147     | 1150      | rBV   | 339         | 291        | 0.07%        | 0.010%     |
| 30     | 4.955    | 1200       | 1202     | 1208      | rBV   | 262         | 238        | 0.06%        | 0.009%     |
| 31     | 5.087    | 1224       | 1243     | 1265      | rBV2  | 156857      | 394933     | 100.00%      | 14.229%    |
| 32     | 5.357    | 1324       | 1327     | 1331      | rBV2  | 202         | 166        | 0.04%        | 0.006%     |
| 33     | 5.460    | 1357       | 1359     | 1361      | rVV   | 251         | 151        | 0.04%        | 0.005%     |
| 34     | 5.656    | 1404       | 1420     | 1437      | rBV   | 113730      | 228993     | 57.98%       | 8.251%     |

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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 | 5.949  | 1501 | 1511 | 1516 | rVB4 | 1202   | 1981   | 0.50%  | 0.071%  |
| 36 | 6.113  | 1547 | 1562 | 1580 | rBV  | 94699  | 187809 | 47.55% | 6.767%  |
| 37 | 6.351  | 1633 | 1636 | 1641 | rVB2 | 292    | 274    | 0.07%  | 0.010%  |
| 38 | 6.412  | 1652 | 1655 | 1660 | rVB  | 296    | 304    | 0.08%  | 0.011%  |
| 39 | 6.743  | 1755 | 1758 | 1761 | rBV  | 284    | 217    | 0.05%  | 0.008%  |
| 40 | 6.852  | 1789 | 1792 | 1795 | rBV  | 208    | 167    | 0.04%  | 0.006%  |
| 41 | 7.026  | 1833 | 1846 | 1861 | rBV3 | 47291  | 84369  | 21.36% | 3.040%  |
| 42 | 7.177  | 1885 | 1893 | 1894 | rBV3 | 1258   | 1140   | 0.29%  | 0.041%  |
| 43 | 7.357  | 1933 | 1949 | 1968 | rBV  | 165080 | 291723 | 73.87% | 10.511% |
| 44 | 7.659  | 2032 | 2043 | 2060 | rBV2 | 32526  | 54383  | 13.77% | 1.959%  |
| 45 | 7.759  | 2071 | 2074 | 2080 | rBV2 | 408    | 323    | 0.08%  | 0.012%  |
| 46 | 7.981  | 2135 | 2143 | 2155 | rVB2 | 3204   | 4044   | 1.02%  | 0.146%  |
| 47 | 8.129  | 2178 | 2189 | 2206 | rBV  | 59671  | 102351 | 25.92% | 3.688%  |
| 48 | 8.592  | 2329 | 2333 | 2338 | rBV2 | 163    | 218    | 0.06%  | 0.008%  |
| 49 | 8.653  | 2348 | 2352 | 2357 | rVB2 | 186    | 155    | 0.04%  | 0.006%  |
| 50 | 8.781  | 2386 | 2392 | 2394 | rBV  | 175    | 218    | 0.06%  | 0.008%  |
| 51 | 8.894  | 2415 | 2427 | 2454 | rBV  | 174524 | 293092 | 74.21% | 10.560% |
| 52 | 9.051  | 2471 | 2476 | 2477 | rBV2 | 241    | 167    | 0.04%  | 0.006%  |
| 53 | 9.183  | 2514 | 2517 | 2520 | rBV2 | 335    | 316    | 0.08%  | 0.011%  |
| 54 | 9.222  | 2526 | 2529 | 2532 | rBV2 | 197    | 149    | 0.04%  | 0.005%  |
| 55 | 9.376  | 2574 | 2577 | 2579 | rBV  | 271    | 176    | 0.04%  | 0.006%  |
| 56 | 9.392  | 2579 | 2582 | 2585 | rVV2 | 224    | 175    | 0.04%  | 0.006%  |
| 57 | 9.428  | 2591 | 2593 | 2602 | rVB2 | 265    | 305    | 0.08%  | 0.011%  |
| 58 | 9.547  | 2626 | 2630 | 2636 | rBV2 | 310    | 419    | 0.11%  | 0.015%  |
| 59 | 9.592  | 2638 | 2644 | 2647 | rBV3 | 365    | 437    | 0.11%  | 0.016%  |
| 60 | 9.672  | 2666 | 2669 | 2672 | rBV  | 282    | 233    | 0.06%  | 0.008%  |
| 61 | 9.717  | 2680 | 2683 | 2687 | rVV2 | 178    | 176    | 0.04%  | 0.006%  |
| 62 | 9.862  | 2724 | 2728 | 2729 | rBV2 | 356    | 171    | 0.04%  | 0.006%  |
| 63 | 9.977  | 2759 | 2764 | 2769 | rBV2 | 294    | 329    | 0.08%  | 0.012%  |
| 64 | 10.260 | 2841 | 2852 | 2869 | rVB  | 84285  | 132487 | 33.55% | 4.773%  |
| 65 | 10.334 | 2872 | 2875 | 2877 | rBV  | 367    | 262    | 0.07%  | 0.009%  |
| 66 | 10.421 | 2893 | 2902 | 2909 | rBV3 | 3458   | 4892   | 1.24%  | 0.176%  |
| 67 | 10.543 | 2936 | 2940 | 2942 | rBV2 | 197    | 158    | 0.04%  | 0.006%  |
| 68 | 10.579 | 2949 | 2951 | 2955 | rVB2 | 338    | 221    | 0.06%  | 0.008%  |
| 69 | 10.611 | 2959 | 2961 | 2963 | rBV2 | 318    | 157    | 0.04%  | 0.006%  |
| 70 | 10.669 | 2973 | 2979 | 2983 | rVB  | 397    | 531    | 0.13%  | 0.019%  |
| 71 | 10.691 | 2983 | 2986 | 2987 | rBV2 | 416    | 269    | 0.07%  | 0.010%  |

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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  | 10.823 | 3024 | 3027 | 3030 | rVB  | 325    | 254    | 0.06%  | 0.009% |
| 73  | 10.842 | 3030 | 3033 | 3036 | rBV2 | 272    | 246    | 0.06%  | 0.009% |
| 74  | 10.965 | 3067 | 3071 | 3073 | rBV  | 212    | 156    | 0.04%  | 0.006% |
| 75  | 11.100 | 3110 | 3113 | 3117 | rBV2 | 230    | 246    | 0.06%  | 0.009% |
| 76  | 11.196 | 3139 | 3143 | 3146 | rBV2 | 366    | 320    | 0.08%  | 0.012% |
| 77  | 11.231 | 3152 | 3154 | 3157 | rBV2 | 182    | 149    | 0.04%  | 0.005% |
| 78  | 11.292 | 3162 | 3173 | 3190 | rVV  | 139202 | 226462 | 57.34% | 8.159% |
| 79  | 11.537 | 3246 | 3249 | 3253 | rBV2 | 197    | 209    | 0.05%  | 0.008% |
| 80  | 11.575 | 3253 | 3261 | 3271 | rVV4 | 2734   | 4645   | 1.18%  | 0.167% |
| 81  | 11.669 | 3279 | 3290 | 3307 | rBV  | 147283 | 239259 | 60.58% | 8.620% |
| 82  | 11.900 | 3357 | 3362 | 3365 | rBV  | 241    | 218    | 0.06%  | 0.008% |
| 83  | 12.138 | 3432 | 3436 | 3438 | rVV2 | 286    | 270    | 0.07%  | 0.010% |
| 84  | 12.167 | 3442 | 3445 | 3448 | rVV  | 200    | 156    | 0.04%  | 0.006% |
| 85  | 12.206 | 3451 | 3457 | 3462 | rBV  | 340    | 485    | 0.12%  | 0.017% |
| 86  | 12.289 | 3479 | 3483 | 3486 | rBV2 | 808    | 830    | 0.21%  | 0.030% |
| 87  | 12.633 | 3585 | 3590 | 3592 | rBV2 | 242    | 228    | 0.06%  | 0.008% |
| 88  | 12.894 | 3667 | 3671 | 3674 | rVB  | 220    | 203    | 0.05%  | 0.007% |
| 89  | 12.997 | 3697 | 3703 | 3707 | rBV3 | 340    | 419    | 0.11%  | 0.015% |
| 90  | 13.222 | 3769 | 3773 | 3775 | rBV  | 375    | 256    | 0.06%  | 0.009% |
| 91  | 13.299 | 3792 | 3797 | 3801 | rBV2 | 209    | 248    | 0.06%  | 0.009% |
| 92  | 13.321 | 3801 | 3804 | 3807 | rBV  | 227    | 185    | 0.05%  | 0.007% |
| 93  | 13.466 | 3843 | 3849 | 3850 | rBV2 | 189    | 215    | 0.05%  | 0.008% |
| 94  | 13.498 | 3856 | 3859 | 3863 | rBV  | 277    | 251    | 0.06%  | 0.009% |
| 95  | 13.704 | 3918 | 3923 | 3926 | rBV2 | 255    | 271    | 0.07%  | 0.010% |
| 96  | 13.894 | 3978 | 3982 | 3985 | rBV2 | 243    | 214    | 0.05%  | 0.008% |
| 97  | 14.707 | 4233 | 4235 | 4242 | rBV2 | 260    | 237    | 0.06%  | 0.009% |
| 98  | 15.463 | 4465 | 4470 | 4473 | rBV2 | 383    | 419    | 0.11%  | 0.015% |
| 99  | 15.842 | 4582 | 4588 | 4590 | rBV2 | 425    | 516    | 0.13%  | 0.019% |
| 100 | 16.681 | 4847 | 4849 | 4851 | rBV  | 380    | 170    | 0.04%  | 0.006% |

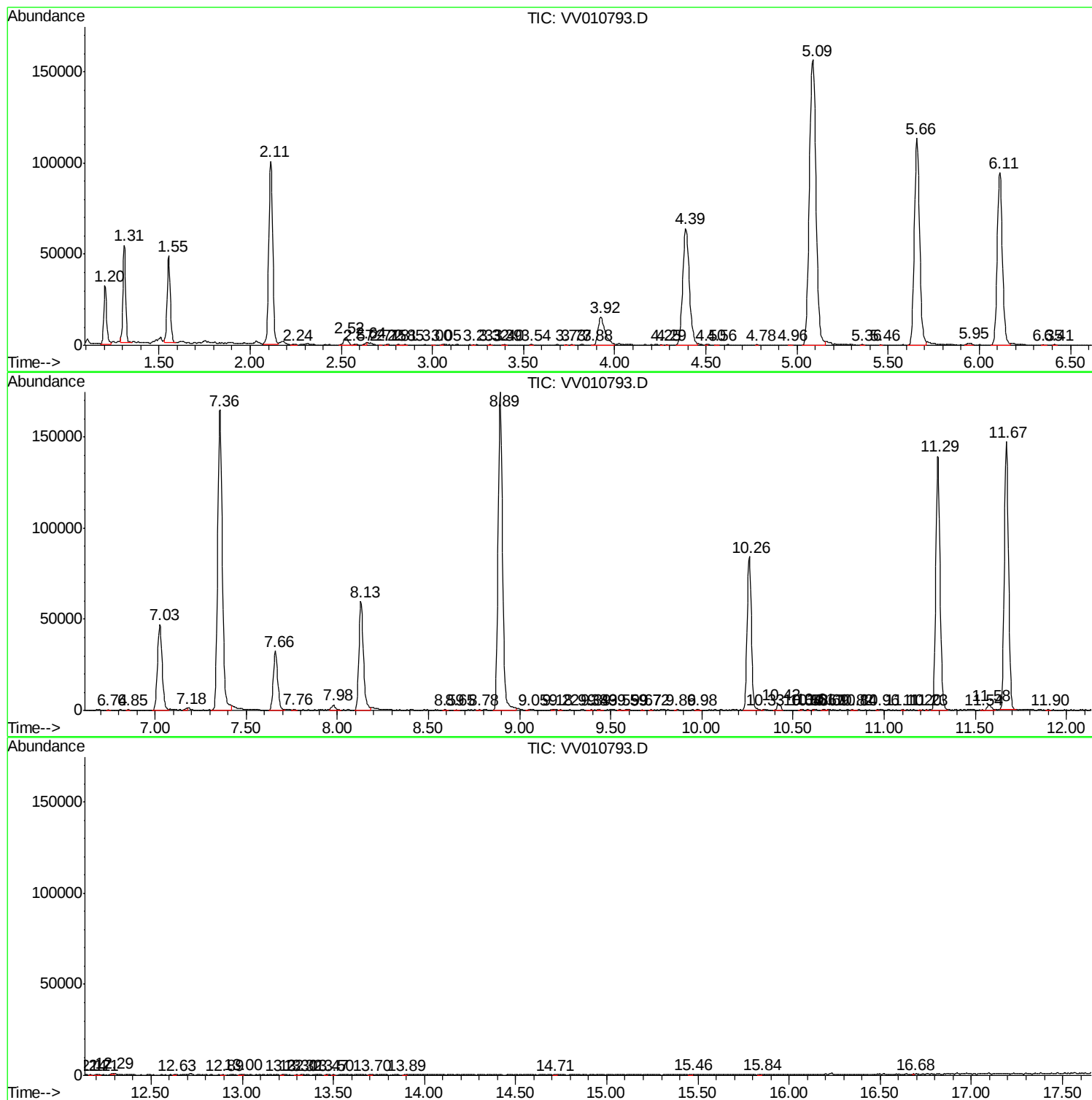
Sum of corrected areas: 2775476

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ClientSampled :  
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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:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV050919\  
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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        |