

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV051419\  
 Data File : VV010924.D  
 Acq On : 16 May 2019 09:24  
 Operator : SY/MD  
 Sample : K2737-15RE  
 Misc : 5.35G/10ML/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DB863RE

## 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\SOM2VLM051319S.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      | 1.322    | 67         | 72       | 78        | rVB   | 66961       | 60365      | 13.07%       | 1.755%     |
| 2      | 1.582    | 147        | 153      | 163       | rVB   | 51122       | 58131      | 12.59%       | 1.690%     |
| 3      | 2.132    | 314        | 324      | 335       | rBV   | 113973      | 162153     | 35.11%       | 4.714%     |
| 4      | 2.534    | 443        | 449      | 460       | rVB4  | 1564        | 2274       | 0.49%        | 0.066%     |
| 5      | 2.663    | 485        | 489      | 491       | rBV4  | 935         | 685        | 0.15%        | 0.020%     |
| 6      | 2.843    | 542        | 545      | 547       | rBV   | 202         | 166        | 0.04%        | 0.005%     |
| 7      | 3.077    | 615        | 618      | 620       | rVB   | 332         | 214        | 0.05%        | 0.006%     |
| 8      | 3.103    | 621        | 626      | 631       | rBV2  | 227         | 306        | 0.07%        | 0.009%     |
| 9      | 3.177    | 646        | 649      | 656       | rVB2  | 198         | 277        | 0.06%        | 0.008%     |
| 10     | 3.302    | 682        | 688      | 692       | rBV2  | 289         | 274        | 0.06%        | 0.008%     |
| 11     | 3.325    | 692        | 695      | 697       | rBV2  | 201         | 166        | 0.04%        | 0.005%     |
| 12     | 3.415    | 716        | 723      | 724       | rBV2  | 168         | 170        | 0.04%        | 0.005%     |
| 13     | 3.524    | 753        | 757      | 762       | rVB2  | 209         | 209        | 0.05%        | 0.006%     |
| 14     | 3.553    | 762        | 766      | 768       | rBV2  | 205         | 164        | 0.04%        | 0.005%     |
| 15     | 3.592    | 775        | 778      | 782       | rBV2  | 175         | 157        | 0.03%        | 0.005%     |
| 16     | 3.621    | 785        | 787      | 791       | rBV2  | 230         | 201        | 0.04%        | 0.006%     |
| 17     | 3.785    | 836        | 838      | 841       | rVB2  | 262         | 137        | 0.03%        | 0.004%     |
| 18     | 3.933    | 873        | 884      | 910       | rBV   | 9744        | 28383      | 6.15%        | 0.825%     |
| 19     | 4.142    | 946        | 949      | 951       | rBV2  | 328         | 199        | 0.04%        | 0.006%     |
| 20     | 4.199    | 962        | 967      | 969       | rBV2  | 208         | 202        | 0.04%        | 0.006%     |
| 21     | 4.289    | 992        | 995      | 999       | rBV2  | 217         | 217        | 0.05%        | 0.006%     |
| 22     | 4.399    | 1012       | 1029     | 1053      | rBV   | 77483       | 201902     | 43.72%       | 5.869%     |
| 23     | 4.540    | 1070       | 1073     | 1078      | rVB4  | 582         | 452        | 0.10%        | 0.013%     |
| 24     | 4.598    | 1089       | 1091     | 1096      | rBV2  | 233         | 235        | 0.05%        | 0.007%     |
| 25     | 4.775    | 1141       | 1146     | 1148      | rBV2  | 165         | 147        | 0.03%        | 0.004%     |
| 26     | 4.830    | 1157       | 1163     | 1166      | rBV2  | 186         | 214        | 0.05%        | 0.006%     |
| 27     | 4.910    | 1184       | 1188     | 1191      | rBV2  | 215         | 168        | 0.04%        | 0.005%     |
| 28     | 4.949    | 1194       | 1200     | 1203      | rBV   | 276         | 266        | 0.06%        | 0.008%     |
| 29     | 5.093    | 1227       | 1245     | 1271      | rBV2  | 184733      | 461843     | 100.00%      | 13.425%    |
| 30     | 5.447    | 1351       | 1355     | 1357      | rBV2  | 216         | 146        | 0.03%        | 0.004%     |
| 31     | 5.515    | 1373       | 1376     | 1378      | rVV2  | 305         | 203        | 0.04%        | 0.006%     |
| 32     | 5.566    | 1387       | 1392     | 1395      | rBV   | 187         | 167        | 0.04%        | 0.005%     |
| 33     | 5.662    | 1408       | 1422     | 1450      | rBV   | 168449      | 357005     | 77.30%       | 10.378%    |
| 34     | 5.952    | 1508       | 1512     | 1516      | rBV5  | 1078        | 1073       | 0.23%        | 0.031%     |

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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\SOM2VLM051319S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |        |         |
|----|-------|------|------|------|------|--------|--------|--------|---------|
| 35 | 6.003 | 1523 | 1528 | 1536 | rVB2 | 220    | 310    | 0.07%  | 0.009%  |
| 36 | 6.116 | 1549 | 1563 | 1589 | rBV  | 106421 | 220014 | 47.64% | 6.395%  |
| 37 | 6.373 | 1641 | 1643 | 1647 | rBV  | 173    | 146    | 0.03%  | 0.004%  |
| 38 | 6.399 | 1648 | 1651 | 1660 | rVB  | 250    | 335    | 0.07%  | 0.010%  |
| 39 | 6.492 | 1678 | 1680 | 1684 | rBV2 | 208    | 200    | 0.04%  | 0.006%  |
| 40 | 6.572 | 1702 | 1705 | 1709 | rBV2 | 188    | 152    | 0.03%  | 0.004%  |
| 41 | 6.617 | 1715 | 1719 | 1722 | rBV  | 159    | 127    | 0.03%  | 0.004%  |
| 42 | 6.675 | 1734 | 1737 | 1742 | rBV2 | 157    | 190    | 0.04%  | 0.006%  |
| 43 | 6.727 | 1750 | 1753 | 1755 | rBV  | 218    | 156    | 0.03%  | 0.005%  |
| 44 | 6.775 | 1763 | 1768 | 1773 | rBV2 | 209    | 254    | 0.05%  | 0.007%  |
| 45 | 6.839 | 1785 | 1788 | 1791 | rBV2 | 165    | 154    | 0.03%  | 0.004%  |
| 46 | 6.907 | 1805 | 1809 | 1811 | rBV2 | 198    | 130    | 0.03%  | 0.004%  |
| 47 | 6.971 | 1827 | 1829 | 1833 | rBV  | 179    | 168    | 0.04%  | 0.005%  |
| 48 | 7.026 | 1835 | 1846 | 1864 | rBV  | 50606  | 91354  | 19.78% | 2.656%  |
| 49 | 7.158 | 1880 | 1887 | 1893 | rBV2 | 275    | 416    | 0.09%  | 0.012%  |
| 50 | 7.235 | 1907 | 1911 | 1914 | rBV2 | 280    | 250    | 0.05%  | 0.007%  |
| 51 | 7.357 | 1936 | 1949 | 1988 | rBV  | 217126 | 409221 | 88.61% | 11.895% |
| 52 | 7.662 | 2033 | 2044 | 2062 | rBV  | 30940  | 51821  | 11.22% | 1.506%  |
| 53 | 7.794 | 2082 | 2085 | 2088 | rBV3 | 252    | 170    | 0.04%  | 0.005%  |
| 54 | 7.871 | 2106 | 2109 | 2111 | rBV3 | 350    | 276    | 0.06%  | 0.008%  |
| 55 | 7.932 | 2125 | 2128 | 2130 | rBV  | 202    | 131    | 0.03%  | 0.004%  |
| 56 | 7.971 | 2136 | 2140 | 2145 | rBV3 | 678    | 785    | 0.17%  | 0.023%  |
| 57 | 8.096 | 2174 | 2179 | 2180 | rBV  | 252    | 211    | 0.05%  | 0.006%  |
| 58 | 8.132 | 2180 | 2190 | 2207 | rBV2 | 33549  | 63191  | 13.68% | 1.837%  |
| 59 | 8.370 | 2260 | 2264 | 2267 | rBV  | 206    | 191    | 0.04%  | 0.006%  |
| 60 | 8.412 | 2273 | 2277 | 2279 | rBV2 | 173    | 136    | 0.03%  | 0.004%  |
| 61 | 8.601 | 2331 | 2336 | 2341 | rBV2 | 291    | 396    | 0.09%  | 0.012%  |
| 62 | 8.649 | 2348 | 2351 | 2354 | rBV  | 265    | 184    | 0.04%  | 0.005%  |
| 63 | 8.675 | 2354 | 2359 | 2361 | rVV2 | 184    | 183    | 0.04%  | 0.005%  |
| 64 | 8.894 | 2414 | 2427 | 2461 | rBV  | 253482 | 433083 | 93.77% | 12.589% |
| 65 | 9.096 | 2485 | 2490 | 2492 | rBV  | 166    | 178    | 0.04%  | 0.005%  |
| 66 | 9.154 | 2504 | 2508 | 2510 | rBV  | 241    | 166    | 0.04%  | 0.005%  |
| 67 | 9.180 | 2510 | 2516 | 2517 | rBV3 | 635    | 551    | 0.12%  | 0.016%  |
| 68 | 9.251 | 2535 | 2538 | 2542 | rBV2 | 240    | 278    | 0.06%  | 0.008%  |
| 69 | 9.312 | 2553 | 2557 | 2559 | rBV  | 203    | 173    | 0.04%  | 0.005%  |
| 70 | 9.328 | 2559 | 2562 | 2565 | rVB  | 230    | 176    | 0.04%  | 0.005%  |
| 71 | 9.354 | 2565 | 2570 | 2574 | rBV2 | 231    | 297    | 0.06%  | 0.009%  |

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## Integration Parameters: LSCINT.P

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 Start Thrs: 0.2  
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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\SOM2VLM051319S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.379  | 2574 | 2578 | 2582 | rBV2 | 197    | 187    | 0.04%  | 0.005%  |
| 73  | 9.447  | 2594 | 2599 | 2602 | rBV  | 154    | 175    | 0.04%  | 0.005%  |
| 74  | 9.588  | 2638 | 2643 | 2646 | rBV3 | 578    | 583    | 0.13%  | 0.017%  |
| 75  | 9.675  | 2668 | 2670 | 2675 | rBV2 | 164    | 175    | 0.04%  | 0.005%  |
| 76  | 9.772  | 2696 | 2700 | 2702 | rBV  | 189    | 172    | 0.04%  | 0.005%  |
| 77  | 9.874  | 2729 | 2732 | 2736 | rBV  | 230    | 227    | 0.05%  | 0.007%  |
| 78  | 9.948  | 2751 | 2755 | 2759 | rBV  | 230    | 241    | 0.05%  | 0.007%  |
| 79  | 10.193 | 2825 | 2831 | 2836 | rBV2 | 203    | 269    | 0.06%  | 0.008%  |
| 80  | 10.260 | 2840 | 2852 | 2868 | rVB  | 73607  | 116202 | 25.16% | 3.378%  |
| 81  | 10.424 | 2895 | 2903 | 2912 | rVB6 | 3112   | 4654   | 1.01%  | 0.135%  |
| 82  | 10.540 | 2936 | 2939 | 2941 | rBV  | 167    | 135    | 0.03%  | 0.004%  |
| 83  | 10.817 | 3022 | 3025 | 3029 | rVB4 | 328    | 273    | 0.06%  | 0.008%  |
| 84  | 10.955 | 3066 | 3068 | 3072 | rVB  | 318    | 194    | 0.04%  | 0.006%  |
| 85  | 11.013 | 3083 | 3086 | 3087 | rBV  | 222    | 149    | 0.03%  | 0.004%  |
| 86  | 11.196 | 3138 | 3143 | 3149 | rVB2 | 342    | 309    | 0.07%  | 0.009%  |
| 87  | 11.225 | 3150 | 3152 | 3161 | rVB3 | 409    | 443    | 0.10%  | 0.013%  |
| 88  | 11.296 | 3161 | 3174 | 3192 | rBV  | 227364 | 369389 | 79.98% | 10.738% |
| 89  | 11.431 | 3210 | 3216 | 3217 | rBV3 | 423    | 390    | 0.08%  | 0.011%  |
| 90  | 11.575 | 3255 | 3261 | 3272 | rVV5 | 2990   | 4660   | 1.01%  | 0.135%  |
| 91  | 11.672 | 3279 | 3291 | 3306 | rBV  | 196720 | 317867 | 68.83% | 9.240%  |
| 92  | 11.813 | 3332 | 3335 | 3338 | rBV2 | 379    | 304    | 0.07%  | 0.009%  |
| 93  | 11.865 | 3349 | 3351 | 3352 | rBV  | 310    | 124    | 0.03%  | 0.004%  |
| 94  | 12.299 | 3474 | 3486 | 3494 | rBV2 | 2158   | 3494   | 0.76%  | 0.102%  |
| 95  | 12.514 | 3550 | 3553 | 3563 | rVB4 | 935    | 1095   | 0.24%  | 0.032%  |
| 96  | 12.694 | 3606 | 3609 | 3612 | rBV2 | 271    | 177    | 0.04%  | 0.005%  |
| 97  | 12.887 | 3664 | 3669 | 3671 | rBV2 | 193    | 202    | 0.04%  | 0.006%  |
| 98  | 13.315 | 3799 | 3802 | 3805 | rBB3 | 362    | 212    | 0.05%  | 0.006%  |
| 99  | 13.791 | 3945 | 3950 | 3957 | rBV5 | 2004   | 2657   | 0.58%  | 0.077%  |
| 100 | 14.694 | 4228 | 4231 | 4233 | rBV  | 274    | 174    | 0.04%  | 0.005%  |

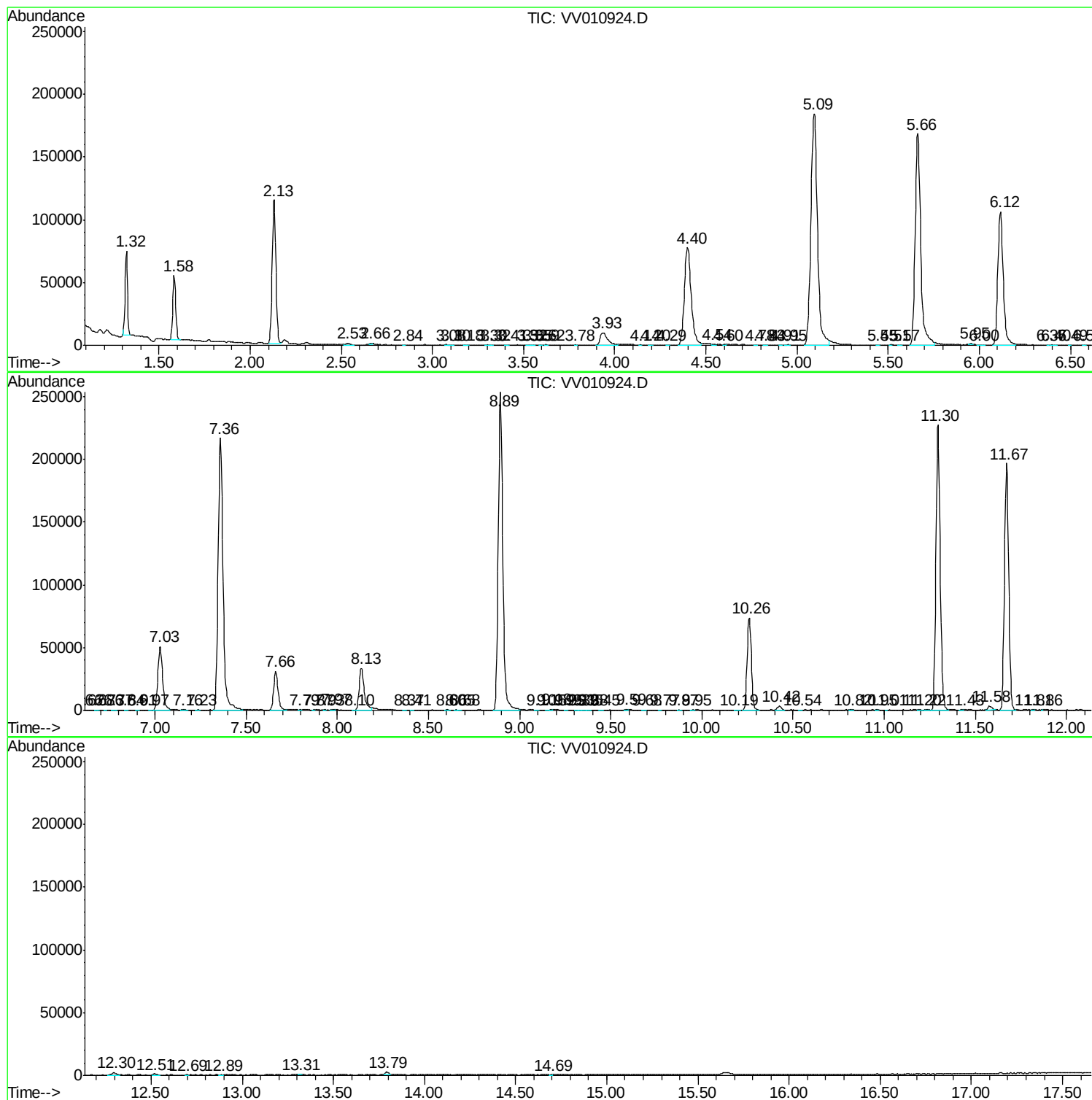
Sum of corrected areas: 3440158

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Sample : K2737-15RE  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM051319S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV051419\  
Data File : VV010924.D  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM051319S.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 |

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