

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102219\  
 Data File : VW013657.D  
 Acq On : 22 Oct 2019 16:03  
 Operator : SY/VA  
 Sample : K5422-11RE  
 Misc : 5.80G/10ML/MSVOA W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AC2RE

## 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\_W\METHOD\SOM2WLM101819S.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         | 2.355       | 69            | 74          | 84           | rVB      | 66068          | 117219        | 14.48%          | 2.188%        |
| 2         | 2.891       | 154           | 162         | 175          | rBV      | 47354          | 112466        | 13.89%          | 2.100%        |
| 3         | 3.208       | 211           | 214         | 217          | rBV      | 421            | 632           | 0.08%           | 0.012%        |
| 4         | 3.288       | 224           | 227         | 233          | rVB3     | 318            | 653           | 0.08%           | 0.012%        |
| 5         | 3.336       | 233           | 235         | 236          | rBV2     | 255            | 194           | 0.02%           | 0.004%        |
| 6         | 3.391       | 240           | 244         | 247          | rVB4     | 696            | 1082          | 0.13%           | 0.020%        |
| 7         | 3.501       | 258           | 262         | 264          | rBV3     | 379            | 527           | 0.07%           | 0.010%        |
| 8         | 3.562       | 268           | 272         | 273          | rBV2     | 289            | 293           | 0.04%           | 0.005%        |
| 9         | 3.861       | 318           | 321         | 326          | rVB3     | 321            | 320           | 0.04%           | 0.006%        |
| 10        | 3.903       | 326           | 328         | 329          | rBV2     | 299            | 215           | 0.03%           | 0.004%        |
| 11        | 4.019       | 334           | 347         | 359          | rBV      | 110431         | 312286        | 38.57%          | 5.830%        |
| 12        | 4.184       | 372           | 374         | 377          | rVB2     | 475            | 492           | 0.06%           | 0.009%        |
| 13        | 4.214       | 377           | 379         | 382          | rVB2     | 705            | 520           | 0.06%           | 0.010%        |
| 14        | 4.385       | 397           | 407         | 415          | rVB2     | 1065           | 2958          | 0.37%           | 0.055%        |
| 15        | 4.440       | 415           | 416         | 418          | rBV      | 269            | 205           | 0.03%           | 0.004%        |
| 16        | 4.672       | 453           | 454         | 456          | rBV2     | 289            | 224           | 0.03%           | 0.004%        |
| 17        | 4.714       | 458           | 461         | 463          | rVB2     | 300            | 259           | 0.03%           | 0.005%        |
| 18        | 4.787       | 471           | 473         | 475          | rBV      | 179            | 197           | 0.02%           | 0.004%        |
| 19        | 4.824       | 477           | 479         | 482          | rBV2     | 198            | 225           | 0.03%           | 0.004%        |
| 20        | 4.909       | 482           | 493         | 494          | rBV3     | 7094           | 13046         | 1.61%           | 0.244%        |
| 21        | 5.043       | 513           | 515         | 516          | rVV      | 519            | 264           | 0.03%           | 0.005%        |
| 22        | 5.062       | 516           | 518         | 519          | rVV2     | 294            | 193           | 0.02%           | 0.004%        |
| 23        | 5.080       | 520           | 521         | 527          | rVB      | 242            | 282           | 0.03%           | 0.005%        |
| 24        | 5.135       | 527           | 530         | 532          | rBV2     | 174            | 228           | 0.03%           | 0.004%        |
| 25        | 5.257       | 549           | 550         | 553          | rVB2     | 419            | 421           | 0.05%           | 0.008%        |
| 26        | 5.281       | 553           | 554         | 556          | rBV2     | 288            | 252           | 0.03%           | 0.005%        |
| 27        | 5.318       | 556           | 560         | 563          | rVV2     | 295            | 367           | 0.05%           | 0.007%        |
| 28        | 5.373       | 563           | 569         | 570          | rVV2     | 280            | 369           | 0.05%           | 0.007%        |
| 29        | 5.415       | 575           | 576         | 580          | rBV      | 314            | 315           | 0.04%           | 0.006%        |
| 30        | 5.446       | 580           | 581         | 583          | rVB      | 411            | 206           | 0.03%           | 0.004%        |
| 31        | 5.482       | 583           | 587         | 589          | rBV      | 286            | 341           | 0.04%           | 0.006%        |
| 32        | 5.604       | 605           | 607         | 609          | rBV      | 220            | 234           | 0.03%           | 0.004%        |
| 33        | 5.732       | 625           | 628         | 630          | rVB      | 184            | 216           | 0.03%           | 0.004%        |
| 34        | 5.781       | 633           | 636         | 641          | rBV2     | 315            | 426           | 0.05%           | 0.008%        |

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## Integration Parameters: LSCINT.P

Integrator: RTE  
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 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

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\_W\METHOD\SOM2WLM101819S.M  
 Title : VOC Analysis

|    |       |      |      |      |      |        |        |         |         |
|----|-------|------|------|------|------|--------|--------|---------|---------|
| 35 | 5.921 | 657  | 659  | 660  | rBV2 | 694    | 617    | 0.08%   | 0.012%  |
| 36 | 6.025 | 674  | 676  | 678  | rBV  | 488    | 339    | 0.04%   | 0.006%  |
| 37 | 6.049 | 678  | 680  | 681  | rVV  | 337    | 226    | 0.03%   | 0.004%  |
| 38 | 6.312 | 720  | 723  | 726  | rBV2 | 346    | 472    | 0.06%   | 0.009%  |
| 39 | 6.360 | 729  | 731  | 734  | rVB2 | 299    | 342    | 0.04%   | 0.006%  |
| 40 | 6.391 | 734  | 736  | 738  | rBV  | 400    | 346    | 0.04%   | 0.006%  |
| 41 | 6.440 | 741  | 744  | 745  | rBV2 | 232    | 231    | 0.03%   | 0.004%  |
| 42 | 6.531 | 756  | 759  | 761  | rBV2 | 356    | 345    | 0.04%   | 0.006%  |
| 43 | 6.616 | 770  | 773  | 774  | rBV  | 275    | 253    | 0.03%   | 0.005%  |
| 44 | 6.677 | 781  | 783  | 784  | rBV  | 341    | 247    | 0.03%   | 0.005%  |
| 45 | 6.714 | 788  | 789  | 792  | rBV  | 335    | 248    | 0.03%   | 0.005%  |
| 46 | 6.769 | 797  | 798  | 802  | rVB2 | 171    | 212    | 0.03%   | 0.004%  |
| 47 | 6.976 | 830  | 832  | 833  | rBV  | 277    | 234    | 0.03%   | 0.004%  |
| 48 | 7.025 | 838  | 840  | 841  | rBV  | 333    | 271    | 0.03%   | 0.005%  |
| 49 | 7.074 | 841  | 848  | 865  | rVV2 | 15876  | 52625  | 6.50%   | 0.982%  |
| 50 | 7.330 | 889  | 890  | 893  | rBV2 | 337    | 218    | 0.03%   | 0.004%  |
| 51 | 7.360 | 893  | 895  | 896  | rBV  | 511    | 302    | 0.04%   | 0.006%  |
| 52 | 7.555 | 921  | 927  | 928  | rBV2 | 386    | 505    | 0.06%   | 0.009%  |
| 53 | 7.647 | 931  | 942  | 960  | rBV  | 140565 | 335981 | 41.50%  | 6.272%  |
| 54 | 7.823 | 969  | 971  | 974  | rVB2 | 281    | 269    | 0.03%   | 0.005%  |
| 55 | 7.933 | 988  | 989  | 992  | rBV2 | 274    | 259    | 0.03%   | 0.005%  |
| 56 | 8.080 | 1011 | 1013 | 1015 | rBV  | 437    | 314    | 0.04%   | 0.006%  |
| 57 | 8.116 | 1016 | 1019 | 1021 | rVB2 | 268    | 238    | 0.03%   | 0.004%  |
| 58 | 8.171 | 1027 | 1028 | 1031 | rVB  | 434    | 256    | 0.03%   | 0.005%  |
| 59 | 8.275 | 1035 | 1045 | 1062 | rVV2 | 287014 | 809681 | 100.00% | 15.115% |
| 60 | 8.707 | 1112 | 1116 | 1117 | rBV  | 346    | 234    | 0.03%   | 0.004%  |
| 61 | 8.726 | 1117 | 1119 | 1121 | rVB2 | 312    | 251    | 0.03%   | 0.005%  |
| 62 | 8.762 | 1121 | 1125 | 1129 | rVB2 | 279    | 481    | 0.06%   | 0.009%  |
| 63 | 8.842 | 1129 | 1138 | 1149 | rBV2 | 243188 | 474596 | 58.62%  | 8.860%  |
| 64 | 8.970 | 1157 | 1159 | 1161 | rVB  | 551    | 325    | 0.04%   | 0.006%  |
| 65 | 8.994 | 1161 | 1163 | 1164 | rVB2 | 355    | 229    | 0.03%   | 0.004%  |
| 66 | 9.012 | 1164 | 1166 | 1168 | rBV  | 308    | 307    | 0.04%   | 0.006%  |
| 67 | 9.049 | 1168 | 1172 | 1173 | rBV2 | 205    | 249    | 0.03%   | 0.005%  |
| 68 | 9.061 | 1173 | 1174 | 1176 | rBV2 | 293    | 258    | 0.03%   | 0.005%  |
| 69 | 9.085 | 1176 | 1178 | 1180 | rVB2 | 754    | 615    | 0.08%   | 0.011%  |
| 70 | 9.274 | 1199 | 1209 | 1221 | rBV  | 184298 | 371719 | 45.91%  | 6.939%  |
| 71 | 9.451 | 1236 | 1238 | 1239 | rVV  | 296    | 204    | 0.03%   | 0.004%  |

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 C0AC2RE

## 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\_W\METHOD\SOM2WLM101819S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 72  | 9.482  | 1242 | 1243 | 1245 | rVV2 | 321    | 232    | 0.03%  | 0.004%  |
| 73  | 9.585  | 1257 | 1260 | 1261 | rBV  | 401    | 323    | 0.04%  | 0.006%  |
| 74  | 9.683  | 1275 | 1276 | 1279 | rVB2 | 335    | 232    | 0.03%  | 0.004%  |
| 75  | 9.963  | 1320 | 1322 | 1324 | rBV2 | 381    | 282    | 0.03%  | 0.005%  |
| 76  | 10.036 | 1324 | 1334 | 1345 | rBV  | 89833  | 169292 | 20.91% | 3.160%  |
| 77  | 10.116 | 1345 | 1347 | 1350 | rBV2 | 545    | 534    | 0.07%  | 0.010%  |
| 78  | 10.201 | 1359 | 1361 | 1363 | rBV2 | 381    | 271    | 0.03%  | 0.005%  |
| 79  | 10.238 | 1365 | 1367 | 1369 | rVB  | 424    | 232    | 0.03%  | 0.004%  |
| 80  | 10.323 | 1372 | 1381 | 1389 | rBV  | 401698 | 710210 | 87.71% | 13.258% |
| 81  | 10.488 | 1402 | 1408 | 1409 | rBV3 | 705    | 1037   | 0.13%  | 0.019%  |
| 82  | 10.579 | 1416 | 1423 | 1433 | rVB  | 55914  | 98308  | 12.14% | 1.835%  |
| 83  | 10.646 | 1433 | 1434 | 1440 | rVB3 | 768    | 753    | 0.09%  | 0.014%  |
| 84  | 10.701 | 1440 | 1443 | 1449 | rBV2 | 1280   | 2072   | 0.26%  | 0.039%  |
| 85  | 10.927 | 1473 | 1480 | 1491 | rBV  | 62932  | 115764 | 14.30% | 2.161%  |
| 86  | 11.097 | 1506 | 1508 | 1510 | rVB2 | 512    | 334    | 0.04%  | 0.006%  |
| 87  | 11.311 | 1541 | 1543 | 1544 | rBV  | 687    | 641    | 0.08%  | 0.012%  |
| 88  | 11.408 | 1553 | 1559 | 1561 | rBV4 | 1425   | 2704   | 0.33%  | 0.050%  |
| 89  | 11.628 | 1588 | 1595 | 1610 | rVB  | 320927 | 540952 | 66.81% | 10.099% |
| 90  | 12.371 | 1715 | 1717 | 1719 | rBV3 | 803    | 846    | 0.10%  | 0.016%  |
| 91  | 12.414 | 1722 | 1724 | 1726 | rBV2 | 525    | 406    | 0.05%  | 0.008%  |
| 92  | 12.469 | 1729 | 1733 | 1736 | rBV6 | 1427   | 2091   | 0.26%  | 0.039%  |
| 93  | 12.688 | 1764 | 1769 | 1785 | rVB  | 104440 | 191496 | 23.65% | 3.575%  |
| 94  | 13.469 | 1893 | 1897 | 1899 | rBV4 | 1544   | 2336   | 0.29%  | 0.044%  |
| 95  | 13.554 | 1905 | 1911 | 1919 | rBV  | 288011 | 475972 | 58.79% | 8.885%  |
| 96  | 13.853 | 1953 | 1960 | 1968 | rBV  | 242050 | 403586 | 49.85% | 7.534%  |
| 97  | 14.011 | 1984 | 1986 | 1988 | rBV3 | 1501   | 1452   | 0.18%  | 0.027%  |
| 98  | 14.066 | 1993 | 1995 | 2001 | rVB2 | 6672   | 9548   | 1.18%  | 0.178%  |
| 99  | 14.962 | 2141 | 2142 | 2145 | rBV3 | 1449   | 1519   | 0.19%  | 0.028%  |
| 100 | 16.499 | 2393 | 2394 | 2396 | rBV2 | 1087   | 696    | 0.09%  | 0.013%  |

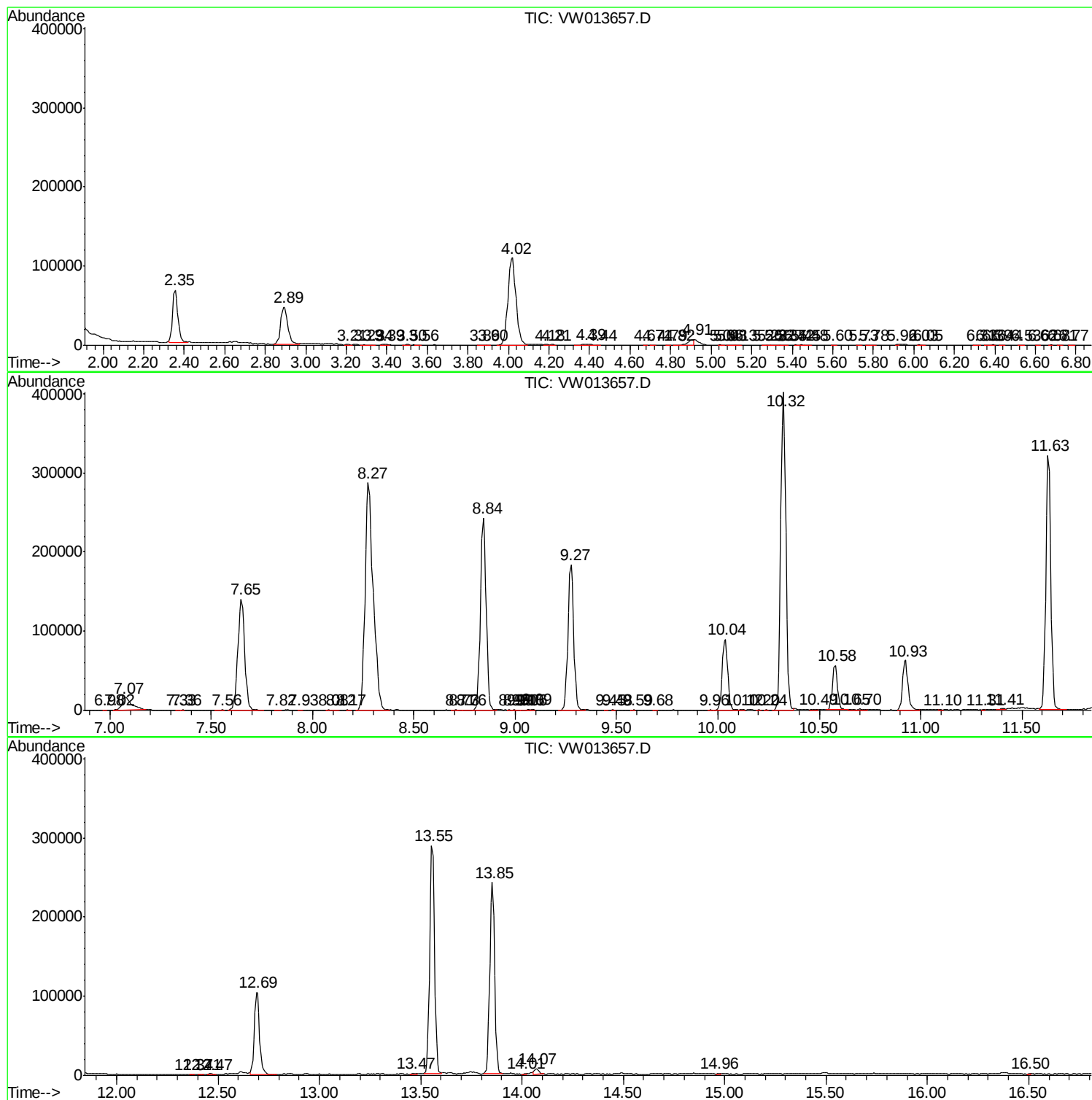
Sum of corrected areas: 5356747

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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW102219\  
Data File : VW013657.D  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\SOM2WLM101819S.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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Quant Title : VOC Analysis

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

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