

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV041219\  
 Data File : VV010289.D  
 Acq On : 12 Apr 2019 15:57  
 Operator : SY/MD  
 Sample : K2304-05RE  
 Misc : 4.85G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF890RE

## 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\SOM2VLM041019S.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      | 1.319    | 66         | 71       | 83        | rVB   | 86210       | 84644      | 12.17%       | 1.872%     |
| 2      | 1.576    | 144        | 151      | 165       | rVB   | 81877       | 100706     | 14.48%       | 2.227%     |
| 3      | 2.129    | 313        | 323      | 334       | rBV   | 189903      | 273320     | 39.30%       | 6.044%     |
| 4      | 2.389    | 402        | 404      | 406       | rBV   | 468         | 240        | 0.03%        | 0.005%     |
| 5      | 2.537    | 440        | 450      | 464       | rBV2  | 63107       | 104943     | 15.09%       | 2.321%     |
| 6      | 2.698    | 498        | 500      | 504       | rVB   | 510         | 286        | 0.04%        | 0.006%     |
| 7      | 2.740    | 509        | 513      | 515       | rBV   | 331         | 274        | 0.04%        | 0.006%     |
| 8      | 2.772    | 521        | 523      | 527       | rVB2  | 429         | 277        | 0.04%        | 0.006%     |
| 9      | 2.840    | 540        | 544      | 545       | rBV   | 361         | 229        | 0.03%        | 0.005%     |
| 10     | 2.910    | 563        | 566      | 569       | rBV2  | 557         | 403        | 0.06%        | 0.009%     |
| 11     | 2.987    | 587        | 590      | 593       | rBV3  | 588         | 364        | 0.05%        | 0.008%     |
| 12     | 3.074    | 607        | 617      | 630       | rBV3  | 8400        | 17411      | 2.50%        | 0.385%     |
| 13     | 3.190    | 651        | 653      | 658       | rVB2  | 605         | 384        | 0.06%        | 0.008%     |
| 14     | 3.341    | 697        | 700      | 702       | rBV   | 396         | 229        | 0.03%        | 0.005%     |
| 15     | 3.373    | 707        | 710      | 714       | rVB   | 522         | 326        | 0.05%        | 0.007%     |
| 16     | 3.627    | 785        | 789      | 791       | rBV   | 440         | 262        | 0.04%        | 0.006%     |
| 17     | 3.801    | 838        | 843      | 844       | rVV   | 380         | 262        | 0.04%        | 0.006%     |
| 18     | 3.807    | 844        | 845      | 851       | rVB2  | 830         | 509        | 0.07%        | 0.011%     |
| 19     | 3.930    | 873        | 883      | 915       | rVV2  | 29836       | 80074      | 11.51%       | 1.771%     |
| 20     | 4.180    | 958        | 961      | 964       | rBV2  | 557         | 298        | 0.04%        | 0.007%     |
| 21     | 4.338    | 1007       | 1010     | 1012      | rBV3  | 387         | 231        | 0.03%        | 0.005%     |
| 22     | 4.402    | 1012       | 1030     | 1052      | rBV   | 128279      | 314153     | 45.17%       | 6.947%     |
| 23     | 4.582    | 1082       | 1086     | 1089      | rBV3  | 658         | 477        | 0.07%        | 0.011%     |
| 24     | 4.682    | 1113       | 1117     | 1118      | rBV   | 426         | 270        | 0.04%        | 0.006%     |
| 25     | 4.695    | 1118       | 1121     | 1122      | rVV2  | 584         | 326        | 0.05%        | 0.007%     |
| 26     | 4.721    | 1126       | 1129     | 1131      | rBV2  | 586         | 380        | 0.05%        | 0.008%     |
| 27     | 4.766    | 1140       | 1143     | 1145      | rBV2  | 466         | 248        | 0.04%        | 0.005%     |
| 28     | 4.839    | 1163       | 1166     | 1170      | rVB3  | 749         | 516        | 0.07%        | 0.011%     |
| 29     | 4.897    | 1182       | 1184     | 1189      | rBV2  | 479         | 280        | 0.04%        | 0.006%     |
| 30     | 5.097    | 1228       | 1246     | 1265      | rBV3  | 277580      | 695419     | 100.00%      | 15.379%    |
| 31     | 5.389    | 1333       | 1337     | 1340      | rBV4  | 793         | 724        | 0.10%        | 0.016%     |
| 32     | 5.540    | 1381       | 1384     | 1386      | rBV   | 644         | 424        | 0.06%        | 0.009%     |
| 33     | 5.663    | 1407       | 1422     | 1442      | rBV   | 269583      | 536075     | 77.09%       | 11.855%    |
| 34     | 5.901    | 1493       | 1496     | 1497      | rBV2  | 450         | 275        | 0.04%        | 0.006%     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV041219\  
 Data File : VV010289.D  
 Acq On : 12 Apr 2019 15:57  
 Operator : SY/MD  
 Sample : K2304-05RE  
 Misc : 4.85G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF890RE

## 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\SOM2VLM041019S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |         |
|----|--------|------|------|------|------|--------|--------|--------|---------|
| 35 | 5.946  | 1504 | 1510 | 1511 | rBV4 | 1773   | 1726   | 0.25%  | 0.038%  |
| 36 | 6.016  | 1530 | 1532 | 1538 | rBV2 | 434    | 387    | 0.06%  | 0.009%  |
| 37 | 6.119  | 1550 | 1564 | 1579 | rBV  | 161658 | 328607 | 47.25% | 7.267%  |
| 38 | 6.325  | 1624 | 1628 | 1630 | rBV  | 343    | 283    | 0.04%  | 0.006%  |
| 39 | 6.659  | 1730 | 1732 | 1734 | rVB2 | 598    | 236    | 0.03%  | 0.005%  |
| 40 | 6.685  | 1737 | 1740 | 1743 | rBV2 | 836    | 593    | 0.09%  | 0.013%  |
| 41 | 6.740  | 1755 | 1757 | 1765 | rBV3 | 470    | 356    | 0.05%  | 0.008%  |
| 42 | 6.798  | 1773 | 1775 | 1776 | rBV  | 461    | 222    | 0.03%  | 0.005%  |
| 43 | 6.913  | 1808 | 1811 | 1814 | rBB2 | 438    | 257    | 0.04%  | 0.006%  |
| 44 | 7.029  | 1836 | 1847 | 1861 | rBV2 | 79332  | 138811 | 19.96% | 3.070%  |
| 45 | 7.171  | 1888 | 1891 | 1893 | rBV3 | 955    | 609    | 0.09%  | 0.013%  |
| 46 | 7.360  | 1938 | 1950 | 1967 | rBV  | 274240 | 479077 | 68.89% | 10.594% |
| 47 | 7.569  | 2013 | 2015 | 2019 | rBV2 | 617    | 256    | 0.04%  | 0.006%  |
| 48 | 7.662  | 2032 | 2044 | 2061 | rBV  | 48134  | 83961  | 12.07% | 1.857%  |
| 49 | 7.759  | 2069 | 2074 | 2080 | rVB3 | 1050   | 1097   | 0.16%  | 0.024%  |
| 50 | 7.788  | 2080 | 2083 | 2086 | rBV2 | 520    | 407    | 0.06%  | 0.009%  |
| 51 | 7.881  | 2109 | 2112 | 2115 | rBV  | 453    | 390    | 0.06%  | 0.009%  |
| 52 | 7.894  | 2115 | 2116 | 2121 | rVV3 | 793    | 476    | 0.07%  | 0.011%  |
| 53 | 7.929  | 2125 | 2127 | 2130 | rVB  | 531    | 306    | 0.04%  | 0.007%  |
| 54 | 8.090  | 2174 | 2177 | 2180 | rBV  | 432    | 302    | 0.04%  | 0.007%  |
| 55 | 8.132  | 2180 | 2190 | 2214 | rBV  | 92403  | 171082 | 24.60% | 3.783%  |
| 56 | 8.495  | 2302 | 2303 | 2307 | rVB2 | 701    | 380    | 0.05%  | 0.008%  |
| 57 | 8.518  | 2307 | 2310 | 2311 | rBV  | 449    | 246    | 0.04%  | 0.005%  |
| 58 | 8.560  | 2321 | 2323 | 2326 | rVB2 | 768    | 384    | 0.06%  | 0.008%  |
| 59 | 8.588  | 2327 | 2332 | 2337 | rBV2 | 842    | 803    | 0.12%  | 0.018%  |
| 60 | 8.778  | 2387 | 2391 | 2394 | rBV2 | 354    | 259    | 0.04%  | 0.006%  |
| 61 | 8.820  | 2401 | 2404 | 2408 | rBV  | 659    | 439    | 0.06%  | 0.010%  |
| 62 | 8.897  | 2415 | 2428 | 2452 | rBV  | 288616 | 502279 | 72.23% | 11.108% |
| 63 | 9.090  | 2485 | 2488 | 2491 | rBV3 | 545    | 395    | 0.06%  | 0.009%  |
| 64 | 9.180  | 2508 | 2516 | 2520 | rBV6 | 1493   | 1909   | 0.27%  | 0.042%  |
| 65 | 9.251  | 2535 | 2538 | 2542 | rBV2 | 674    | 482    | 0.07%  | 0.011%  |
| 66 | 9.306  | 2550 | 2555 | 2562 | rBV3 | 505    | 674    | 0.10%  | 0.015%  |
| 67 | 9.376  | 2575 | 2577 | 2581 | rVB2 | 474    | 264    | 0.04%  | 0.006%  |
| 68 | 9.402  | 2581 | 2585 | 2588 | rBV2 | 343    | 295    | 0.04%  | 0.007%  |
| 69 | 9.527  | 2618 | 2624 | 2627 | rBV3 | 868    | 807    | 0.12%  | 0.018%  |
| 70 | 9.839  | 2717 | 2721 | 2723 | rBV2 | 339    | 279    | 0.04%  | 0.006%  |
| 71 | 10.135 | 2810 | 2813 | 2816 | rVB2 | 609    | 314    | 0.05%  | 0.007%  |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_V\DATA\VV041219\  
 Data File : VV010289.D  
 Acq On : 12 Apr 2019 15:57  
 Operator : SY/MD  
 Sample : K2304-05RE  
 Misc : 4.85G/10mL/MSVOA\_V/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BF890RE

## 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\SOM2VLM041019S.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 72  | 10.260 | 2839 | 2852 | 2865 | rBV2 | 121945 | 196651 | 28.28% | 4.349% |
| 73  | 10.424 | 2894 | 2903 | 2914 | rVB4 | 5052   | 8849   | 1.27%  | 0.196% |
| 74  | 10.476 | 2916 | 2919 | 2921 | rBV  | 455    | 222    | 0.03%  | 0.005% |
| 75  | 10.666 | 2976 | 2978 | 2982 | rBV3 | 706    | 479    | 0.07%  | 0.011% |
| 76  | 10.804 | 3019 | 3021 | 3024 | rBV  | 413    | 233    | 0.03%  | 0.005% |
| 77  | 10.955 | 3064 | 3068 | 3069 | rBV4 | 1082   | 649    | 0.09%  | 0.014% |
| 78  | 11.177 | 3135 | 3137 | 3139 | rBV  | 545    | 301    | 0.04%  | 0.007% |
| 79  | 11.299 | 3162 | 3175 | 3191 | rBV2 | 106218 | 200554 | 28.84% | 4.435% |
| 80  | 11.614 | 3270 | 3273 | 3275 | rBV2 | 619    | 333    | 0.05%  | 0.007% |
| 81  | 11.675 | 3281 | 3292 | 3307 | rBV  | 93356  | 164548 | 23.66% | 3.639% |
| 82  | 11.778 | 3321 | 3324 | 3326 | rBV3 | 512    | 365    | 0.05%  | 0.008% |
| 83  | 11.881 | 3352 | 3356 | 3361 | rBV5 | 886    | 910    | 0.13%  | 0.020% |
| 84  | 11.942 | 3369 | 3375 | 3379 | rVB2 | 767    | 624    | 0.09%  | 0.014% |
| 85  | 11.968 | 3380 | 3383 | 3386 | rVB  | 781    | 374    | 0.05%  | 0.008% |
| 86  | 12.112 | 3424 | 3428 | 3430 | rBV2 | 512    | 383    | 0.06%  | 0.008% |
| 87  | 12.502 | 3544 | 3549 | 3551 | rBV  | 428    | 359    | 0.05%  | 0.008% |
| 88  | 12.595 | 3574 | 3578 | 3581 | rBV2 | 702    | 526    | 0.08%  | 0.012% |
| 89  | 12.633 | 3586 | 3590 | 3592 | rVV2 | 766    | 552    | 0.08%  | 0.012% |
| 90  | 12.945 | 3684 | 3687 | 3690 | rBV2 | 881    | 512    | 0.07%  | 0.011% |
| 91  | 13.093 | 3730 | 3733 | 3735 | rBV2 | 426    | 275    | 0.04%  | 0.006% |
| 92  | 13.129 | 3742 | 3744 | 3746 | rBV  | 510    | 277    | 0.04%  | 0.006% |
| 93  | 13.177 | 3756 | 3759 | 3762 | rBV2 | 369    | 262    | 0.04%  | 0.006% |
| 94  | 13.466 | 3845 | 3849 | 3850 | rBV2 | 621    | 451    | 0.06%  | 0.010% |
| 95  | 13.649 | 3902 | 3906 | 3913 | rBV3 | 679    | 688    | 0.10%  | 0.015% |
| 96  | 13.797 | 3942 | 3952 | 3958 | rVV8 | 3373   | 5424   | 0.78%  | 0.120% |
| 97  | 14.119 | 4050 | 4052 | 4056 | rBV  | 563    | 409    | 0.06%  | 0.009% |
| 98  | 14.331 | 4113 | 4118 | 4125 | rBV2 | 765    | 1004   | 0.14%  | 0.022% |
| 99  | 14.736 | 4241 | 4244 | 4247 | rBV2 | 724    | 505    | 0.07%  | 0.011% |
| 100 | 14.804 | 4264 | 4265 | 4268 | rVB2 | 849    | 363    | 0.05%  | 0.008% |

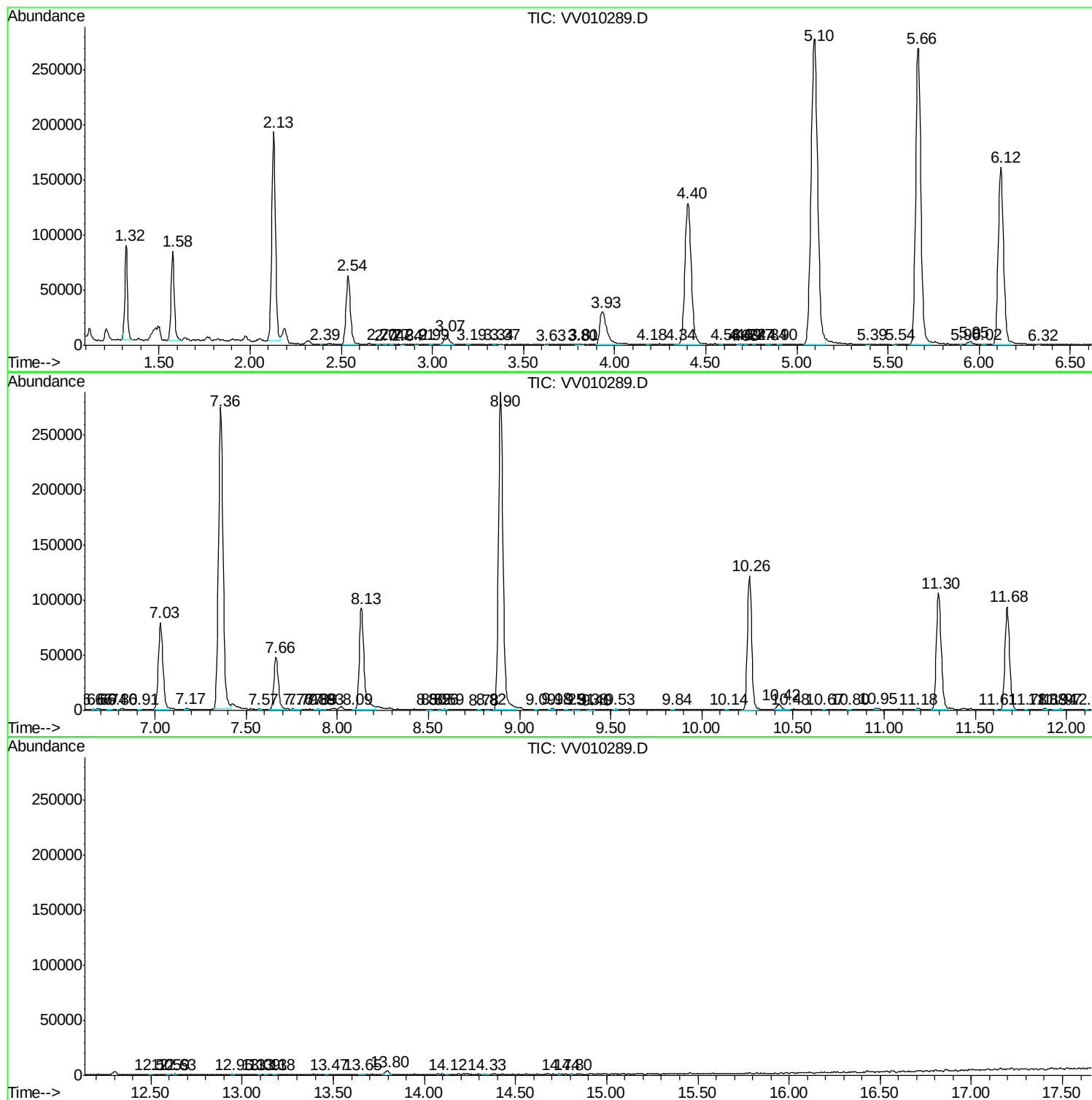
Sum of corrected areas: 4521971

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_V\DATA\VV041219\  
Data File : VV010289.D  
Acq On : 12 Apr 2019 15:57  
Operator : SY/MD  
Sample : K2304-05RE  
Misc : 4.85G/10mL/MSVOA\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BF890RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_V\METHOD\SOM2VLM041019S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV041219\  
Data File : VV010289.D  
Acq On : 12 Apr 2019 15:57  
Operator : SY/MD  
Sample : K2304-05RE  
Misc : 4.85G/10mL/MSV0A\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSV0A\_V  
ClientSampleId :  
BF890RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM041019S.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A\_V\DATA\VV041219\  
Data File : VV010289.D  
Acq On : 12 Apr 2019 15:57  
Operator : SY/MD  
Sample : K2304-05RE  
Misc : 4.85G/10mL/MSV0A\_V/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSV0A\_V  
ClientSampleId :  
BF890RE

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_V\METHOD\SOM2VLM041019S.M  
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        |