

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040621\  
 Data File : VW018559.D  
 Acq On : 06 Apr 2021 10:47  
 Operator : SY/VA  
 Sample : VW0406SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK20

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M

Title : VOC Analysis

Signal : TIC: VW018559.D\data.ms

| 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          | 87           | rVB      | 133726         | 267053        | 14.93%          | 2.029%        |
| 2         | 2.891       | 156           | 162         | 174          | rVB      | 94378          | 229750        | 12.85%          | 1.745%        |
| 3         | 4.019       | 335           | 347         | 364          | rBV2     | 167437         | 537815        | 30.08%          | 4.086%        |
| 4         | 4.245       | 382           | 384         | 388          | rVB3     | 534            | 585           | 0.03%           | 0.004%        |
| 5         | 4.385       | 400           | 407         | 418          | rBV4     | 5017           | 16293         | 0.91%           | 0.124%        |
| 6         | 4.513       | 426           | 428         | 431          | rVB3     | 457            | 473           | 0.03%           | 0.004%        |
| 7         | 4.672       | 451           | 454         | 456          | rBV3     | 581            | 773           | 0.04%           | 0.006%        |
| 8         | 4.928       | 484           | 496         | 512          | rVB5     | 13483          | 56738         | 3.17%           | 0.431%        |
| 9         | 5.086       | 519           | 522         | 523          | rBV2     | 502            | 596           | 0.03%           | 0.005%        |
| 10        | 5.214       | 542           | 543         | 546          | rBV2     | 703            | 609           | 0.03%           | 0.005%        |
| 11        | 5.342       | 563           | 564         | 568          | rVB      | 475            | 400           | 0.02%           | 0.003%        |
| 12        | 5.385       | 568           | 571         | 574          | rBV2     | 885            | 1148          | 0.06%           | 0.009%        |
| 13        | 5.415       | 574           | 576         | 577          | rVV2     | 622            | 457           | 0.03%           | 0.003%        |
| 14        | 5.428       | 577           | 578         | 580          | rVV      | 963            | 806           | 0.05%           | 0.006%        |
| 15        | 5.549       | 596           | 598         | 601          | rVB2     | 737            | 617           | 0.03%           | 0.005%        |
| 16        | 5.586       | 601           | 604         | 608          | rBV3     | 368            | 608           | 0.03%           | 0.005%        |
| 17        | 5.677       | 616           | 619         | 620          | rVV      | 495            | 382           | 0.02%           | 0.003%        |
| 18        | 5.751       | 624           | 631         | 642          | rVB4     | 3754           | 10705         | 0.60%           | 0.081%        |
| 19        | 5.940       | 652           | 662         | 673          | rVB3     | 8190           | 23587         | 1.32%           | 0.179%        |
| 20        | 6.062       | 679           | 682         | 683          | rBV2     | 599            | 595           | 0.03%           | 0.005%        |
| 21        | 6.305       | 720           | 722         | 725          | rVB2     | 480            | 428           | 0.02%           | 0.003%        |
| 22        | 6.446       | 742           | 745         | 746          | rBV2     | 326            | 453           | 0.03%           | 0.003%        |
| 23        | 6.568       | 764           | 765         | 771          | rVB2     | 479            | 422           | 0.02%           | 0.003%        |
| 24        | 6.677       | 781           | 783         | 788          | rVB2     | 551            | 755           | 0.04%           | 0.006%        |
| 25        | 6.763       | 794           | 797         | 801          | rVB3     | 474            | 677           | 0.04%           | 0.005%        |
| 26        | 6.836       | 807           | 809         | 812          | rBV      | 506            | 529           | 0.03%           | 0.004%        |
| 27        | 6.885       | 812           | 817         | 818          | rBV2     | 488            | 427           | 0.02%           | 0.003%        |
| 28        | 6.927       | 818           | 824         | 827          | rBV3     | 838            | 1588          | 0.09%           | 0.012%        |
| 29        | 7.074       | 840           | 848         | 854          | rBV      | 47168          | 130189        | 7.28%           | 0.989%        |
| 30        | 7.482       | 912           | 915         | 916          | rBV2     | 442            | 448           | 0.03%           | 0.003%        |
| 31        | 7.525       | 921           | 922         | 924          | rBV2     | 510            | 387           | 0.02%           | 0.003%        |
| 32        | 7.647       | 932           | 942         | 956          | rVB      | 293008         | 702828        | 39.30%          | 5.339%        |
| 33        | 7.762       | 959           | 961         | 962          | rBV      | 826            | 412           | 0.02%           | 0.003%        |
| 34        | 7.951       | 986           | 992         | 995          | rBV4     | 2014           | 3532          | 0.20%           | 0.027%        |
| 35        | 8.061       | 1007          | 1010        | 1014         | rBV5     | 724            | 1324          | 0.07%           | 0.010%        |
| 36        | 8.147       | 1021          | 1024        | 1026         | rBV2     | 485            | 577           | 0.03%           | 0.004%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040621\  
 Data File : VW018559.D  
 Acq On : 06 Apr 2021 10:47  
 Operator : SY/VA  
 Sample : VW0406SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK20

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 8.171  | 1026 | 1028 | 1031 | rVB3 | 499    | 500     | 0.03%   | 0.004%  |
| 38 | 8.275  | 1031 | 1045 | 1062 | rBV2 | 567722 | 1788244 | 100.00% | 13.585% |
| 39 | 8.451  | 1073 | 1074 | 1078 | rVB2 | 547    | 498     | 0.03%   | 0.004%  |
| 40 | 8.573  | 1093 | 1094 | 1097 | rBV3 | 456    | 460     | 0.03%   | 0.003%  |
| 41 | 8.628  | 1098 | 1103 | 1108 | rVB5 | 804    | 1396    | 0.08%   | 0.011%  |
| 42 | 8.671  | 1108 | 1110 | 1112 | rBV2 | 953    | 818     | 0.05%   | 0.006%  |
| 43 | 8.842  | 1128 | 1138 | 1150 | rBV  | 596296 | 1162973 | 65.03%  | 8.835%  |
| 44 | 9.085  | 1172 | 1178 | 1184 | rVB7 | 1799   | 3726    | 0.21%   | 0.028%  |
| 45 | 9.134  | 1184 | 1186 | 1189 | rBV3 | 559    | 573     | 0.03%   | 0.004%  |
| 46 | 9.274  | 1200 | 1209 | 1219 | rBV  | 373906 | 753675  | 42.15%  | 5.726%  |
| 47 | 9.506  | 1244 | 1247 | 1249 | rBV2 | 645    | 735     | 0.04%   | 0.006%  |
| 48 | 9.640  | 1267 | 1269 | 1270 | rBV2 | 487    | 476     | 0.03%   | 0.004%  |
| 49 | 9.817  | 1295 | 1298 | 1301 | rBV3 | 462    | 573     | 0.03%   | 0.004%  |
| 50 | 9.872  | 1304 | 1307 | 1309 | rVV2 | 535    | 642     | 0.04%   | 0.005%  |
| 51 | 9.890  | 1309 | 1310 | 1314 | rVB3 | 743    | 737     | 0.04%   | 0.006%  |
| 52 | 10.036 | 1321 | 1334 | 1346 | rBV  | 214038 | 393163  | 21.99%  | 2.987%  |
| 53 | 10.183 | 1356 | 1358 | 1359 | rBV  | 625    | 441     | 0.02%   | 0.003%  |
| 54 | 10.207 | 1359 | 1362 | 1366 | rBV4 | 2970   | 4547    | 0.25%   | 0.035%  |
| 55 | 10.323 | 1373 | 1381 | 1388 | rBV  | 809310 | 1423972 | 79.63%  | 10.818% |
| 56 | 10.384 | 1388 | 1391 | 1398 | rVB2 | 13530  | 23239   | 1.30%   | 0.177%  |
| 57 | 10.500 | 1408 | 1410 | 1414 | rVB2 | 834    | 737     | 0.04%   | 0.006%  |
| 58 | 10.579 | 1415 | 1423 | 1431 | rBV  | 136461 | 235329  | 13.16%  | 1.788%  |
| 59 | 10.707 | 1436 | 1444 | 1450 | rVB  | 52139  | 96843   | 5.42%   | 0.736%  |
| 60 | 10.841 | 1460 | 1466 | 1473 | rBV6 | 4161   | 9101    | 0.51%   | 0.069%  |
| 61 | 10.927 | 1473 | 1480 | 1497 | rBV  | 180340 | 316484  | 17.70%  | 2.404%  |
| 62 | 11.067 | 1497 | 1503 | 1510 | rVB4 | 6655   | 11799   | 0.66%   | 0.090%  |
| 63 | 11.176 | 1516 | 1521 | 1527 | rVB4 | 6037   | 10122   | 0.57%   | 0.077%  |
| 64 | 11.237 | 1527 | 1531 | 1536 | rBV4 | 607    | 1083    | 0.06%   | 0.008%  |
| 65 | 11.347 | 1547 | 1549 | 1552 | rVB2 | 1144   | 937     | 0.05%   | 0.007%  |
| 66 | 11.439 | 1552 | 1564 | 1574 | rBV  | 49784  | 88554   | 4.95%   | 0.673%  |
| 67 | 11.579 | 1585 | 1587 | 1588 | rBV  | 528    | 427     | 0.02%   | 0.003%  |
| 68 | 11.628 | 1588 | 1595 | 1608 | rVV  | 817457 | 1409426 | 78.82%  | 10.707% |
| 69 | 11.731 | 1608 | 1612 | 1619 | rVB5 | 2630   | 4745    | 0.27%   | 0.036%  |
| 70 | 11.835 | 1624 | 1629 | 1635 | rBV6 | 2960   | 6766    | 0.38%   | 0.051%  |
| 71 | 12.176 | 1677 | 1685 | 1692 | rBV9 | 3046   | 7470    | 0.42%   | 0.057%  |
| 72 | 12.298 | 1703 | 1705 | 1707 | rBV3 | 564    | 515     | 0.03%   | 0.004%  |
| 73 | 12.384 | 1715 | 1719 | 1720 | rBV2 | 458    | 533     | 0.03%   | 0.004%  |
| 74 | 12.469 | 1728 | 1733 | 1737 | rBV5 | 3741   | 6009    | 0.34%   | 0.046%  |
| 75 | 12.603 | 1745 | 1755 | 1762 | rBV  | 106390 | 184781  | 10.33%  | 1.404%  |
| 76 | 12.688 | 1762 | 1769 | 1777 | rBV  | 312519 | 522128  | 29.20%  | 3.967%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040621\  
 Data File : VW018559.D  
 Acq On : 06 Apr 2021 10:47  
 Operator : SY/VA  
 Sample : VW0406SBL01  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VBLK20

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M

Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 12.823 | 1790 | 1791 | 1793 | rVB2 | 676    | 437     | 0.02%  | 0.003%  |
| 78  | 12.859 | 1793 | 1797 | 1799 | rBV3 | 949    | 1181    | 0.07%  | 0.009%  |
| 79  | 12.932 | 1805 | 1809 | 1811 | rBV4 | 4672   | 7369    | 0.41%  | 0.056%  |
| 80  | 13.079 | 1829 | 1833 | 1839 | rBV6 | 1161   | 3002    | 0.17%  | 0.023%  |
| 81  | 13.194 | 1847 | 1852 | 1857 | rVB2 | 8182   | 12326   | 0.69%  | 0.094%  |
| 82  | 13.249 | 1859 | 1861 | 1864 | rVV3 | 4050   | 5020    | 0.28%  | 0.038%  |
| 83  | 13.292 | 1865 | 1868 | 1874 | rVB3 | 6902   | 11481   | 0.64%  | 0.087%  |
| 84  | 13.408 | 1879 | 1887 | 1891 | rBV4 | 7688   | 14454   | 0.81%  | 0.110%  |
| 85  | 13.554 | 1905 | 1911 | 1918 | rBV  | 857661 | 1382004 | 77.28% | 10.499% |
| 86  | 13.755 | 1941 | 1944 | 1949 | rBV4 | 5312   | 9320    | 0.52%  | 0.071%  |
| 87  | 13.853 | 1953 | 1960 | 1971 | rBV  | 723756 | 1183898 | 66.20% | 8.994%  |
| 88  | 14.066 | 1990 | 1995 | 2001 | rBV  | 21615  | 32771   | 1.83%  | 0.249%  |
| 89  | 14.219 | 2018 | 2020 | 2023 | rBV3 | 633    | 723     | 0.04%  | 0.005%  |
| 90  | 14.627 | 2083 | 2087 | 2093 | rVB3 | 3043   | 4296    | 0.24%  | 0.033%  |
| 91  | 14.871 | 2126 | 2127 | 2131 | rBV  | 728    | 820     | 0.05%  | 0.006%  |
| 92  | 15.029 | 2149 | 2153 | 2154 | rBV4 | 1242   | 1226    | 0.07%  | 0.009%  |
| 93  | 15.121 | 2166 | 2168 | 2174 | rVB4 | 2251   | 3729    | 0.21%  | 0.028%  |
| 94  | 15.365 | 2203 | 2208 | 2212 | rBV3 | 2606   | 4508    | 0.25%  | 0.034%  |
| 95  | 15.487 | 2224 | 2228 | 2233 | rVB  | 3583   | 5371    | 0.30%  | 0.041%  |
| 96  | 15.542 | 2233 | 2237 | 2242 | rVB7 | 2844   | 4978    | 0.28%  | 0.038%  |
| 97  | 15.676 | 2257 | 2259 | 2260 | rBV2 | 947    | 802     | 0.04%  | 0.006%  |
| 98  | 15.767 | 2269 | 2274 | 2275 | rBV5 | 1202   | 1853    | 0.10%  | 0.014%  |
| 99  | 15.877 | 2290 | 2292 | 2295 | rVB3 | 978    | 737     | 0.04%  | 0.006%  |
| 100 | 15.932 | 2299 | 2301 | 2302 | rBV  | 776    | 538     | 0.03%  | 0.004%  |

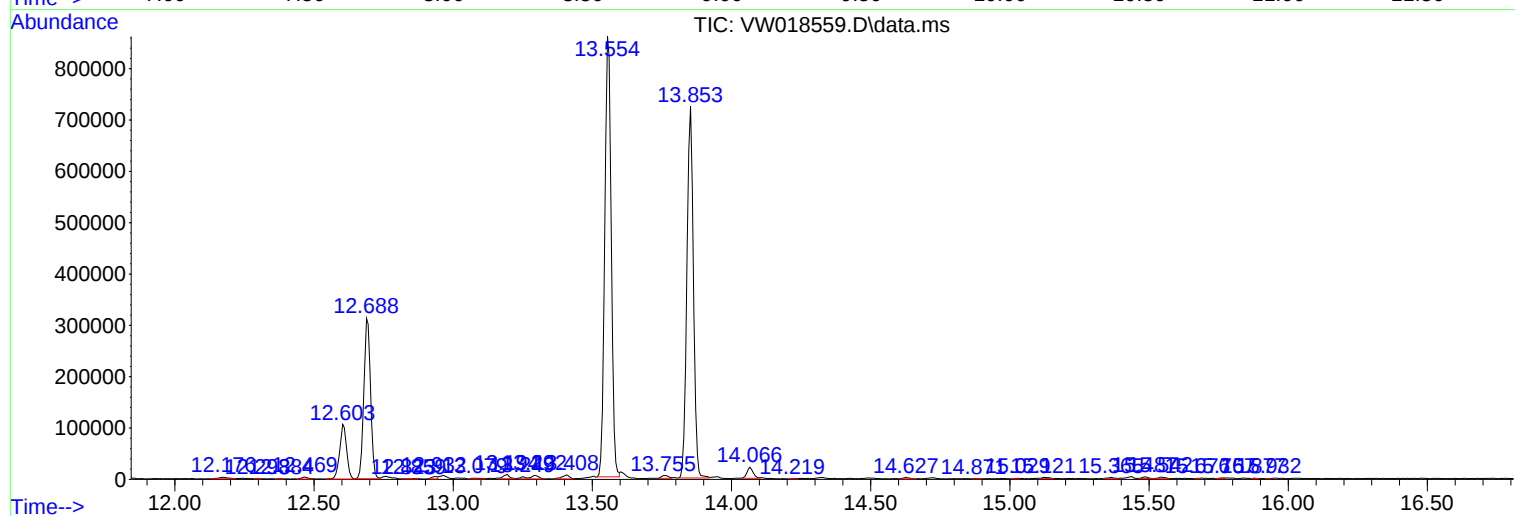
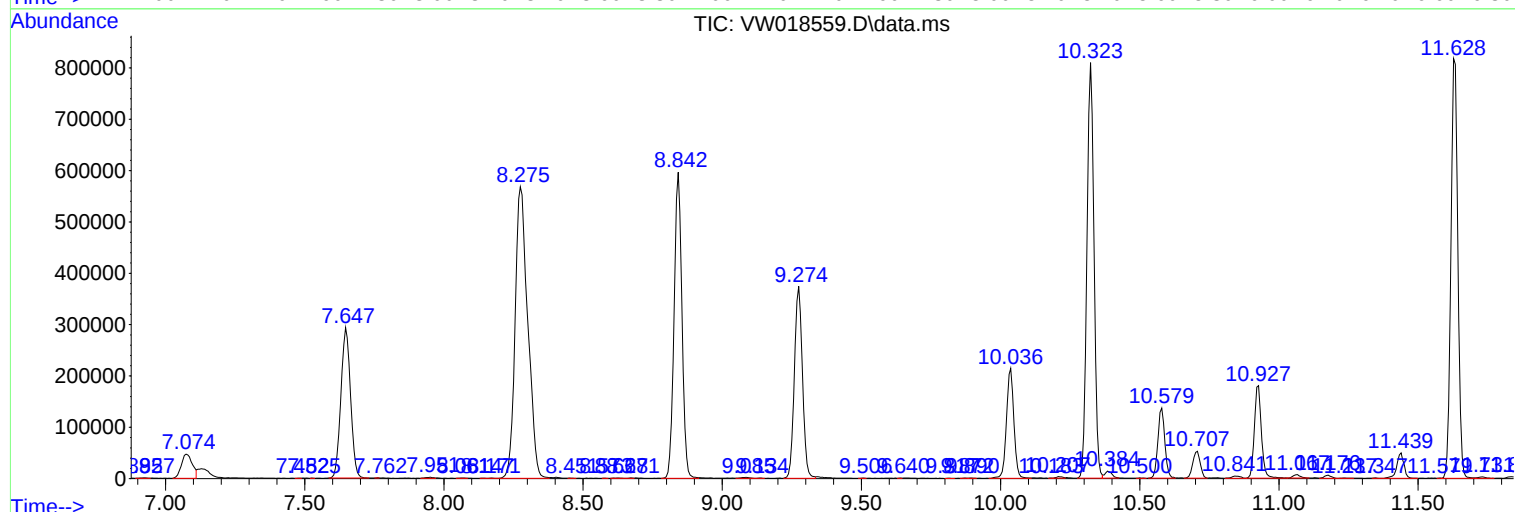
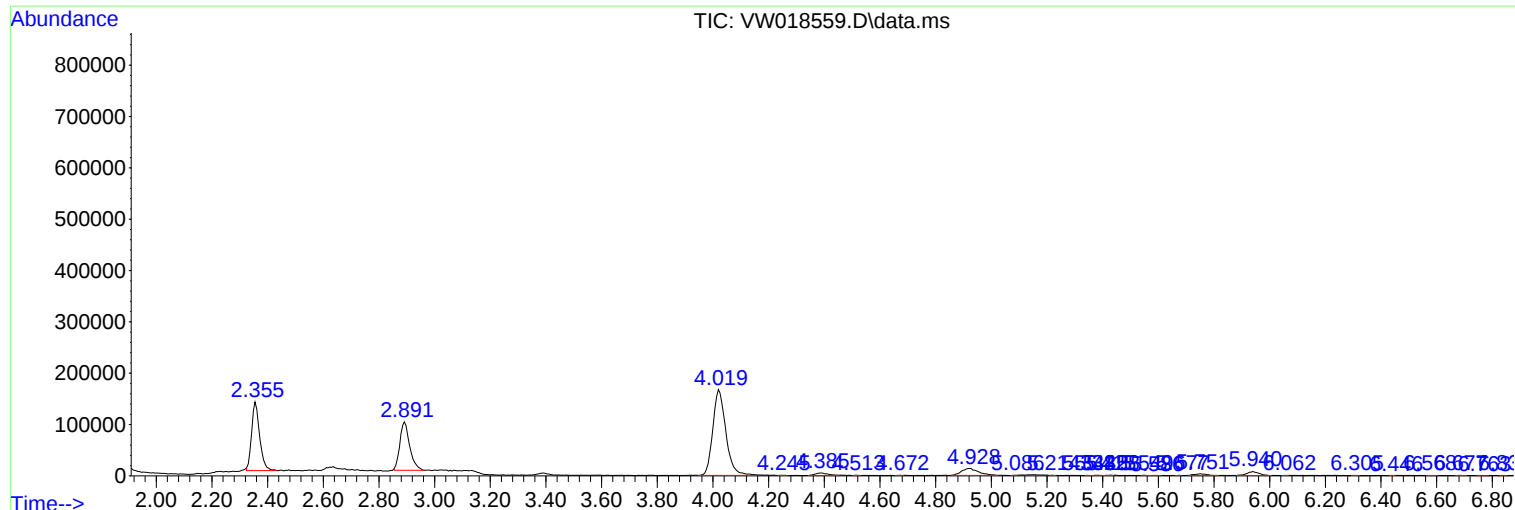
Sum of corrected areas: 13162987

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040621\  
Data File : VW018559.D  
Acq On : 06 Apr 2021 10:47  
Operator : SY/VA  
Sample : VW0406SBL01  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK20

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040621\  
Data File : VW018559.D  
Acq On : 06 Apr 2021 10:47  
Operator : SY/VA  
Sample : VW0406SBL01  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK20

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040621\  
Data File : VW018559.D  
Acq On : 06 Apr 2021 10:47  
Operator : SY/VA  
Sample : VW0406SBL01  
Misc : 5.00G/10ML/MSVOA\_W/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VBLK20

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.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 |

-----