

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040122\  
 Data File : VW022373.D  
 Acq On : 01 Apr 2022 17:55  
 Operator : SY/VA  
 Sample : N2225-06  
 Misc : 7.48g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGQD5

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\SFAMWLM040122SMA.M  
 Title : SFAM01.0

Signal : TIC: VW022373.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          | 82           | rVB      | 144160         | 223818        | 17.41%          | 2.287%        |
| 2         | 3.379       | 239           | 242         | 243          | rBV3     | 1547           | 1357          | 0.11%           | 0.014%        |
| 3         | 3.916       | 327           | 330         | 332          | rBV4     | 1450           | 1376          | 0.11%           | 0.014%        |
| 4         | 4.019       | 335           | 347         | 360          | rBV3     | 127047         | 410999        | 31.96%          | 4.199%        |
| 5         | 4.568       | 434           | 437         | 438          | rVB3     | 1271           | 1165          | 0.09%           | 0.012%        |
| 6         | 4.598       | 438           | 442         | 443          | rBV2     | 1153           | 1231          | 0.10%           | 0.013%        |
| 7         | 4.611       | 443           | 444         | 446          | rVB2     | 1619           | 879           | 0.07%           | 0.009%        |
| 8         | 4.714       | 459           | 461         | 462          | rBV2     | 1563           | 849           | 0.07%           | 0.009%        |
| 9         | 4.867       | 484           | 486         | 487          | rBV2     | 1276           | 835           | 0.06%           | 0.009%        |
| 10        | 4.915       | 488           | 494         | 495          | rBV5     | 6282           | 10378         | 0.81%           | 0.106%        |
| 11        | 5.117       | 526           | 527         | 530          | rBV3     | 1502           | 1703          | 0.13%           | 0.017%        |
| 12        | 5.208       | 537           | 542         | 543          | rBV5     | 1083           | 1320          | 0.10%           | 0.013%        |
| 13        | 5.287       | 553           | 555         | 558          | rBV4     | 877            | 1067          | 0.08%           | 0.011%        |
| 14        | 5.354       | 563           | 566         | 569          | rVB5     | 1254           | 1303          | 0.10%           | 0.013%        |
| 15        | 5.421       | 575           | 577         | 578          | rBV2     | 1001           | 701           | 0.05%           | 0.007%        |
| 16        | 5.531       | 592           | 595         | 596          | rVB3     | 1193           | 1073          | 0.08%           | 0.011%        |
| 17        | 5.598       | 604           | 606         | 608          | rBV2     | 1761           | 1546          | 0.12%           | 0.016%        |
| 18        | 5.738       | 625           | 629         | 630          | rBV3     | 1399           | 1496          | 0.12%           | 0.015%        |
| 19        | 5.927       | 658           | 660         | 661          | rBV2     | 1879           | 1251          | 0.10%           | 0.013%        |
| 20        | 6.031       | 675           | 677         | 678          | rBV2     | 1072           | 793           | 0.06%           | 0.008%        |
| 21        | 6.086       | 682           | 686         | 688          | rVV4     | 977            | 1077          | 0.08%           | 0.011%        |
| 22        | 6.196       | 702           | 704         | 706          | rBV3     | 968            | 1174          | 0.09%           | 0.012%        |
| 23        | 6.311       | 721           | 723         | 725          | rBV3     | 1318           | 1173          | 0.09%           | 0.012%        |
| 24        | 6.500       | 752           | 754         | 756          | rVB3     | 1458           | 1122          | 0.09%           | 0.011%        |
| 25        | 6.525       | 756           | 758         | 762          | rBV5     | 1446           | 2138          | 0.17%           | 0.022%        |
| 26        | 6.641       | 773           | 777         | 779          | rVB6     | 1172           | 1178          | 0.09%           | 0.012%        |
| 27        | 6.677       | 782           | 783         | 788          | rVB5     | 1158           | 1308          | 0.10%           | 0.013%        |
| 28        | 6.787       | 799           | 801         | 803          | rBV3     | 661            | 750           | 0.06%           | 0.008%        |
| 29        | 6.970       | 827           | 831         | 833          | rBV6     | 953            | 1279          | 0.10%           | 0.013%        |
| 30        | 7.080       | 840           | 849         | 860          | rBV      | 38569          | 113988        | 8.86%           | 1.164%        |
| 31        | 7.336       | 888           | 891         | 894          | rVB5     | 1565           | 2150          | 0.17%           | 0.022%        |
| 32        | 7.366       | 894           | 896         | 901          | rBV6     | 1455           | 2423          | 0.19%           | 0.025%        |
| 33        | 7.415       | 901           | 904         | 908          | rBV5     | 1525           | 2051          | 0.16%           | 0.021%        |
| 34        | 7.647       | 933           | 942         | 953          | rBV      | 207118         | 502600        | 39.08%          | 5.135%        |
| 35        | 7.823       | 969           | 971         | 972          | rBV2     | 1637           | 1594          | 0.12%           | 0.016%        |
| 36        | 7.884       | 979           | 981         | 982          | rVB2     | 1067           | 751           | 0.06%           | 0.008%        |

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

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Start Thrs: 0.2

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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\SFAMWLM040122SMA.M  
 Title : SFAM01.0

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 37 | 8.006 | 999  | 1001 | 1002 | rBV2 | 1559   | 1013    | 0.08%   | 0.010%  |
| 38 | 8.067 | 1010 | 1011 | 1013 | rBV2 | 1370   | 963     | 0.07%   | 0.010%  |
| 39 | 8.146 | 1022 | 1024 | 1029 | rVB6 | 1874   | 2680    | 0.21%   | 0.027%  |
| 40 | 8.275 | 1035 | 1045 | 1060 | rBV2 | 431353 | 1285920 | 100.00% | 13.137% |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 41 | 8.579 | 1093 | 1095 | 1096 | rBV2 | 1727   | 1147   | 0.09%  | 0.012% |
| 42 | 8.695 | 1108 | 1114 | 1118 | rBV8 | 3029   | 6529   | 0.51%  | 0.067% |
| 43 | 8.762 | 1123 | 1125 | 1129 | rBV5 | 1457   | 1904   | 0.15%  | 0.019% |
| 44 | 8.841 | 1129 | 1138 | 1148 | rBV  | 402116 | 779883 | 60.65% | 7.967% |
| 45 | 8.988 | 1160 | 1162 | 1163 | rBV2 | 1436   | 1060   | 0.08%  | 0.011% |

|    |       |      |      |      |      |        |        |        |        |
|----|-------|------|------|------|------|--------|--------|--------|--------|
| 46 | 9.061 | 1171 | 1174 | 1177 | rBV5 | 1825   | 2601   | 0.20%  | 0.027% |
| 47 | 9.274 | 1201 | 1209 | 1217 | rBV  | 289815 | 581056 | 45.19% | 5.936% |
| 48 | 9.628 | 1266 | 1267 | 1270 | rVB3 | 932    | 829    | 0.06%  | 0.008% |
| 49 | 9.756 | 1286 | 1288 | 1292 | rVB4 | 1040   | 1069   | 0.08%  | 0.011% |
| 50 | 9.799 | 1292 | 1295 | 1296 | rBV3 | 978    | 1057   | 0.08%  | 0.011% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 9.841  | 1300 | 1302 | 1304 | rVB4 | 1196   | 990    | 0.08%  | 0.010% |
| 52 | 9.872  | 1304 | 1307 | 1308 | rBV3 | 1216   | 1286   | 0.10%  | 0.013% |
| 53 | 9.933  | 1315 | 1317 | 1319 | rBV3 | 990    | 1114   | 0.09%  | 0.011% |
| 54 | 10.030 | 1326 | 1333 | 1344 | rVV  | 183531 | 331543 | 25.78% | 3.387% |
| 55 | 10.244 | 1367 | 1368 | 1372 | rVB3 | 1293   | 1049   | 0.08%  | 0.011% |

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 56 | 10.323 | 1372 | 1381 | 1387 | rBV  | 618531 | 1101842 | 85.69% | 11.256% |
| 57 | 10.384 | 1387 | 1391 | 1405 | rVB2 | 31068  | 63205   | 4.92%  | 0.646%  |
| 58 | 10.481 | 1405 | 1407 | 1409 | rBV3 | 1102   | 1138    | 0.09%  | 0.012%  |
| 59 | 10.524 | 1412 | 1414 | 1415 | rVV2 | 1537   | 822     | 0.06%  | 0.008%  |
| 60 | 10.573 | 1416 | 1422 | 1432 | rVB  | 117163 | 207110  | 16.11% | 2.116%  |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 61 | 10.701 | 1439 | 1443 | 1449 | rVB4 | 5860   | 10128  | 0.79%  | 0.103% |
| 62 | 10.835 | 1464 | 1465 | 1471 | rBV6 | 1364   | 2046   | 0.16%  | 0.021% |
| 63 | 10.920 | 1473 | 1479 | 1488 | rVV  | 167451 | 275314 | 21.41% | 2.813% |
| 64 | 11.280 | 1535 | 1538 | 1541 | rBV5 | 1807   | 2349   | 0.18%  | 0.024% |
| 65 | 11.365 | 1549 | 1552 | 1553 | rBV3 | 1864   | 1876   | 0.15%  | 0.019% |

|    |        |      |      |      |      |        |         |        |         |
|----|--------|------|------|------|------|--------|---------|--------|---------|
| 66 | 11.402 | 1555 | 1558 | 1563 | rVB7 | 1905   | 2784    | 0.22%  | 0.028%  |
| 67 | 11.561 | 1580 | 1584 | 1587 | rBV5 | 1351   | 1487    | 0.12%  | 0.015%  |
| 68 | 11.628 | 1587 | 1595 | 1603 | rBV  | 594983 | 1010558 | 78.59% | 10.324% |
| 69 | 11.829 | 1626 | 1628 | 1634 | rVV6 | 2371   | 4399    | 0.34%  | 0.045%  |
| 70 | 11.987 | 1651 | 1654 | 1655 | rBV3 | 959    | 781     | 0.06%  | 0.008%  |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 71 | 12.048 | 1661 | 1664 | 1665 | rBV3 | 905  | 836  | 0.07% | 0.009% |
| 72 | 12.073 | 1665 | 1668 | 1669 | rVV3 | 1159 | 1410 | 0.11% | 0.014% |
| 73 | 12.103 | 1672 | 1673 | 1675 | rVB2 | 1195 | 728  | 0.06% | 0.007% |
| 74 | 12.225 | 1691 | 1693 | 1698 | rVB6 | 1455 | 2042 | 0.16% | 0.021% |
| 75 | 12.329 | 1706 | 1710 | 1715 | rVB4 | 2357 | 4328 | 0.34% | 0.044% |

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 76 | 12.384 | 1715 | 1719 | 1720 | rVB4 | 1182 | 1357 | 0.11% | 0.014% |
|----|--------|------|------|------|------|------|------|-------|--------|

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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\SFAMWLM040122SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 12.426 | 1722 | 1726 | 1727 | rBV3 | 1040   | 1285    | 0.10%  | 0.013%  |
| 78  | 12.469 | 1730 | 1733 | 1734 | rBV3 | 1027   | 1038    | 0.08%  | 0.011%  |
| 79  | 12.603 | 1746 | 1755 | 1762 | rBV2 | 261844 | 444733  | 34.58% | 4.543%  |
| 80  | 12.688 | 1762 | 1769 | 1776 | rBV  | 231121 | 374583  | 29.13% | 3.827%  |
| 81  | 12.871 | 1795 | 1799 | 1800 | rBV4 | 2292   | 2439    | 0.19%  | 0.025%  |
| 82  | 12.926 | 1806 | 1808 | 1809 | rBV2 | 2216   | 1499    | 0.12%  | 0.015%  |
| 83  | 13.097 | 1832 | 1836 | 1837 | rBV3 | 1340   | 2132    | 0.17%  | 0.022%  |
| 84  | 13.237 | 1856 | 1859 | 1864 | rBV6 | 2467   | 4263    | 0.33%  | 0.044%  |
| 85  | 13.292 | 1864 | 1868 | 1872 | rVB6 | 2746   | 3534    | 0.27%  | 0.036%  |
| 86  | 13.353 | 1876 | 1878 | 1879 | rBV2 | 1548   | 1022    | 0.08%  | 0.010%  |
| 87  | 13.554 | 1905 | 1911 | 1918 | rBV  | 649944 | 1016698 | 79.06% | 10.387% |
| 88  | 13.853 | 1953 | 1960 | 1967 | rBV  | 529965 | 879203  | 68.37% | 8.982%  |
| 89  | 14.060 | 1990 | 1994 | 2004 | rVB  | 13864  | 26697   | 2.08%  | 0.273%  |
| 90  | 14.188 | 2012 | 2015 | 2028 | rVB  | 4045   | 11435   | 0.89%  | 0.117%  |
| 91  | 14.280 | 2028 | 2030 | 2031 | rBV2 | 1432   | 805     | 0.06%  | 0.008%  |
| 92  | 14.981 | 2143 | 2145 | 2146 | rBV2 | 1092   | 771     | 0.06%  | 0.008%  |
| 93  | 15.078 | 2159 | 2161 | 2162 | rBV2 | 1415   | 1241    | 0.10%  | 0.013%  |
| 94  | 15.322 | 2199 | 2201 | 2205 | rBV4 | 1466   | 2591    | 0.20%  | 0.026%  |
| 95  | 15.639 | 2251 | 2253 | 2255 | rBV3 | 1289   | 1215    | 0.09%  | 0.012%  |
| 96  | 15.779 | 2274 | 2276 | 2282 | rBV7 | 1899   | 3073    | 0.24%  | 0.031%  |
| 97  | 15.932 | 2299 | 2301 | 2303 | rBV3 | 1258   | 1326    | 0.10%  | 0.014%  |
| 98  | 16.005 | 2311 | 2313 | 2315 | rBV3 | 1381   | 1553    | 0.12%  | 0.016%  |
| 99  | 16.041 | 2317 | 2319 | 2321 | rVV3 | 1838   | 1373    | 0.11%  | 0.014%  |
| 100 | 16.468 | 2387 | 2389 | 2392 | rBV3 | 1788   | 2002    | 0.16%  | 0.020%  |

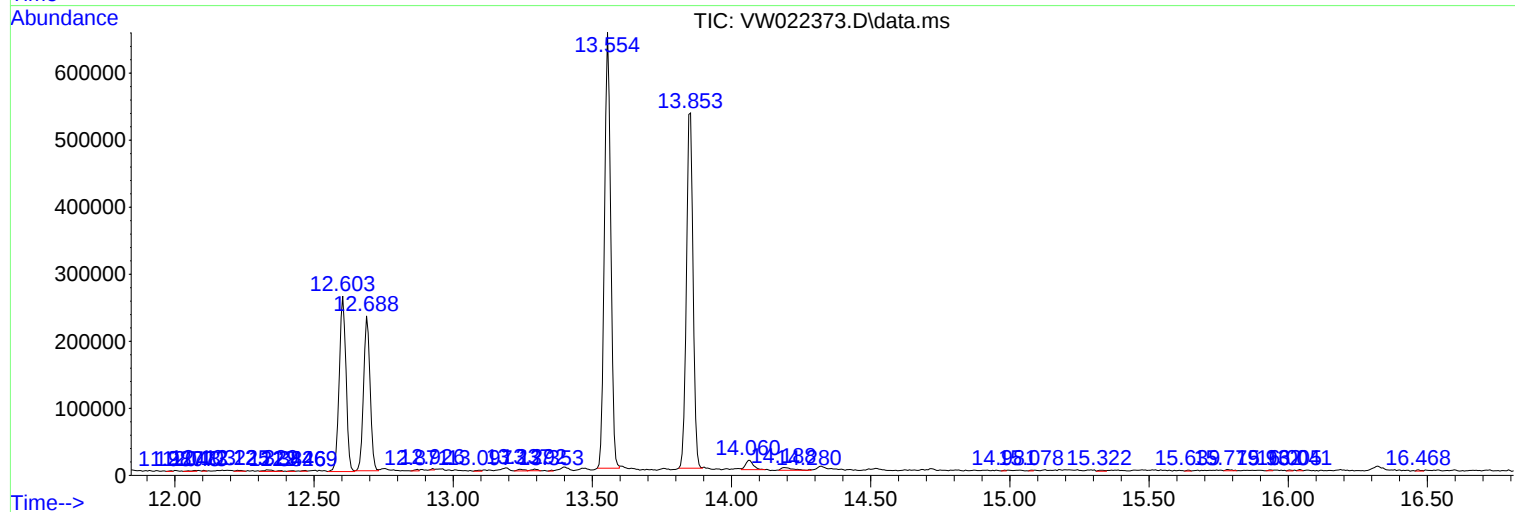
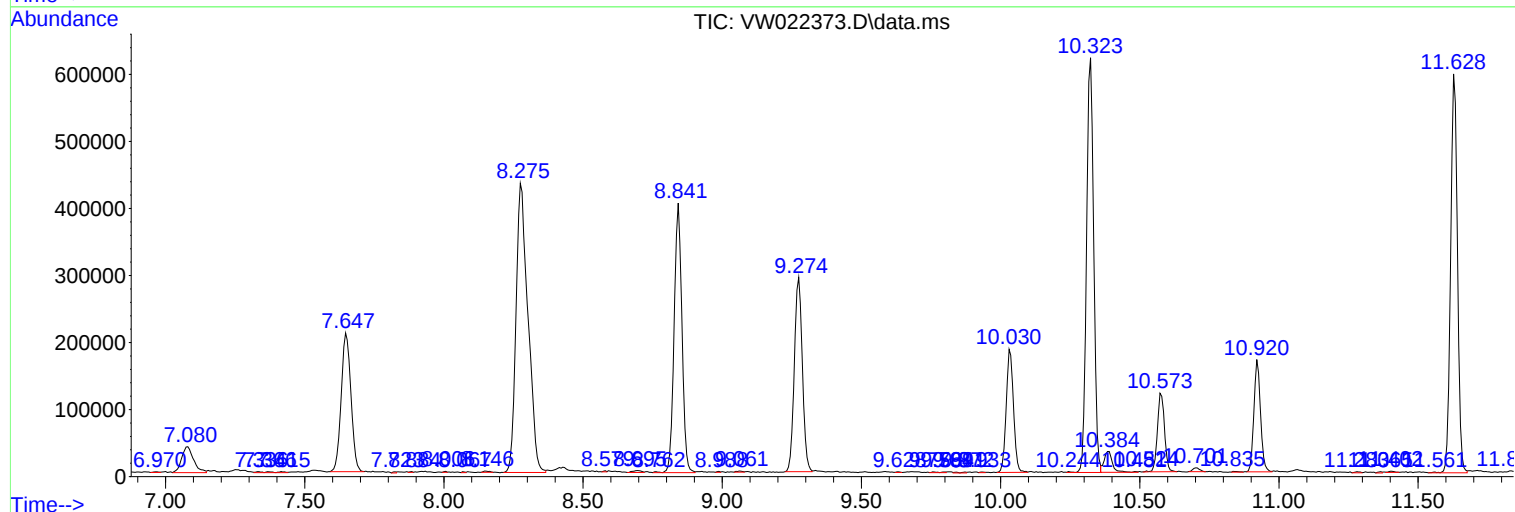
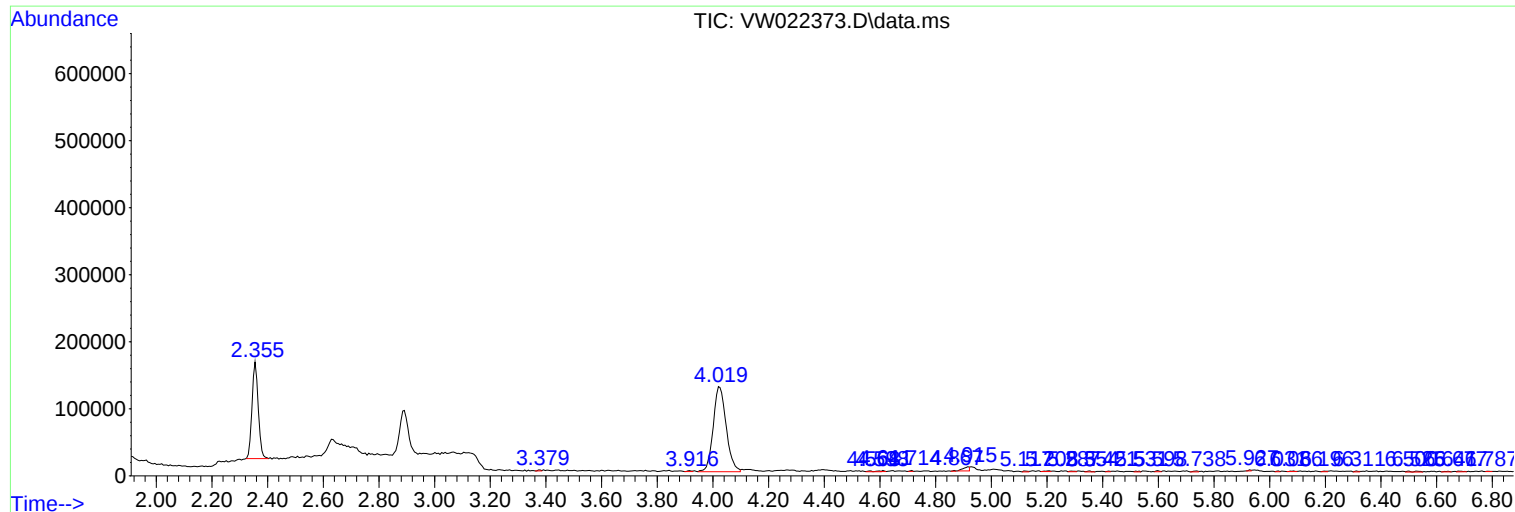
Sum of corrected areas: 9788640

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040122SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040122SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected

\*\*\*\*\*

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040122SMA.M  
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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