

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030524\  
 Data File : VW028100.D  
 Acq On : 05 Mar 2024 18:02  
 Operator : SY/MD  
 Sample : P1677-13  
 Misc : 10.15g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E06Z2

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\SFAMWLM022924SMA.M  
 Title : SFAM01.0

Signal : TIC: VW028100.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         | 2.363       | 72            | 78          | 101          | rBV      | 51129          | 157559        | 15.93%          | 2.111%        |
| 2         | 2.899       | 158           | 166         | 183          | rBV      | 43997          | 136596        | 13.81%          | 1.830%        |
| 3         | 4.027       | 339           | 351         | 382          | rBV      | 104150         | 383220        | 38.74%          | 5.135%        |
| 4         | 4.265       | 389           | 390         | 395          | rVB2     | 175            | 181           | 0.02%           | 0.002%        |
| 5         | 4.448       | 418           | 420         | 422          | rBV      | 168            | 125           | 0.01%           | 0.002%        |
| 6         | 4.576       | 439           | 441         | 442          | rBV      | 121            | 84            | 0.01%           | 0.001%        |
| 7         | 4.923       | 487           | 498         | 518          | rBV4     | 6747           | 26997         | 2.73%           | 0.362%        |
| 8         | 5.106       | 525           | 528         | 530          | rBV2     | 177            | 212           | 0.02%           | 0.003%        |
| 9         | 5.185       | 540           | 541         | 543          | rBV      | 148            | 135           | 0.01%           | 0.002%        |
| 10        | 5.277       | 555           | 556         | 558          | rBV      | 129            | 87            | 0.01%           | 0.001%        |
| 11        | 5.374       | 571           | 572         | 574          | rBV2     | 109            | 90            | 0.01%           | 0.001%        |
| 12        | 5.411       | 577           | 578         | 580          | rVB2     | 178            | 105           | 0.01%           | 0.001%        |
| 13        | 5.582       | 604           | 606         | 609          | rVV2     | 145            | 122           | 0.01%           | 0.002%        |
| 14        | 5.703       | 625           | 626         | 629          | rBV2     | 127            | 154           | 0.02%           | 0.002%        |
| 15        | 5.807       | 641           | 643         | 645          | rBV      | 112            | 102           | 0.01%           | 0.001%        |
| 16        | 5.892       | 655           | 657         | 659          | rVB2     | 103            | 89            | 0.01%           | 0.001%        |
| 17        | 5.941       | 659           | 665         | 673          | rBV3     | 1506           | 3555          | 0.36%           | 0.048%        |
| 18        | 6.307       | 722           | 725         | 726          | rBV2     | 131            | 133           | 0.01%           | 0.002%        |
| 19        | 6.350       | 731           | 732         | 735          | rVB2     | 176            | 133           | 0.01%           | 0.002%        |
| 20        | 6.380       | 735           | 737         | 738          | rBV      | 103            | 79            | 0.01%           | 0.001%        |
| 21        | 6.606       | 771           | 774         | 776          | rBV      | 149            | 216           | 0.02%           | 0.003%        |
| 22        | 6.630       | 776           | 778         | 780          | rVV      | 192            | 163           | 0.02%           | 0.002%        |
| 23        | 6.844       | 811           | 813         | 814          | rBV      | 113            | 91            | 0.01%           | 0.001%        |
| 24        | 6.965       | 831           | 833         | 835          | rBV      | 152            | 196           | 0.02%           | 0.003%        |
| 25        | 7.075       | 842           | 851         | 868          | rBV      | 22045          | 66668         | 6.74%           | 0.893%        |
| 26        | 7.343       | 893           | 895         | 899          | rBV2     | 141            | 156           | 0.02%           | 0.002%        |
| 27        | 7.648       | 935           | 945         | 958          | rBV      | 166438         | 397314        | 40.17%          | 5.324%        |
| 28        | 7.758       | 962           | 963         | 965          | rBV2     | 234            | 154           | 0.02%           | 0.002%        |
| 29        | 7.917       | 986           | 989         | 991          | rBV2     | 151            | 182           | 0.02%           | 0.002%        |
| 30        | 8.051       | 1009          | 1011        | 1012         | rBV      | 116            | 95            | 0.01%           | 0.001%        |
| 31        | 8.276       | 1038          | 1048        | 1065         | rBV2     | 331031         | 947156        | 95.76%          | 12.691%       |
| 32        | 8.496       | 1081          | 1084        | 1085         | rBV      | 177            | 131           | 0.01%           | 0.002%        |
| 33        | 8.514       | 1085          | 1087        | 1089         | rBV2     | 144            | 181           | 0.02%           | 0.002%        |
| 34        | 8.624       | 1102          | 1105        | 1110         | rBV      | 268            | 397           | 0.04%           | 0.005%        |
| 35        | 8.697       | 1114          | 1117        | 1123         | rVB3     | 579            | 761           | 0.08%           | 0.010%        |
| 36        | 8.843       | 1132          | 1141        | 1151         | rBV      | 456268         | 896411        | 90.63%          | 12.011%       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030524\  
 Data File : VW028100.D  
 Acq On : 05 Mar 2024 18:02  
 Operator : SY/MD  
 Sample : P1677-13  
 Misc : 10.15g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E06Z2

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\SFAMWLM022924SMA.M  
 Title : SFAM01.0

|    |        |      |      |      |      |        |        |         |         |
|----|--------|------|------|------|------|--------|--------|---------|---------|
| 37 | 9.081  | 1175 | 1180 | 1184 | rBV4 | 766    | 1391   | 0.14%   | 0.019%  |
| 38 | 9.270  | 1203 | 1211 | 1222 | rBV  | 194427 | 400656 | 40.51%  | 5.369%  |
| 39 | 9.508  | 1248 | 1250 | 1252 | rVB2 | 222    | 193    | 0.02%   | 0.003%  |
| 40 | 9.538  | 1252 | 1255 | 1259 | rBV  | 220    | 381    | 0.04%   | 0.005%  |
| 41 | 9.617  | 1266 | 1268 | 1271 | rBV2 | 132    | 159    | 0.02%   | 0.002%  |
| 42 | 9.684  | 1276 | 1279 | 1280 | rBV  | 113    | 92     | 0.01%   | 0.001%  |
| 43 | 9.733  | 1285 | 1287 | 1290 | rVB2 | 166    | 123    | 0.01%   | 0.002%  |
| 44 | 9.867  | 1307 | 1309 | 1312 | rBV2 | 179    | 228    | 0.02%   | 0.003%  |
| 45 | 10.032 | 1329 | 1336 | 1345 | rBV  | 111758 | 202496 | 20.47%  | 2.713%  |
| 46 | 10.215 | 1363 | 1366 | 1367 | rBV2 | 121    | 151    | 0.02%   | 0.002%  |
| 47 | 10.319 | 1375 | 1383 | 1392 | rBV  | 488963 | 856068 | 86.55%  | 11.471% |
| 48 | 10.575 | 1418 | 1425 | 1437 | rBV  | 70289  | 121674 | 12.30%  | 1.630%  |
| 49 | 10.703 | 1441 | 1446 | 1452 | rVB2 | 1450   | 2381   | 0.24%   | 0.032%  |
| 50 | 10.812 | 1463 | 1464 | 1466 | rBV  | 127    | 122    | 0.01%   | 0.002%  |
| 51 | 10.855 | 1469 | 1471 | 1472 | rBV  | 121    | 96     | 0.01%   | 0.001%  |
| 52 | 10.922 | 1475 | 1482 | 1497 | rBV  | 96291  | 159402 | 16.12%  | 2.136%  |
| 53 | 11.178 | 1521 | 1524 | 1526 | rBV2 | 257    | 186    | 0.02%   | 0.002%  |
| 54 | 11.349 | 1550 | 1552 | 1554 | rBV  | 162    | 164    | 0.02%   | 0.002%  |
| 55 | 11.501 | 1576 | 1577 | 1579 | rBV  | 131    | 94     | 0.01%   | 0.001%  |
| 56 | 11.629 | 1590 | 1598 | 1608 | rBV  | 593546 | 989084 | 100.00% | 13.253% |
| 57 | 11.837 | 1627 | 1632 | 1637 | rVB2 | 2040   | 3685   | 0.37%   | 0.049%  |
| 58 | 11.879 | 1637 | 1639 | 1640 | rBV2 | 152    | 87     | 0.01%   | 0.001%  |
| 59 | 11.904 | 1641 | 1643 | 1645 | rVB  | 170    | 111    | 0.01%   | 0.001%  |
| 60 | 11.934 | 1645 | 1648 | 1649 | rBV  | 139    | 124    | 0.01%   | 0.002%  |
| 61 | 11.983 | 1654 | 1656 | 1659 | rBV2 | 229    | 178    | 0.02%   | 0.002%  |
| 62 | 12.111 | 1674 | 1677 | 1678 | rBV2 | 239    | 195    | 0.02%   | 0.003%  |
| 63 | 12.172 | 1681 | 1687 | 1692 | rVV4 | 758    | 1339   | 0.14%   | 0.018%  |
| 64 | 12.275 | 1702 | 1704 | 1705 | rBV  | 120    | 86     | 0.01%   | 0.001%  |
| 65 | 12.501 | 1738 | 1741 | 1742 | rBV  | 165    | 121    | 0.01%   | 0.002%  |
| 66 | 12.599 | 1751 | 1757 | 1764 | rBV  | 30053  | 50163  | 5.07%   | 0.672%  |
| 67 | 12.690 | 1765 | 1772 | 1784 | rVB  | 161724 | 265654 | 26.86%  | 3.560%  |
| 68 | 12.800 | 1787 | 1790 | 1797 | rBV2 | 293    | 422    | 0.04%   | 0.006%  |
| 69 | 12.867 | 1797 | 1801 | 1804 | rBV3 | 230    | 416    | 0.04%   | 0.006%  |
| 70 | 12.922 | 1807 | 1810 | 1811 | rBV2 | 336    | 306    | 0.03%   | 0.004%  |
| 71 | 13.080 | 1834 | 1836 | 1837 | rVB  | 159    | 83     | 0.01%   | 0.001%  |
| 72 | 13.099 | 1837 | 1839 | 1843 | rVB3 | 283    | 392    | 0.04%   | 0.005%  |
| 73 | 13.129 | 1843 | 1844 | 1846 | rBV3 | 194    | 163    | 0.02%   | 0.002%  |
| 74 | 13.153 | 1846 | 1848 | 1851 | rBV  | 123    | 163    | 0.02%   | 0.002%  |
| 75 | 13.190 | 1851 | 1854 | 1856 | rVB3 | 270    | 345    | 0.03%   | 0.005%  |
| 76 | 13.245 | 1858 | 1863 | 1869 | rBV3 | 1010   | 1708   | 0.17%   | 0.023%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030524\  
 Data File : VW028100.D  
 Acq On : 05 Mar 2024 18:02  
 Operator : SY/MD  
 Sample : P1677-13  
 Misc : 10.15g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E06Z2

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\SFAMWLM022924SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |        |        |         |
|-----|--------|------|------|------|------|--------|--------|--------|---------|
| 77  | 13.367 | 1882 | 1883 | 1885 | rBV  | 256    | 208    | 0.02%  | 0.003%  |
| 78  | 13.403 | 1885 | 1889 | 1893 | rVB3 | 953    | 1251   | 0.13%  | 0.017%  |
| 79  | 13.446 | 1893 | 1896 | 1897 | rBV2 | 293    | 249    | 0.03%  | 0.003%  |
| 80  | 13.495 | 1902 | 1904 | 1906 | rVB2 | 309    | 252    | 0.03%  | 0.003%  |
| 81  | 13.556 | 1906 | 1914 | 1924 | rBV  | 541166 | 837625 | 84.69% | 11.224% |
| 82  | 13.745 | 1943 | 1945 | 1946 | rBV  | 309    | 190    | 0.02%  | 0.003%  |
| 83  | 13.763 | 1946 | 1948 | 1951 | rVB3 | 631    | 577    | 0.06%  | 0.008%  |
| 84  | 13.848 | 1952 | 1962 | 1975 | rBV  | 321485 | 526123 | 53.19% | 7.050%  |
| 85  | 13.976 | 1981 | 1983 | 1985 | rBV2 | 628    | 632    | 0.06%  | 0.008%  |
| 86  | 14.013 | 1988 | 1989 | 1992 | rVV3 | 491    | 603    | 0.06%  | 0.008%  |
| 87  | 14.062 | 1992 | 1997 | 2009 | rVB  | 4488   | 8655   | 0.88%  | 0.116%  |
| 88  | 14.190 | 2013 | 2018 | 2019 | rBV4 | 779    | 1070   | 0.11%  | 0.014%  |
| 89  | 14.318 | 2035 | 2039 | 2044 | rBV4 | 1406   | 2310   | 0.23%  | 0.031%  |
| 90  | 14.446 | 2059 | 2060 | 2062 | rVB2 | 216    | 109    | 0.01%  | 0.001%  |
| 91  | 14.489 | 2065 | 2067 | 2068 | rBV2 | 388    | 320    | 0.03%  | 0.004%  |
| 92  | 14.549 | 2075 | 2077 | 2078 | rBV  | 146    | 83     | 0.01%  | 0.001%  |
| 93  | 14.580 | 2078 | 2082 | 2085 | rBV2 | 197    | 335    | 0.03%  | 0.004%  |
| 94  | 14.684 | 2098 | 2099 | 2101 | rBV2 | 185    | 140    | 0.01%  | 0.002%  |
| 95  | 14.830 | 2121 | 2123 | 2124 | rBV  | 269    | 199    | 0.02%  | 0.003%  |
| 96  | 14.866 | 2128 | 2129 | 2131 | rBV2 | 145    | 114    | 0.01%  | 0.002%  |
| 97  | 15.360 | 2208 | 2210 | 2211 | rBV  | 353    | 264    | 0.03%  | 0.004%  |
| 98  | 15.769 | 2275 | 2277 | 2280 | rVB  | 443    | 335    | 0.03%  | 0.004%  |
| 99  | 15.805 | 2281 | 2283 | 2286 | rBV2 | 301    | 271    | 0.03%  | 0.004%  |
| 100 | 16.677 | 2425 | 2426 | 2429 | rBB2 | 362    | 228    | 0.02%  | 0.003%  |

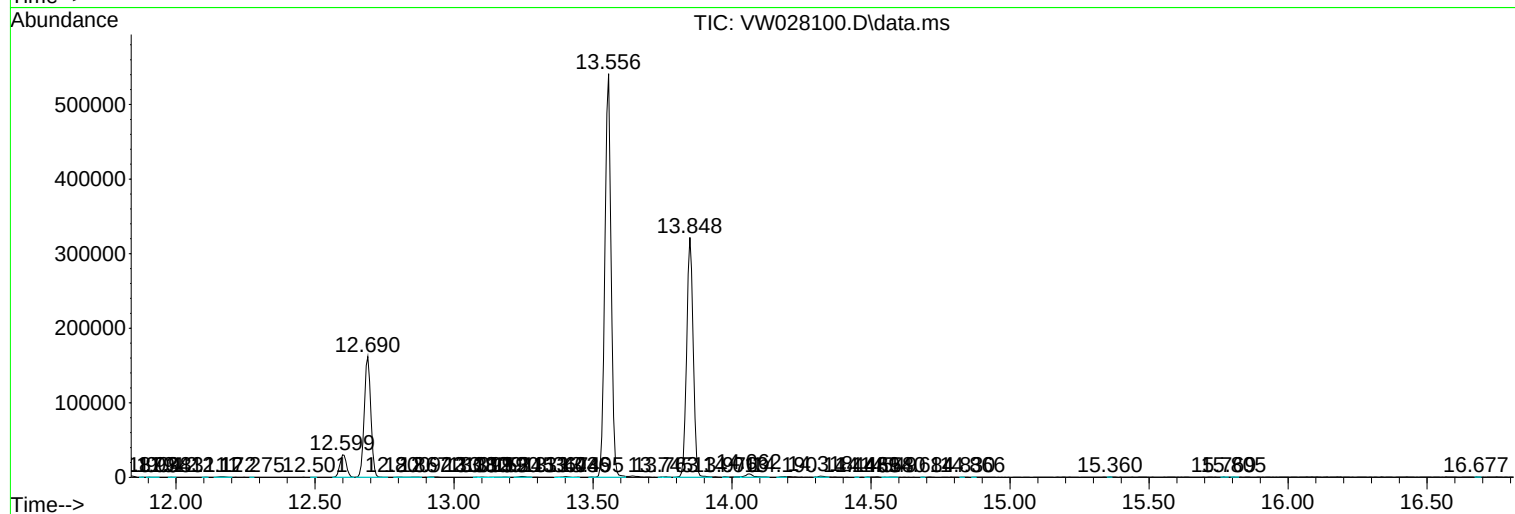
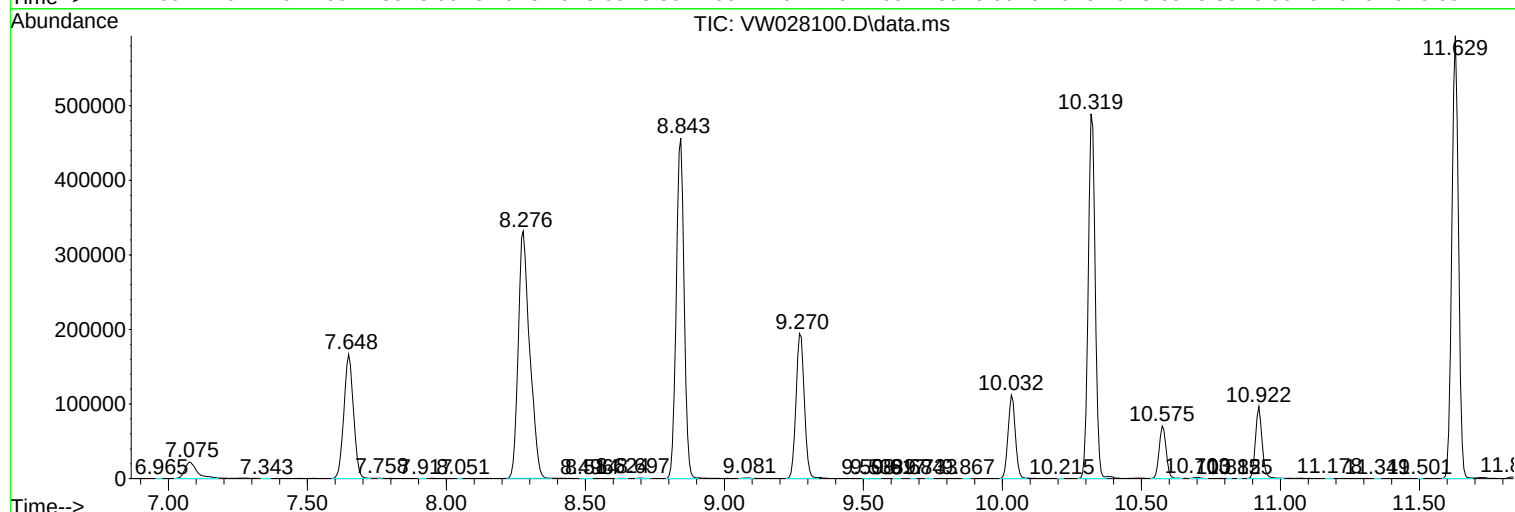
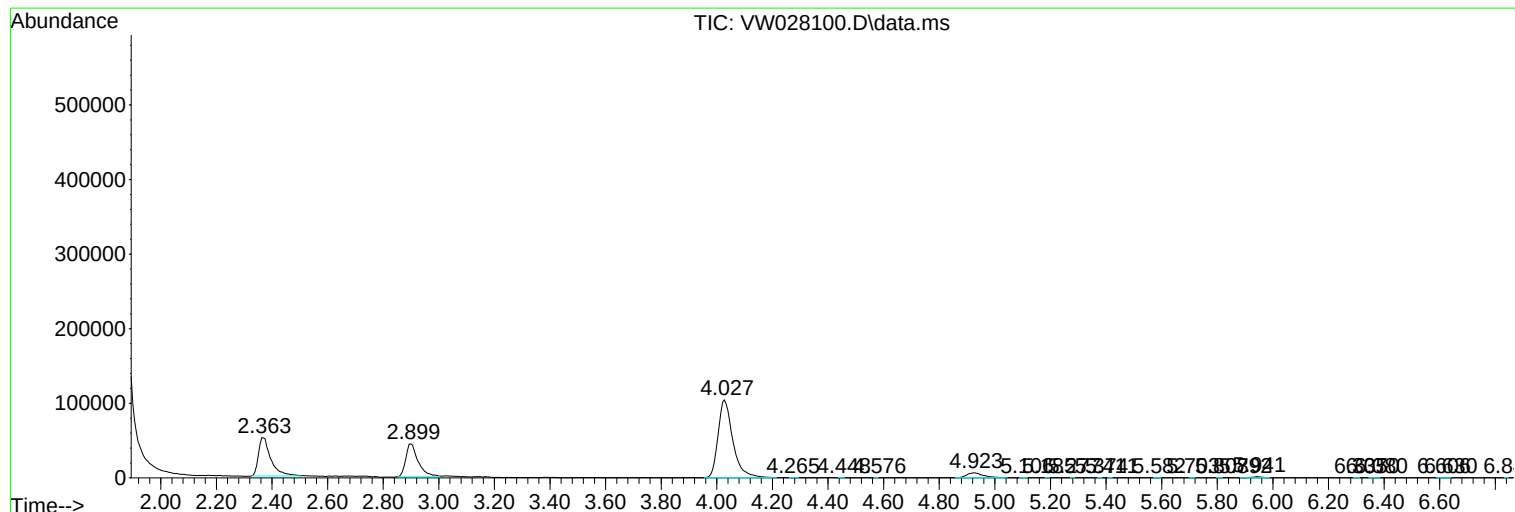
Sum of corrected areas: 7463055

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030524\  
Data File : VW028100.D  
Acq On : 05 Mar 2024 18:02  
Operator : SY/MD  
Sample : P1677-13  
Misc : 10.15g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E06Z2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022924SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030524\  
Data File : VW028100.D  
Acq On : 05 Mar 2024 18:02  
Operator : SY/MD  
Sample : P1677-13  
Misc : 10.15g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E06Z2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022924SMA.M  
Quant Title : SFAM01.0

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW030524\  
Data File : VW028100.D  
Acq On : 05 Mar 2024 18:02  
Operator : SY/MD  
Sample : P1677-13  
Misc : 10.15g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
E06Z2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM022924SMA.M  
Quant Title : SFAM01.0

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

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

-----