

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120523\  
 Data File : VD077751.D  
 Acq On : 05 Dec 2023 14:07  
 Operator : JC/SY  
 Sample : 05625-02  
 Misc : 3.51G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E0LQ1

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\_D\Method\SFAMDLM112923SMA.M  
 Title : SFAM01.0

Signal : TIC: VD077751.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         | 1.693       | 14            | 18          | 21           | rBV      | 29997          | 44684         | 3.00%           | 0.388%        |
| 2         | 1.746       | 21            | 27          | 39           | rVB      | 583600         | 943110        | 63.37%          | 8.179%        |
| 3         | 1.899       | 50            | 53          | 58           | rVB3     | 12084          | 15170         | 1.02%           | 0.132%        |
| 4         | 2.146       | 93            | 95          | 98           | rBV      | 5147           | 7400          | 0.50%           | 0.064%        |
| 5         | 2.287       | 114           | 119         | 126          | rVB      | 278115         | 411230        | 27.63%          | 3.566%        |
| 6         | 2.816       | 203           | 209         | 217          | rVB      | 197451         | 362747        | 24.37%          | 3.146%        |
| 7         | 3.399       | 306           | 308         | 311          | rBV      | 2579           | 3091          | 0.21%           | 0.027%        |
| 8         | 3.599       | 340           | 342         | 343          | rBV      | 2026           | 1879          | 0.13%           | 0.016%        |
| 9         | 3.628       | 346           | 347         | 349          | rBV      | 4877           | 4015          | 0.27%           | 0.035%        |
| 10        | 3.863       | 385           | 387         | 388          | rBV      | 3876           | 3044          | 0.20%           | 0.026%        |
| 11        | 3.928       | 388           | 398         | 409          | rVV      | 214238         | 586604        | 39.42%          | 5.087%        |
| 12        | 4.105       | 426           | 428         | 429          | rVB      | 3017           | 1239          | 0.08%           | 0.011%        |
| 13        | 4.122       | 429           | 431         | 433          | rVB      | 2524           | 1670          | 0.11%           | 0.014%        |
| 14        | 4.281       | 450           | 458         | 467          | rVB3     | 22730          | 60673         | 4.08%           | 0.526%        |
| 15        | 4.387       | 473           | 476         | 477          | rBV2     | 2318           | 2523          | 0.17%           | 0.022%        |
| 16        | 4.428       | 482           | 483         | 486          | rVB      | 2397           | 1825          | 0.12%           | 0.016%        |
| 17        | 4.452       | 486           | 487         | 490          | rBV      | 2158           | 2794          | 0.19%           | 0.024%        |
| 18        | 4.534       | 500           | 501         | 502          | rBV      | 2607           | 1181          | 0.08%           | 0.010%        |
| 19        | 4.610       | 512           | 514         | 515          | rBV      | 2023           | 1203          | 0.08%           | 0.010%        |
| 20        | 4.675       | 523           | 525         | 526          | rBV      | 1763           | 1004          | 0.07%           | 0.009%        |
| 21        | 4.763       | 538           | 540         | 541          | rBV      | 4112           | 3836          | 0.26%           | 0.033%        |
| 22        | 4.810       | 541           | 548         | 559          | rVB3     | 22026          | 67648         | 4.55%           | 0.587%        |
| 23        | 4.946       | 569           | 571         | 572          | rBV      | 1680           | 1023          | 0.07%           | 0.009%        |
| 24        | 5.046       | 587           | 588         | 590          | rBV      | 3979           | 2471          | 0.17%           | 0.021%        |
| 25        | 5.122       | 599           | 601         | 603          | rBV      | 1965           | 1662          | 0.11%           | 0.014%        |
| 26        | 5.140       | 603           | 604         | 607          | rBV2     | 2226           | 1888          | 0.13%           | 0.016%        |
| 27        | 5.193       | 612           | 613         | 614          | rBV      | 1902           | 1016          | 0.07%           | 0.009%        |
| 28        | 5.257       | 622           | 624         | 625          | rBV2     | 2250           | 1899          | 0.13%           | 0.016%        |
| 29        | 5.305       | 630           | 632         | 633          | rVB2     | 2013           | 1201          | 0.08%           | 0.010%        |
| 30        | 5.428       | 652           | 653         | 654          | rBV      | 1768           | 1035          | 0.07%           | 0.009%        |
| 31        | 5.463       | 657           | 659         | 661          | rVV      | 2896           | 2904          | 0.20%           | 0.025%        |
| 32        | 5.505       | 665           | 666         | 667          | rVV      | 2419           | 1051          | 0.07%           | 0.009%        |
| 33        | 5.534       | 670           | 671         | 674          | rVV      | 3313           | 2620          | 0.18%           | 0.023%        |
| 34        | 5.569       | 674           | 677         | 678          | rVB      | 4069           | 2902          | 0.19%           | 0.025%        |
| 35        | 5.610       | 683           | 684         | 686          | rVB      | 3641           | 1751          | 0.12%           | 0.015%        |
| 36        | 5.628       | 686           | 687         | 689          | rBV      | 2481           | 2182          | 0.15%           | 0.019%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120523\  
 Data File : VD077751.D  
 Acq On : 05 Dec 2023 14:07  
 Operator : JC/SY  
 Sample : 05625-02  
 Misc : 3.51G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E0LQ1

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\_D\Method\SFAMDLM112923SMA.M  
 Title : SFAM01.0

|    |       |      |      |      |      |        |         |         |         |
|----|-------|------|------|------|------|--------|---------|---------|---------|
| 37 | 5.663 | 691  | 693  | 698  | rVB2 | 1903   | 2604    | 0.17%   | 0.023%  |
| 38 | 5.710 | 698  | 701  | 702  | rBV  | 2195   | 1747    | 0.12%   | 0.015%  |
| 39 | 5.810 | 716  | 718  | 719  | rBV  | 2749   | 1861    | 0.13%   | 0.016%  |
| 40 | 5.834 | 719  | 722  | 723  | rBV  | 2477   | 2533    | 0.17%   | 0.022%  |
| 41 | 5.952 | 740  | 742  | 743  | rBV2 | 2409   | 1305    | 0.09%   | 0.011%  |
| 42 | 6.087 | 762  | 765  | 768  | rVB  | 3601   | 4048    | 0.27%   | 0.035%  |
| 43 | 6.140 | 772  | 774  | 776  | rBV  | 1806   | 1367    | 0.09%   | 0.012%  |
| 44 | 6.222 | 786  | 788  | 790  | rBV  | 3155   | 3221    | 0.22%   | 0.028%  |
| 45 | 6.269 | 794  | 796  | 797  | rVV  | 1939   | 1126    | 0.08%   | 0.010%  |
| 46 | 6.293 | 797  | 800  | 804  | rVB3 | 2084   | 3175    | 0.21%   | 0.028%  |
| 47 | 6.334 | 804  | 807  | 810  | rBV  | 2872   | 3849    | 0.26%   | 0.033%  |
| 48 | 6.522 | 838  | 839  | 843  | rBV  | 2705   | 3358    | 0.23%   | 0.029%  |
| 49 | 6.593 | 849  | 851  | 852  | rVB  | 2388   | 1217    | 0.08%   | 0.011%  |
| 50 | 6.616 | 852  | 855  | 856  | rBV  | 1775   | 1713    | 0.12%   | 0.015%  |
| 51 | 6.699 | 867  | 869  | 871  | rVB  | 2114   | 1199    | 0.08%   | 0.010%  |
| 52 | 6.799 | 885  | 886  | 888  | rVB  | 4050   | 1533    | 0.10%   | 0.013%  |
| 53 | 6.822 | 888  | 890  | 892  | rBV2 | 2671   | 2684    | 0.18%   | 0.023%  |
| 54 | 6.887 | 899  | 901  | 904  | rBV  | 2839   | 2568    | 0.17%   | 0.022%  |
| 55 | 6.922 | 906  | 907  | 909  | rBV  | 2226   | 1602    | 0.11%   | 0.014%  |
| 56 | 6.987 | 911  | 918  | 928  | rBV2 | 23593  | 74641   | 5.02%   | 0.647%  |
| 57 | 7.152 | 943  | 946  | 947  | rBV  | 2997   | 2663    | 0.18%   | 0.023%  |
| 58 | 7.181 | 949  | 951  | 956  | rVB  | 3580   | 5198    | 0.35%   | 0.045%  |
| 59 | 7.228 | 956  | 959  | 960  | rBV  | 2163   | 2362    | 0.16%   | 0.020%  |
| 60 | 7.240 | 960  | 961  | 963  | rVV2 | 2442   | 1029    | 0.07%   | 0.009%  |
| 61 | 7.310 | 971  | 973  | 978  | rVB2 | 2342   | 2240    | 0.15%   | 0.019%  |
| 62 | 7.434 | 993  | 994  | 997  | rBV  | 2437   | 2435    | 0.16%   | 0.021%  |
| 63 | 7.575 | 1009 | 1018 | 1027 | rBV  | 237158 | 601203  | 40.40%  | 5.214%  |
| 64 | 7.799 | 1055 | 1056 | 1058 | rBV  | 4541   | 3474    | 0.23%   | 0.030%  |
| 65 | 7.916 | 1074 | 1076 | 1079 | rVB  | 3308   | 2409    | 0.16%   | 0.021%  |
| 66 | 8.210 | 1113 | 1126 | 1141 | rBV2 | 505047 | 1488207 | 100.00% | 12.907% |
| 67 | 8.404 | 1157 | 1159 | 1162 | rBV2 | 3312   | 3079    | 0.21%   | 0.027%  |
| 68 | 8.781 | 1215 | 1223 | 1235 | rBV  | 541904 | 1088074 | 73.11%  | 9.437%  |
| 69 | 8.910 | 1242 | 1245 | 1247 | rBV2 | 4360   | 3587    | 0.24%   | 0.031%  |
| 70 | 8.946 | 1250 | 1251 | 1252 | rBV  | 2437   | 987     | 0.07%   | 0.009%  |
| 71 | 9.034 | 1259 | 1266 | 1273 | rVB2 | 25453  | 54982   | 3.69%   | 0.477%  |
| 72 | 9.087 | 1273 | 1275 | 1276 | rBV  | 2461   | 1334    | 0.09%   | 0.012%  |
| 73 | 9.216 | 1286 | 1297 | 1306 | rBV  | 318966 | 672177  | 45.17%  | 5.830%  |
| 74 | 9.346 | 1317 | 1319 | 1323 | rBV2 | 4194   | 4633    | 0.31%   | 0.040%  |
| 75 | 9.493 | 1342 | 1344 | 1345 | rBV  | 1851   | 1082    | 0.07%   | 0.009%  |
| 76 | 9.751 | 1386 | 1388 | 1389 | rBV  | 3601   | 2033    | 0.14%   | 0.018%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120523\  
 Data File : VD077751.D  
 Acq On : 05 Dec 2023 14:07  
 Operator : JC/SY  
 Sample : 05625-02  
 Misc : 3.51G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 E0LQ1

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\_D\Method\SFAMDLM112923SMA.M  
 Title : SFAM01.0

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 9.981  | 1419 | 1427 | 1434 | rBV  | 158949 | 299065  | 20.10% | 2.594%  |
| 78  | 10.275 | 1469 | 1477 | 1484 | rBV  | 629284 | 1163416 | 78.18% | 10.090% |
| 79  | 10.528 | 1513 | 1520 | 1528 | rBV  | 91291  | 168040  | 11.29% | 1.457%  |
| 80  | 10.669 | 1539 | 1544 | 1550 | rVB3 | 20672  | 36247   | 2.44%  | 0.314%  |
| 81  | 10.816 | 1561 | 1569 | 1575 | rBV  | 430614 | 772204  | 51.89% | 6.697%  |
| 82  | 10.881 | 1575 | 1580 | 1587 | rVB  | 110837 | 187502  | 12.60% | 1.626%  |
| 83  | 11.140 | 1622 | 1624 | 1625 | rBV  | 2449   | 1788    | 0.12%  | 0.016%  |
| 84  | 11.351 | 1659 | 1660 | 1661 | rBV  | 3625   | 1659    | 0.11%  | 0.014%  |
| 85  | 11.457 | 1677 | 1678 | 1679 | rBV  | 3014   | 1173    | 0.08%  | 0.010%  |
| 86  | 11.587 | 1693 | 1700 | 1711 | rBV  | 576990 | 993133  | 66.73% | 8.613%  |
| 87  | 12.498 | 1853 | 1855 | 1857 | rBV  | 3319   | 2382    | 0.16%  | 0.021%  |
| 88  | 12.587 | 1865 | 1870 | 1875 | rBV3 | 21561  | 38011   | 2.55%  | 0.330%  |
| 89  | 12.651 | 1875 | 1881 | 1889 | rVB  | 161664 | 281607  | 18.92% | 2.442%  |
| 90  | 12.804 | 1905 | 1907 | 1908 | rBV  | 3674   | 1960    | 0.13%  | 0.017%  |
| 91  | 12.834 | 1911 | 1912 | 1914 | rBV  | 3343   | 1810    | 0.12%  | 0.016%  |
| 92  | 12.892 | 1920 | 1922 | 1924 | rBV  | 3391   | 3566    | 0.24%  | 0.031%  |
| 93  | 12.957 | 1931 | 1933 | 1934 | rBV  | 2978   | 2012    | 0.14%  | 0.017%  |
| 94  | 13.075 | 1951 | 1953 | 1955 | rVB  | 4377   | 2556    | 0.17%  | 0.022%  |
| 95  | 13.098 | 1955 | 1957 | 1958 | rBV  | 3074   | 1774    | 0.12%  | 0.015%  |
| 96  | 13.522 | 2023 | 2029 | 2036 | rBV  | 289060 | 474316  | 31.87% | 4.114%  |
| 97  | 13.822 | 2073 | 2080 | 2088 | rVB  | 263349 | 445550  | 29.94% | 3.864%  |
| 98  | 14.051 | 2113 | 2119 | 2125 | rBV3 | 15253  | 28576   | 1.92%  | 0.248%  |
| 99  | 14.898 | 2261 | 2263 | 2264 | rBV  | 3879   | 2689    | 0.18%  | 0.023%  |
| 100 | 15.104 | 2294 | 2298 | 2300 | rBV  | 4381   | 4718    | 0.32%  | 0.041%  |

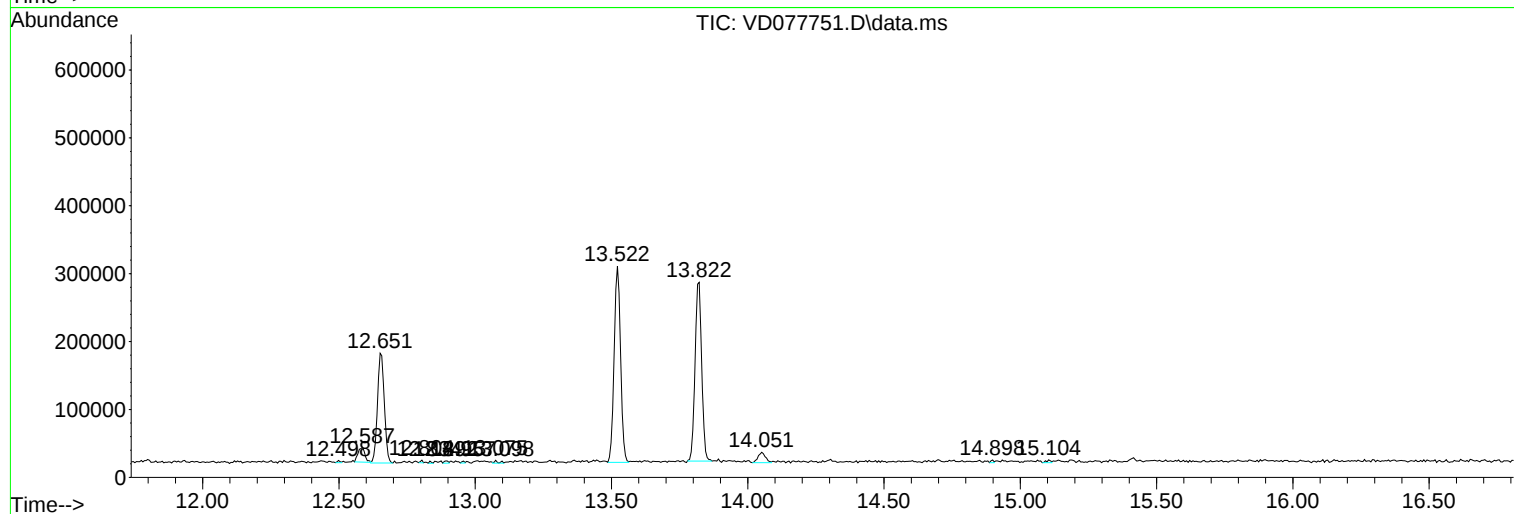
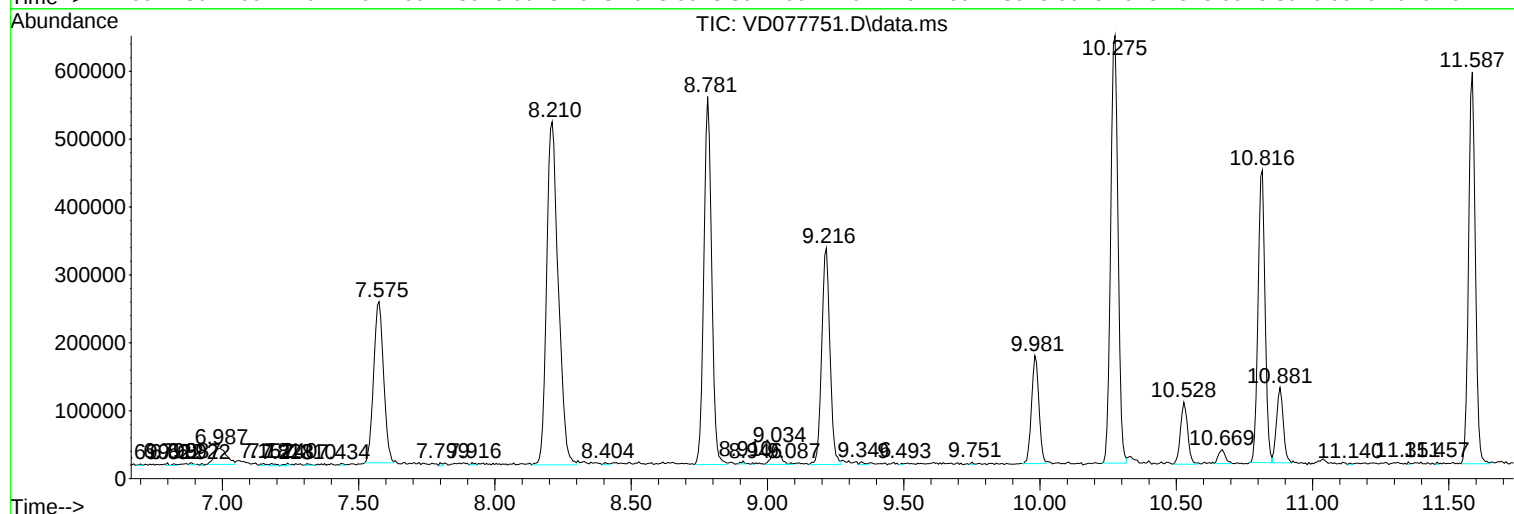
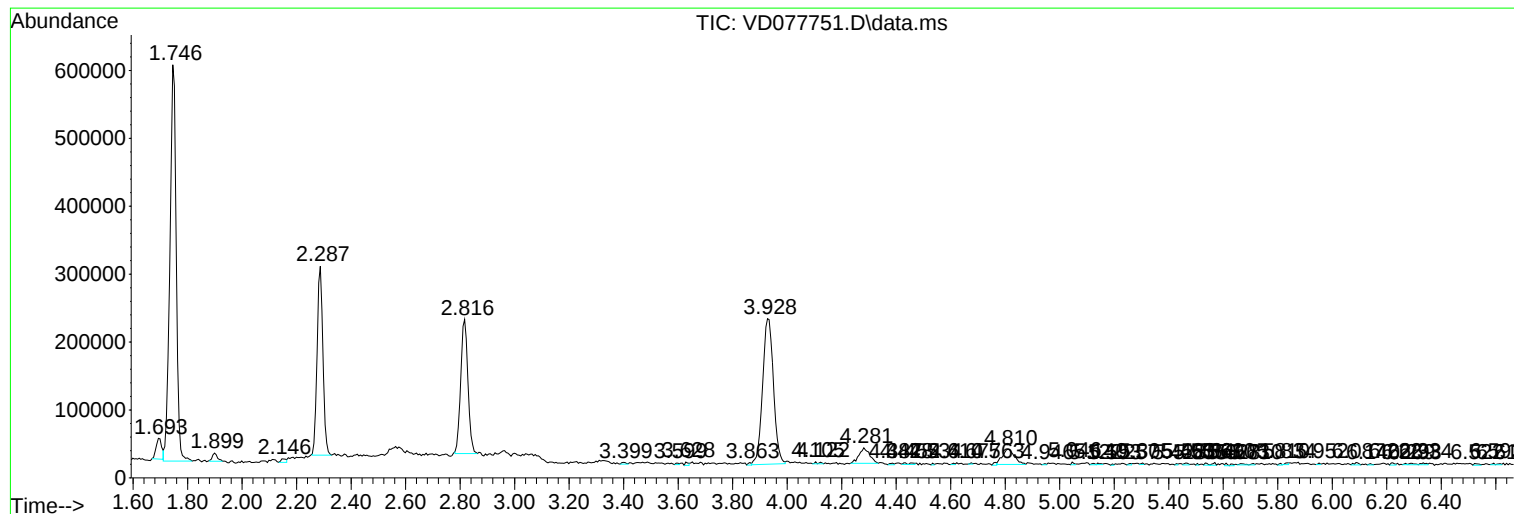
Sum of corrected areas: 11530468

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120523\  
Data File : VD077751.D  
Acq On : 05 Dec 2023 14:07  
Operator : JC/SY  
Sample : 05625-02  
Misc : 3.51G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E0LQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120523\  
Data File : VD077751.D  
Acq On : 05 Dec 2023 14:07  
Operator : JC/SY  
Sample : 05625-02  
Misc : 3.51G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E0LQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.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\_D\Data\VD120523\  
Data File : VD077751.D  
Acq On : 05 Dec 2023 14:07  
Operator : JC/SY  
Sample : 05625-02  
Misc : 3.51G/10ml/MSVOA\_D/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
E0LQ1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.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 |
|------------------|----|---------|-------|----------|---|----|------|------|
|------------------|----|---------|-------|----------|---|----|------|------|