

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092322\  
 Data File : VY010642.D  
 Acq On : 23 Sep 2022 12:39  
 Operator : KP/MD  
 Sample : N4723-19  
 Misc : 5.07g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-29-6.5-7.0

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_Y\methods\82Y091922S.M  
 Title : SW846 8260

Signal : TIC: VY010642.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         | 2.119       | 43            | 49          | 50           | rBV2     | 2784           | 4797          | 22.57%          | 3.449%        |
| 2         | 2.503       | 108           | 112         | 114          | rBV2     | 459            | 498           | 2.34%           | 0.358%        |
| 3         | 2.552       | 118           | 120         | 122          | rVB      | 439            | 273           | 1.28%           | 0.196%        |
| 4         | 2.570       | 122           | 123         | 126          | rBV3     | 382            | 354           | 1.67%           | 0.255%        |
| 5         | 2.814       | 161           | 163         | 165          | rVB2     | 355            | 311           | 1.46%           | 0.224%        |
| 6         | 3.009       | 193           | 195         | 199          | rBV      | 313            | 447           | 2.10%           | 0.321%        |
| 7         | 3.131       | 213           | 215         | 218          | rVB      | 309            | 313           | 1.47%           | 0.225%        |
| 8         | 3.162       | 218           | 220         | 222          | rBV      | 446            | 403           | 1.90%           | 0.290%        |
| 9         | 3.284       | 239           | 240         | 243          | rBV2     | 247            | 295           | 1.39%           | 0.212%        |
| 10        | 3.363       | 250           | 253         | 256          | rBV2     | 311            | 360           | 1.69%           | 0.259%        |
| 11        | 3.503       | 273           | 276         | 279          | rVB2     | 283            | 390           | 1.83%           | 0.280%        |
| 12        | 3.942       | 346           | 348         | 352          | rBV3     | 331            | 551           | 2.59%           | 0.396%        |
| 13        | 4.088       | 367           | 372         | 376          | rBV4     | 825            | 1761          | 8.29%           | 1.266%        |
| 14        | 4.186       | 385           | 388         | 394          | rVB2     | 307            | 383           | 1.80%           | 0.275%        |
| 15        | 4.259       | 394           | 400         | 404          | rBV2     | 315            | 468           | 2.20%           | 0.337%        |
| 16        | 4.393       | 419           | 422         | 426          | rBV2     | 250            | 371           | 1.75%           | 0.267%        |
| 17        | 4.698       | 469           | 472         | 473          | rBV2     | 430            | 456           | 2.15%           | 0.328%        |
| 18        | 5.015       | 522           | 524         | 530          | rVB3     | 327            | 525           | 2.47%           | 0.378%        |
| 19        | 5.082       | 533           | 535         | 538          | rVB      | 274            | 288           | 1.36%           | 0.207%        |
| 20        | 5.149       | 544           | 546         | 550          | rBV3     | 234            | 301           | 1.42%           | 0.216%        |
| 21        | 5.204       | 552           | 555         | 558          | rVB2     | 285            | 311           | 1.46%           | 0.224%        |
| 22        | 5.326       | 570           | 575         | 578          | rBV2     | 272            | 350           | 1.65%           | 0.252%        |
| 23        | 5.600       | 617           | 620         | 626          | rVV      | 275            | 377           | 1.77%           | 0.271%        |
| 24        | 5.643       | 626           | 627         | 632          | rVB3     | 284            | 320           | 1.51%           | 0.230%        |
| 25        | 5.777       | 645           | 649         | 652          | rBV2     | 267            | 342           | 1.61%           | 0.246%        |
| 26        | 6.362       | 743           | 745         | 747          | rBV      | 299            | 296           | 1.39%           | 0.213%        |
| 27        | 6.454       | 757           | 760         | 761          | rVB      | 367            | 290           | 1.36%           | 0.209%        |
| 28        | 6.472       | 761           | 763         | 767          | rVB2     | 199            | 271           | 1.28%           | 0.195%        |
| 29        | 6.673       | 793           | 796         | 799          | rBV3     | 202            | 298           | 1.40%           | 0.214%        |
| 30        | 6.972       | 835           | 845         | 853          | rBV3     | 1760           | 5049          | 23.76%          | 3.631%        |
| 31        | 7.051       | 855           | 858         | 861          | rBV2     | 280            | 383           | 1.80%           | 0.275%        |
| 32        | 7.204       | 882           | 883         | 887          | rVB2     | 315            | 333           | 1.57%           | 0.239%        |
| 33        | 7.246       | 887           | 890         | 893          | rVB2     | 377            | 349           | 1.64%           | 0.251%        |
| 34        | 7.307       | 893           | 900         | 903          | rBV3     | 300            | 458           | 2.15%           | 0.329%        |
| 35        | 7.710       | 961           | 966         | 972          | rBV3     | 1072           | 2291          | 10.78%          | 1.647%        |
| 36        | 7.783       | 972           | 978         | 987          | rVB3     | 3878           | 8697          | 40.92%          | 6.254%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092322\  
 Data File : VY010642.D  
 Acq On : 23 Sep 2022 12:39  
 Operator : KP/MD  
 Sample : N4723-19  
 Misc : 5.07g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-29-6.5-7.0

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_Y\methods\82Y091922S.M  
 Title : SW846 8260

|    |        |      |      |      |      |       |       |         |         |
|----|--------|------|------|------|------|-------|-------|---------|---------|
| 37 | 8.094  | 1026 | 1029 | 1030 | rBV  | 243   | 308   | 1.45%   | 0.221%  |
| 38 | 8.143  | 1030 | 1037 | 1043 | rVV3 | 3196  | 6915  | 32.54%  | 4.972%  |
| 39 | 8.502  | 1095 | 1096 | 1099 | rVB2 | 347   | 279   | 1.31%   | 0.201%  |
| 40 | 8.563  | 1102 | 1106 | 1107 | rBV2 | 259   | 274   | 1.29%   | 0.197%  |
| 41 | 8.685  | 1118 | 1126 | 1133 | rBV  | 7956  | 14306 | 67.31%  | 10.287% |
| 42 | 8.886  | 1156 | 1159 | 1162 | rVB2 | 223   | 317   | 1.49%   | 0.228%  |
| 43 | 9.020  | 1176 | 1181 | 1183 | rVB  | 285   | 320   | 1.51%   | 0.230%  |
| 44 | 9.057  | 1183 | 1187 | 1192 | rBV  | 271   | 364   | 1.71%   | 0.262%  |
| 45 | 9.478  | 1254 | 1256 | 1261 | rVB2 | 289   | 402   | 1.89%   | 0.289%  |
| 46 | 9.539  | 1261 | 1266 | 1267 | rBV2 | 223   | 283   | 1.33%   | 0.203%  |
| 47 | 9.837  | 1312 | 1315 | 1317 | rBV2 | 312   | 365   | 1.72%   | 0.262%  |
| 48 | 10.179 | 1364 | 1371 | 1378 | rVB  | 8978  | 15607 | 73.43%  | 11.223% |
| 49 | 10.240 | 1378 | 1381 | 1383 | rBV2 | 323   | 413   | 1.94%   | 0.297%  |
| 50 | 10.398 | 1404 | 1407 | 1408 | rBV2 | 331   | 288   | 1.36%   | 0.207%  |
| 51 | 10.478 | 1417 | 1420 | 1422 | rBV2 | 260   | 323   | 1.52%   | 0.232%  |
| 52 | 10.618 | 1441 | 1443 | 1446 | rBV2 | 282   | 296   | 1.39%   | 0.213%  |
| 53 | 10.709 | 1457 | 1458 | 1463 | rBV2 | 329   | 454   | 2.14%   | 0.326%  |
| 54 | 10.874 | 1483 | 1485 | 1488 | rBV3 | 291   | 405   | 1.91%   | 0.291%  |
| 55 | 10.947 | 1493 | 1497 | 1500 | rBV3 | 910   | 1555  | 7.32%   | 1.118%  |
| 56 | 11.020 | 1507 | 1509 | 1512 | rBV3 | 440   | 436   | 2.05%   | 0.314%  |
| 57 | 11.264 | 1547 | 1549 | 1554 | rVB3 | 204   | 278   | 1.31%   | 0.200%  |
| 58 | 11.380 | 1563 | 1568 | 1570 | rBV2 | 274   | 352   | 1.66%   | 0.253%  |
| 59 | 11.490 | 1580 | 1586 | 1593 | rVB  | 13054 | 21254 | 100.00% | 15.283% |
| 60 | 11.624 | 1604 | 1608 | 1609 | rBV2 | 269   | 288   | 1.36%   | 0.207%  |
| 61 | 11.709 | 1616 | 1622 | 1627 | rBB4 | 504   | 1019  | 4.79%   | 0.733%  |
| 62 | 11.849 | 1640 | 1645 | 1649 | rBV3 | 258   | 452   | 2.13%   | 0.325%  |
| 63 | 11.880 | 1649 | 1650 | 1657 | rVB2 | 316   | 412   | 1.94%   | 0.296%  |
| 64 | 12.032 | 1671 | 1675 | 1677 | rBV2 | 387   | 491   | 2.31%   | 0.353%  |
| 65 | 12.483 | 1744 | 1749 | 1754 | rVB2 | 6130  | 9126  | 42.94%  | 6.562%  |
| 66 | 12.605 | 1766 | 1769 | 1771 | rVB2 | 426   | 358   | 1.68%   | 0.257%  |
| 67 | 12.666 | 1775 | 1779 | 1781 | rBV2 | 474   | 603   | 2.84%   | 0.434%  |
| 68 | 12.758 | 1790 | 1794 | 1799 | rVB3 | 326   | 575   | 2.71%   | 0.413%  |
| 69 | 12.806 | 1799 | 1802 | 1804 | rBV2 | 486   | 575   | 2.71%   | 0.413%  |
| 70 | 12.904 | 1815 | 1818 | 1819 | rBV  | 328   | 351   | 1.65%   | 0.252%  |
| 71 | 12.941 | 1821 | 1824 | 1825 | rBV3 | 305   | 364   | 1.71%   | 0.262%  |
| 72 | 12.977 | 1828 | 1830 | 1833 | rBV2 | 350   | 408   | 1.92%   | 0.293%  |
| 73 | 13.069 | 1843 | 1845 | 1847 | rBV2 | 267   | 306   | 1.44%   | 0.220%  |
| 74 | 13.258 | 1873 | 1876 | 1877 | rBV  | 415   | 349   | 1.64%   | 0.251%  |
| 75 | 13.337 | 1887 | 1889 | 1891 | rVB  | 320   | 278   | 1.31%   | 0.200%  |
| 76 | 13.367 | 1891 | 1894 | 1898 | rBV4 | 490   | 758   | 3.57%   | 0.545%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092322\  
 Data File : VY010642.D  
 Acq On : 23 Sep 2022 12:39  
 Operator : KP/MD  
 Sample : N4723-19  
 Misc : 5.07g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-29-6.5-7.0

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % 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\_Y\methods\82Y091922S.M  
 Title : SW846 8260

|     |        |      |      |      |      |      |       |        |        |
|-----|--------|------|------|------|------|------|-------|--------|--------|
| 77  | 13.428 | 1898 | 1904 | 1909 | rBV  | 7460 | 11961 | 56.28% | 8.601% |
| 78  | 13.507 | 1914 | 1917 | 1918 | rBV2 | 235  | 274   | 1.29%  | 0.197% |
| 79  | 13.550 | 1920 | 1924 | 1926 | rBV3 | 241  | 359   | 1.69%  | 0.258% |
| 80  | 13.696 | 1945 | 1948 | 1951 | rVV3 | 357  | 391   | 1.84%  | 0.281% |
| 81  | 13.745 | 1951 | 1956 | 1960 | rVB3 | 438  | 713   | 3.35%  | 0.513% |
| 82  | 14.007 | 1997 | 1999 | 2002 | rVB2 | 453  | 323   | 1.52%  | 0.232% |
| 83  | 14.404 | 2060 | 2064 | 2067 | rBV2 | 429  | 594   | 2.79%  | 0.427% |
| 84  | 14.550 | 2084 | 2088 | 2091 | rBV2 | 390  | 587   | 2.76%  | 0.422% |
| 85  | 14.611 | 2094 | 2098 | 2102 | rBV2 | 328  | 631   | 2.97%  | 0.454% |
| 86  | 14.690 | 2107 | 2111 | 2113 | rBV3 | 314  | 448   | 2.11%  | 0.322% |
| 87  | 14.800 | 2128 | 2129 | 2132 | rBV  | 364  | 318   | 1.50%  | 0.229% |
| 88  | 14.928 | 2146 | 2150 | 2151 | rBV2 | 396  | 417   | 1.96%  | 0.300% |
| 89  | 15.001 | 2161 | 2162 | 2163 | rBV  | 578  | 306   | 1.44%  | 0.220% |
| 90  | 15.099 | 2175 | 2178 | 2180 | rBV2 | 196  | 273   | 1.28%  | 0.196% |
| 91  | 15.160 | 2186 | 2188 | 2189 | rBV  | 405  | 291   | 1.37%  | 0.209% |
| 92  | 15.196 | 2192 | 2194 | 2196 | rBV3 | 444  | 455   | 2.14%  | 0.327% |
| 93  | 15.227 | 2196 | 2199 | 2201 | rBV3 | 520  | 533   | 2.51%  | 0.383% |
| 94  | 15.422 | 2229 | 2231 | 2236 | rVB5 | 451  | 562   | 2.64%  | 0.404% |
| 95  | 15.538 | 2247 | 2250 | 2252 | rVB2 | 427  | 404   | 1.90%  | 0.291% |
| 96  | 15.568 | 2252 | 2255 | 2257 | rBV3 | 371  | 503   | 2.37%  | 0.362% |
| 97  | 15.824 | 2294 | 2297 | 2298 | rBV2 | 607  | 575   | 2.71%  | 0.413% |
| 98  | 15.891 | 2307 | 2308 | 2311 | rBV2 | 514  | 625   | 2.94%  | 0.449% |
| 99  | 16.434 | 2395 | 2397 | 2400 | rBV2 | 560  | 745   | 3.51%  | 0.536% |
| 100 | 16.769 | 2450 | 2452 | 2455 | rVB4 | 382  | 312   | 1.47%  | 0.224% |

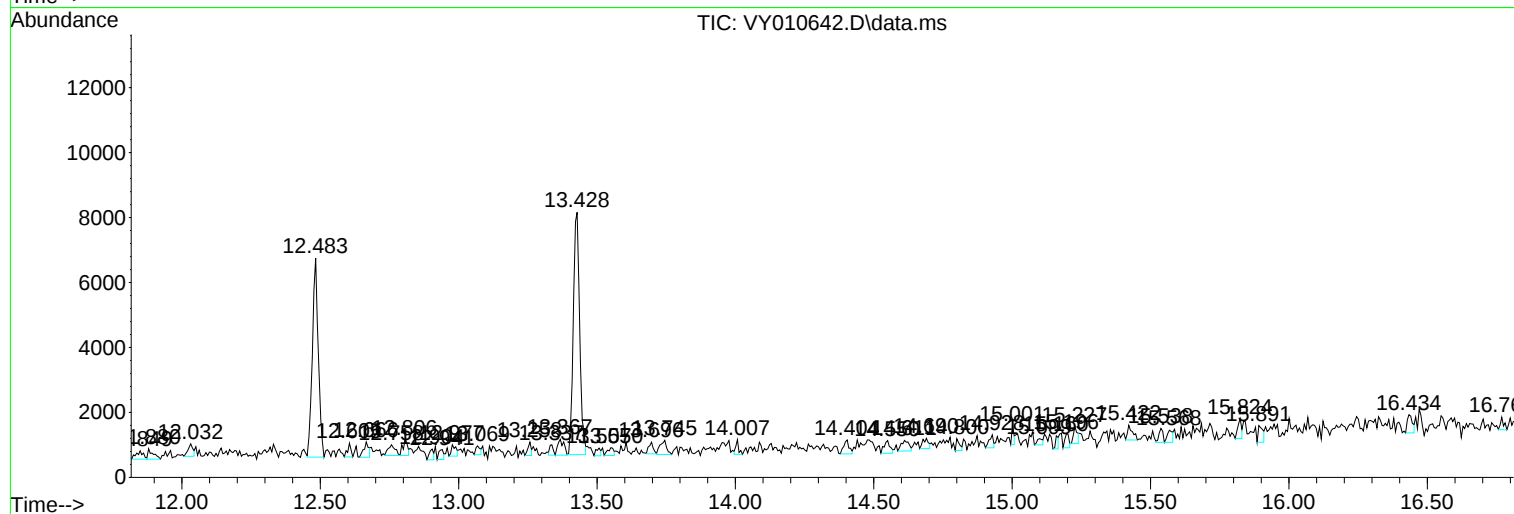
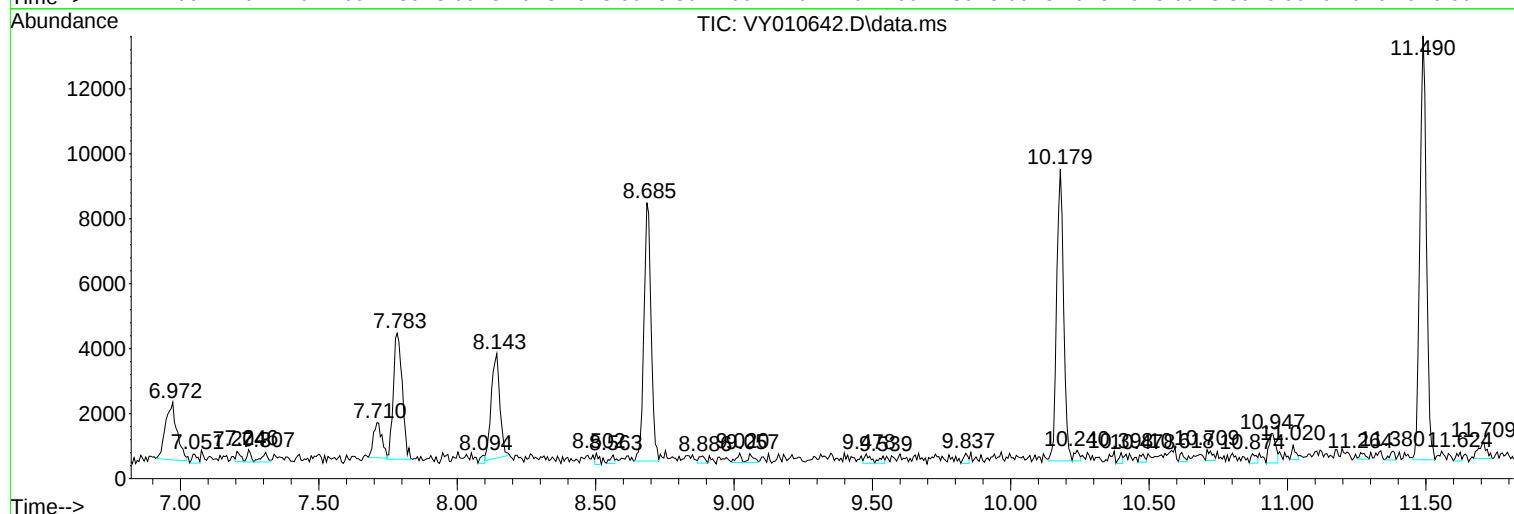
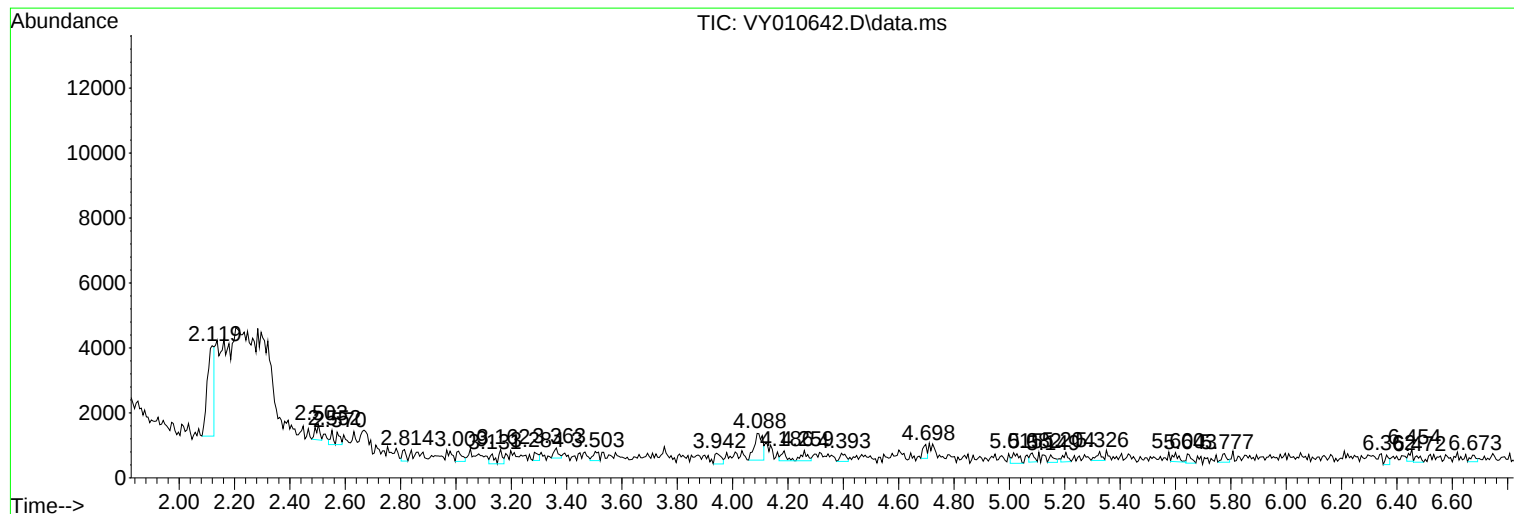
Sum of corrected areas: 139067

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092322\  
Data File : VY010642.D  
Acq On : 23 Sep 2022 12:39  
Operator : KP/MD  
Sample : N4723-19  
Misc : 5.07g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-29-6.5-7.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092322\  
Data File : VY010642.D  
Acq On : 23 Sep 2022 12:39  
Operator : KP/MD  
Sample : N4723-19  
Misc : 5.07g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-29-6.5-7.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
Quant Title : SW846 8260

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092322\  
Data File : VY010642.D  
Acq On : 23 Sep 2022 12:39  
Operator : KP/MD  
Sample : N4723-19  
Misc : 5.07g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-29-6.5-7.0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091922S.M  
Quant Title : SW846 8260

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

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