

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
 Data File : VV036584.D  
 Acq On : 17 Jul 2024 11:16  
 Operator : SY/MD  
 Sample : P3238-21  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4DA4

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\_V\Method\SFAMVLM071124SMA.M

Title : VOC Analysis

Signal : TIC: VV036584.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         | 1.272       | 66            | 72          | 91           | rVB      | 228255         | 250545        | 16.96%          | 2.268%        |
| 2         | 1.526       | 144           | 151         | 168          | rVB      | 204401         | 244688        | 16.56%          | 2.215%        |
| 3         | 2.050       | 305           | 314         | 331          | rVB      | 446444         | 642144        | 43.46%          | 5.812%        |
| 4         | 2.439       | 425           | 435         | 455          | rVB      | 55702          | 92811         | 6.28%           | 0.840%        |
| 5         | 2.609       | 486           | 488         | 493          | rVB2     | 197            | 149           | 0.01%           | 0.001%        |
| 6         | 2.860       | 563           | 566         | 571          | rBV2     | 298            | 174           | 0.01%           | 0.002%        |
| 7         | 2.886       | 571           | 574         | 578          | rVB2     | 363            | 183           | 0.01%           | 0.002%        |
| 8         | 2.912       | 578           | 582         | 585          | rBV3     | 264            | 267           | 0.02%           | 0.002%        |
| 9         | 2.953       | 588           | 595         | 596          | rBV2     | 1733           | 1458          | 0.10%           | 0.013%        |
| 10        | 3.105       | 639           | 642         | 650          | rVB2     | 210            | 214           | 0.01%           | 0.002%        |
| 11        | 3.146       | 650           | 655         | 658          | rBV2     | 143            | 149           | 0.01%           | 0.001%        |
| 12        | 3.166       | 658           | 661         | 664          | rBV2     | 229            | 129           | 0.01%           | 0.001%        |
| 13        | 3.201       | 668           | 672         | 676          | rBV2     | 245            | 221           | 0.01%           | 0.002%        |
| 14        | 3.233       | 680           | 682         | 686          | rVB2     | 266            | 199           | 0.01%           | 0.002%        |
| 15        | 3.259       | 686           | 690         | 691          | rBV2     | 225            | 127           | 0.01%           | 0.001%        |
| 16        | 3.371       | 722           | 725         | 729          | rVB2     | 182            | 139           | 0.01%           | 0.001%        |
| 17        | 3.449       | 746           | 749         | 753          | rVV2     | 141            | 118           | 0.01%           | 0.001%        |
| 18        | 3.523       | 768           | 772         | 774          | rBV2     | 132            | 111           | 0.01%           | 0.001%        |
| 19        | 3.741       | 838           | 840         | 845          | rBV2     | 222            | 152           | 0.01%           | 0.001%        |
| 20        | 3.773       | 845           | 850         | 852          | rBV2     | 178            | 160           | 0.01%           | 0.001%        |
| 21        | 3.851       | 863           | 874         | 887          | rBV2     | 9633           | 30238         | 2.05%           | 0.274%        |
| 22        | 4.240       | 979           | 995         | 1034         | rBV      | 261531         | 692957        | 46.90%          | 6.272%        |
| 23        | 4.642       | 1118          | 1120        | 1123         | rBV      | 216            | 165           | 0.01%           | 0.001%        |
| 24        | 4.847       | 1180          | 1184        | 1189         | rBV      | 214            | 186           | 0.01%           | 0.002%        |
| 25        | 4.876       | 1189          | 1193        | 1194         | rBV      | 345            | 176           | 0.01%           | 0.002%        |
| 26        | 4.892       | 1195          | 1198        | 1200         | rVB3     | 222            | 124           | 0.01%           | 0.001%        |
| 27        | 4.947       | 1200          | 1215        | 1245         | rBV2     | 575727         | 1457902       | 98.67%          | 13.195%       |
| 28        | 5.416       | 1359          | 1361        | 1366         | rVB3     | 388            | 243           | 0.02%           | 0.002%        |
| 29        | 5.526       | 1384          | 1395        | 1429         | rBV      | 575072         | 1189160       | 80.48%          | 10.763%       |
| 30        | 5.825       | 1479          | 1488        | 1519         | rVB3     | 23266          | 55554         | 3.76%           | 0.503%        |
| 31        | 5.931       | 1519          | 1521        | 1523         | rBV      | 462            | 325           | 0.02%           | 0.003%        |
| 32        | 5.982       | 1524          | 1537        | 1567         | rBV      | 329264         | 683055        | 46.23%          | 6.182%        |
| 33        | 6.275       | 1626          | 1628        | 1629         | rBV      | 473            | 238           | 0.02%           | 0.002%        |
| 34        | 6.333       | 1644          | 1646        | 1648         | rVB      | 332            | 130           | 0.01%           | 0.001%        |
| 35        | 6.391       | 1662          | 1664        | 1666         | rVB2     | 362            | 137           | 0.01%           | 0.001%        |
| 36        | 6.529       | 1703          | 1707        | 1710         | rBV      | 319            | 237           | 0.02%           | 0.002%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
 Data File : VV036584.D  
 Acq On : 17 Jul 2024 11:16  
 Operator : SY/MD  
 Sample : P3238-21  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4DA4

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\_V\Method\SFAMVLM071124SMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |         |         |         |
|----|--------|------|------|------|------|--------|---------|---------|---------|
| 37 | 6.558  | 1714 | 1716 | 1719 | rVV2 | 191    | 109     | 0.01%   | 0.001%  |
| 38 | 6.600  | 1726 | 1729 | 1732 | rVB  | 171    | 109     | 0.01%   | 0.001%  |
| 39 | 6.748  | 1773 | 1775 | 1777 | rBV  | 307    | 121     | 0.01%   | 0.001%  |
| 40 | 6.809  | 1791 | 1794 | 1796 | rVB  | 281    | 140     | 0.01%   | 0.001%  |
| 41 | 6.821  | 1796 | 1798 | 1803 | rBV2 | 232    | 140     | 0.01%   | 0.001%  |
| 42 | 6.908  | 1815 | 1825 | 1854 | rBV  | 117801 | 231829  | 15.69%  | 2.098%  |
| 43 | 7.108  | 1883 | 1887 | 1888 | rBV3 | 422    | 280     | 0.02%   | 0.003%  |
| 44 | 7.239  | 1915 | 1928 | 1953 | rBV  | 675966 | 1198499 | 81.11%  | 10.847% |
| 45 | 7.551  | 2016 | 2025 | 2048 | rBV  | 75286  | 144464  | 9.78%   | 1.307%  |
| 46 | 7.828  | 2109 | 2111 | 2113 | rVB3 | 367    | 157     | 0.01%   | 0.001%  |
| 47 | 7.873  | 2117 | 2125 | 2132 | rBV4 | 2028   | 3231    | 0.22%   | 0.029%  |
| 48 | 8.034  | 2167 | 2175 | 2203 | rBV  | 48632  | 118250  | 8.00%   | 1.070%  |
| 49 | 8.304  | 2256 | 2259 | 2263 | rBV3 | 386    | 273     | 0.02%   | 0.002%  |
| 50 | 8.432  | 2297 | 2299 | 2303 | rVB  | 332    | 200     | 0.01%   | 0.002%  |
| 51 | 8.490  | 2314 | 2317 | 2321 | rBV2 | 226    | 198     | 0.01%   | 0.002%  |
| 52 | 8.513  | 2321 | 2324 | 2325 | rBV2 | 203    | 123     | 0.01%   | 0.001%  |
| 53 | 8.606  | 2350 | 2353 | 2354 | rBV2 | 346    | 161     | 0.01%   | 0.001%  |
| 54 | 8.654  | 2364 | 2368 | 2370 | rBV2 | 385    | 282     | 0.02%   | 0.003%  |
| 55 | 8.738  | 2392 | 2394 | 2396 | rBV  | 253    | 136     | 0.01%   | 0.001%  |
| 56 | 8.780  | 2396 | 2407 | 2437 | rBV  | 908226 | 1477578 | 100.00% | 13.373% |
| 57 | 9.153  | 2519 | 2523 | 2526 | rBV2 | 499    | 448     | 0.03%   | 0.004%  |
| 58 | 9.252  | 2552 | 2554 | 2556 | rBV2 | 297    | 161     | 0.01%   | 0.001%  |
| 59 | 9.355  | 2583 | 2586 | 2587 | rBV2 | 226    | 149     | 0.01%   | 0.001%  |
| 60 | 9.423  | 2604 | 2607 | 2609 | rBV2 | 207    | 131     | 0.01%   | 0.001%  |
| 61 | 9.490  | 2626 | 2628 | 2631 | rBV2 | 401    | 244     | 0.02%   | 0.002%  |
| 62 | 9.538  | 2641 | 2643 | 2647 | rBV3 | 294    | 251     | 0.02%   | 0.002%  |
| 63 | 9.667  | 2679 | 2683 | 2684 | rBV  | 191    | 153     | 0.01%   | 0.001%  |
| 64 | 9.686  | 2686 | 2689 | 2691 | rBV  | 291    | 189     | 0.01%   | 0.002%  |
| 65 | 9.738  | 2702 | 2705 | 2708 | rVB2 | 323    | 200     | 0.01%   | 0.002%  |
| 66 | 9.825  | 2729 | 2732 | 2738 | rVB3 | 210    | 181     | 0.01%   | 0.002%  |
| 67 | 9.998  | 2783 | 2786 | 2789 | rVB2 | 241    | 142     | 0.01%   | 0.001%  |
| 68 | 10.072 | 2807 | 2809 | 2813 | rVB2 | 208    | 107     | 0.01%   | 0.001%  |
| 69 | 10.149 | 2821 | 2833 | 2862 | rBV  | 219339 | 349171  | 23.63%  | 3.160%  |
| 70 | 10.323 | 2882 | 2887 | 2894 | rVB3 | 2144   | 2448    | 0.17%   | 0.022%  |
| 71 | 10.390 | 2906 | 2908 | 2915 | rVB2 | 286    | 213     | 0.01%   | 0.002%  |
| 72 | 10.516 | 2942 | 2947 | 2954 | rVB4 | 459    | 624     | 0.04%   | 0.006%  |
| 73 | 10.558 | 2958 | 2960 | 2962 | rVB  | 277    | 112     | 0.01%   | 0.001%  |
| 74 | 10.641 | 2983 | 2986 | 2989 | rBV2 | 227    | 170     | 0.01%   | 0.002%  |
| 75 | 10.673 | 2993 | 2996 | 2999 | rVB2 | 198    | 137     | 0.01%   | 0.001%  |
| 76 | 10.738 | 3013 | 3016 | 3018 | rBV  | 158    | 125     | 0.01%   | 0.001%  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
 Data File : VV036584.D  
 Acq On : 17 Jul 2024 11:16  
 Operator : SY/MD  
 Sample : P3238-21  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4DA4

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\_V\Method\SFAMVLM071124SMA.M

Title : VOC Analysis

|     |        |      |      |      |      |        |         |        |         |
|-----|--------|------|------|------|------|--------|---------|--------|---------|
| 77  | 10.857 | 3048 | 3053 | 3062 | rVB3 | 412    | 541     | 0.04%  | 0.005%  |
| 78  | 10.950 | 3080 | 3082 | 3085 | rBV2 | 306    | 220     | 0.01%  | 0.002%  |
| 79  | 11.124 | 3132 | 3136 | 3143 | rBV4 | 1384   | 1702    | 0.12%  | 0.015%  |
| 80  | 11.181 | 3143 | 3154 | 3188 | rVV  | 754051 | 1179278 | 79.81% | 10.673% |
| 81  | 11.506 | 3253 | 3255 | 3257 | rBV2 | 313    | 146     | 0.01%  | 0.001%  |
| 82  | 11.558 | 3259 | 3271 | 3302 | rVV  | 614868 | 979976  | 66.32% | 8.869%  |
| 83  | 11.979 | 3399 | 3402 | 3404 | rBV2 | 340    | 217     | 0.01%  | 0.002%  |
| 84  | 12.024 | 3412 | 3416 | 3422 | rVB3 | 448    | 552     | 0.04%  | 0.005%  |
| 85  | 12.107 | 3437 | 3442 | 3445 | rBV3 | 389    | 453     | 0.03%  | 0.004%  |
| 86  | 12.162 | 3456 | 3459 | 3461 | rBV  | 269    | 170     | 0.01%  | 0.002%  |
| 87  | 12.390 | 3527 | 3530 | 3537 | rVB2 | 460    | 325     | 0.02%  | 0.003%  |
| 88  | 12.435 | 3541 | 3544 | 3547 | rVB3 | 345    | 235     | 0.02%  | 0.002%  |
| 89  | 12.538 | 3573 | 3576 | 3579 | rVB  | 359    | 243     | 0.02%  | 0.002%  |
| 90  | 12.567 | 3580 | 3585 | 3586 | rBV  | 252    | 189     | 0.01%  | 0.002%  |
| 91  | 12.583 | 3586 | 3590 | 3591 | rBV2 | 1084   | 637     | 0.04%  | 0.006%  |
| 92  | 12.828 | 3661 | 3666 | 3671 | rBV4 | 899    | 991     | 0.07%  | 0.009%  |
| 93  | 12.892 | 3684 | 3686 | 3688 | rBV  | 247    | 117     | 0.01%  | 0.001%  |
| 94  | 13.088 | 3744 | 3747 | 3749 | rBV  | 364    | 185     | 0.01%  | 0.002%  |
| 95  | 13.120 | 3755 | 3757 | 3758 | rBV  | 277    | 106     | 0.01%  | 0.001%  |
| 96  | 13.210 | 3779 | 3785 | 3796 | rVB2 | 1907   | 3230    | 0.22%  | 0.029%  |
| 97  | 13.664 | 3923 | 3926 | 3927 | rBV  | 363    | 179     | 0.01%  | 0.002%  |
| 98  | 13.686 | 3927 | 3933 | 3938 | rVV4 | 1726   | 2160    | 0.15%  | 0.020%  |
| 99  | 13.744 | 3949 | 3951 | 3952 | rBV  | 292    | 155     | 0.01%  | 0.001%  |
| 100 | 13.947 | 4009 | 4014 | 4015 | rBV3 | 457    | 345     | 0.02%  | 0.003%  |

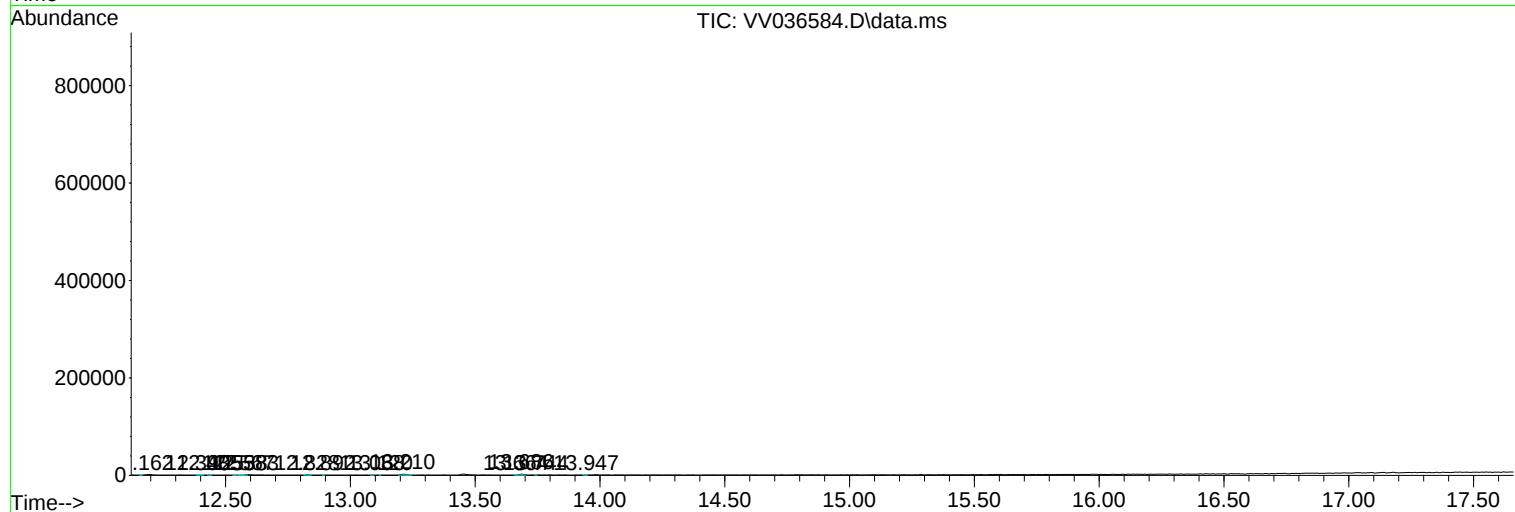
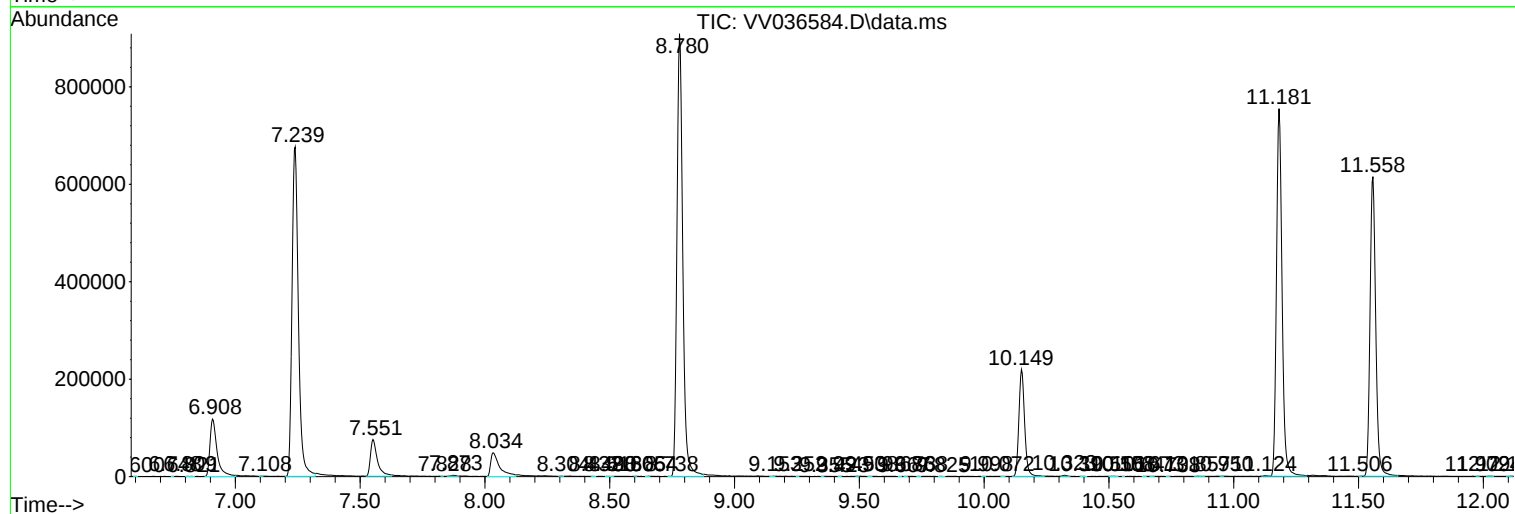
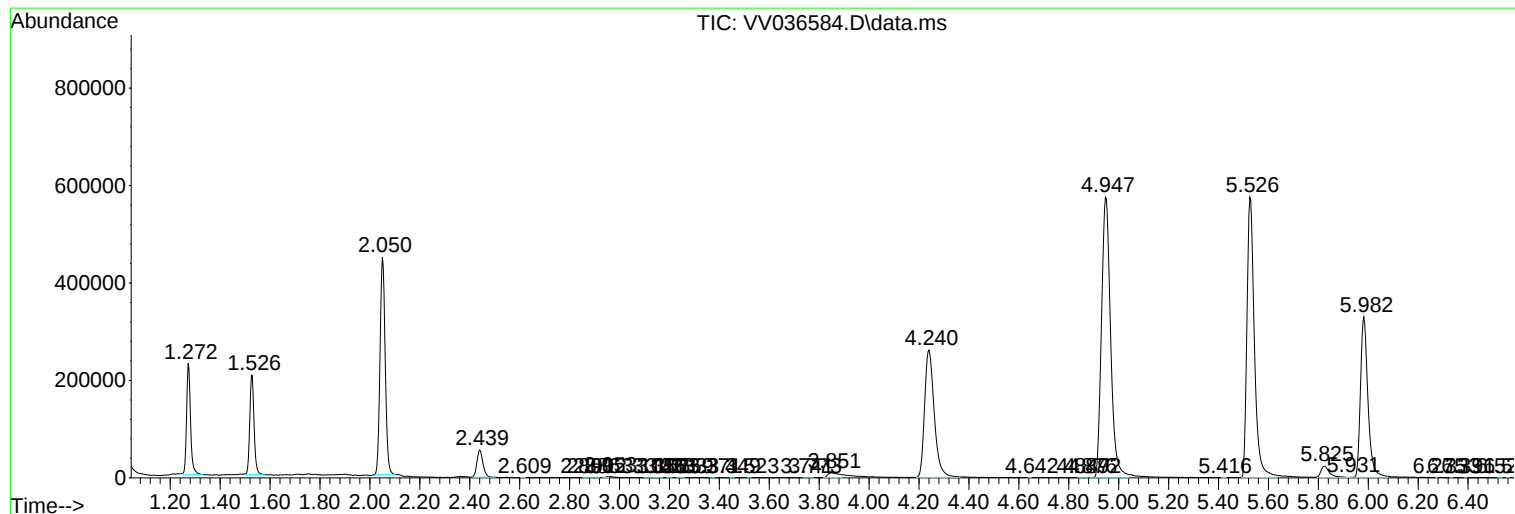
Sum of corrected areas: 11048953

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
Data File : VV036584.D  
Acq On : 17 Jul 2024 11:16  
Operator : SY/MD  
Sample : P3238-21  
Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
Data File : VV036584.D  
Acq On : 17 Jul 2024 11:16  
Operator : SY/MD  
Sample : P3238-21  
Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis

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

No Library Search Compounds Detected

\*\*\*\*\*

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV071724\  
Data File : VV036584.D  
Acq On : 17 Jul 2024 11:16  
Operator : SY/MD  
Sample : P3238-21  
Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/A  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
A4DA4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM071124SMA.M  
Quant Title : VOC Analysis

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

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