

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY031125\  
 Data File : VY021485.D  
 Acq On : 11 Mar 2025 14:45  
 Operator : SY/MD  
 Sample : Q1535-01  
 Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SU-03-03102025

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\82Y030425S.M

Title : SW846 8260

Signal : TIC: VY021485.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         | 2.007       | 44            | 47          | 52           | rVB4     | 648            | 941           | 4.26%           | 0.693%        |
| 2         | 2.086       | 54            | 60          | 64           | rBV5     | 2172           | 4991          | 22.59%          | 3.674%        |
| 3         | 2.166       | 71            | 73          | 80           | rVB4     | 2607           | 3979          | 18.01%          | 2.929%        |
| 4         | 2.385       | 107           | 109         | 113          | rBV3     | 680            | 738           | 3.34%           | 0.543%        |
| 5         | 2.525       | 129           | 132         | 137          | rVB      | 803            | 1309          | 5.92%           | 0.963%        |
| 6         | 2.611       | 143           | 146         | 148          | rBV2     | 941            | 1213          | 5.49%           | 0.893%        |
| 7         | 2.806       | 172           | 178         | 182          | rVB3     | 454            | 719           | 3.25%           | 0.529%        |
| 8         | 3.019       | 210           | 213         | 217          | rBV2     | 451            | 701           | 3.17%           | 0.516%        |
| 9         | 3.446       | 281           | 283         | 286          | rBV3     | 547            | 703           | 3.18%           | 0.517%        |
| 10        | 3.519       | 290           | 295         | 296          | rBV3     | 529            | 602           | 2.72%           | 0.443%        |
| 11        | 4.183       | 400           | 404         | 406          | rBV      | 645            | 798           | 3.61%           | 0.587%        |
| 12        | 4.604       | 467           | 473         | 474          | rBV3     | 882            | 1107          | 5.01%           | 0.815%        |
| 13        | 4.811       | 502           | 507         | 508          | rBV3     | 627            | 717           | 3.25%           | 0.528%        |
| 14        | 4.915       | 520           | 524         | 526          | rBV2     | 478            | 696           | 3.15%           | 0.512%        |
| 15        | 5.116       | 553           | 557         | 560          | rVB3     | 430            | 694           | 3.14%           | 0.511%        |
| 16        | 6.067       | 710           | 713         | 717          | rBV3     | 592            | 1127          | 5.10%           | 0.830%        |
| 17        | 6.537       | 788           | 790         | 795          | rBV2     | 419            | 704           | 3.19%           | 0.518%        |
| 18        | 6.604       | 800           | 801         | 808          | rVB2     | 453            | 682           | 3.09%           | 0.502%        |
| 19        | 6.762       | 824           | 827         | 831          | rVB2     | 452            | 792           | 3.58%           | 0.583%        |
| 20        | 6.823       | 834           | 837         | 840          | rBV2     | 381            | 641           | 2.90%           | 0.472%        |
| 21        | 7.085       | 875           | 880         | 881          | rBV3     | 593            | 794           | 3.59%           | 0.584%        |
| 22        | 7.634       | 962           | 970         | 976          | rBV4     | 3269           | 7773          | 35.18%          | 5.721%        |
| 23        | 7.707       | 976           | 982         | 988          | rVB4     | 5766           | 11665         | 52.79%          | 8.586%        |
| 24        | 7.982       | 1026          | 1027        | 1031         | rVB2     | 667            | 679           | 3.07%           | 0.500%        |
| 25        | 8.061       | 1031          | 1040        | 1047         | rBV3     | 4654           | 12046         | 54.52%          | 8.866%        |
| 26        | 8.616       | 1125          | 1131        | 1141         | rVB      | 8197           | 17601         | 79.66%          | 12.955%       |
| 27        | 8.884       | 1172          | 1175        | 1179         | rVB2     | 483            | 670           | 3.03%           | 0.493%        |
| 28        | 9.414       | 1257          | 1262        | 1263         | rBV      | 622            | 616           | 2.79%           | 0.453%        |
| 29        | 10.109      | 1369          | 1376        | 1383         | rBV2     | 12181          | 22095         | 100.00%         | 16.263%       |
| 30        | 10.768      | 1482          | 1484        | 1488         | rBV4     | 494            | 601           | 2.72%           | 0.442%        |
| 31        | 11.103      | 1537          | 1539        | 1542         | rVB2     | 685            | 676           | 3.06%           | 0.498%        |
| 32        | 11.146      | 1542          | 1546        | 1550         | rBV2     | 555            | 930           | 4.21%           | 0.685%        |
| 33        | 11.237      | 1558          | 1561        | 1563         | rBV2     | 728            | 957           | 4.33%           | 0.704%        |
| 34        | 11.420      | 1584          | 1591        | 1598         | rBV      | 8357           | 14743         | 66.73%          | 10.851%       |
| 35        | 11.646      | 1625          | 1628        | 1630         | rBV2     | 671            | 913           | 4.13%           | 0.672%        |
| 36        | 11.993      | 1682          | 1685        | 1688         | rVB3     | 535            | 699           | 3.16%           | 0.514%        |

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Misc : 5.05g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SU-03-03102025

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M

Title : SW846 8260

|    |        |      |      |      |      |      |      |        |        |
|----|--------|------|------|------|------|------|------|--------|--------|
| 37 | 12.408 | 1749 | 1753 | 1761 | rVB6 | 3126 | 5707 | 25.83% | 4.201% |
| 38 | 12.469 | 1761 | 1763 | 1766 | rBV2 | 475  | 596  | 2.70%  | 0.439% |
| 39 | 13.353 | 1901 | 1908 | 1914 | rVB4 | 2514 | 4373 | 19.79% | 3.219% |
| 40 | 14.011 | 2013 | 2016 | 2018 | rBV2 | 815  | 763  | 3.45%  | 0.562% |
| 41 | 14.425 | 2078 | 2084 | 2087 | rVB3 | 597  | 825  | 3.73%  | 0.607% |
| 42 | 14.456 | 2087 | 2089 | 2093 | rBV  | 588  | 744  | 3.37%  | 0.548% |
| 43 | 14.633 | 2114 | 2118 | 2122 | rVB4 | 697  | 1190 | 5.39%  | 0.876% |
| 44 | 14.925 | 2161 | 2166 | 2169 | rVB3 | 525  | 1005 | 4.55%  | 0.740% |
| 45 | 15.181 | 2204 | 2208 | 2212 | rVB2 | 736  | 926  | 4.19%  | 0.682% |
| 46 | 16.200 | 2370 | 2375 | 2377 | rVB2 | 674  | 1094 | 4.95%  | 0.805% |
| 47 | 16.224 | 2377 | 2379 | 2381 | rVB2 | 682  | 680  | 3.08%  | 0.501% |
| 48 | 16.248 | 2381 | 2383 | 2385 | rBV  | 677  | 648  | 2.93%  | 0.477% |

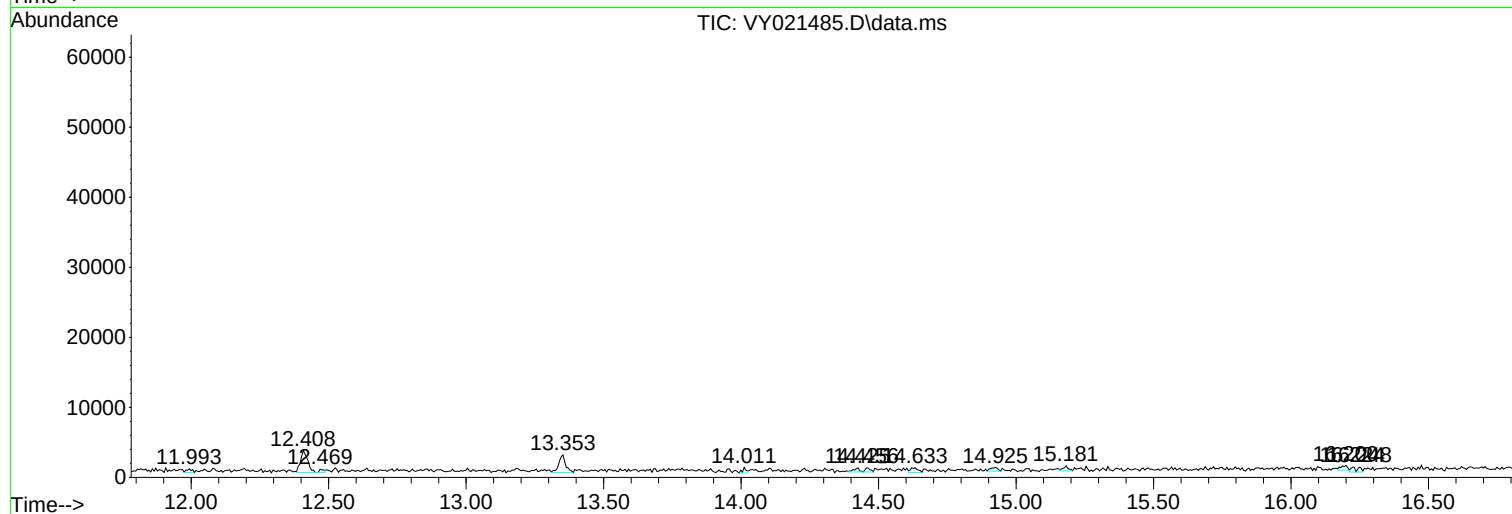
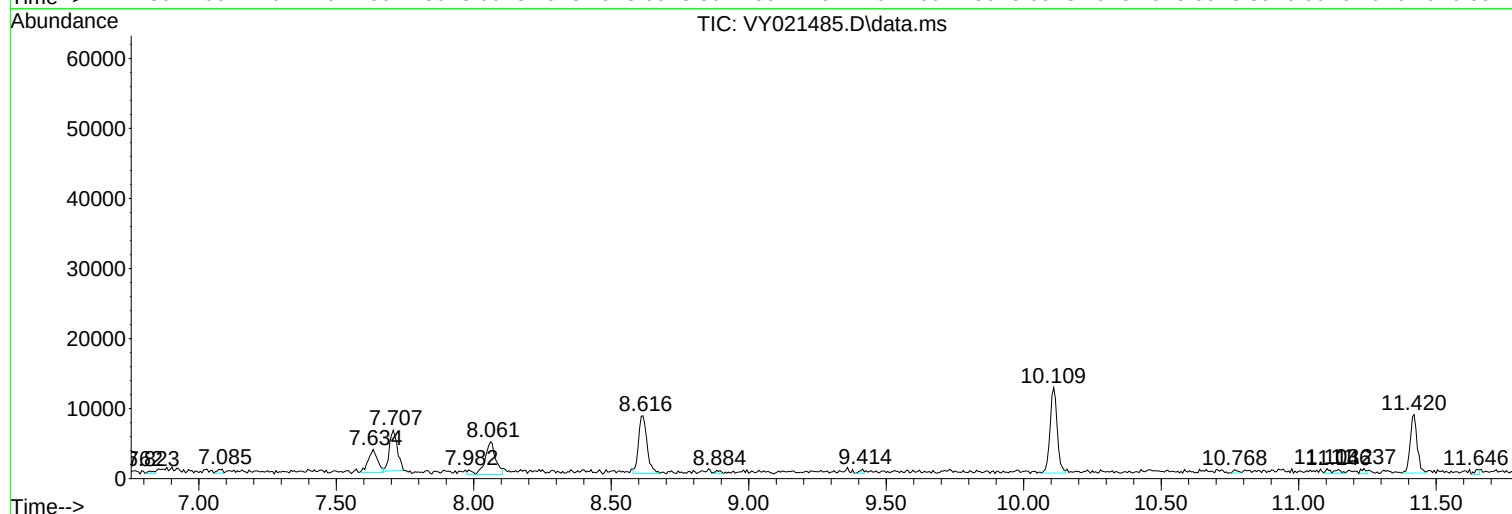
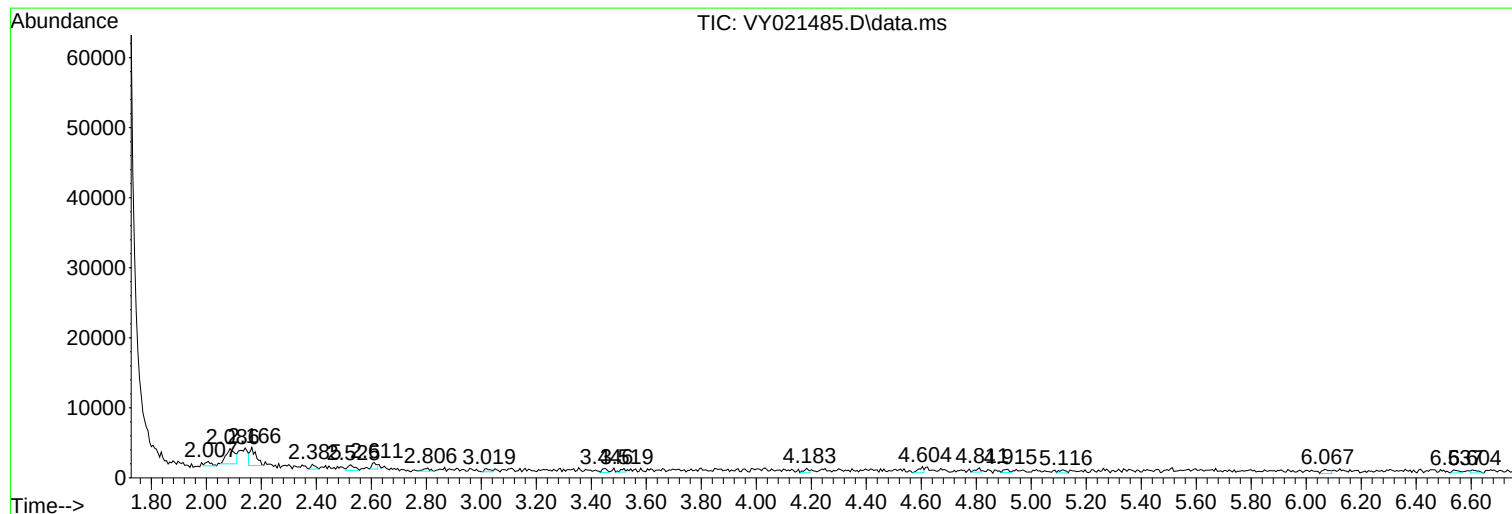
Sum of corrected areas: 135863

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Instrument :  
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SU-03-03102025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
Quant Title : SW846 8260

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



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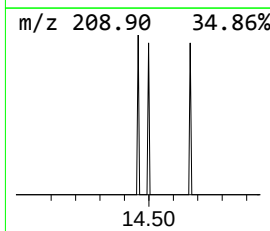
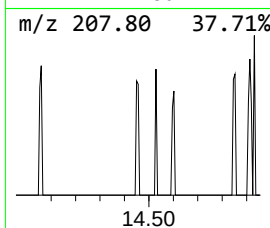
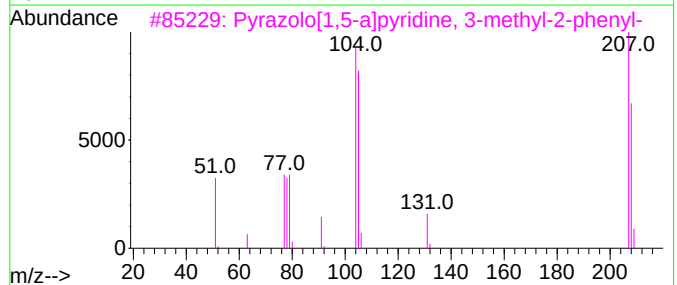
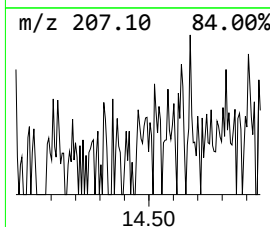
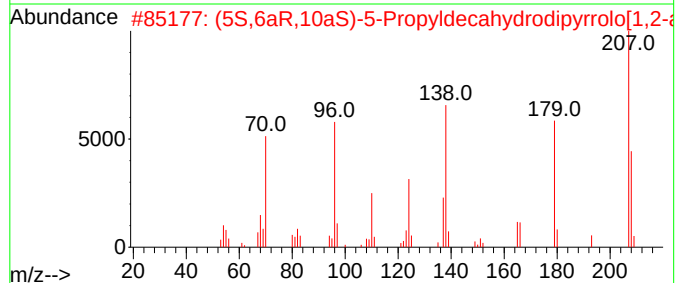
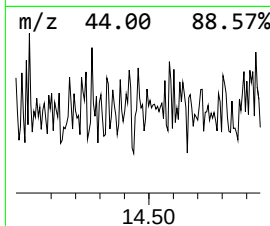
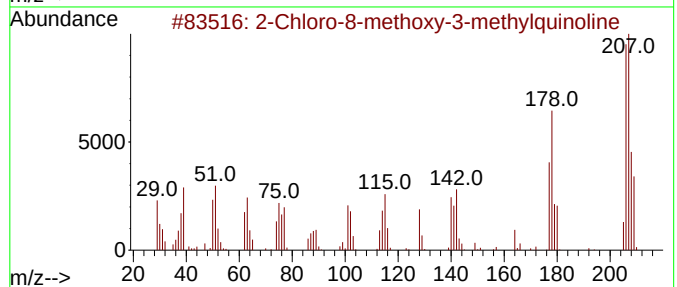
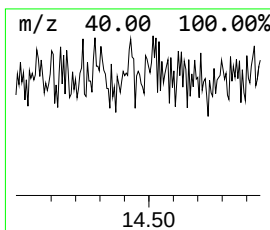
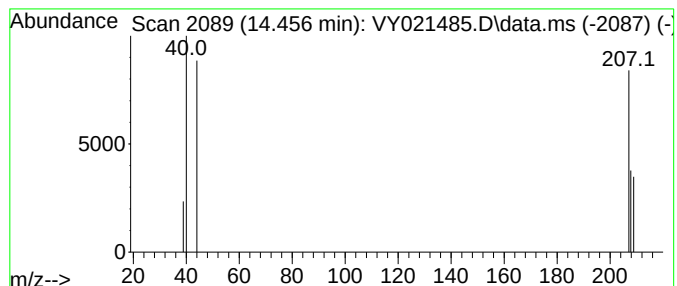
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
Quant Title : SW846 8260

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

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Peak Number 5 unknown14.456 Concentration Rank 9

| R.T.   | EstConc   | Area | Relative to ISTD       | R.T.   |
|--------|-----------|------|------------------------|--------|
| 14.456 | 8.51 ug/l | 744  | 1,4-Dichlorobenzene-d4 | 13.346 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 2-Chloro-8-methoxy-3-methylquino... | 207 | C11H10ClNO | 132118-31-1  | 38   |
| 2    |    |   | (5S,6aR,10aS)-5-Propyldecahydrod... | 208 | C13H24N2   | 172139-30-9  | 5    |
| 3    |    |   | Pyrazolo[1,5-a]pyridine, 3-methy... | 208 | C14H12N2   | 017408-32-1  | 5    |
| 4    |    |   | Ethanediamide, N(1)-(1,3-benzodi... | 208 | C9H8N2O4   | 1000351-43-9 | 5    |
| 5    |    |   | 1H-Pyrrole-2,5-dione, 1-(4-chlor... | 207 | C10H6ClNO2 | 001631-29-4  | 5    |



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TIC Integration Parameters: LSCINT.P

| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |      |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|------|------|
|                  |        |         |       |          | #                     | RT     | Resp | Conc |
| unknown14.456    | 14.456 | 8.5     | ug/l  | 744      | 4                     | 13.346 | 4373 | 50.0 |