

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081523\  
 Data File : VY015107.D  
 Acq On : 15 Aug 2023 16:42  
 Operator : SY/MD  
 Sample : 04003-01  
 Misc : 5.04g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TR-05-081423

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\82Y081423S.M  
 Title : SW846 8260

Signal : TIC: VY015107.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         | 1.918       | 11            | 16          | 19           | rBV2     | 259            | 481           | 1.05%           | 0.139%        |
| 2         | 2.016       | 27            | 32          | 34           | rBV2     | 278            | 478           | 1.05%           | 0.139%        |
| 3         | 2.125       | 43            | 50          | 51           | rBV3     | 1625           | 2755          | 6.03%           | 0.799%        |
| 4         | 2.174       | 57            | 58          | 60           | rBV      | 576            | 463           | 1.01%           | 0.134%        |
| 5         | 2.296       | 77            | 78          | 84           | rVB2     | 738            | 610           | 1.34%           | 0.177%        |
| 6         | 2.400       | 93            | 95          | 99           | rVB3     | 621            | 729           | 1.60%           | 0.211%        |
| 7         | 2.436       | 99            | 101         | 102          | rBV2     | 618            | 512           | 1.12%           | 0.148%        |
| 8         | 2.656       | 134           | 137         | 147          | rVB3     | 1201           | 2657          | 5.82%           | 0.770%        |
| 9         | 3.942       | 343           | 348         | 351          | rBV2     | 806            | 1537          | 3.37%           | 0.446%        |
| 10        | 4.192       | 385           | 389         | 392          | rBV2     | 559            | 1034          | 2.26%           | 0.300%        |
| 11        | 4.692       | 467           | 471         | 472          | rBV2     | 1508           | 1777          | 3.89%           | 0.515%        |
| 12        | 4.710       | 472           | 474         | 483          | rVV4     | 2113           | 3819          | 8.36%           | 1.107%        |
| 13        | 5.741       | 636           | 643         | 645          | rBV5     | 673            | 1353          | 2.96%           | 0.392%        |
| 14        | 6.966       | 834           | 844         | 856          | rVV      | 13029          | 39640         | 86.80%          | 11.492%       |
| 15        | 7.045       | 856           | 857         | 860          | rVV3     | 752            | 719           | 1.57%           | 0.208%        |
| 16        | 7.502       | 925           | 932         | 935          | rBV3     | 396            | 746           | 1.63%           | 0.216%        |
| 17        | 7.716       | 960           | 967         | 973          | rBV3     | 5027           | 12069         | 26.43%          | 3.499%        |
| 18        | 7.789       | 973           | 979         | 988          | rVB2     | 13293          | 27824         | 60.92%          | 8.067%        |
| 19        | 8.136       | 1025          | 1036        | 1046         | rBV3     | 7009           | 17611         | 38.56%          | 5.106%        |
| 20        | 8.685       | 1118          | 1126        | 1134         | rBV      | 17484          | 33752         | 73.90%          | 9.785%        |
| 21        | 10.179      | 1364          | 1371        | 1379         | rBV      | 26047          | 45670         | 100.00%         | 13.240%       |
| 22        | 10.581      | 1431          | 1437        | 1443         | rBV2     | 2300           | 4203          | 9.20%           | 1.219%        |
| 23        | 10.953      | 1495          | 1498        | 1501         | rVB3     | 382            | 537           | 1.18%           | 0.156%        |
| 24        | 11.099      | 1519          | 1522        | 1526         | rBV2     | 345            | 567           | 1.24%           | 0.164%        |
| 25        | 11.313      | 1554          | 1557        | 1562         | rBV4     | 1003           | 1633          | 3.58%           | 0.473%        |
| 26        | 11.490      | 1580          | 1586        | 1594         | rVB2     | 23850          | 40467         | 88.61%          | 11.732%       |
| 27        | 11.599      | 1600          | 1604        | 1607         | rVB3     | 432            | 617           | 1.35%           | 0.179%        |
| 28        | 11.709      | 1616          | 1622        | 1625         | rBV3     | 441            | 1040          | 2.28%           | 0.302%        |
| 29        | 12.026      | 1669          | 1674        | 1679         | rBV2     | 408            | 823           | 1.80%           | 0.239%        |
| 30        | 12.483      | 1743          | 1749        | 1757         | rVB2     | 24171          | 41817         | 91.56%          | 12.123%       |
| 31        | 12.855      | 1806          | 1810        | 1814         | rVB3     | 347            | 634           | 1.39%           | 0.184%        |
| 32        | 13.123      | 1851          | 1854        | 1857         | rVV2     | 457            | 564           | 1.23%           | 0.164%        |
| 33        | 13.190      | 1860          | 1865        | 1870         | rBV3     | 575            | 1078          | 2.36%           | 0.313%        |
| 34        | 13.422      | 1898          | 1903        | 1911         | rBV2     | 23523          | 37638         | 82.41%          | 10.912%       |
| 35        | 13.635      | 1934          | 1938        | 1941         | rVB4     | 805            | 973           | 2.13%           | 0.282%        |
| 36        | 13.666      | 1941          | 1943        | 1945         | rBV2     | 385            | 478           | 1.05%           | 0.139%        |

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 MSVOA\_Y  
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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\82Y081423S.M  
 Title : SW846 8260

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 13.751 | 1953 | 1957 | 1960 | rBV2 | 704  | 881  | 1.93% | 0.255% |
| 38 | 13.965 | 1982 | 1992 | 1996 | rBV2 | 994  | 2016 | 4.41% | 0.584% |
| 39 | 14.324 | 2050 | 2051 | 2054 | rVB  | 561  | 527  | 1.15% | 0.153% |
| 40 | 14.666 | 2102 | 2107 | 2112 | rBV3 | 528  | 792  | 1.73% | 0.230% |
| 41 | 15.093 | 2174 | 2177 | 2180 | rBV2 | 521  | 849  | 1.86% | 0.246% |
| 42 | 15.153 | 2182 | 2187 | 2190 | rBV3 | 370  | 577  | 1.26% | 0.167% |
| 43 | 15.239 | 2197 | 2201 | 2203 | rBV2 | 719  | 1020 | 2.23% | 0.296% |
| 44 | 15.312 | 2209 | 2213 | 2218 | rBV3 | 2159 | 3224 | 7.06% | 0.935% |
| 45 | 15.501 | 2241 | 2244 | 2245 | rBV3 | 452  | 547  | 1.20% | 0.159% |
| 46 | 15.751 | 2282 | 2285 | 2290 | rVV3 | 545  | 969  | 2.12% | 0.281% |
| 47 | 15.873 | 2302 | 2305 | 2309 | rVB4 | 586  | 670  | 1.47% | 0.194% |
| 48 | 15.952 | 2315 | 2318 | 2320 | rBV3 | 474  | 517  | 1.13% | 0.150% |
| 49 | 16.001 | 2325 | 2326 | 2331 | rBV2 | 754  | 1021 | 2.24% | 0.296% |
| 50 | 16.172 | 2350 | 2354 | 2356 | rVB4 | 532  | 620  | 1.36% | 0.180% |
| 51 | 16.495 | 2403 | 2407 | 2409 | rBV3 | 499  | 561  | 1.23% | 0.163% |
| 52 | 16.757 | 2447 | 2450 | 2452 | rBV3 | 623  | 831  | 1.82% | 0.241% |

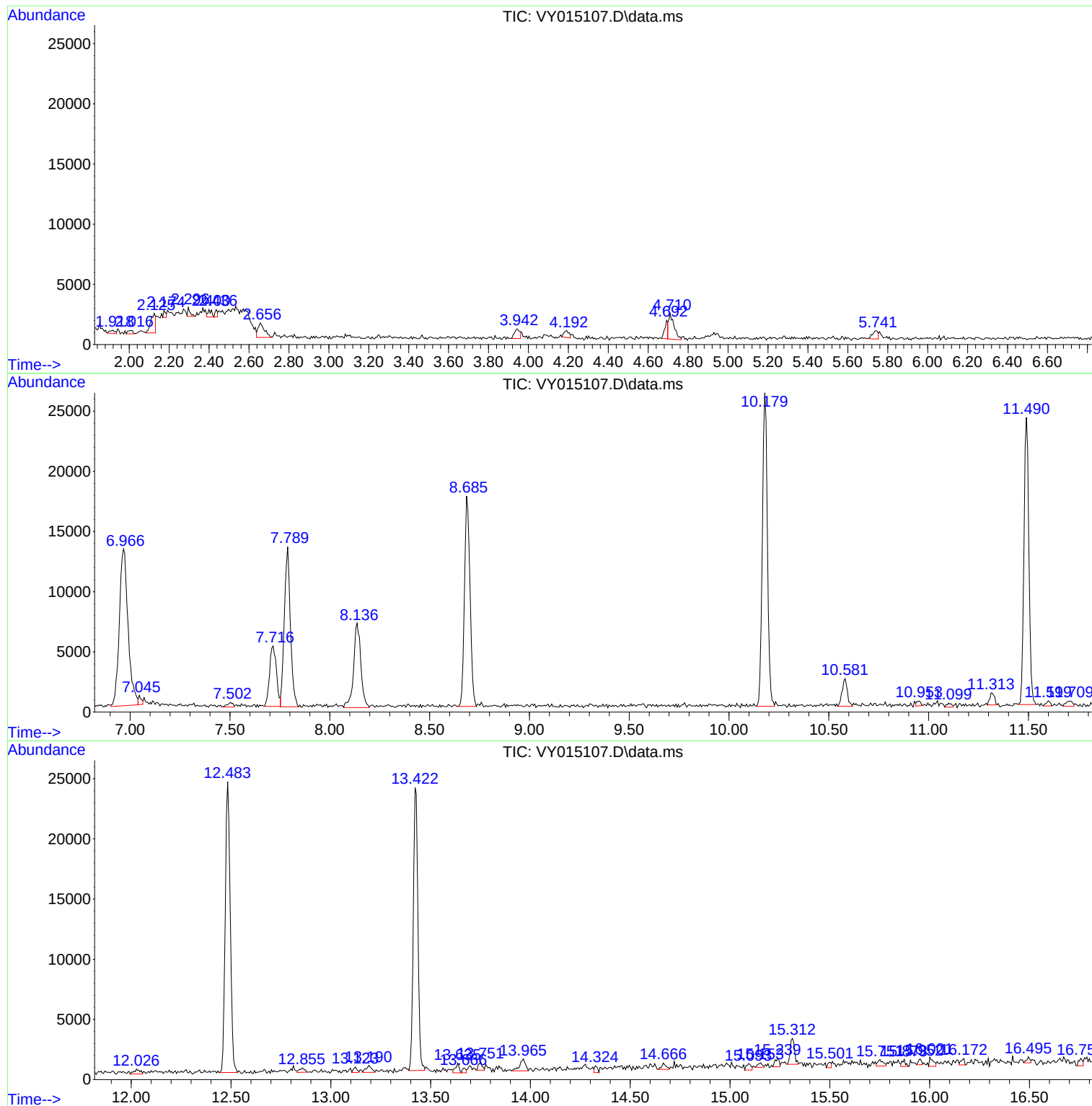
Sum of corrected areas: 344927

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y081423S.M  
Quant Title : SW846 8260

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



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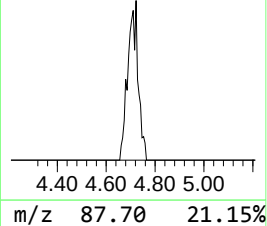
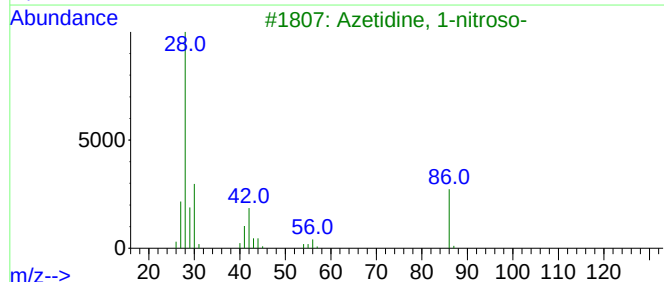
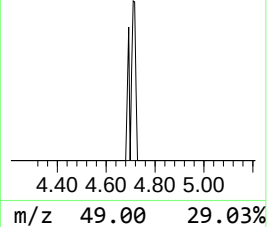
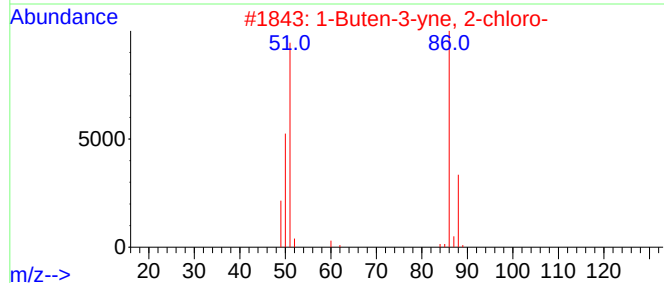
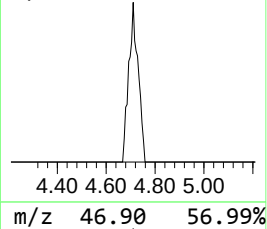
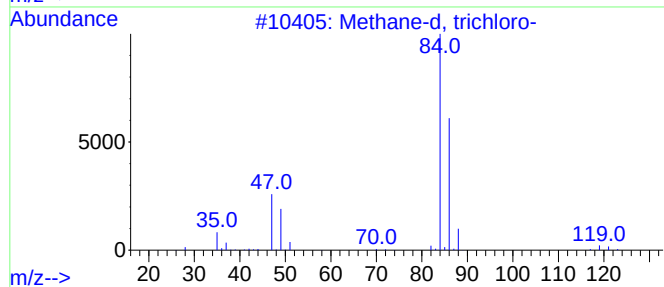
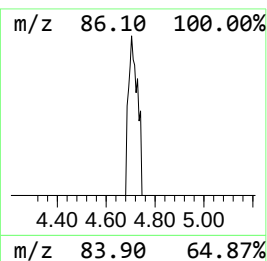
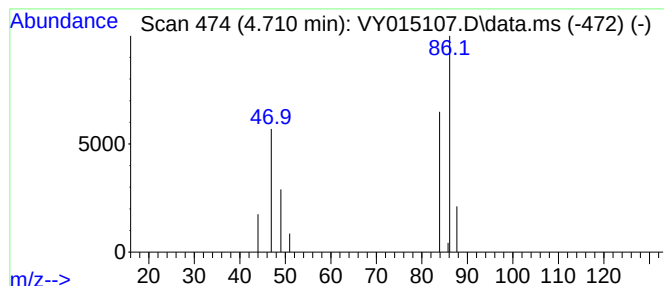
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Peak Number 1 unknown4.710 Concentration Rank 2

| R.T.  | EstConc   | Area | Relative to ISTD   | R.T.  |
|-------|-----------|------|--------------------|-------|
| 4.710 | 6.86 ug/l | 3819 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-----------------------------|-----|----------|-------------|------|
| 1    |    |   | Methane-d, trichloro-       | 119 | CDCl3    | 000865-49-6 | 40   |
| 2    |    |   | 1-Buten-3-yne, 2-chloro-    | 86  | C4H3Cl   | 017712-36-6 | 7    |
| 3    |    |   | Azetidine, 1-nitroso-       | 86  | C3H6N2O  | 015216-10-1 | 4    |
| 4    |    |   | 2-Amino-2-ethylbutan-1-ol   | 117 | C6H15NO  | 019792-52-0 | 4    |
| 5    |    |   | DL-Norleucine, methyl ester | 145 | C7H15NO2 | 051220-79-2 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |       |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|-------|------|
|                  |       |         |       |          | #                     | RT    | Resp  | Conc |
| unknown4.710     | 4.710 | 6.9     | ug/l  | 3819     | 1                     | 7.789 | 27824 | 50.0 |