

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070125\  
 Data File : VY022896.D  
 Acq On : 01 Jul 2025 12:57  
 Operator : SY/MD  
 Sample : Q2447-05  
 Misc : 5.20g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 COMP-2

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\82Y062325S.M  
 Title : SW846 8260

Signal : TIC: VY022896.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         | 2.074       | 49            | 58          | 59           | rBV3     | 8499           | 14741         | 10.11%          | 1.850%        |
| 2         | 2.422       | 114           | 115         | 116          | rBV      | 2932           | 1663          | 1.14%           | 0.209%        |
| 3         | 2.556       | 135           | 137         | 139          | rBV3     | 2455           | 2401          | 1.65%           | 0.301%        |
| 4         | 2.678       | 155           | 157         | 160          | rVB4     | 1525           | 1667          | 1.14%           | 0.209%        |
| 5         | 3.848       | 343           | 349         | 351          | rBV4     | 2332           | 4730          | 3.24%           | 0.594%        |
| 6         | 4.001       | 368           | 374         | 375          | rBV4     | 1027           | 1469          | 1.01%           | 0.184%        |
| 7         | 4.616       | 467           | 475         | 482          | rVB6     | 3127           | 9964          | 6.83%           | 1.250%        |
| 8         | 5.616       | 633           | 639         | 640          | rBV3     | 1328           | 2127          | 1.46%           | 0.267%        |
| 9         | 5.647       | 640           | 644         | 645          | rVV4     | 1216           | 1966          | 1.35%           | 0.247%        |
| 10        | 5.659       | 645           | 646         | 652          | rVB3     | 1802           | 2217          | 1.52%           | 0.278%        |
| 11        | 5.811       | 668           | 671         | 674          | rVB5     | 1083           | 1714          | 1.18%           | 0.215%        |
| 12        | 5.848       | 674           | 677         | 679          | rBV4     | 1109           | 1516          | 1.04%           | 0.190%        |
| 13        | 6.951       | 856           | 858         | 863          | rVB3     | 1323           | 1597          | 1.09%           | 0.200%        |
| 14        | 7.025       | 863           | 870         | 872          | rBV6     | 791            | 1655          | 1.13%           | 0.208%        |
| 15        | 7.378       | 925           | 928         | 932          | rVB4     | 1179           | 1498          | 1.03%           | 0.188%        |
| 16        | 7.500       | 946           | 948         | 953          | rBV3     | 680            | 1467          | 1.01%           | 0.184%        |
| 17        | 7.628       | 960           | 969         | 976          | rBV      | 19895          | 48630         | 33.34%          | 6.103%        |
| 18        | 7.707       | 976           | 982         | 994          | rVB      | 41060          | 96118         | 65.90%          | 12.062%       |
| 19        | 8.061       | 1030          | 1040        | 1048         | rBV2     | 15768          | 39510         | 27.09%          | 4.958%        |
| 20        | 8.616       | 1123          | 1131        | 1140         | rBV      | 56212          | 120842        | 82.86%          | 15.164%       |
| 21        | 10.103      | 1369          | 1375        | 1384         | rVV      | 77770          | 145846        | 100.00%         | 18.302%       |
| 22        | 10.164      | 1384          | 1385        | 1390         | rVB3     | 1476           | 1647          | 1.13%           | 0.207%        |
| 23        | 10.378      | 1415          | 1420        | 1424         | rBV3     | 989            | 1762          | 1.21%           | 0.221%        |
| 24        | 10.640      | 1461          | 1463        | 1468         | rVB4     | 1579           | 1759          | 1.21%           | 0.221%        |
| 25        | 11.414      | 1580          | 1590        | 1598         | rVV      | 69054          | 120578        | 82.67%          | 15.131%       |
| 26        | 12.249      | 1723          | 1727        | 1729         | rBV3     | 1302           | 1547          | 1.06%           | 0.194%        |
| 27        | 12.402      | 1745          | 1752        | 1760         | rBV      | 44067          | 72746         | 49.88%          | 9.129%        |
| 28        | 12.530      | 1766          | 1773        | 1775         | rBV4     | 1351           | 2708          | 1.86%           | 0.340%        |
| 29        | 13.042      | 1853          | 1857        | 1860         | rVB6     | 1542           | 2558          | 1.75%           | 0.321%        |
| 30        | 13.078      | 1860          | 1863        | 1869         | rBV5     | 916            | 2089          | 1.43%           | 0.262%        |
| 31        | 13.292      | 1894          | 1898        | 1901         | rBV4     | 1101           | 1772          | 1.21%           | 0.222%        |
| 32        | 13.341      | 1901          | 1906        | 1917         | rVB      | 40364          | 68278         | 46.82%          | 8.568%        |
| 33        | 13.517      | 1933          | 1935        | 1938         | rBV3     | 1417           | 1488          | 1.02%           | 0.187%        |
| 34        | 13.639      | 1953          | 1955        | 1957         | rVV2     | 1044           | 1459          | 1.00%           | 0.183%        |
| 35        | 13.658      | 1957          | 1958        | 1962         | rVV3     | 1451           | 1532          | 1.05%           | 0.192%        |
| 36        | 13.877      | 1987          | 1994        | 1996         | rBV5     | 1490           | 2701          | 1.85%           | 0.339%        |

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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
COMP-2

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\82Y062325S.M  
Title : SW846 8260

|    |        |      |      |      |      |      |      |       |        |
|----|--------|------|------|------|------|------|------|-------|--------|
| 37 | 14.578 | 2105 | 2109 | 2113 | rBV7 | 1715 | 3012 | 2.07% | 0.378% |
| 38 | 15.334 | 2228 | 2233 | 2236 | rVB4 | 1478 | 2163 | 1.48% | 0.271% |
| 39 | 15.846 | 2314 | 2317 | 2320 | rBV3 | 1506 | 1808 | 1.24% | 0.227% |
| 40 | 16.608 | 2438 | 2442 | 2447 | rBV5 | 1319 | 1934 | 1.33% | 0.243% |

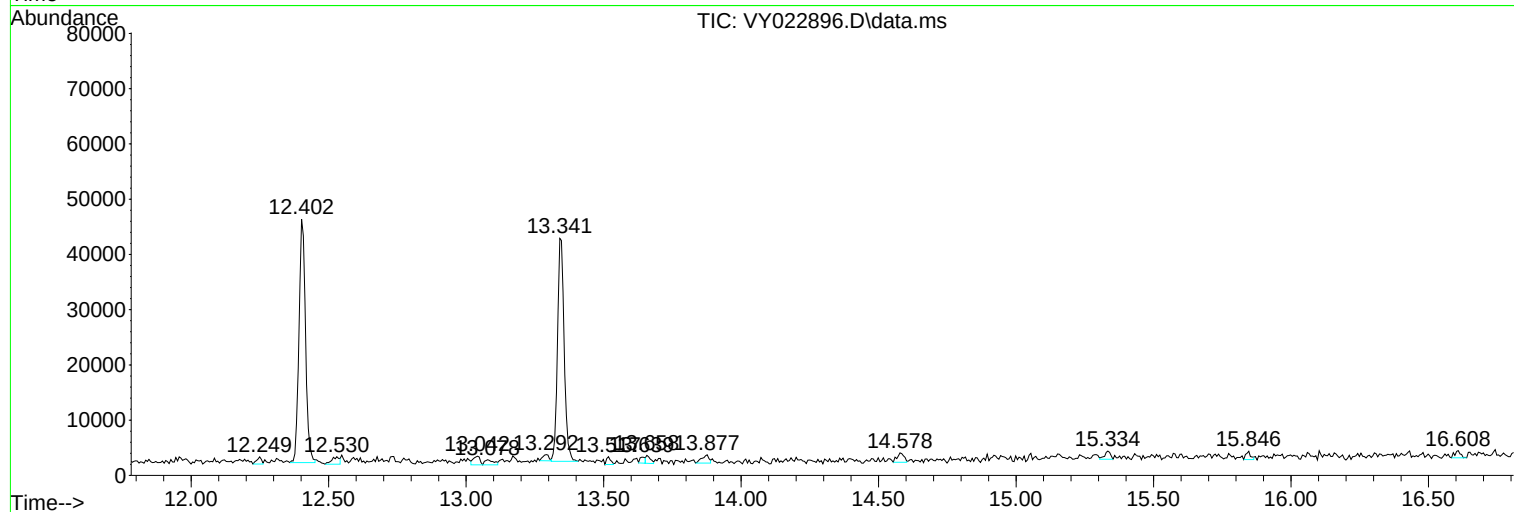
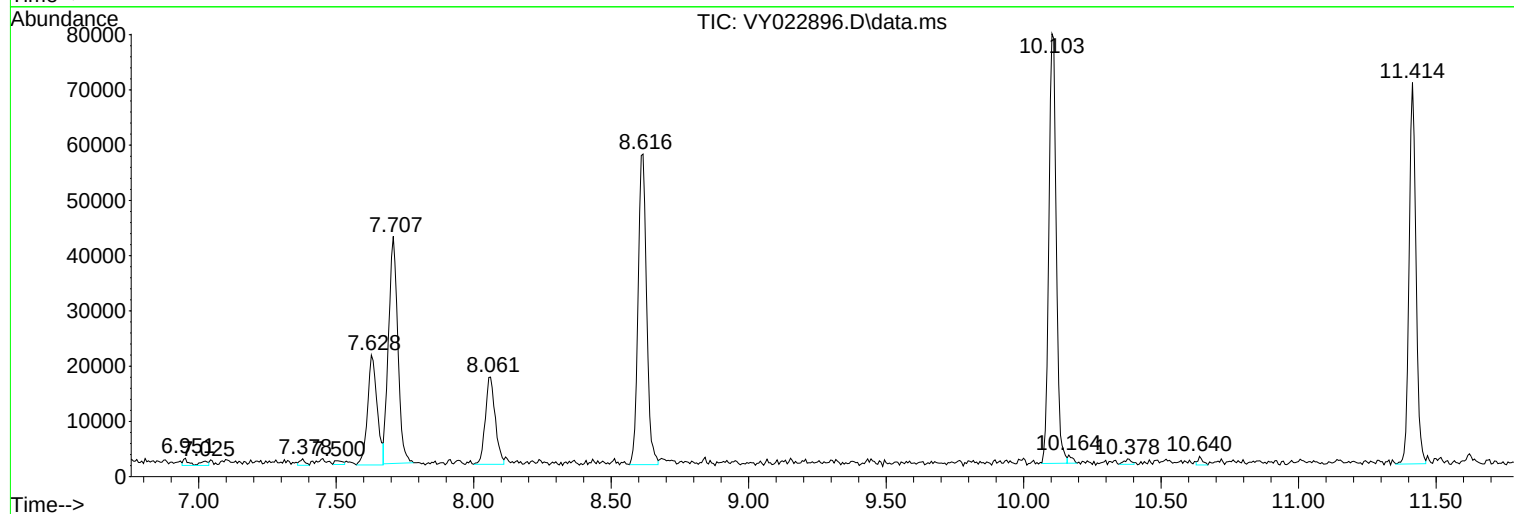
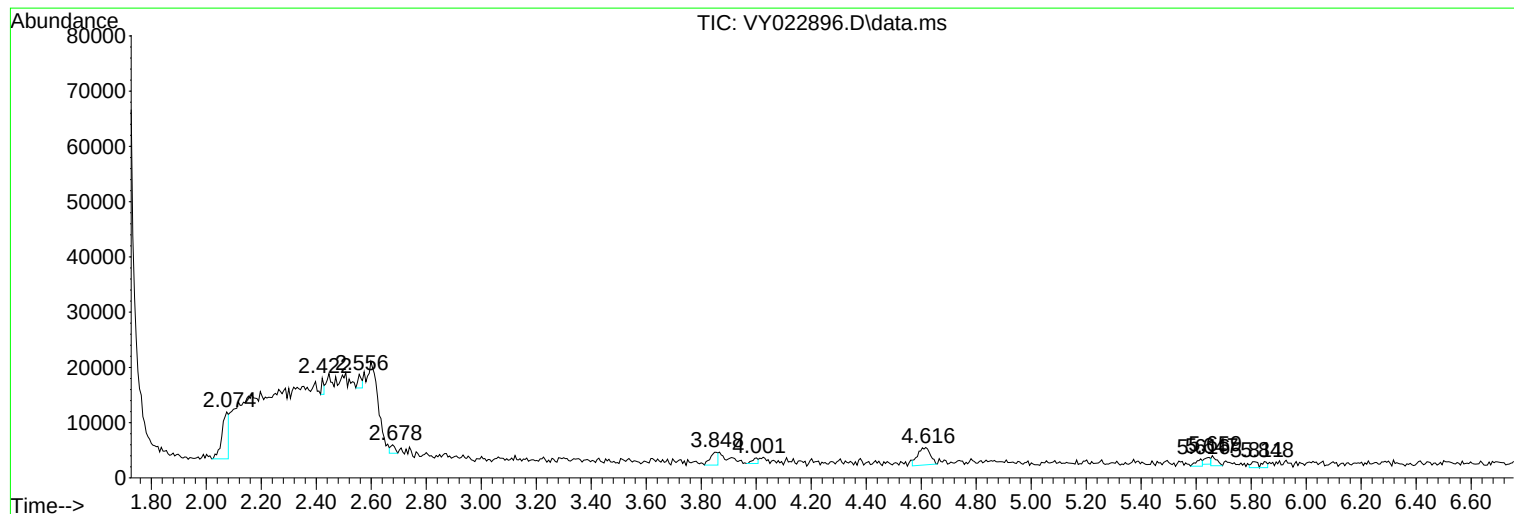
Sum of corrected areas: 796879

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MSVOA\_Y  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
Quant Title : SW846 8260

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



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Sample : Q2447-05  
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ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
COMP-2

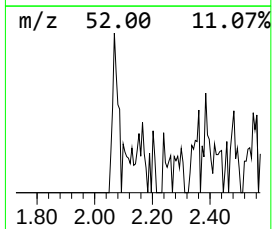
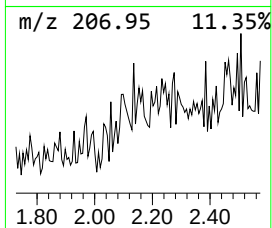
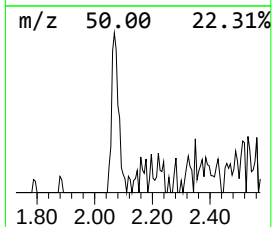
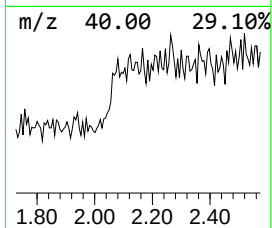
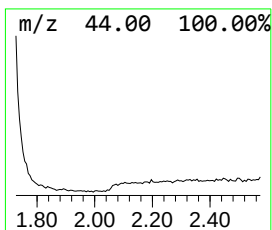
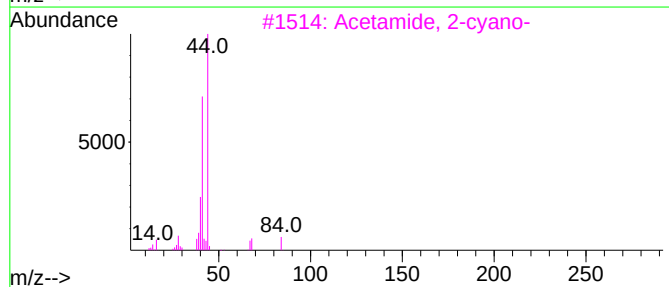
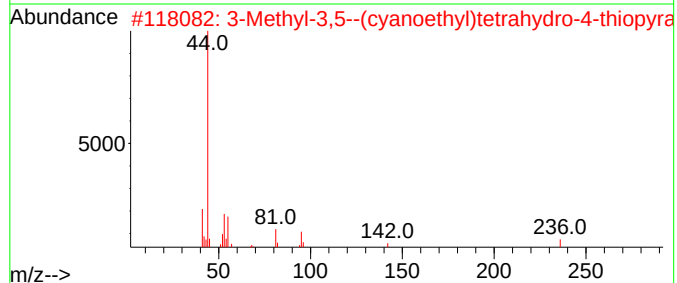
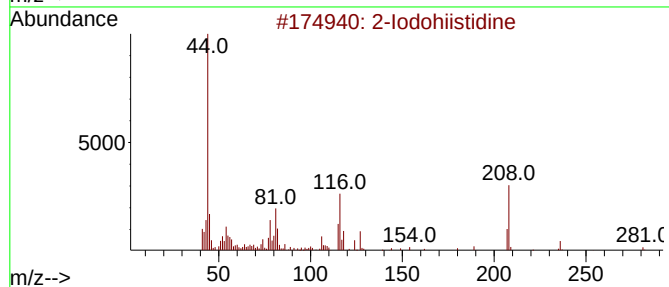
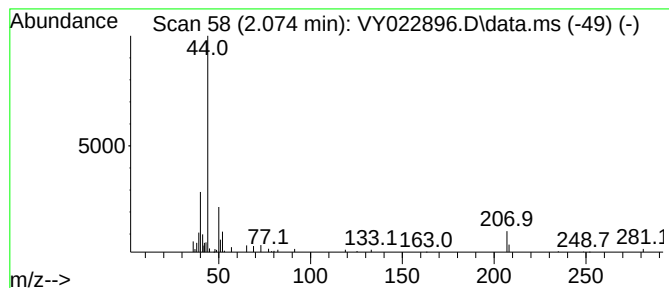
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown2.074 Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.074 | 7.67 ug/l | 14741 | Pentafluorobenzene | 7.707 |

| Hit# | of                                  | 5 | Tentative ID | MW  | MolForm    | CAS#         | Qual |
|------|-------------------------------------|---|--------------|-----|------------|--------------|------|
| 1    | 2-Iodohistidine                     |   |              | 281 | C6H8IN3O2  | 006996-15-2  | 42   |
| 2    | 3-Methyl-3,5--(cyanoethyl)tetrah... |   |              | 236 | C12H16N2OS | 1000140-32-3 | 28   |
| 3    | Acetamide, 2-cyano-                 |   |              | 84  | C3H4N2O    | 000107-91-5  | 28   |
| 4    | Cyclobutanol                        |   |              | 72  | C4H8O      | 002919-23-5  | 28   |
| 5    | N,N-Dimethyl-dimethylphosphoric ... |   |              | 121 | C4H12NOP   | 050663-05-3  | 9    |



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Quant Title : SW846 8260

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |       |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|-------|------|
|                  |       |         |       |          | #                     | RT    | Resp  | Conc |
| unknown2.074     | 2.074 | 7.7     | ug/l  | 14741    | 1                     | 7.707 | 96118 | 50.0 |