

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090123\  
 Data File : VY015421.D  
 Acq On : 01 Sep 2023 17:28  
 Operator : SY/MD  
 Sample : 04283-03  
 Misc : 4.20g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-3

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\82Y082923S.M

Title : SW846 8260

Signal : TIC: VY015421.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         | 4.198       | 383           | 390         | 399          | rBV3     | 3294           | 9667          | 1.45%           | 0.216%        |
| 2         | 4.704       | 461           | 473         | 490          | rBV2     | 58570          | 184072        | 27.58%          | 4.106%        |
| 3         | 5.741       | 631           | 643         | 659          | rVB4     | 16224          | 51283         | 7.68%           | 1.144%        |
| 4         | 6.972       | 831           | 845         | 863          | rBV      | 66121          | 209935        | 31.46%          | 4.683%        |
| 5         | 7.716       | 955           | 967         | 972          | rBV      | 97569          | 230463        | 34.53%          | 5.141%        |
| 6         | 7.783       | 972           | 978         | 990          | rVB      | 167350         | 376417        | 56.40%          | 8.397%        |
| 7         | 8.137       | 1022          | 1036        | 1047         | rBV2     | 124003         | 337132        | 50.51%          | 7.520%        |
| 8         | 8.685       | 1118          | 1126        | 1136         | rBV      | 254175         | 492508        | 73.79%          | 10.986%       |
| 9         | 10.179      | 1363          | 1371        | 1379         | rBV      | 395789         | 667413        | 100.00%         | 14.888%       |
| 10        | 10.575      | 1428          | 1436        | 1443         | rBV      | 47971          | 85126         | 12.75%          | 1.899%        |
| 11        | 10.709      | 1453          | 1458        | 1467         | rVB2     | 4377           | 7335          | 1.10%           | 0.164%        |
| 12        | 10.941      | 1490          | 1496        | 1507         | rBV      | 48809          | 86042         | 12.89%          | 1.919%        |
| 13        | 11.038      | 1507          | 1512        | 1519         | rVB4     | 4917           | 9025          | 1.35%           | 0.201%        |
| 14        | 11.319      | 1553          | 1558        | 1564         | rVB      | 8120           | 13820         | 2.07%           | 0.308%        |
| 15        | 11.490      | 1577          | 1586        | 1595         | rBV      | 374111         | 595762        | 89.26%          | 13.289%       |
| 16        | 12.337      | 1718          | 1725        | 1729         | rBV      | 7588           | 12573         | 1.88%           | 0.280%        |
| 17        | 12.483      | 1737          | 1749        | 1759         | rBV2     | 301207         | 499756        | 74.88%          | 11.148%       |
| 18        | 12.813      | 1798          | 1803        | 1812         | rBV4     | 3838           | 6703          | 1.00%           | 0.150%        |
| 19        | 13.422      | 1891          | 1903        | 1910         | rVV      | 380455         | 581811        | 87.17%          | 12.978%       |
| 20        | 13.965      | 1985          | 1992        | 1999         | rVB2     | 9219           | 15207         | 2.28%           | 0.339%        |
| 21        | 15.312      | 2206          | 2213        | 2221         | rVB      | 5635           | 10967         | 1.64%           | 0.245%        |

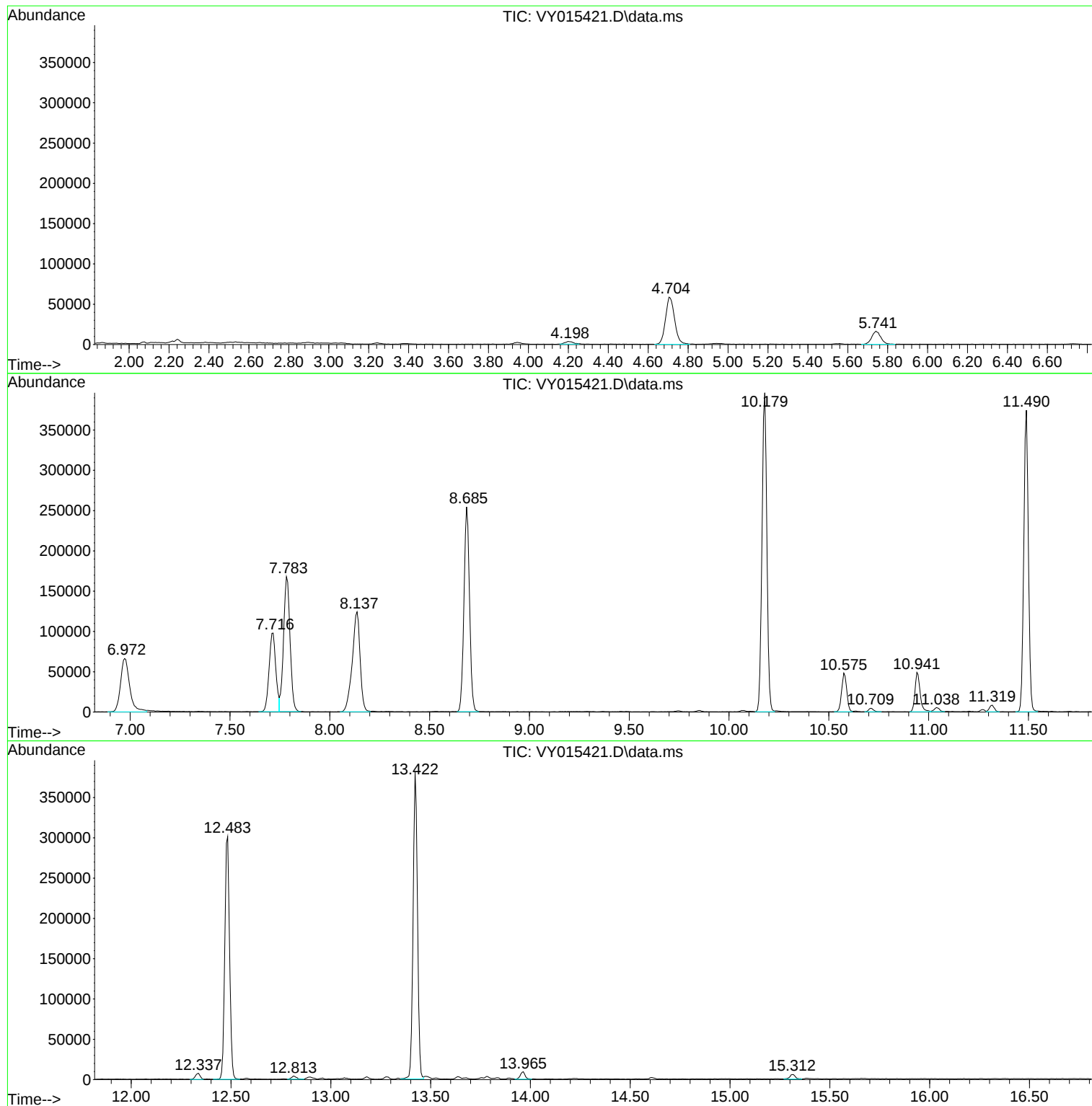
Sum of corrected areas: 4483017

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y082923S.M  
Quant Title : SW846 8260

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



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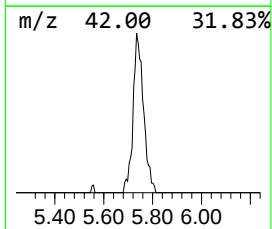
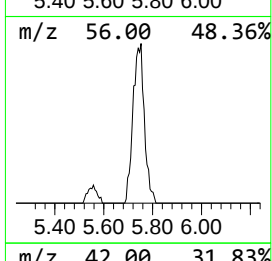
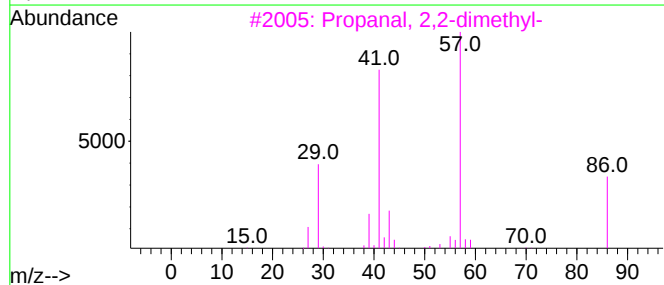
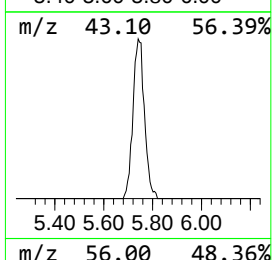
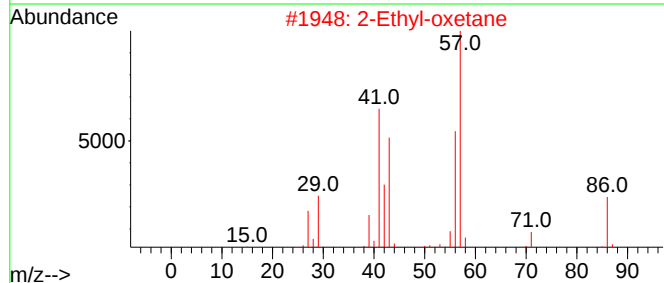
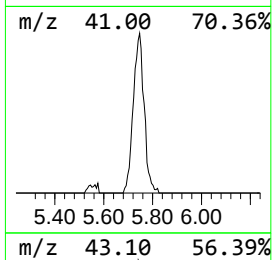
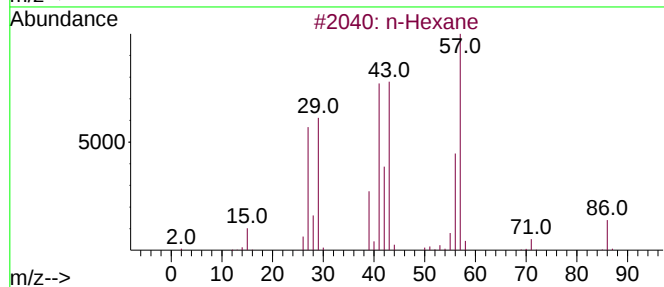
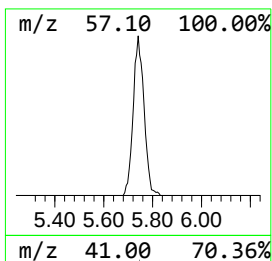
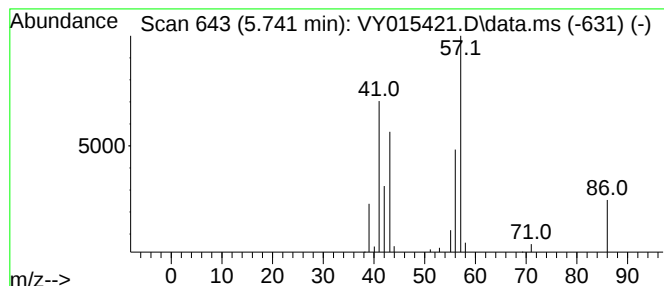
TIC Library : C:\Database\NIST20.L  
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Peak Number 1 n-Hexane Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.741 | 6.81 ug/l | 51283 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID            | MW | MolForm | CAS#         | Qual |
|------|----|---|-------------------------|----|---------|--------------|------|
| 1    |    |   | n-Hexane                | 86 | C6H14   | 000110-54-3  | 78   |
| 2    |    |   | 2-Ethyl-oxetane         | 86 | C5H10O  | 1010386-40-2 | 52   |
| 3    |    |   | Propanal, 2,2-dimethyl- | 86 | C5H10O  | 000630-19-3  | 38   |
| 4    |    |   | Tetrahydropyran         | 86 | C5H10O  | 000142-68-7  | 37   |
| 5    |    |   | 1-Pentene, 4-methyl-    | 84 | C6H12   | 000691-37-2  | 37   |



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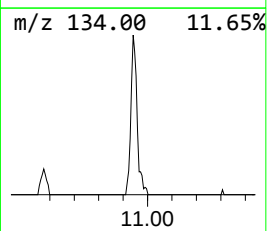
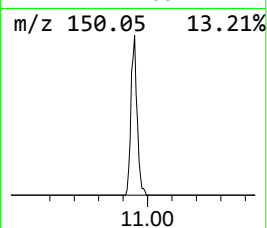
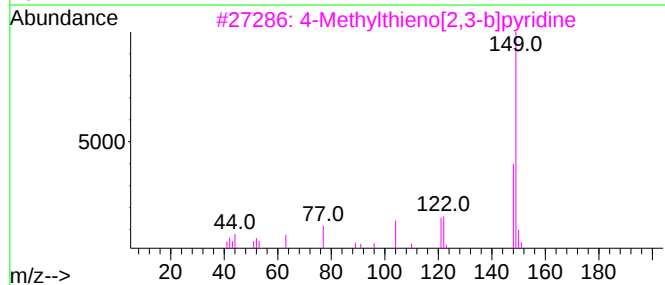
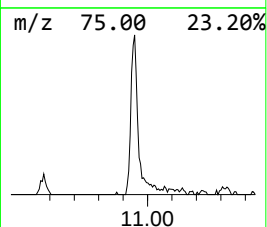
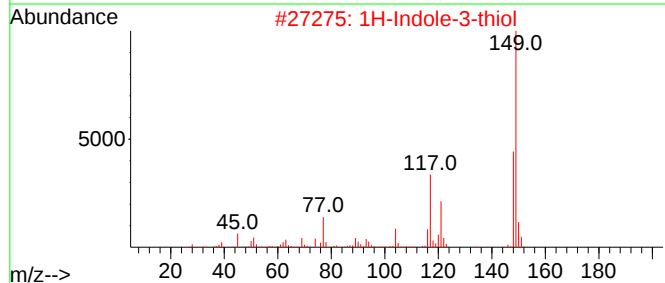
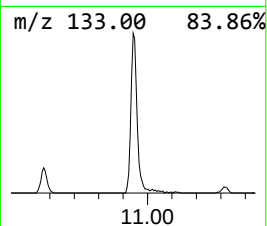
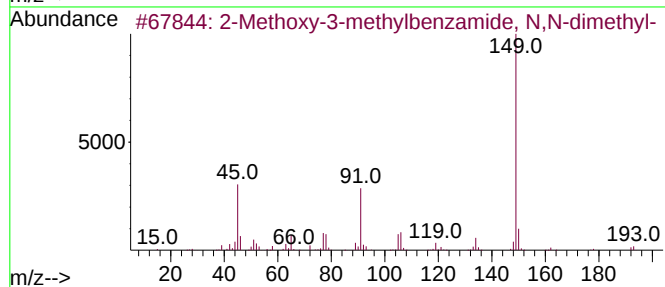
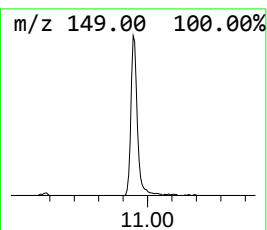
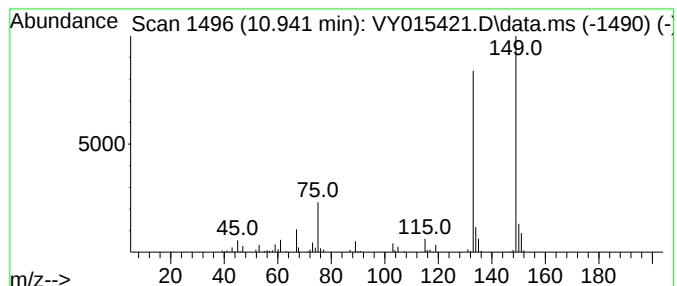
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Peak Number 4 unknown10.941 Concentration Rank 2

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 10.941 | 7.22 ug/l | 86042 | Chlorobenzene-d5 | 11.490 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 2-Methoxy-3-methylbenzamide, N,N... | 193 | C11H15NO2 | 1369798-01-5 | 32   |
| 2    |    |   | 1H-Indole-3-thiol                   | 149 | C8H7NS    | 000480-94-4  | 25   |
| 3    |    |   | 4-Methylthieno[2,3-b]pyridine       | 149 | C8H7NS    | 013362-81-7  | 25   |
| 4    |    |   | Formamide, N-ethyl-N-phenyl-        | 149 | C9H11NO   | 005461-49-4  | 17   |
| 5    |    |   | Benzene, 1,3-dimethyl-5-(1-methy... | 148 | C11H16    | 004706-90-5  | 17   |



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| TIC Top Hit name | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                  |        |         |       |          | #                     | RT     | Resp   | Conc |
| n-Hexane         | 5.741  | 6.8     | ug/l  | 51283    | 1                     | 7.789  | 376417 | 50.0 |
| unknown10.941    | 10.941 | 7.2     | ug/l  | 86042    | 3                     | 11.490 | 595762 | 50.0 |