

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080323\  
 Data File : VY014958.D  
 Acq On : 03 Aug 2023 18:59  
 Operator : SY/MD  
 Sample : 03887-01  
 Misc : 4.14g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 MCLEAN-TP6

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\82Y071323S.M

Title : SW846 8260

Signal : TIC: VY014958.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         | 3.954       | 338           | 350         | 362          | rBV2     | 4037           | 13262         | 1.04%           | 0.159%        |
| 2         | 4.710       | 461           | 474         | 493          | rVB      | 46934          | 149422        | 11.71%          | 1.789%        |
| 3         | 5.747       | 633           | 644         | 656          | rBV2     | 44466          | 140140        | 10.98%          | 1.678%        |
| 4         | 6.984       | 834           | 847         | 862          | rBV2     | 48640          | 157555        | 12.34%          | 1.886%        |
| 5         | 7.716       | 957           | 967         | 973          | rBV      | 184757         | 430295        | 33.71%          | 5.151%        |
| 6         | 7.789       | 973           | 979         | 1001         | rVB      | 299682         | 677875        | 53.10%          | 8.115%        |
| 7         | 8.143       | 1025          | 1037        | 1049         | rVB      | 196333         | 457394        | 35.83%          | 5.475%        |
| 8         | 8.691       | 1117          | 1127        | 1137         | rBV      | 473619         | 931370        | 72.96%          | 11.149%       |
| 9         | 10.179      | 1363          | 1371        | 1379         | rBV      | 745423         | 1276544       | 100.00%         | 15.281%       |
| 10        | 10.581      | 1430          | 1437        | 1444         | rBV2     | 50049          | 94120         | 7.37%           | 1.127%        |
| 11        | 10.947      | 1488          | 1497        | 1508         | rBV      | 64454          | 118128        | 9.25%           | 1.414%        |
| 12        | 11.319      | 1552          | 1558        | 1564         | rVB2     | 16614          | 29216         | 2.29%           | 0.350%        |
| 13        | 11.490      | 1579          | 1586        | 1594         | rBV      | 730838         | 1187309       | 93.01%          | 14.213%       |
| 14        | 12.477      | 1739          | 1748        | 1757         | rBV2     | 617290         | 1073751       | 84.11%          | 12.853%       |
| 15        | 12.556      | 1757          | 1761        | 1767         | rVV2     | 7243           | 16079         | 1.26%           | 0.192%        |
| 16        | 12.624      | 1767          | 1772        | 1782         | rVB3     | 16262          | 37739         | 2.96%           | 0.452%        |
| 17        | 12.819      | 1797          | 1804        | 1812         | rBV5     | 16340          | 40838         | 3.20%           | 0.489%        |
| 18        | 12.983      | 1821          | 1831        | 1836         | rBV8     | 8934           | 21839         | 1.71%           | 0.261%        |
| 19        | 13.069      | 1841          | 1845        | 1850         | rVB      | 29168          | 42628         | 3.34%           | 0.510%        |
| 20        | 13.178      | 1857          | 1863        | 1871         | rVB2     | 16470          | 28248         | 2.21%           | 0.338%        |
| 21        | 13.282      | 1871          | 1880        | 1889         | rBV2     | 39323          | 72807         | 5.70%           | 0.872%        |
| 22        | 13.422      | 1895          | 1903        | 1909         | rBV      | 764414         | 1190757       | 93.28%          | 14.254%       |
| 23        | 13.477      | 1909          | 1912        | 1922         | rVB3     | 30274          | 63637         | 4.99%           | 0.762%        |
| 24        | 13.642      | 1930          | 1939        | 1944         | rBV4     | 12446          | 26304         | 2.06%           | 0.315%        |
| 25        | 13.965      | 1986          | 1992        | 2003         | rVB      | 12640          | 26123         | 2.05%           | 0.313%        |
| 26        | 15.312      | 2206          | 2213        | 2219         | rBV3     | 30367          | 50395         | 3.95%           | 0.603%        |

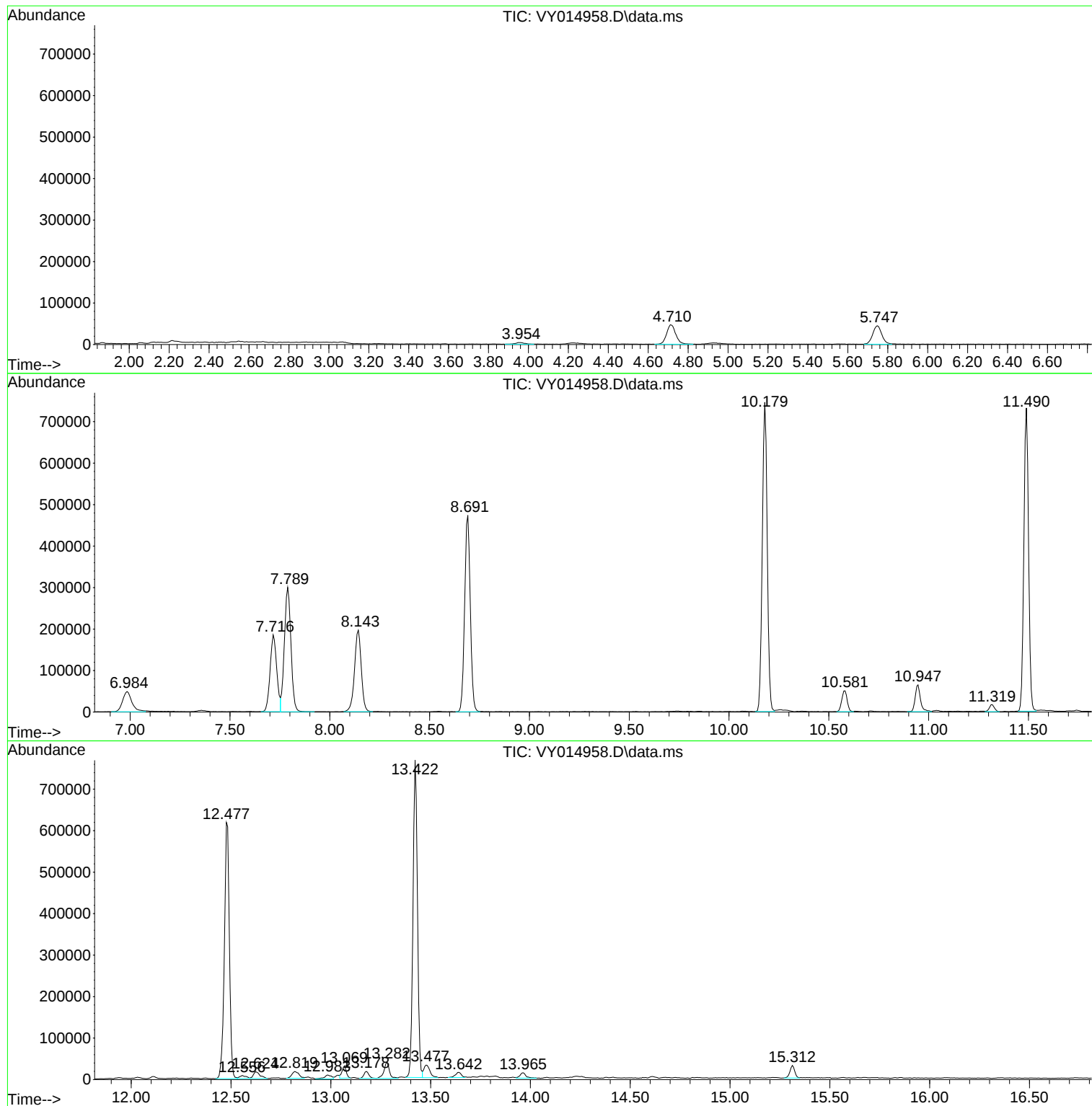
Sum of corrected areas: 8353775

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MSVOA\_Y  
ClientSampleId :  
MCLEAN-TP6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260

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



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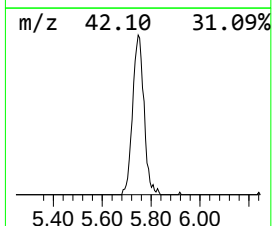
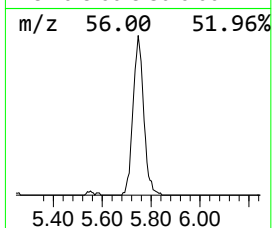
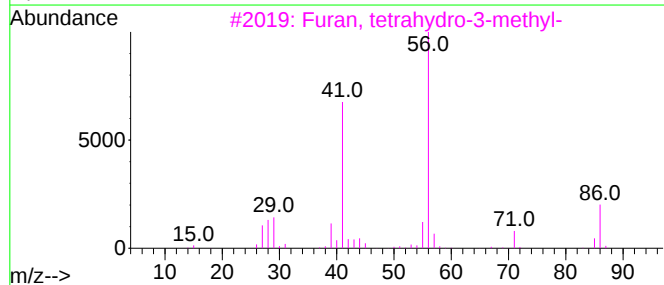
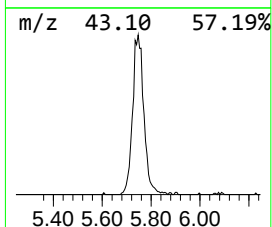
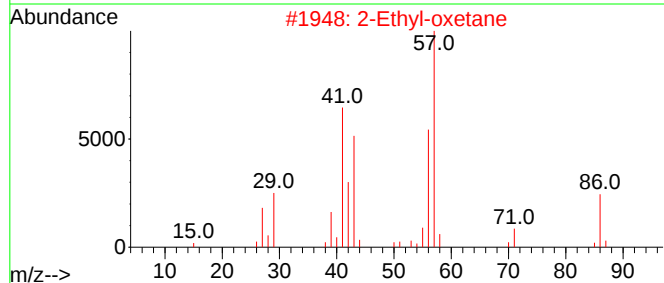
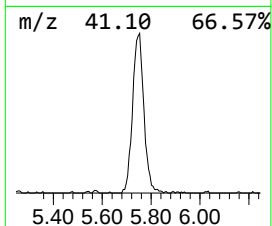
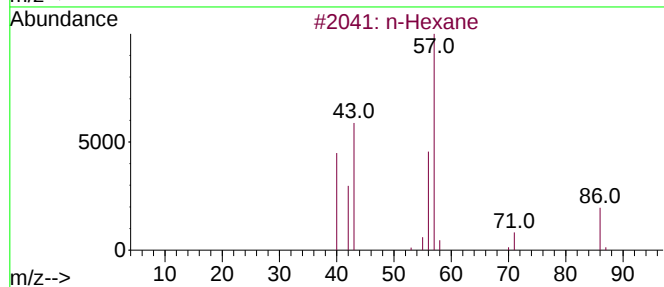
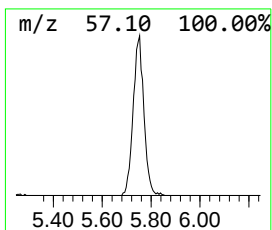
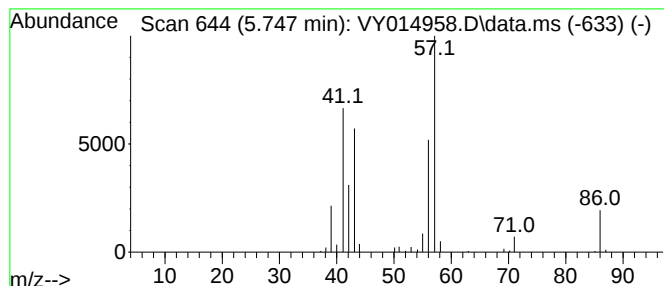
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexane Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 5.747 | 10.34 ug/l | 140140 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                | MW | MolForm | CAS#         | Qual |
|------|----|---|-----------------------------|----|---------|--------------|------|
| 1    |    |   | n-Hexane                    | 86 | C6H14   | 000110-54-3  | 90   |
| 2    |    |   | 2-Ethyl-oxetane             | 86 | C5H10O  | 1010386-40-2 | 87   |
| 3    |    |   | Furan, tetrahydro-3-methyl- | 86 | C5H10O  | 013423-15-9  | 50   |
| 4    |    |   | 3-Pentanone                 | 86 | C5H10O  | 000096-22-0  | 38   |
| 5    |    |   | Propanal, 2,2-dimethyl-     | 86 | C5H10O  | 000630-19-3  | 35   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| n-Hexane         | 5.747 | 10.3    | ug/l  | 140140   | 1                     | 7.789 | 677875 | 50.0 |