

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090123\  
 Data File : VY015416.D  
 Acq On : 01 Sep 2023 15:31  
 Operator : SY/MD  
 Sample : 04189-04  
 Misc : 4.24g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-01(48-50)

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: VY015416.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         | 2.241       | 65            | 69          | 80           | rVB2     | 4539           | 8116          | 1.21%           | 0.202%        |
| 2         | 4.710       | 462           | 474         | 495          | rBV2     | 60112          | 188862        | 28.19%          | 4.705%        |
| 3         | 5.741       | 632           | 643         | 658          | rBV2     | 17170          | 52067         | 7.77%           | 1.297%        |
| 4         | 6.978       | 834           | 846         | 864          | rBV3     | 20269          | 62734         | 9.36%           | 1.563%        |
| 5         | 7.716       | 958           | 967         | 972          | rBV      | 96524          | 228710        | 34.13%          | 5.698%        |
| 6         | 7.783       | 972           | 978         | 995          | rVB      | 164676         | 376764        | 56.23%          | 9.386%        |
| 7         | 8.143       | 1028          | 1037        | 1046         | rBV      | 107901         | 237519        | 35.45%          | 5.917%        |
| 8         | 8.685       | 1118          | 1126        | 1140         | rBV      | 250285         | 495499        | 73.95%          | 12.344%       |
| 9         | 10.179      | 1363          | 1371        | 1379         | rBV      | 394658         | 670021        | 100.00%         | 16.691%       |
| 10        | 10.715      | 1454          | 1459        | 1467         | rBV3     | 10517          | 16963         | 2.53%           | 0.423%        |
| 11        | 10.941      | 1490          | 1496        | 1507         | rBV      | 12734          | 23945         | 3.57%           | 0.597%        |
| 12        | 11.490      | 1579          | 1586        | 1599         | rBV      | 370596         | 593019        | 88.51%          | 14.773%       |
| 13        | 12.483      | 1741          | 1749        | 1760         | rBV      | 287311         | 458757        | 68.47%          | 11.428%       |
| 14        | 13.422      | 1896          | 1903        | 1913         | rBV      | 377467         | 580871        | 86.69%          | 14.470%       |
| 15        | 13.526      | 1915          | 1920        | 1933         | rVB2     | 12043          | 20363         | 3.04%           | 0.507%        |

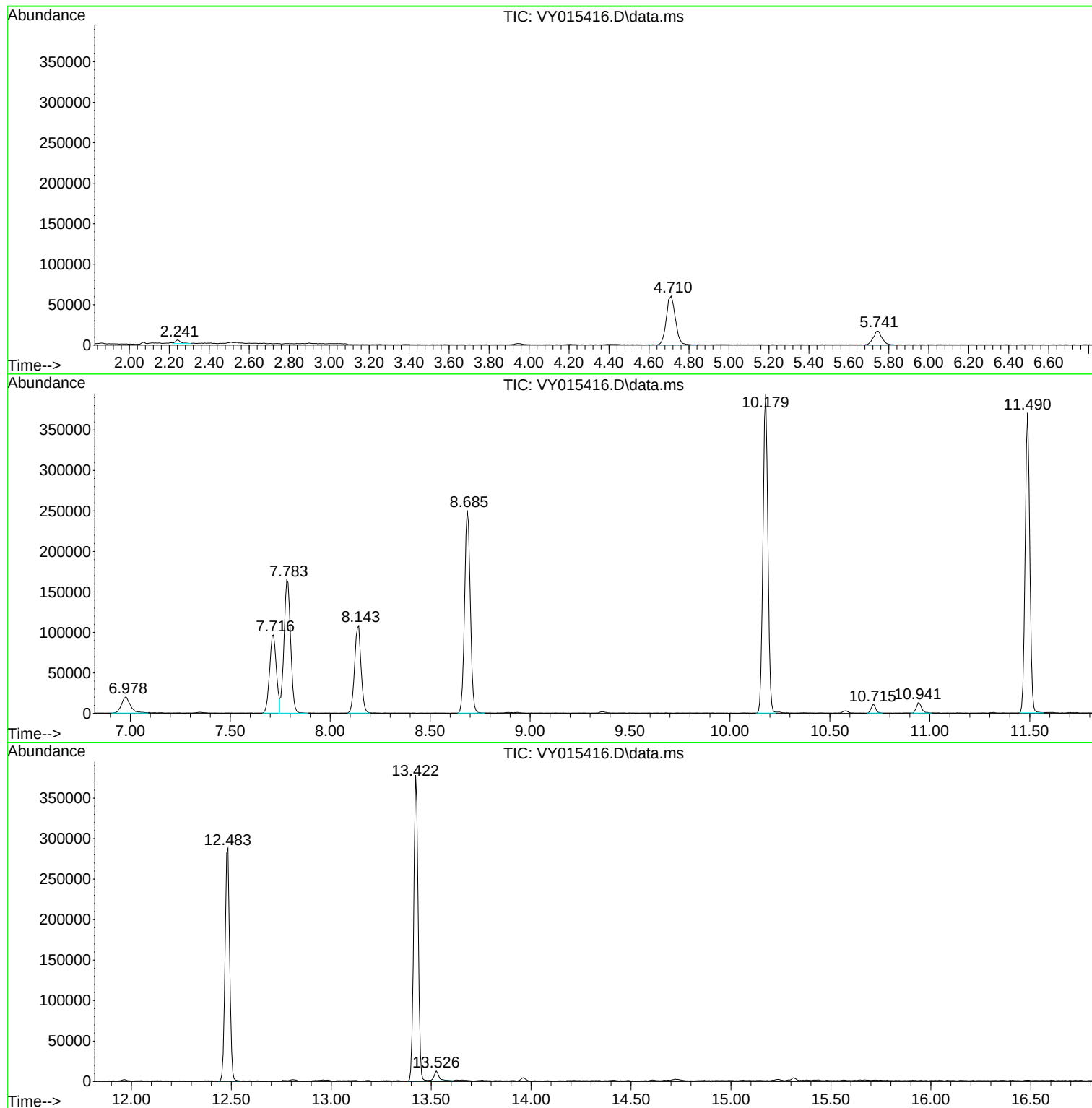
Sum of corrected areas: 4014210

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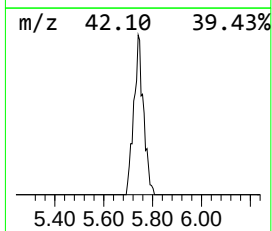
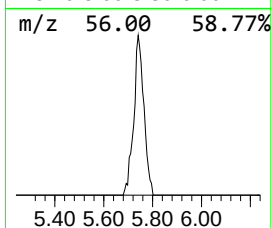
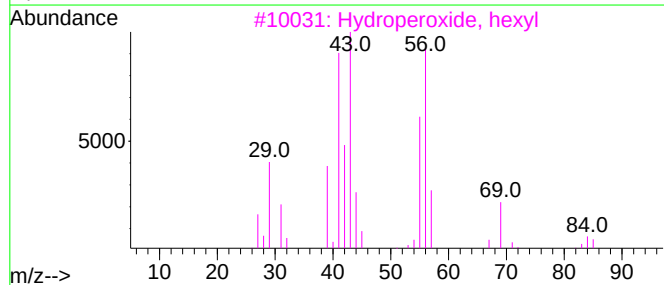
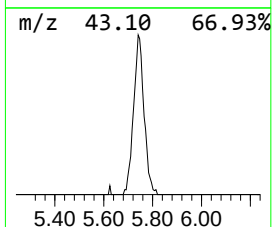
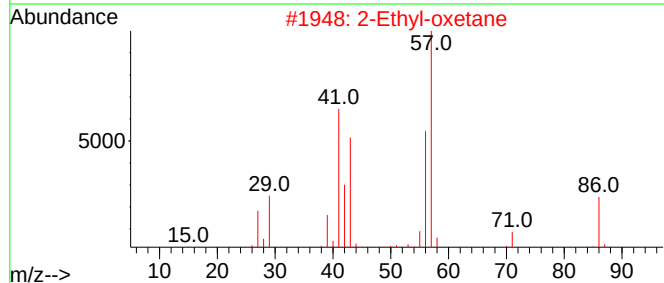
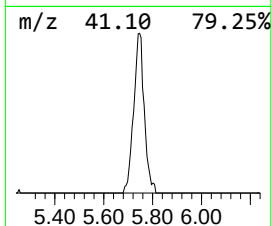
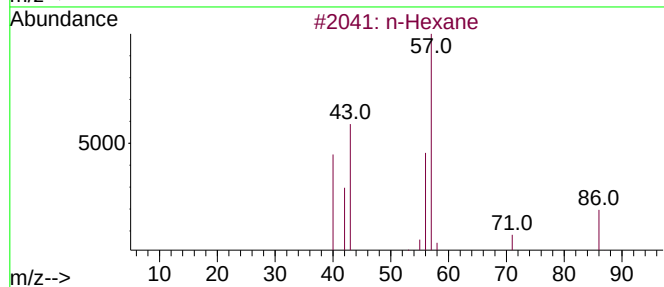
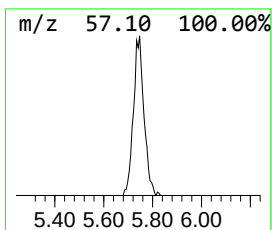
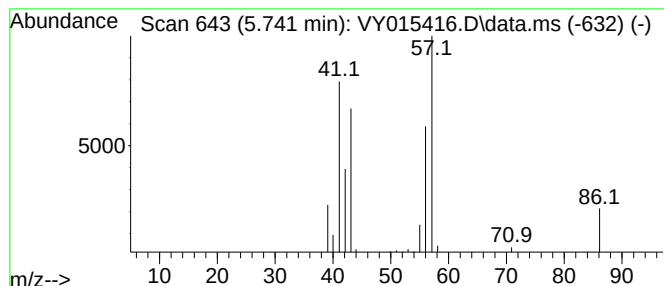
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 n-Hexane Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.741 | 6.91 ug/l | 52067 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------|-----|---------|--------------|------|
| 1    |    |   | n-Hexane                | 86  | C6H14   | 000110-54-3  | 72   |
| 2    |    |   | 2-Ethyl-oxetane         | 86  | C5H10O  | 1010386-40-2 | 53   |
| 3    |    |   | Hydroperoxide, hexyl    | 118 | C6H14O2 | 004312-76-9  | 42   |
| 4    |    |   | 1-Pentene, 4-methyl-    | 84  | C6H12   | 000691-37-2  | 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         | 5.741 | 6.9     | ug/l  | 52067    | 1                     | 7.789 | 376764 | 50.0 |