

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY072822\  
 Data File : VY009739.D  
 Acq On : 28 Jul 2022 10:25  
 Operator : KP/MD  
 Sample : VY0728SBL01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0728SBL01

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\82Y072622S.M

Title : SW846 8260

Signal : TIC: VY009739.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         | 4.704       | 462           | 473         | 486          | rBV      | 29466          | 90318         | 11.29%          | 2.029%        |
| 2         | 5.734       | 631           | 642         | 659          | rBV4     | 16226          | 50585         | 6.32%           | 1.137%        |
| 3         | 6.978       | 833           | 846         | 860          | rBV      | 7743           | 29517         | 3.69%           | 0.663%        |
| 4         | 7.710       | 956           | 966         | 972          | rBV      | 104002         | 243566        | 30.43%          | 5.473%        |
| 5         | 7.783       | 972           | 978         | 990          | rVB      | 197246         | 435184        | 54.38%          | 9.779%        |
| 6         | 8.136       | 1023          | 1036        | 1049         | rBV2     | 98250          | 229078        | 28.62%          | 5.147%        |
| 7         | 8.685       | 1117          | 1126        | 1137         | rBV      | 325042         | 632529        | 79.04%          | 14.213%       |
| 8         | 10.179      | 1363          | 1371        | 1379         | rBV      | 387201         | 668223        | 83.50%          | 15.015%       |
| 9         | 10.575      | 1428          | 1436        | 1443         | rBV3     | 5667           | 10707         | 1.34%           | 0.241%        |
| 10        | 10.947      | 1490          | 1497        | 1507         | rBV3     | 6819           | 12980         | 1.62%           | 0.292%        |
| 11        | 11.319      | 1553          | 1558        | 1564         | rVB2     | 5511           | 9083          | 1.13%           | 0.204%        |
| 12        | 11.489      | 1579          | 1586        | 1599         | rBV      | 500890         | 800296        | 100.00%         | 17.983%       |
| 13        | 12.483      | 1741          | 1749        | 1760         | rBV2     | 291316         | 464691        | 58.06%          | 10.442%       |
| 14        | 13.422      | 1896          | 1903        | 1910         | rBV      | 497004         | 753166        | 94.11%          | 16.924%       |
| 15        | 15.312      | 2208          | 2213        | 2221         | rVB      | 12477          | 20407         | 2.55%           | 0.459%        |

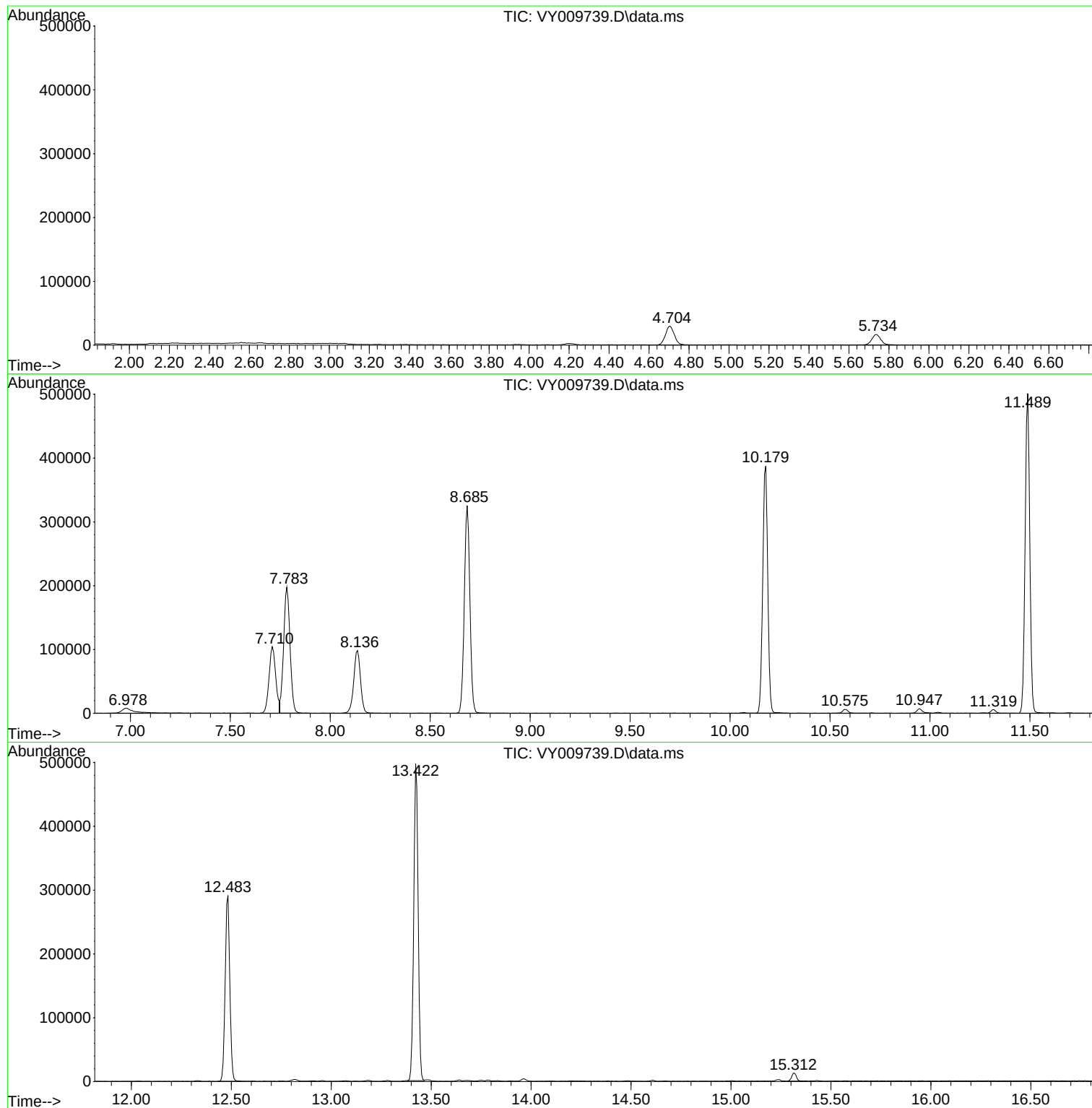
Sum of corrected areas: 4450330

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y072622S.M  
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

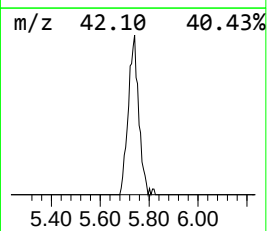
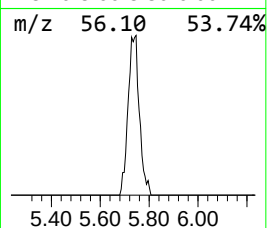
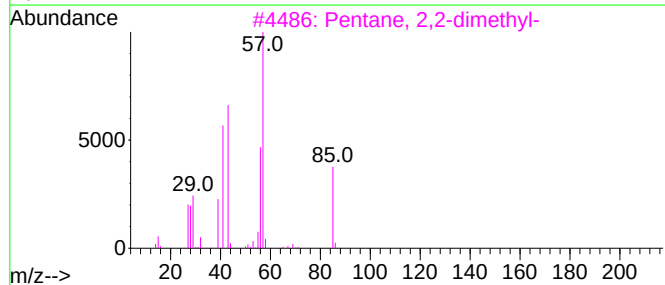
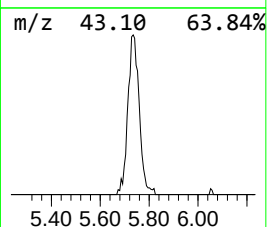
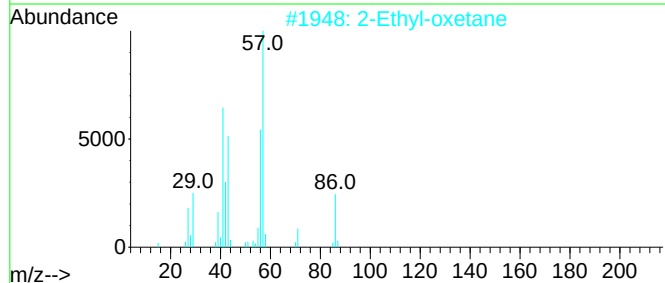
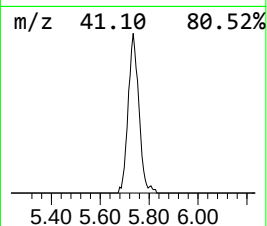
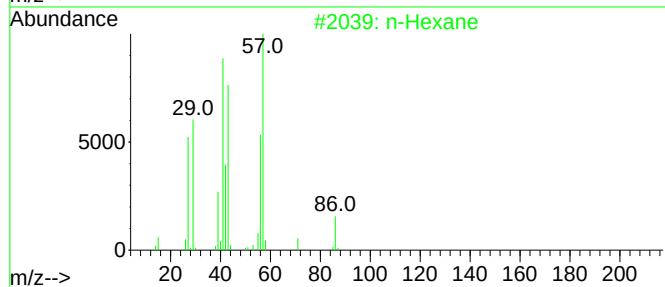
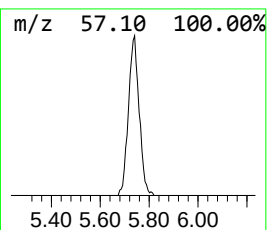
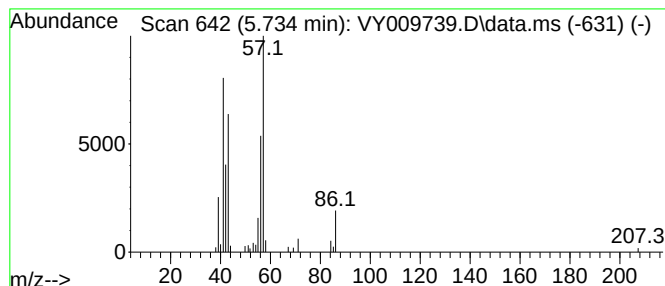
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 n-Hexane Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.734 | 5.81 ug/l | 50585 | Pentafluorobenzene | 7.783 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------------|-----|---------|--------------|------|
| 1    |    |   | n-Hexane                     | 86  | C6H14   | 000110-54-3  | 91   |
| 2    |    |   | 2-Ethyl-oxetane              | 86  | C5H10O  | 1010386-40-2 | 59   |
| 3    |    |   | Pentane, 2,2-dimethyl-       | 100 | C7H16   | 000590-35-2  | 43   |
| 4    |    |   | Hexane, 2,2,5,5-tetramethyl- | 142 | C10H22  | 001071-81-4  | 43   |
| 5    |    |   | 1-Pentene, 4-methyl-         | 84  | C6H12   | 000691-37-2  | 40   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| n-Hexane         | 5.734 | 5.8     | ug/l  | 50585    | 1                     | 7.783 | 435184 | 50.0 |