

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080223\  
Data File : VD076904.D  
Acq On : 02 Aug 2023 18:06  
Operator : KP/SY  
Sample : 03886-01  
Misc : 5.01G/5.0ml/MSVOA\_D/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
500-1A-1B

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\_D\Method\82D071423S.M

Title : SW846 8260

Signal : TIC: VD076904.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         | 1.740       | 12            | 26          | 36           | rBV      | 404899         | 770294        | 78.68%          | 13.290%       |
| 2         | 4.793       | 534           | 545         | 556          | rBV2     | 38730          | 107955        | 11.03%          | 1.863%        |
| 3         | 5.840       | 712           | 723         | 735          | rBV4     | 21236          | 63313         | 6.47%           | 1.092%        |
| 4         | 7.804       | 1047          | 1057        | 1062         | rBV2     | 135642         | 323600        | 33.05%          | 5.583%        |
| 5         | 7.875       | 1062          | 1069        | 1077         | rVB      | 197848         | 456755        | 46.65%          | 7.880%        |
| 6         | 8.228       | 1120          | 1129        | 1138         | rBV      | 108882         | 246264        | 25.15%          | 4.249%        |
| 7         | 8.775       | 1213          | 1222        | 1234         | rBV      | 341486         | 678332        | 69.29%          | 11.703%       |
| 8         | 10.269      | 1468          | 1476        | 1484         | rBV      | 554489         | 979008        | 100.00%         | 16.891%       |
| 9         | 11.581      | 1691          | 1699        | 1709         | rBV      | 489426         | 843832        | 86.19%          | 14.559%       |
| 10        | 12.575      | 1861          | 1868        | 1878         | rBV      | 351441         | 574550        | 58.69%          | 9.913%        |
| 11        | 13.516      | 2021          | 2028        | 2036         | rBV      | 476194         | 752188        | 76.83%          | 12.978%       |

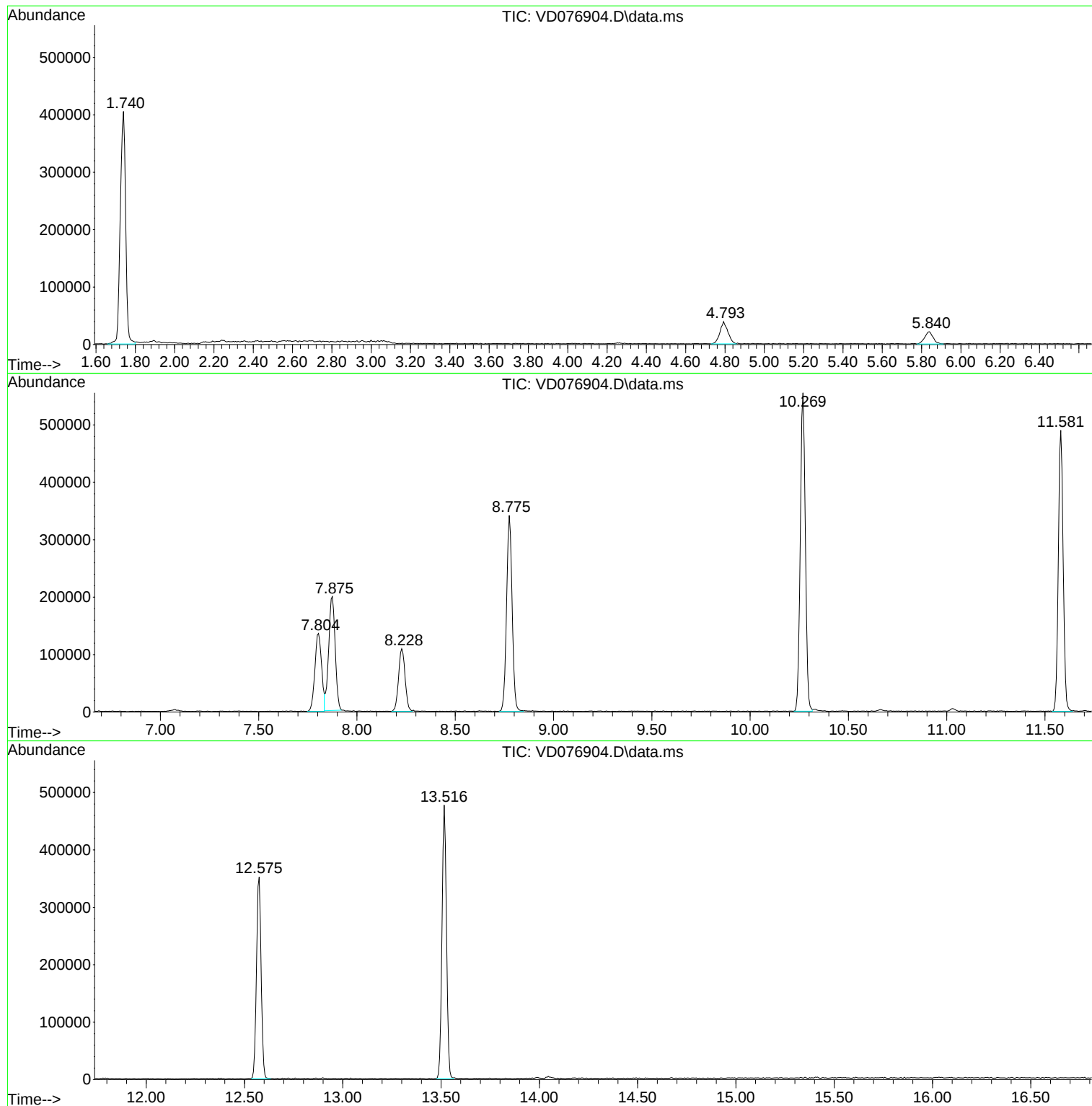
Sum of corrected areas: 5796091

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D071423S.M  
Quant Title : SW846 8260

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



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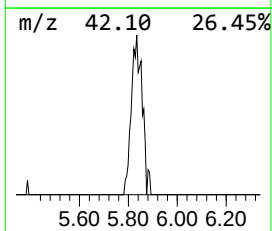
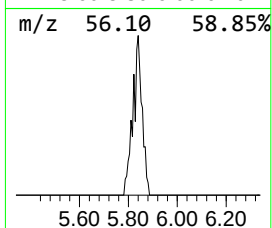
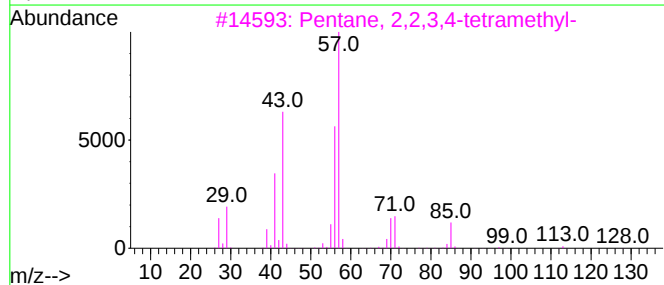
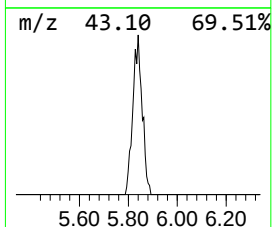
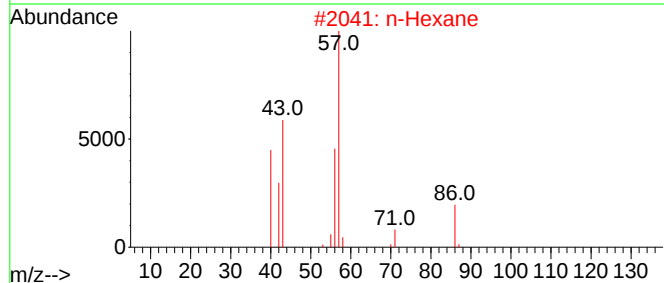
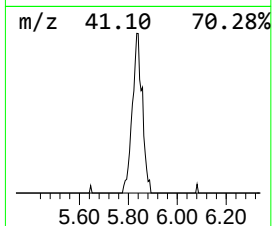
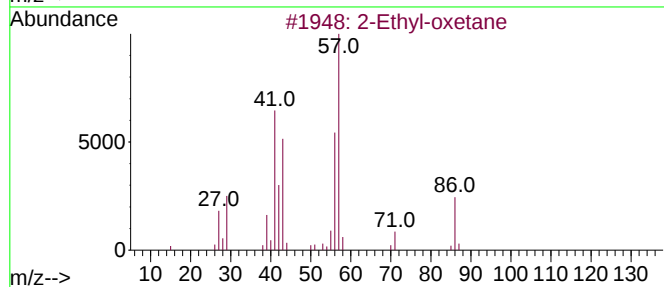
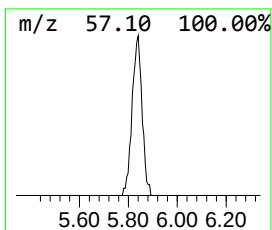
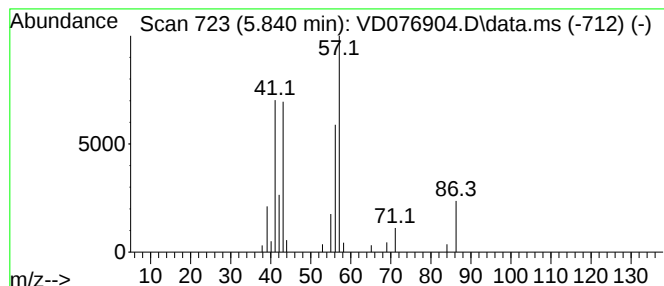
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Peak Number 3 2-Ethyl-oxetane Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.840 | 6.93 ug/l | 63313 | Pentafluorobenzene | 7.875 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Ethyl-oxetane               | 86  | C5H10O  | 1010386-40-2 | 80   |
| 2    |    |   | n-Hexane                      | 86  | C6H14   | 000110-54-3  | 72   |
| 3    |    |   | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20   | 001186-53-4  | 50   |
| 4    |    |   | Furan, tetrahydro-3-methyl-   | 86  | C5H10O  | 013423-15-9  | 38   |
| 5    |    |   | 1-Pentene, 4-methyl-          | 84  | C6H12   | 000691-37-2  | 37   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Ethyl-oxetane  | 5.840 | 6.9     | ug/l  | 63313    | 1                     | 7.875 | 456755 | 50.0 |