

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090123\  
 Data File : VY015423.D  
 Acq On : 01 Sep 2023 18:15  
 Operator : SY/MD  
 Sample : 04283-04  
 Misc : 4.85g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-4

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: VY015423.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         | 4.710       | 461           | 474         | 492          | rBV      | 57385          | 181192        | 25.55%          | 3.728%        |
| 2         | 5.740       | 631           | 643         | 655          | rBV3     | 15281          | 46599         | 6.57%           | 0.959%        |
| 3         | 6.978       | 831           | 846         | 869          | rBV      | 80024          | 253263        | 35.71%          | 5.210%        |
| 4         | 7.716       | 956           | 967         | 972          | rBV      | 102252         | 245234        | 34.58%          | 5.045%        |
| 5         | 7.789       | 972           | 979         | 993          | rVB      | 176952         | 402881        | 56.80%          | 8.288%        |
| 6         | 8.136       | 1020          | 1036        | 1050         | rBV2     | 134960         | 392519        | 55.34%          | 8.075%        |
| 7         | 8.685       | 1116          | 1126        | 1140         | rVB      | 266196         | 525521        | 74.09%          | 10.811%       |
| 8         | 10.179      | 1363          | 1371        | 1382         | rBV      | 421643         | 709269        | 100.00%         | 14.591%       |
| 9         | 10.575      | 1430          | 1436        | 1444         | rBV      | 62017          | 111878        | 15.77%          | 2.302%        |
| 10        | 10.709      | 1453          | 1458        | 1464         | rVB3     | 5025           | 8127          | 1.15%           | 0.167%        |
| 11        | 10.941      | 1490          | 1496        | 1507         | rBV      | 59527          | 106068        | 14.95%          | 2.182%        |
| 12        | 11.038      | 1507          | 1512        | 1519         | rVB3     | 6388           | 11125         | 1.57%           | 0.229%        |
| 13        | 11.319      | 1553          | 1558        | 1564         | rVB      | 10748          | 17758         | 2.50%           | 0.365%        |
| 14        | 11.489      | 1579          | 1586        | 1597         | rBV      | 390152         | 627623        | 88.49%          | 12.912%       |
| 15        | 12.331      | 1719          | 1724        | 1731         | rVB2     | 8506           | 14279         | 2.01%           | 0.294%        |
| 16        | 12.483      | 1740          | 1749        | 1759         | rBV2     | 330218         | 541611        | 76.36%          | 11.142%       |
| 17        | 12.812      | 1798          | 1803        | 1811         | rBV4     | 5119           | 8869          | 1.25%           | 0.182%        |
| 18        | 13.282      | 1873          | 1880        | 1886         | rBV4     | 3838           | 7362          | 1.04%           | 0.151%        |
| 19        | 13.422      | 1894          | 1903        | 1909         | rBV      | 400493         | 609829        | 85.98%          | 12.546%       |
| 20        | 13.477      | 1909          | 1912        | 1919         | rVB2     | 4078           | 7797          | 1.10%           | 0.160%        |
| 21        | 13.959      | 1985          | 1991        | 1999         | rBV2     | 11497          | 19365         | 2.73%           | 0.398%        |
| 22        | 15.312      | 2206          | 2213        | 2220         | rVB3     | 7738           | 12728         | 1.79%           | 0.262%        |

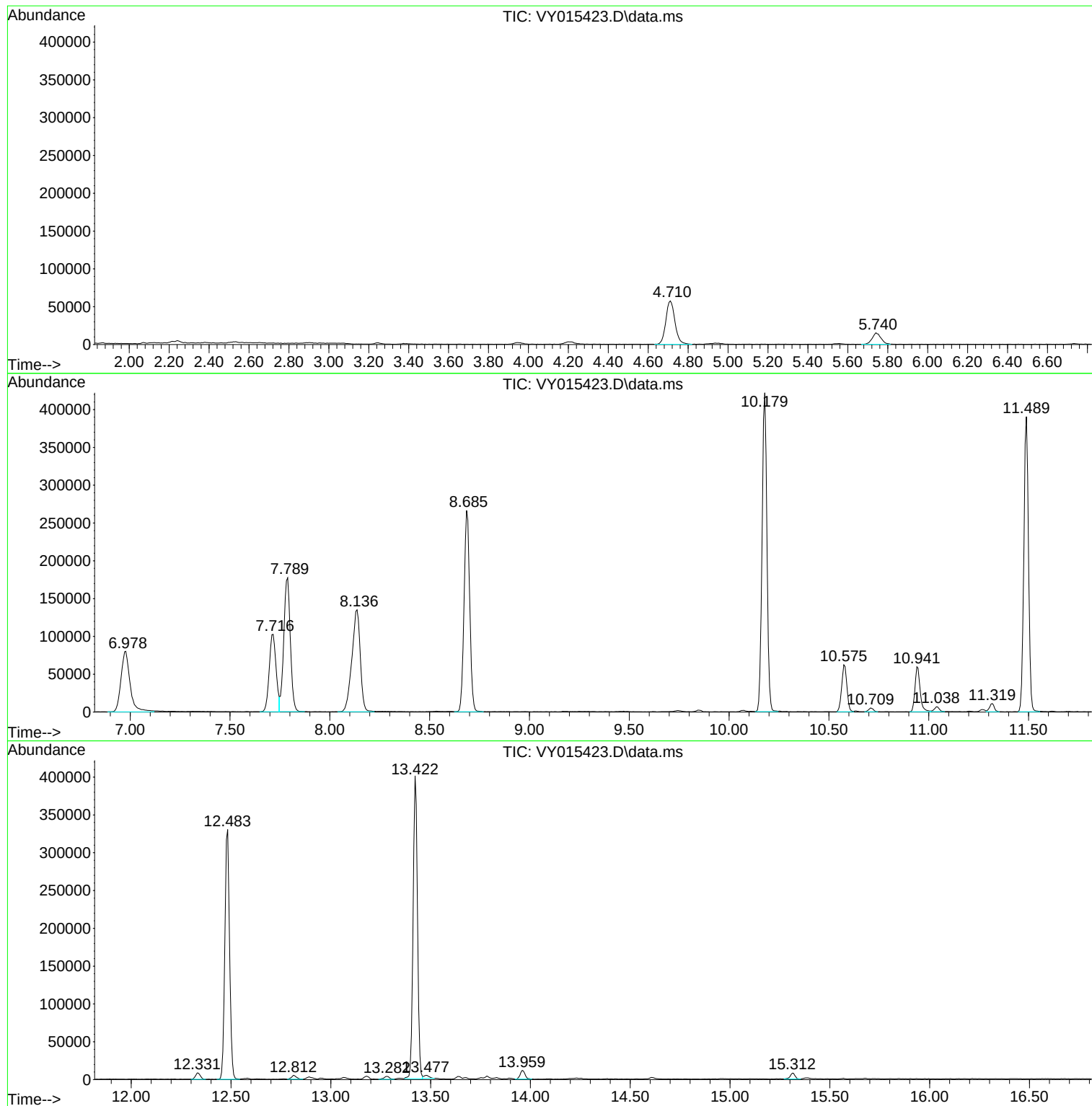
Sum of corrected areas: 4860897

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MSVOA\_Y  
ClientSampleId :  
SB-4

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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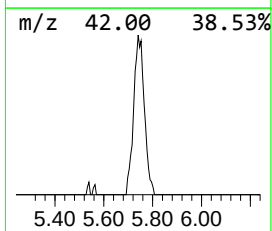
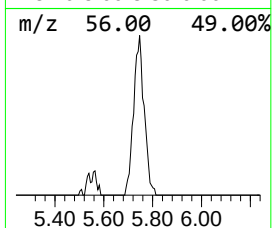
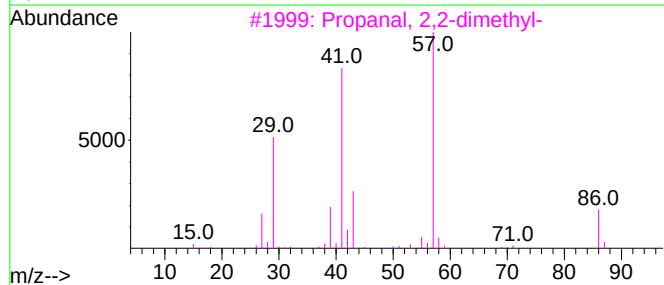
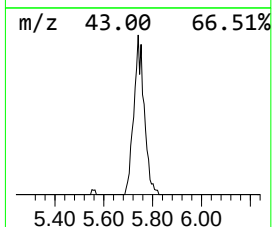
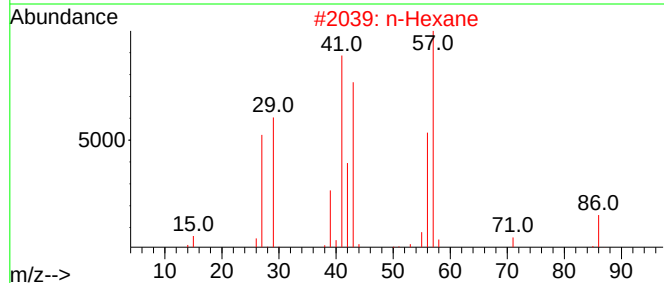
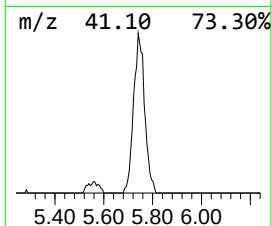
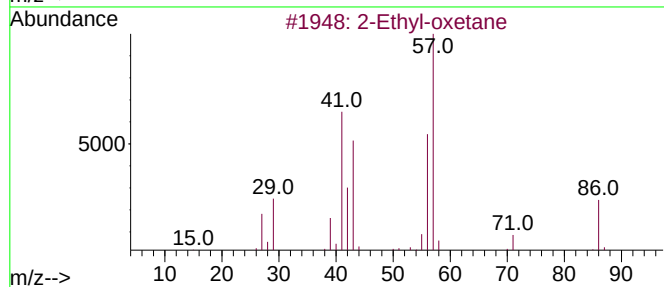
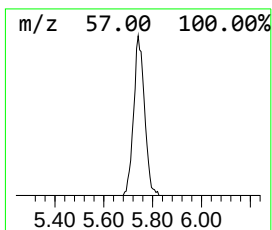
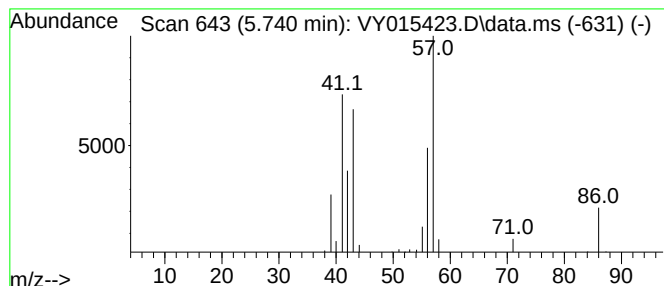
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 2-Ethyl-oxetane Concentration Rank 4

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.740 | 5.78 ug/l | 46599 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#         | Qual |
|------|----|---|--------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Ethyl-oxetane          | 86  | C5H10O  | 1010386-40-2 | 90   |
| 2    |    |   | n-Hexane                 | 86  | C6H14   | 000110-54-3  | 78   |
| 3    |    |   | Propanal, 2,2-dimethyl-  | 86  | C5H10O  | 000630-19-3  | 35   |
| 4    |    |   | 1-Pentene, 4-methyl-     | 84  | C6H12   | 000691-37-2  | 33   |
| 5    |    |   | 1-Butanol, 3,3-dimethyl- | 102 | C6H14O  | 000624-95-3  | 28   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Ethyl-oxetane  | 5.740 | 5.8     | ug/l  | 46599    | 1                     | 7.789 | 402881 | 50.0 |