

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051624\  
 Data File : VY018293.D  
 Acq On : 16 May 2024 18:22  
 Operator : SY/MD  
 Sample : P2513-01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-13

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\82Y050724S.M

Title : SW846 8260

Signal : TIC: VY018293.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       | 464           | 473         | 483          | rBV2     | 21684          | 66891         | 8.13%           | 1.539%        |
| 2         | 5.741       | 633           | 643         | 653          | rBV4     | 16495          | 49416         | 6.01%           | 1.137%        |
| 3         | 6.978       | 835           | 846         | 856          | rBV2     | 16518          | 55965         | 6.80%           | 1.287%        |
| 4         | 7.710       | 954           | 966         | 972          | rBV      | 110889         | 268156        | 32.59%          | 6.168%        |
| 5         | 7.783       | 972           | 978         | 989          | rVB      | 181173         | 408017        | 49.59%          | 9.385%        |
| 6         | 8.136       | 1026          | 1036        | 1046         | rBV      | 96062          | 222716        | 27.07%          | 5.123%        |
| 7         | 8.685       | 1117          | 1126        | 1137         | rBV      | 318273         | 609463        | 74.08%          | 14.019%       |
| 8         | 10.179      | 1363          | 1371        | 1380         | rBV      | 483536         | 822726        | 100.00%         | 18.925%       |
| 9         | 10.581      | 1429          | 1437        | 1442         | rBV2     | 14612          | 27893         | 3.39%           | 0.642%        |
| 10        | 10.947      | 1492          | 1497        | 1504         | rBV2     | 13918          | 25841         | 3.14%           | 0.594%        |
| 11        | 11.490      | 1579          | 1586        | 1596         | rBV      | 437780         | 702620        | 85.40%          | 16.162%       |
| 12        | 12.483      | 1740          | 1749        | 1759         | rBV      | 297164         | 494919        | 60.16%          | 11.384%       |
| 13        | 13.184      | 1858          | 1864        | 1871         | rVB4     | 4494           | 10171         | 1.24%           | 0.234%        |
| 14        | 13.422      | 1896          | 1903        | 1911         | rBV      | 344268         | 549631        | 66.81%          | 12.643%       |
| 15        | 13.959      | 1985          | 1991        | 1998         | rBV2     | 6676           | 11459         | 1.39%           | 0.264%        |
| 16        | 15.312      | 2202          | 2213        | 2218         | rBV2     | 11324          | 21436         | 2.61%           | 0.493%        |

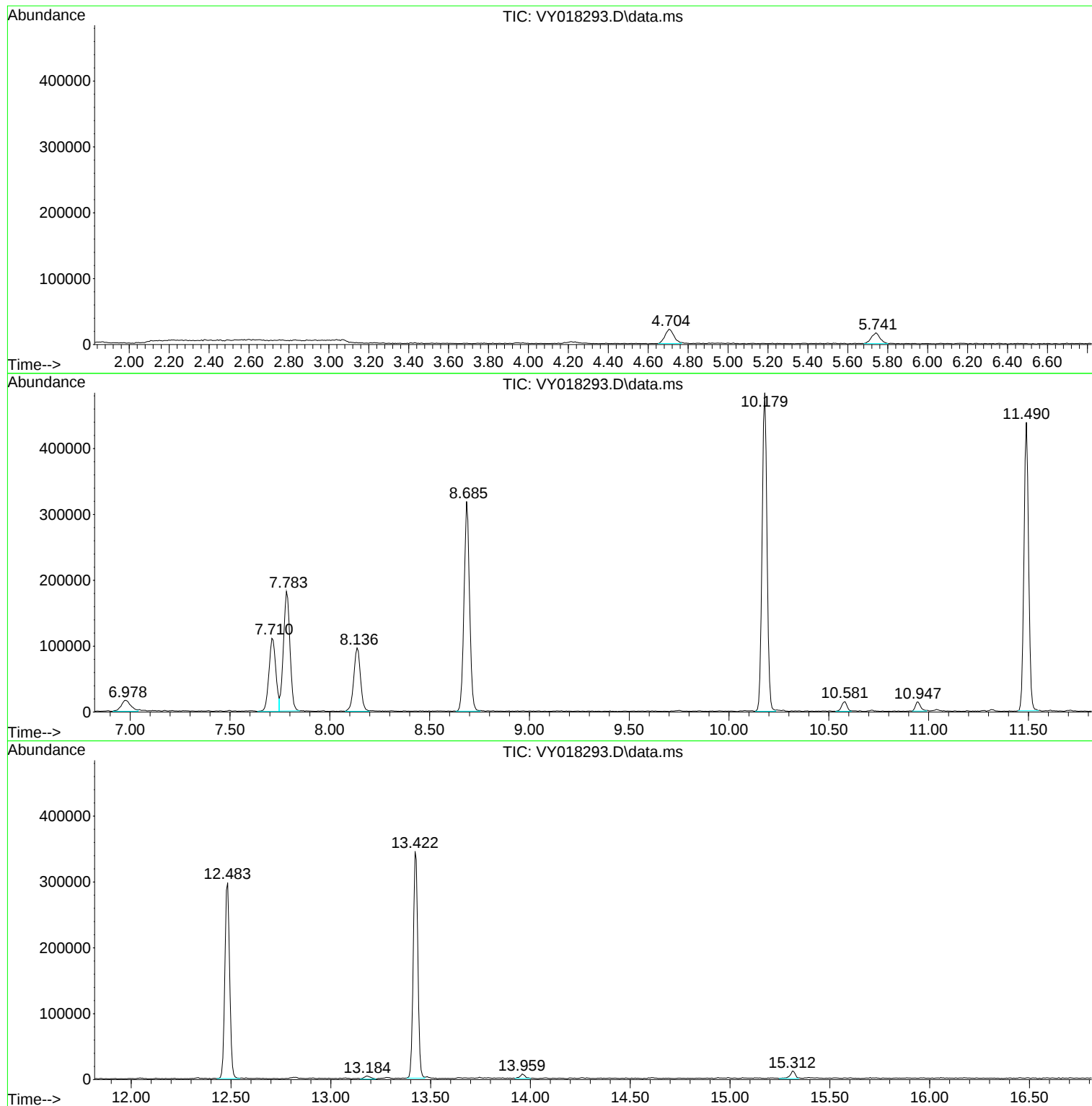
Sum of corrected areas: 4347320

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051624\  
Data File : VY018293.D  
Acq On : 16 May 2024 18:22  
Operator : SY/MD  
Sample : P2513-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051624\  
Data File : VY018293.D  
Acq On : 16 May 2024 18:22  
Operator : SY/MD  
Sample : P2513-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
Quant Title : SW846 8260

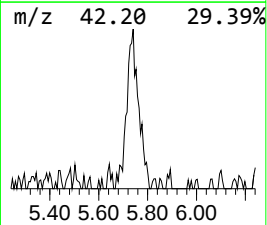
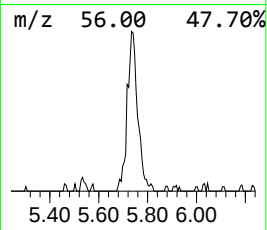
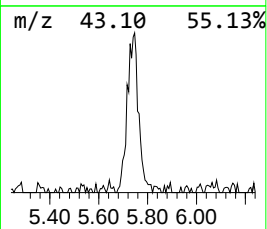
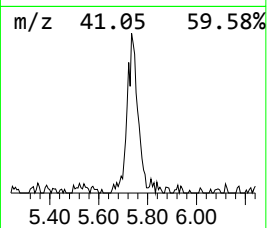
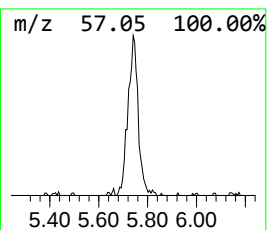
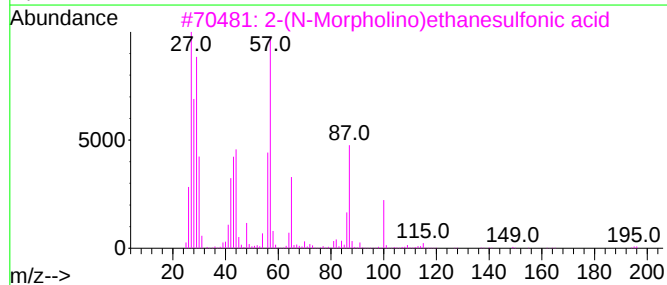
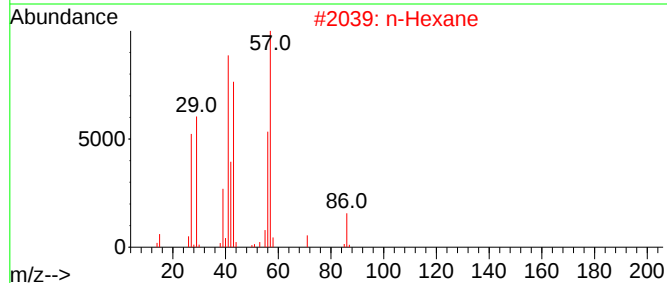
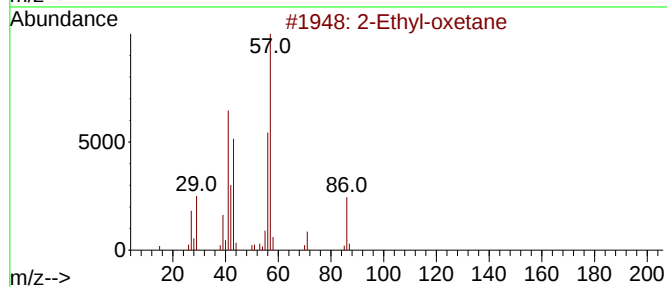
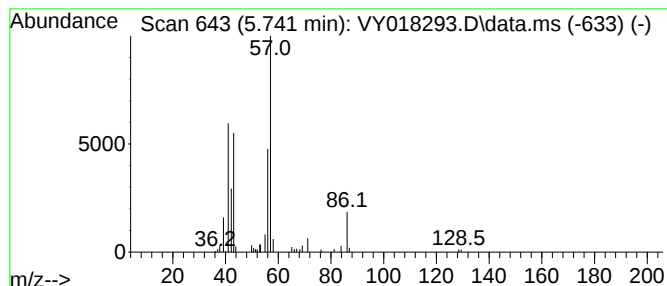
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 2-Ethyl-oxetane Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.741 | 6.06 ug/l | 49416 | Pentafluorobenzene | 7.783 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 2-Ethyl-oxetane                     | 86  | C5H10O    | 1010386-40-2 | 72   |
| 2    |    |   | n-Hexane                            | 86  | C6H14     | 000110-54-3  | 56   |
| 3    |    |   | 2-(N-Morpholino)ethanesulfonic acid | 195 | C6H13NO4S | 004432-31-9  | 40   |
| 4    |    |   | Morpholine                          | 87  | C4H9NO    | 000110-91-8  | 38   |
| 5    |    |   | Pentane, 2,2,3,4-tetramethyl-       | 128 | C9H20     | 001186-53-4  | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051624\  
Data File : VY018293.D  
Acq On : 16 May 2024 18:22  
Operator : SY/MD  
Sample : P2513-01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
TP-13

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y050724S.M  
Quant Title : SW846 8260

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

| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| 2-Ethyl-oxetane  | 5.741 | 6.1     | ug/l  | 49416    | 1                     | 7.783 | 408017 | 50.0 |