

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111523\  
 Data File : VY016361.D  
 Acq On : 15 Nov 2023 13:14  
 Operator : SY/MD  
 Sample : 05408-07  
 Misc : 7.28g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 710-PLAINFIELD-AVE

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\82Y110823S.M

Title : SW846 8260

Signal : TIC: VY016361.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         | 2.253       | 65            | 71          | 77           | rVB3     | 3177           | 6014          | 1.14%           | 0.184%        |
| 2         | 4.734       | 468           | 478         | 497          | rBV6     | 4901           | 18245         | 3.46%           | 0.559%        |
| 3         | 5.771       | 636           | 648         | 667          | rVB      | 114962         | 352458        | 66.88%          | 10.793%       |
| 4         | 7.734       | 961           | 970         | 976          | rBV2     | 77122          | 186801        | 35.45%          | 5.720%        |
| 5         | 7.807       | 976           | 982         | 998          | rVB      | 123611         | 277452        | 52.65%          | 8.496%        |
| 6         | 8.155       | 1031          | 1039        | 1053         | rBV      | 79296          | 177206        | 33.62%          | 5.426%        |
| 7         | 8.703       | 1121          | 1129        | 1140         | rBV      | 194929         | 385796        | 73.20%          | 11.814%       |
| 8         | 10.191      | 1366          | 1373        | 1380         | rBV      | 310011         | 527011        | 100.00%         | 16.138%       |
| 9         | 10.258      | 1380          | 1384        | 1392         | rVB      | 7737           | 13212         | 2.51%           | 0.405%        |
| 10        | 11.501      | 1580          | 1588        | 1599         | rBV      | 297042         | 488198        | 92.64%          | 14.950%       |
| 11        | 12.495      | 1743          | 1751        | 1762         | rBV      | 233829         | 369713        | 70.15%          | 11.321%       |
| 12        | 13.154      | 1853          | 1859        | 1865         | rVB2     | 4985           | 8890          | 1.69%           | 0.272%        |
| 13        | 13.434      | 1899          | 1905        | 1913         | rBV      | 293261         | 449328        | 85.26%          | 13.759%       |
| 14        | 14.806      | 2125          | 2130        | 2135         | rVB2     | 3411           | 5322          | 1.01%           | 0.163%        |

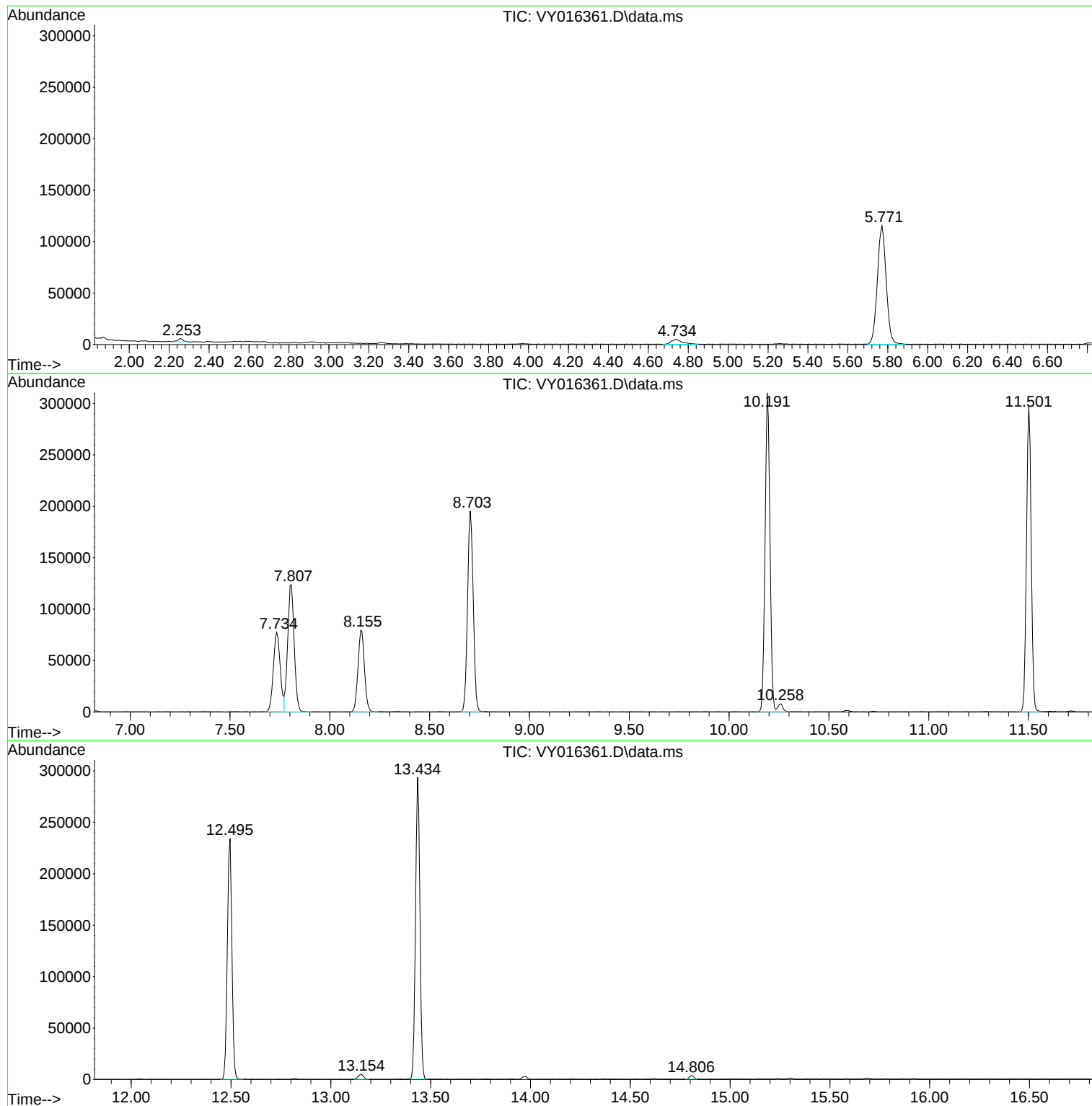
Sum of corrected areas: 3265646

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111523\  
Data File : VY016361.D  
Acq On : 15 Nov 2023 13:14  
Operator : SY/MD  
Sample : 05408-07  
Misc : 7.28g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
710-PLAINFIELD-AVE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110823S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111523\  
Data File : VY016361.D  
Acq On : 15 Nov 2023 13:14  
Operator : SY/MD  
Sample : 05408-07  
Misc : 7.28g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
710-PLAINFIELD-AVE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110823S.M  
Quant Title : SW846 8260

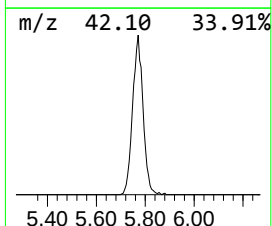
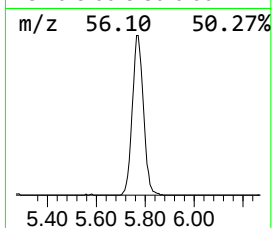
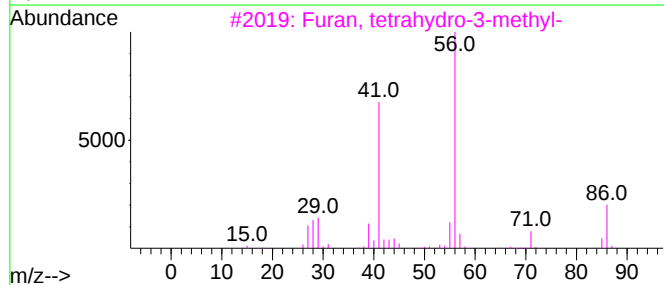
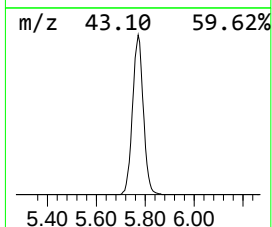
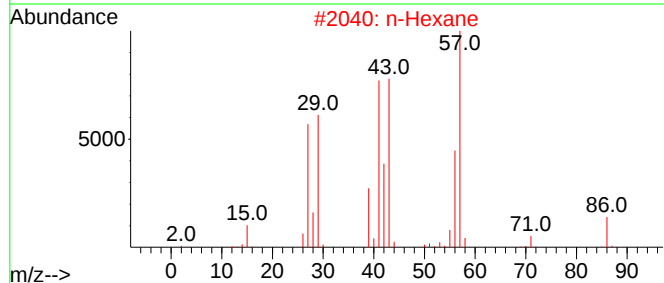
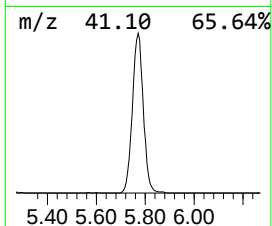
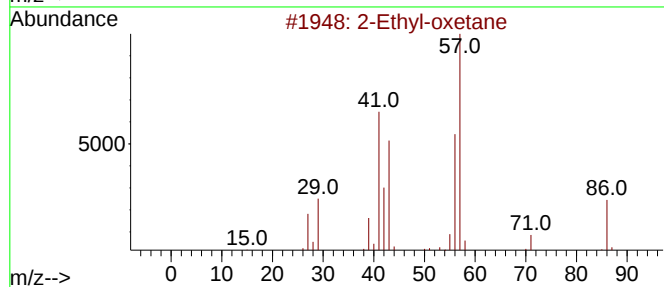
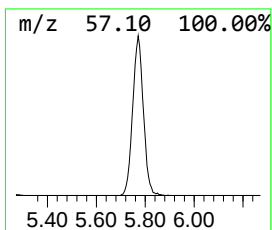
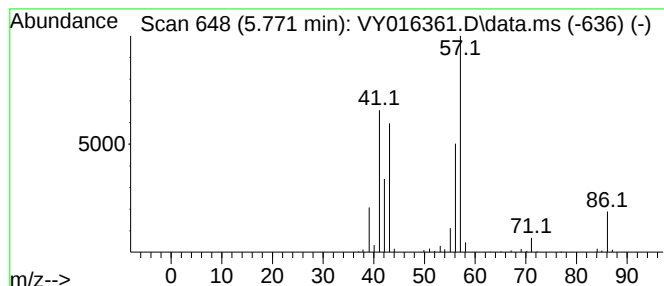
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 1 2-Ethyl-oxetane Concentration Rank 1

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 5.771 | 63.52 ug/l | 352458 | Pentafluorobenzene | 7.807 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#         | Qual |
|------|----|---|------------------------------|-----|---------|--------------|------|
| 1    |    |   | 2-Ethyl-oxetane              | 86  | C5H10O  | 1010386-40-2 | 91   |
| 2    |    |   | n-Hexane                     | 86  | C6H14   | 000110-54-3  | 83   |
| 3    |    |   | Furan, tetrahydro-3-methyl-  | 86  | C5H10O  | 013423-15-9  | 49   |
| 4    |    |   | Hydroperoxide, hexyl         | 118 | C6H14O2 | 004312-76-9  | 40   |
| 5    |    |   | Hexane, 2,2,5,5-tetramethyl- | 142 | C10H22  | 001071-81-4  | 37   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY111523\  
Data File : VY016361.D  
Acq On : 15 Nov 2023 13:14  
Operator : SY/MD  
Sample : 05408-07  
Misc : 7.28g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
710-PLAINFIELD-AVE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y110823S.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  | 5.771 | 63.5    | ug/l  | 352458   | 1                     | 7.807 | 277452 | 50.0 |