

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030624\  
Data File : VY017596.D  
Acq On : 06 Mar 2024 17:50  
Operator : SY/MD  
Sample : P1688-05  
Misc : 4.80g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
COMP-5

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022324S.M

Title : SW846 8260

Signal : TIC: VY017596.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         | 2.241       | 61            | 69          | 78           | rBV      | 19224          | 32708         | 5.71%           | 1.086%        |
| 2         | 4.710       | 463           | 474         | 483          | rVB3     | 4428           | 13814         | 2.41%           | 0.459%        |
| 3         | 6.984       | 840           | 847         | 860          | rBV2     | 1795           | 6167          | 1.08%           | 0.205%        |
| 4         | 7.716       | 953           | 967         | 973          | rBV      | 90472          | 220747        | 38.53%          | 7.330%        |
| 5         | 7.783       | 973           | 978         | 990          | rVB      | 130891         | 294751        | 51.45%          | 9.787%        |
| 6         | 8.136       | 1024          | 1036        | 1049         | rBV      | 81810          | 177972        | 31.06%          | 5.910%        |
| 7         | 8.691       | 1118          | 1127        | 1137         | rBV      | 214074         | 426467        | 74.43%          | 14.161%       |
| 8         | 10.179      | 1364          | 1371        | 1381         | rBV      | 338750         | 572942        | 100.00%         | 19.025%       |
| 9         | 10.581      | 1429          | 1437        | 1444         | rBV      | 5779           | 10367         | 1.81%           | 0.344%        |
| 10        | 11.490      | 1579          | 1586        | 1599         | rBV      | 306913         | 507914        | 88.65%          | 16.866%       |
| 11        | 12.483      | 1743          | 1749        | 1759         | rBV      | 213059         | 335754        | 58.60%          | 11.149%       |
| 12        | 13.428      | 1897          | 1904        | 1912         | rBV      | 269099         | 411921        | 71.90%          | 13.678%       |

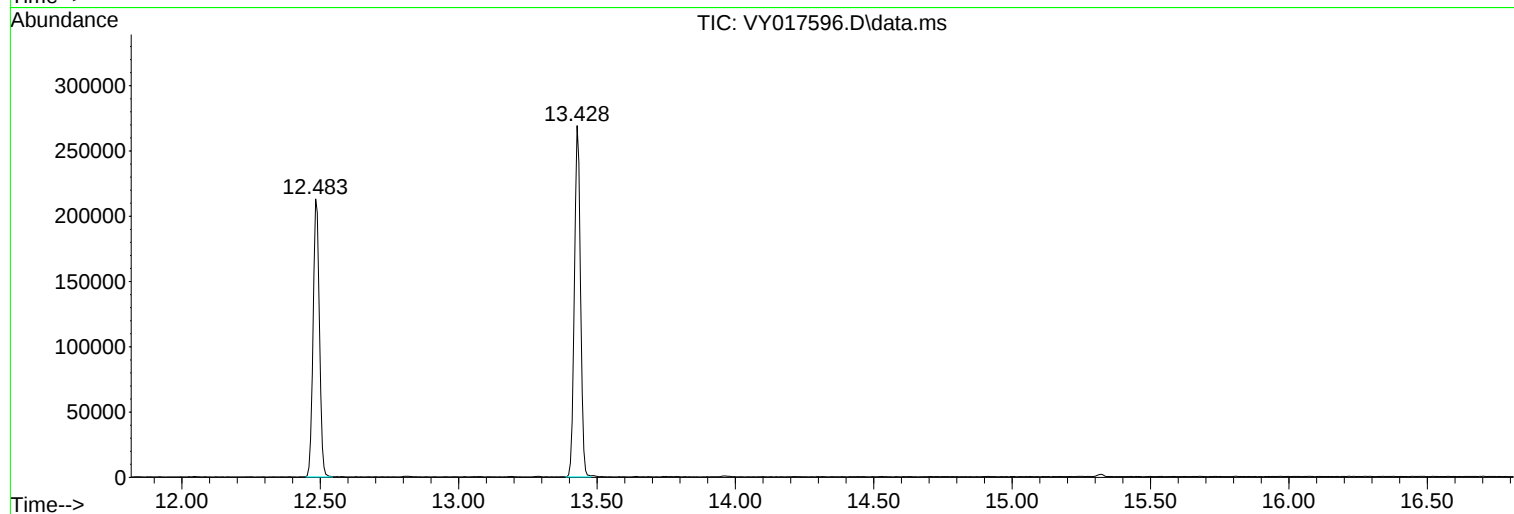
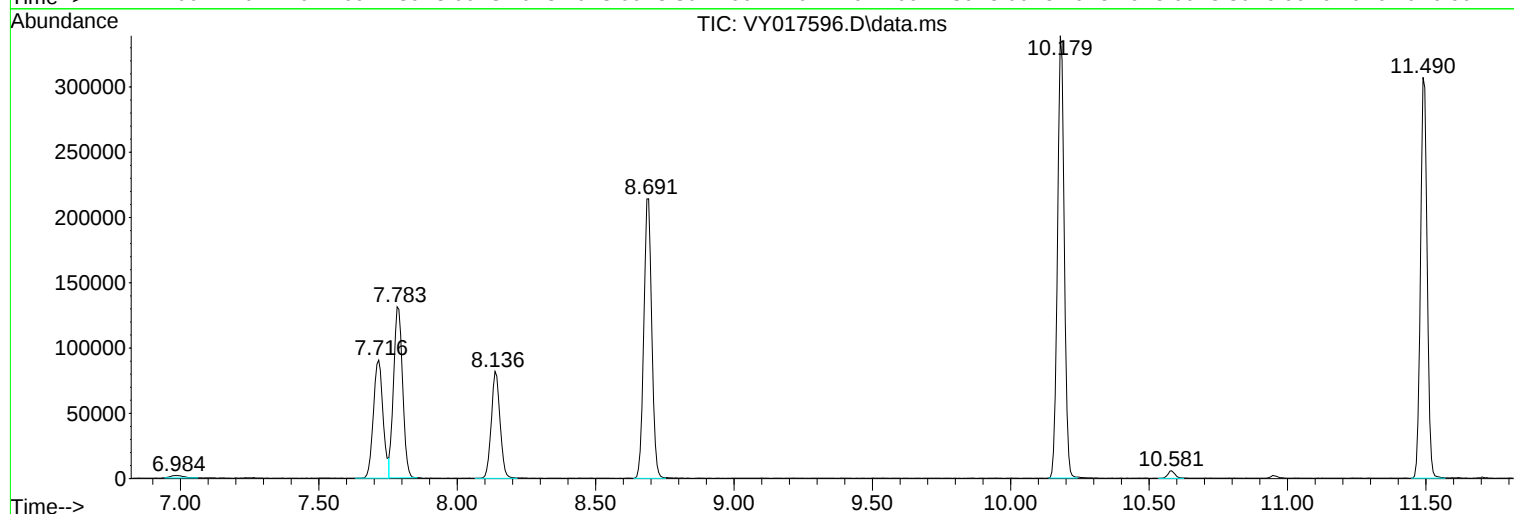
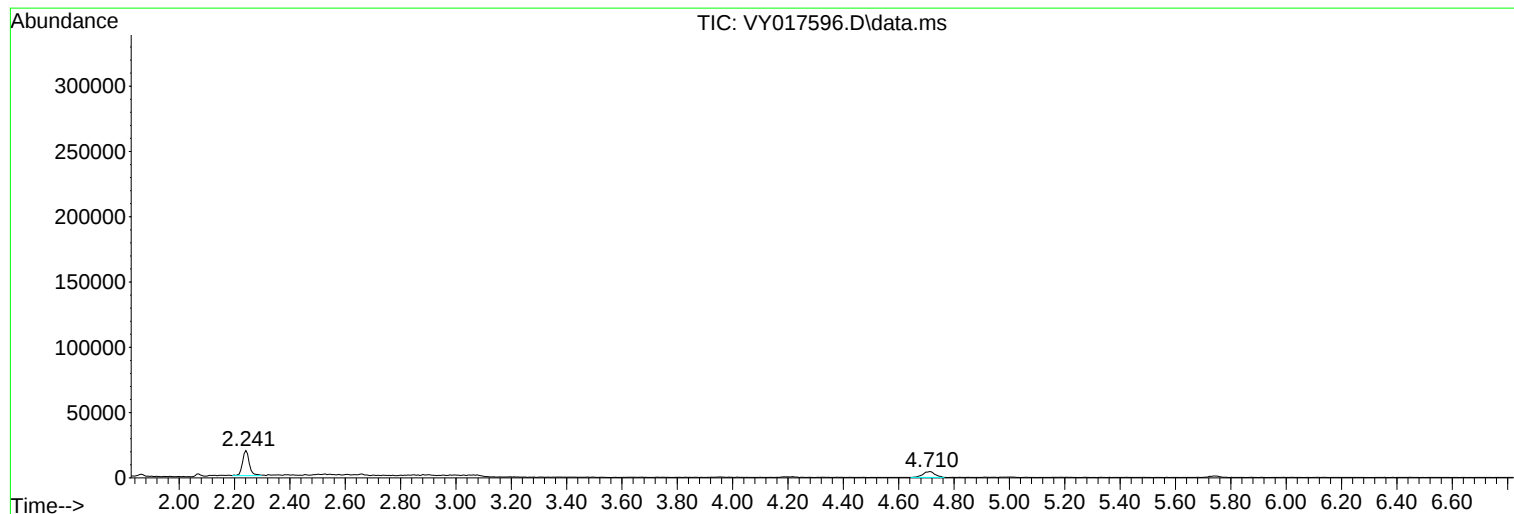
Sum of corrected areas: 3011524

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COMP-5

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y022324S.M  
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

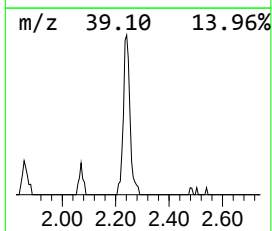
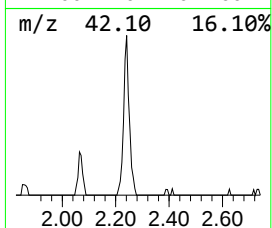
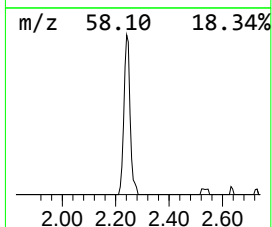
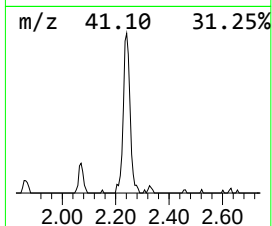
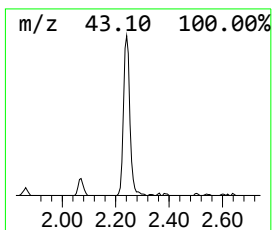
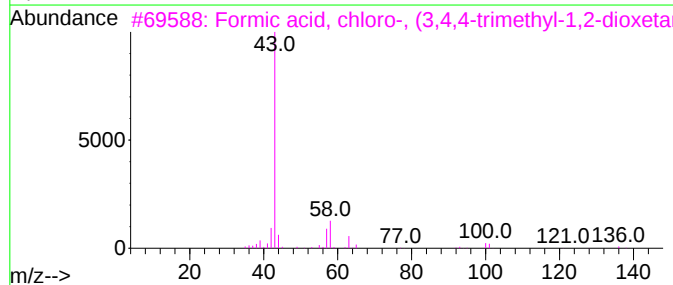
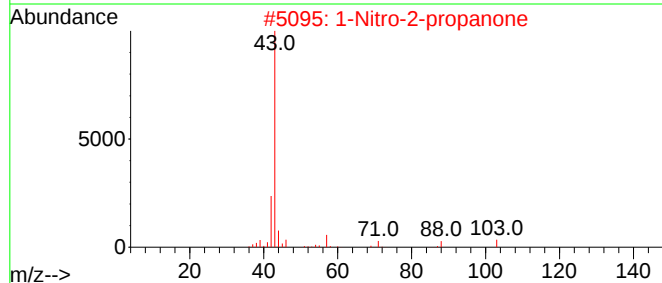
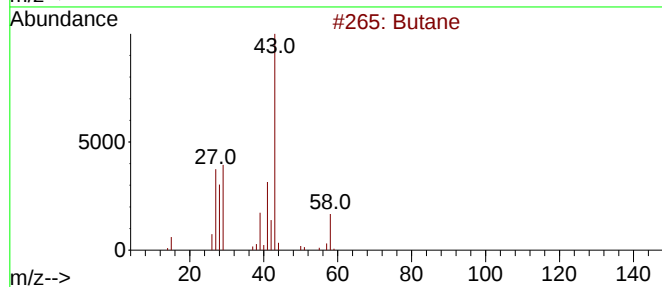
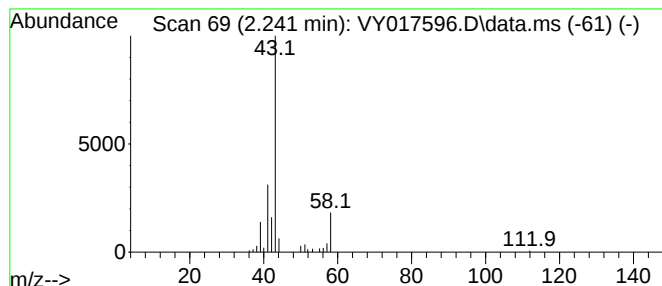
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.241 | 5.55 ug/l | 32708 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Butane                              | 58  | C4H10     | 000106-97-8 | 64   |
| 2    |    |   | 1-Nitro-2-propanone                 | 103 | C3H5NO3   | 010230-68-9 | 9    |
| 3    |    |   | Formic acid, chloro-, (3,4,4-tri... | 194 | C7H11ClO4 | 107323-92-2 | 9    |
| 4    |    |   | 1,3-Butadien-1-ol, acetate          | 112 | C6H8O2    | 001515-76-0 | 9    |
| 5    |    |   | Butane, 2,3-dimethyl-               | 86  | C6H14     | 000079-29-8 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane           | 2.241 | 5.5     | ug/l  | 32708    | 1                     | 7.789 | 294751 | 50.0 |