

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030624\  
Data File : VY017595.D  
Acq On : 06 Mar 2024 17:26  
Operator : SY/MD  
Sample : P1688-04  
Misc : 3.65g/5.0mL/MSVOA\_Y/SOIL/A  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
COMP-4

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: VY017595.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       | 60            | 69          | 80           | rBV      | 17785          | 30678         | 5.41%           | 1.026%        |
| 2         | 4.716       | 464           | 475         | 484          | rBV4     | 5591           | 17084         | 3.01%           | 0.571%        |
| 3         | 6.984       | 836           | 847         | 855          | rBV3     | 2443           | 8432          | 1.49%           | 0.282%        |
| 4         | 7.710       | 957           | 966         | 972          | rBV      | 88771          | 212242        | 37.42%          | 7.096%        |
| 5         | 7.789       | 972           | 979         | 990          | rVB      | 131738         | 304670        | 53.71%          | 10.187%       |
| 6         | 8.136       | 1026          | 1036        | 1045         | rBV2     | 78242          | 174807        | 30.82%          | 5.845%        |
| 7         | 8.691       | 1118          | 1127        | 1137         | rBV      | 217135         | 425891        | 75.08%          | 14.239%       |
| 8         | 10.179      | 1363          | 1371        | 1388         | rBV      | 331324         | 567230        | 100.00%         | 18.965%       |
| 9         | 10.581      | 1430          | 1437        | 1442         | rBV      | 6673           | 11707         | 2.06%           | 0.391%        |
| 10        | 11.489      | 1579          | 1586        | 1599         | rBV      | 311630         | 500427        | 88.22%          | 16.732%       |
| 11        | 12.483      | 1742          | 1749        | 1759         | rBV      | 208134         | 328656        | 57.94%          | 10.988%       |
| 12        | 13.428      | 1898          | 1904        | 1911         | rBV      | 266206         | 403373        | 71.11%          | 13.487%       |
| 13        | 15.318      | 2209          | 2214        | 2220         | rVB      | 3874           | 5716          | 1.01%           | 0.191%        |

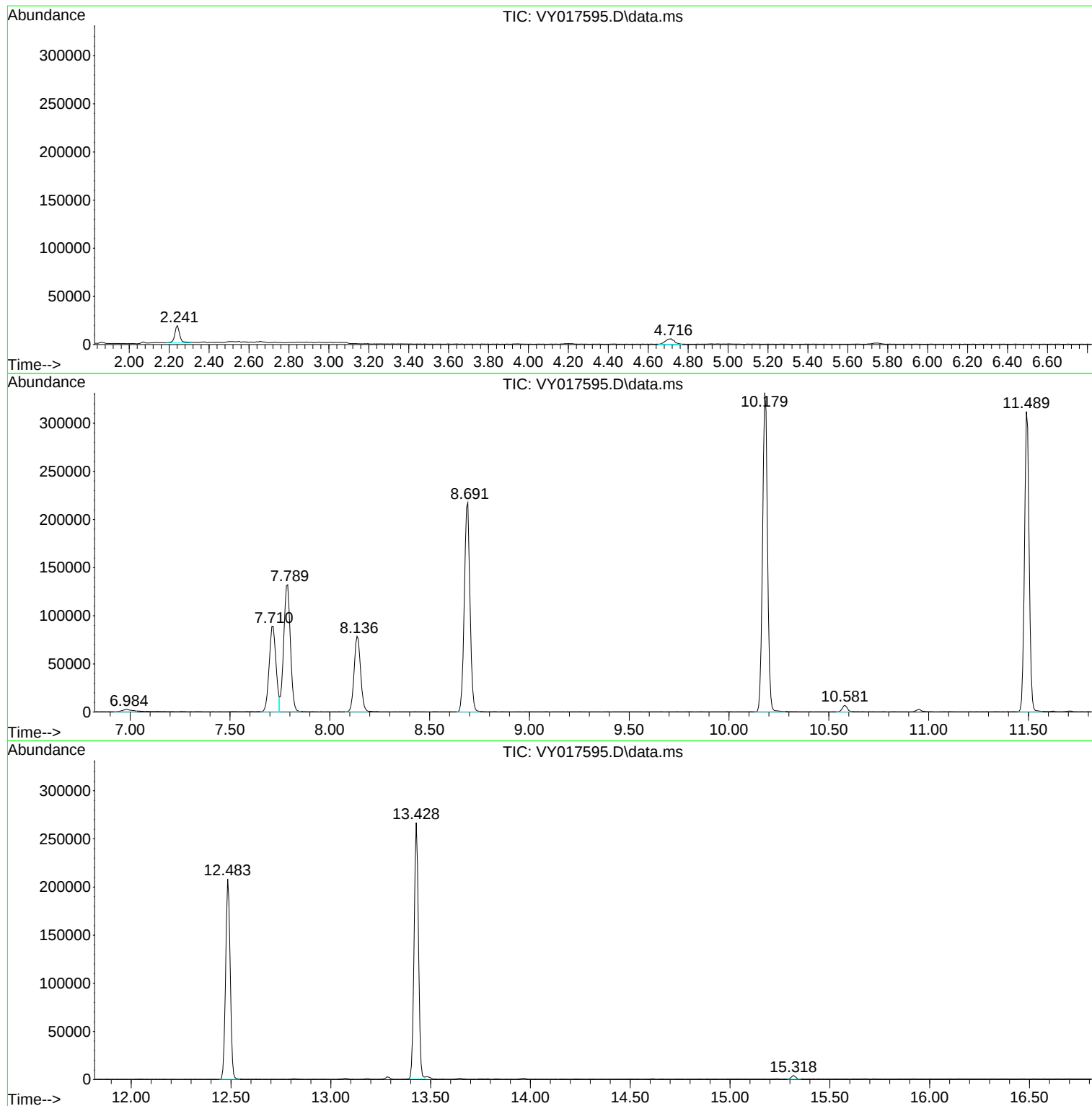
Sum of corrected areas: 2990913

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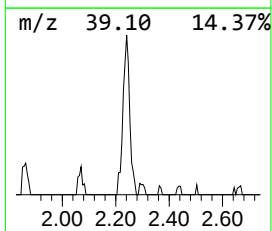
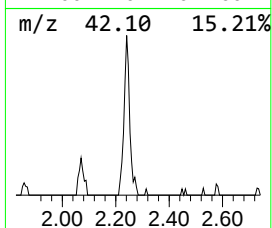
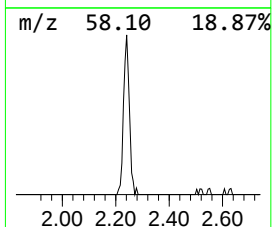
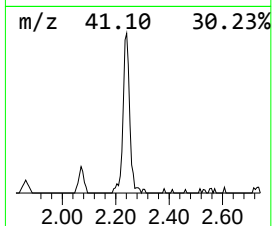
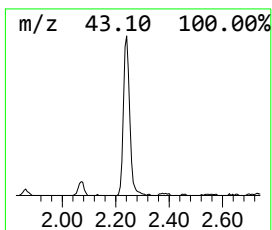
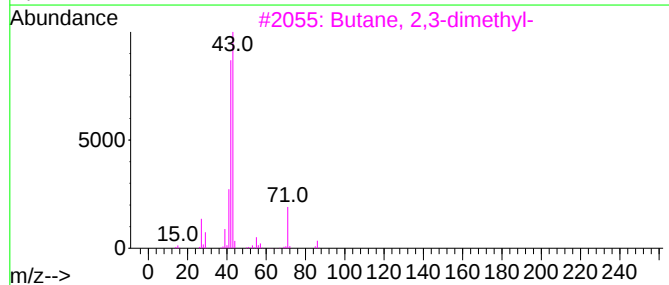
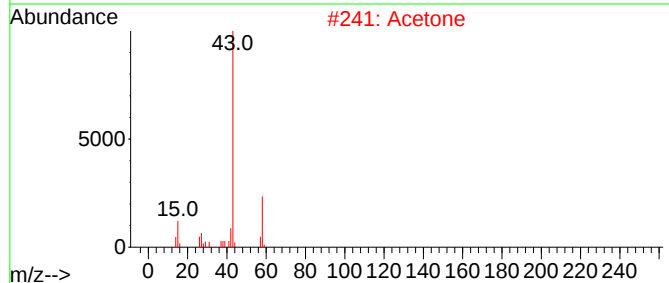
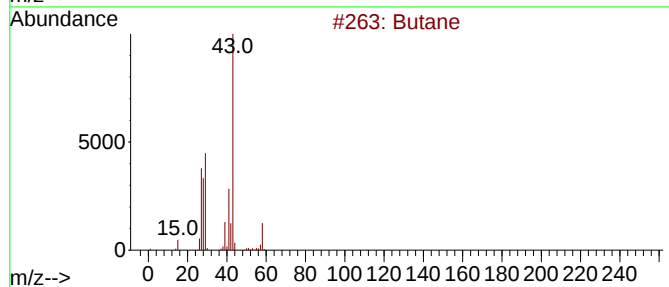
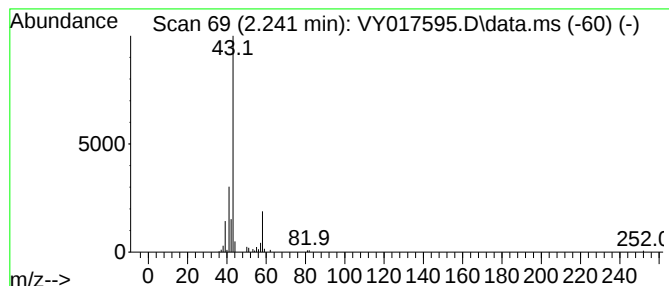
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.241 | 5.03 ug/l | 30678 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Butane                              | 58  | C4H10     | 000106-97-8 | 64   |
| 2    |    |   | Acetone                             | 58  | C3H6O     | 000067-64-1 | 9    |
| 3    |    |   | Butane, 2,3-dimethyl-               | 86  | C6H14     | 000079-29-8 | 9    |
| 4    |    |   | 2-Pentanone, 5-chloro-              | 120 | C5H9ClO   | 005891-21-4 | 9    |
| 5    |    |   | Formic acid, chloro-, (3,4,4-tri... | 194 | C7H11ClO4 | 107323-92-2 | 9    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Butane           | 2.241 | 5.0     | ug/l  | 30678    | 1                     | 7.789 | 304670 | 50.0 |