

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY030624\  
 Data File : VY017593.D  
 Acq On : 06 Mar 2024 16:38  
 Operator : SY/MD  
 Sample : P1688-02  
 Misc : 3.92g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 COMP-2

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\82Y022324S.M

Title : SW846 8260

Signal : TIC: VY017593.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         | 2.235       | 60            | 68          | 75           | rBV      | 16710          | 29609         | 5.31%           | 1.019%        |
| 2         | 4.698       | 463           | 472         | 474          | rBV2     | 6413           | 11897         | 2.13%           | 0.410%        |
| 3         | 5.734       | 635           | 642         | 652          | rVB6     | 1930           | 5819          | 1.04%           | 0.200%        |
| 4         | 7.710       | 956           | 966         | 972          | rBV      | 85649          | 206312        | 37.02%          | 7.102%        |
| 5         | 7.783       | 972           | 978         | 993          | rVB      | 131514         | 295800        | 53.08%          | 10.183%       |
| 6         | 8.136       | 1025          | 1036        | 1051         | rBV      | 75880          | 168005        | 30.15%          | 5.783%        |
| 7         | 8.685       | 1117          | 1126        | 1137         | rBV      | 210874         | 413631        | 74.23%          | 14.239%       |
| 8         | 10.179      | 1364          | 1371        | 1389         | rBV      | 339331         | 557253        | 100.00%         | 19.183%       |
| 9         | 10.581      | 1429          | 1437        | 1442         | rBV      | 6684           | 12650         | 2.27%           | 0.435%        |
| 10        | 11.489      | 1578          | 1586        | 1600         | rBV      | 298210         | 488051        | 87.58%          | 16.801%       |
| 11        | 12.483      | 1742          | 1749        | 1760         | rVB      | 207209         | 321552        | 57.70%          | 11.069%       |
| 12        | 13.428      | 1898          | 1904        | 1911         | rBV      | 264642         | 394333        | 70.76%          | 13.575%       |

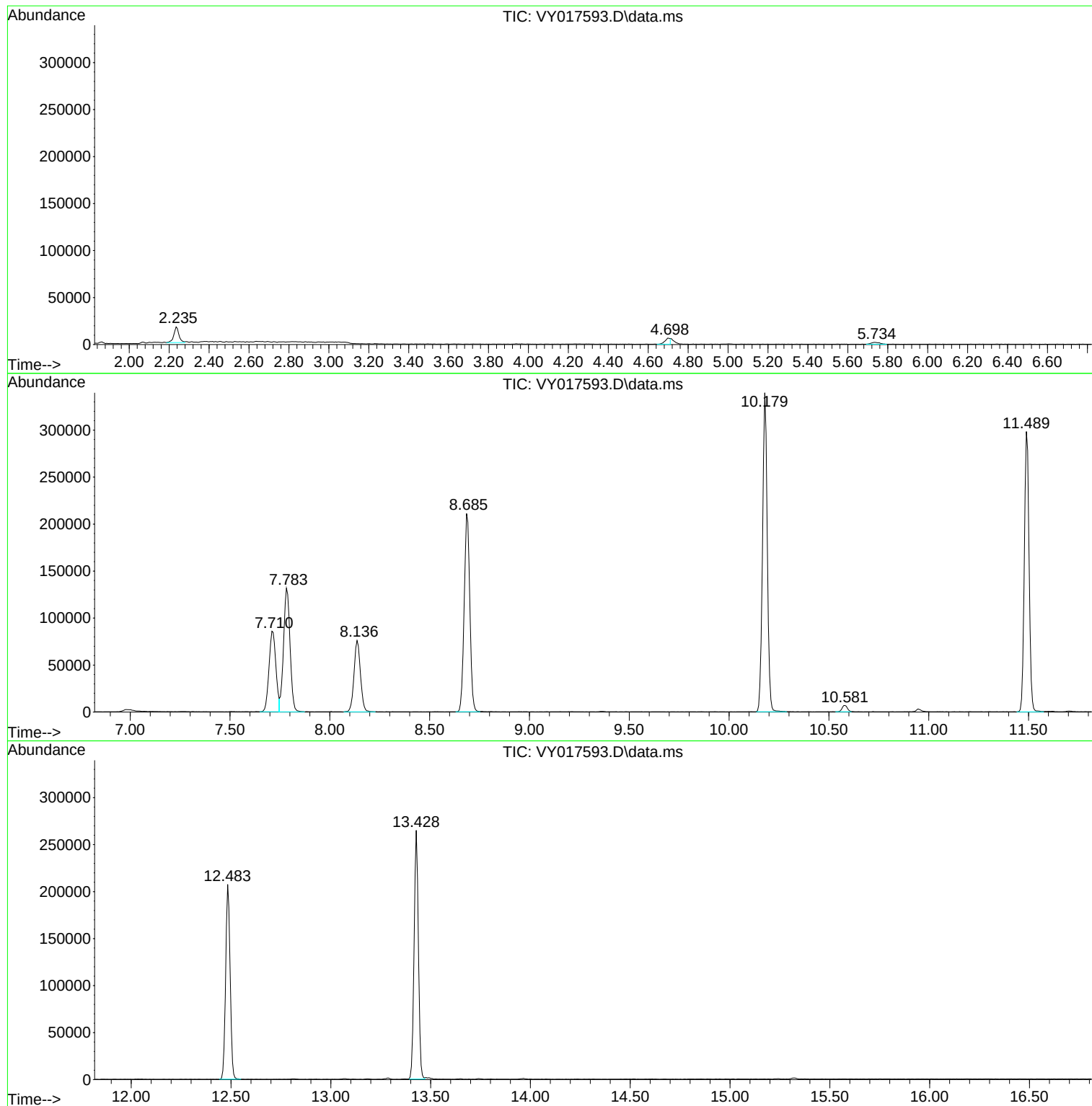
Sum of corrected areas: 2904912

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ClientSampleId :  
COMP-2

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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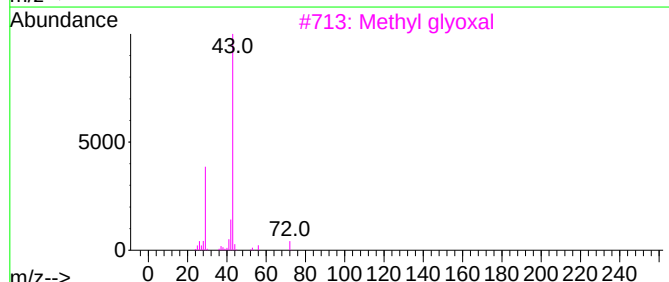
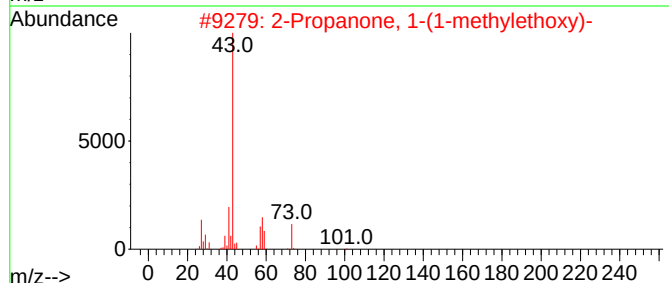
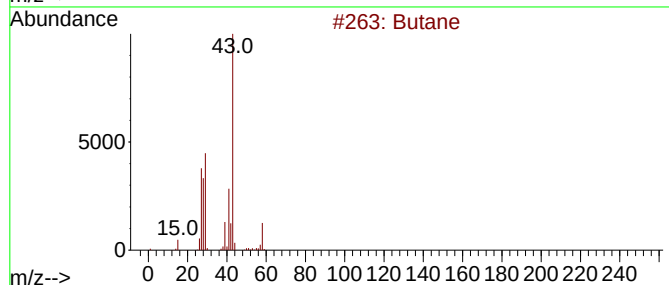
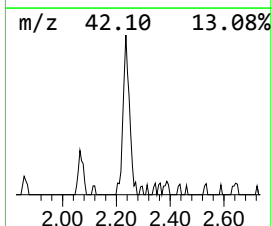
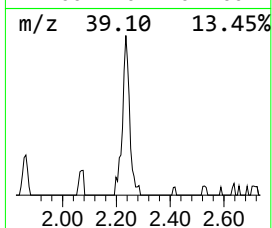
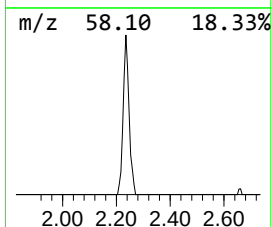
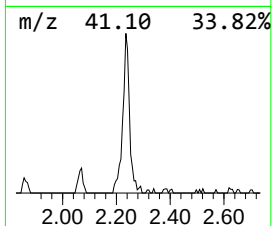
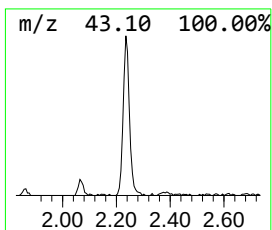
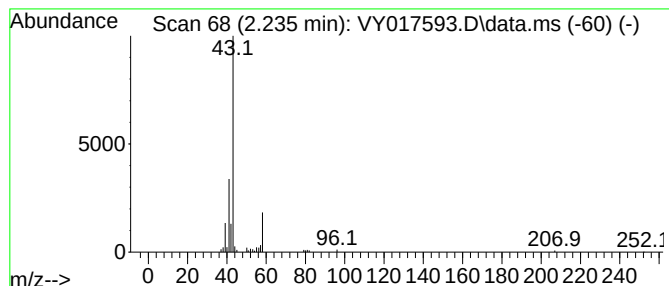
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Peak Number 1 Butane Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 2.235 | 5.00 ug/l | 29609 | Pentafluorobenzene | 7.783 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Butane                              | 58  | C4H10     | 000106-97-8 | 59   |
| 2    |    |   | 2-Propanone, 1-(1-methylethoxy)-    | 116 | C6H12O2   | 042781-12-4 | 9    |
| 3    |    |   | Methyl glyoxal                      | 72  | C3H4O2    | 000078-98-8 | 9    |
| 4    |    |   | Methyl Isobutyl Ketone              | 100 | C6H12O    | 000108-10-1 | 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           | 2.235 | 5.0     | ug/l  | 29609    | 1                     | 7.783 | 295800 | 50.0 |