

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY010923\  
 Data File : VY012116.D  
 Acq On : 09 Jan 2023 17:21  
 Operator : KP/MD  
 Sample : 01064-08  
 Misc : 1.16g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 S-14-03

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\82Y010623S.M

Title : SW846 8260

Signal : TIC: VY012116.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         | 2.076       | 36            | 42          | 50           | rVB      | 12880          | 17328         | 2.04%           | 0.382%        |
| 2         | 2.247       | 60            | 70          | 78           | rVB3     | 3975           | 9949          | 1.17%           | 0.219%        |
| 3         | 3.253       | 227           | 235         | 247          | rVB      | 40713          | 92626         | 10.93%          | 2.041%        |
| 4         | 4.716       | 466           | 475         | 485          | rBV2     | 8103           | 24795         | 2.93%           | 0.546%        |
| 5         | 5.753       | 635           | 645         | 654          | rBV4     | 4029           | 12638         | 1.49%           | 0.278%        |
| 6         | 7.716       | 955           | 967         | 973          | rBV      | 121890         | 295507        | 34.86%          | 6.510%        |
| 7         | 7.789       | 973           | 979         | 996          | rVB      | 210964         | 474516        | 55.98%          | 10.454%       |
| 8         | 8.142       | 1028          | 1037        | 1050         | rBV      | 122111         | 262515        | 30.97%          | 5.784%        |
| 9         | 8.545       | 1097          | 1103        | 1111         | rVB2     | 6206           | 12587         | 1.48%           | 0.277%        |
| 10        | 8.691       | 1118          | 1127        | 1139         | rBV      | 323893         | 633355        | 74.72%          | 13.954%       |
| 11        | 10.179      | 1363          | 1371        | 1380         | rBV      | 490489         | 847667        | 100.00%         | 18.675%       |
| 12        | 10.374      | 1397          | 1403        | 1410         | rVB      | 9683           | 16177         | 1.91%           | 0.356%        |
| 13        | 11.489      | 1579          | 1586        | 1600         | rBV      | 458703         | 720511        | 85.00%          | 15.874%       |
| 14        | 12.483      | 1742          | 1749        | 1761         | rBV      | 332218         | 516475        | 60.93%          | 11.379%       |
| 15        | 12.916      | 1814          | 1820        | 1827         | rBV      | 21393          | 29772         | 3.51%           | 0.656%        |
| 16        | 13.428      | 1897          | 1904        | 1910         | rBV      | 374358         | 562590        | 66.37%          | 12.395%       |
| 17        | 13.965      | 1986          | 1992        | 1998         | rVB2     | 6048           | 9923          | 1.17%           | 0.219%        |

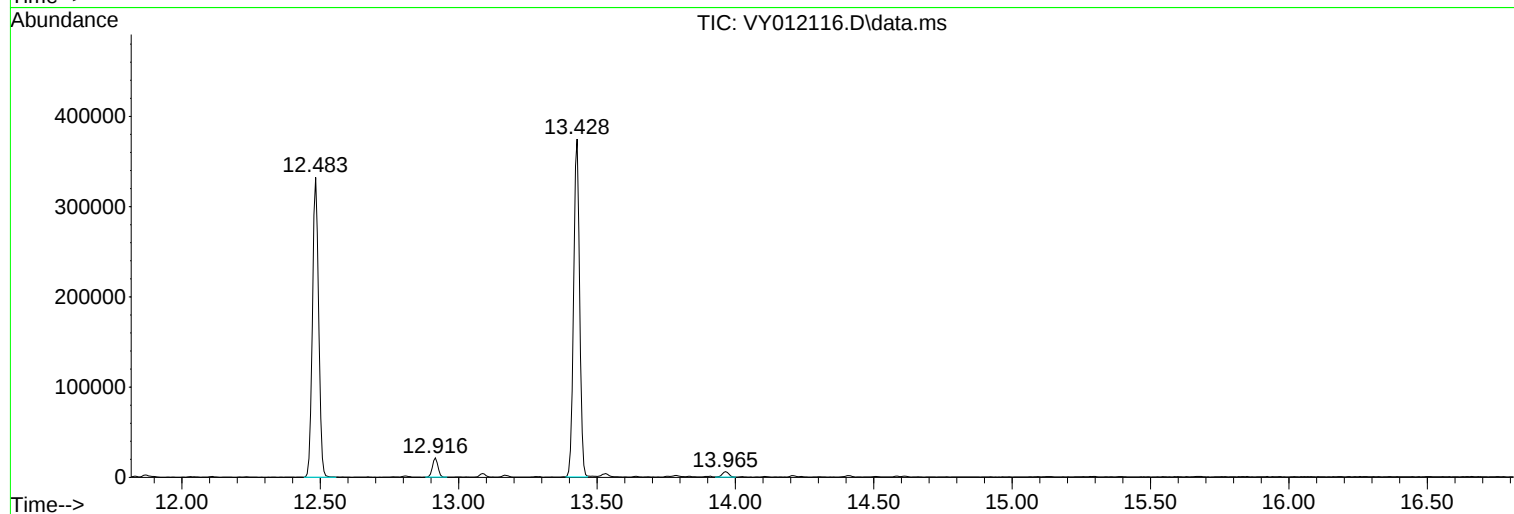
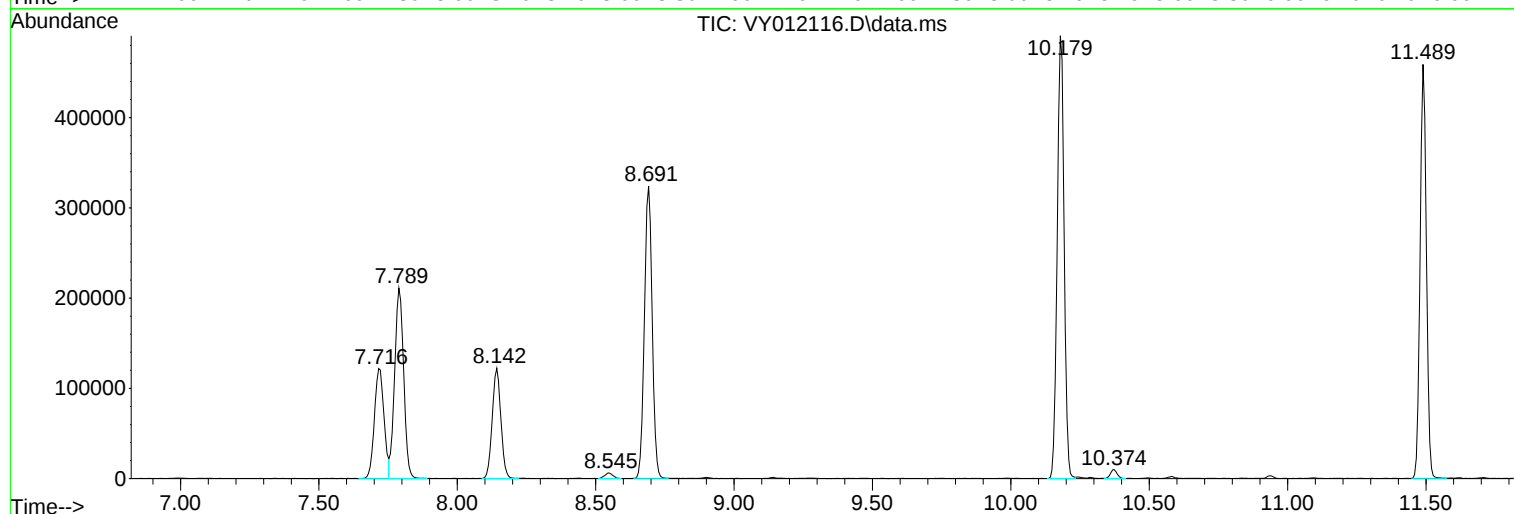
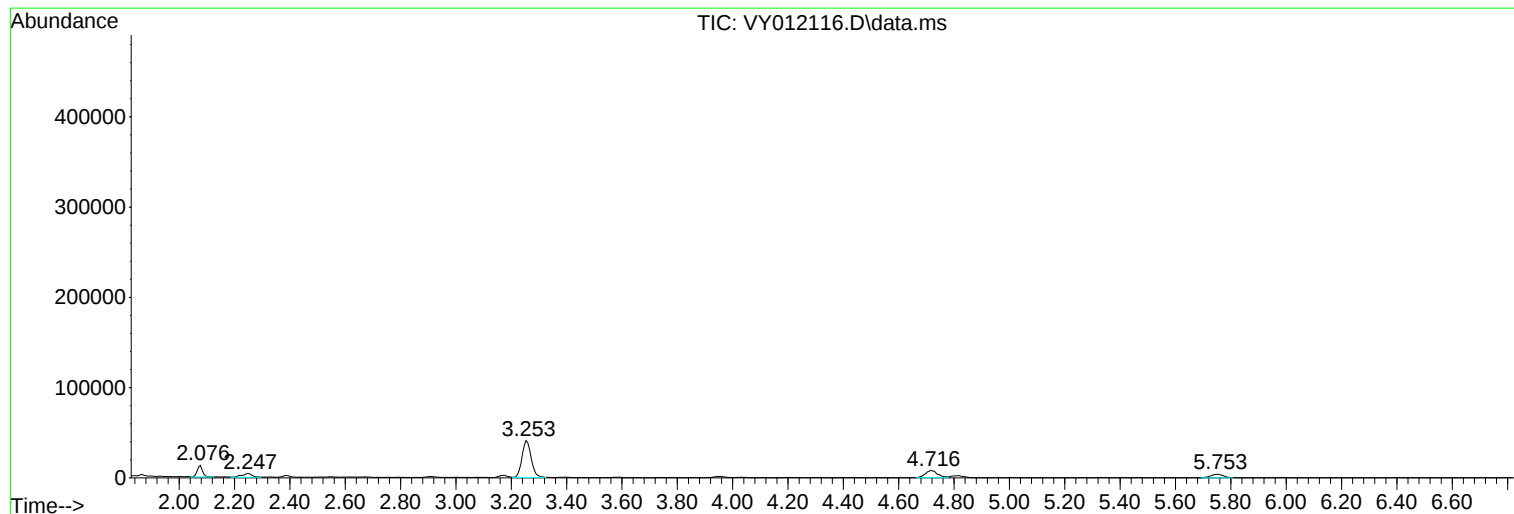
Sum of corrected areas: 4538931

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S-14-03

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010623S.M  
Quant Title : SW846 8260

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



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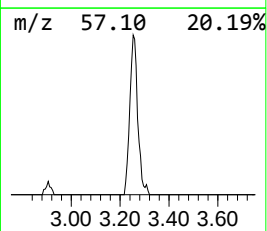
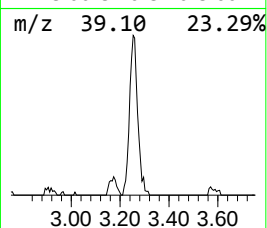
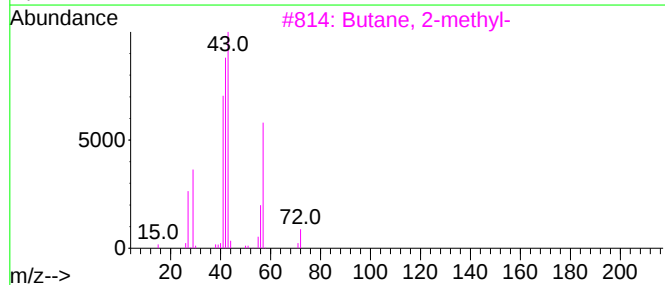
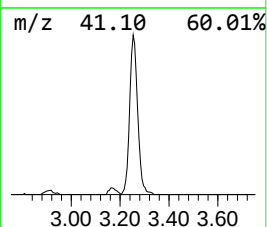
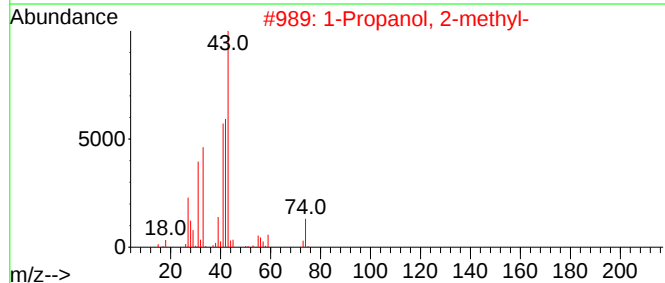
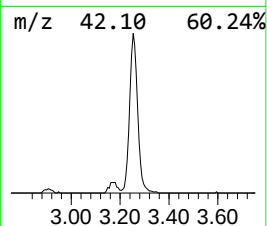
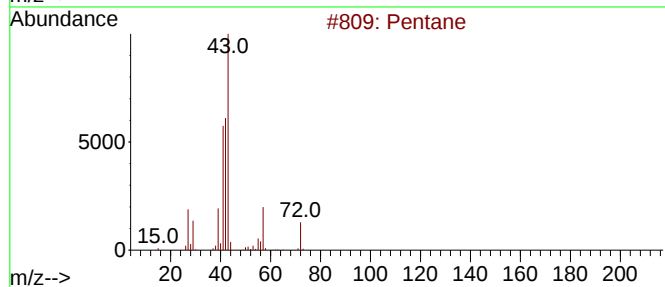
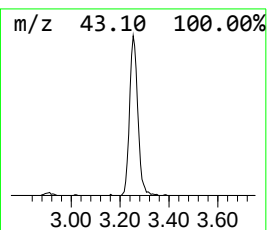
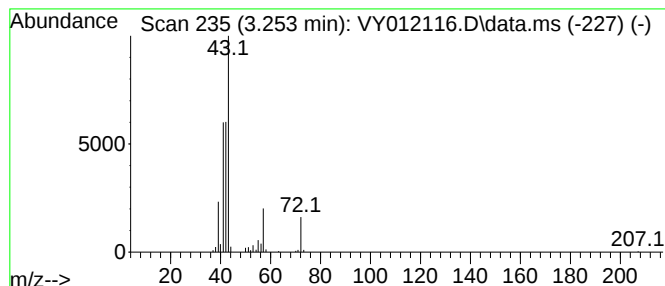
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Pentane Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 3.253 | 9.76 ug/l | 92626 | Pentafluorobenzene | 7.789 |

| Hit# | of | 5 | Tentative ID              | MW | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|----|---------|-------------|------|
| 1    |    |   | Pentane                   | 72 | C5H12   | 000109-66-0 | 91   |
| 2    |    |   | 1-Propanol, 2-methyl-     | 74 | C4H10O  | 000078-83-1 | 39   |
| 3    |    |   | Butane, 2-methyl-         | 72 | C5H12   | 000078-78-4 | 38   |
| 4    |    |   | Oxirane, ethyl-           | 72 | C4H8O   | 000106-88-7 | 37   |
| 5    |    |   | Diaziridine,3,3-dimethyl- | 72 | C3H8N2  | 004901-76-2 | 28   |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Pentane          | 3.253 | 9.8     | ug/l  | 92626    | 1                     | 7.789 | 474516 | 50.0 |