

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY011425\  
 Data File : VY020815.D  
 Acq On : 14 Jan 2025 11:47  
 Operator : SY/MD  
 Sample : Q1074-01  
 Misc : 4.44g/5.0mL/MSVOA\_Y/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

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\82Y010625S.M

Title : SW846 8260

Signal : TIC: VY020815.D\data.ms

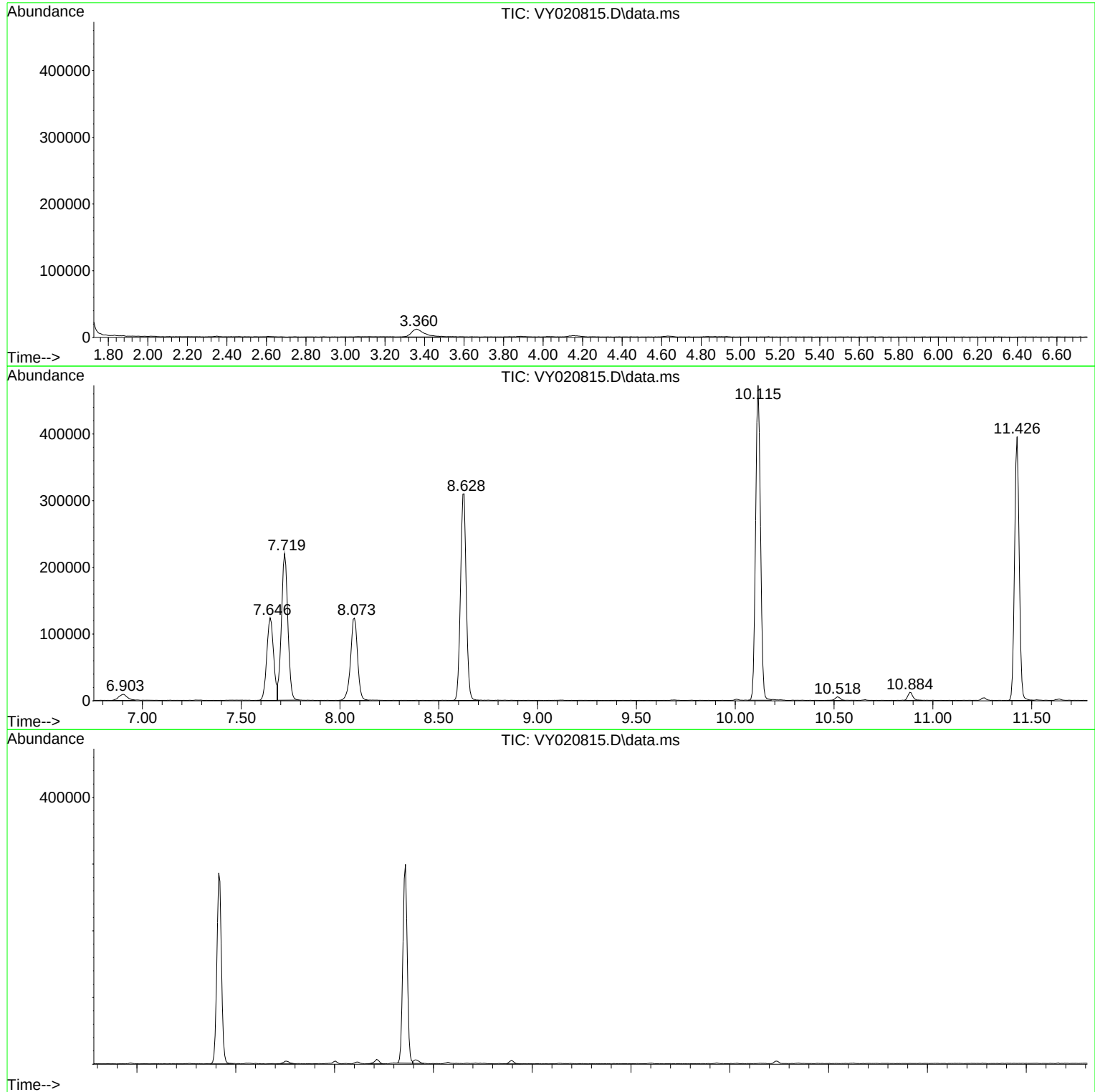
| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 3.360       | 257           | 269         | 288          | rBV2     | 11799          | 53171         | 6.57%           | 1.252%        |
| 2         | 6.903       | 841           | 850         | 860          | rBV2     | 9033           | 27593         | 3.41%           | 0.650%        |
| 3         | 7.646       | 961           | 972         | 978          | rBV      | 123676         | 299161        | 36.94%          | 7.046%        |
| 4         | 7.719       | 978           | 984         | 996          | rVB      | 219743         | 491325        | 60.67%          | 11.573%       |
| 5         | 8.073       | 1028          | 1042        | 1054         | rBV3     | 123469         | 303837        | 37.52%          | 7.157%        |
| 6         | 8.628       | 1121          | 1133        | 1146         | rBV      | 309653         | 623877        | 77.04%          | 14.695%       |
| 7         | 10.115      | 1369          | 1377        | 1388         | rBV      | 472064         | 809766        | 100.00%         | 19.073%       |
| 8         | 10.518      | 1433          | 1443        | 1449         | rBV2     | 5415           | 9649          | 1.19%           | 0.227%        |
| 9         | 10.884      | 1498          | 1503        | 1513         | rVB2     | 12120          | 20988         | 2.59%           | 0.494%        |
| 10        | 11.426      | 1584          | 1592        | 1606         | rBV      | 395311         | 646255        | 79.81%          | 15.222%       |
| 11        | 12.414      | 1747          | 1754        | 1766         | rBV      | 286314         | 463529        | 57.24%          | 10.918%       |
| 12        | 12.755      | 1802          | 1810        | 1818         | rBV6     | 4043           | 9117          | 1.13%           | 0.215%        |
| 13        | 13.212      | 1878          | 1885        | 1891         | rVB3     | 6610           | 11390         | 1.41%           | 0.268%        |
| 14        | 13.359      | 1902          | 1909        | 1915         | rBV      | 297762         | 458356        | 56.60%          | 10.796%       |
| 15        | 13.407      | 1915          | 1917        | 1924         | rVB3     | 5289           | 9387          | 1.16%           | 0.221%        |
| 16        | 13.895      | 1993          | 1997        | 2004         | rVB3     | 4982           | 8142          | 1.01%           | 0.192%        |

Sum of corrected areas: 4245543

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y010625S.M  
Quant Title : SW846 8260

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



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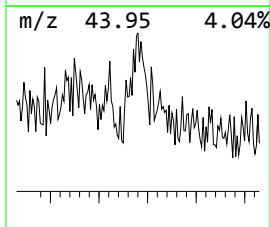
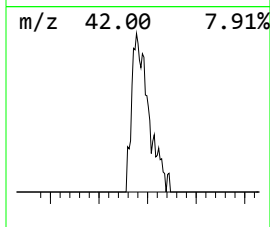
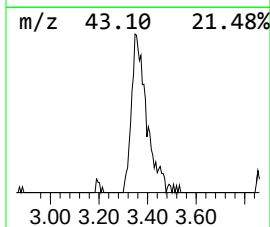
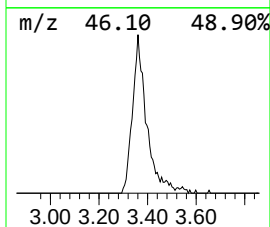
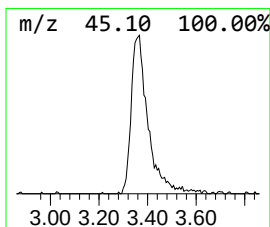
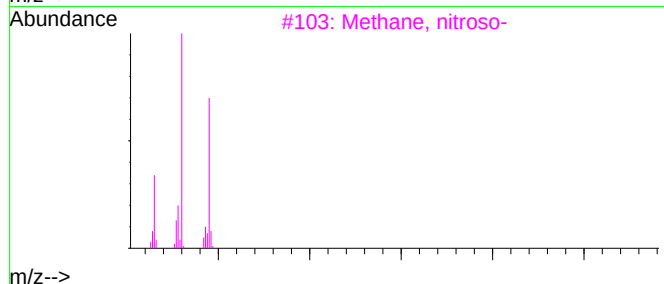
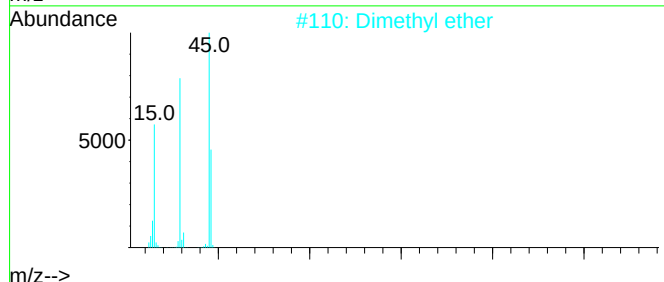
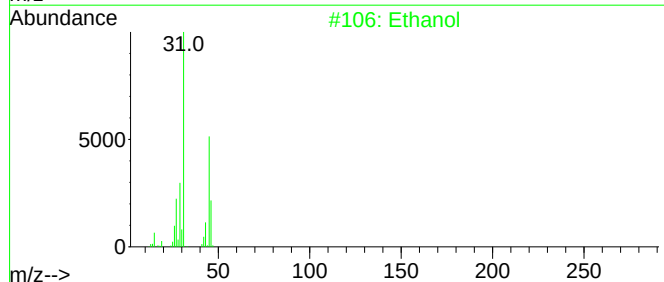
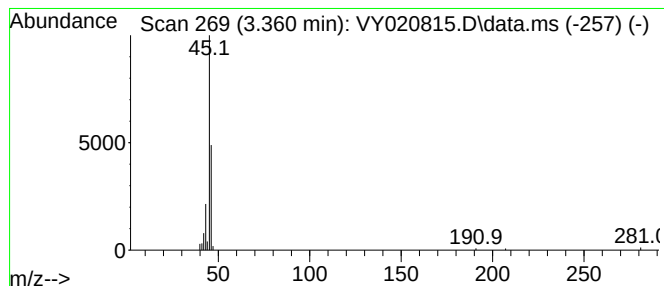
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethanol Concentration Rank 1

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 3.360 | 5.41 ug/l | 53171 | Pentafluorobenzene | 7.719 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Ethanol                       | 46  | C2H6O   | 000064-17-5 | 86   |
| 2    |    |   | Dimethyl ether                | 46  | C2H6O   | 000115-10-6 | 9    |
| 3    |    |   | Methane, nitroso-             | 45  | CH3NO   | 000865-40-7 | 4    |
| 4    |    |   | Formic acid                   | 46  | CH2O2   | 000064-18-6 | 4    |
| 5    |    |   | Propanedioic acid, dihydroxy- | 136 | C3H4O6  | 000560-27-0 | 4    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| Ethanol          | 3.360 | 5.4     | ug/l  | 53171    | 1                     | 7.719 | 491325 | 50.0 |