

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY092421\  
 Data File : VY006147.D  
 Acq On : 24 Sep 2021 18:38  
 Operator : SY/MD  
 Sample : M3927-19  
 Misc : 6.10G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 WOOSPK-BACKFILL-04

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\82Y091421S.M

Title : SW846 8260

Signal : TIC: VY006147.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         | 2.229       | 61            | 67          | 74           | rBV      | 10504          | 17597         | 2.20%           | 0.408%        |
| 2         | 2.661       | 132           | 138         | 147          | rVB      | 16055          | 30502         | 3.81%           | 0.708%        |
| 3         | 4.100       | 365           | 374         | 384          | rBV      | 6335           | 17652         | 2.20%           | 0.410%        |
| 4         | 4.722       | 466           | 476         | 483          | rBV2     | 4577           | 13708         | 1.71%           | 0.318%        |
| 5         | 4.814       | 484           | 491         | 506          | rVB3     | 9142           | 30846         | 3.85%           | 0.716%        |
| 6         | 5.185       | 538           | 552         | 575          | rBV      | 252574         | 800878        | 100.00%         | 18.582%       |
| 7         | 7.722       | 958           | 968         | 974          | rBV      | 94091          | 220769        | 27.57%          | 5.122%        |
| 8         | 7.795       | 974           | 980         | 995          | rVB      | 161853         | 364720        | 45.54%          | 8.462%        |
| 9         | 8.148       | 1026          | 1038        | 1049         | rBV      | 97016          | 211264        | 26.38%          | 4.902%        |
| 10        | 8.697       | 1119          | 1128        | 1137         | rBV      | 219543         | 428109        | 53.45%          | 9.933%        |
| 11        | 10.184      | 1362          | 1372        | 1383         | rVB      | 349732         | 596481        | 74.48%          | 13.839%       |
| 12        | 10.581      | 1430          | 1437        | 1445         | rBV      | 16729          | 29227         | 3.65%           | 0.678%        |
| 13        | 11.489      | 1579          | 1586        | 1597         | rBV      | 315540         | 515142        | 64.32%          | 11.952%       |
| 14        | 12.483      | 1742          | 1749        | 1758         | rVB2     | 309007         | 528772        | 66.02%          | 12.268%       |
| 15        | 13.428      | 1894          | 1904        | 1913         | rVB      | 309293         | 478111        | 59.70%          | 11.093%       |
| 16        | 13.964      | 1986          | 1992        | 2000         | rVB      | 15236          | 26243         | 3.28%           | 0.609%        |

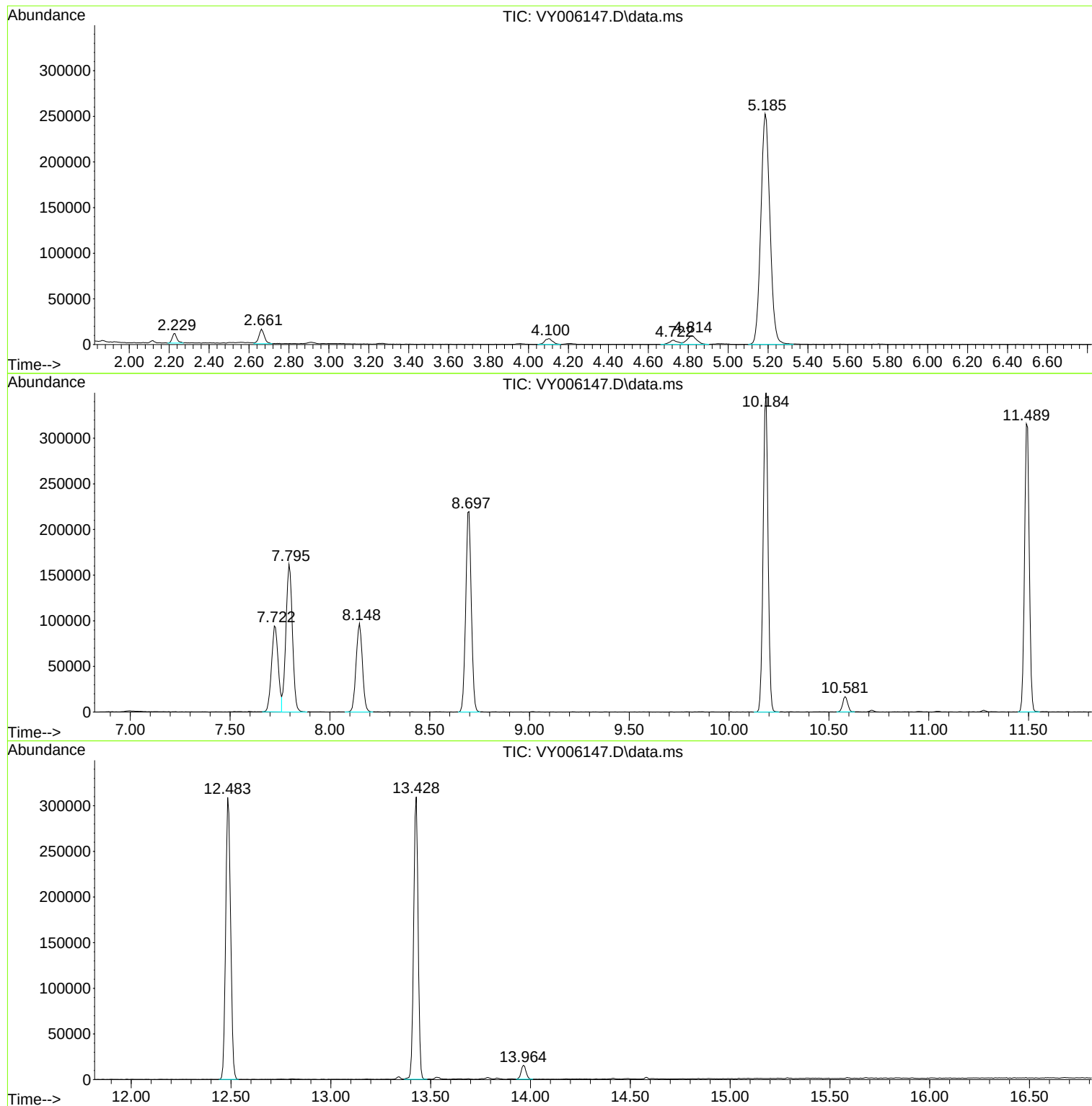
Sum of corrected areas: 4310021

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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
Quant Title : SW846 8260

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



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Misc : 6.10G/5ML/MSVOA\_Y/SOIL  
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ClientSampleId :  
WOOSPK-BACKFILL-04

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y091421S.M  
Quant Title : SW846 8260

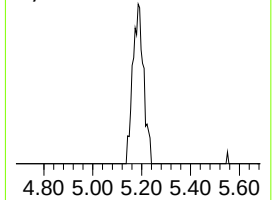
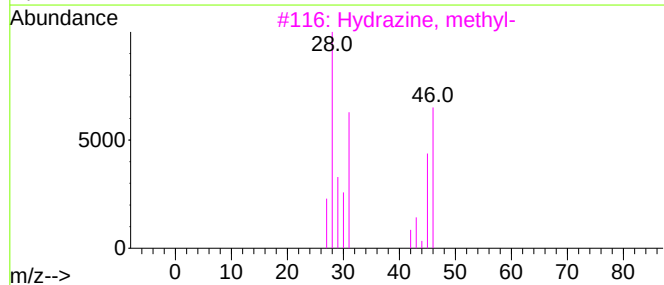
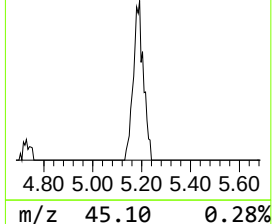
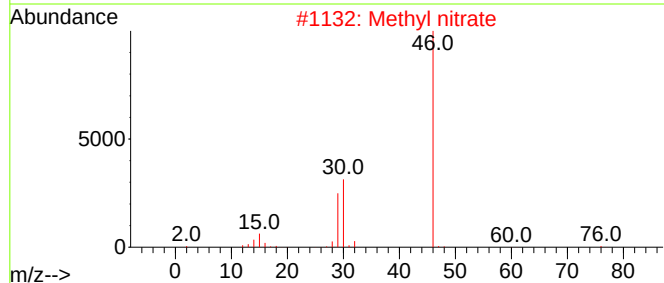
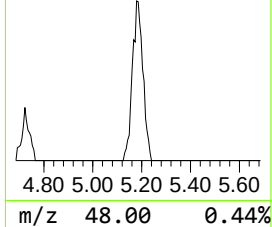
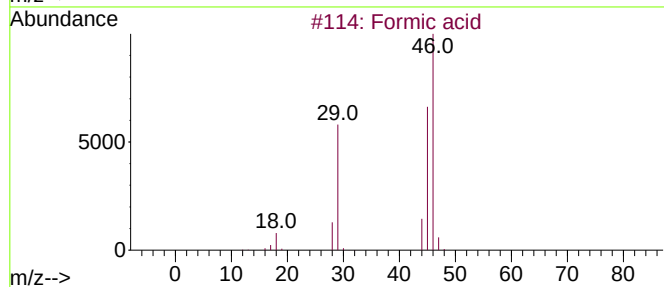
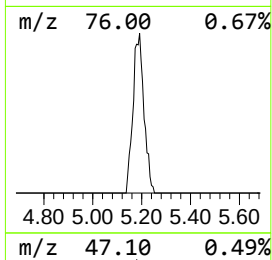
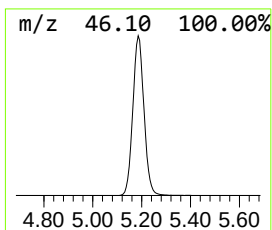
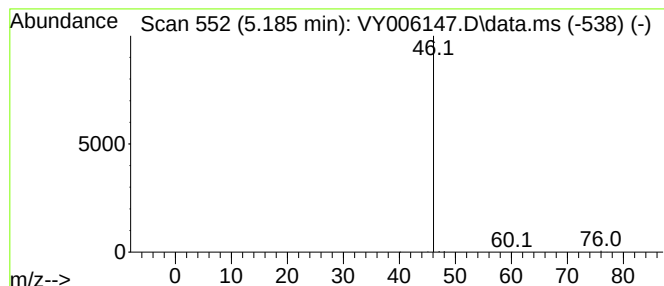
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown5.185 Concentration Rank 1

| R.T.  | EstConc     | Area   | Relative to ISTD   | R.T.  |
|-------|-------------|--------|--------------------|-------|
| 5.185 | 109.79 ug/l | 800878 | Pentafluorobenzene | 7.795 |

| Hit# | of | 5 | Tentative ID             | MW | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|----|---------|-------------|------|
| 1    |    |   | Formic acid              | 46 | CH2O2   | 000064-18-6 | 4    |
| 2    |    |   | Methyl nitrate           | 77 | CH3NO3  | 000598-58-3 | 4    |
| 3    |    |   | Hydrazine, methyl-       | 46 | CH6N2   | 000060-34-4 | 3    |
| 4    |    |   | Ethene, fluoro-          | 46 | C2H3F   | 000075-02-5 | 3    |
| 5    |    |   | Nitric acid, ethyl ester | 91 | C2H5NO3 | 000625-58-1 | 2    |



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| TIC Top Hit name | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                  |       |         |       |          | #                     | RT    | Resp   | Conc |
| unknown5.185     | 5.185 | 109.8   | ug/l  | 800878   | 1                     | 7.795 | 364720 | 50.0 |