

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\  
Data File : VY002321.D  
Acq On : 14 Apr 2020 19:54  
Operator : SY/MD  
Sample : L2226-02RE  
Misc : 6.73G/5ML/MSVOA Y/SOIL  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
FK-PS-01-066RE

## 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\82Y040820S.M  
Title : SW846 8260

Signal : TIC

| 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         | 1.871       | 17            | 22          | 47           | rVB      | 11843170       | 17890841      | 100.00%         | 96.271%       |
| 2         | 8.705       | 1135          | 1143        | 1153         | rVB      | 111371         | 209097        | 1.17%           | 1.125%        |
| 3         | 10.187      | 1379          | 1386        | 1395         | rBV      | 162364         | 278709        | 1.56%           | 1.500%        |
| 4         | 11.498      | 1594          | 1601        | 1610         | rBV      | 123888         | 205127        | 1.15%           | 1.104%        |

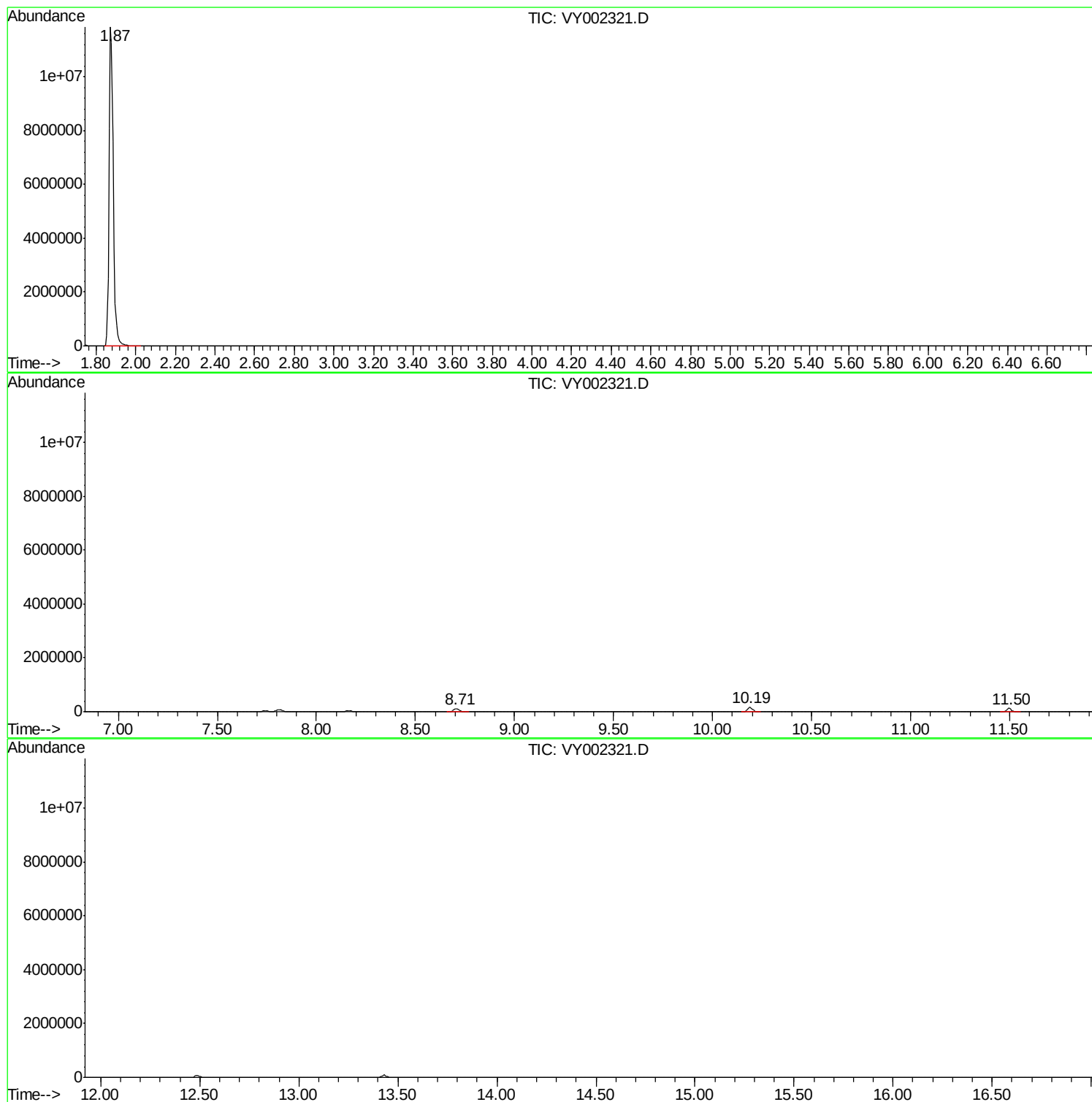
Sum of corrected areas: 18583774

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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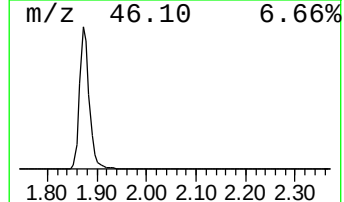
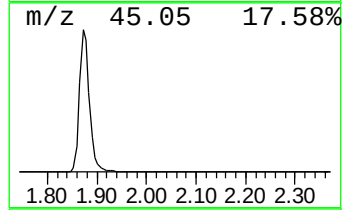
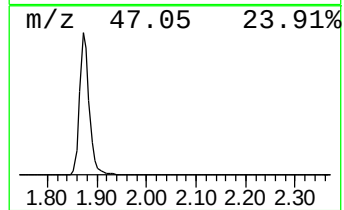
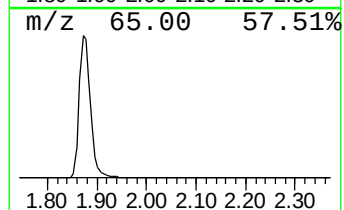
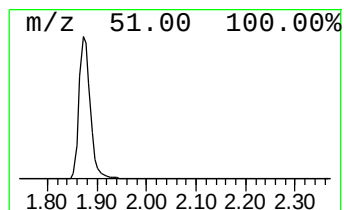
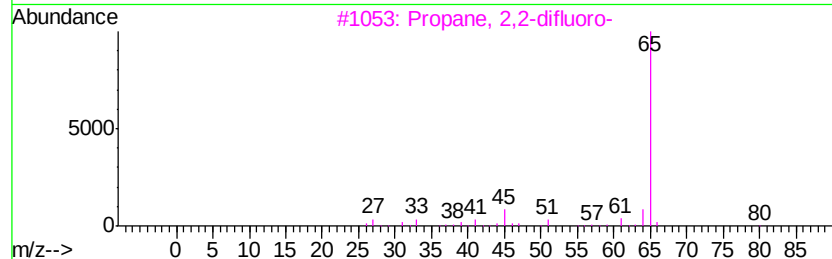
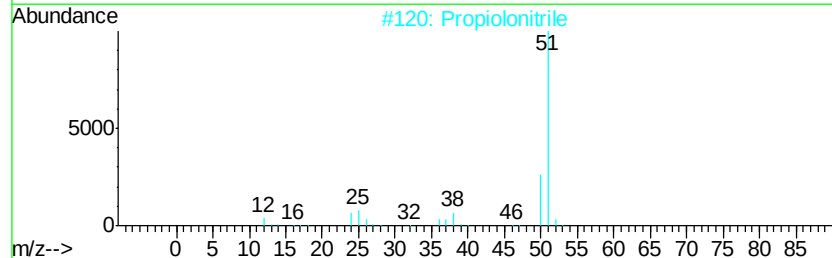
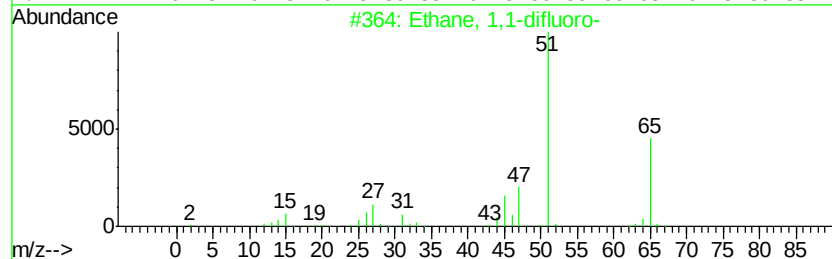
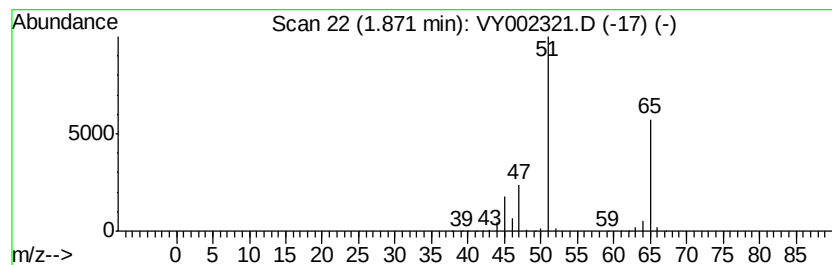
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y040820S.M  
Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Ethane, 1,1-difluoro- Concentration Rank 1

| R.T. | EstConc      | Area     | Relative to ISTD   | R.T. |
|------|--------------|----------|--------------------|------|
| 1.87 | 4278.12 ug/l | 17890800 | Pentafluorobenzene | 7.82 |

| Hit# | of | Tentative ID           | MW | MolForm | CAS#        | Qual |
|------|----|------------------------|----|---------|-------------|------|
| 1    | 5  | Ethane, 1,1-difluoro-  | 66 | C2H4F2  | 000075-37-6 | 91   |
| 2    |    | Propiolonitrile        | 51 | C3HN    | 001070-71-9 | 3    |
| 3    |    | Propane, 2,2-difluoro- | 80 | C3H6F2  | 000420-45-1 | 2    |
| 4    |    | Difluoromethane        | 52 | CH2F2   | 000075-10-5 | 1    |
| 5    |    | n-Propyl chloride      | 78 | C3H7Cl  | 000540-54-5 | 1    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethane, 1,1-diflu... | 1.87 | 4278.1  | ug/l  | 17890800 | 1                     | 7.82 | 209097 | 50.0 |