

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073118\  
 Data File : VD059656.D  
 Acq On : 31 Jul 2018 16:23  
 Operator : VA/AP  
 Sample : J4236-02  
 Misc : 7.84g/5ml/MSVOA D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 FK-GF-01-010-A

## 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\_D\METHOD\82D072418S.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         | 1.206       | 96            | 100         | 104          | rBV      | 77163          | 210334        | 43.55%          | 5.895%        |
| 2         | 1.265       | 104           | 106         | 109          | rVV      | 59976          | 132303        | 27.39%          | 3.708%        |
| 3         | 1.315       | 109           | 111         | 122          | rVB      | 70275          | 172244        | 35.66%          | 4.828%        |
| 4         | 2.594       | 238           | 241         | 244          | rBV      | 3363           | 6438          | 1.33%           | 0.180%        |
| 5         | 4.807       | 462           | 466         | 472          | rBB      | 1912           | 5867          | 1.21%           | 0.164%        |
| 6         | 5.525       | 533           | 539         | 544          | rBV      | 108291         | 286136        | 59.24%          | 8.020%        |
| 7         | 5.623       | 544           | 549         | 563          | rVB      | 130784         | 381641        | 79.02%          | 10.696%       |
| 8         | 5.997       | 581           | 587         | 598          | rBB      | 86631          | 220790        | 45.71%          | 6.188%        |
| 9         | 6.666       | 650           | 655         | 668          | rBB      | 166732         | 405229        | 83.90%          | 11.357%       |
| 10        | 8.693       | 856           | 861         | 870          | rBB      | 204750         | 482998        | 100.00%         | 13.537%       |
| 11        | 9.470       | 935           | 940         | 948          | rBB      | 5518           | 17759         | 3.68%           | 0.498%        |
| 12        | 10.670      | 1058          | 1062        | 1069         | rBB      | 244613         | 446215        | 92.38%          | 12.506%       |
| 13        | 11.919      | 1186          | 1189        | 1195         | rBB      | 283752         | 379953        | 78.67%          | 10.649%       |
| 14        | 12.087      | 1203          | 1206        | 1211         | rBB      | 6560           | 12131         | 2.51%           | 0.340%        |
| 15        | 12.893      | 1285          | 1288        | 1292         | rBV      | 272942         | 382168        | 79.12%          | 10.711%       |
| 16        | 13.503      | 1347          | 1350        | 1353         | rBB2     | 9273           | 12956         | 2.68%           | 0.363%        |
| 17        | 14.684      | 1468          | 1470        | 1473         | rBV      | 9390           | 12806         | 2.65%           | 0.359%        |

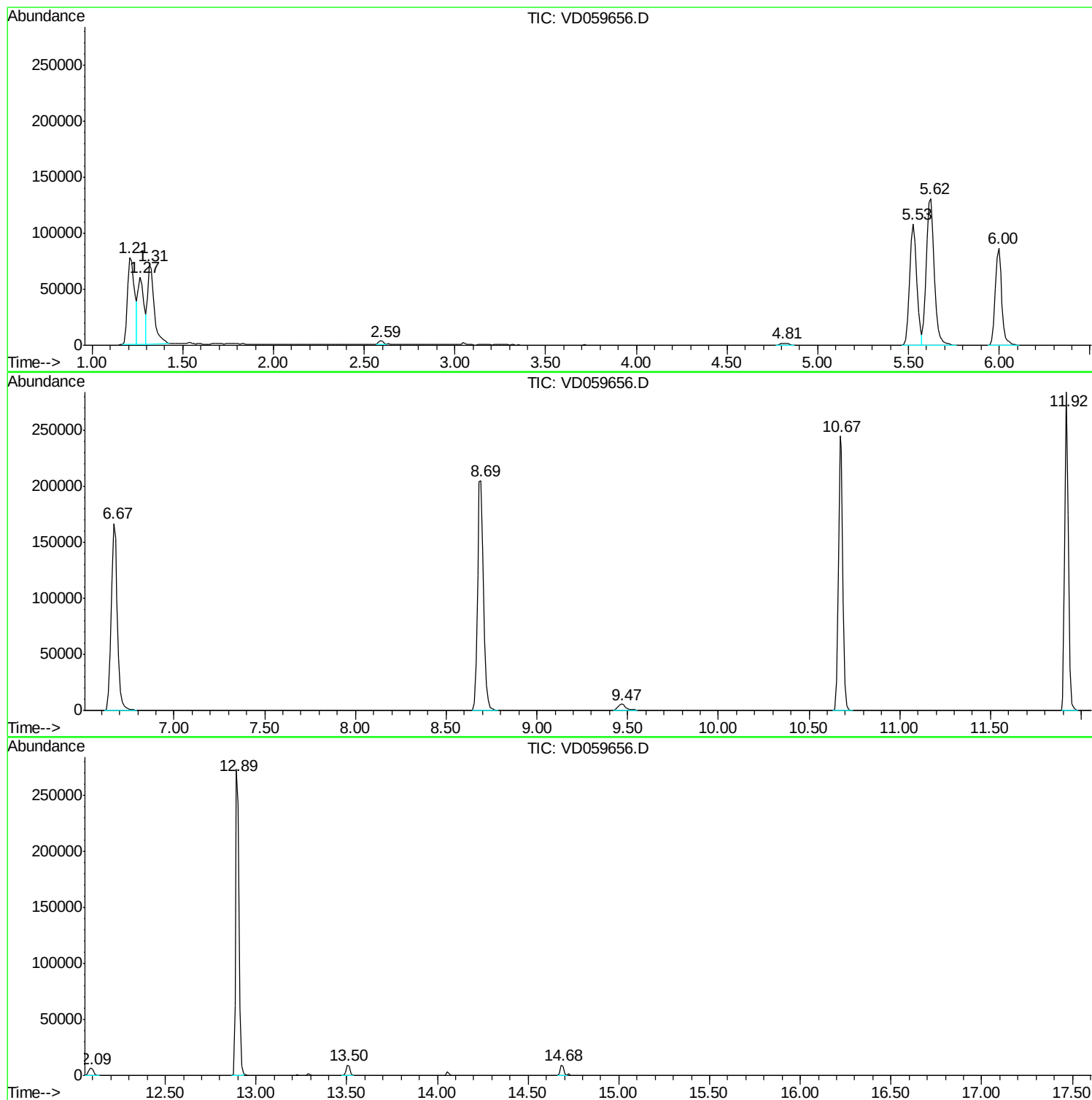
Sum of corrected areas: 3567968

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D072418S.M  
Quant Title : SW846 8260

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



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Instrument :  
MSVOA\_D  
ClientSampled :  
FK-GF-01-010-A

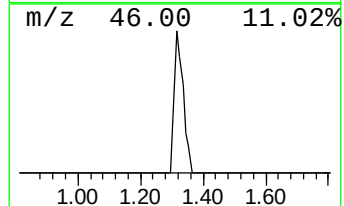
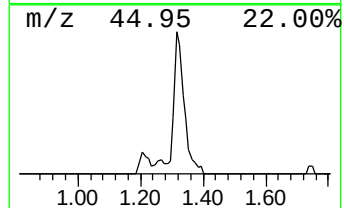
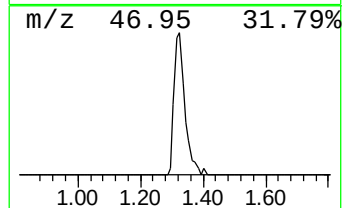
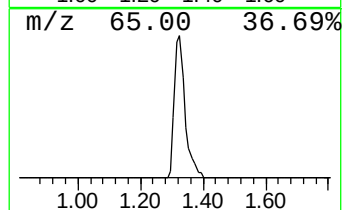
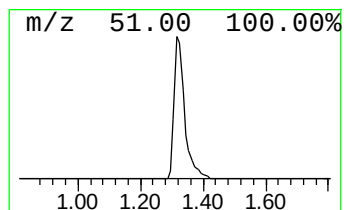
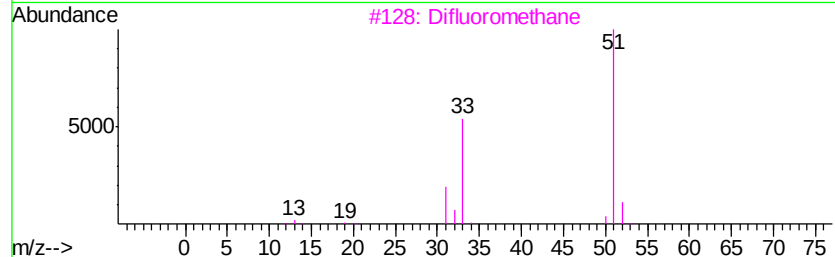
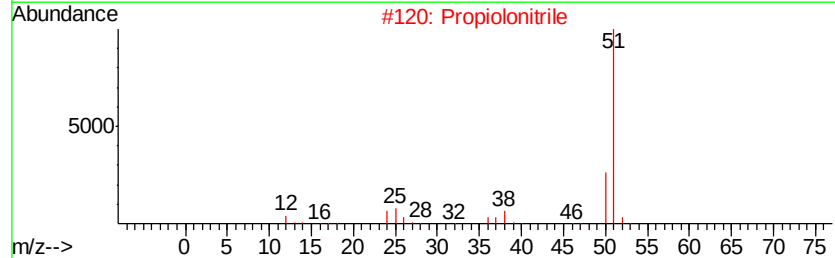
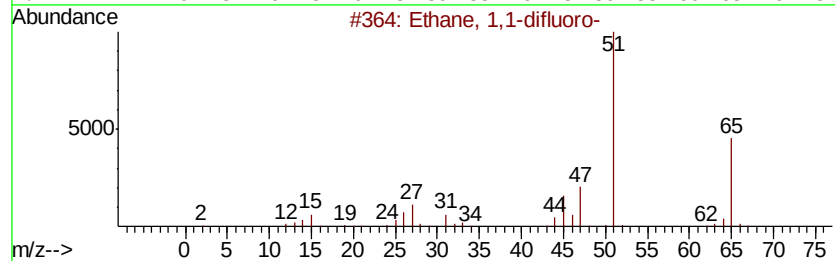
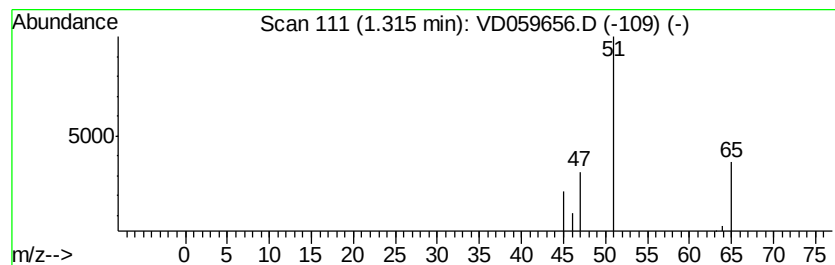
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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Ethane, 1,1-difluoro- Concentration Rank 2

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 1.31 | 22.57 ug/l | 172244 | Pentafluorobenzene | 5.62 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Ethane, 1,1-difluoro-               | 66  | C2H4F2   | 000075-37-6 | 74   |
| 2    |    | Propiolonitrile                     | 51  | C3HN     | 001070-71-9 | 3    |
| 3    |    | Difluoromethane                     | 52  | CH2F2    | 000075-10-5 | 1    |
| 4    |    | 1,2-Benzenediol, 4-[2-(methyami...  | 167 | C9H13N02 | 000501-15-5 | 1    |
| 5    |    | Phenethylamine, p,.alpha.-dimethyl- | 149 | C10H15N  | 000064-11-9 | 1    |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Ethane, 1,1-diflu... | 1.31 | 22.6    | ug/l  | 172244   | 1                     | 5.62 | 381641 | 50.0 |