

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD122118\  
 Data File : VD060677.D  
 Acq On : 21 Dec 2018 11:58  
 Operator : VA/AP  
 Sample : VD1221SBL01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD1221SBL01

## 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\82D122018S.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         | 1.452       | 13            | 23          | 49           | rBV      | 1169675        | 4909373       | 86.21%          | 13.149%       |
| 2         | 3.754       | 250           | 257         | 271          | rVB      | 96756          | 295851        | 5.19%           | 0.792%        |
| 3         | 4.542       | 332           | 337         | 343          | rBV3     | 27516          | 69739         | 1.22%           | 0.187%        |
| 4         | 5.683       | 447           | 453         | 464          | rBV      | 43478          | 138723        | 2.44%           | 0.372%        |
| 5         | 6.362       | 515           | 522         | 526          | rBV      | 906806         | 2313590       | 40.63%          | 6.196%        |
| 6         | 6.441       | 526           | 530         | 551          | rVB      | 1476469        | 3926616       | 68.95%          | 10.517%       |
| 7         | 6.825       | 560           | 569         | 581          | rBV      | 586030         | 1545707       | 27.14%          | 4.140%        |
| 8         | 7.474       | 629           | 635         | 654          | rBV      | 1867447        | 4503993       | 79.09%          | 12.063%       |
| 9         | 8.862       | 771           | 776         | 786          | rVB      | 44214          | 122656        | 2.15%           | 0.329%        |
| 10        | 9.492       | 835           | 840         | 855          | rVB      | 2591015        | 5694955       | 100.00%         | 15.253%       |
| 11        | 10.220      | 908           | 914         | 923          | rBV      | 107118         | 251274        | 4.41%           | 0.673%        |
| 12        | 11.243      | 1014          | 1018        | 1021         | rBV      | 47636          | 87672         | 1.54%           | 0.235%        |
| 13        | 11.312      | 1021          | 1025        | 1033         | rVV      | 2868710        | 4720313       | 82.89%          | 12.642%       |
| 14        | 12.454      | 1137          | 1141        | 1150         | rBV      | 2393283        | 3679324       | 64.61%          | 9.854%        |
| 15        | 12.582      | 1150          | 1154        | 1160         | rVB      | 162455         | 263052        | 4.62%           | 0.705%        |
| 16        | 13.389      | 1233          | 1236        | 1245         | rBV      | 3246121        | 4814541       | 84.54%          | 12.895%       |

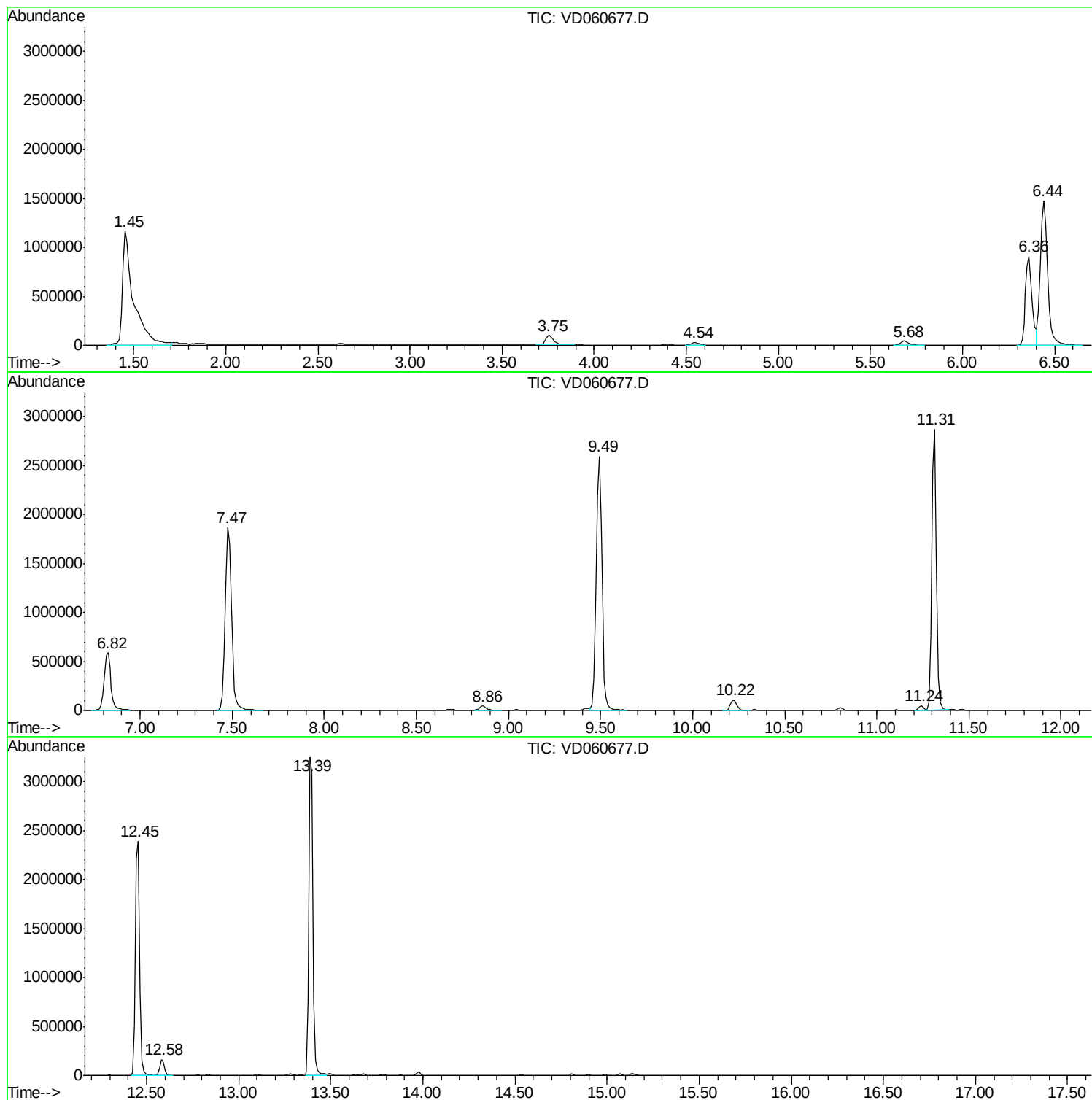
Sum of corrected areas: 37337379

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Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_D\METHOD\82D122018S.M  
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

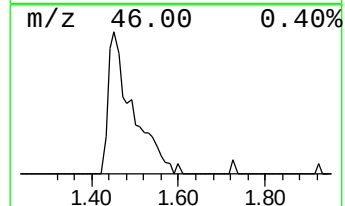
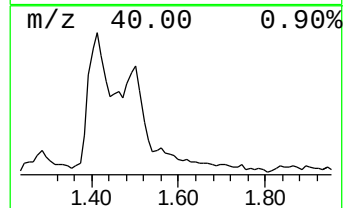
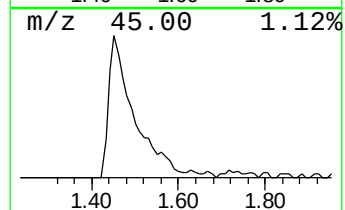
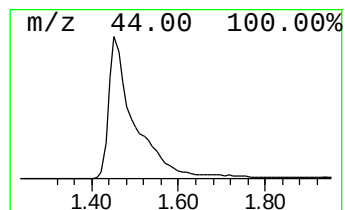
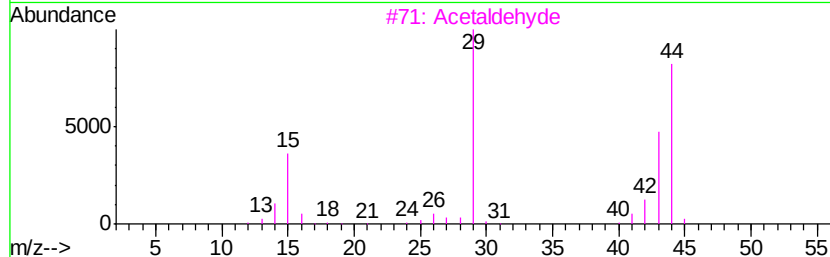
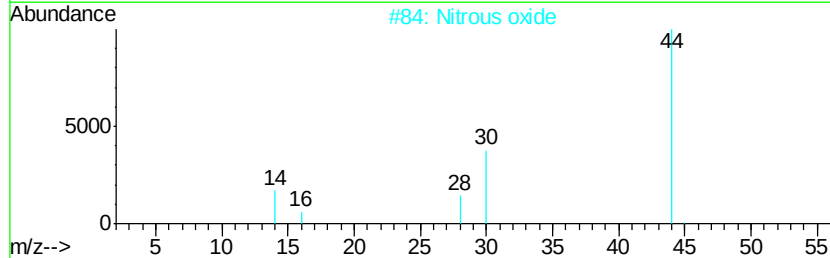
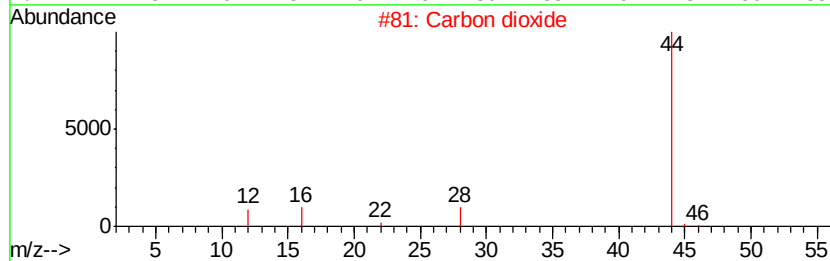
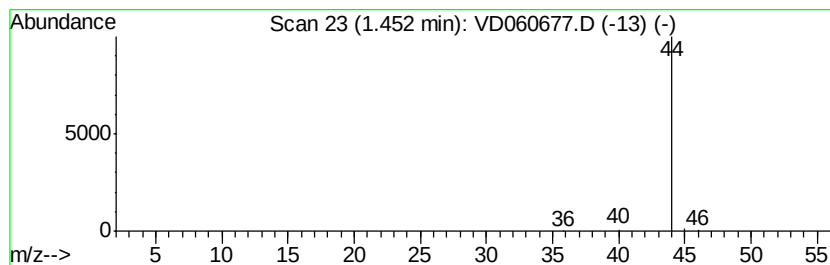
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TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown1.45 Concentration Rank 1

| R.T. | EstConc    | Area    | Relative to ISTD   | R.T. |
|------|------------|---------|--------------------|------|
| 1.45 | 62.51 ug/l | 4909370 | Pentafluorobenzene | 6.44 |

| Hit# | of | Tentative ID    | MW | MolForm | CAS#        | Qual |
|------|----|-----------------|----|---------|-------------|------|
| 1    | 5  | Carbon dioxide  | 44 | C02     | 000124-38-9 | 4    |
| 2    |    | Nitrous oxide   | 44 | N2O     | 010024-97-2 | 3    |
| 3    |    | Acetaldehyde    | 44 | C2H4O   | 000075-07-0 | 3    |
| 4    |    | Ethyne, fluoro- | 44 | C2HF    | 002713-09-9 | 2    |
| 5    |    | Ethylene oxide  | 44 | C2H4O   | 000075-21-8 | 2    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                  |      |         |       |          | #                     | RT   | Resp    | Conc |
| unknown1.45      | 1.45 | 62.5    | ug/l  | 4909370  | 1                     | 6.44 | 3926620 | 50.0 |