

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\  
 Data File : VX004308.D  
 Acq On : 29 Aug 2018 22:57  
 Operator : JC/MD  
 Sample : J4681-16  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CPA-CPMW11D-M12W4-082218

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.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         | 1.075       | 75            | 80          | 108          | rBV      | 1254194        | 1833483       | 100.00%         | 19.044%       |
| 2         | 1.483       | 143           | 147         | 154          | rBV      | 73859          | 81957         | 4.47%           | 0.851%        |
| 3         | 1.605       | 159           | 167         | 170          | rBV4     | 8961           | 19920         | 1.09%           | 0.207%        |
| 4         | 2.617       | 328           | 333         | 344          | rVB      | 19149          | 36996         | 2.02%           | 0.384%        |
| 5         | 4.775       | 678           | 687         | 696          | rBV      | 10214          | 33493         | 1.83%           | 0.348%        |
| 6         | 4.867       | 696           | 702         | 715          | rVB3     | 7411           | 22799         | 1.24%           | 0.237%        |
| 7         | 5.501       | 794           | 806         | 819          | rBV      | 185336         | 528262        | 28.81%          | 5.487%        |
| 8         | 5.665       | 821           | 833         | 847          | rVB      | 245575         | 686647        | 37.45%          | 7.132%        |
| 9         | 6.068       | 888           | 899         | 920          | rBV      | 197415         | 515780        | 28.13%          | 5.357%        |
| 10        | 6.860       | 1019          | 1029        | 1046         | rBV      | 391590         | 908171        | 49.53%          | 9.433%        |
| 11        | 8.720       | 1327          | 1334        | 1343         | rBV      | 944206         | 1483049       | 80.89%          | 15.404%       |
| 12        | 9.335       | 1428          | 1435        | 1446         | rBV      | 249818         | 357314        | 19.49%          | 3.711%        |
| 13        | 10.116      | 1557          | 1563        | 1576         | rBV      | 822483         | 1061958       | 57.92%          | 11.030%       |
| 14        | 11.140      | 1725          | 1731        | 1741         | rBV      | 767147         | 962513        | 52.50%          | 9.997%        |
| 15        | 12.079      | 1880          | 1885        | 1895         | rBV      | 900872         | 1095205       | 59.73%          | 11.376%       |

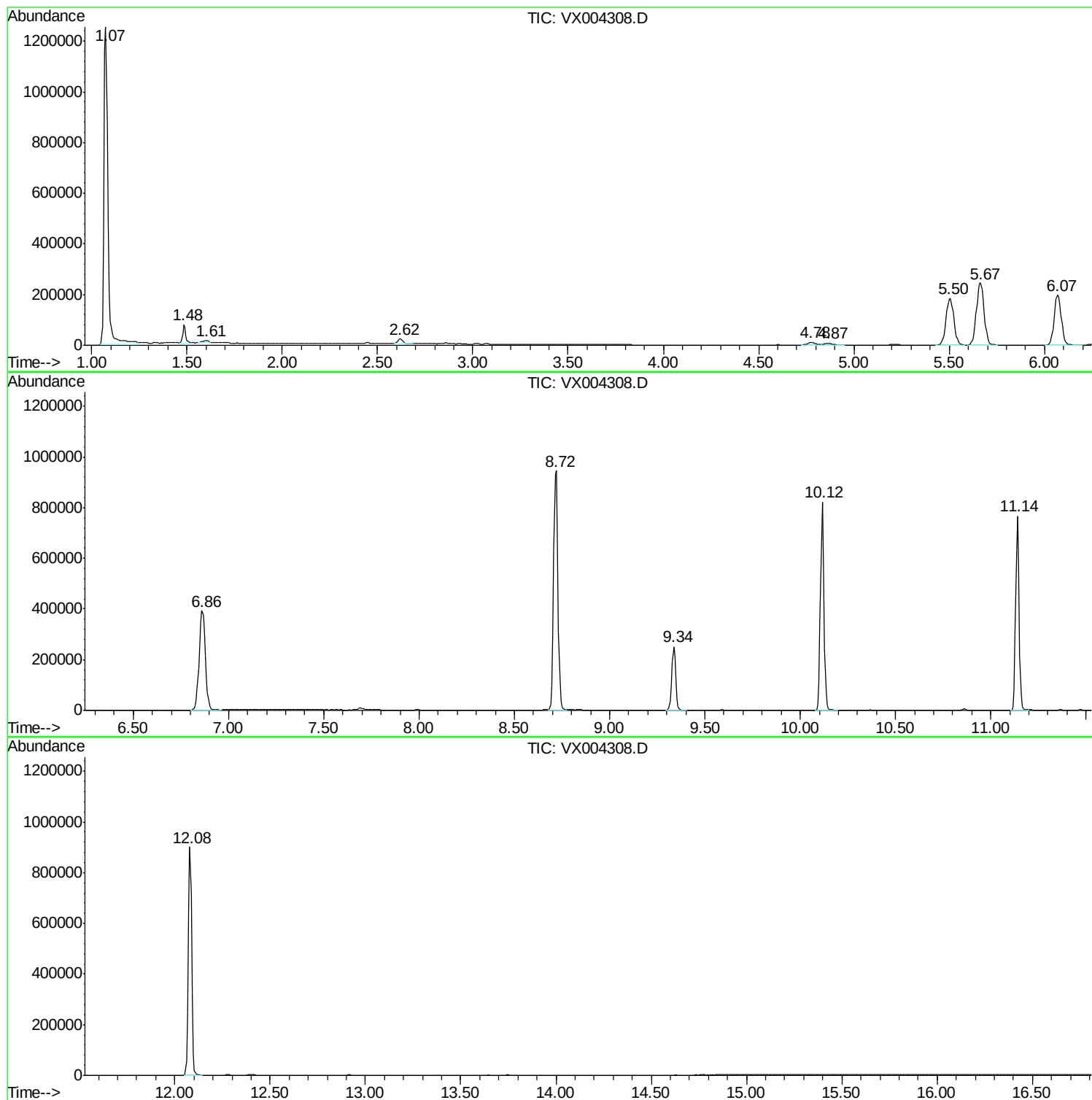
Sum of corrected areas: 9627547

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CPA-CPMW11D-M12W4-082218

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
Quant Title : SW846 8260

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



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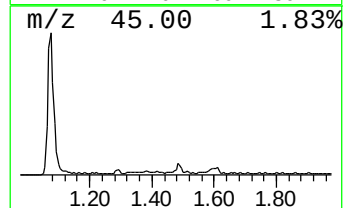
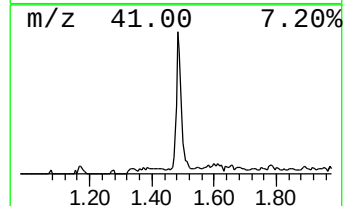
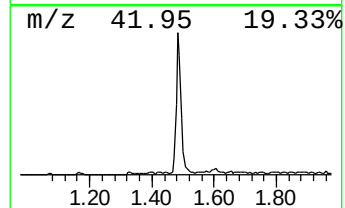
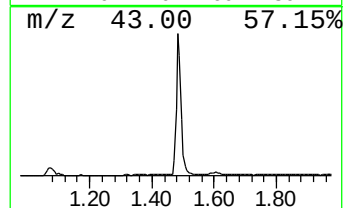
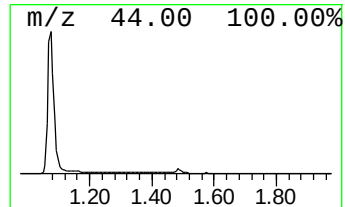
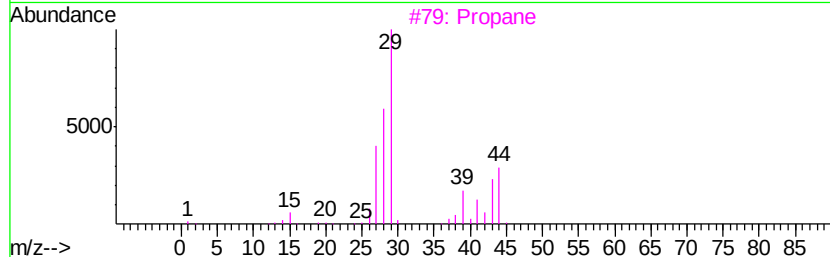
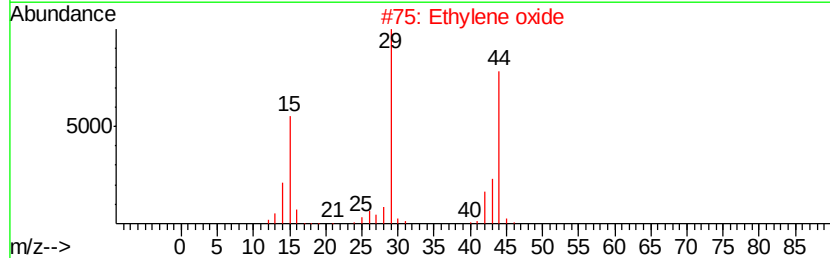
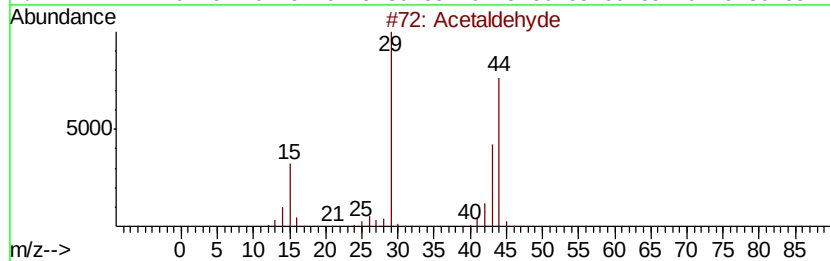
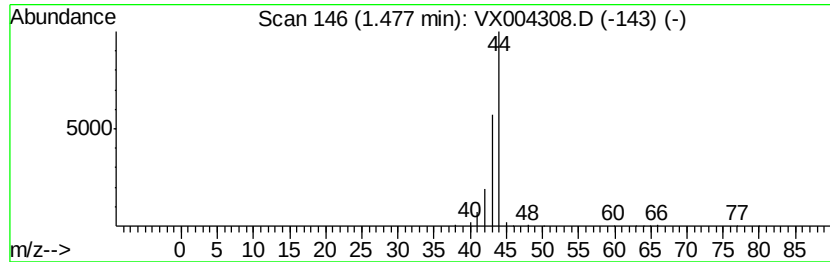
Instrument :  
MSVOA\_X  
ClientSampleID :  
CPA-CPMW11D-M12W4-082218

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Acetaldehyde Concentration Rank 2

| R.T.    | EstConc   | Area           | Relative to ISTD   | R.T.    |             |      |
|---------|-----------|----------------|--------------------|---------|-------------|------|
| 1.48    | 5.97 ug/l | 81957          | Pentafluorobenzene | 5.67    |             |      |
| Hit# of | 5         | Tentative ID   | MW                 | MolForm | CAS#        | Qual |
| 1       |           | Acetaldehyde   | 44                 | C2H4O   | 000075-07-0 | 56   |
| 2       |           | Ethylene oxide | 44                 | C2H4O   | 000075-21-8 | 5    |
| 3       |           | Propane        | 44                 | C3H8    | 000074-98-6 | 4    |
| 4       |           | 2-Propanamine  | 59                 | C3H9N   | 000075-31-0 | 4    |
| 5       |           | Alanine        | 89                 | C3H7NO2 | 000056-41-7 | 4    |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| Acetaldehyde     | 1.48 | 6.0     | ug/l  | 81957    | 1                     | 5.67 | 686647 | 50.0 |