

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122218\  
 Data File : VX006774.D  
 Acq On : 22 Dec 2018 16:09  
 Operator : JC/MD  
 Sample : J6533-16 10X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 COMP-4

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\82X121818W.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         | 1.282       | 18            | 21          | 26           | rBV      | 188965         | 181517        | 3.77%           | 0.790%        |
| 2         | 1.489       | 51            | 55          | 67           | rBV      | 4146904        | 4809536       | 100.00%         | 20.943%       |
| 3         | 1.623       | 67            | 77          | 83           | rVB2     | 56828          | 142045        | 2.95%           | 0.619%        |
| 4         | 2.117       | 152           | 158         | 177          | rBV      | 1155431        | 1799561       | 37.42%          | 7.836%        |
| 5         | 4.355       | 514           | 525         | 532          | rBV2     | 68716          | 195716        | 4.07%           | 0.852%        |
| 6         | 4.702       | 571           | 582         | 595          | rBV      | 54676          | 170439        | 3.54%           | 0.742%        |
| 7         | 5.507       | 703           | 714         | 725          | rBV      | 344566         | 963542        | 20.03%          | 4.196%        |
| 8         | 5.665       | 728           | 740         | 753          | rVV      | 615861         | 1709173       | 35.54%          | 7.442%        |
| 9         | 6.068       | 796           | 806         | 817          | rBV      | 361739         | 934584        | 19.43%          | 4.070%        |
| 10        | 6.860       | 924           | 936         | 949          | rBV      | 902197         | 2121329       | 44.11%          | 9.237%        |
| 11        | 8.714       | 1232          | 1240        | 1249         | rBV      | 1875165        | 2928225       | 60.88%          | 12.751%       |
| 12        | 10.110      | 1463          | 1469        | 1481         | rBV      | 1810908        | 2538917       | 52.79%          | 11.055%       |
| 13        | 11.134      | 1632          | 1637        | 1644         | rBV      | 1507791        | 1989489       | 41.37%          | 8.663%        |
| 14        | 12.079      | 1786          | 1792        | 1803         | rVB      | 2006270        | 2481318       | 51.59%          | 10.805%       |

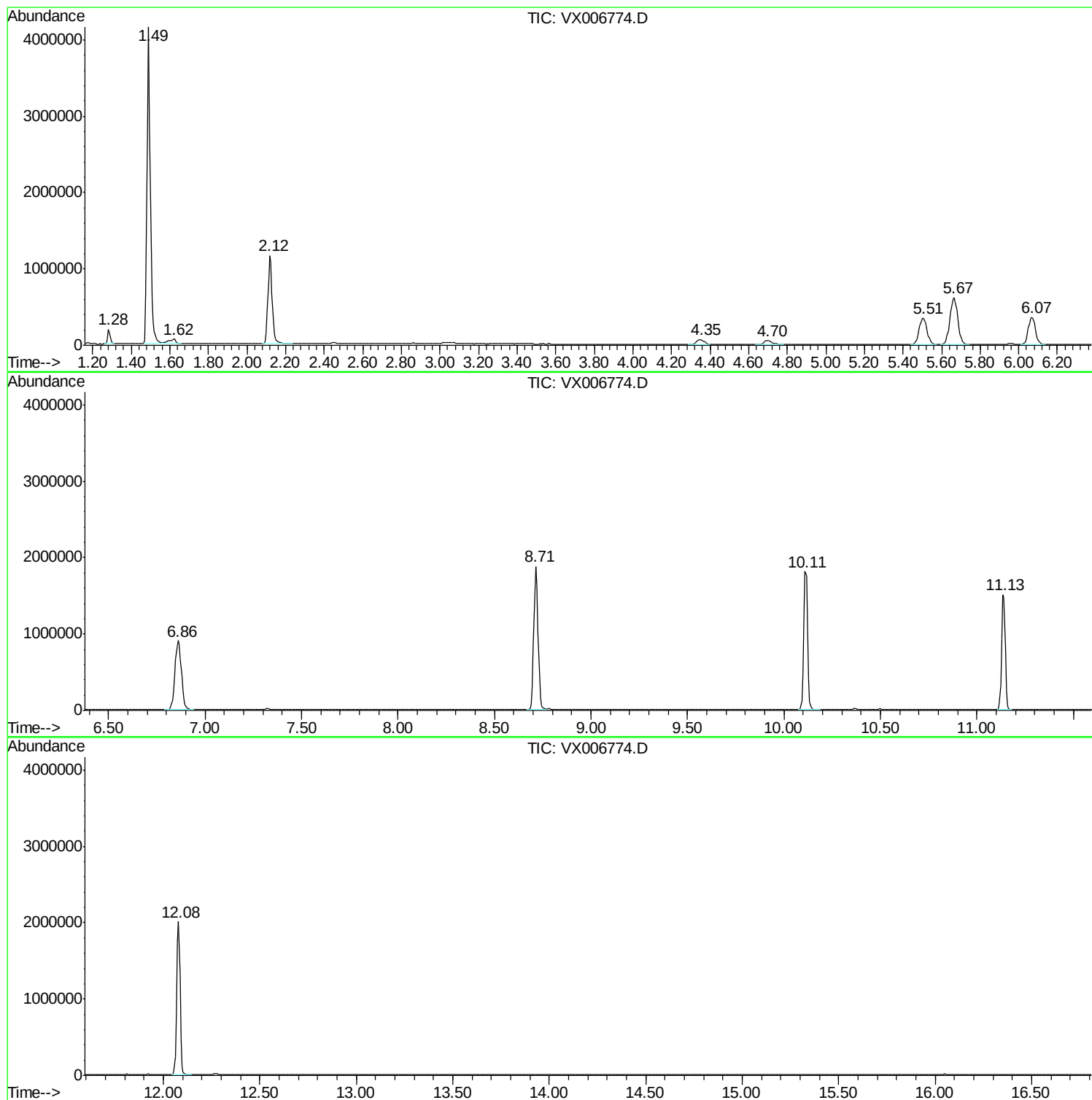
Sum of corrected areas: 22965391

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ClientSampleId :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

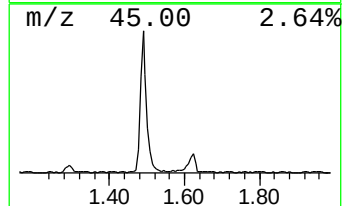
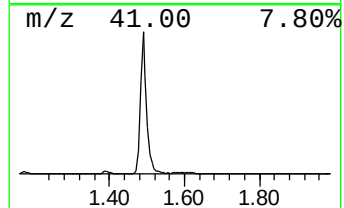
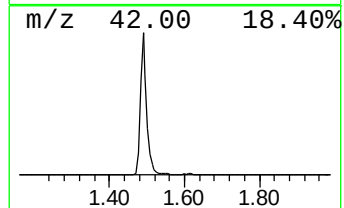
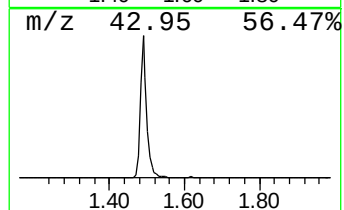
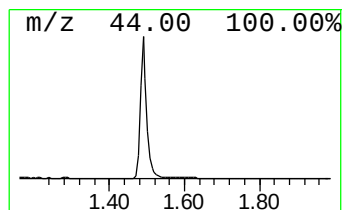
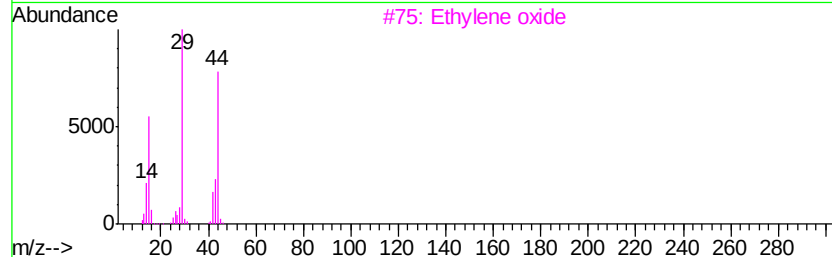
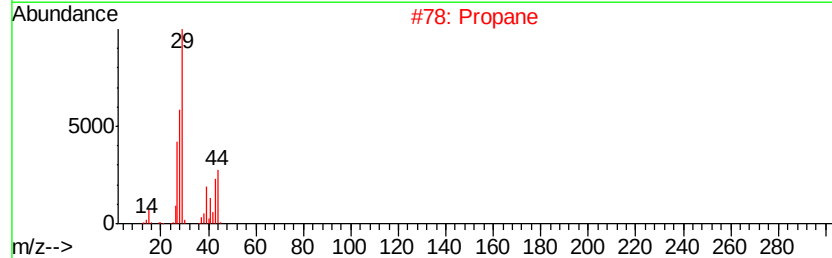
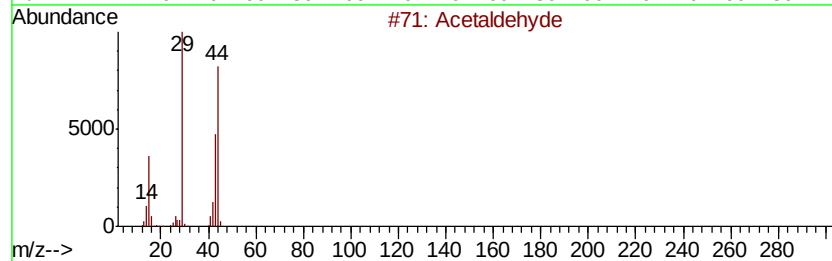
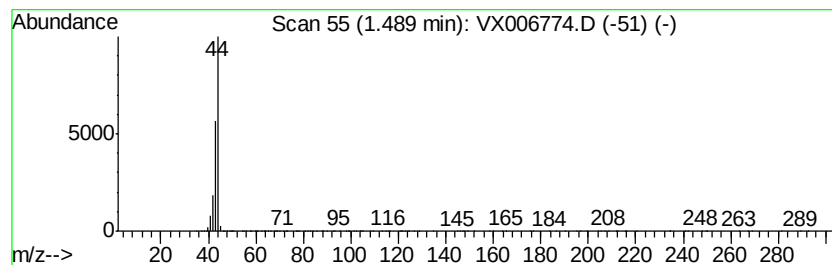
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Acetaldehyde Concentration Rank 1

| R.T. | EstConc     | Area    | Relative to ISTD   | R.T. |
|------|-------------|---------|--------------------|------|
| 1.49 | 140.70 ug/l | 4809540 | Pentafluorobenzene | 5.67 |

| Hit# of | 5               | Tentative ID | MW | MolForm | CAS#        | Qual |
|---------|-----------------|--------------|----|---------|-------------|------|
| 1       | Acetaldehydve   |              | 44 | C2H4O   | 000075-07-0 | 64   |
| 2       | Propane         |              | 44 | C3H8    | 000074-98-6 | 5    |
| 3       | Ethylene oxide  |              | 44 | C2H4O   | 000075-21-8 | 5    |
| 4       | Alanine         |              | 89 | C3H7NO2 | 000056-41-7 | 4    |
| 5       | Ethyne, fluoro- |              | 44 | C2HF    | 002713-09-9 | 3    |



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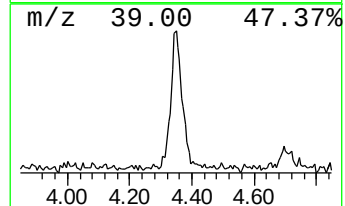
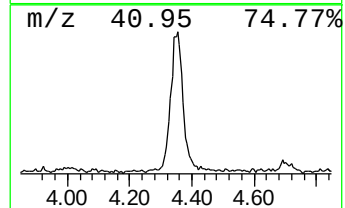
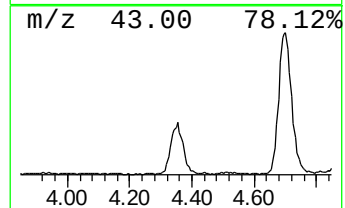
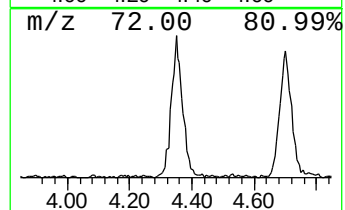
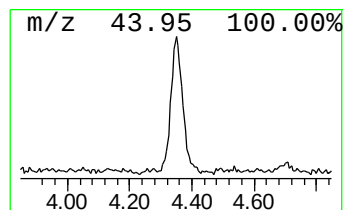
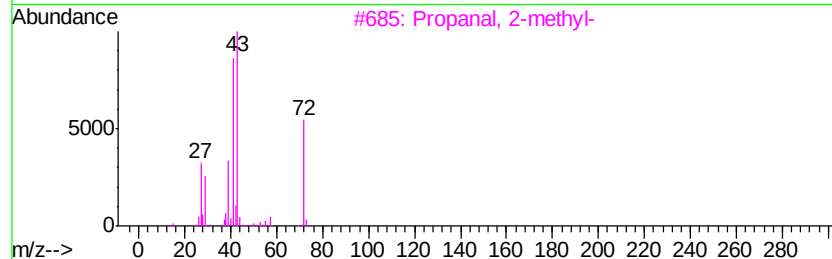
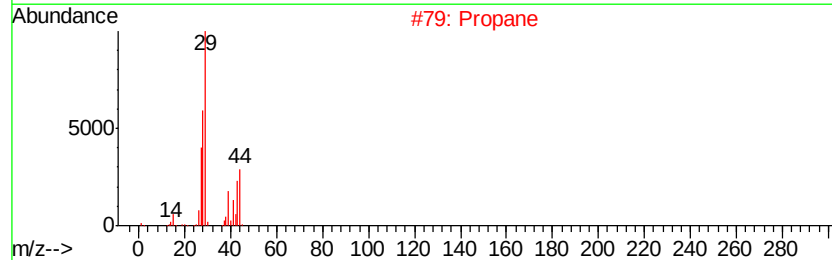
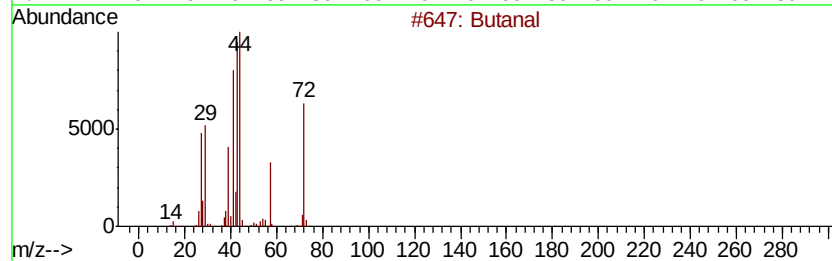
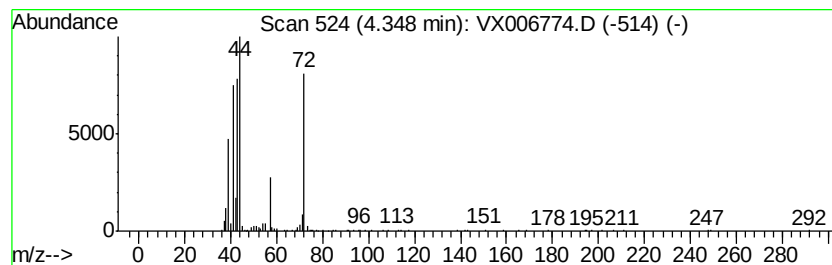
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Quant Title : SW846 8260

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

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Peak Number 4 Butanal Concentration Rank 3

| R.T. | EstConc   | Area   | Relative to ISTD   | R.T. |
|------|-----------|--------|--------------------|------|
| 4.35 | 5.73 ug/l | 195716 | Pentafluorobenzene | 5.67 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Butanal             | 72  | C4H8O   | 000123-72-8 | 94   |
| 2    |    | Propane             | 44  | C3H8    | 000074-98-6 | 53   |
| 3    |    | Propanal, 2-methyl- | 72  | C4H8O   | 000078-84-2 | 43   |
| 4    |    | Ethene, ethoxy-     | 72  | C4H8O   | 000109-92-2 | 40   |
| 5    |    | 3-Iodopropionamide  | 199 | C3H6INO | 021437-81-0 | 37   |



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Instrument :  
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Quant Title : SW846 8260

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

| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                  |      |         |       |          | #                     | RT   | Resp    | Conc |
| Acetaldehyde     | 1.49 | 140.7   | ug/l  | 4809540  | 1                     | 5.67 | 1709170 | 50.0 |
| Butanal          | 4.35 | 5.7     | ug/l  | 195716   | 1                     | 5.67 | 1709170 | 50.0 |