

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040219\  
 Data File : VX008587.D  
 Acq On : 02 Apr 2019 11:40  
 Operator : JC/SP  
 Sample : K2208-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EFFL-2

Integration Parameters: RTEINT3.P

Integrator: RTE  
 Smoothing : OFF  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 0 % 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\624X032719W.M  
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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         | 1.617       | 66            | 76          | 79           | rBV7     | 6837           | 15058         | 2.11%           | 0.496%        |
| 2         | 2.440       | 205           | 211         | 217          | rBV2     | 4736           | 8009          | 1.12%           | 0.264%        |
| 3         | 2.605       | 234           | 238         | 247          | rVB      | 6738           | 13958         | 1.96%           | 0.460%        |
| 4         | 5.013       | 621           | 633         | 644          | rBV      | 92365          | 275466        | 38.62%          | 9.079%        |
| 5         | 5.129       | 644           | 652         | 664          | rVB      | 40252          | 120345        | 16.87%          | 3.967%        |
| 6         | 6.055       | 793           | 804         | 815          | rBV      | 97484          | 259640        | 36.40%          | 8.558%        |
| 7         | 6.854       | 925           | 935         | 949          | rBV      | 218509         | 519791        | 72.87%          | 17.133%       |
| 8         | 8.713       | 1231          | 1240        | 1247         | rBV      | 462113         | 713314        | 100.00%         | 23.511%       |
| 9         | 8.780       | 1247          | 1251        | 1262         | rVB      | 21944          | 36844         | 5.17%           | 1.214%        |
| 10        | 10.109      | 1462          | 1469        | 1478         | rBV      | 432269         | 585117        | 82.03%          | 19.286%       |
| 11        | 10.353      | 1503          | 1509        | 1516         | rBV      | 16898          | 25444         | 3.57%           | 0.839%        |
| 12        | 10.695      | 1560          | 1565        | 1573         | rBV      | 9390           | 14344         | 2.01%           | 0.473%        |
| 13        | 11.018      | 1612          | 1618        | 1624         | rBV      | 6871           | 10188         | 1.43%           | 0.336%        |
| 14        | 11.134      | 1630          | 1637        | 1650         | rBV      | 345601         | 436422        | 61.18%          | 14.385%       |

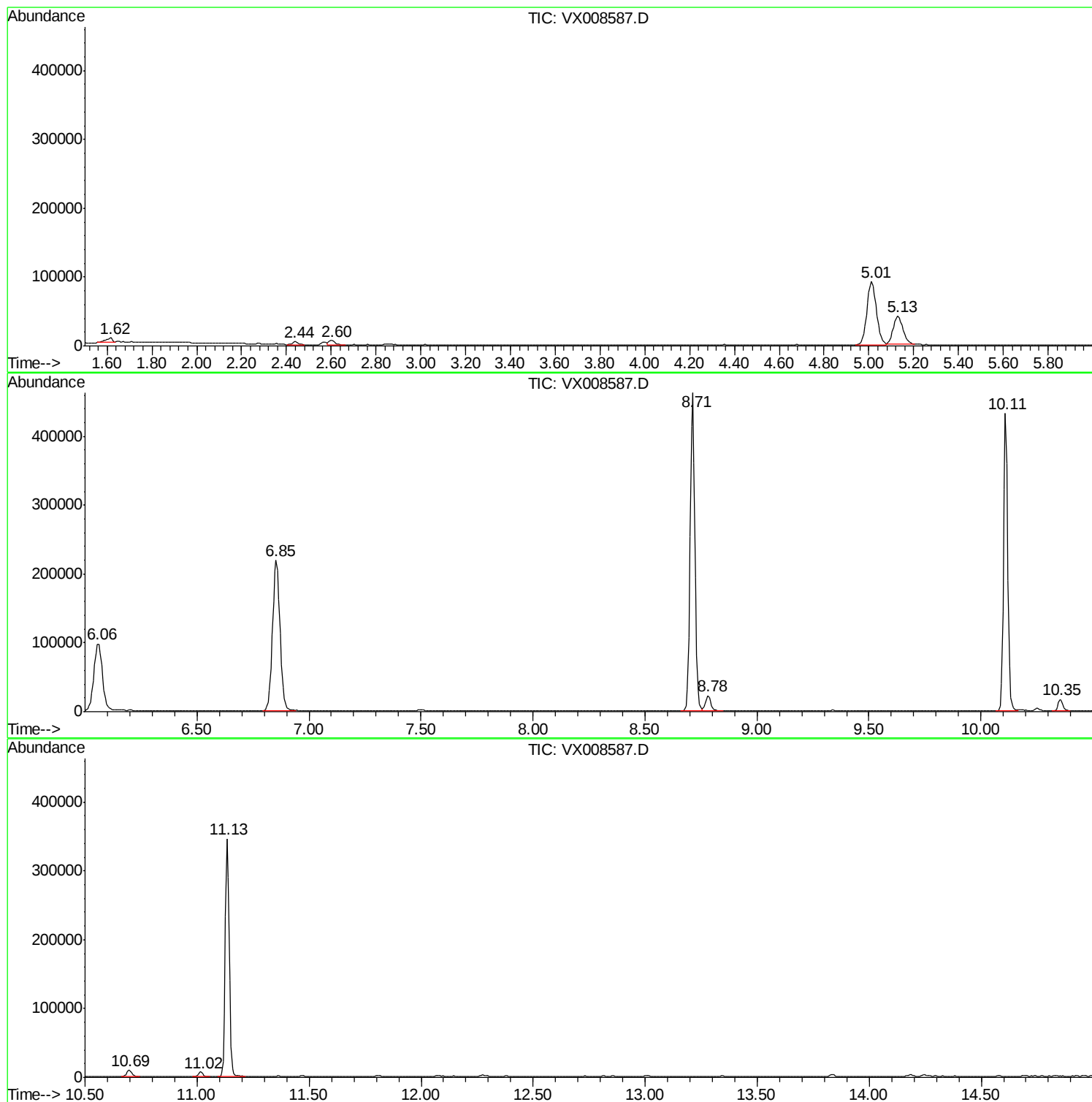
Sum of corrected areas: 3033940

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ClientSampleId :  
EFFL-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P



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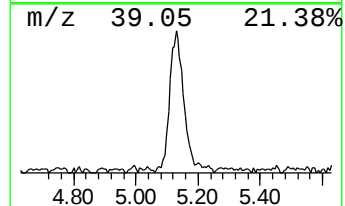
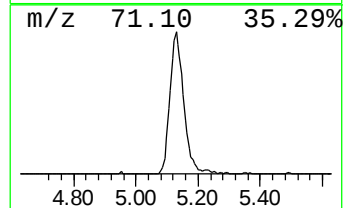
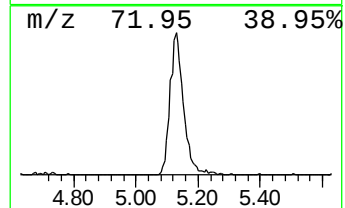
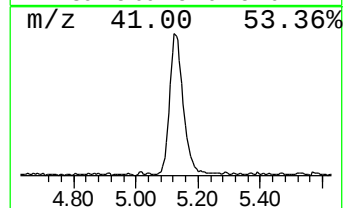
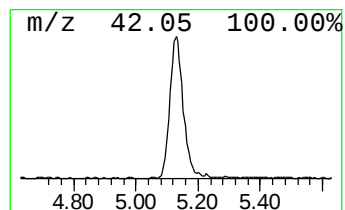
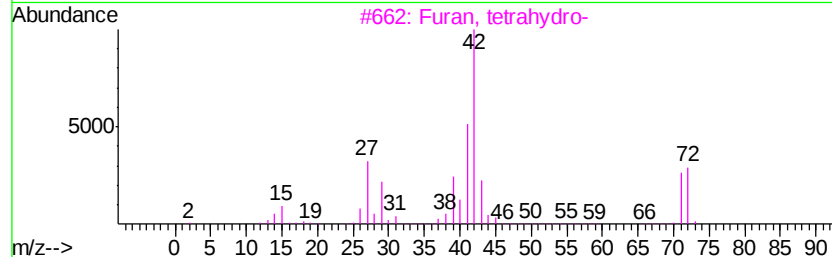
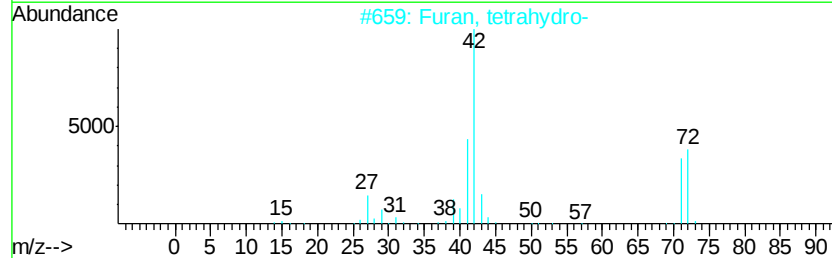
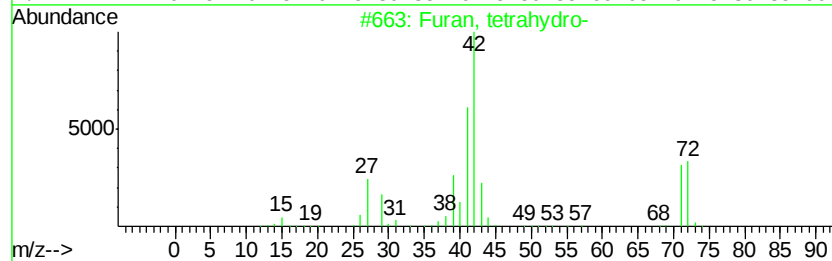
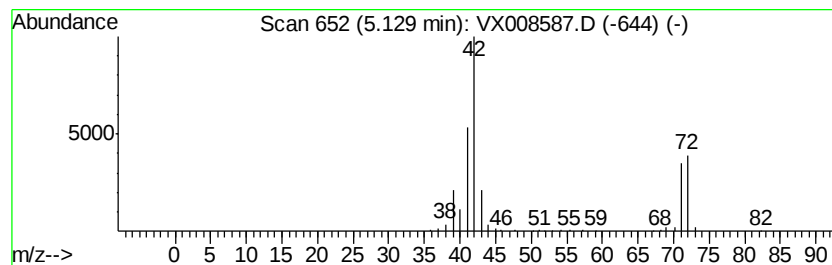
Instrument :  
MSVOA\_X  
ClientSampleId :  
EFFL-2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Furan, tetrahydro- Concentration Rank 1

| R.T.    | EstConc               | Area         | Relative to ISTD   | R.T.        |      |      |
|---------|-----------------------|--------------|--------------------|-------------|------|------|
| 5.13    | 13.11 ug/l            | 120345       | Bromochloromethane | 5.01        |      |      |
| Hit# of | 5                     | Tentative ID | MW                 | MolForm     | CAS# | Qual |
| 1       | Furan, tetrahydro-    | 72           | C4H8O              | 000109-99-9 | 91   |      |
| 2       | Furan, tetrahydro-    | 72           | C4H8O              | 000109-99-9 | 90   |      |
| 3       | Furan, tetrahydro-    | 72           | C4H8O              | 000109-99-9 | 83   |      |
| 4       | 1-Propene, 2-methoxy- | 72           | C4H8O              | 000116-11-0 | 72   |      |
| 5       | Oxirane, ethyl-       | 72           | C4H8O              | 000106-88-7 | 58   |      |



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| TIC Top Hit name   | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|--------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                    |      |         |       |          | #                     | RT   | Resp   | Conc |
| Furan, tetrahydro- | 5.13 | 13.1    | ug/l  | 120345   | 1                     | 5.01 | 275466 | 30.0 |