

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\  
Data File : VX013415.D  
Acq On : 14 Nov 2019 12:29  
Operator : JC/SP  
Sample : K5834-02 10X  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
14B-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\624X111119W.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         | 1.655       | 105           | 126         | 129          | rBV      | 101327         | 501382        | 27.73%          | 5.841%        |
| 2         | 2.637       | 282           | 287         | 290          | rBV2     | 10085          | 20112         | 1.11%           | 0.234%        |
| 3         | 3.003       | 340           | 347         | 355          | rBV      | 18063          | 43395         | 2.40%           | 0.506%        |
| 4         | 5.002       | 662           | 675         | 687          | rBV2     | 239147         | 704565        | 38.97%          | 8.208%        |
| 5         | 5.197       | 695           | 707         | 720          | rBV      | 269140         | 780154        | 43.15%          | 9.089%        |
| 6         | 6.051       | 838           | 847         | 858          | rBV2     | 250493         | 641905        | 35.50%          | 7.478%        |
| 7         | 6.849       | 970           | 978         | 989          | rBV      | 565762         | 1300513       | 71.93%          | 15.151%       |
| 8         | 7.892       | 1143          | 1149        | 1159         | rVB      | 61961          | 112387        | 6.22%           | 1.309%        |
| 9         | 8.709       | 1277          | 1283        | 1294         | rVB      | 1197225        | 1808069       | 100.00%         | 21.064%       |
| 10        | 10.111      | 1507          | 1513        | 1521         | rBV      | 1114159        | 1507550       | 83.38%          | 17.563%       |
| 11        | 11.135      | 1675          | 1681        | 1689         | rBV      | 900613         | 1163771       | 64.37%          | 13.558%       |

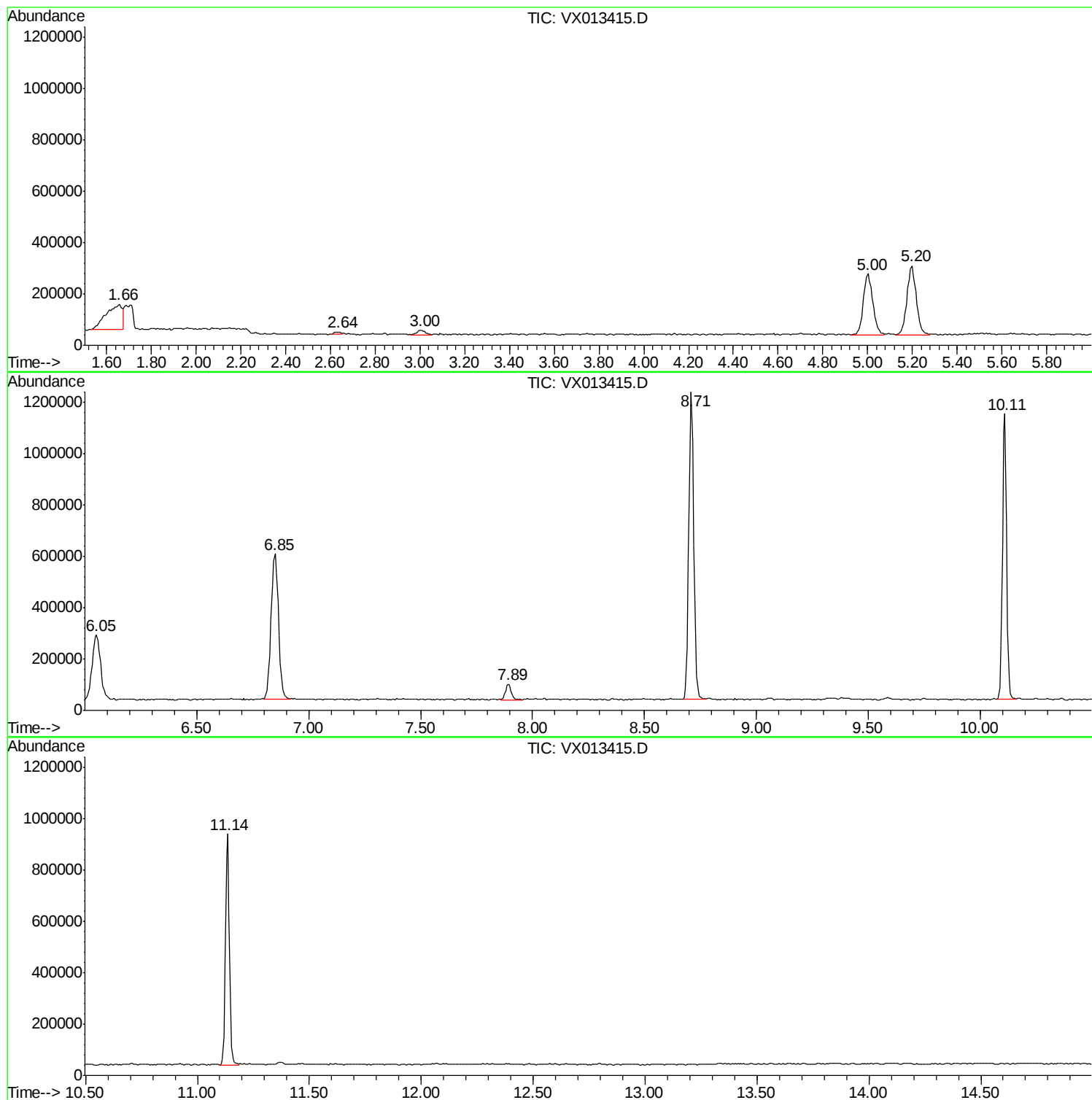
Sum of corrected areas: 8583803

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

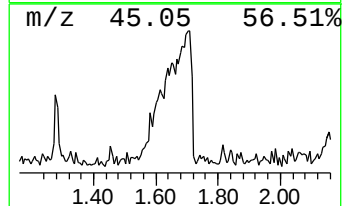
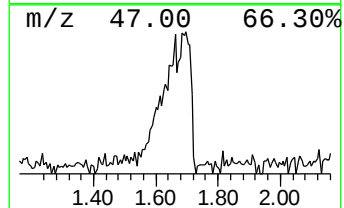
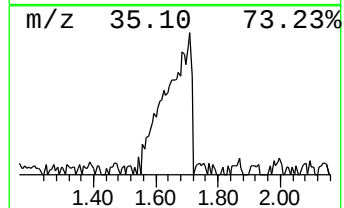
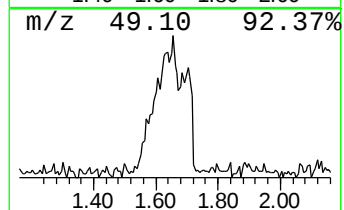
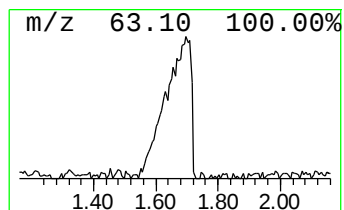
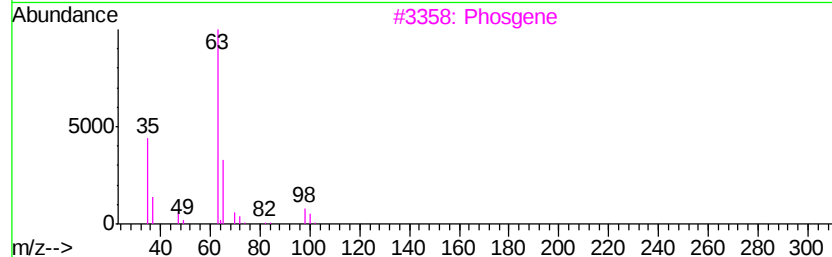
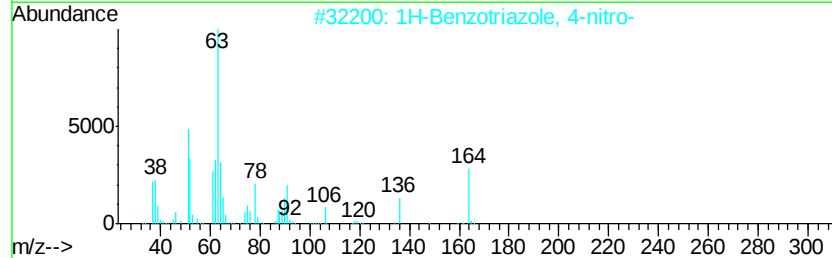
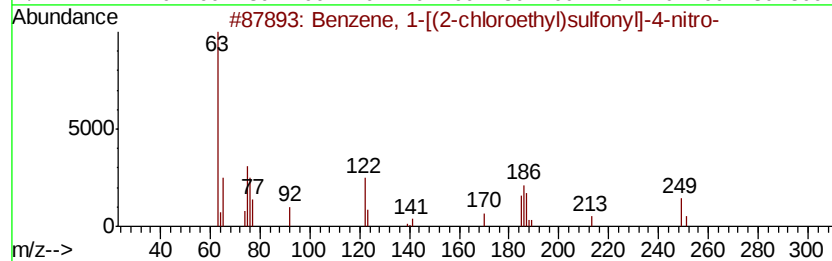
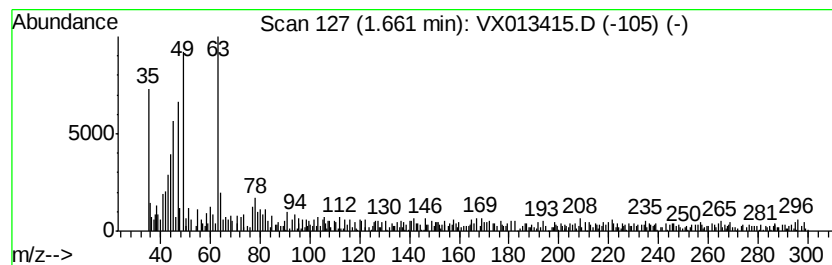
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 unknown1.66 Concentration Rank 1

| R.T. | EstConc    | Area   | Relative to ISTD   | R.T. |
|------|------------|--------|--------------------|------|
| 1.66 | 21.35 ug/l | 501382 | Bromochloromethane | 5.00 |

| Hit# of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|---------|---|-------------------------------------|-----|------------|-------------|------|
| 1       |   | Benzene, 1-[(2-chloroethyl)sulfo... | 249 | C8H8ClN04S | 006461-63-8 | 43   |
| 2       |   | 1H-Benzotriazole, 4-nitro-          | 164 | C6H4N4O2   | 006299-39-4 | 25   |
| 3       |   | Phosgene                            | 98  | CCl2O      | 000075-44-5 | 23   |
| 4       |   | 1H-Benzotriazole, 5-nitro-          | 164 | C6H4N4O2   | 002338-12-7 | 12   |
| 5       |   | Ethane, 1-(2-chloroethoxy)-2-(o-... | 214 | C11H15ClO2 | 021120-80-9 | 12   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                  |      |         |       |          | #                     | RT   | Resp   | Conc |
| unknown1.66      | 1.66 | 21.4    | ug/l  | 501382   | 1                     | 5.00 | 704565 | 30.0 |