

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011520\  
 Data File : VX014624.D  
 Acq On : 15 Jan 2020 17:24  
 Operator : JC/SP  
 Sample : L1135-02DL 10X  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TE-MW-D-1DL

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\624X011520W.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         | 1.594       | 110           | 116         | 121          | rVB7     | 28291          | 54243         | 4.39%           | 0.956%        |
| 2         | 2.210       | 215           | 217         | 226          | rVB10    | 15927          | 41280         | 3.34%           | 0.727%        |
| 3         | 2.430       | 248           | 253         | 256          | rBV      | 11026          | 17509         | 1.42%           | 0.309%        |
| 4         | 2.588       | 274           | 279         | 287          | rVB      | 9047           | 19069         | 1.54%           | 0.336%        |
| 5         | 3.185       | 369           | 377         | 390          | rVB      | 264785         | 614467        | 49.68%          | 10.829%       |
| 6         | 4.667       | 615           | 620         | 627          | rBV3     | 7673           | 22927         | 1.85%           | 0.404%        |
| 7         | 5.008       | 667           | 676         | 687          | rVB2     | 160129         | 464391        | 37.55%          | 8.184%        |
| 8         | 6.057       | 839           | 848         | 861          | rBV      | 171283         | 446504        | 36.10%          | 7.869%        |
| 9         | 6.849       | 971           | 978         | 990          | rVB      | 385349         | 878796        | 71.05%          | 15.487%       |
| 10        | 7.209       | 1029          | 1037        | 1045         | rVB      | 8247           | 22465         | 1.82%           | 0.396%        |
| 11        | 8.709       | 1277          | 1283        | 1292         | rVB      | 806042         | 1236859       | 100.00%         | 21.798%       |
| 12        | 9.331       | 1379          | 1385        | 1389         | rBV      | 33399          | 48693         | 3.94%           | 0.858%        |
| 13        | 10.111      | 1506          | 1513        | 1523         | rVB      | 734361         | 1026697       | 83.01%          | 18.094%       |
| 14        | 11.135      | 1673          | 1681        | 1694         | rBV      | 565573         | 763038        | 61.69%          | 13.447%       |
| 15        | 12.202      | 1852          | 1856        | 1859         | rBV      | 12686          | 17307         | 1.40%           | 0.305%        |

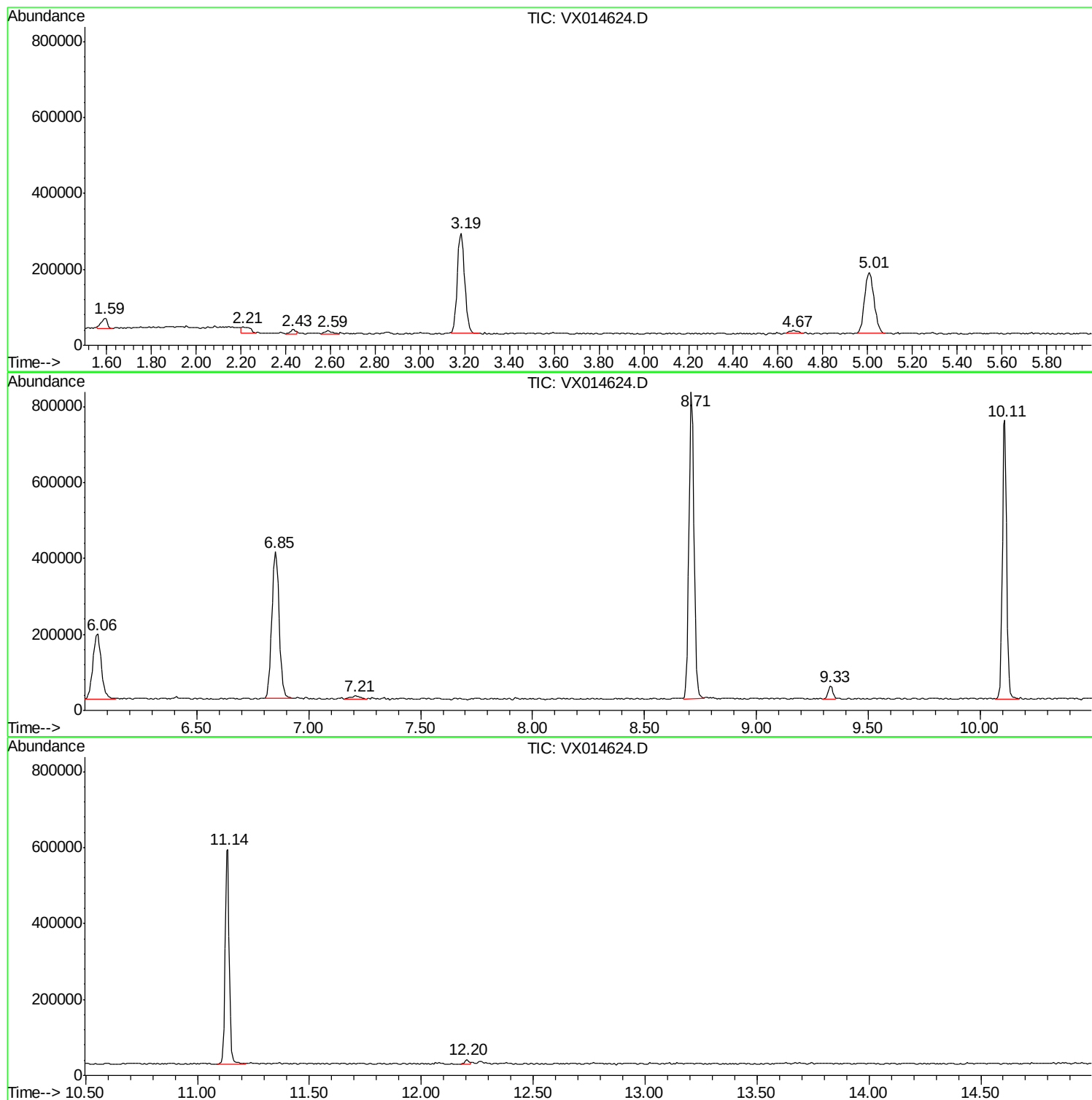
Sum of corrected areas: 5674245

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ClientSampleId :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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ClientSampleId :  
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

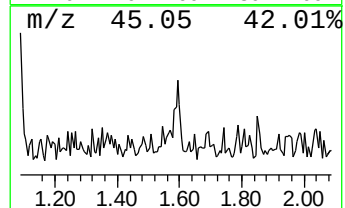
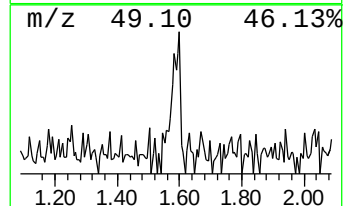
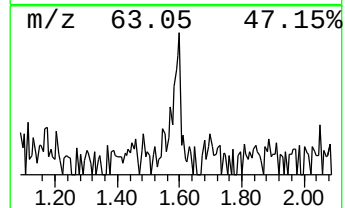
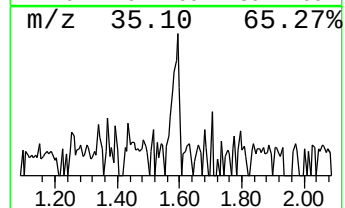
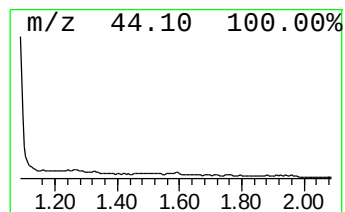
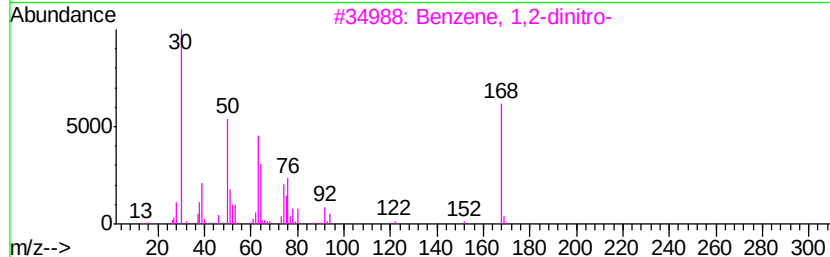
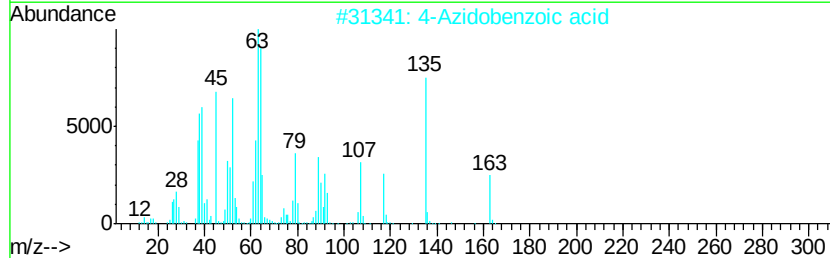
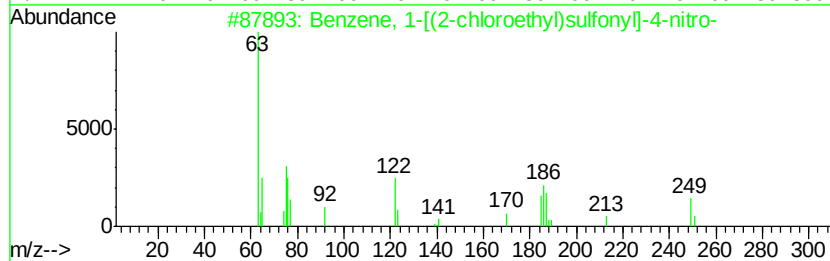
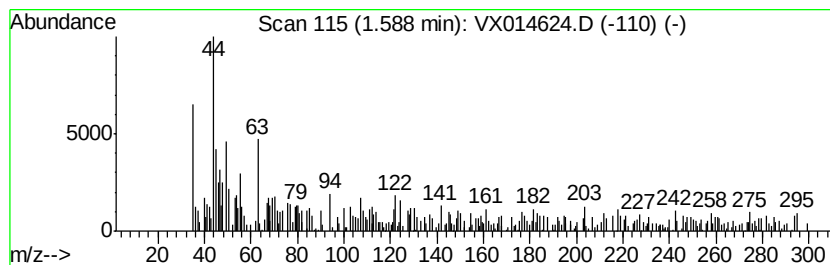
TIC Library : C:\DATABASE\NIST02.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Benzene, 1-[(2-chloroethyl)... Concentration Rank 1

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 1.59 | 3.50 ug/l | 54243 | Bromochloromethane | 5.01 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|------------|-------------|------|
| 1    |    |   | Benzene, 1-[(2-chloroethyl)sulfo... | 249 | C8H8ClN04S | 006461-63-8 | 25   |
| 2    |    |   | 4-Azidobenzoic acid                 | 163 | C7H5N3O2   | 006427-66-3 | 25   |
| 3    |    |   | Benzene, 1,2-dinitro-               | 168 | C6H4N2O4   | 000528-29-0 | 16   |
| 4    |    |   | Benzene, 1,2-dinitro-               | 168 | C6H4N2O4   | 000528-29-0 | 16   |
| 5    |    |   | 2-Chloroethyl methyl sulfoxide      | 126 | C3H7ClOS   | 005331-57-7 | 16   |



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| TIC Top Hit name     | RT   | EstConc | Units | Response | --Internal Standard-- |      |        |      |
|----------------------|------|---------|-------|----------|-----------------------|------|--------|------|
|                      |      |         |       |          | #                     | RT   | Resp   | Conc |
| Benzene, 1-[(2-ch... | 1.59 | 3.5     | ug/l  | 54243    | 1                     | 5.01 | 464391 | 30.0 |