

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_R\DATA\VR100518\  
 Data File : VR025969.D  
 Acq On : 5 Oct 2018 23:42  
 Operator : SY/MD  
 Sample : J5276-14  
 Misc : 25mL/MSVOA\_R/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_R  
 ClientSampleId :  
 BEYB1

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\_R\METHODS\SOMRTR092718WMA.M

Title : TRACE VOA SOM01.0

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         | 2.153       | 70            | 78          | 91           | rBV      | 47266          | 153345        | 11.94%          | 1.546%        |
| 2         | 2.628       | 146           | 156         | 165          | rBV2     | 80711          | 217589        | 16.95%          | 2.194%        |
| 3         | 3.620       | 306           | 319         | 334          | rBV3     | 135454         | 535869        | 41.73%          | 5.404%        |
| 4         | 3.942       | 365           | 372         | 381          | rBV3     | 33755          | 100729        | 7.84%           | 1.016%        |
| 5         | 4.483       | 452           | 461         | 462          | rBV3     | 14837          | 28167         | 2.19%           | 0.284%        |
| 6         | 4.514       | 465           | 466         | 473          | rVB7     | 9853           | 15448         | 1.20%           | 0.156%        |
| 7         | 6.588       | 798           | 807         | 820          | rBV      | 104037         | 325354        | 25.34%          | 3.281%        |
| 8         | 6.789       | 833           | 840         | 849          | rVB      | 59759          | 141558        | 11.02%          | 1.428%        |
| 9         | 7.197       | 896           | 907         | 918          | rBV      | 224623         | 558579        | 43.50%          | 5.633%        |
| 10        | 7.854       | 1004          | 1015        | 1033         | rBV2     | 402601         | 1143733       | 89.07%          | 11.534%       |
| 11        | 8.456       | 1106          | 1114        | 1125         | rBV      | 604858         | 1147261       | 89.35%          | 11.570%       |
| 12        | 8.900       | 1180          | 1187        | 1198         | rBV      | 295628         | 568538        | 44.28%          | 5.734%        |
| 13        | 9.679       | 1309          | 1315        | 1323         | rBV2     | 108886         | 187256        | 14.58%          | 1.888%        |
| 14        | 9.971       | 1355          | 1363        | 1369         | rBV      | 588624         | 918839        | 71.56%          | 9.266%        |
| 15        | 10.032      | 1369          | 1373        | 1378         | rVB5     | 12763          | 23553         | 1.83%           | 0.238%        |
| 16        | 10.239      | 1401          | 1407        | 1413         | rBV      | 52100          | 86947         | 6.77%           | 0.877%        |
| 17        | 10.591      | 1458          | 1465        | 1477         | rBV      | 489672         | 786380        | 61.24%          | 7.931%        |
| 18        | 11.285      | 1572          | 1579        | 1589         | rBV      | 841644         | 1284059       | 100.00%         | 12.950%       |
| 19        | 12.301      | 1741          | 1746        | 1751         | rBV7     | 11872          | 20332         | 1.58%           | 0.205%        |
| 20        | 12.362      | 1751          | 1756        | 1763         | rBV      | 132805         | 192088        | 14.96%          | 1.937%        |
| 21        | 13.219      | 1890          | 1897        | 1907         | rBV      | 631269         | 919133        | 71.58%          | 9.269%        |
| 22        | 13.511      | 1939          | 1945        | 1955         | rVB      | 380563         | 561025        | 43.69%          | 5.658%        |

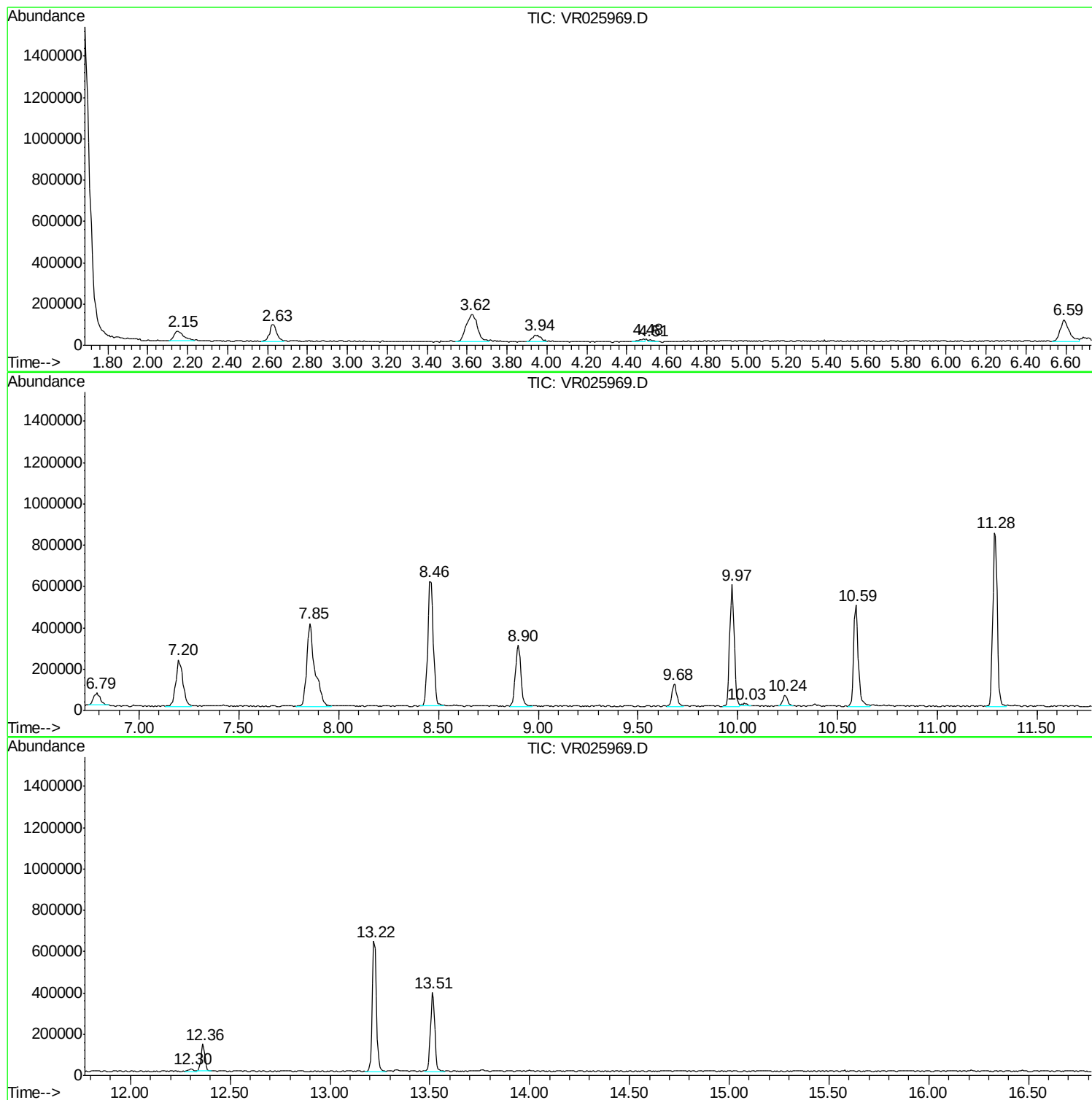
Sum of corrected areas: 9915782

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ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSV0A\_R  
ClientSampleId :  
BEYB1

Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A\_R\METHODS\SOMRTR092718WMA.M  
Quant Title : TRACE VOA SOM01.0

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



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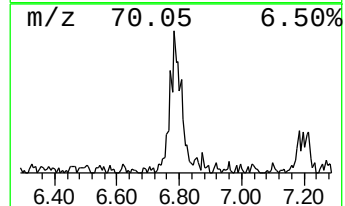
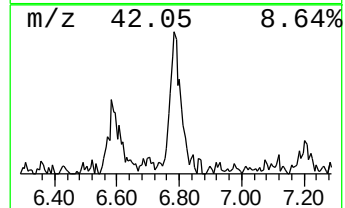
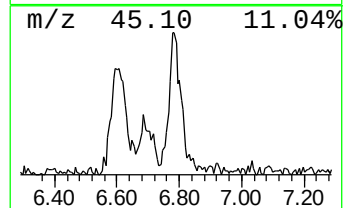
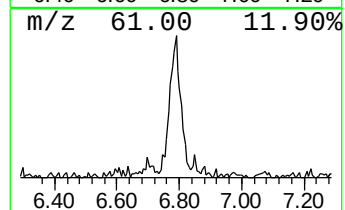
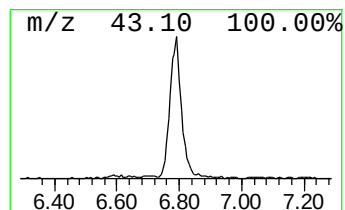
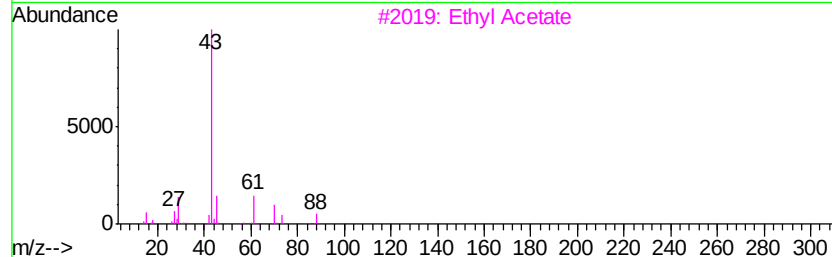
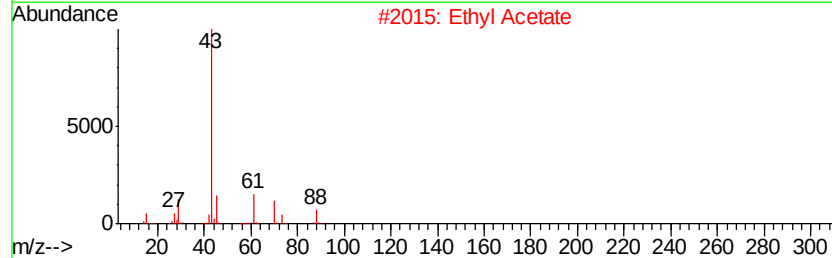
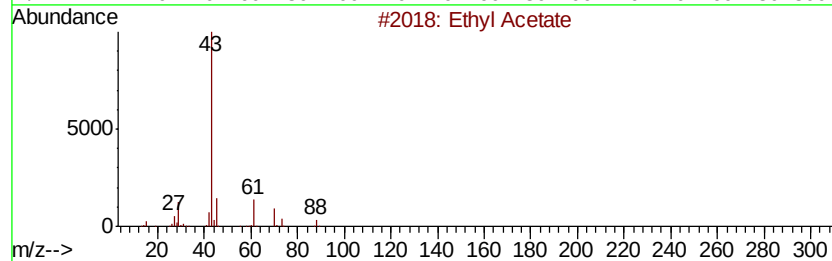
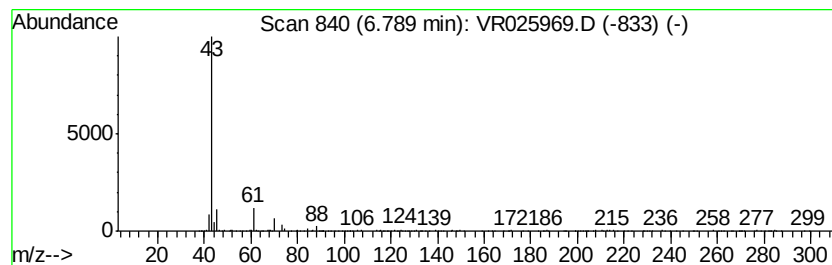
Instrument :  
MSVOA\_R  
ClientSampleId :  
BEYB1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_R\METHODS\SOMRTR092718WMA.M  
Quant Title : TRACE VOA SOM01.0

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

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Peak Number 1 Ethyl Acetate Concentration Rank 2

| R.T.    | EstConc         | Area         | Relative to ISTD    | R.T.      |
|---------|-----------------|--------------|---------------------|-----------|
| 6.79    | 0.62 ug/L       | 141558       | 1,4-Difluorobenzene | 8.46      |
| Hit# of | 5               | Tentative ID | MW MolForm          | CAS# Qual |
| 1       | Ethyl Acetate   | 88 C4H8O2    | 000141-78-6         | 58        |
| 2       | Ethyl Acetate   | 88 C4H8O2    | 000141-78-6         | 42        |
| 3       | Ethyl Acetate   | 88 C4H8O2    | 000141-78-6         | 38        |
| 4       | Ethyl Acetate   | 88 C4H8O2    | 000141-78-6         | 38        |
| 5       | Thioacetic acid | 76 C2H4OS    | 000507-09-5         | 36        |



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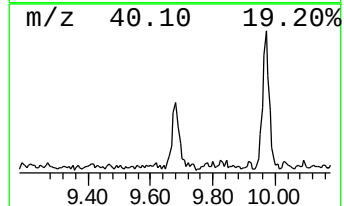
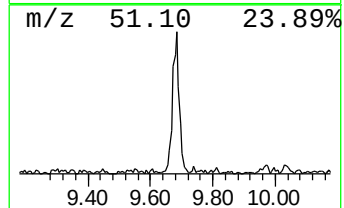
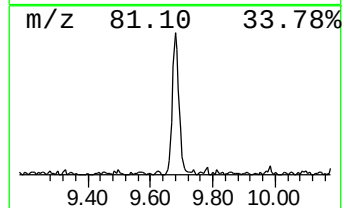
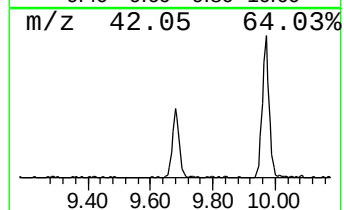
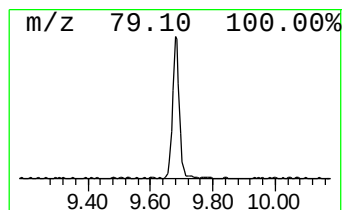
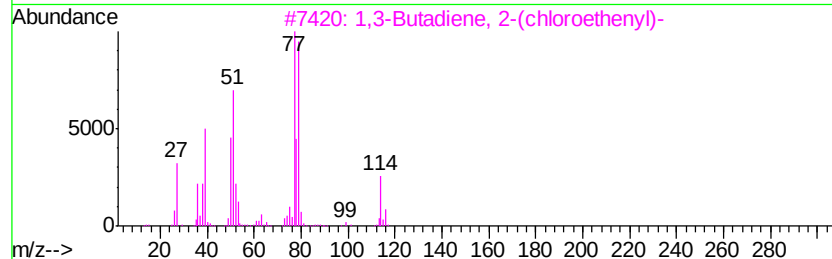
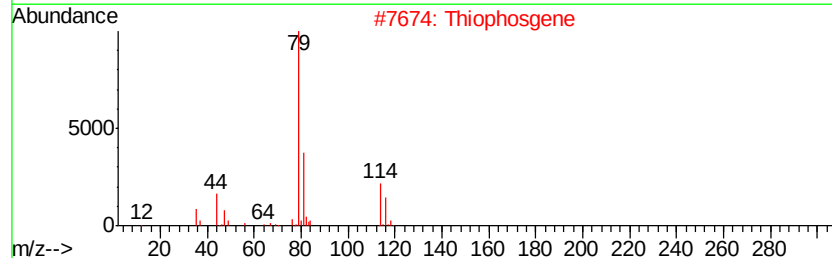
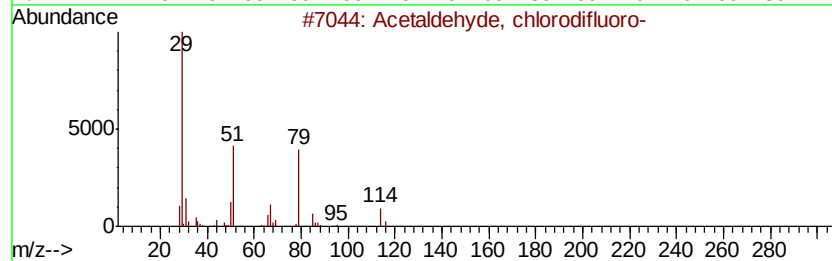
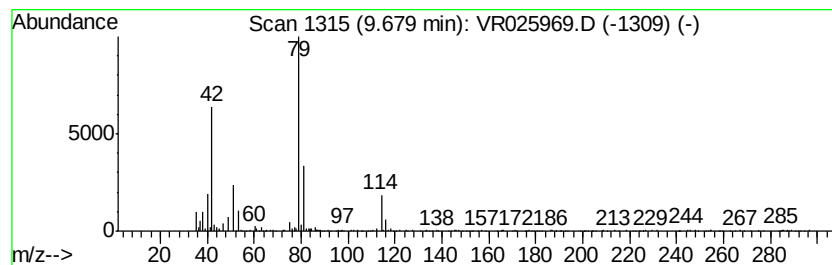
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TIC Integration Parameters: LSCINT.P

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Peak Number 2 unknown-01 Concentration Rank 1

| R.T. | EstConc   | Area   | Relative to ISTD    | R.T. |
|------|-----------|--------|---------------------|------|
| 9.68 | 0.82 ug/L | 187256 | 1,4-Difluorobenzene | 8.46 |

| Hit# | of | Tentative ID                      | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------------------|-----|----------|-------------|------|
| 1    | 5  | Acetaldehyde, chlorodifluoro-     | 114 | C2HClF2O | 000811-96-1 | 43   |
| 2    |    | Thiophosgene                      | 114 | CCl2S    | 000463-71-8 | 32   |
| 3    |    | 1,3-Butadiene, 2-(chloroethenyl)- | 114 | C6H7Cl   | 080297-56-9 | 22   |
| 4    |    | 2-Propanol, 1,3-dichloro-         | 128 | C3H6Cl2O | 000096-23-1 | 17   |
| 5    |    | 2-Propanol, 1,3-dichloro-         | 128 | C3H6Cl2O | 000096-23-1 | 12   |



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| TIC Top Hit name | RT   | EstConc | Units | Response | --Internal Standard-- |      |         |      |
|------------------|------|---------|-------|----------|-----------------------|------|---------|------|
|                  |      |         |       |          | #                     | RT   | Resp    | Conc |
| Ethyl Acetate    | 6.79 | 0.6     | ug/L  | 141558   | 1                     | 8.46 | 1147260 | 5.0  |
| unknown-01       | 9.68 | 0.8     | ug/L  | 187256   | 1                     | 8.46 | 1147260 | 5.0  |