

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\  
 Data File : VW007464.D  
 Acq On : 13 Dec 2018 03:06  
 Operator : SY/AP  
 Sample : J6340-06  
 Misc : 4.97G/5ML/MSVOA W/SOIL  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 SB-04B

## 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\_W\METHOD\82W121118S.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         | 1.952       | 5             | 8           | 15           | rVB3     | 1642           | 3097          | 3.45%           | 0.679%        |
| 2         | 2.166       | 37            | 43          | 51           | rVB5     | 2327           | 5521          | 6.15%           | 1.210%        |
| 3         | 4.117       | 356           | 363         | 373          | rBB2     | 1116           | 2891          | 3.22%           | 0.634%        |
| 4         | 4.909       | 481           | 493         | 502          | rBB3     | 2141           | 6031          | 6.72%           | 1.322%        |
| 5         | 5.939       | 654           | 662         | 663          | rBV2     | 498            | 1088          | 1.21%           | 0.238%        |
| 6         | 7.140       | 850           | 859         | 868          | rBV2     | 4538           | 11993         | 13.36%          | 2.628%        |
| 7         | 7.884       | 972           | 981         | 986          | rBV2     | 25088          | 60052         | 66.88%          | 13.160%       |
| 8         | 7.945       | 986           | 991         | 1000         | rVB      | 29667          | 64753         | 72.11%          | 14.191%       |
| 9         | 8.305       | 1035          | 1050        | 1061         | rBB      | 23626          | 54016         | 60.15%          | 11.838%       |
| 10        | 8.841       | 1130          | 1138        | 1147         | rBV      | 46200          | 89796         | 100.00%         | 19.679%       |
| 11        | 9.335       | 1213          | 1219        | 1224         | rBB3     | 1888           | 3676          | 4.09%           | 0.806%        |
| 12        | 10.323      | 1374          | 1381        | 1389         | rBB      | 35310          | 61074         | 68.01%          | 13.384%       |
| 13        | 10.493      | 1400          | 1409        | 1412         | rBV5     | 542            | 1203          | 1.34%           | 0.264%        |
| 14        | 10.707      | 1439          | 1444        | 1450         | rVB2     | 3698           | 6085          | 6.78%           | 1.334%        |
| 15        | 11.067      | 1498          | 1503        | 1509         | rBV      | 4443           | 6516          | 7.26%           | 1.428%        |
| 16        | 11.438      | 1559          | 1564        | 1570         | rVB      | 3754           | 5870          | 6.54%           | 1.286%        |
| 17        | 11.633      | 1590          | 1596        | 1604         | rVV      | 19947          | 34319         | 38.22%          | 7.521%        |
| 18        | 12.615      | 1749          | 1757        | 1764         | rBB3     | 11505          | 18747         | 20.88%          | 4.108%        |
| 19        | 12.938      | 1806          | 1810        | 1815         | rBB      | 625            | 955           | 1.06%           | 0.209%        |
| 20        | 13.194      | 1849          | 1852        | 1856         | rVB2     | 848            | 1155          | 1.29%           | 0.253%        |
| 21        | 13.304      | 1866          | 1870        | 1875         | rBB2     | 1264           | 1585          | 1.77%           | 0.347%        |
| 22        | 13.414      | 1883          | 1888        | 1892         | rBV3     | 1241           | 2176          | 2.42%           | 0.477%        |
| 23        | 13.560      | 1907          | 1912        | 1917         | rBV2     | 3182           | 4911          | 5.47%           | 1.076%        |
| 24        | 13.615      | 1917          | 1921        | 1926         | rVB2     | 1160           | 1902          | 2.12%           | 0.417%        |
| 25        | 14.078      | 1991          | 1997        | 2002         | rBB2     | 2940           | 4596          | 5.12%           | 1.007%        |
| 26        | 15.444      | 2217          | 2221        | 2227         | rBV4     | 744            | 1402          | 1.56%           | 0.307%        |
| 27        | 15.505      | 2227          | 2231        | 2236         | rVB      | 517            | 899           | 1.00%           | 0.197%        |

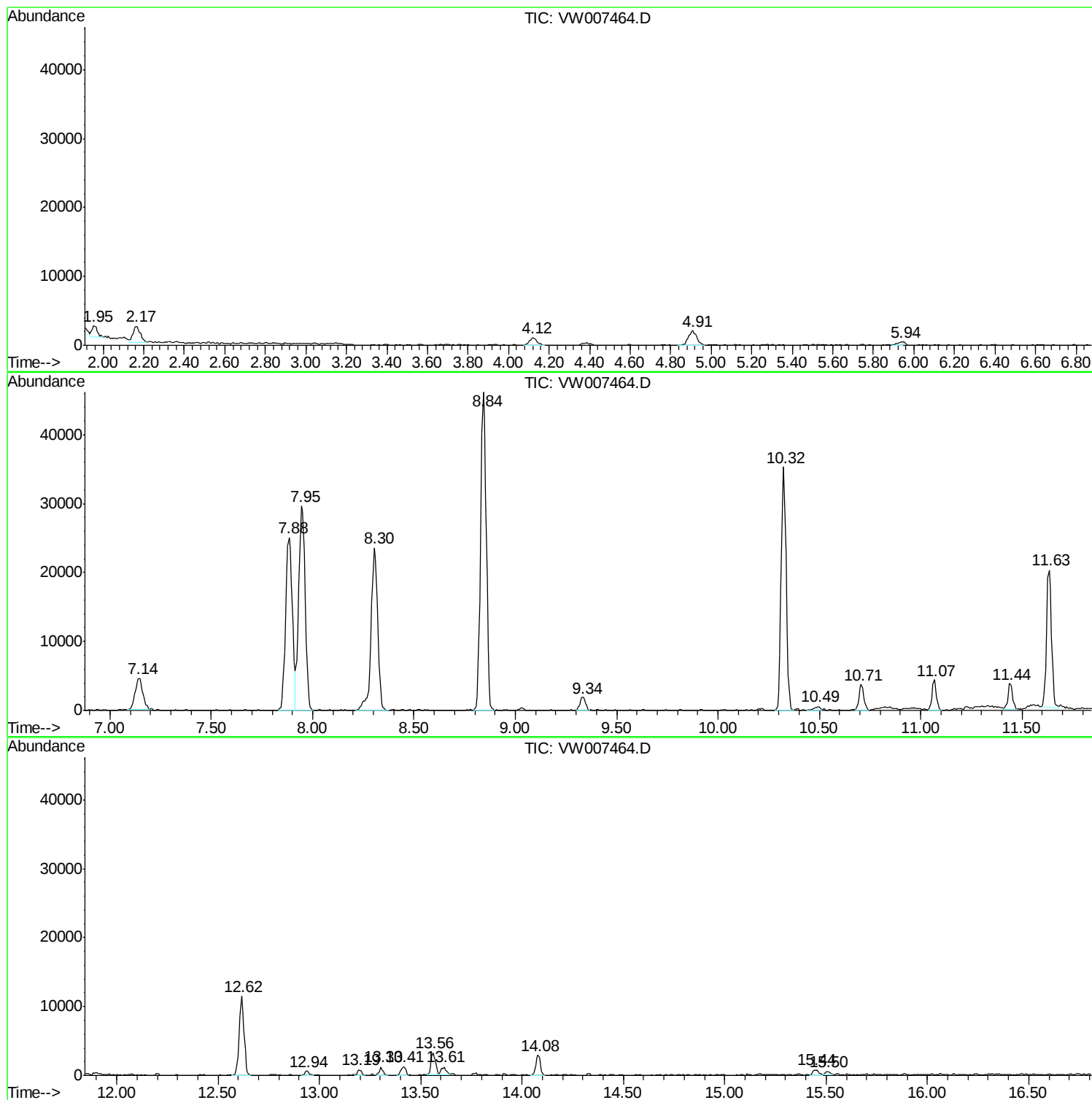
Sum of corrected areas: 456309

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SB-04B

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W121118S.M  
Quant Title : SW846 8260

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



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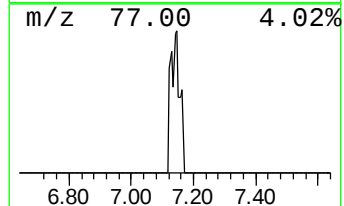
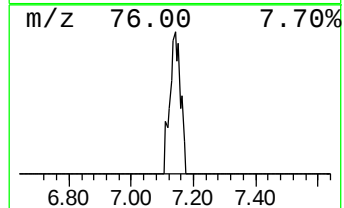
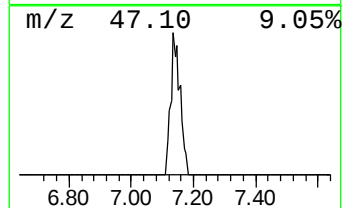
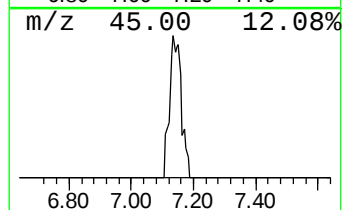
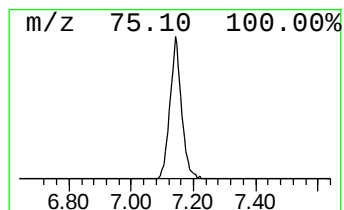
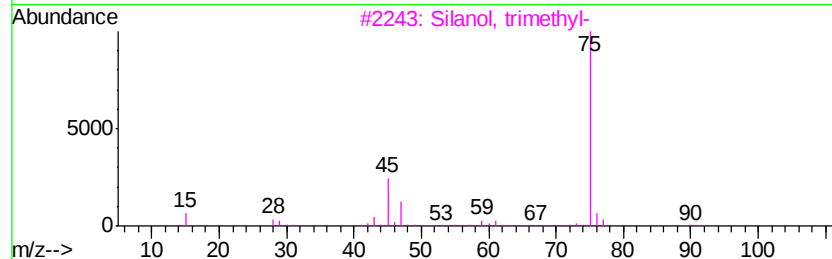
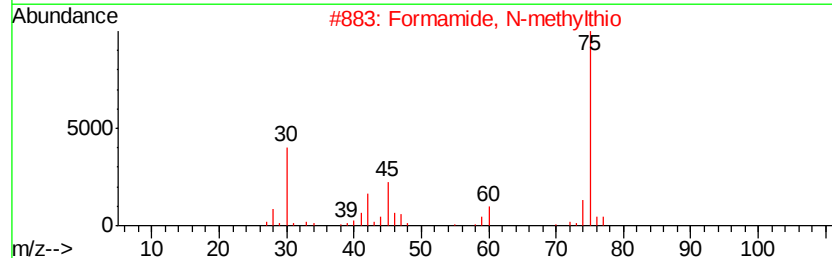
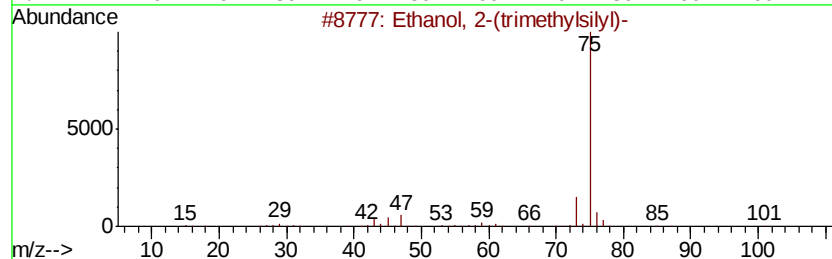
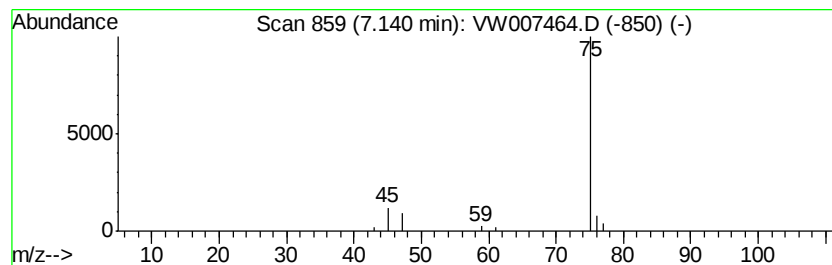
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Peak Number 1 Ethanol, 2-(trimethylsilyl)- Concentration Rank 9

| R.T. | EstConc   | Area  | Relative to ISTD   | R.T. |
|------|-----------|-------|--------------------|------|
| 7.14 | 9.26 ug/l | 11993 | Pentafluorobenzene | 7.95 |

| Hit# | of | Tentative ID                 | MW  | MolForm  | CAS#        | Qual |
|------|----|------------------------------|-----|----------|-------------|------|
| 1    | 5  | Ethanol, 2-(trimethylsilyl)- | 118 | C5H14OSi | 002916-68-9 | 64   |
| 2    |    | Formamide, N-methylthio      | 75  | C2H5NS   | 018952-41-5 | 9    |
| 3    |    | Silanol, trimethyl-          | 90  | C3H10OSi | 001066-40-6 | 9    |
| 4    |    | Ethanethioamide              | 75  | C2H5NS   | 000062-55-5 | 5    |
| 5    |    | Mercaptamine                 | 77  | C2H7NS   | 000060-23-1 | 4    |



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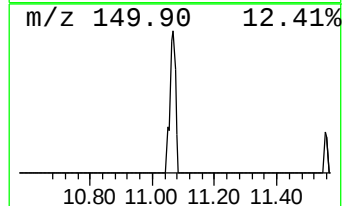
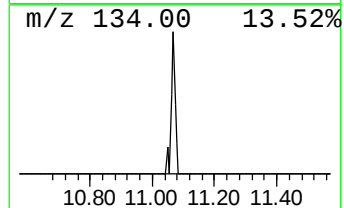
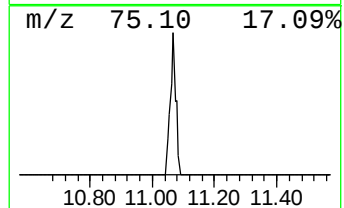
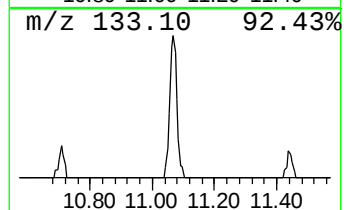
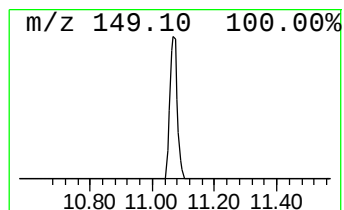
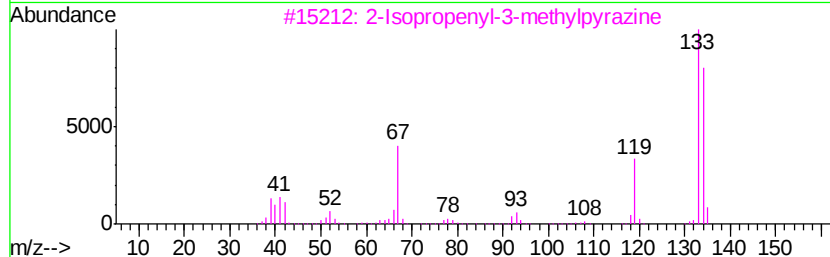
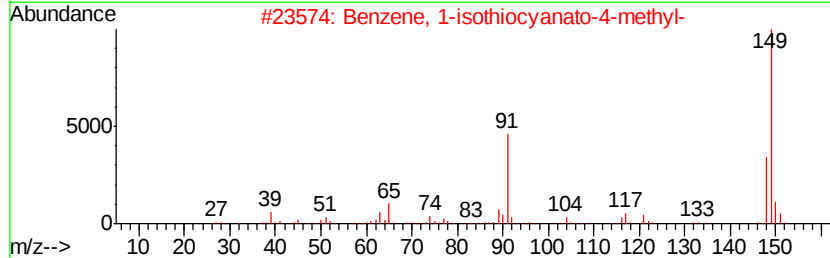
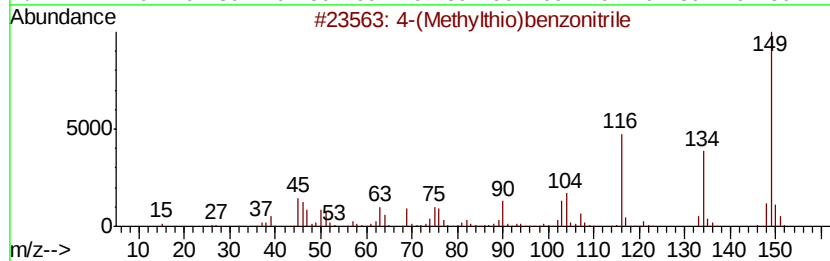
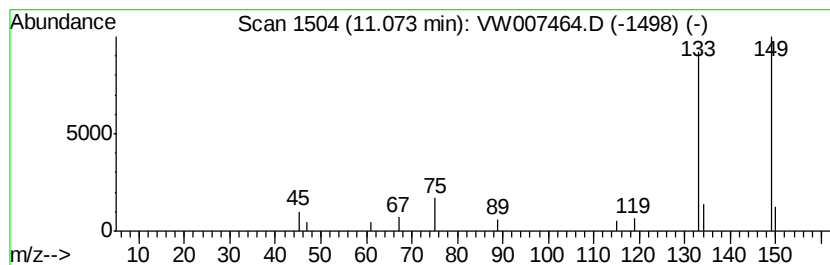
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Peak Number 2 unknown11.07 Concentration Rank 8

| R.T.  | EstConc   | Area | Relative to ISTD | R.T.  |
|-------|-----------|------|------------------|-------|
| 11.07 | 9.49 ug/l | 6516 | Chlorobenzene-d5 | 11.63 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 4-(Methylthio)benzonitrile          | 149 | C8H7NS    | 021382-98-9  | 32   |
| 2    |    | Benzene, 1-isothiocyanato-4-methyl- | 149 | C8H7NS    | 000622-59-3  | 16   |
| 3    |    | 2-Isopropenyl-3-methylpyrazine      | 134 | C8H10N2   | 145984-65-2  | 9    |
| 4    |    | Silane, diethoxydimethyl-           | 148 | C6H16O2Si | 000078-62-6  | 9    |
| 5    |    | 4-Ethylbenzoic acid, cyclohexyl ... | 232 | C15H20O2  | 1000293-32-1 | 9    |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |       |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|-------|------|
|                      |       |         |       |          | #                     | RT    | Resp  | Conc |
| Ethanol, 2-(trime... | 7.14  | 9.3     | ug/l  | 11993    | 1                     | 7.95  | 64753 | 50.0 |
| unknown11.07         | 11.07 | 9.5     | ug/l  | 6516     | 3                     | 11.63 | 34319 | 50.0 |