

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\  
 Data File : VD063090.D  
 Acq On : 15 Jul 2019 19:37  
 Operator : VA/AP  
 Sample : K3768-17  
 Misc : 5.08g/5ml/MSVOA D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP-3

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON Filtering: 5  
 Sampling : 1 Min Area: 3 % of largest Peak  
 Start Thrs: 0.2 Max Peaks: 100  
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D071519S.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         | 1.477       | 3             | 5           | 21           | rVB      | 889823         | 2098948       | 89.40%          | 11.627%       |
| 2         | 1.723       | 26            | 30          | 33           | rBV      | 12303          | 30467         | 1.30%           | 0.169%        |
| 3         | 3.801       | 236           | 241         | 247          | rBV3     | 43845          | 123936        | 5.28%           | 0.687%        |
| 4         | 3.988       | 254           | 260         | 263          | rBV3     | 13230          | 36436         | 1.55%           | 0.202%        |
| 5         | 6.163       | 474           | 481         | 489          | rBV      | 87324          | 293395        | 12.50%          | 1.625%        |
| 6         | 6.921       | 549           | 558         | 564          | rBV      | 538875         | 1555927       | 66.27%          | 8.619%        |
| 7         | 7.039       | 564           | 570         | 588          | rVB      | 663524         | 1902380       | 81.03%          | 10.538%       |
| 8         | 7.443       | 605           | 611         | 622          | rBV      | 387391         | 999320        | 42.56%          | 5.535%        |
| 9         | 8.211       | 682           | 689         | 699          | rBV      | 822005         | 2023856       | 86.20%          | 11.211%       |
| 10        | 10.406      | 906           | 912         | 920          | rBV      | 1072379        | 2347816       | 100.00%         | 13.005%       |
| 11        | 11.223      | 991           | 995         | 1002         | rBV3     | 15012          | 38636         | 1.65%           | 0.214%        |
| 12        | 12.365      | 1107          | 1111        | 1120         | rBV      | 1296576        | 2089878       | 89.01%          | 11.576%       |
| 13        | 13.556      | 1228          | 1232        | 1241         | rBV      | 1324368        | 1888973       | 80.46%          | 10.463%       |
| 14        | 13.714      | 1244          | 1248        | 1252         | rBV      | 143611         | 238698        | 10.17%          | 1.322%        |
| 15        | 14.511      | 1326          | 1329        | 1333         | rBV      | 1442260        | 2003369       | 85.33%          | 11.097%       |
| 16        | 15.112      | 1387          | 1390        | 1395         | rBV2     | 179299         | 260042        | 11.08%          | 1.440%        |
| 17        | 16.293      | 1506          | 1510        | 1515         | rVB      | 79621          | 120912        | 5.15%           | 0.670%        |

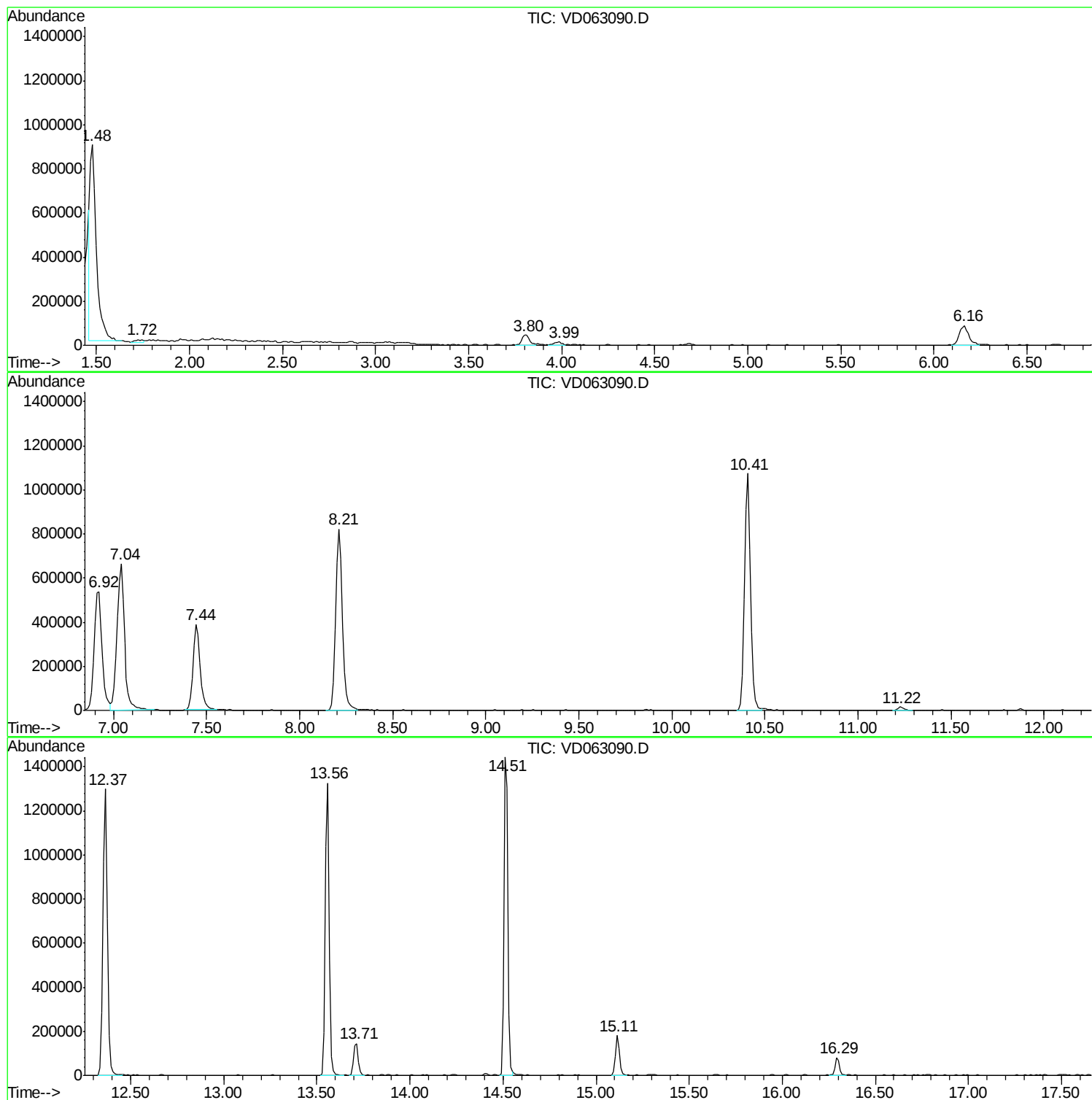
Sum of corrected areas: 18052989

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D071519S.M  
Quant Title : SW846 8260

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



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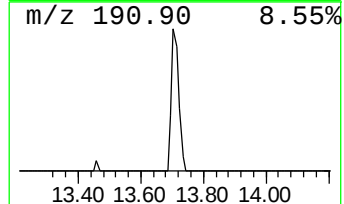
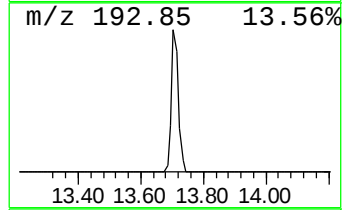
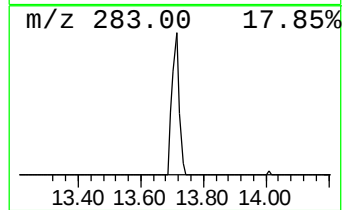
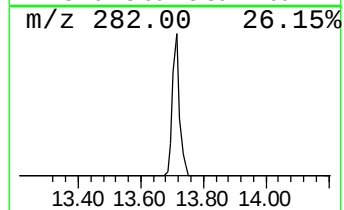
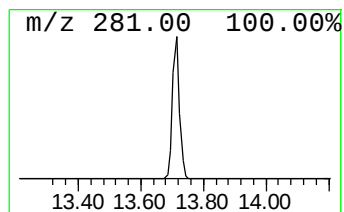
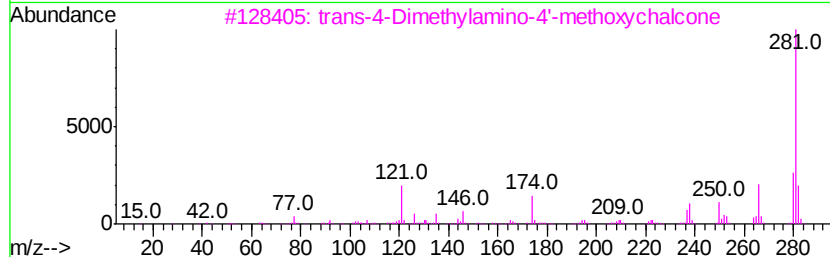
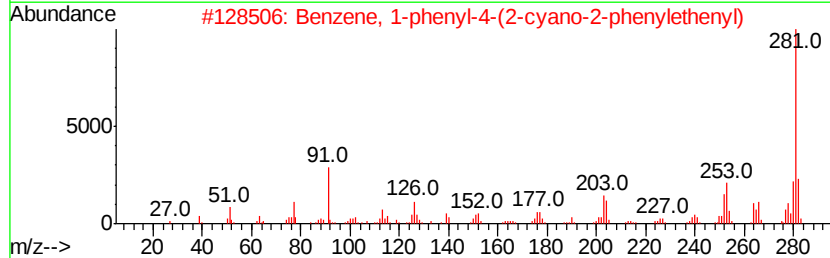
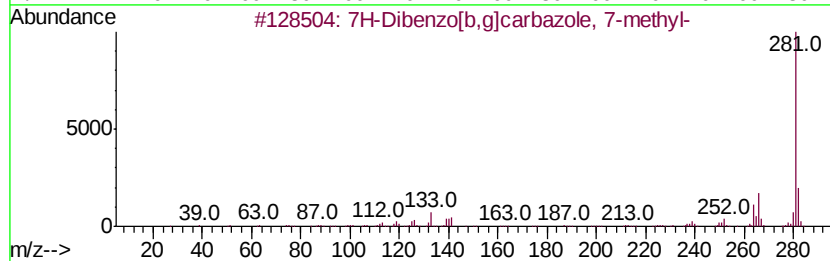
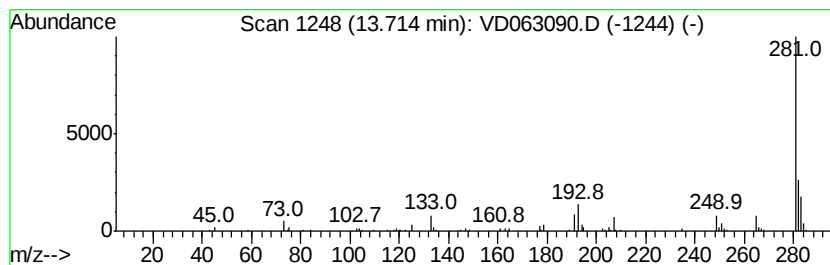
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 7H-Dibenzo[b,g]carbazole, 7... Concentration Rank 4

| R.T.  | EstConc   | Area   | Relative to ISTD       | R.T.  |
|-------|-----------|--------|------------------------|-------|
| 13.71 | 5.96 ug/l | 238698 | 1,4-Dichlorobenzene-d4 | 14.52 |

| Hit# of | 5 | Tentative ID                                   | MW  | MolForm     | CAS#         | Qual |
|---------|---|------------------------------------------------|-----|-------------|--------------|------|
| 1       |   | 7H-Dibenzo[b,g]carbazole, 7-methyl-            | 281 | C21H15N     | 003557-49-1  | 59   |
| 2       |   | Benzene, 1-phenyl-4-(2-cyano-2-phenylethenyl)- | 281 | C21H15N     | 027869-56-3  | 59   |
| 3       |   | trans-4-Dimethylamino-4'-methoxychalcone       | 281 | C18H19NO2   | 052119-37-6  | 58   |
| 4       |   | Cyclotetrasiloxane, octamethyl-                | 296 | C8H24O4Si4  | 000556-67-2  | 47   |
| 5       |   | Benzoic acid, 5-methyl-2-trimethylsilyl-       | 296 | C14H24O3Si2 | 1000153-59-4 | 45   |



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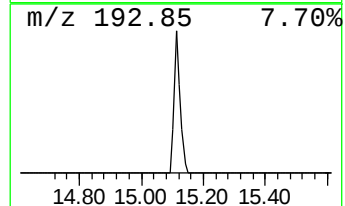
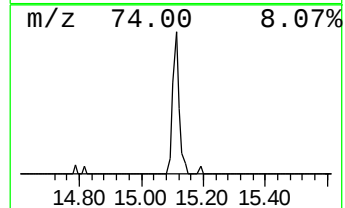
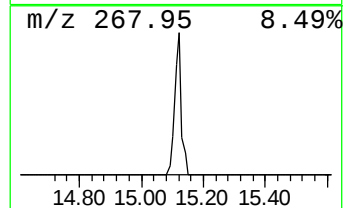
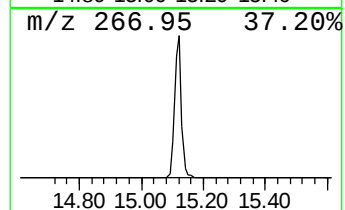
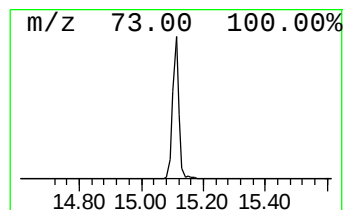
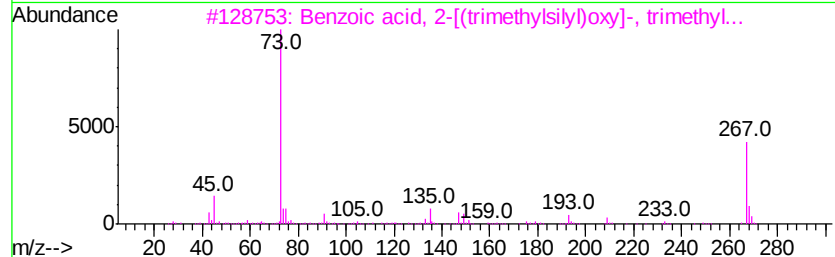
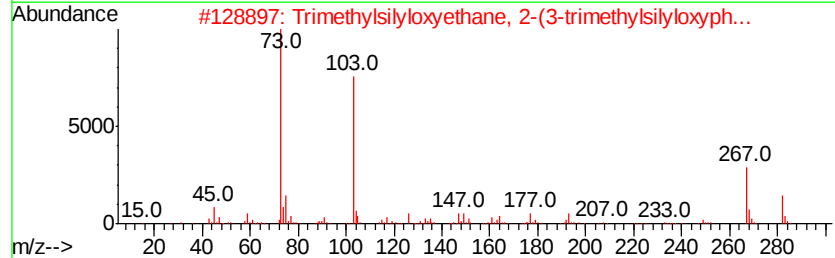
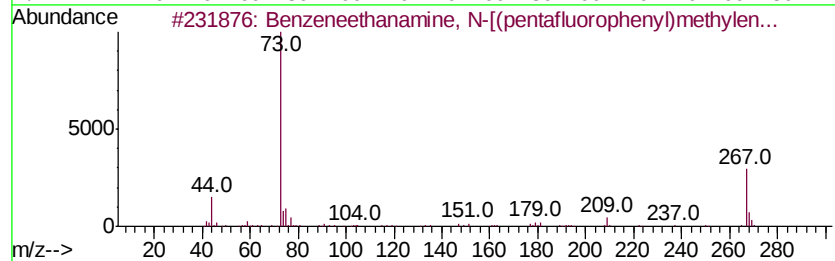
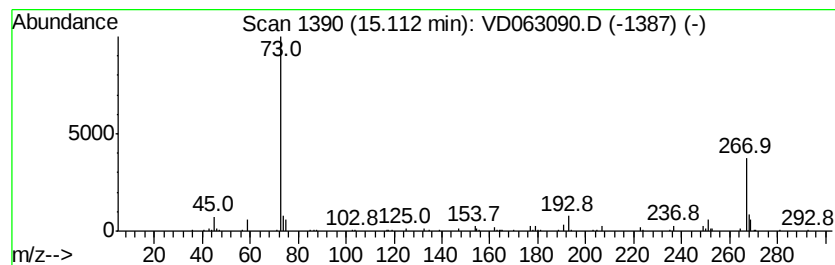
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\*\*\*\*\*  
Peak Number 4 unknown15.11 Concentration Rank 3

| R.T.      | EstConc                               | Area   | Relative to ISTD       | R.T.         |      |
|-----------|---------------------------------------|--------|------------------------|--------------|------|
| 15.11     | 6.49 ug/l                             | 260042 | 1,4-Dichlorobenzene-d4 | 14.52        |      |
| Hit# of 5 | Tentative ID                          | MW     | MolForm                | CAS#         | Qual |
| 1         | Benzeneethanamine, N-[(pentafluoro... | 475    | C21H26F5N02Si2         | 055429-85-1  | 45   |
| 2         | Trimethylsilyloxvethane, 2-(3-tr...   | 282    | C14H26O2Si2            | 1000365-49-0 | 45   |
| 3         | Benzoic acid, 2-[(trimethylsilyl...   | 282    | C13H22O3Si2            | 003789-85-3  | 38   |
| 4         | 11H-Dibenzo[b,e][1,4]diazepin-11...   | 267    | C16H17N3O              | 013450-73-2  | 27   |
| 5         | 1-(3-Chlorophenyl)piperazine, 4-...   | 268    | C13H21ClN2Si           | 1000373-99-3 | 10   |



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| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| 7H-Dibenzo[b,g]ca... | 13.71 | 6.0     | ug/l  | 238698   | 4                     | 14.52 | 2003370 | 50.0 |
| unknown15.11         | 15.11 | 6.5     | ug/l  | 260042   | 4                     | 14.52 | 2003370 | 50.0 |