

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082120\  
 Data File : VW016289.D  
 Acq On : 21 Aug 2020 03:43  
 Operator : SY/VA  
 Sample : L3720-02  
 Misc : 5.20G/5ML/MSVOA W/SOIL  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 MP-081920-B10-0-2-GRAB

## 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\_W\METHOD\82W081420S.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         | 4.916       | 479           | 494         | 517          | rBV      | 44216          | 151304        | 7.08%           | 1.730%        |
| 2         | 5.940       | 647           | 662         | 685          | rBV      | 717947         | 2138368       | 100.00%         | 24.454%       |
| 3         | 6.982       | 825           | 833         | 843          | rBV2     | 7749           | 21599         | 1.01%           | 0.247%        |
| 4         | 7.885       | 970           | 981         | 986          | rBV2     | 165295         | 396987        | 18.56%          | 4.540%        |
| 5         | 7.952       | 986           | 992         | 1004         | rVB      | 300912         | 663688        | 31.04%          | 7.590%        |
| 6         | 8.305       | 1041          | 1050        | 1063         | rBV      | 146045         | 319581        | 14.95%          | 3.655%        |
| 7         | 8.842       | 1129          | 1138        | 1151         | rBV      | 456596         | 905862        | 42.36%          | 10.359%       |
| 8         | 10.323      | 1372          | 1381        | 1394         | rBV      | 692335         | 1233388       | 57.68%          | 14.105%       |
| 9         | 11.634      | 1588          | 1596        | 1608         | rBV      | 598454         | 992287        | 46.40%          | 11.348%       |
| 10        | 12.622      | 1750          | 1758        | 1766         | rBV      | 438633         | 720316        | 33.69%          | 8.237%        |
| 11        | 13.560      | 1905          | 1912        | 1921         | rBV      | 507623         | 811113        | 37.93%          | 9.276%        |
| 12        | 14.072      | 1985          | 1996        | 2008         | rVB2     | 54194          | 95321         | 4.46%           | 1.090%        |
| 13        | 15.206      | 2174          | 2182        | 2187         | rBV2     | 43470          | 71006         | 3.32%           | 0.812%        |
| 14        | 15.499      | 2222          | 2230        | 2240         | rBV      | 126876         | 223615        | 10.46%          | 2.557%        |

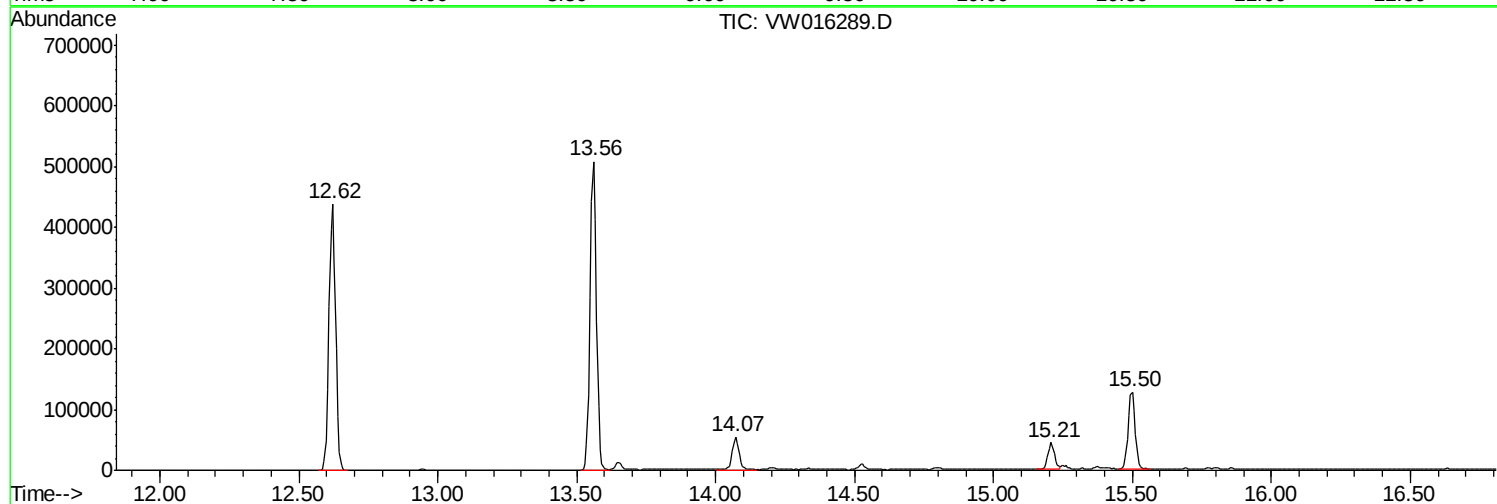
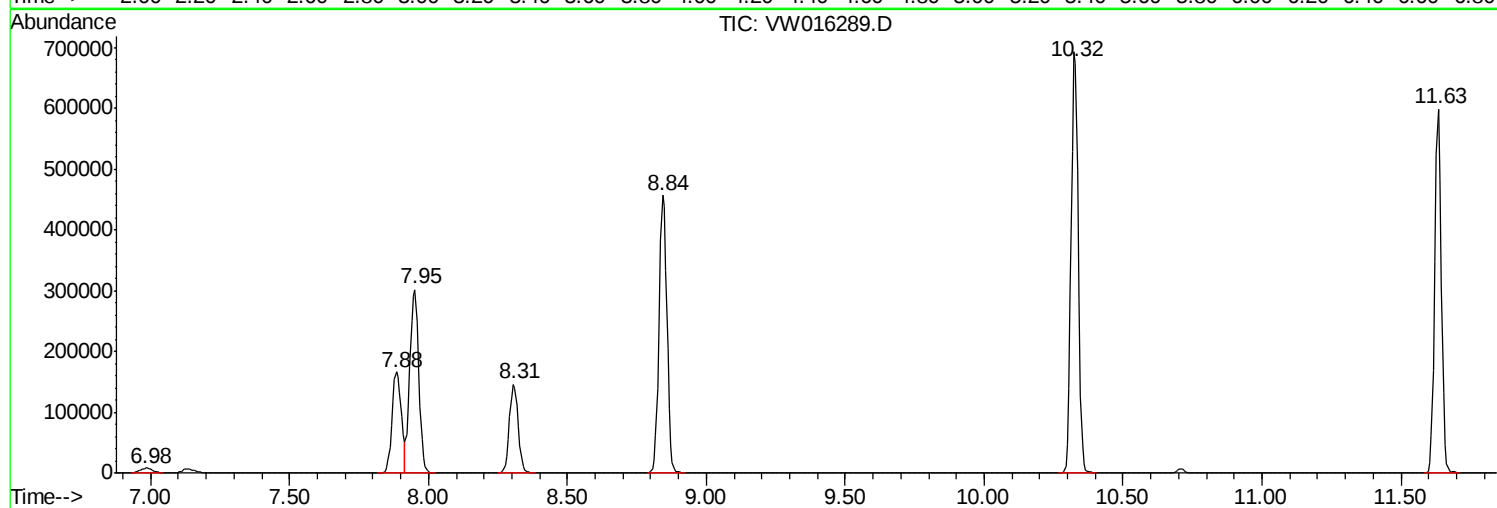
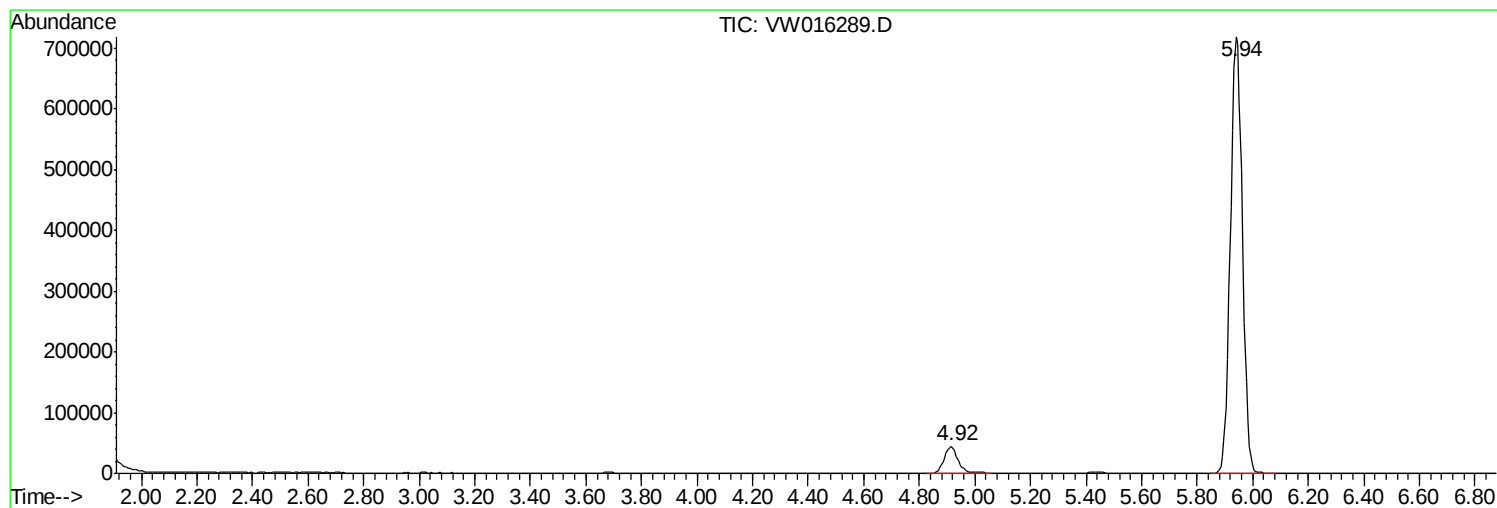
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
Quant Title : SW846 8260

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



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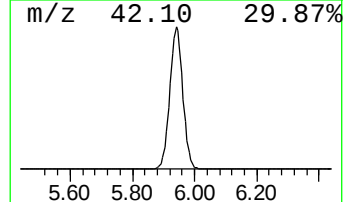
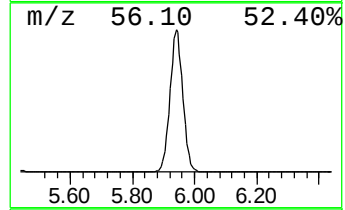
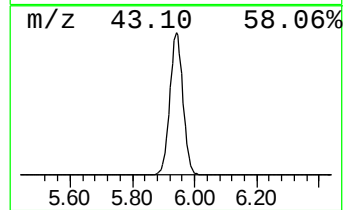
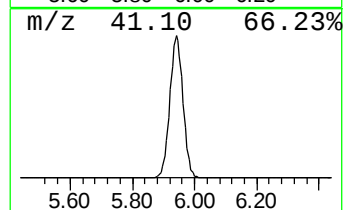
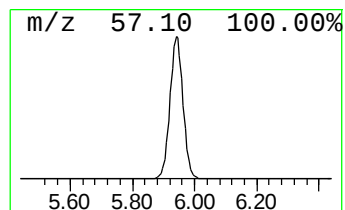
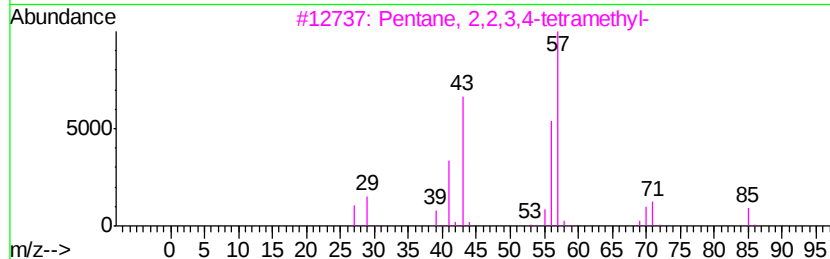
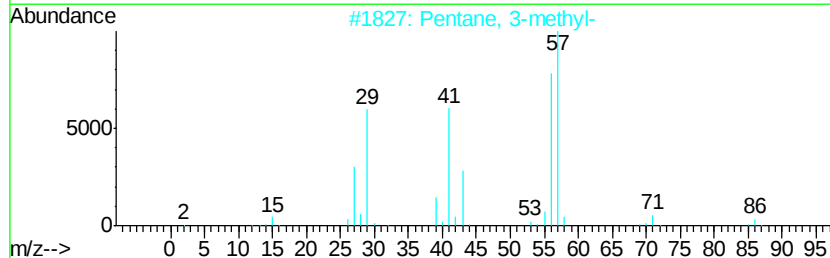
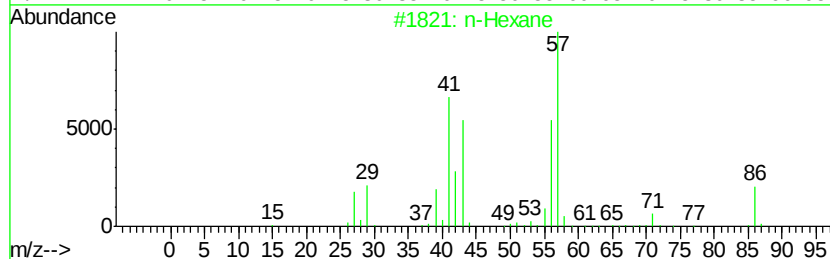
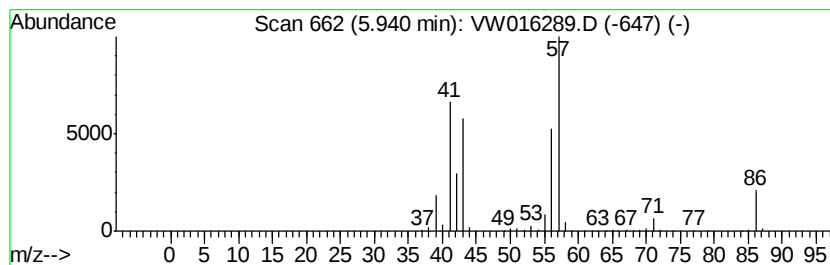
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W081420S.M  
Quant Title : SW846 8260

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

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Peak Number 1 n-Hexane Concentration Rank 1

| R.T. | EstConc     | Area    | Relative to ISTD   | R.T. |
|------|-------------|---------|--------------------|------|
| 5.94 | 161.10 ug/l | 2138370 | Pentafluorobenzene | 7.95 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | n-Hexane                      | 86  | C6H14   | 000110-54-3 | 94   |
| 2    |    |   | Pentane, 3-methyl-            | 86  | C6H14   | 000096-14-0 | 42   |
| 3    |    |   | Pentane, 2,2,3,4-tetramethyl- | 128 | C9H20   | 001186-53-4 | 40   |
| 4    |    |   | Morpholine                    | 87  | C4H9NO  | 000110-91-8 | 38   |
| 5    |    |   | Propanal, 2,2-dimethyl-       | 86  | C5H10O  | 000630-19-3 | 38   |



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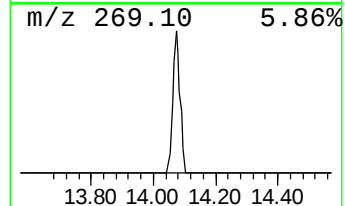
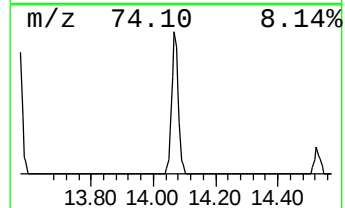
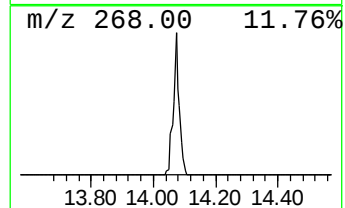
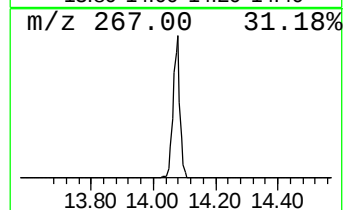
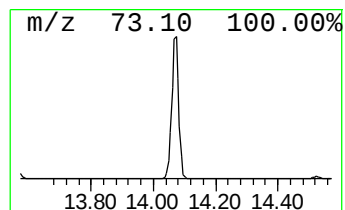
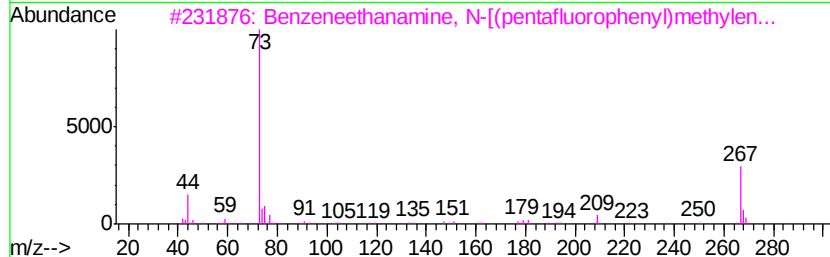
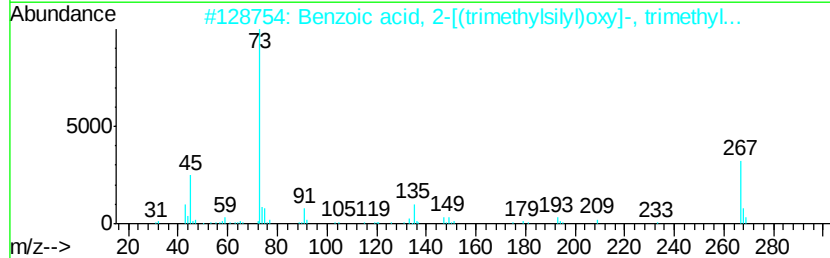
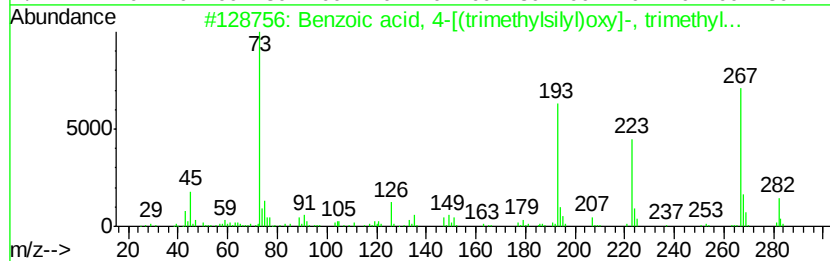
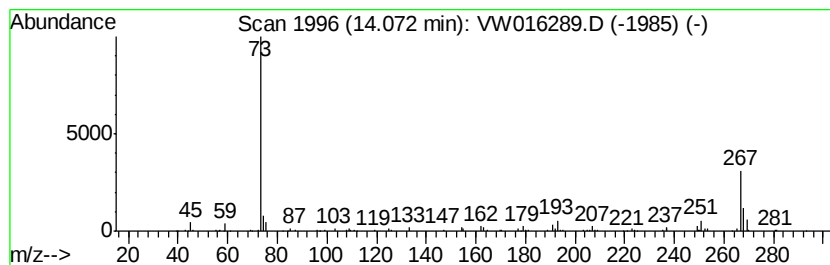
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Peak Number 2 Benzoic acid, 4-[(trimethyl... Concentration Rank 3

| R.T.    | EstConc                                              | Area         | Relative to ISTD       | R.T.        |      |      |
|---------|------------------------------------------------------|--------------|------------------------|-------------|------|------|
| 14.07   | 5.88 ug/l                                            | 95321        | 1,4-Dichlorobenzene-d4 | 13.56       |      |      |
| Hit# of | 5                                                    | Tentative ID | MW                     | MolForm     | CAS# | Qual |
| 1       | Benzoic acid, 4-[(trimethylsilyl)oxy]-, trimethyl... | 282          | C13H22O3Si2            | 002078-13-9 | 64   |      |
| 2       | Benzoic acid, 2-[(trimethylsilyl)oxy]-, trimethyl... | 282          | C13H22O3Si2            | 003789-85-3 | 50   |      |
| 3       | Benzeneethanamine, N-[(pentafluorophenyl)methyl]...  | 475          | C21H26F5N02Si2         | 055429-85-1 | 45   |      |
| 4       | Tetrasiloxane, 1,1,3,3,5,5,7,7-octamethyl-           | 282          | C8H26O3Si4             | 001000-05-1 | 39   |      |
| 5       | 11H-Dibenzo[b,e][1,4]diazepin-11-yl                  | 267          | C16H17N3O              | 013450-73-2 | 27   |      |



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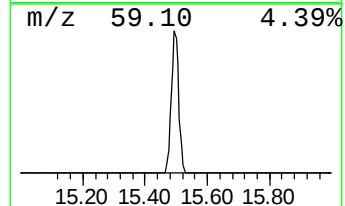
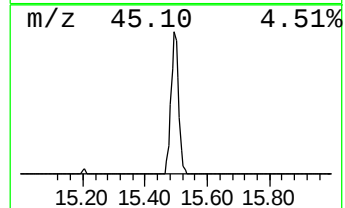
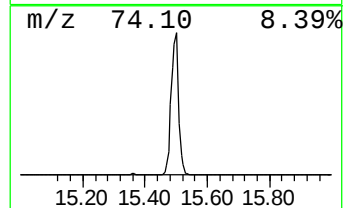
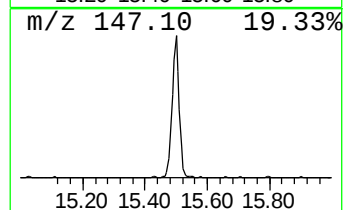
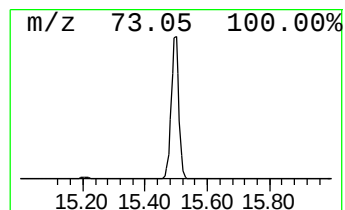
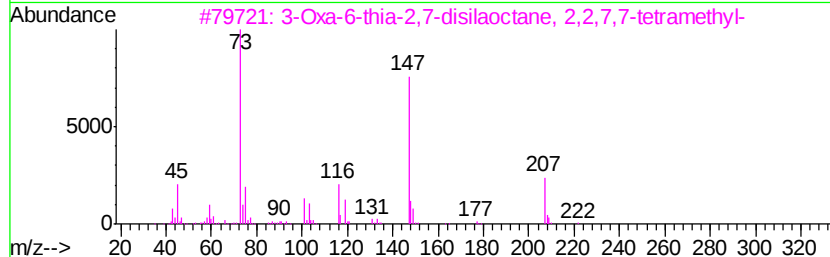
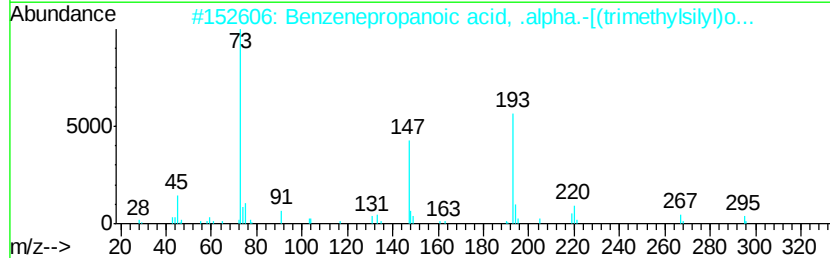
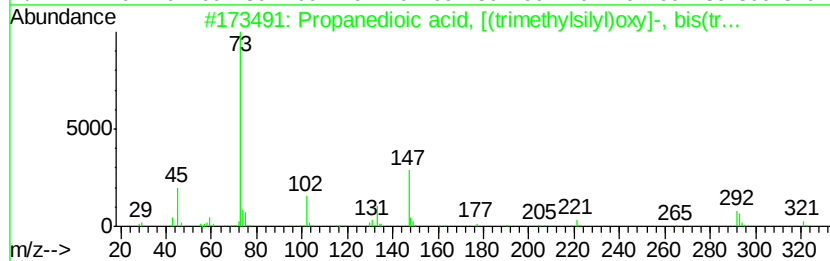
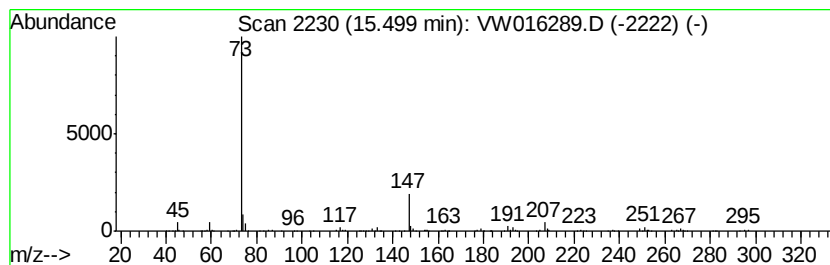
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Peak Number 3 unknown15.50 Concentration Rank 2

| R.T.    | EstConc    | Area                                                              | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------------------------------------|------------------------|----------------|
| 15.50   | 13.78 ug/l | 223615                                                            | 1,4-Dichlorobenzene-d4 | 13.56          |
| Hit# of | 5          | Tentative ID                                                      | MW MolForm             | CAS# Qual      |
| 1       |            | Propanedioic acid, [(trimethylsilyl)oxy]-, bis(tri...             | 336 C12H28O5Si3        | 038165-93-4 42 |
| 2       |            | Benzenepropanoic acid, .alpha.-[(trimethylsilyl)oxy]-, bis(tri... | 310 C15H26O3Si2        | 027750-45-4 42 |
| 3       |            | 3-Oxa-6-thia-2,7-disilaooctane, 2,2,7,7-tetramethyl-              | 222 C8H22O2Si2         | 078921-31-0 38 |
| 4       |            | Acetic acid, bis[(trimethylsilyl)oxy]-, bis(tri...                | 308 C11H28O4Si3        | 055517-38-9 36 |
| 5       |            | Ethanedioic acid, bis[(trimethylsilyl)oxy]-, bis(tri...           | 234 C8H18O4Si2         | 018294-04-7 36 |



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| TIC Top Hit name      | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|-----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                       |       |         |       |          | #                     | RT    | Resp   | Conc |
| n-Hexane              | 5.94  | 161.1   | ug/l  | 2138370  | 1                     | 7.95  | 663688 | 50.0 |
| Benzoic acid, 4-[...] | 14.07 | 5.9     | ug/l  | 95321    | 4                     | 13.56 | 811113 | 50.0 |
| unknown15.50          | 15.50 | 13.8    | ug/l  | 223615   | 4                     | 13.56 | 811113 | 50.0 |