

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040422\  
 Data File : VX027953.D  
 Acq On : 04 Apr 2022 12:59  
 Operator : JC/MD  
 Sample : N2249-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6S

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 1 % 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\_X\Method\82X032922W.M  
 Title : SW846 8260

Signal : TIC: VX027953.D\data.ms

| 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         | 1.246       | 21            | 26          | 27           | rBV      | 5154           | 6097          | 1.36%           | 0.209%        |
| 2         | 1.264       | 27            | 29          | 36           | rVB      | 11617          | 14510         | 3.25%           | 0.496%        |
| 3         | 1.374       | 43            | 47          | 51           | rBV      | 21038          | 21484         | 4.81%           | 0.735%        |
| 4         | 1.752       | 104           | 109         | 119          | rVB      | 19853          | 27832         | 6.23%           | 0.952%        |
| 5         | 2.136       | 167           | 172         | 179          | rVB5     | 3705           | 7392          | 1.65%           | 0.253%        |
| 6         | 2.337       | 200           | 205         | 216          | rVB      | 8084           | 16804         | 3.76%           | 0.575%        |
| 7         | 2.782       | 269           | 278         | 288          | rBV      | 27856          | 65250         | 14.60%          | 2.232%        |
| 8         | 2.867       | 288           | 292         | 302          | rVB3     | 6369           | 14130         | 3.16%           | 0.483%        |
| 9         | 3.105       | 323           | 331         | 341          | rBV2     | 19816          | 43342         | 9.70%           | 1.483%        |
| 10        | 3.843       | 445           | 452         | 462          | rVB4     | 2434           | 5692          | 1.27%           | 0.195%        |
| 11        | 4.215       | 504           | 513         | 522          | rVB4     | 4361           | 12652         | 2.83%           | 0.433%        |
| 12        | 4.306       | 522           | 528         | 536          | rVB2     | 2303           | 5099          | 1.14%           | 0.174%        |
| 13        | 4.428       | 539           | 548         | 557          | rBV7     | 2710           | 8292          | 1.86%           | 0.284%        |
| 14        | 5.391       | 695           | 706         | 717          | rBV      | 55419          | 163439        | 36.57%          | 5.591%        |
| 15        | 5.556       | 723           | 733         | 743          | rBV2     | 101308         | 292871        | 65.53%          | 10.018%       |
| 16        | 5.958       | 788           | 799         | 809          | rBV      | 65883          | 169627        | 37.95%          | 5.802%        |
| 17        | 6.166       | 825           | 833         | 837          | rVV5     | 2880           | 7949          | 1.78%           | 0.272%        |
| 18        | 6.251       | 837           | 847         | 860          | rVV2     | 20384          | 62185         | 13.91%          | 2.127%        |
| 19        | 6.763       | 920           | 931         | 942          | rBV      | 151805         | 357126        | 79.91%          | 12.216%       |
| 20        | 7.988       | 1124          | 1132        | 1140         | rVV      | 8428           | 16578         | 3.71%           | 0.567%        |
| 21        | 8.110       | 1144          | 1152        | 1163         | rVB2     | 9967           | 19602         | 4.39%           | 0.671%        |
| 22        | 8.653       | 1234          | 1241        | 1249         | rBV      | 287021         | 446936        | 100.00%         | 15.288%       |
| 23        | 10.055      | 1466          | 1471        | 1486         | rVB      | 293470         | 393713        | 88.09%          | 13.468%       |
| 24        | 10.305      | 1506          | 1512        | 1520         | rVB      | 8539           | 12086         | 2.70%           | 0.413%        |
| 25        | 11.085      | 1634          | 1640        | 1652         | rVB      | 251097         | 329498        | 73.72%          | 11.271%       |
| 26        | 12.024      | 1789          | 1794        | 1802         | rBV      | 283166         | 341089        | 76.32%          | 11.667%       |
| 27        | 12.244      | 1823          | 1830        | 1836         | rVB2     | 35901          | 45373         | 10.15%          | 1.552%        |
| 28        | 12.701      | 1900          | 1905        | 1910         | rBV      | 13471          | 16776         | 3.75%           | 0.574%        |

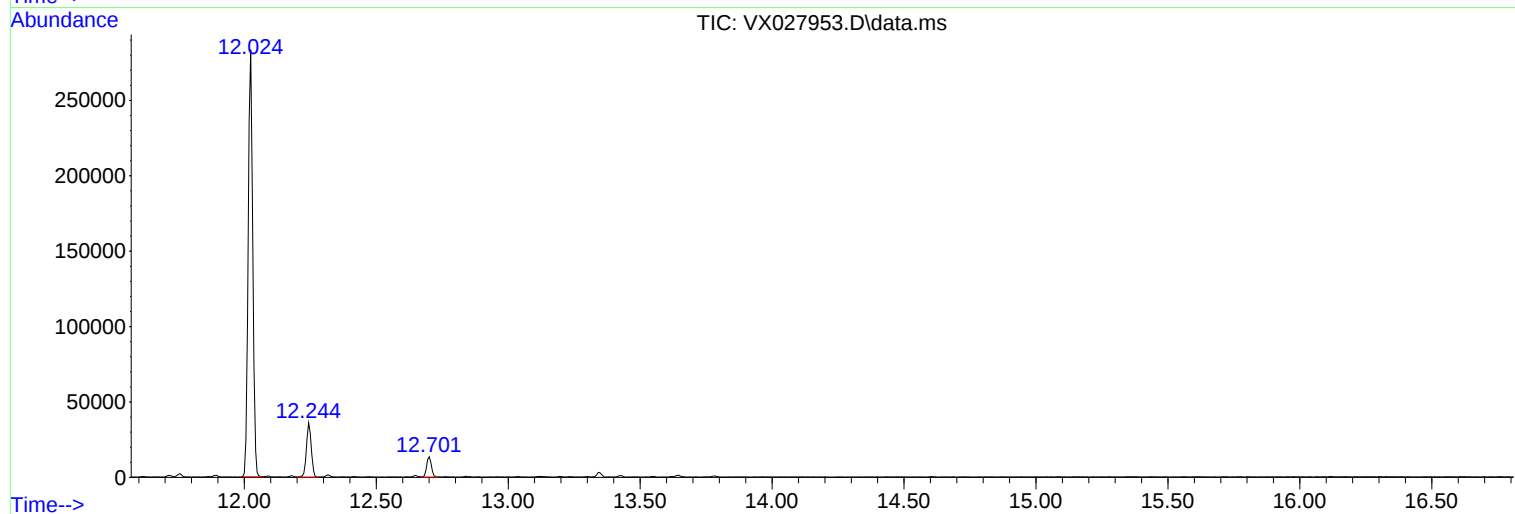
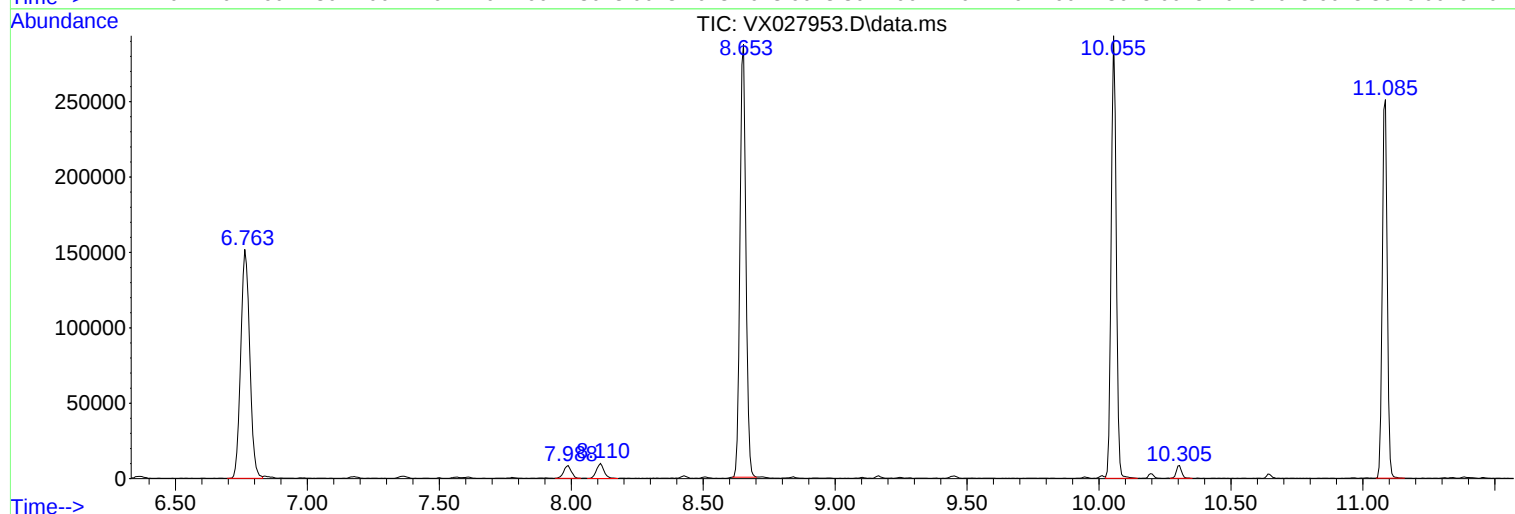
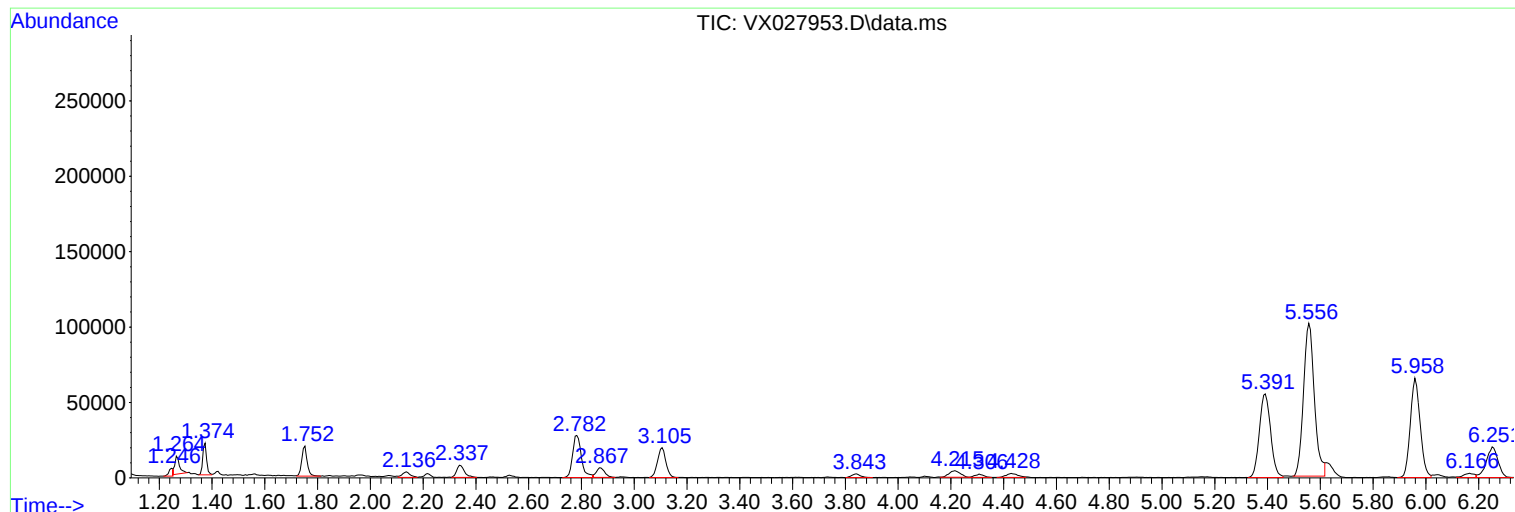
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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P



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Quant Title : SW846 8260

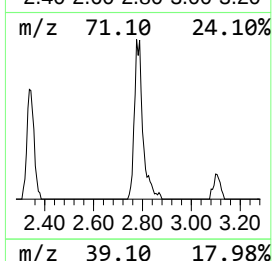
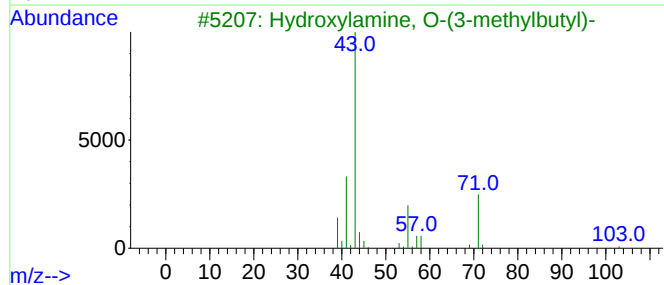
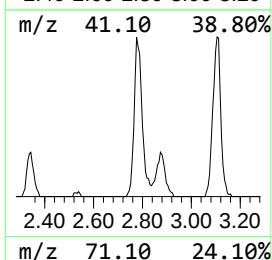
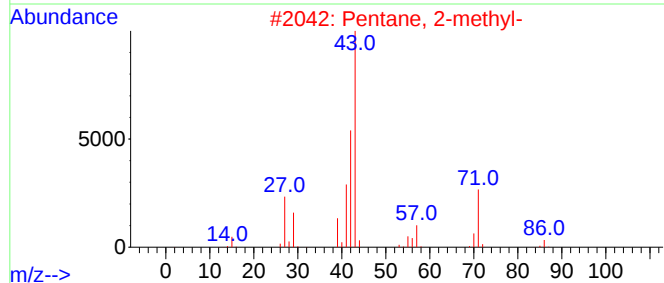
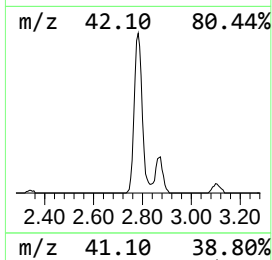
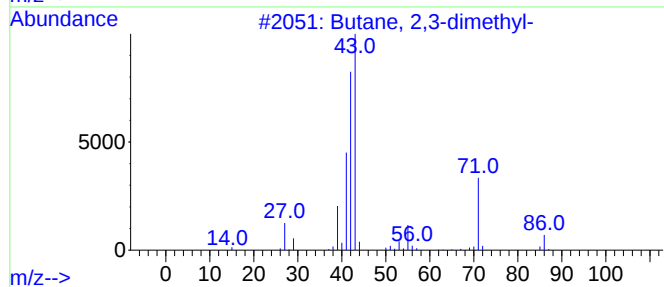
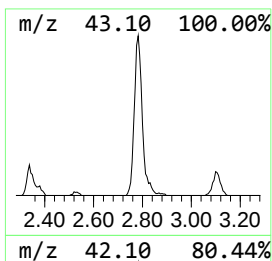
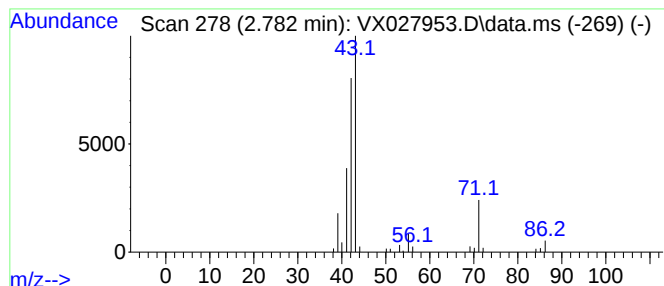
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 1

| R.T.  | EstConc    | Area  | Relative to ISTD   | R.T.  |
|-------|------------|-------|--------------------|-------|
| 2.782 | 11.14 ug/l | 65250 | Pentafluorobenzene | 5.562 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Butane, 2,3-dimethyl-             | 86  | C6H14   | 000079-29-8 | 91   |
| 2    |    |   | Pentane, 2-methyl-                | 86  | C6H14   | 000107-83-5 | 50   |
| 3    |    |   | Hydroxylamine, O-(3-methylbutyl)- | 103 | C5H13NO | 019411-65-5 | 16   |
| 4    |    |   | Propanoyl chloride, 2-methyl-     | 106 | C4H7ClO | 000079-30-1 | 12   |
| 5    |    |   | Furan, tetrahydro-2-methyl-       | 86  | C5H10O  | 000096-47-9 | 10   |



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Sample : N2249-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6S

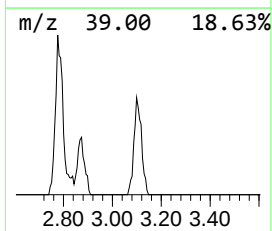
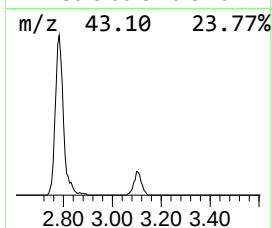
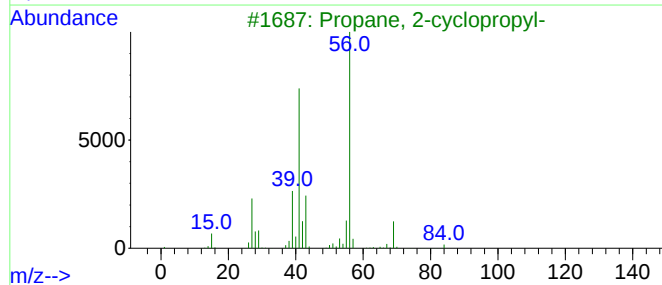
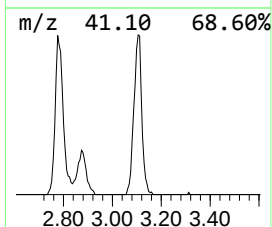
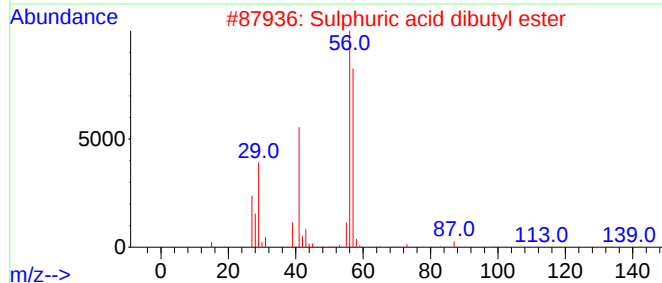
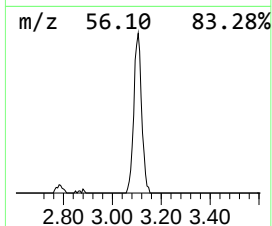
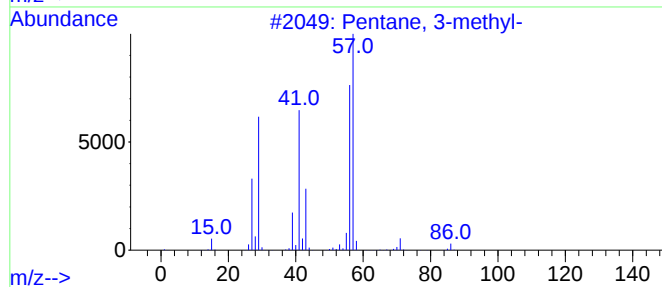
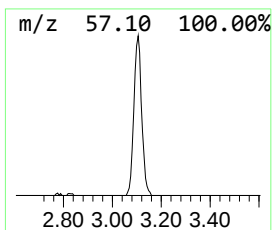
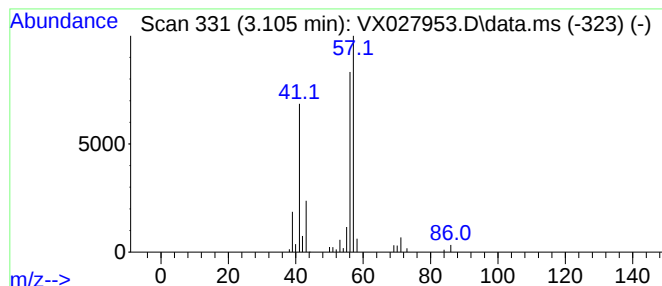
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST0.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Pentane, 3-methyl- Concentration Rank 3

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 3.105 | 7.40 ug/l | 43342 | Pentafluorobenzene | 5.562 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------|-----|----------|--------------|------|
| 1    |    |   | Pentane, 3-methyl-           | 86  | C6H14    | 000096-14-0  | 91   |
| 2    |    |   | Sulphuric acid dibutyl ester | 210 | C8H18O4S | 000625-22-9  | 64   |
| 3    |    |   | Propane, 2-cyclopropyl-      | 84  | C6H12    | 003638-35-5  | 59   |
| 4    |    |   | Decane, 2,2,3-trimethyl-     | 184 | C13H28   | 062338-09-4  | 50   |
| 5    |    |   | 2-Ethyl-oxetane              | 86  | C5H10O   | 1010386-40-2 | 47   |



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Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6S

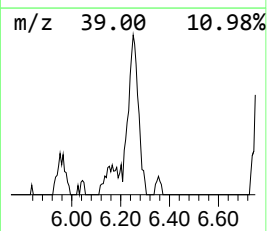
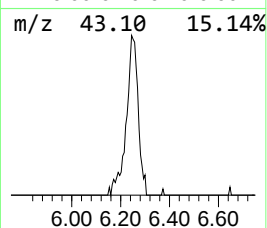
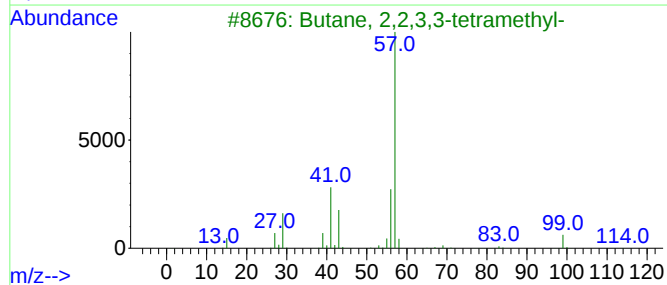
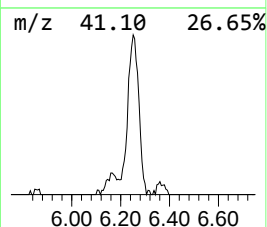
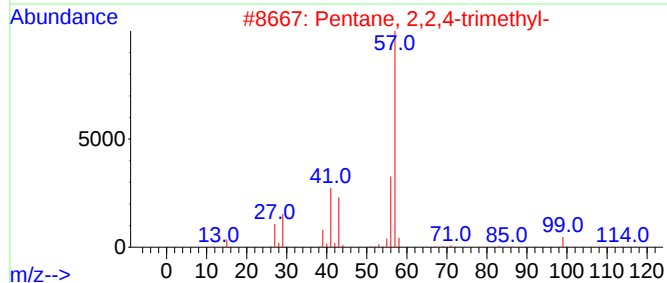
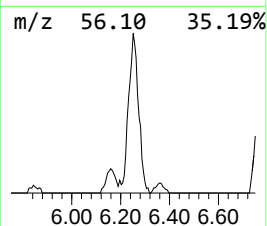
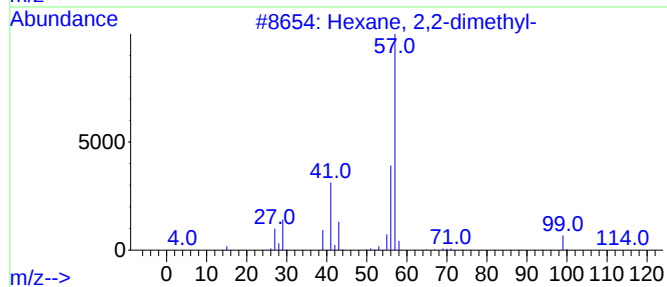
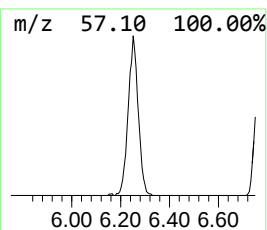
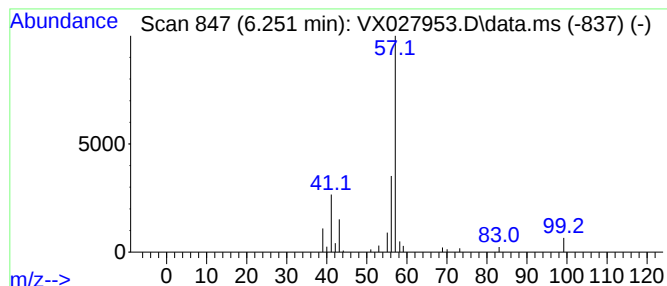
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Hexane, 2,2-dimethyl- Concentration Rank 2

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 6.251 | 8.71 ug/l | 62185 | 1,4-Difluorobenzene | 6.763 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 2,2-dimethyl-               | 114 | C8H18   | 000590-73-8 | 64   |
| 2    |    |   | Pentane, 2,2,4-trimethyl-           | 114 | C8H18   | 000540-84-1 | 50   |
| 3    |    |   | Butane, 2,2,3,3-tetramethyl-        | 114 | C8H18   | 000594-82-1 | 50   |
| 4    |    |   | Carbonic acid, bis(2-methylpropy... | 174 | C9H18O3 | 000539-92-4 | 45   |
| 5    |    |   | Pentane, 2,2,4,4-tetramethyl-       | 128 | C9H20   | 001070-87-7 | 45   |



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ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
Quant Title : SW846 8260

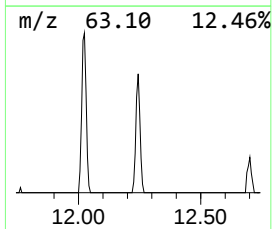
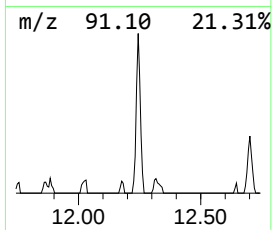
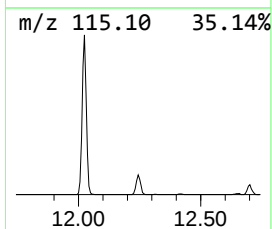
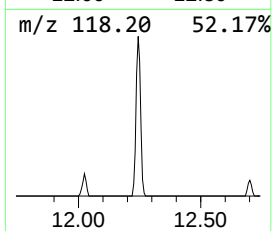
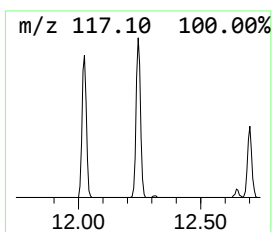
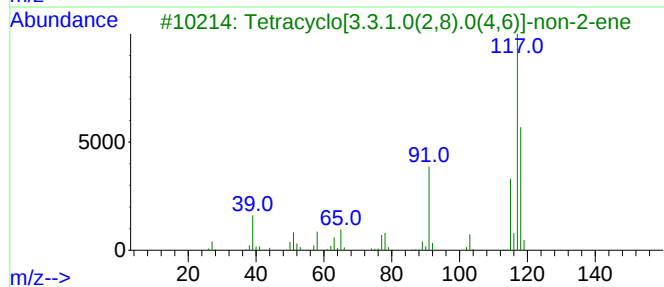
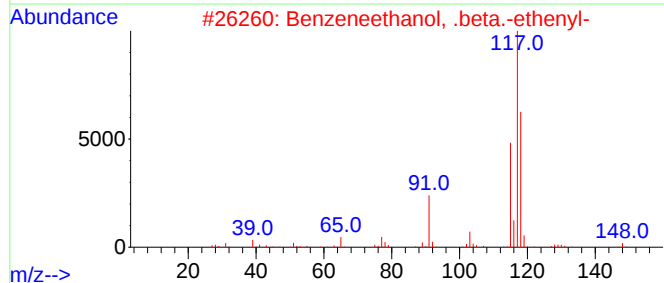
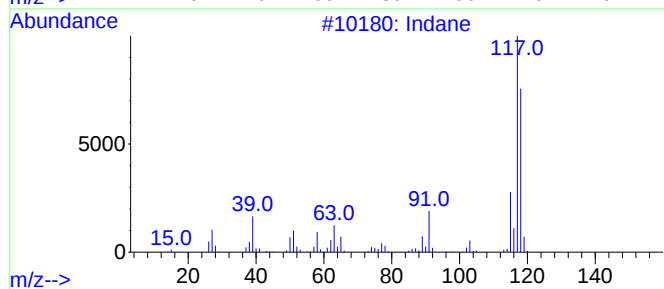
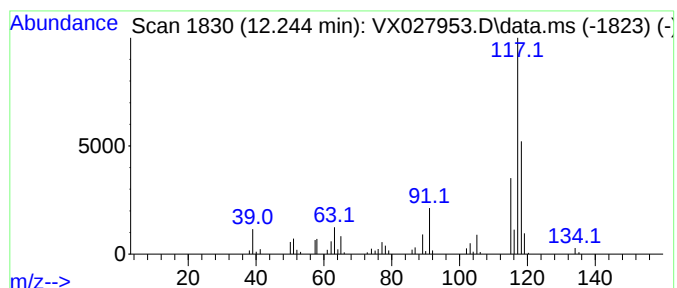
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Indane Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.244 | 6.65 ug/l | 45373 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|------|-------------------------------------|-----|---------|--------------|------|
| 1    |      | Indane                              | 118 | C9H10   | 000496-11-7  | 93   |
| 2    |      | Benzeneethanol, .beta.-ethenyl-     | 148 | C10H12O | 006052-63-7  | 72   |
| 3    |      | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 68   |
| 4    |      | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 64   |
| 5    |      | Benzene, (2-bromocyclopropyl)-      | 196 | C9H9Br  | 036617-02-4  | 59   |



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Instrument :  
MSVOA\_X  
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MW-6S

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Butane, 2,3-dim... | 2.782  | 11.1    | ug/l  | 65250    | 1                     | 5.562  | 292871 | 50.0 |
| Pentane, 3-methyl- | 3.105  | 7.4     | ug/l  | 43342    | 1                     | 5.562  | 292871 | 50.0 |
| Hexane, 2,2-dim... | 6.251  | 8.7     | ug/l  | 62185    | 2                     | 6.763  | 357126 | 50.0 |
| Indane             | 12.244 | 6.7     | ug/l  | 45373    | 4                     | 12.024 | 341089 | 50.0 |