

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082525\  
 Data File : VN087658.D  
 Acq On : 25 Aug 2025 15:22  
 Operator : JC\MD  
 Sample : Q2920-01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 MW1

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\_N\methods\82N082125W.M  
 Title : SW846 8260

Signal : TIC: VN087658.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         | 2.689       | 117           | 125         | 131          | rBV2     | 10034          | 20778         | 1.30%           | 0.187%        |
| 2         | 3.265       | 217           | 223         | 232          | rVB2     | 18087          | 38966         | 2.43%           | 0.352%        |
| 3         | 4.418       | 411           | 419         | 421          | rBV4     | 11601          | 24775         | 1.54%           | 0.224%        |
| 4         | 5.259       | 551           | 562         | 569          | rBV3     | 23582          | 82455         | 5.14%           | 0.744%        |
| 5         | 5.800       | 641           | 654         | 667          | rBV3     | 30212          | 106216        | 6.62%           | 0.958%        |
| 6         | 7.059       | 859           | 868         | 874          | rBV7     | 8182           | 23987         | 1.50%           | 0.216%        |
| 7         | 7.206       | 884           | 893         | 901          | rBV4     | 25528          | 74912         | 4.67%           | 0.676%        |
| 8         | 7.312       | 904           | 911         | 921          | rVB6     | 13153          | 38724         | 2.41%           | 0.349%        |
| 9         | 7.477       | 929           | 939         | 944          | rBV5     | 10115          | 23645         | 1.47%           | 0.213%        |
| 10        | 7.988       | 1014          | 1026        | 1037         | rVB4     | 12781          | 37591         | 2.34%           | 0.339%        |
| 11        | 8.153       | 1044          | 1054        | 1058         | rBV      | 211071         | 495050        | 30.86%          | 4.467%        |
| 12        | 8.206       | 1058          | 1063        | 1074         | rVV      | 267736         | 654720        | 40.82%          | 5.908%        |
| 13        | 8.312       | 1074          | 1081        | 1090         | rVB      | 77836          | 188948        | 11.78%          | 1.705%        |
| 14        | 8.488       | 1105          | 1111        | 1117         | rVV6     | 21314          | 54179         | 3.38%           | 0.489%        |
| 15        | 8.565       | 1117          | 1124        | 1136         | rVV      | 242611         | 560268        | 34.93%          | 5.056%        |
| 16        | 8.694       | 1136          | 1146        | 1148         | rVV5     | 29959          | 71851         | 4.48%           | 0.648%        |
| 17        | 8.741       | 1148          | 1154        | 1165         | rVV2     | 66990          | 207937        | 12.96%          | 1.876%        |
| 18        | 8.835       | 1165          | 1170        | 1180         | rVB4     | 29557          | 65288         | 4.07%           | 0.589%        |
| 19        | 8.953       | 1180          | 1190        | 1197         | rBV4     | 8743           | 21667         | 1.35%           | 0.196%        |
| 20        | 9.082       | 1203          | 1212        | 1223         | rBV      | 507469         | 1055756       | 65.82%          | 9.527%        |
| 21        | 9.541       | 1281          | 1290        | 1300         | rBV7     | 59851          | 197017        | 12.28%          | 1.778%        |
| 22        | 9.624       | 1300          | 1304        | 1312         | rVV3     | 34444          | 67454         | 4.21%           | 0.609%        |
| 23        | 9.706       | 1312          | 1318        | 1325         | rVB4     | 8025           | 16697         | 1.04%           | 0.151%        |
| 24        | 9.847       | 1329          | 1342        | 1349         | rBV4     | 49862          | 127165        | 7.93%           | 1.148%        |
| 25        | 9.994       | 1359          | 1367        | 1375         | rVB2     | 74699          | 155134        | 9.67%           | 1.400%        |
| 26        | 10.129      | 1381          | 1390        | 1396         | rBV2     | 80063          | 178679        | 11.14%          | 1.612%        |
| 27        | 10.312      | 1412          | 1421        | 1428         | rBV3     | 35376          | 81371         | 5.07%           | 0.734%        |
| 28        | 10.471      | 1442          | 1448        | 1453         | rVB3     | 22507          | 39274         | 2.45%           | 0.354%        |
| 29        | 10.547      | 1453          | 1461        | 1469         | rBV      | 853268         | 1603971       | 100.00%         | 14.474%       |
| 30        | 10.723      | 1485          | 1491        | 1499         | rVB4     | 40117          | 93786         | 5.85%           | 0.846%        |
| 31        | 10.835      | 1499          | 1510        | 1513         | rBV4     | 10927          | 28646         | 1.79%           | 0.259%        |
| 32        | 10.894      | 1514          | 1520        | 1526         | rVB2     | 62654          | 114388        | 7.13%           | 1.032%        |
| 33        | 10.982      | 1529          | 1535        | 1541         | rBV3     | 56427          | 114418        | 7.13%           | 1.033%        |
| 34        | 11.371      | 1590          | 1601        | 1606         | rBV7     | 26536          | 56486         | 3.52%           | 0.510%        |
| 35        | 11.447      | 1606          | 1614        | 1620         | rBV4     | 21248          | 49048         | 3.06%           | 0.443%        |
| 36        | 11.506      | 1620          | 1624        | 1629         | rVB5     | 10572          | 17473         | 1.09%           | 0.158%        |

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 ALS Vial : 13 Sample Multiplier: 1

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Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

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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\_N\methods\82N082125W.M  
 Title : SW846 8260

|    |        |      |      |      |       |        |         |        |         |
|----|--------|------|------|------|-------|--------|---------|--------|---------|
| 37 | 11.653 | 1644 | 1649 | 1660 | rVB5  | 20856  | 45829   | 2.86%  | 0.414%  |
| 38 | 11.847 | 1674 | 1682 | 1693 | rBV   | 730029 | 1318109 | 82.18% | 11.895% |
| 39 | 11.947 | 1693 | 1699 | 1703 | rVV3  | 22925  | 50313   | 3.14%  | 0.454%  |
| 40 | 11.982 | 1703 | 1705 | 1710 | rVV5  | 12317  | 16565   | 1.03%  | 0.149%  |
| 41 | 12.041 | 1710 | 1715 | 1718 | rVV6  | 13231  | 25783   | 1.61%  | 0.233%  |
| 42 | 12.100 | 1721 | 1725 | 1736 | rVB10 | 16907  | 51630   | 3.22%  | 0.466%  |
| 43 | 12.259 | 1746 | 1752 | 1758 | rVB5  | 10038  | 19549   | 1.22%  | 0.176%  |
| 44 | 12.347 | 1760 | 1767 | 1768 | rBV3  | 15368  | 23398   | 1.46%  | 0.211%  |
| 45 | 12.559 | 1797 | 1803 | 1809 | rVB5  | 25319  | 49580   | 3.09%  | 0.447%  |
| 46 | 12.676 | 1818 | 1823 | 1829 | rVB2  | 37972  | 66422   | 4.14%  | 0.599%  |
| 47 | 12.829 | 1842 | 1849 | 1859 | rBV   | 546508 | 969721  | 60.46% | 8.751%  |
| 48 | 12.912 | 1859 | 1863 | 1869 | rVB7  | 12355  | 22462   | 1.40%  | 0.203%  |
| 49 | 13.012 | 1872 | 1880 | 1886 | rBV   | 54598  | 103117  | 6.43%  | 0.931%  |
| 50 | 13.394 | 1941 | 1945 | 1951 | rBV7  | 8344   | 16696   | 1.04%  | 0.151%  |
| 51 | 13.582 | 1971 | 1977 | 1983 | rVB4  | 25603  | 57891   | 3.61%  | 0.522%  |
| 52 | 13.770 | 2002 | 2009 | 2023 | rBV   | 716351 | 1264586 | 78.84% | 11.412% |
| 53 | 13.929 | 2031 | 2036 | 2040 | rBV   | 19482  | 30972   | 1.93%  | 0.279%  |
| 54 | 13.970 | 2040 | 2043 | 2048 | rVV3  | 19189  | 30856   | 1.92%  | 0.278%  |
| 55 | 14.094 | 2059 | 2064 | 2072 | rVB7  | 16736  | 30906   | 1.93%  | 0.279%  |
| 56 | 14.423 | 2114 | 2120 | 2125 | rVB3  | 27260  | 45020   | 2.81%  | 0.406%  |
| 57 | 14.511 | 2128 | 2135 | 2140 | rVB9  | 16429  | 36675   | 2.29%  | 0.331%  |
| 58 | 14.629 | 2154 | 2155 | 2163 | rVB6  | 11879  | 16812   | 1.05%  | 0.152%  |

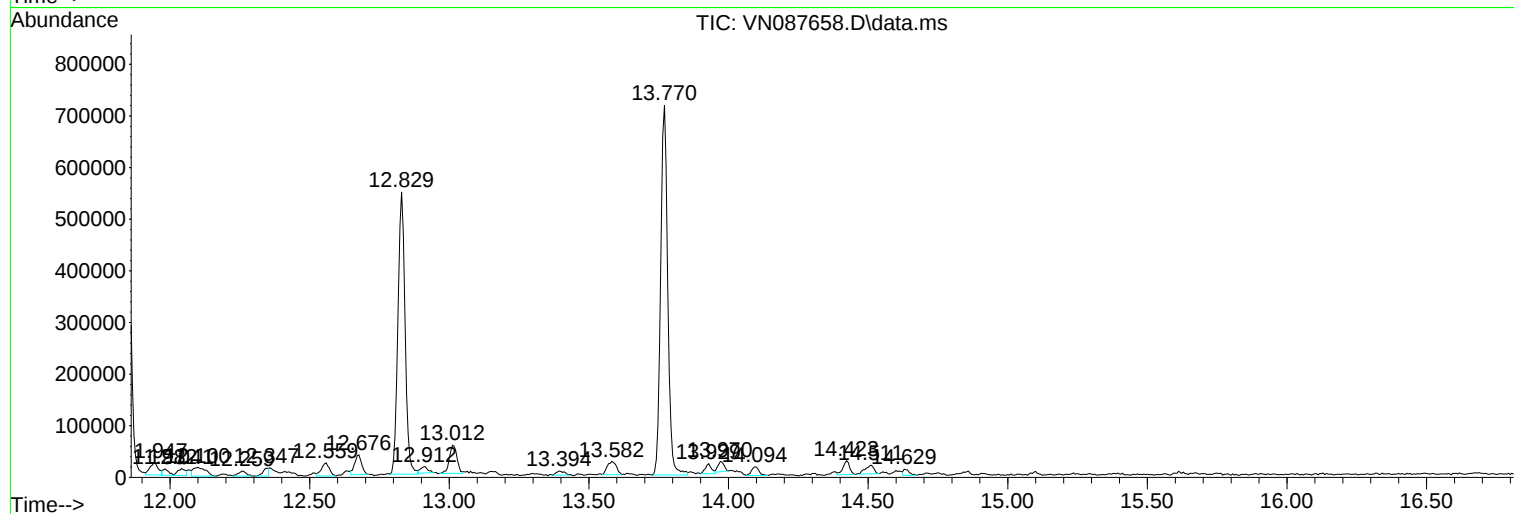
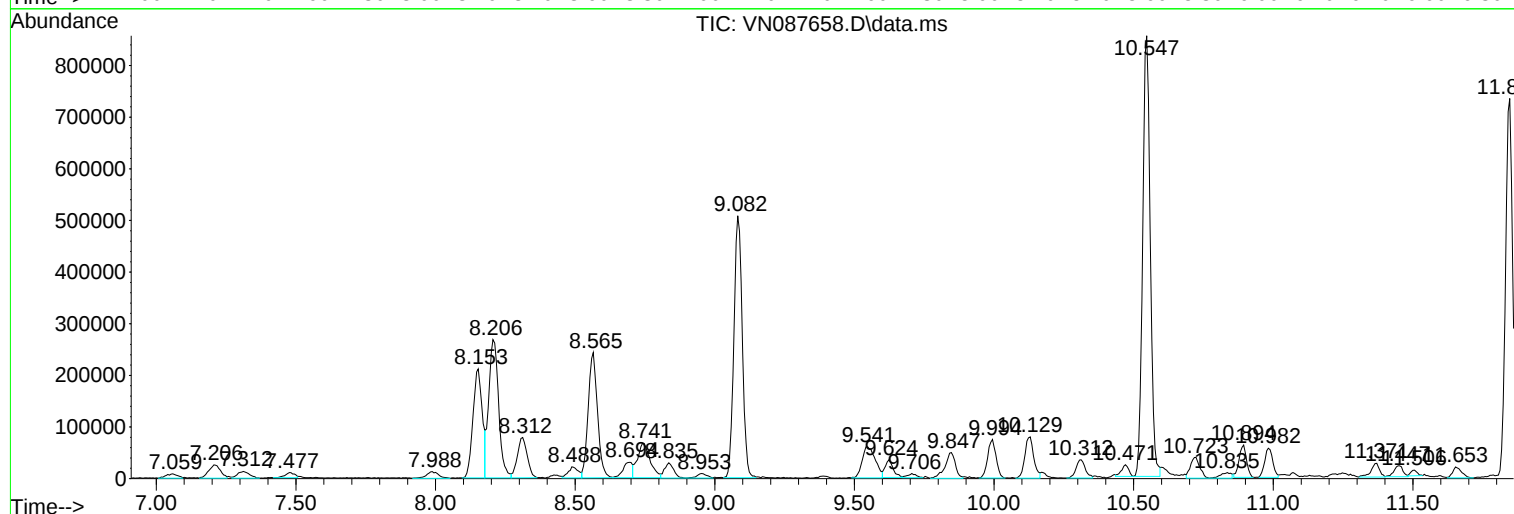
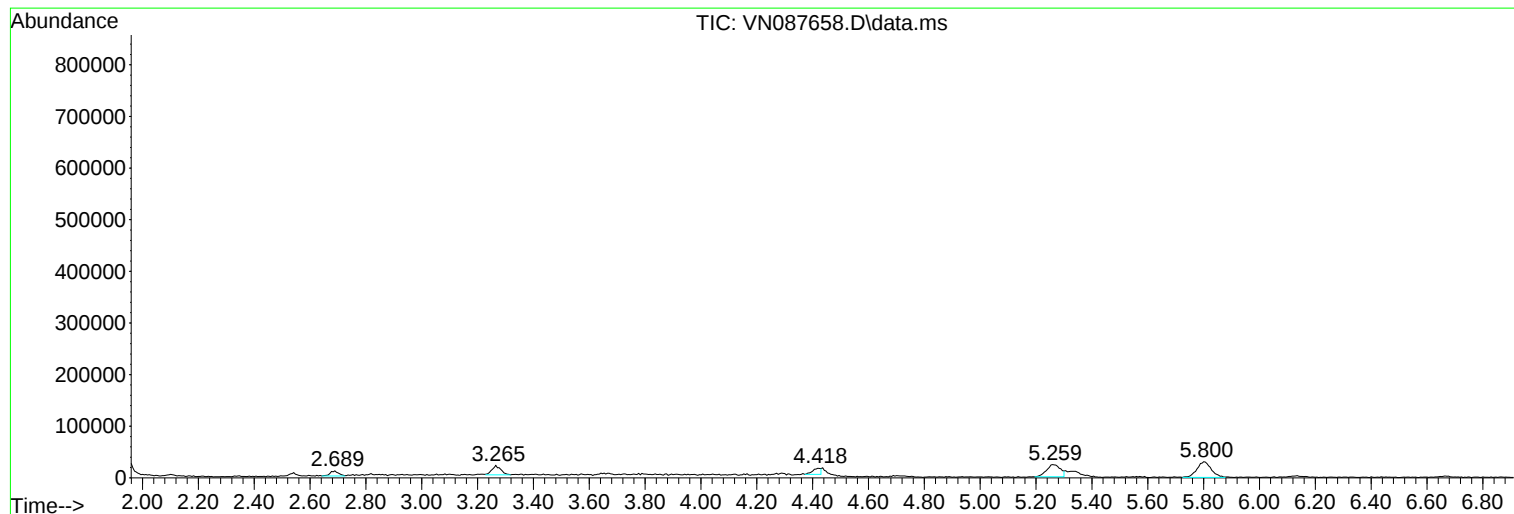
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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260

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



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Sample : Q2920-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260

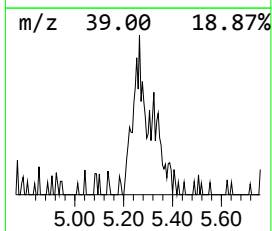
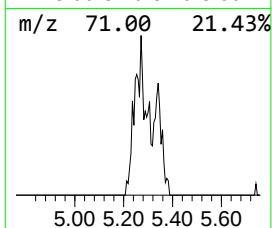
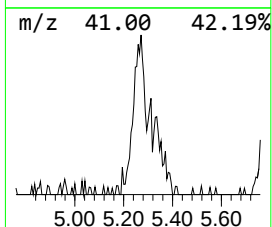
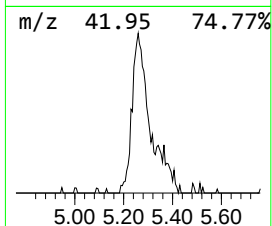
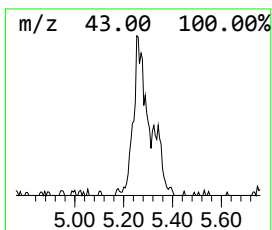
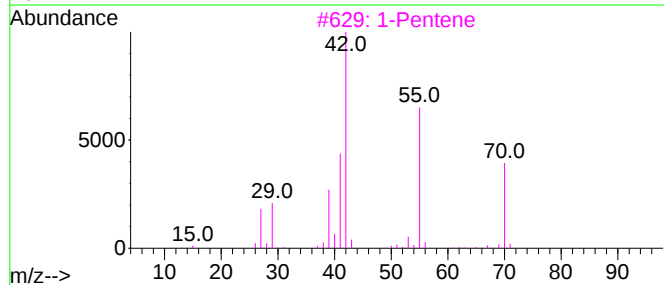
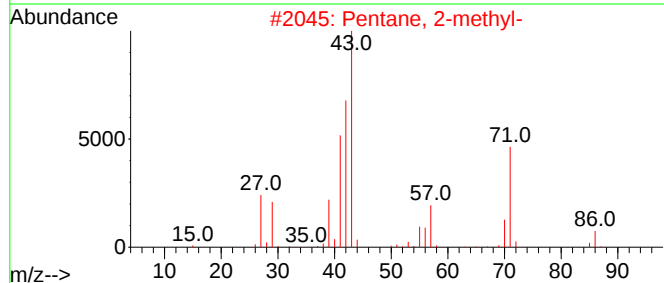
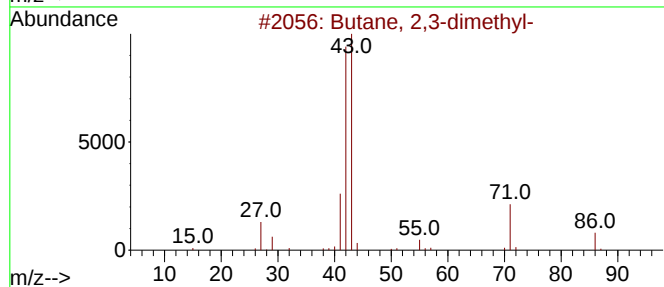
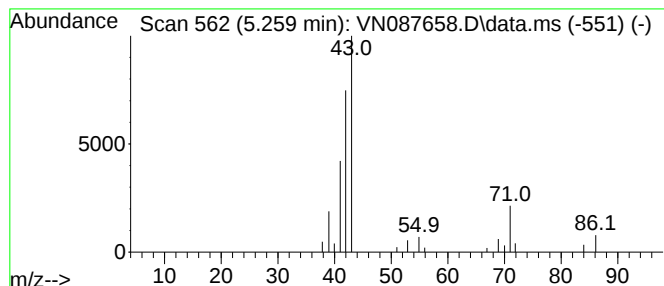
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Butane, 2,3-dimethyl- Concentration Rank 7

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 5.259 | 6.30 ug/l | 82455 | Pentafluorobenzene | 8.212 |

| Hit# | of | 5 | Tentative ID                | MW | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|----|---------|-------------|------|
| 1    |    |   | Butane, 2,3-dimethyl-       | 86 | C6H14   | 000079-29-8 | 72   |
| 2    |    |   | Pentane, 2-methyl-          | 86 | C6H14   | 000107-83-5 | 64   |
| 3    |    |   | 1-Pentene                   | 70 | C5H10   | 000109-67-1 | 33   |
| 4    |    |   | 2-Oxetanone, 4-methylene-   | 84 | C4H4O2  | 000674-82-8 | 9    |
| 5    |    |   | Furan, tetrahydro-2-methyl- | 86 | C5H10O  | 000096-47-9 | 9    |



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Instrument :  
MSVOA\_N  
ClientSampleId :  
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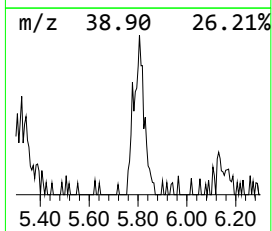
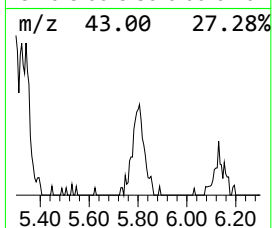
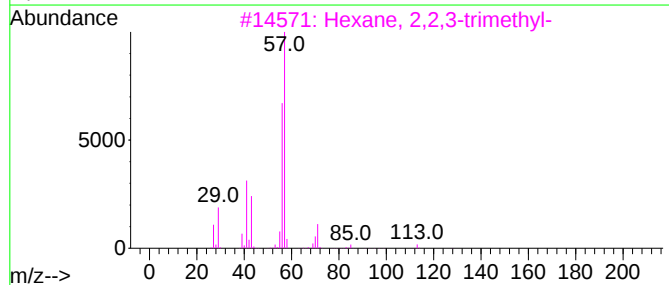
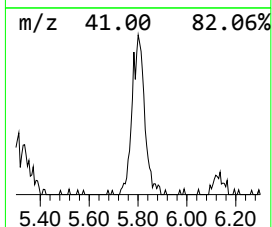
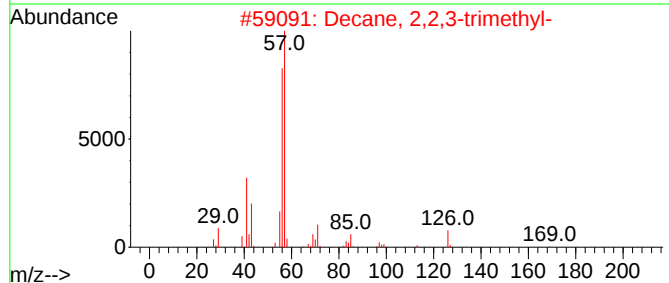
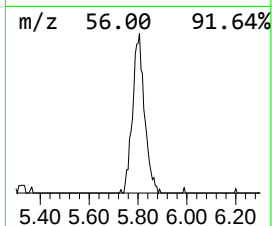
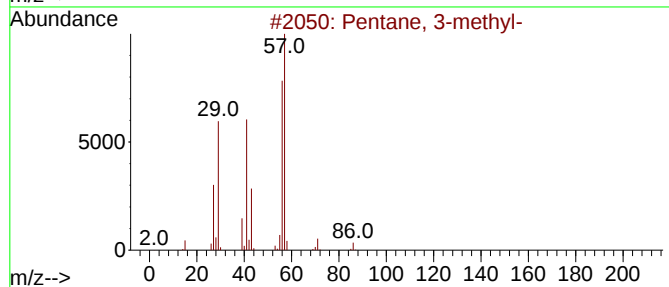
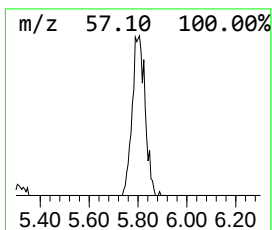
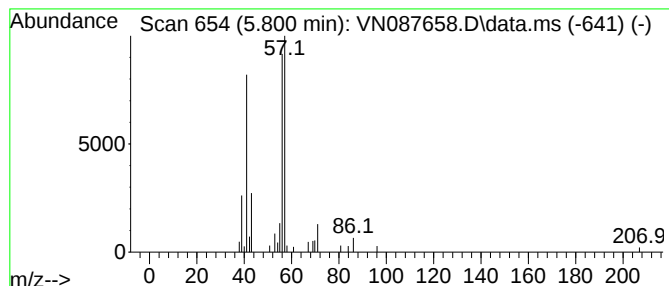
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Pentane, 3-methyl- Concentration Rank 5

| R.T.  | EstConc   | Area   | Relative to ISTD   | R.T.  |
|-------|-----------|--------|--------------------|-------|
| 5.800 | 8.11 ug/l | 106216 | Pentafluorobenzene | 8.212 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 3-methyl-       | 86  | C6H14   | 000096-14-0 | 72   |
| 2    |    |   | Decane, 2,2,3-trimethyl- | 184 | C13H28  | 062338-09-4 | 64   |
| 3    |    |   | Hexane, 2,2,3-trimethyl- | 128 | C9H20   | 016747-25-4 | 50   |
| 4    |    |   | 2,4-Dimethyl-1-hexene    | 112 | C8H16   | 016746-87-5 | 45   |
| 5    |    |   | 1-Heptene, 2-methyl-     | 112 | C8H16   | 015870-10-7 | 45   |



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ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW1

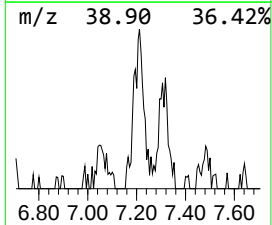
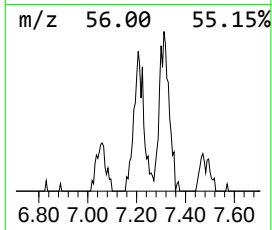
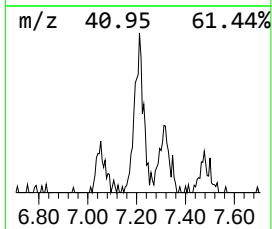
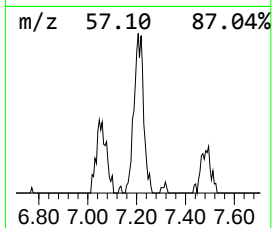
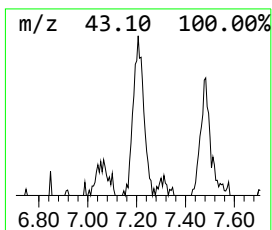
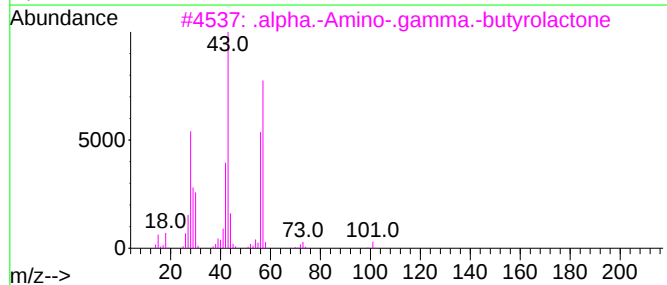
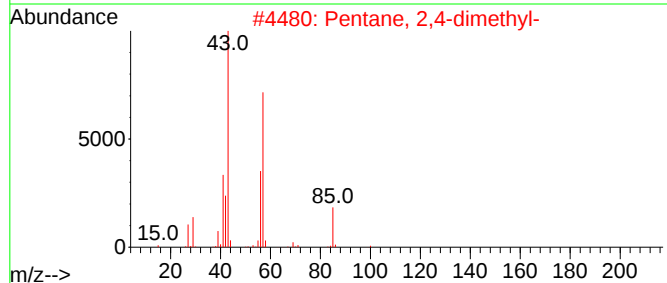
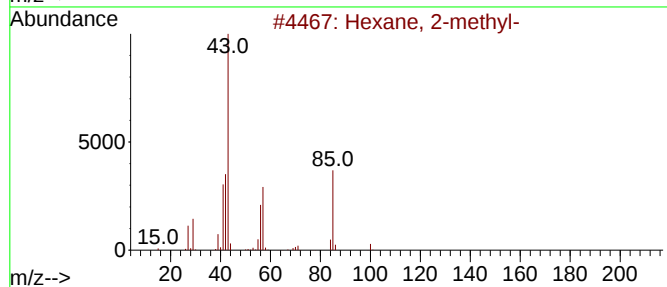
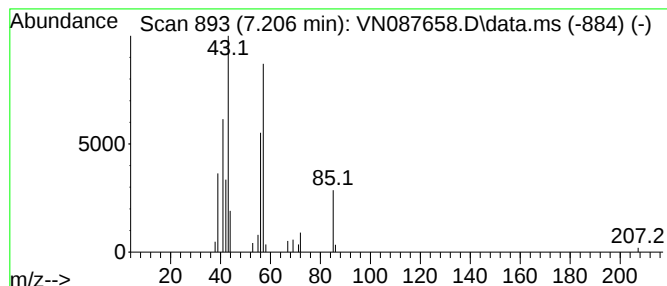
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Hexane, 2-methyl- Concentration Rank 9

| R.T.  | EstConc   | Area  | Relative to ISTD   | R.T.  |
|-------|-----------|-------|--------------------|-------|
| 7.206 | 5.72 ug/l | 74912 | Pentafluorobenzene | 8.212 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 2-methyl-                   | 100 | C7H16   | 000591-76-4 | 59   |
| 2    |    |   | Pentane, 2,4-dimethyl-              | 100 | C7H16   | 000108-08-7 | 59   |
| 3    |    |   | .alpha.-Amino-.gamma.-butyrolactone | 101 | C4H7NO2 | 001192-20-7 | 45   |
| 4    |    |   | Hydroperoxide, hexyl                | 118 | C6H14O2 | 004312-76-9 | 43   |
| 5    |    |   | Butane, 2,2,3-trimethyl-            | 100 | C7H16   | 000464-06-2 | 38   |



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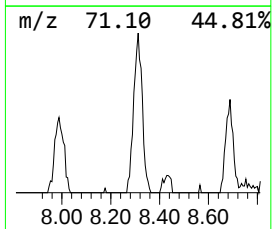
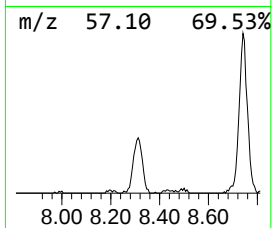
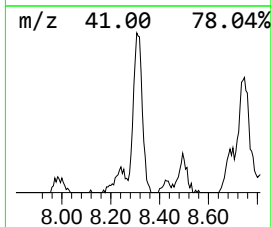
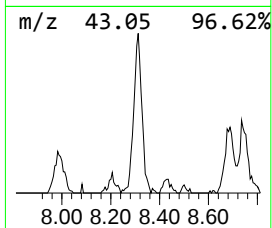
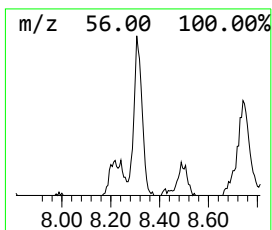
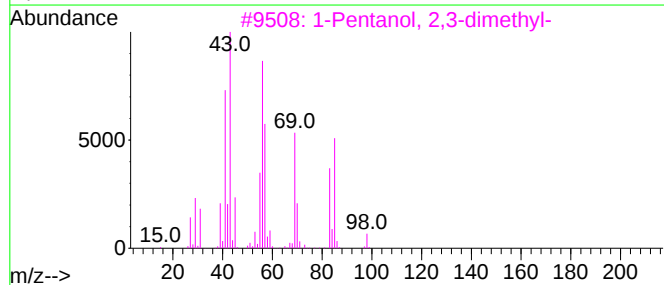
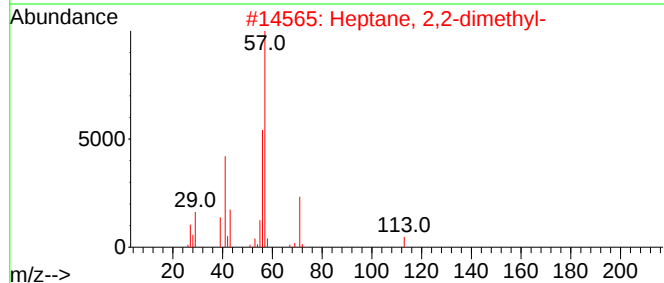
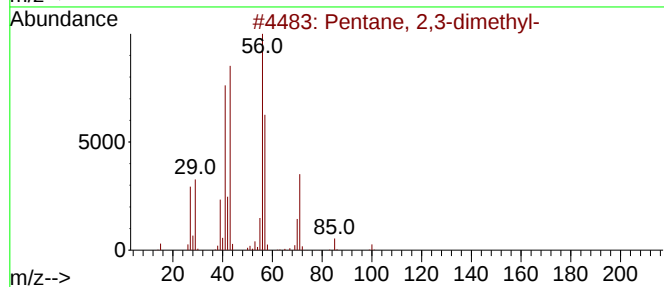
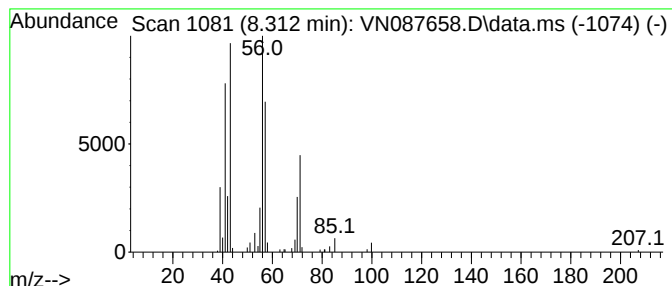
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Quant Title : SW846 8260

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

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Peak Number 4 Pentane, 2,3-dimethyl- Concentration Rank 1

| R.T.      | EstConc                   | Area   | Relative to ISTD   | R.T.        |      |
|-----------|---------------------------|--------|--------------------|-------------|------|
| 8.312     | 14.43 ug/l                | 188948 | Pentafluorobenzene | 8.212       |      |
| Hit# of 5 | Tentative ID              | MW     | MolForm            | CAS#        | Qual |
| 1         | Pentane, 2,3-dimethyl-    | 100    | C7H16              | 000565-59-3 | 91   |
| 2         | Heptane, 2,2-dimethyl-    | 128    | C9H20              | 001071-26-7 | 50   |
| 3         | 1-Pentanol, 2,3-dimethyl- | 116    | C7H16O             | 010143-23-4 | 45   |
| 4         | 1-Pentene, 2,4-dimethyl-  | 98     | C7H14              | 002213-32-3 | 42   |
| 5         | Octane, 2,2-dimethyl-     | 142    | C10H22             | 015869-87-1 | 40   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082525\  
Data File : VN087658.D  
Acq On : 25 Aug 2025 15:22  
Operator : JC\MD  
Sample : Q2920-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260

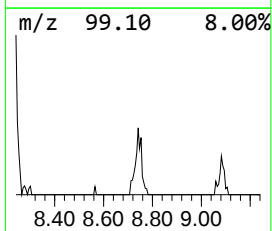
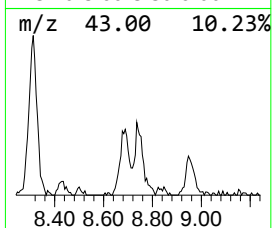
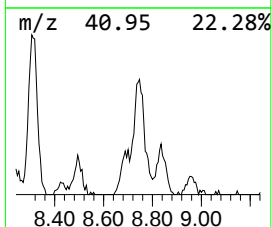
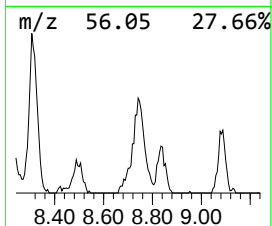
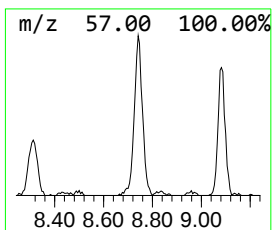
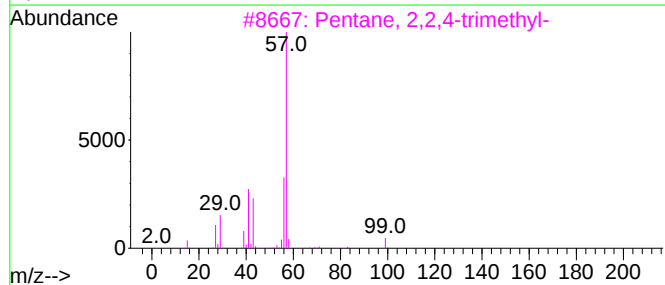
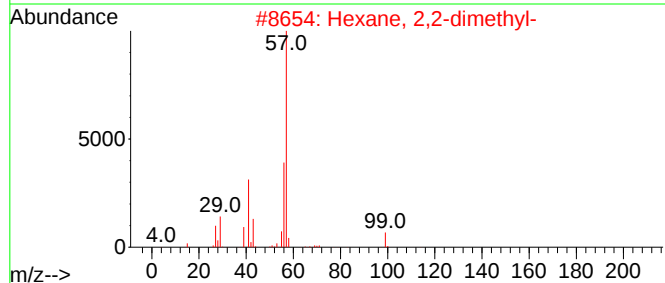
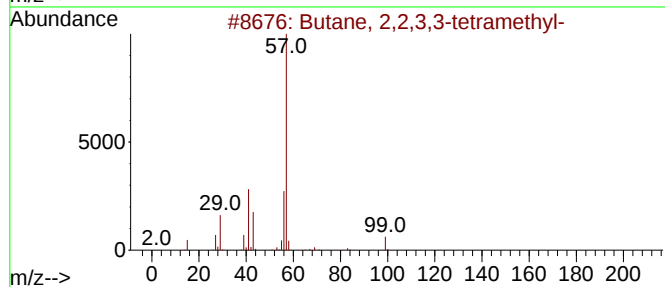
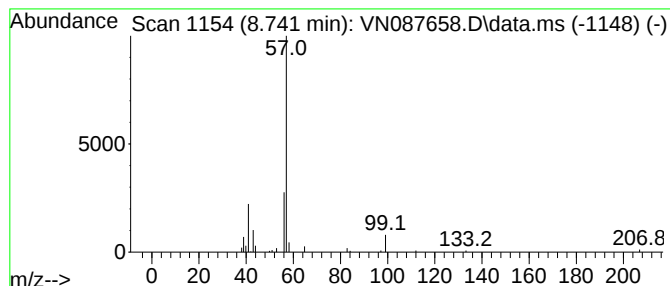
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown8.741 Concentration Rank 2

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 8.741 | 9.85 ug/l | 207937 | 1,4-Difluorobenzene | 9.082 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | Butane, 2,2,3,3-tetramethyl-        | 114 | C8H18      | 000594-82-1  | 45   |
| 2    |    |   | Hexane, 2,2-dimethyl-               | 114 | C8H18      | 000590-73-8  | 45   |
| 3    |    |   | Pentane, 2,2,4-trimethyl-           | 114 | C8H18      | 000540-84-1  | 38   |
| 4    |    |   | Pentane, 2,2,4,4-tetramethyl-       | 128 | C9H20      | 001070-87-7  | 36   |
| 5    |    |   | 2,2-Dimethyl-3-pentanol, heptafl... | 312 | C11H15F7O2 | 1000364-14-4 | 23   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082525\  
Data File : VN087658.D  
Acq On : 25 Aug 2025 15:22  
Operator : JC\MD  
Sample : Q2920-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260

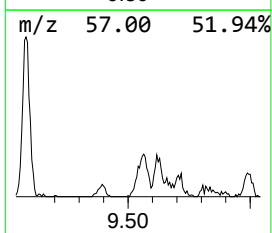
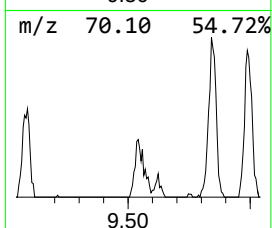
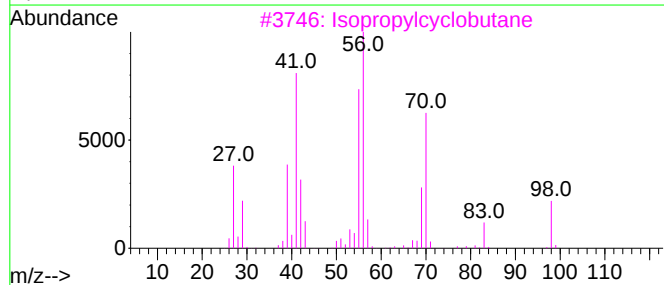
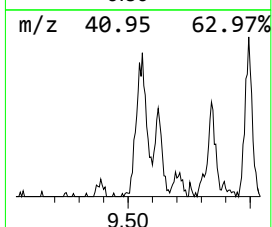
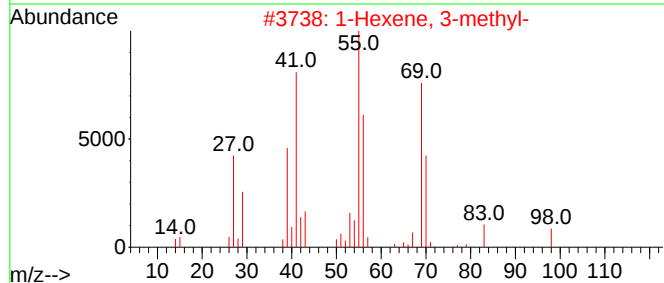
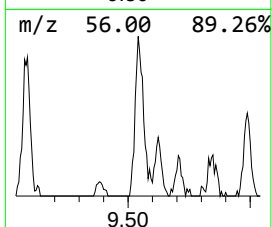
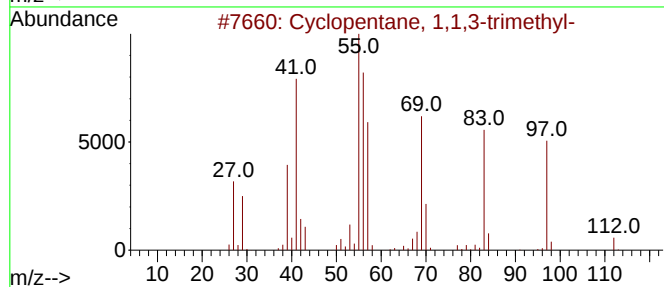
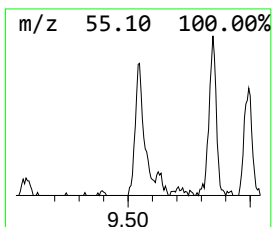
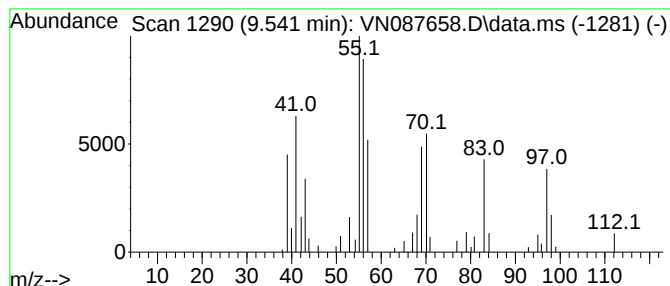
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 3

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 9.541 | 9.33 ug/l | 197017 | 1,4-Difluorobenzene | 9.082 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopentane, 1,1,3-trimethyl-    | 112 | C8H16   | 004516-69-2 | 92   |
| 2    |    |   | 1-Hexene, 3-methyl-               | 98  | C7H14   | 003404-61-3 | 58   |
| 3    |    |   | Isopropylcyclobutane              | 98  | C7H14   | 000872-56-0 | 52   |
| 4    |    |   | 2-Hexene, 5-methyl-, (E)-         | 98  | C7H14   | 007385-82-2 | 49   |
| 5    |    |   | Cyclopentane, 1,2-dimethyl-, cis- | 98  | C7H14   | 001192-18-3 | 46   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082525\  
Data File : VN087658.D  
Acq On : 25 Aug 2025 15:22  
Operator : JC\MD  
Sample : Q2920-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260

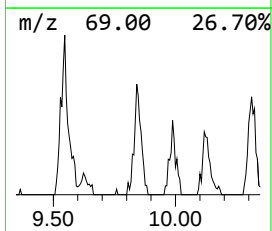
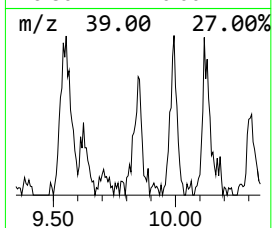
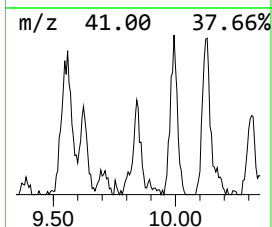
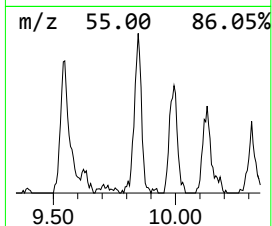
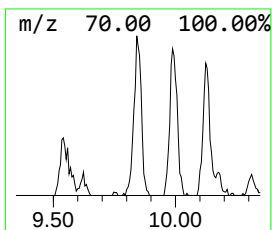
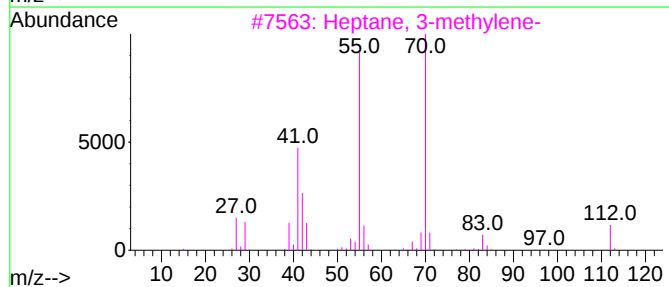
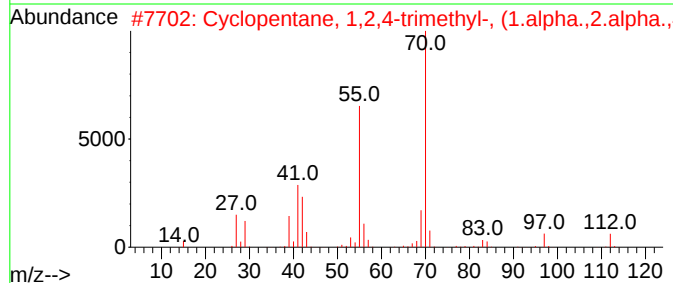
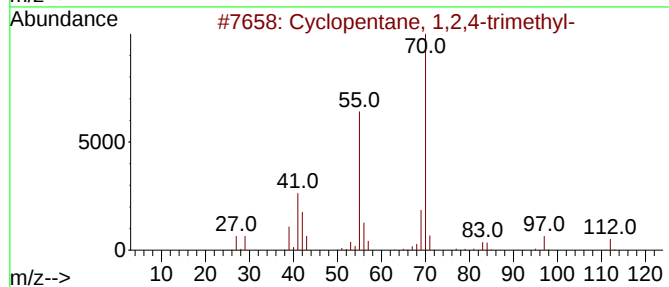
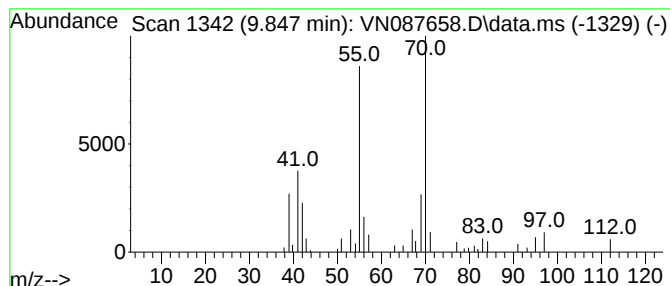
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 8

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 9.847 | 6.02 ug/l | 127165 | 1,4-Difluorobenzene | 9.082 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopentane, 1,2,4-trimethyl-      | 112 | C8H16   | 002815-58-9 | 90   |
| 2    |    |   | Cyclopentane, 1,2,4-trimethyl-, ... | 112 | C8H16   | 004850-28-6 | 86   |
| 3    |    |   | Heptane, 3-methylene-               | 112 | C8H16   | 001632-16-2 | 80   |
| 4    |    |   | Hexane, 2-methyl-4-methylene-       | 112 | C8H16   | 003404-80-6 | 72   |
| 5    |    |   | Cyclopentane, 1,2,3-trimethyl-, ... | 112 | C8H16   | 002613-69-6 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082525\  
Data File : VN087658.D  
Acq On : 25 Aug 2025 15:22  
Operator : JC\MD  
Sample : Q2920-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW1

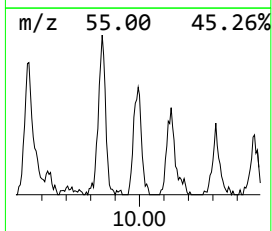
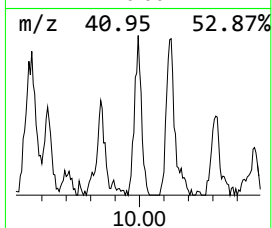
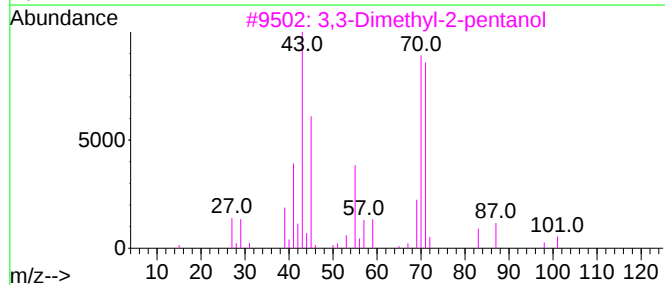
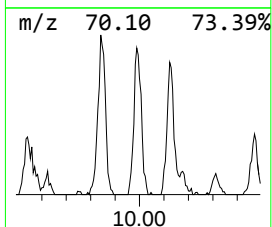
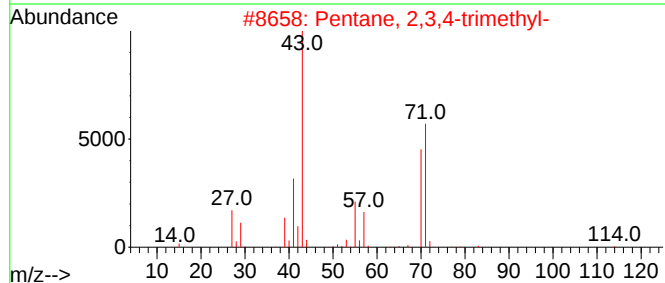
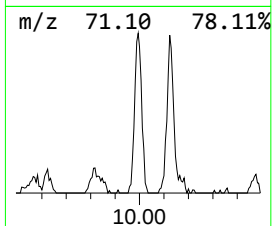
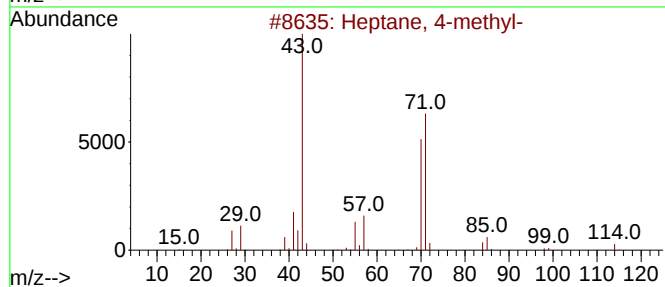
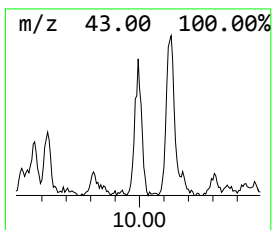
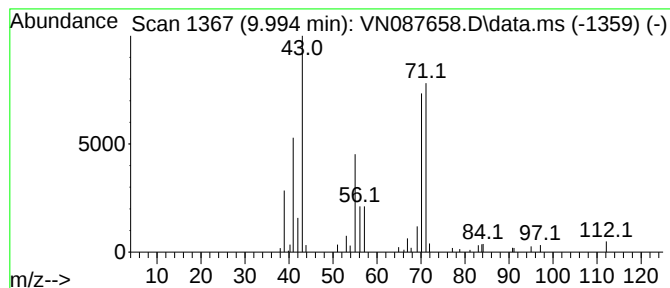
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Quant Title : SW846 8260

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

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Peak Number 8 Heptane, 4-methyl- Concentration Rank 6

| R.T.  | EstConc   | Area   | Relative to ISTD    | R.T.  |
|-------|-----------|--------|---------------------|-------|
| 9.994 | 7.35 ug/l | 155134 | 1,4-Difluorobenzene | 9.082 |

| Hit# | of 5 | Tentative ID              | MW  | MolForm  | CAS#        | Qual |
|------|------|---------------------------|-----|----------|-------------|------|
| 1    |      | Heptane, 4-methyl-        | 114 | C8H18    | 000589-53-7 | 72   |
| 2    |      | Pentane, 2,3,4-trimethyl- | 114 | C8H18    | 000565-75-3 | 64   |
| 3    |      | 3,3-Dimethyl-2-pentanol   | 116 | C7H16O   | 019781-24-9 | 64   |
| 4    |      | 1-Heptene, 4-methyl-      | 112 | C8H16    | 013151-05-8 | 53   |
| 5    |      | 3-Methylheptyl acetate    | 172 | C10H20O2 | 072218-58-7 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082525\  
Data File : VN087658.D  
Acq On : 25 Aug 2025 15:22  
Operator : JC\MD  
Sample : Q2920-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW1

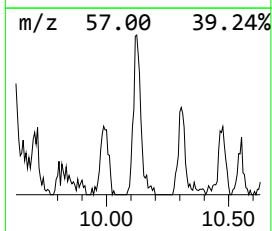
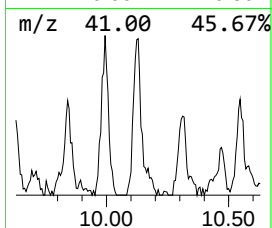
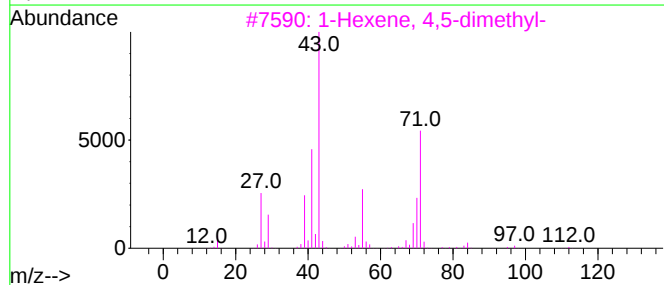
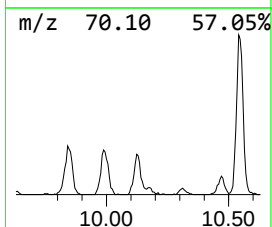
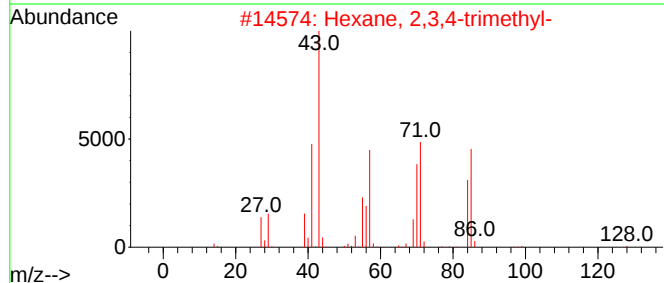
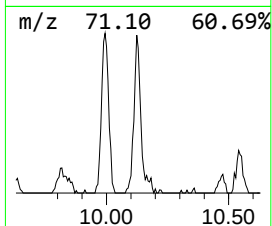
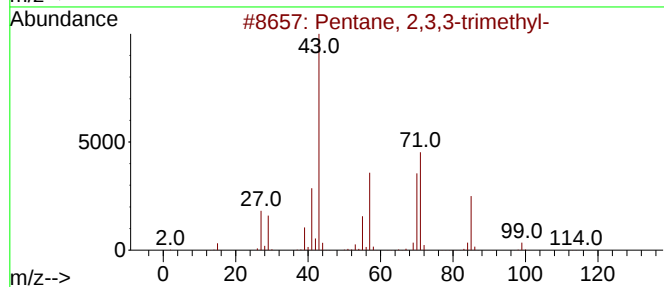
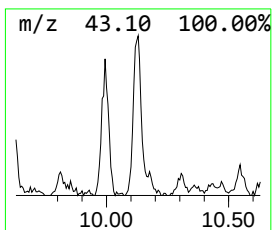
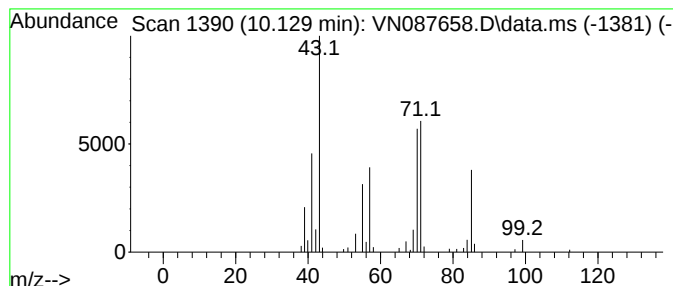
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260

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

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Peak Number 9 Pentane, 2,3,3-trimethyl- Concentration Rank 4

| R.T.   | EstConc   | Area   | Relative to ISTD    | R.T.  |
|--------|-----------|--------|---------------------|-------|
| 10.129 | 8.46 ug/l | 178679 | 1,4-Difluorobenzene | 9.082 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Pentane, 2,3,3-trimethyl-  | 114 | C8H18   | 000560-21-4 | 64   |
| 2    |    |   | Hexane, 2,3,4-trimethyl-   | 128 | C9H20   | 000921-47-1 | 59   |
| 3    |    |   | 1-Hexene, 4,5-dimethyl-    | 112 | C8H16   | 016106-59-5 | 53   |
| 4    |    |   | Hexane, 3,3-dimethyl-      | 114 | C8H18   | 000563-16-6 | 53   |
| 5    |    |   | Pentane, 3-ethyl-2-methyl- | 114 | C8H18   | 000609-26-7 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN082525\  
Data File : VN087658.D  
Acq On : 25 Aug 2025 15:22  
Operator : JC\MD  
Sample : Q2920-01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
MW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N082125W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|-------|---------|------|
|                    |        |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2,3-dim... | 5.259  | 6.3     | ug/l  | 82455    | 1                     | 8.212 | 654720  | 50.0 |
| Pentane, 3-methyl- | 5.800  | 8.1     | ug/l  | 106216   | 1                     | 8.212 | 654720  | 50.0 |
| Hexane, 2-methyl-  | 7.206  | 5.7     | ug/l  | 74912    | 1                     | 8.212 | 654720  | 50.0 |
| Pentane, 2,3-di... | 8.312  | 14.4    | ug/l  | 188948   | 1                     | 8.212 | 654720  | 50.0 |
| unknown8.741       | 8.741  | 9.8     | ug/l  | 207937   | 2                     | 9.082 | 1055760 | 50.0 |
| Cyclopentane, 1... | 9.541  | 9.3     | ug/l  | 197017   | 2                     | 9.082 | 1055760 | 50.0 |
| Cyclopentane, 1... | 9.847  | 6.0     | ug/l  | 127165   | 2                     | 9.082 | 1055760 | 50.0 |
| Heptane, 4-methyl- | 9.994  | 7.3     | ug/l  | 155134   | 2                     | 9.082 | 1055760 | 50.0 |
| Pentane, 2,3,3-... | 10.129 | 8.5     | ug/l  | 178679   | 2                     | 9.082 | 1055760 | 50.0 |