

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
 Data File : VN088477.D  
 Acq On : 09 Dec 2025 14:05  
 Operator : JC\MD  
 Sample : Q3784-03 20X  
 Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB3A

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\82N112425W.M

Title : SW846 8260

Signal : TIC: VN088477.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         | 5.330       | 565           | 574         | 589          | rVB2     | 155808         | 577667        | 8.85%           | 0.507%        |
| 2         | 5.800       | 640           | 654         | 675          | rVB3     | 133693         | 475161        | 7.28%           | 0.417%        |
| 3         | 6.300       | 725           | 739         | 754          | rBV2     | 250161         | 785181        | 12.03%          | 0.689%        |
| 4         | 7.059       | 856           | 868         | 883          | rBV3     | 39146          | 130191        | 2.00%           | 0.114%        |
| 5         | 7.206       | 883           | 893         | 901          | rVV      | 87442          | 251705        | 3.86%           | 0.221%        |
| 6         | 7.306       | 901           | 910         | 930          | rVV2     | 252227         | 756846        | 11.60%          | 0.664%        |
| 7         | 7.988       | 1019          | 1026        | 1033         | rVB2     | 46671          | 121351        | 1.86%           | 0.107%        |
| 8         | 8.147       | 1044          | 1053        | 1056         | rBV      | 253428         | 608175        | 9.32%           | 0.534%        |
| 9         | 8.200       | 1056          | 1062        | 1074         | rVV2     | 1115002        | 3149787       | 48.27%          | 2.765%        |
| 10        | 8.306       | 1074          | 1080        | 1091         | rVB2     | 345435         | 872406        | 13.37%          | 0.766%        |
| 11        | 8.424       | 1091          | 1100        | 1107         | rBV      | 1024831        | 2353730       | 36.07%          | 2.066%        |
| 12        | 8.488       | 1107          | 1111        | 1116         | rVB4     | 69835          | 135736        | 2.08%           | 0.119%        |
| 13        | 8.559       | 1116          | 1123        | 1137         | rVB      | 290876         | 656345        | 10.06%          | 0.576%        |
| 14        | 8.700       | 1137          | 1147        | 1151         | rBV2     | 386746         | 1048553       | 16.07%          | 0.920%        |
| 15        | 8.765       | 1154          | 1158        | 1164         | rVV      | 352599         | 779918        | 11.95%          | 0.685%        |
| 16        | 8.830       | 1164          | 1169        | 1179         | rVB      | 432344         | 997720        | 15.29%          | 0.876%        |
| 17        | 8.947       | 1179          | 1189        | 1203         | rVB      | 1237245        | 2547973       | 39.05%          | 2.237%        |
| 18        | 9.077       | 1203          | 1211        | 1219         | rBV3     | 849392         | 1966770       | 30.14%          | 1.726%        |
| 19        | 9.312       | 1245          | 1251        | 1255         | rVV2     | 68566          | 146585        | 2.25%           | 0.129%        |
| 20        | 9.371       | 1255          | 1261        | 1272         | rVB3     | 91073          | 297593        | 4.56%           | 0.261%        |
| 21        | 9.577       | 1281          | 1296        | 1312         | rBV2     | 2243791        | 6525698       | 100.00%         | 5.728%        |
| 22        | 9.753       | 1319          | 1326        | 1332         | rVV      | 305822         | 586683        | 8.99%           | 0.515%        |
| 23        | 9.841       | 1332          | 1341        | 1348         | rVB2     | 369225         | 865294        | 13.26%          | 0.760%        |
| 24        | 9.982       | 1358          | 1365        | 1375         | rVB2     | 543236         | 1181719       | 18.11%          | 1.037%        |
| 25        | 10.077      | 1375          | 1381        | 1384         | rBV2     | 172291         | 308417        | 4.73%           | 0.271%        |
| 26        | 10.124      | 1384          | 1389        | 1393         | rVV2     | 529427         | 1026332       | 15.73%          | 0.901%        |
| 27        | 10.182      | 1393          | 1399        | 1413         | rVB2     | 1937419        | 4697717       | 71.99%          | 4.124%        |
| 28        | 10.318      | 1413          | 1422        | 1434         | rBV      | 1591776        | 3556952       | 54.51%          | 3.122%        |
| 29        | 10.429      | 1434          | 1441        | 1444         | rBV3     | 175738         | 357548        | 5.48%           | 0.314%        |
| 30        | 10.471      | 1444          | 1448        | 1453         | rVB      | 272147         | 469782        | 7.20%           | 0.412%        |
| 31        | 10.541      | 1453          | 1460        | 1465         | rBV      | 2292417        | 4475336       | 68.58%          | 3.928%        |
| 32        | 10.582      | 1465          | 1467        | 1477         | rVV3     | 575593         | 1182065       | 18.11%          | 1.038%        |
| 33        | 10.665      | 1477          | 1481        | 1484         | rVV      | 179913         | 290105        | 4.45%           | 0.255%        |
| 34        | 10.718      | 1484          | 1490        | 1497         | rVB3     | 1213297        | 2587304       | 39.65%          | 2.271%        |
| 35        | 10.829      | 1504          | 1509        | 1513         | rBV5     | 125518         | 217324        | 3.33%           | 0.191%        |
| 36        | 10.888      | 1513          | 1519        | 1525         | rVB2     | 668904         | 1218190       | 18.67%          | 1.069%        |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB3A

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\82N112425W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 37 | 10.976 | 1525 | 1534 | 1543 | rBV7 | 640461  | 1883739 | 28.87% | 1.654% |
| 38 | 11.059 | 1543 | 1548 | 1554 | rVB3 | 384585  | 732775  | 11.23% | 0.643% |
| 39 | 11.147 | 1554 | 1563 | 1570 | rBV  | 874707  | 1627953 | 24.95% | 1.429% |
| 40 | 11.247 | 1570 | 1580 | 1588 | rBV  | 699700  | 1936648 | 29.68% | 1.700% |
| 41 | 11.318 | 1588 | 1592 | 1596 | rBV2 | 341345  | 601874  | 9.22%  | 0.528% |
| 42 | 11.359 | 1596 | 1599 | 1601 | rVV5 | 207113  | 346191  | 5.31%  | 0.304% |
| 43 | 11.394 | 1601 | 1605 | 1609 | rVV  | 882375  | 1510194 | 23.14% | 1.326% |
| 44 | 11.447 | 1609 | 1614 | 1619 | rVV  | 1024967 | 1964477 | 30.10% | 1.724% |
| 45 | 11.494 | 1619 | 1622 | 1626 | rVV4 | 218061  | 359093  | 5.50%  | 0.315% |
| 46 | 11.547 | 1626 | 1631 | 1635 | rVV2 | 777134  | 1241635 | 19.03% | 1.090% |
| 47 | 11.618 | 1635 | 1643 | 1655 | rVB3 | 1870899 | 4565350 | 69.96% | 4.008% |
| 48 | 11.718 | 1655 | 1660 | 1673 | rVB  | 1644505 | 2732651 | 41.88% | 2.399% |
| 49 | 11.841 | 1675 | 1681 | 1687 | rBV  | 1076419 | 1879573 | 28.80% | 1.650% |
| 50 | 11.935 | 1692 | 1697 | 1702 | rVV  | 762559  | 1389763 | 21.30% | 1.220% |
| 51 | 11.976 | 1702 | 1704 | 1707 | rVV2 | 241577  | 357476  | 5.48%  | 0.314% |
| 52 | 12.018 | 1707 | 1711 | 1717 | rVV5 | 431621  | 1073205 | 16.45% | 0.942% |
| 53 | 12.082 | 1717 | 1722 | 1726 | rVV  | 714962  | 1384046 | 21.21% | 1.215% |
| 54 | 12.123 | 1726 | 1729 | 1735 | rVB2 | 473431  | 788634  | 12.09% | 0.692% |
| 55 | 12.182 | 1735 | 1739 | 1742 | rBV3 | 74234   | 121123  | 1.86%  | 0.106% |
| 56 | 12.265 | 1748 | 1753 | 1760 | rVB5 | 269743  | 601652  | 9.22%  | 0.528% |
| 57 | 12.341 | 1760 | 1766 | 1773 | rBV3 | 836950  | 1965625 | 30.12% | 1.725% |
| 58 | 12.459 | 1780 | 1786 | 1791 | rVB  | 1047562 | 1815152 | 27.82% | 1.593% |
| 59 | 12.565 | 1791 | 1804 | 1813 | rBV6 | 842573  | 3970849 | 60.85% | 3.486% |
| 60 | 12.670 | 1818 | 1822 | 1825 | rBV  | 324376  | 550358  | 8.43%  | 0.483% |
| 61 | 12.718 | 1826 | 1830 | 1831 | rBV3 | 216008  | 302018  | 4.63%  | 0.265% |
| 62 | 12.741 | 1832 | 1834 | 1837 | rVV3 | 366591  | 475181  | 7.28%  | 0.417% |
| 63 | 12.770 | 1837 | 1839 | 1843 | rVB  | 722766  | 809708  | 12.41% | 0.711% |
| 64 | 12.823 | 1843 | 1848 | 1851 | rBV  | 772647  | 1350428 | 20.69% | 1.185% |
| 65 | 12.906 | 1858 | 1862 | 1867 | rVB3 | 204785  | 329946  | 5.06%  | 0.290% |
| 66 | 13.006 | 1872 | 1879 | 1885 | rVB  | 1073037 | 2051000 | 31.43% | 1.800% |
| 67 | 13.065 | 1886 | 1889 | 1893 | rBV4 | 96765   | 145053  | 2.22%  | 0.127% |
| 68 | 13.141 | 1893 | 1902 | 1908 | rBV5 | 587943  | 1685756 | 25.83% | 1.480% |
| 69 | 13.282 | 1922 | 1926 | 1930 | rBV4 | 223423  | 428353  | 6.56%  | 0.376% |
| 70 | 13.329 | 1931 | 1934 | 1937 | rVV2 | 268342  | 422027  | 6.47%  | 0.370% |
| 71 | 13.370 | 1937 | 1941 | 1955 | rVB3 | 621738  | 1526834 | 23.40% | 1.340% |
| 72 | 13.494 | 1955 | 1962 | 1967 | rBV4 | 213770  | 522504  | 8.01%  | 0.459% |
| 73 | 13.547 | 1968 | 1971 | 1974 | rBV3 | 161358  | 256299  | 3.93%  | 0.225% |
| 74 | 13.653 | 1984 | 1989 | 1992 | rBV4 | 339788  | 628846  | 9.64%  | 0.552% |
| 75 | 13.688 | 1993 | 1995 | 1999 | rVV2 | 256604  | 353812  | 5.42%  | 0.311% |
| 76 | 13.765 | 2003 | 2008 | 2016 | rVB3 | 1054668 | 1921970 | 29.45% | 1.687% |

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 Sample : Q3784-03 20X  
 Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB3A

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\82N112425W.M  
 Title : SW846 8260

|     |        |      |      |      |      |         |         |        |        |
|-----|--------|------|------|------|------|---------|---------|--------|--------|
| 77  | 13.829 | 2016 | 2019 | 2026 | rVB3 | 327267  | 532835  | 8.17%  | 0.468% |
| 78  | 13.923 | 2030 | 2035 | 2038 | rBV  | 501461  | 810712  | 12.42% | 0.712% |
| 79  | 13.964 | 2038 | 2042 | 2046 | rBV2 | 391464  | 568222  | 8.71%  | 0.499% |
| 80  | 14.088 | 2058 | 2063 | 2069 | rBV3 | 482490  | 981700  | 15.04% | 0.862% |
| 81  | 14.159 | 2071 | 2075 | 2079 | rVB  | 259970  | 394625  | 6.05%  | 0.346% |
| 82  | 14.306 | 2094 | 2100 | 2108 | rBV  | 1262152 | 2093086 | 32.07% | 1.837% |
| 83  | 14.417 | 2113 | 2119 | 2124 | rVB3 | 794816  | 1410054 | 21.61% | 1.238% |
| 84  | 14.482 | 2125 | 2130 | 2136 | rVB6 | 105425  | 205574  | 3.15%  | 0.180% |
| 85  | 14.553 | 2138 | 2142 | 2145 | rBV4 | 141982  | 231362  | 3.55%  | 0.203% |
| 86  | 14.600 | 2146 | 2150 | 2151 | rBV2 | 314462  | 378681  | 5.80%  | 0.332% |
| 87  | 14.629 | 2151 | 2155 | 2163 | rVB2 | 788016  | 1438892 | 22.05% | 1.263% |
| 88  | 14.706 | 2163 | 2168 | 2172 | rBV2 | 395511  | 589995  | 9.04%  | 0.518% |
| 89  | 14.759 | 2172 | 2177 | 2183 | rVB6 | 164054  | 401273  | 6.15%  | 0.352% |
| 90  | 14.847 | 2190 | 2192 | 2196 | rVB3 | 106241  | 143326  | 2.20%  | 0.126% |
| 91  | 14.900 | 2196 | 2201 | 2213 | rVB4 | 560980  | 1370662 | 21.00% | 1.203% |
| 92  | 15.023 | 2213 | 2222 | 2228 | rBV4 | 888559  | 2436455 | 37.34% | 2.139% |
| 93  | 15.253 | 2256 | 2261 | 2262 | rBV4 | 105216  | 158968  | 2.44%  | 0.140% |
| 94  | 15.288 | 2262 | 2267 | 2272 | rVV2 | 349351  | 643258  | 9.86%  | 0.565% |
| 95  | 15.411 | 2281 | 2288 | 2295 | rVB3 | 349700  | 841971  | 12.90% | 0.739% |
| 96  | 15.564 | 2309 | 2314 | 2318 | rBV5 | 95460   | 185817  | 2.85%  | 0.163% |
| 97  | 15.717 | 2334 | 2340 | 2344 | rBV4 | 99869   | 197606  | 3.03%  | 0.173% |
| 98  | 15.911 | 2365 | 2373 | 2381 | rBV2 | 148510  | 347303  | 5.32%  | 0.305% |
| 99  | 16.306 | 2432 | 2440 | 2450 | rVB5 | 61994   | 206121  | 3.16%  | 0.181% |
| 100 | 16.747 | 2508 | 2515 | 2522 | rBV  | 222347  | 535676  | 8.21%  | 0.470% |

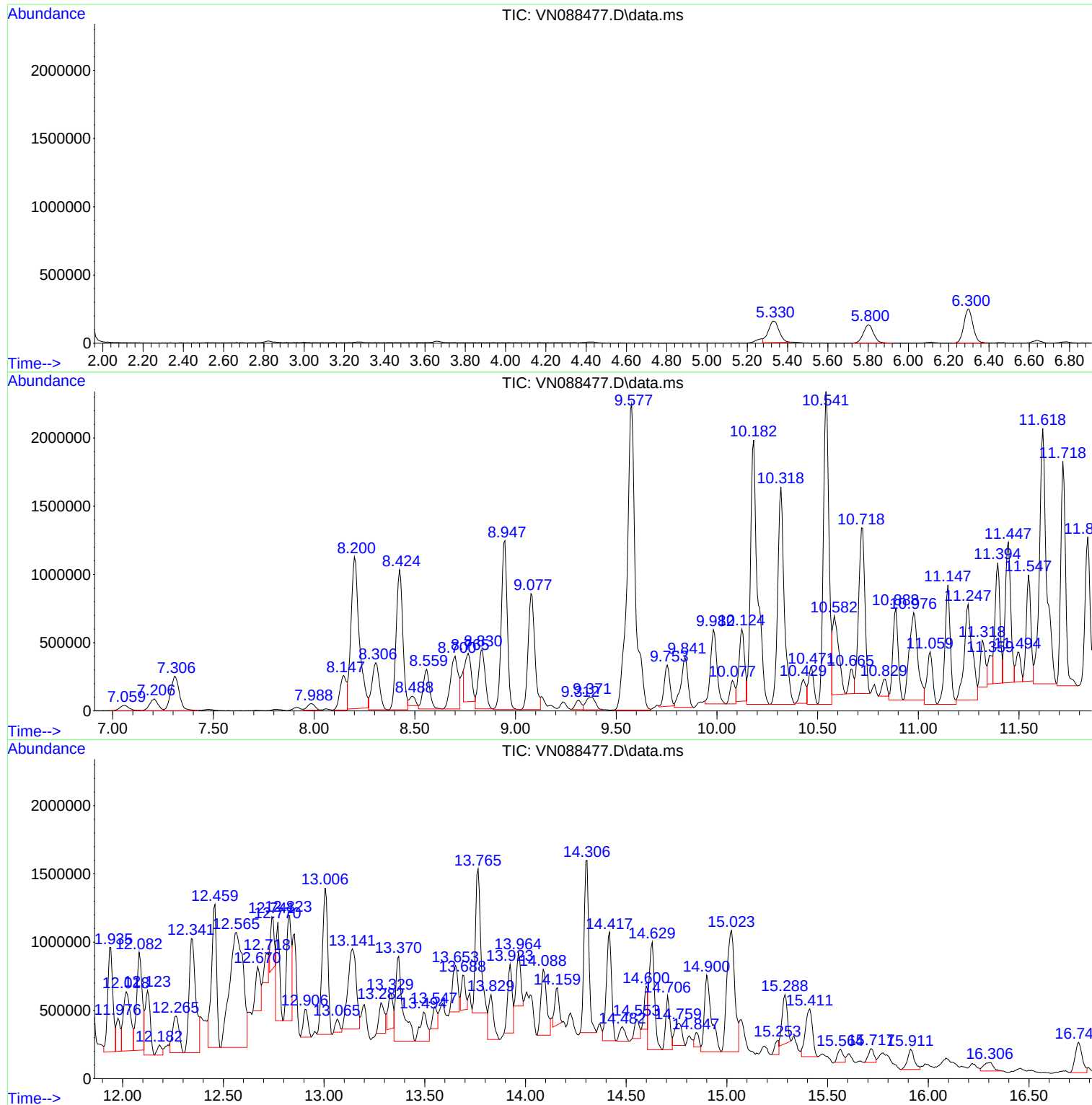
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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260

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



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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
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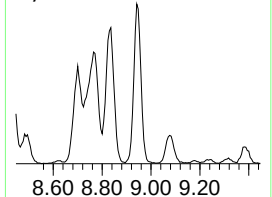
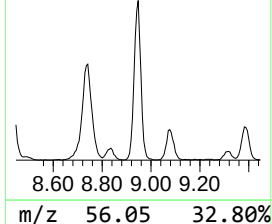
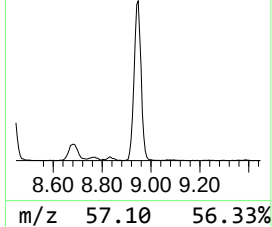
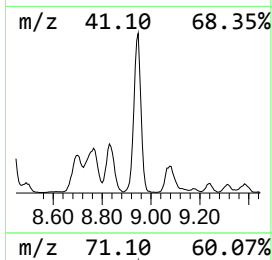
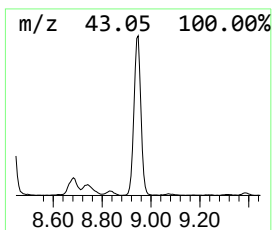
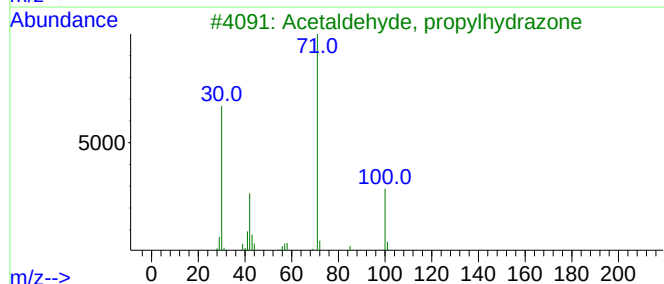
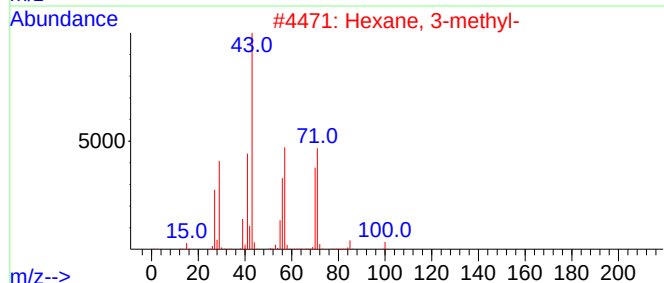
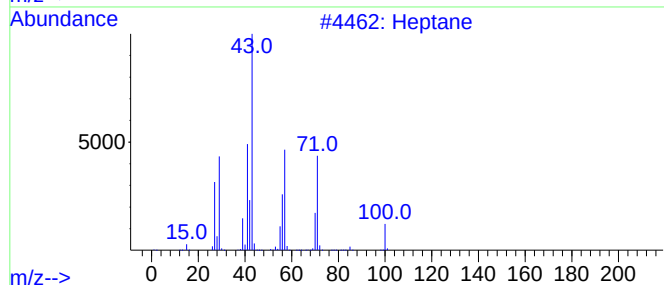
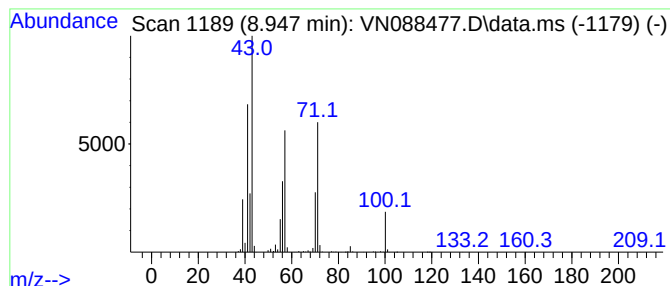
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 1 Heptane Concentration Rank 7

| R.T.  | EstConc    | Area    | Relative to ISTD    | R.T.  |
|-------|------------|---------|---------------------|-------|
| 8.947 | 64.78 ug/l | 2547970 | 1,4-Difluorobenzene | 9.077 |

| Hit# | of | 5 | Tentative ID                  | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane                       | 100 | C7H16   | 000142-82-5 | 87   |
| 2    |    |   | Hexane, 3-methyl-             | 100 | C7H16   | 000589-34-4 | 40   |
| 3    |    |   | Acetaldehyde, propylhydrazone | 100 | C5H12N2 | 007422-88-0 | 38   |
| 4    |    |   | Pentane, 2-methyl-            | 86  | C6H14   | 000107-83-5 | 38   |
| 5    |    |   | Butane, 2,2-dimethyl-         | 86  | C6H14   | 000075-83-2 | 38   |



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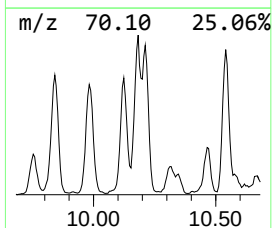
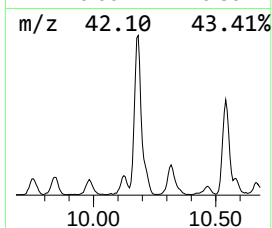
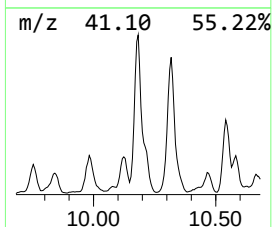
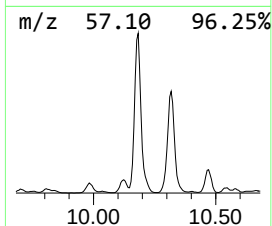
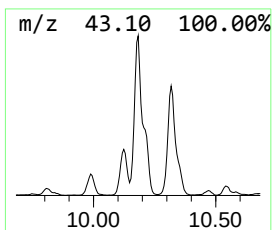
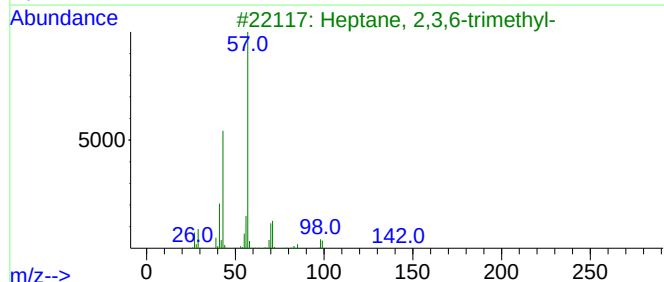
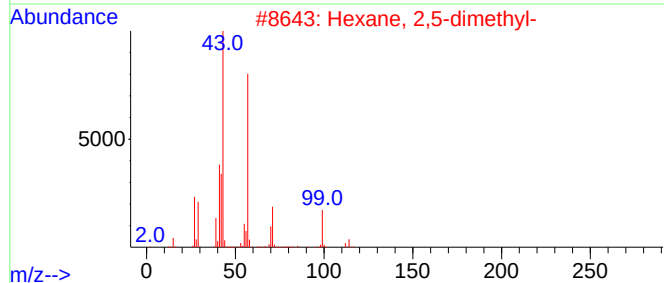
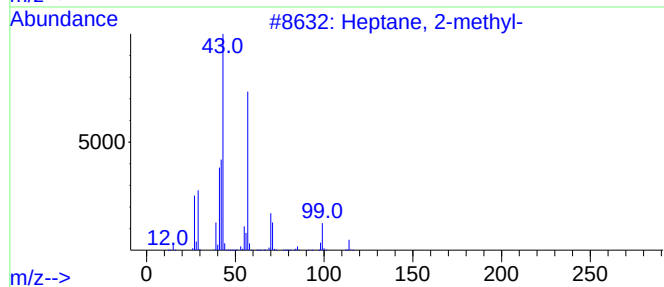
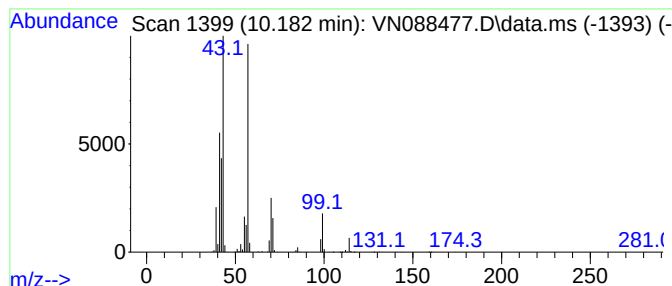
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Heptane, 2-methyl- Concentration Rank 2

| R.T.   | EstConc     | Area    | Relative to ISTD    | R.T.  |
|--------|-------------|---------|---------------------|-------|
| 10.182 | 119.43 ug/l | 4697720 | 1,4-Difluorobenzene | 9.077 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 2-methyl-        | 114 | C8H18   | 000592-27-8 | 94   |
| 2    |    |   | Hexane, 2,5-dimethyl-     | 114 | C8H18   | 000592-13-2 | 80   |
| 3    |    |   | Heptane, 2,3,6-trimethyl- | 142 | C10H22  | 004032-93-3 | 47   |
| 4    |    |   | Heptane, 3-ethyl-         | 128 | C9H20   | 015869-80-4 | 38   |
| 5    |    |   | Hexane, 2,4,4-trimethyl-  | 128 | C9H20   | 016747-30-1 | 32   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
Data File : VN088477.D  
Acq On : 09 Dec 2025 14:05  
Operator : JC\MD  
Sample : Q3784-03 20X  
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

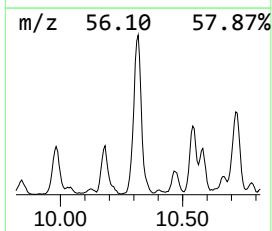
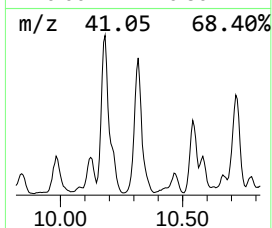
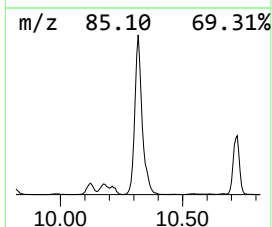
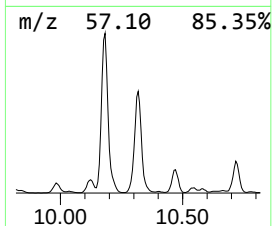
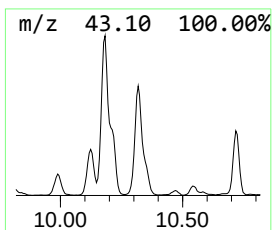
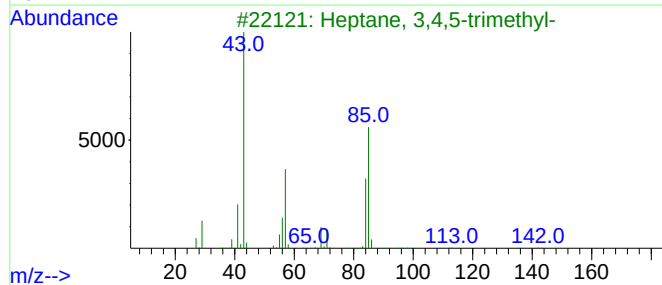
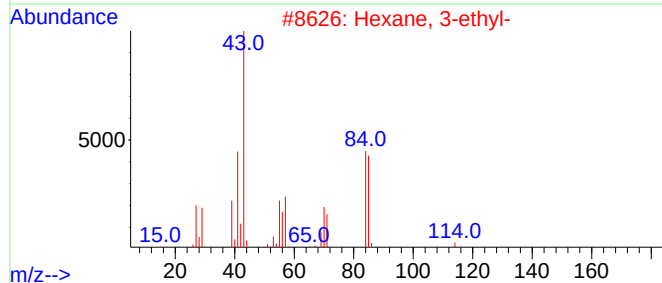
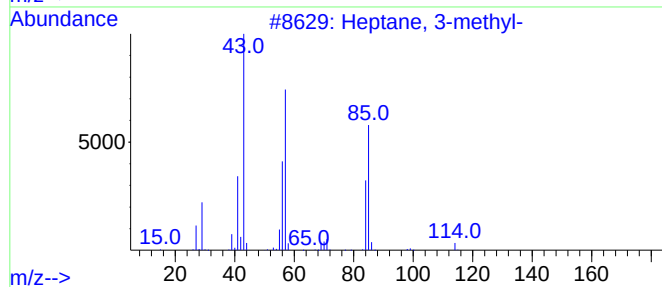
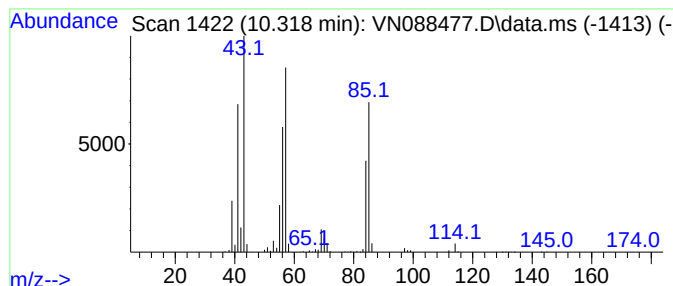
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Heptane, 3-methyl- Concentration Rank 4

| R.T.   | EstConc    | Area    | Relative to ISTD    | R.T.  |
|--------|------------|---------|---------------------|-------|
| 10.318 | 90.43 ug/l | 3556950 | 1,4-Difluorobenzene | 9.077 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 3-methyl-        | 114 | C8H18   | 000589-81-1 | 91   |
| 2    |    |   | Hexane, 3-ethyl-          | 114 | C8H18   | 000619-99-8 | 64   |
| 3    |    |   | Heptane, 3,4,5-trimethyl- | 142 | C10H22  | 020278-89-1 | 59   |
| 4    |    |   | Hexane, 2,4-dimethyl-     | 114 | C8H18   | 000589-43-5 | 58   |
| 5    |    |   | Butane, 2,2,3-trimethyl-  | 100 | C7H16   | 000464-06-2 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
Data File : VN088477.D  
Acq On : 09 Dec 2025 14:05  
Operator : JC\MD  
Sample : Q3784-03 20X  
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260

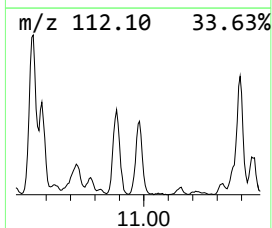
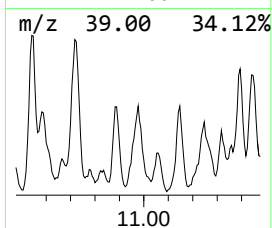
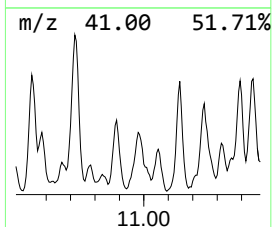
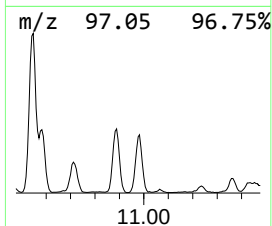
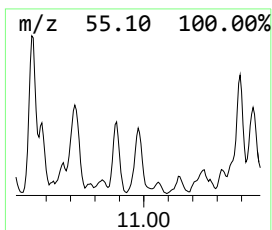
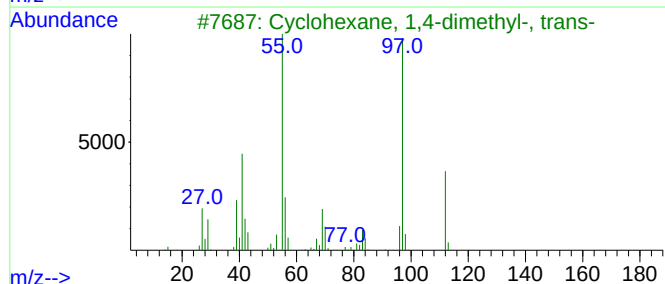
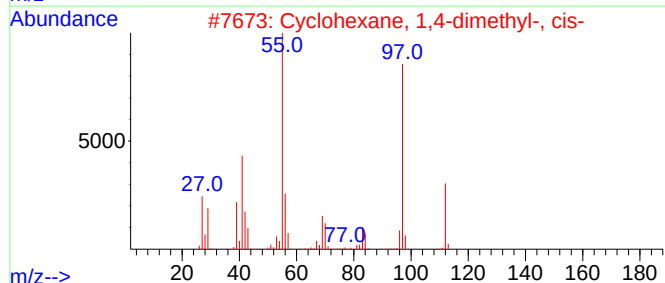
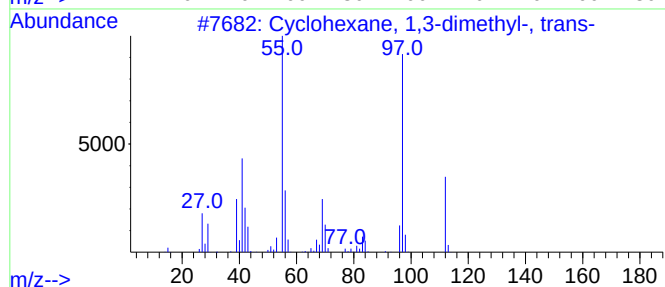
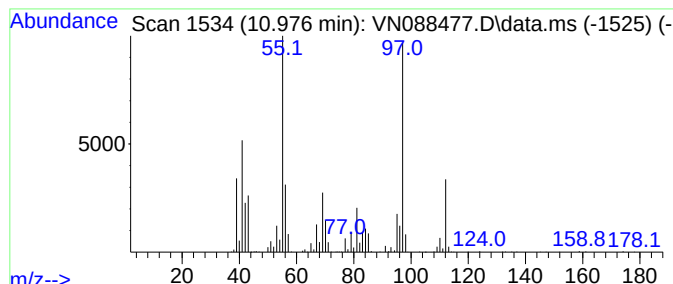
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 13

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 10.977 | 50.11 ug/l | 1883740 | Chlorobenzene-d5 | 11.841 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1,3-dimethyl-, trans- | 112 | C8H16   | 002207-03-6 | 94   |
| 2    |    |   | Cyclohexane, 1,4-dimethyl-, cis-   | 112 | C8H16   | 000624-29-3 | 93   |
| 3    |    |   | Cyclohexane, 1,4-dimethyl-, trans- | 112 | C8H16   | 002207-04-7 | 93   |
| 4    |    |   | Cyclohexane, 1,4-dimethyl-         | 112 | C8H16   | 000589-90-2 | 90   |
| 5    |    |   | Cyclohexane, 1,3-dimethyl-, cis-   | 112 | C8H16   | 000638-04-0 | 87   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
Data File : VN088477.D  
Acq On : 09 Dec 2025 14:05  
Operator : JC\MD  
Sample : Q3784-03 20X  
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260

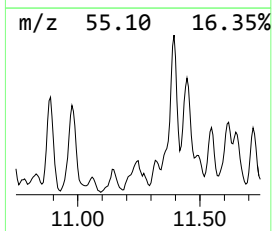
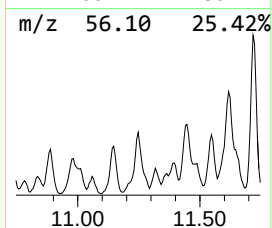
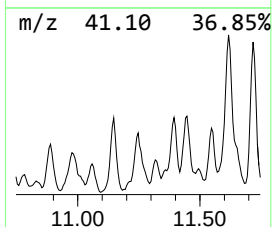
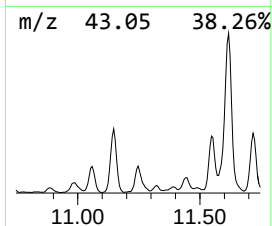
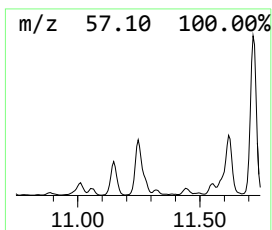
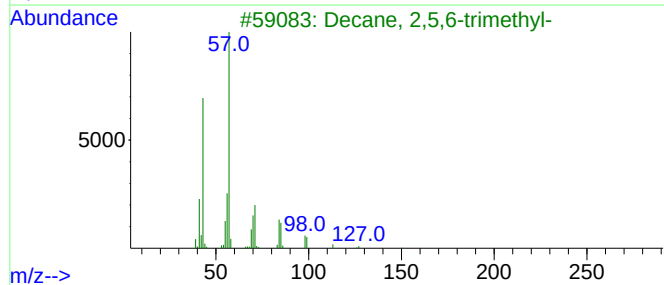
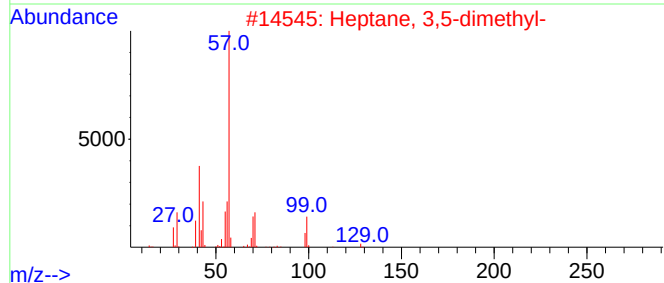
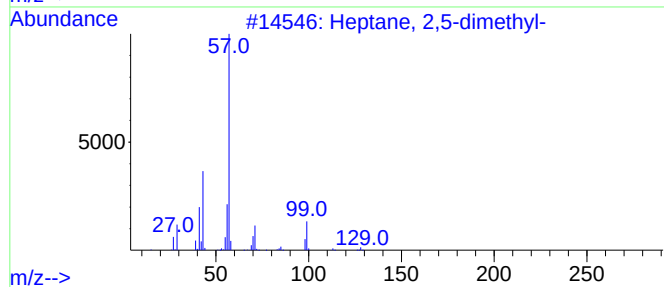
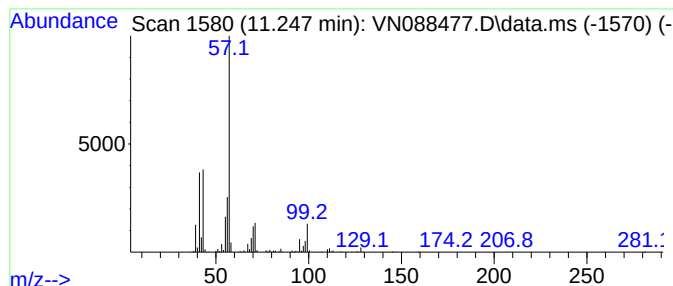
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Heptane, 2,5-dimethyl- Concentration Rank 12

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 11.247 | 51.52 ug/l | 1936650 | Chlorobenzene-d5 | 11.841 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Heptane, 2,5-dimethyl-   | 128 | C9H20   | 002216-30-0 | 87   |
| 2    |    |   | Heptane, 3,5-dimethyl-   | 128 | C9H20   | 000926-82-9 | 76   |
| 3    |    |   | Decane, 2,5,6-trimethyl- | 184 | C13H28  | 062108-23-0 | 64   |
| 4    |    |   | Octane, 3-methyl-        | 128 | C9H20   | 002216-33-3 | 64   |
| 5    |    |   | Decane, 2,5-dimethyl-    | 170 | C12H26  | 017312-50-4 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
Data File : VN088477.D  
Acq On : 09 Dec 2025 14:05  
Operator : JC\MD  
Sample : Q3784-03 20X  
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

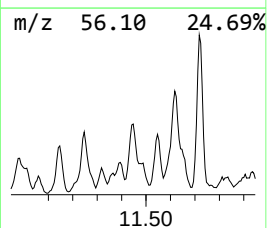
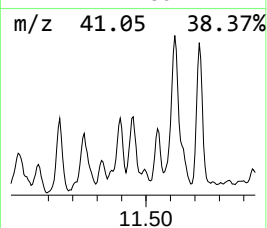
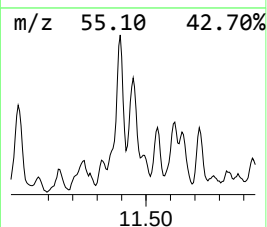
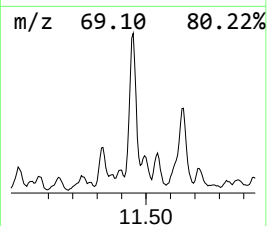
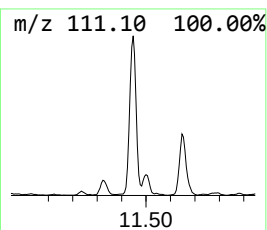
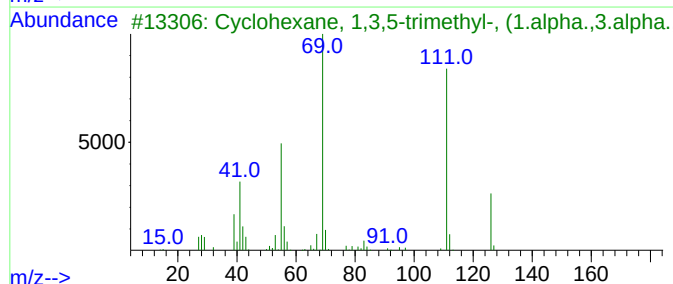
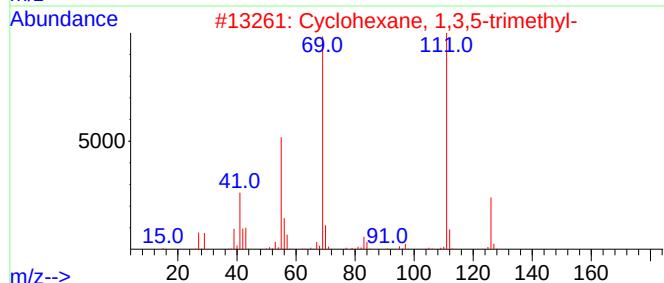
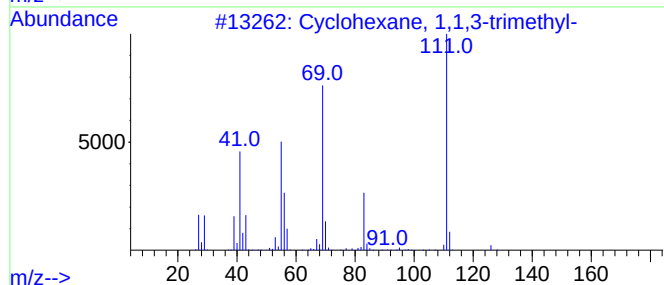
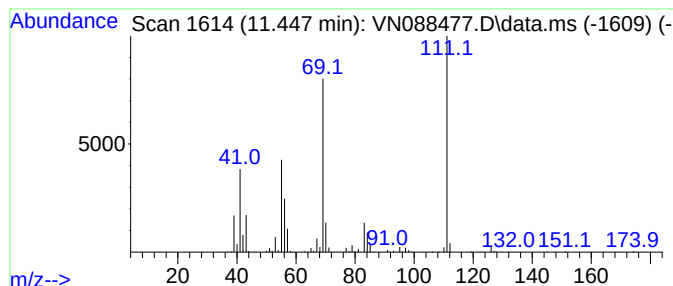
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Quant Title : SW846 8260

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

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Peak Number 7 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 11

| R.T.      | EstConc                              | Area    | Relative to ISTD |         | R.T.        |      |
|-----------|--------------------------------------|---------|------------------|---------|-------------|------|
| 11.447    | 52.26 ug/l                           | 1964480 | Chlorobenzene-d5 |         | 11.841      |      |
| Hit# of 5 | Tentative ID                         |         | MW               | MolForm | CAS#        | Qual |
| 1         | Cyclohexane, 1,1,3-trimethyl-        |         | 126              | C9H18   | 003073-66-3 | 87   |
| 2         | Cyclohexane, 1,3,5-trimethyl-        |         | 126              | C9H18   | 001839-63-0 | 64   |
| 3         | Cyclohexane, 1,3,5-trimethyl-, (...) |         | 126              | C9H18   | 001795-27-3 | 64   |
| 4         | Cyclohexane, 1,3,5-trimethyl-, (...) |         | 126              | C9H18   | 001795-26-2 | 53   |
| 5         | 3-Hexene, 2,5-dimethyl-              |         | 112              | C8H16   | 015910-22-2 | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
Data File : VN088477.D  
Acq On : 09 Dec 2025 14:05  
Operator : JC\MD  
Sample : Q3784-03 20X  
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

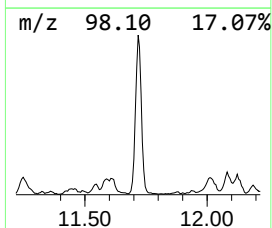
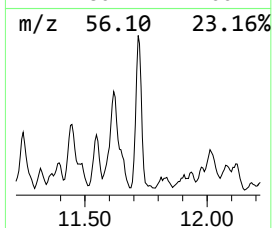
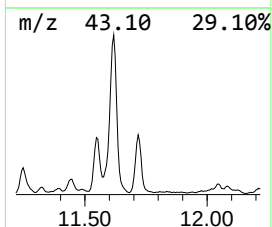
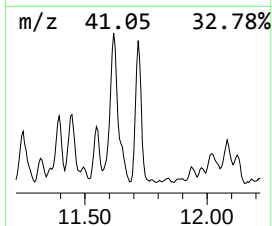
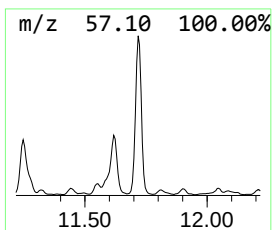
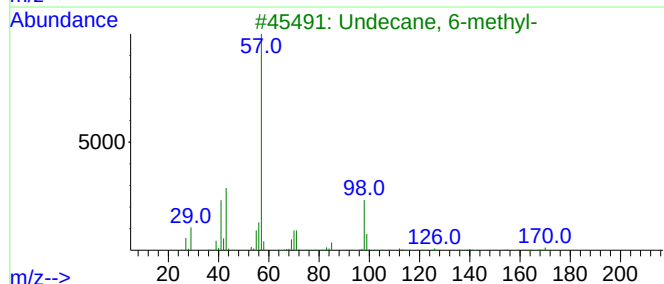
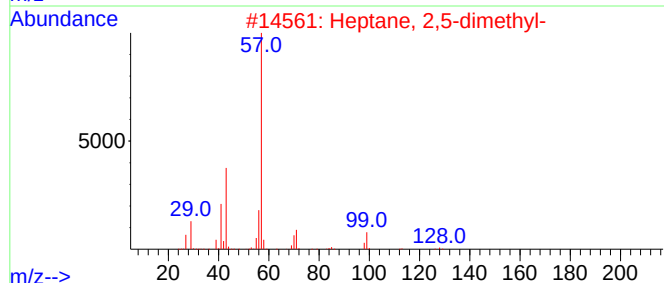
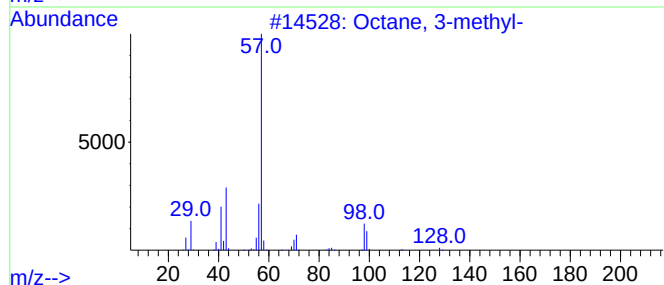
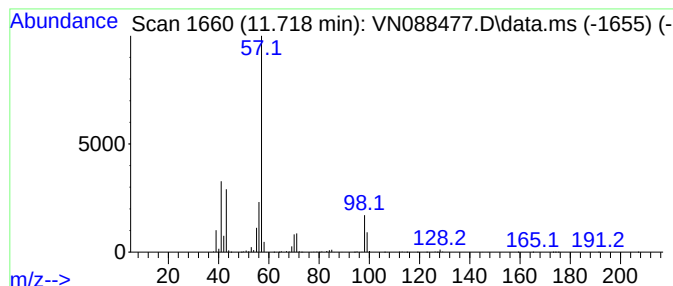
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Quant Title : SW846 8260

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

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Peak Number 9 Octane, 3-methyl- Concentration Rank 5

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 11.718 | 72.69 ug/l | 2732650 | Chlorobenzene-d5 | 11.841 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Octane, 3-methyl-      | 128 | C9H20   | 002216-33-3 | 91   |
| 2    |    |   | Heptane, 2,5-dimethyl- | 128 | C9H20   | 002216-30-0 | 80   |
| 3    |    |   | Undecane, 6-methyl-    | 170 | C12H26  | 017302-33-9 | 64   |
| 4    |    |   | Heptane, 3,5-dimethyl- | 128 | C9H20   | 000926-82-9 | 58   |
| 5    |    |   | Heptane, 3-ethyl-      | 128 | C9H20   | 015869-80-4 | 47   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
Data File : VN088477.D  
Acq On : 09 Dec 2025 14:05  
Operator : JC\MD  
Sample : Q3784-03 20X  
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

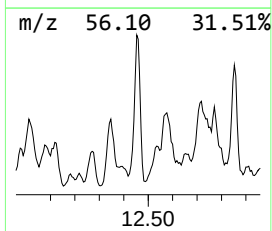
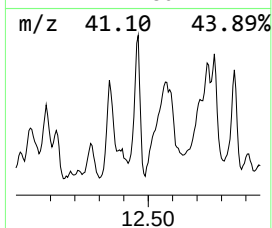
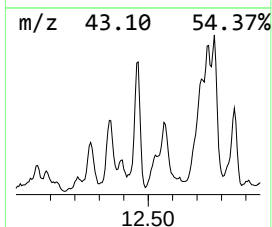
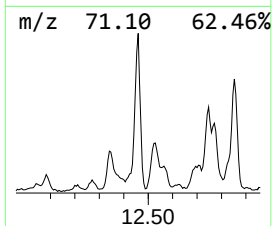
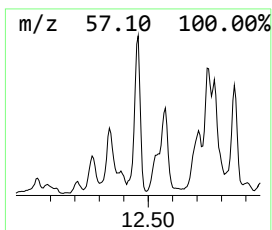
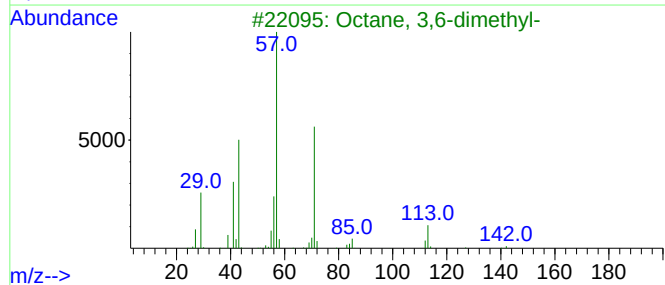
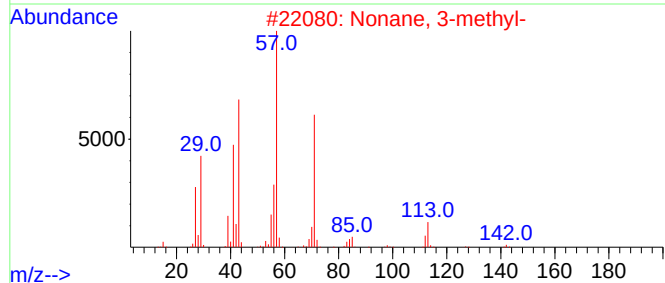
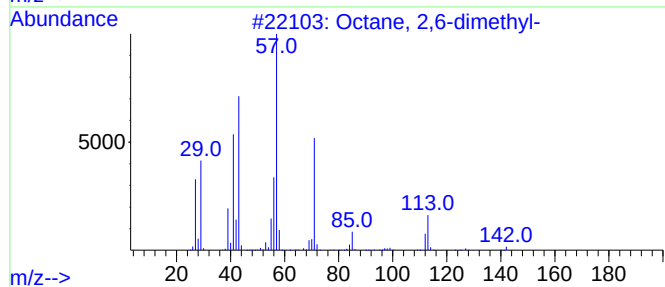
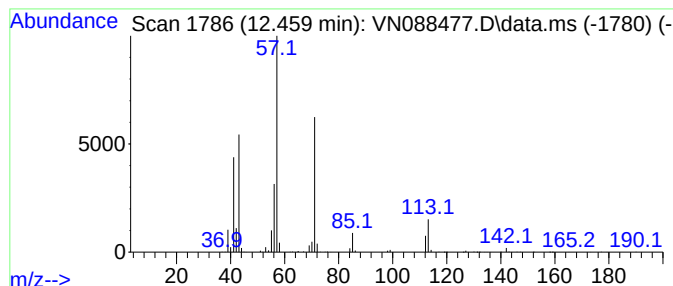
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Quant Title : SW846 8260

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

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Peak Number 11 Octane, 2,6-dimethyl- Concentration Rank 14

| R.T.   | EstConc    | Area    | Relative to ISTD | R.T.   |
|--------|------------|---------|------------------|--------|
| 12.459 | 48.29 ug/l | 1815150 | Chlorobenzene-d5 | 11.841 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Octane, 2,6-dimethyl-               | 142 | C10H22    | 002051-30-1  | 91   |
| 2    |    |   | Nonane, 3-methyl-                   | 142 | C10H22    | 005911-04-6  | 91   |
| 3    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 90   |
| 4    |    |   | Octane, 1,1'-oxybis-                | 242 | C16H34O   | 000629-82-3  | 78   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
Data File : VN088477.D  
Acq On : 09 Dec 2025 14:05  
Operator : JC\MD  
Sample : Q3784-03 20X  
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

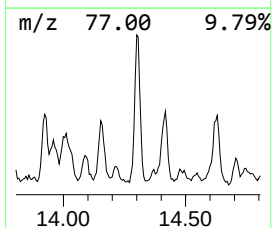
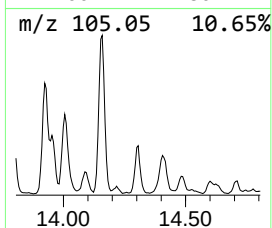
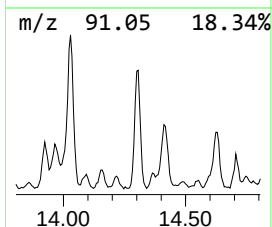
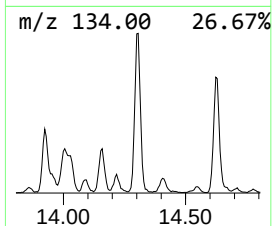
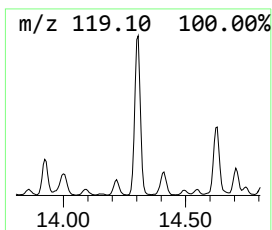
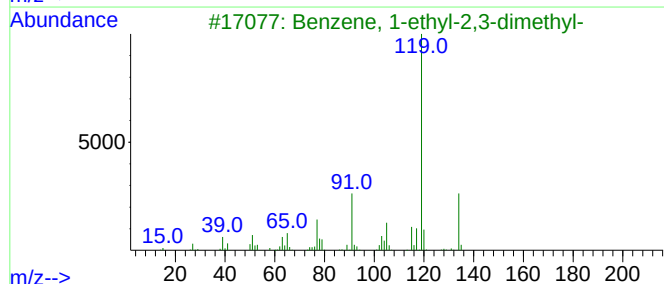
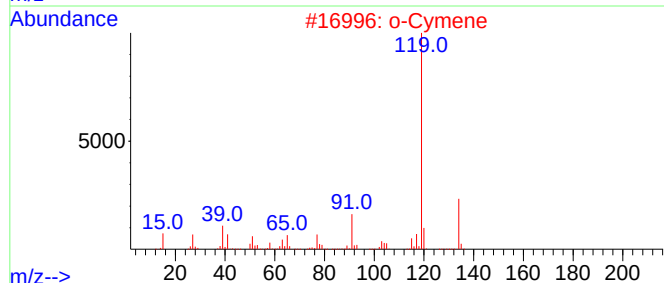
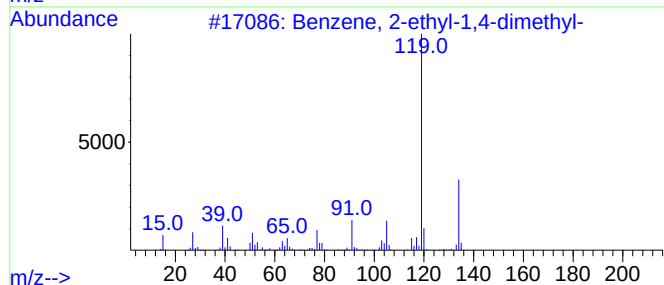
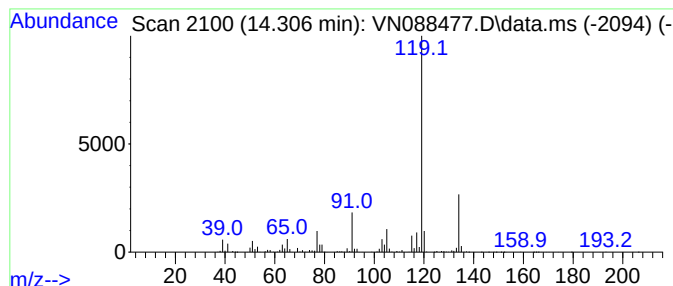
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Quant Title : SW846 8260

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

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Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 9

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 14.306 | 54.45 ug/l | 2093090 | 1,4-Dichlorobenzene-d4 | 13.765 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |
| 2    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 3    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 95   |
| 4    |    |   | p-Cymene                       | 134 | C10H14  | 000099-87-6 | 94   |
| 5    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
Data File : VN088477.D  
Acq On : 09 Dec 2025 14:05  
Operator : JC\MD  
Sample : Q3784-03 20X  
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

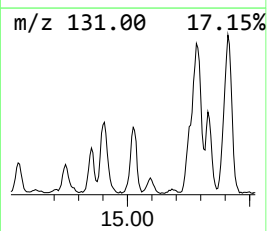
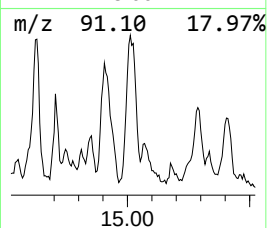
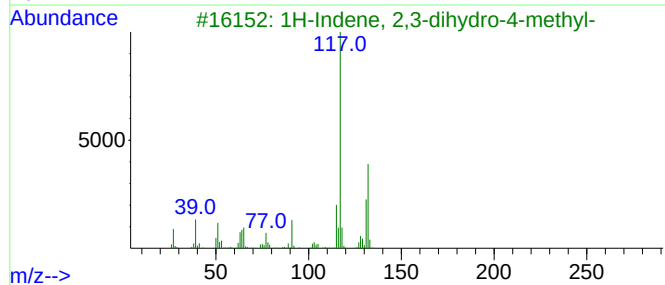
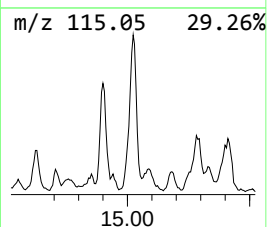
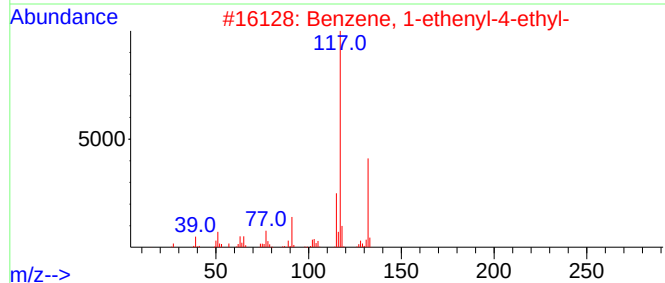
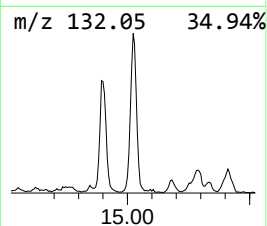
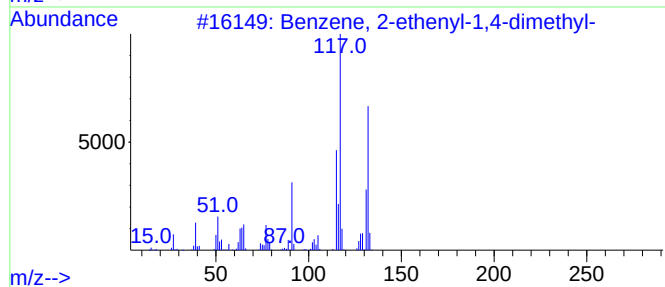
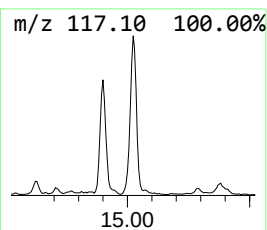
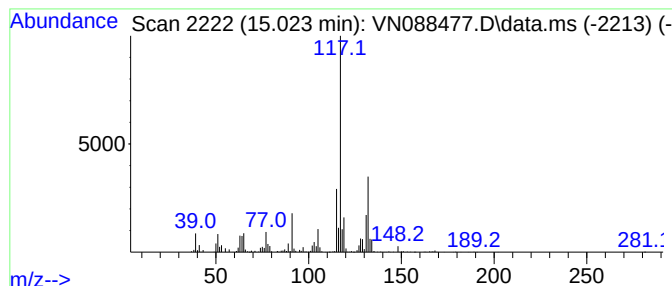
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.M  
Quant Title : SW846 8260

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

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Peak Number 15 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 15.023 | 63.38 ug/l | 2436460 | 1,4-Dichlorobenzene-d4 | 13.765 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 96   |
| 2    |    |   | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 94   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 93   |
| 4    |    |   | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 93   |
| 5    |    |   | 1-Phenyl-1-butene                | 132 | C10H12  | 000824-90-8 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN120925\  
Data File : VN088477.D  
Acq On : 09 Dec 2025 14:05  
Operator : JC\MD  
Sample : Q3784-03 20X  
Misc : 7.03g/10mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB3A

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N112425W.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 |
| Heptane            | 8.947  | 64.8    | ug/l  | 2547970  | 2                     | 9.077  | 1966770 | 50.0 |
| Heptane, 2-methyl- | 10.182 | 119.4   | ug/l  | 4697720  | 2                     | 9.077  | 1966770 | 50.0 |
| Heptane, 3-methyl- | 10.318 | 90.4    | ug/l  | 3556950  | 2                     | 9.077  | 1966770 | 50.0 |
| Cyclohexane, 1,... | 10.977 | 50.1    | ug/l  | 1883740  | 3                     | 11.841 | 1879570 | 50.0 |
| Heptane, 2,5-di... | 11.247 | 51.5    | ug/l  | 1936650  | 3                     | 11.841 | 1879570 | 50.0 |
| Cyclohexane, 1,... | 11.447 | 52.3    | ug/l  | 1964480  | 3                     | 11.841 | 1879570 | 50.0 |
| Octane, 3-methyl-  | 11.718 | 72.7    | ug/l  | 2732650  | 3                     | 11.841 | 1879570 | 50.0 |
| Octane, 2,6-dim... | 12.459 | 48.3    | ug/l  | 1815150  | 3                     | 11.841 | 1879570 | 50.0 |
| Benzene, 2-ethy... | 14.306 | 54.5    | ug/l  | 2093090  | 4                     | 13.765 | 1921970 | 50.0 |
| Benzene, 2-ethe... | 15.023 | 63.4    | ug/l  | 2436460  | 4                     | 13.765 | 1921970 | 50.0 |