

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
 Data File : VX039949.D  
 Acq On : 25 Jan 2024 13:24  
 Operator : JC/MD  
 Sample : P1235-08  
 Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1101

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\_X\Method\82X011024W.M  
 Title : SW846 8260

Signal : TIC: VX039949.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         | 1.587       | 68            | 82          | 83           | rBV6     | 8046           | 25303         | 4.60%           | 0.198%        |
| 2         | 5.385       | 694           | 705         | 714          | rBV2     | 47637          | 147826        | 26.85%          | 1.158%        |
| 3         | 5.483       | 714           | 721         | 723          | rVV3     | 22459          | 54152         | 9.84%           | 0.424%        |
| 4         | 5.537       | 723           | 730         | 751          | rVB      | 91448          | 303714        | 55.16%          | 2.378%        |
| 5         | 5.800       | 763           | 773         | 786          | rBV2     | 31683          | 92772         | 16.85%          | 0.727%        |
| 6         | 5.952       | 788           | 798         | 816          | rBV2     | 60455          | 175475        | 31.87%          | 1.374%        |
| 7         | 6.598       | 893           | 904         | 916          | rBV      | 17943          | 42735         | 7.76%           | 0.335%        |
| 8         | 6.757       | 920           | 930         | 947          | rBV      | 144083         | 361815        | 65.71%          | 2.834%        |
| 9         | 7.366       | 1021          | 1030        | 1039         | rVB4     | 12874          | 30836         | 5.60%           | 0.241%        |
| 10        | 8.592       | 1225          | 1231        | 1234         | rBV3     | 13151          | 23111         | 4.20%           | 0.181%        |
| 11        | 8.647       | 1234          | 1240        | 1246         | rVV      | 289373         | 472636        | 85.84%          | 3.701%        |
| 12        | 8.714       | 1246          | 1251        | 1258         | rVV      | 361247         | 550591        | 100.00%         | 4.312%        |
| 13        | 8.909       | 1278          | 1283        | 1288         | rVV      | 30381          | 45500         | 8.26%           | 0.356%        |
| 14        | 9.378       | 1354          | 1360        | 1369         | rBV2     | 13176          | 22616         | 4.11%           | 0.177%        |
| 15        | 9.506       | 1374          | 1381        | 1385         | rBV4     | 18979          | 40338         | 7.33%           | 0.316%        |
| 16        | 9.561       | 1385          | 1390        | 1394         | rVV      | 28062          | 42712         | 7.76%           | 0.334%        |
| 17        | 9.616       | 1394          | 1399        | 1403         | rVV      | 16855          | 27587         | 5.01%           | 0.216%        |
| 18        | 9.823       | 1427          | 1433        | 1438         | rBV3     | 20702          | 44716         | 8.12%           | 0.350%        |
| 19        | 9.896       | 1441          | 1445        | 1451         | rVB      | 46011          | 70437         | 12.79%          | 0.552%        |
| 20        | 10.006      | 1456          | 1463        | 1466         | rBV      | 48363          | 69437         | 12.61%          | 0.544%        |
| 21        | 10.055      | 1466          | 1471        | 1477         | rVV      | 299148         | 437457        | 79.45%          | 3.426%        |
| 22        | 10.195      | 1486          | 1494        | 1498         | rVV2     | 33985          | 67452         | 12.25%          | 0.528%        |
| 23        | 10.274      | 1501          | 1507        | 1508         | rVV      | 30962          | 54820         | 9.96%           | 0.429%        |
| 24        | 10.299      | 1508          | 1511        | 1517         | rVV2     | 96912          | 180938        | 32.86%          | 1.417%        |
| 25        | 10.360      | 1517          | 1521        | 1532         | rVB      | 183166         | 255511        | 46.41%          | 2.001%        |
| 26        | 10.585      | 1551          | 1558        | 1561         | rBV2     | 45748          | 77060         | 14.00%          | 0.603%        |
| 27        | 10.640      | 1561          | 1567        | 1570         | rVV      | 43418          | 66374         | 12.06%          | 0.520%        |
| 28        | 10.780      | 1582          | 1590        | 1594         | rBV2     | 72092          | 113243        | 20.57%          | 0.887%        |
| 29        | 10.854      | 1594          | 1602        | 1606         | rBV3     | 70182          | 127356        | 23.13%          | 0.997%        |
| 30        | 10.890      | 1606          | 1608        | 1613         | rVB      | 21671          | 29625         | 5.38%           | 0.232%        |
| 31        | 10.957      | 1613          | 1619        | 1623         | rBV4     | 16307          | 33124         | 6.02%           | 0.259%        |
| 32        | 11.085      | 1634          | 1640        | 1650         | rVB2     | 315376         | 527421        | 95.79%          | 4.130%        |
| 33        | 11.189      | 1650          | 1657        | 1660         | rBV2     | 70513          | 102202        | 18.56%          | 0.800%        |
| 34        | 11.305      | 1673          | 1676        | 1679         | rBV      | 35417          | 46858         | 8.51%           | 0.367%        |
| 35        | 11.378      | 1684          | 1688        | 1694         | rVV      | 116851         | 207125        | 37.62%          | 1.622%        |
| 36        | 11.433      | 1694          | 1697        | 1698         | rVV      | 63602          | 77433         | 14.06%          | 0.606%        |

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ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1101

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

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Min Area: 3 % of largest Peak

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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\82X011024W.M  
Title : SW846 8260

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 11.451 | 1698 | 1700 | 1701 | rVV  | 60614  | 62247  | 11.31% | 0.487% |
| 38 | 11.475 | 1701 | 1704 | 1710 | rVB  | 331262 | 394795 | 71.70% | 3.092% |
| 39 | 11.616 | 1722 | 1727 | 1734 | rVB2 | 81335  | 148225 | 26.92% | 1.161% |
| 40 | 11.683 | 1734 | 1738 | 1740 | rBV2 | 25610  | 29955  | 5.44%  | 0.235% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 41 | 11.713 | 1740 | 1743 | 1746 | rBV  | 72005  | 81390  | 14.78% | 0.637% |
| 42 | 11.750 | 1746 | 1749 | 1759 | rVB  | 177425 | 279309 | 50.73% | 2.187% |
| 43 | 11.835 | 1759 | 1763 | 1765 | rBV3 | 27278  | 35605  | 6.47%  | 0.279% |
| 44 | 11.890 | 1765 | 1772 | 1776 | rVB3 | 51006  | 83562  | 15.18% | 0.654% |
| 45 | 11.945 | 1776 | 1781 | 1783 | rBV  | 71574  | 88234  | 16.03% | 0.691% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 46 | 11.969 | 1783 | 1785 | 1789 | rVB3 | 30958  | 33983  | 6.17%  | 0.266% |
| 47 | 12.024 | 1789 | 1794 | 1799 | rBV  | 367039 | 513532 | 93.27% | 4.022% |
| 48 | 12.097 | 1799 | 1806 | 1810 | rBV3 | 73671  | 156322 | 28.39% | 1.224% |
| 49 | 12.170 | 1815 | 1818 | 1825 | rVB2 | 62360  | 98748  | 17.93% | 0.773% |
| 50 | 12.244 | 1825 | 1830 | 1832 | rBV2 | 70301  | 101482 | 18.43% | 0.795% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 51 | 12.268 | 1832 | 1834 | 1837 | rVB  | 65825  | 67404  | 12.24% | 0.528% |
| 52 | 12.311 | 1837 | 1841 | 1848 | rVB3 | 122585 | 240705 | 43.72% | 1.885% |
| 53 | 12.420 | 1848 | 1859 | 1863 | rBV  | 371836 | 489916 | 88.98% | 3.837% |
| 54 | 12.463 | 1863 | 1866 | 1872 | rVB2 | 67483  | 104019 | 18.89% | 0.815% |
| 55 | 12.530 | 1872 | 1877 | 1879 | rBV2 | 53394  | 76101  | 13.82% | 0.596% |

|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 56 | 12.555 | 1879 | 1881 | 1883 | rVB2 | 28652 | 24660  | 4.48%  | 0.193% |
| 57 | 12.615 | 1888 | 1891 | 1893 | rVB  | 29381 | 29492  | 5.36%  | 0.231% |
| 58 | 12.640 | 1893 | 1895 | 1899 | rVB4 | 23917 | 28697  | 5.21%  | 0.225% |
| 59 | 12.695 | 1899 | 1904 | 1906 | rBV2 | 38696 | 71688  | 13.02% | 0.561% |
| 60 | 12.817 | 1919 | 1924 | 1931 | rVB4 | 87049 | 128982 | 23.43% | 1.010% |

|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 61 | 12.884 | 1931 | 1935 | 1943 | rBV5 | 72789 | 188121 | 34.17% | 1.473% |
| 62 | 12.975 | 1946 | 1950 | 1955 | rVB3 | 75918 | 131748 | 23.93% | 1.032% |
| 63 | 13.042 | 1955 | 1961 | 1964 | rBV3 | 71716 | 98373  | 17.87% | 0.770% |
| 64 | 13.164 | 1974 | 1981 | 1986 | rBV5 | 70079 | 128947 | 23.42% | 1.010% |
| 65 | 13.213 | 1986 | 1989 | 1992 | rVV2 | 43676 | 55705  | 10.12% | 0.436% |

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 66 | 13.268 | 1993 | 1998 | 2000 | rVV  | 232147 | 304915 | 55.38% | 2.388% |
| 67 | 13.292 | 2000 | 2002 | 2007 | rVV2 | 182026 | 222786 | 40.46% | 1.745% |
| 68 | 13.335 | 2007 | 2009 | 2013 | rVV3 | 21841  | 31484  | 5.72%  | 0.247% |
| 69 | 13.384 | 2014 | 2017 | 2019 | rVV2 | 33722  | 45085  | 8.19%  | 0.353% |
| 70 | 13.420 | 2019 | 2023 | 2032 | rVB3 | 125081 | 241992 | 43.95% | 1.895% |

|    |        |      |      |      |      |       |       |        |        |
|----|--------|------|------|------|------|-------|-------|--------|--------|
| 71 | 13.499 | 2032 | 2036 | 2040 | rBV3 | 39520 | 62437 | 11.34% | 0.489% |
| 72 | 13.542 | 2040 | 2043 | 2046 | rBV2 | 20818 | 27660 | 5.02%  | 0.217% |
| 73 | 13.585 | 2046 | 2050 | 2054 | rBV4 | 45707 | 66820 | 12.14% | 0.523% |
| 74 | 13.676 | 2060 | 2065 | 2067 | rBV4 | 36503 | 63176 | 11.47% | 0.495% |
| 75 | 13.731 | 2071 | 2074 | 2078 | rVV5 | 60112 | 94896 | 17.24% | 0.743% |

|    |        |      |      |      |      |       |       |       |        |
|----|--------|------|------|------|------|-------|-------|-------|--------|
| 76 | 13.768 | 2078 | 2080 | 2082 | rVV3 | 30299 | 26772 | 4.86% | 0.210% |
|----|--------|------|------|------|------|-------|-------|-------|--------|

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 1101

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\_X\Method\82X011024W.M  
 Title : SW846 8260

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.798 | 2082 | 2085 | 2088 | rVV3 | 48317  | 52051  | 9.45%  | 0.408% |
| 78  | 13.847 | 2088 | 2093 | 2099 | rVB6 | 81970  | 160241 | 29.10% | 1.255% |
| 79  | 13.926 | 2100 | 2106 | 2111 | rBV9 | 58028  | 136418 | 24.78% | 1.068% |
| 80  | 14.036 | 2121 | 2124 | 2127 | rVV  | 136765 | 132843 | 24.13% | 1.040% |
| 81  | 14.073 | 2127 | 2130 | 2133 | rVB4 | 45142  | 46933  | 8.52%  | 0.368% |
| 82  | 14.164 | 2142 | 2145 | 2149 | rBV4 | 30042  | 37206  | 6.76%  | 0.291% |
| 83  | 14.225 | 2150 | 2155 | 2160 | rVB3 | 145149 | 242171 | 43.98% | 1.897% |
| 84  | 14.371 | 2177 | 2179 | 2182 | rVB  | 40362  | 39219  | 7.12%  | 0.307% |
| 85  | 14.481 | 2193 | 2197 | 2205 | rBV5 | 98969  | 231924 | 42.12% | 1.816% |
| 86  | 14.554 | 2206 | 2209 | 2210 | rBV3 | 32033  | 38993  | 7.08%  | 0.305% |
| 87  | 14.615 | 2215 | 2219 | 2225 | rVV2 | 166040 | 242031 | 43.96% | 1.895% |
| 88  | 14.670 | 2225 | 2228 | 2233 | rVB2 | 67495  | 89259  | 16.21% | 0.699% |
| 89  | 14.725 | 2234 | 2237 | 2239 | rBV4 | 35755  | 45773  | 8.31%  | 0.358% |
| 90  | 14.755 | 2239 | 2242 | 2245 | rVV  | 150115 | 152198 | 27.64% | 1.192% |
| 91  | 14.792 | 2245 | 2248 | 2250 | rVV3 | 33853  | 41941  | 7.62%  | 0.328% |
| 92  | 14.847 | 2254 | 2257 | 2260 | rVB3 | 55751  | 63252  | 11.49% | 0.495% |
| 93  | 15.182 | 2306 | 2312 | 2320 | rBV2 | 156317 | 345636 | 62.78% | 2.707% |
| 94  | 15.280 | 2325 | 2328 | 2331 | rVB4 | 38673  | 50259  | 9.13%  | 0.394% |
| 95  | 15.377 | 2340 | 2344 | 2347 | rBV4 | 43279  | 62487  | 11.35% | 0.489% |
| 96  | 15.487 | 2357 | 2362 | 2366 | rBV3 | 84351  | 148312 | 26.94% | 1.161% |
| 97  | 15.560 | 2372 | 2374 | 2378 | rVB2 | 65639  | 75278  | 13.67% | 0.590% |
| 98  | 15.609 | 2378 | 2382 | 2386 | rBV2 | 42009  | 61502  | 11.17% | 0.482% |
| 99  | 15.993 | 2441 | 2445 | 2448 | rBV5 | 17843  | 37816  | 6.87%  | 0.296% |
| 100 | 16.084 | 2457 | 2460 | 2465 | rBV5 | 15391  | 27129  | 4.93%  | 0.212% |

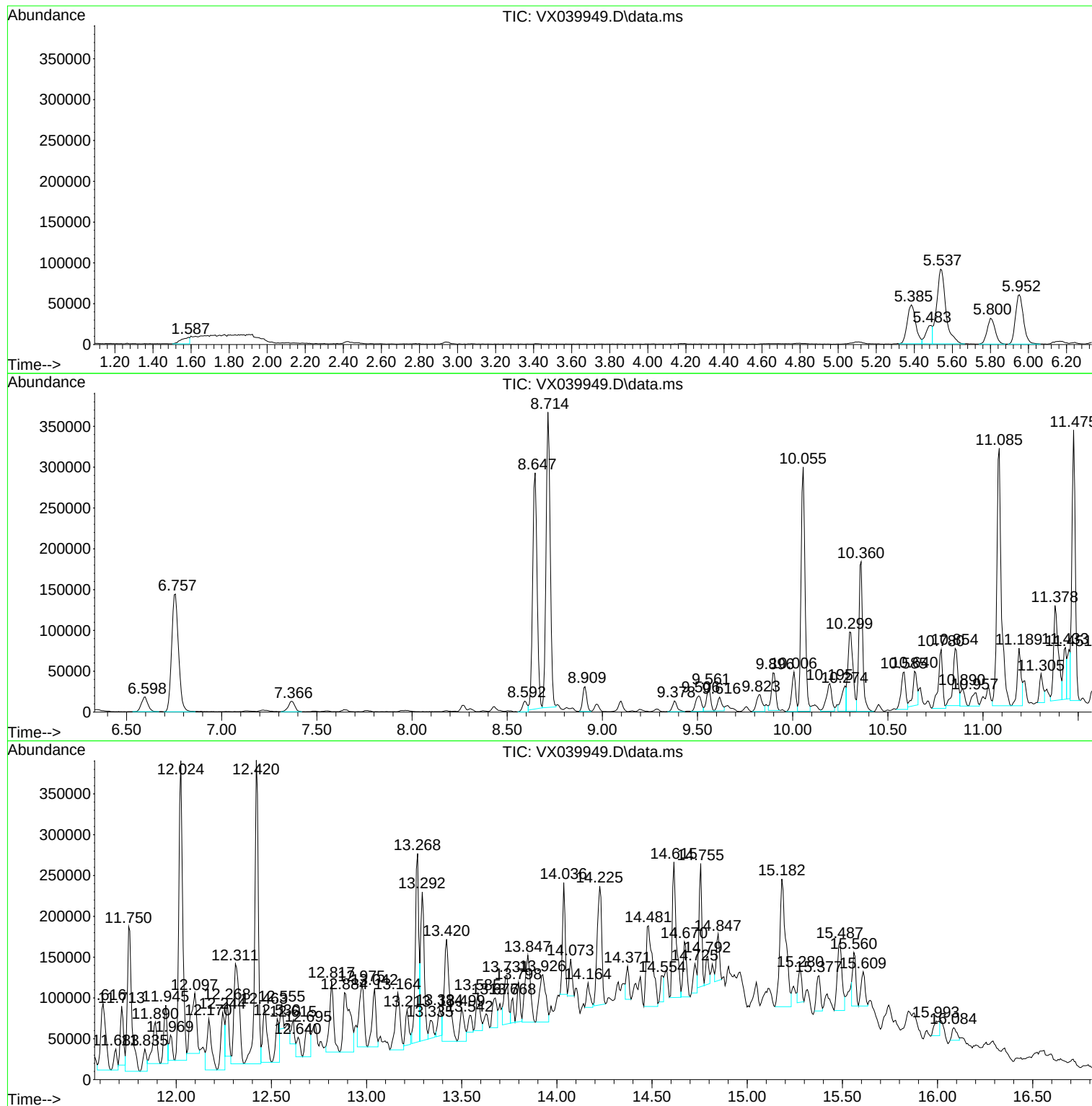
Sum of corrected areas: 12769150

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1101

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

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



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Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

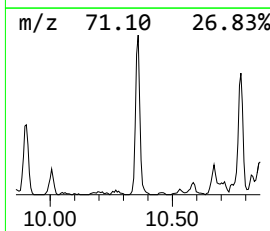
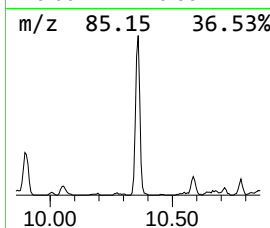
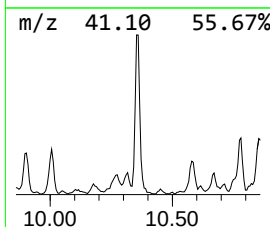
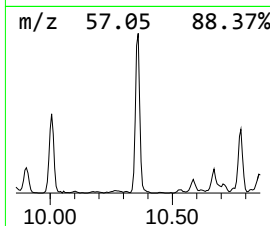
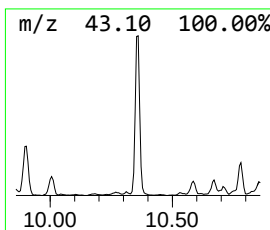
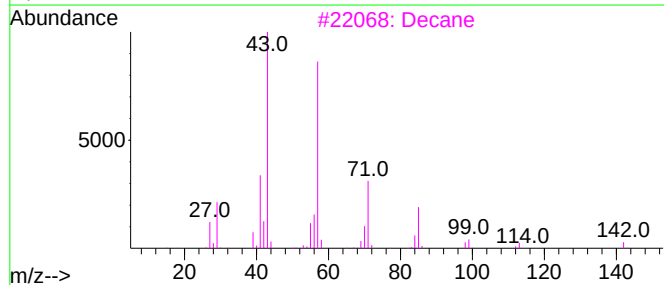
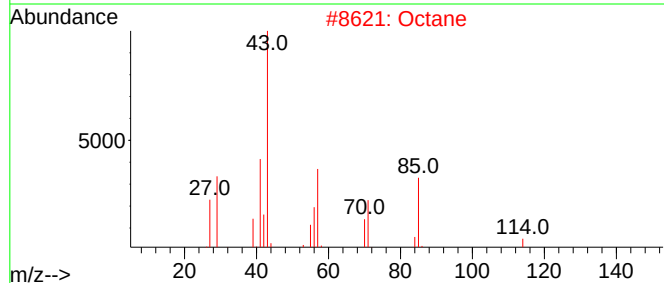
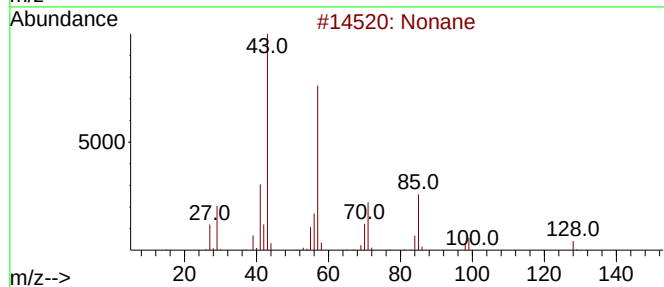
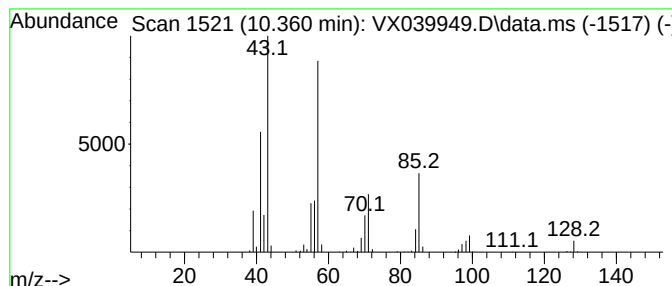
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Nonane Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD | R.T.   |
|--------|------------|--------|------------------|--------|
| 10.360 | 29.20 ug/l | 255511 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane                   | 128 | C9H20   | 000111-84-2 | 97   |
| 2    |    |   | Octane                   | 114 | C8H18   | 000111-65-9 | 64   |
| 3    |    |   | Decane                   | 142 | C10H22  | 000124-18-5 | 59   |
| 4    |    |   | Hexane, 2,4-dimethyl-    | 114 | C8H18   | 000589-43-5 | 53   |
| 5    |    |   | Decane, 2,6,6-trimethyl- | 184 | C13H28  | 062108-24-1 | 47   |



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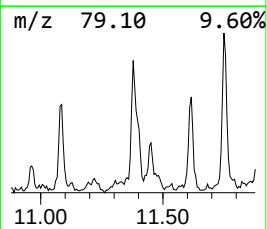
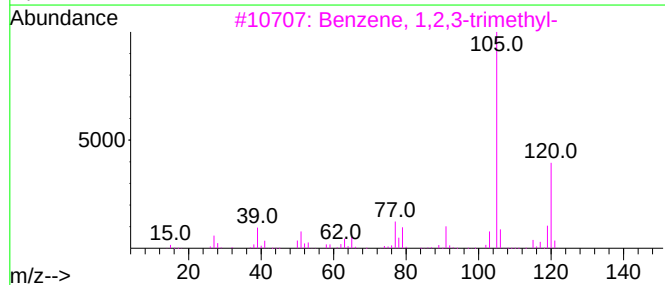
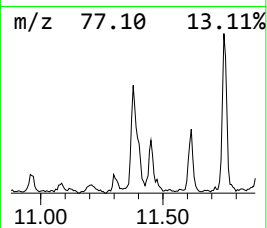
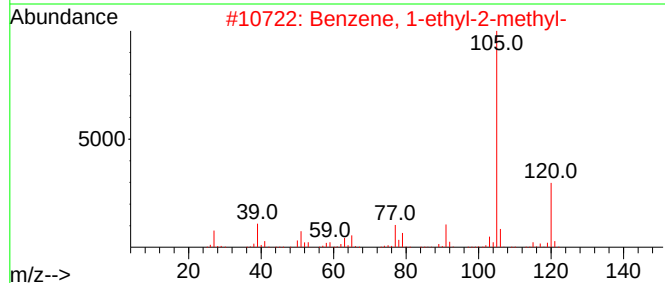
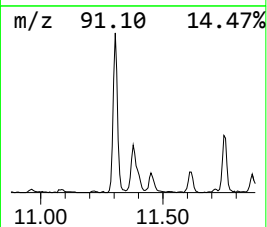
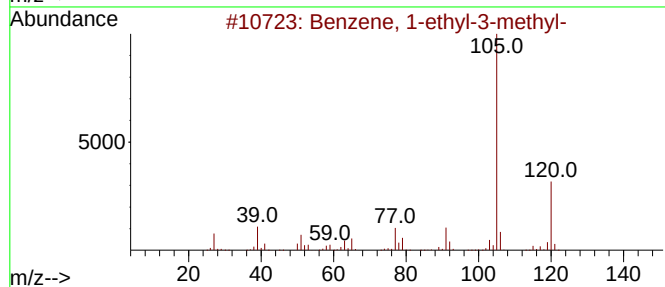
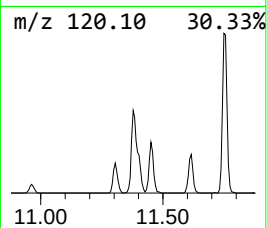
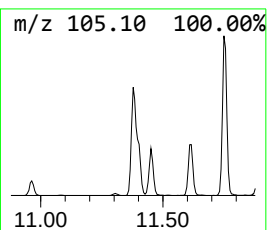
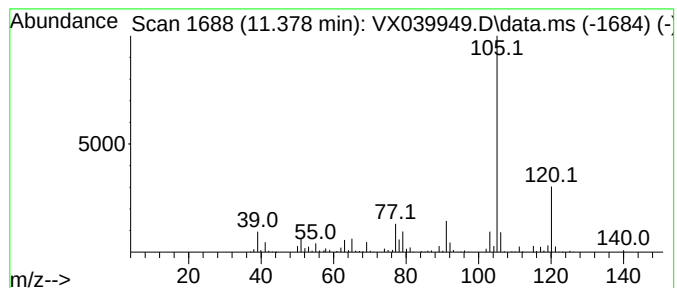
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.378 | 20.17 ug/l | 207125 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
Data File : VX039949.D  
Acq On : 25 Jan 2024 13:24  
Operator : JC/MD  
Sample : P1235-08  
Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1101

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

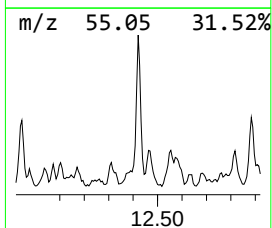
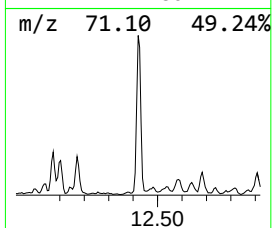
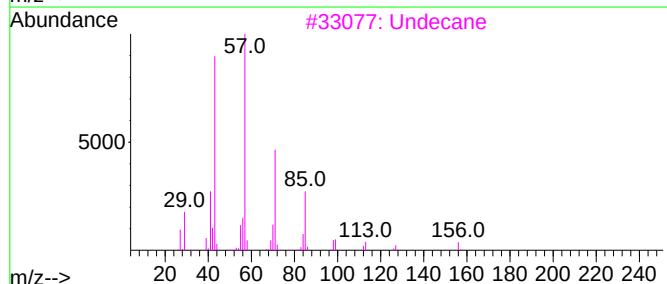
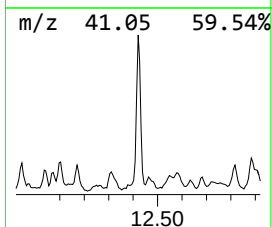
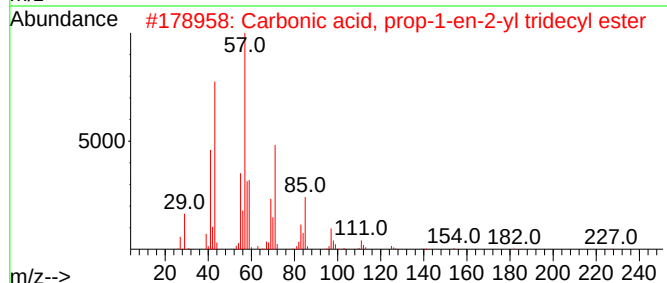
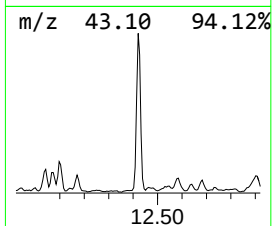
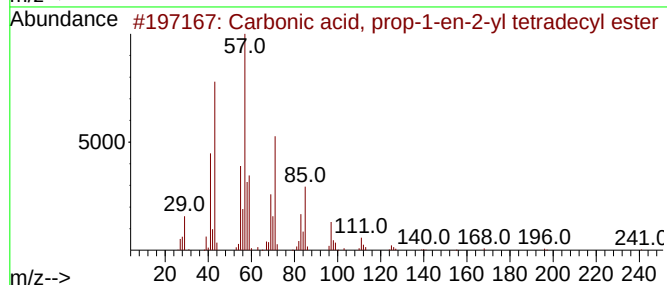
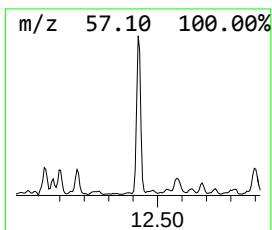
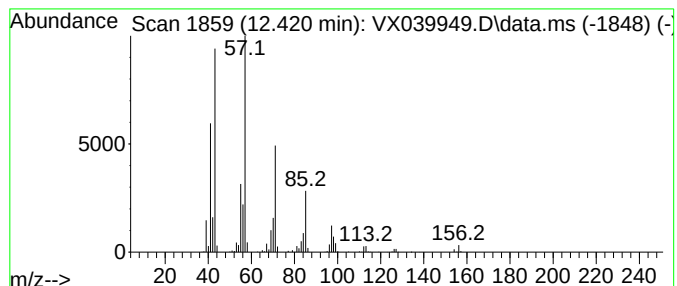
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TIC Integration Parameters: LSCINT.P

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Peak Number 3 Carbonic acid, prop-1-en-2-... Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.420 | 47.70 ug/l | 489916 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Carbonic acid, prop-1-en-2-yl te... | 298 | C18H34O3 | 1000382-90-9 | 91   |
| 2    |    |   | Carbonic acid, prop-1-en-2-yl tr... | 284 | C17H32O3 | 1000382-90-8 | 90   |
| 3    |    |   | Undecane                            | 156 | C11H24   | 001120-21-4  | 80   |
| 4    |    |   | Tetracontane, 3,5,24-trimethyl-     | 605 | C43H88   | 055162-61-3  | 78   |
| 5    |    |   | Carbonic acid, hexadecyl prop-1-... | 326 | C20H38O3 | 1000382-90-3 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
Data File : VX039949.D  
Acq On : 25 Jan 2024 13:24  
Operator : JC/MD  
Sample : P1235-08  
Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1101

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

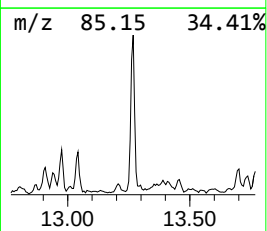
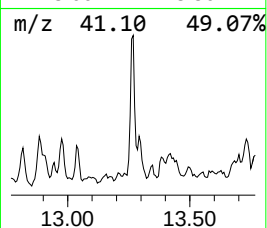
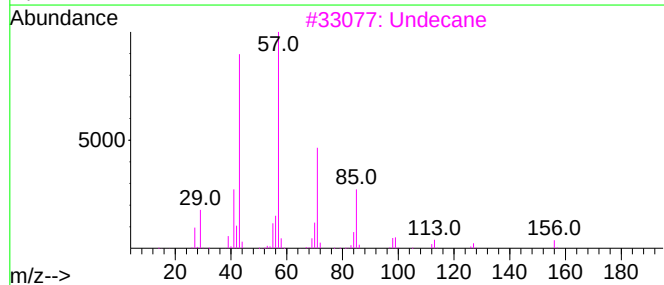
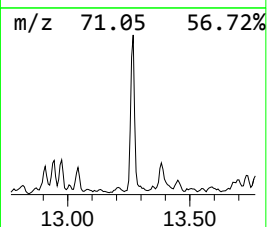
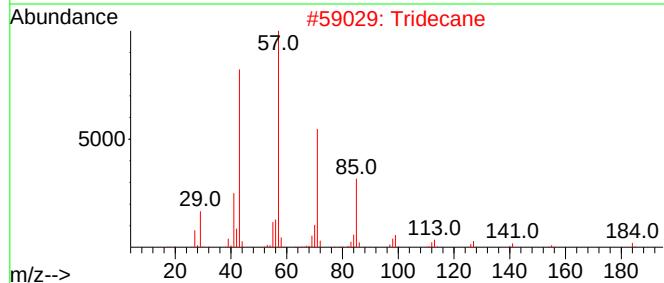
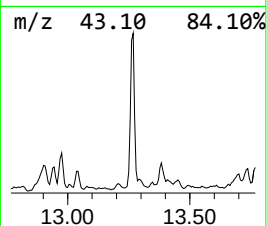
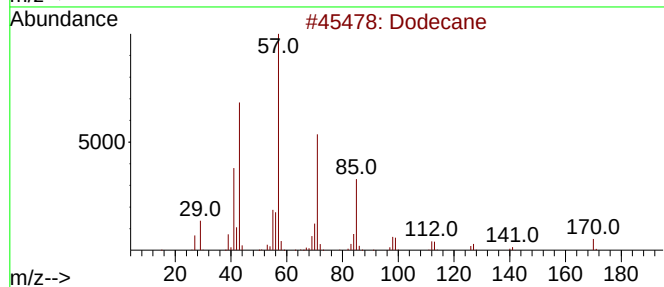
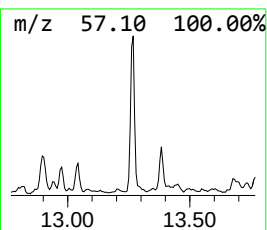
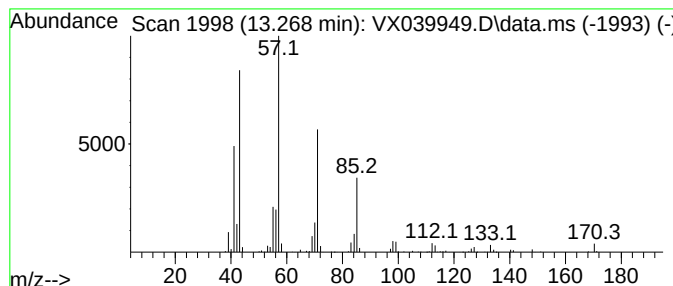
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Dodecane Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.268 | 29.69 ug/l | 304915 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane     | 170 | C12H26  | 000112-40-3 | 90   |
| 2    |    |   | Tridecane    | 184 | C13H28  | 000629-50-5 | 80   |
| 3    |    |   | Undecane     | 156 | C11H24  | 001120-21-4 | 78   |
| 4    |    |   | Decane       | 142 | C10H22  | 000124-18-5 | 64   |
| 5    |    |   | Hexadecane   | 226 | C16H34  | 000544-76-3 | 64   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
Data File : VX039949.D  
Acq On : 25 Jan 2024 13:24  
Operator : JC/MD  
Sample : P1235-08  
Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1101

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

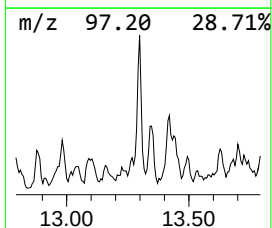
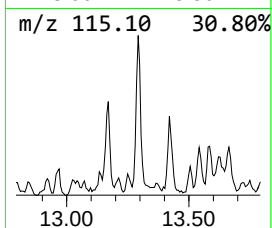
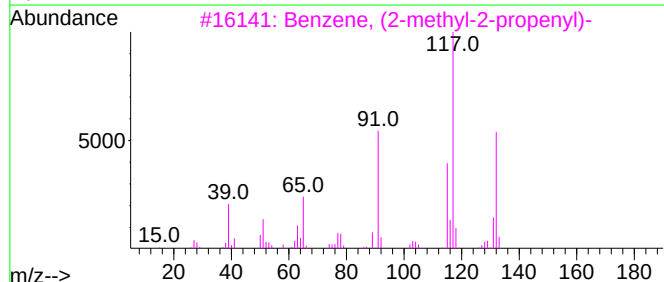
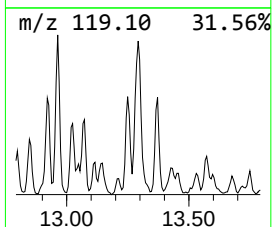
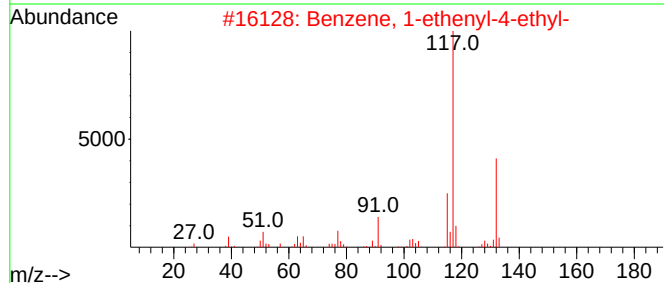
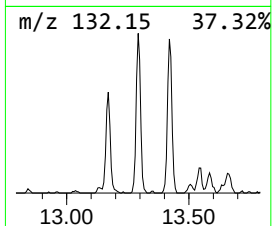
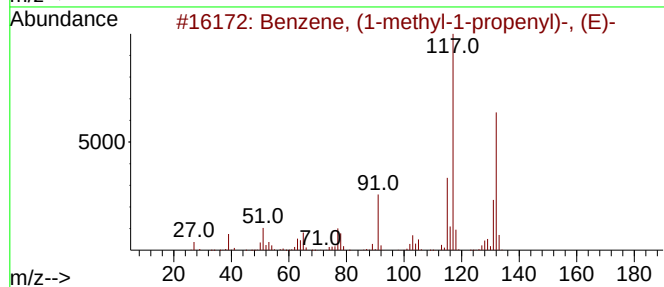
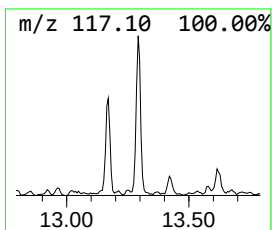
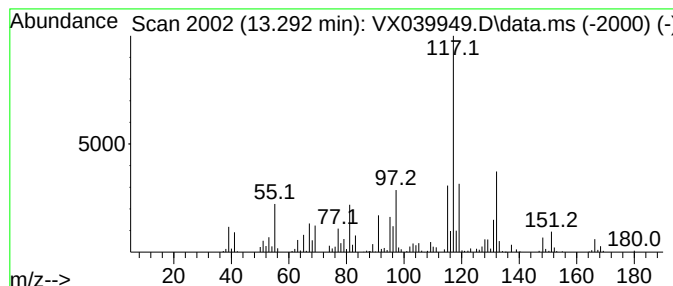
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, (1-methyl-1-propenyl)- Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.292 | 21.69 ug/l | 222786 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 86   |
| 2    |    |   | Benzene, 1-ethenyl-4-ethyl-         | 132 | C10H12  | 003454-07-7 | 83   |
| 3    |    |   | Benzene, (2-methyl-2-propenyl)-     | 132 | C10H12  | 003290-53-7 | 70   |
| 4    |    |   | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 70   |
| 5    |    |   | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000767-99-7 | 70   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
Data File : VX039949.D  
Acq On : 25 Jan 2024 13:24  
Operator : JC/MD  
Sample : P1235-08  
Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1101

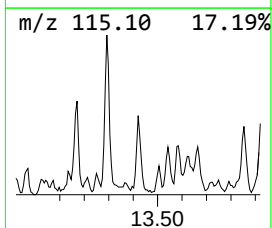
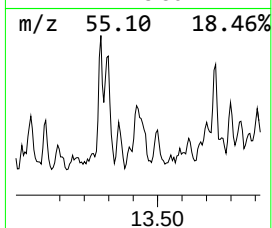
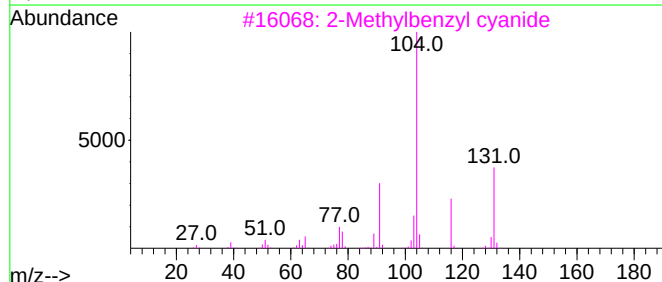
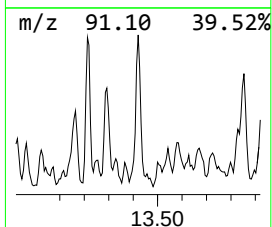
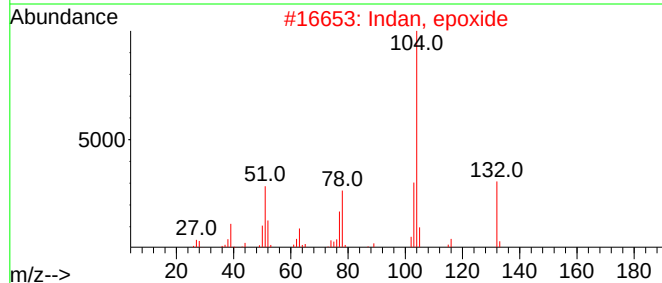
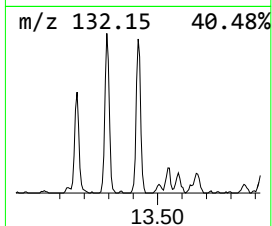
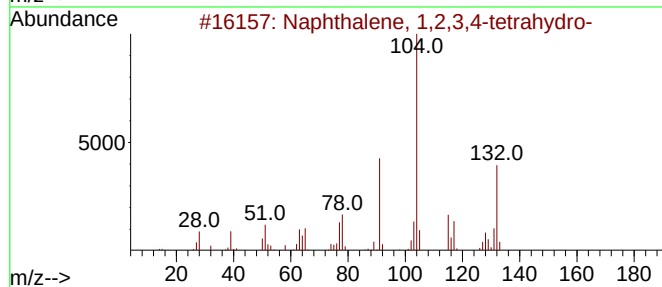
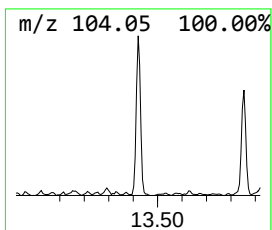
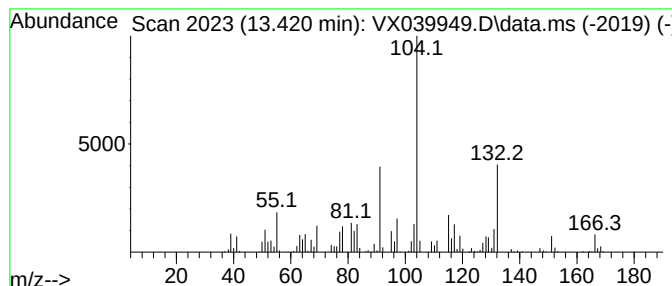
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Quant Title : SW846 8260

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

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Peak Number 6 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.420 | 23.56 ug/l | 241992 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-    | 132 | C10H12   | 000119-64-2  | 81   |
| 2    |    |   | Indan, epoxide                      | 132 | C9H8O    | 000768-22-9  | 58   |
| 3    |    |   | 2-Methylbenzyl cyanide              | 131 | C9H9N    | 022364-68-7  | 46   |
| 4    |    |   | 3(2H)-Furanone, dihydro-2,2-dime... | 190 | C12H14O2 | 063678-00-2  | 38   |
| 5    |    |   | 2-Furanone, 4-phenyltetrahydro      | 162 | C10H10O2 | 1000197-38-4 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
Data File : VX039949.D  
Acq On : 25 Jan 2024 13:24  
Operator : JC/MD  
Sample : P1235-08  
Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

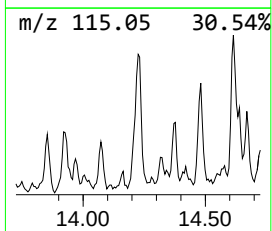
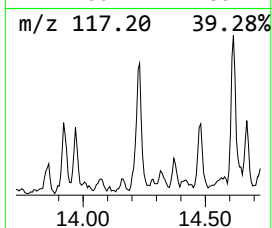
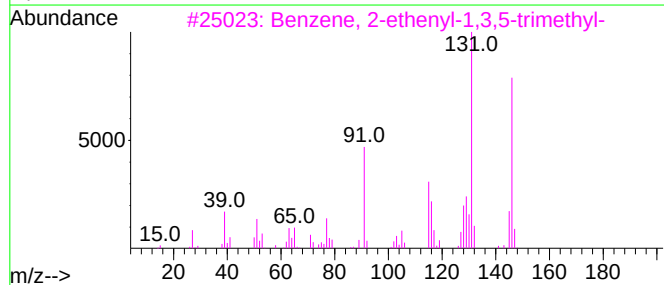
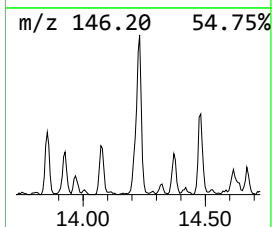
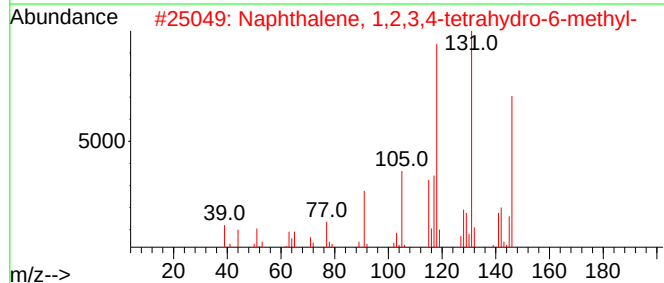
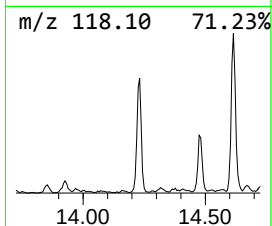
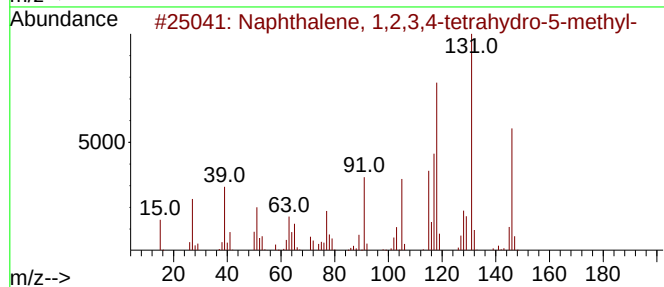
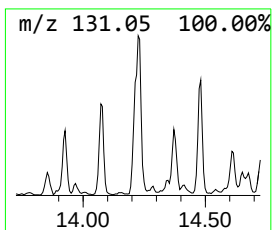
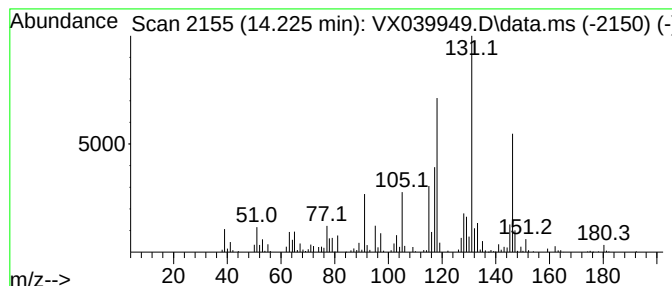
Instrument :  
MSVOA\_X  
ClientSampleId :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

| R.T.      | EstConc                             | Area   | Relative to ISTD       |          | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|----------|-------------|------|
| 14.225    | 23.58 ug/l                          | 242171 | 1,4-Dichlorobenzene-d4 |          | 12.024      |      |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm  | CAS#        | Qual |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... |        | 146                    | C11H14   | 002809-64-5 | 96   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-... |        | 146                    | C11H14   | 001680-51-9 | 93   |
| 3         | Benzene, 2-ethenyl-1,3,5-trimethyl- |        | 146                    | C11H14   | 000769-25-5 | 83   |
| 4         | 1H-1,3,2-Benzodiazaborole, 2-eth... |        | 146                    | C8H11BN2 | 074663-81-3 | 81   |
| 5         | Benzene, (3-methyl-2-butenyl)-      |        | 146                    | C11H14   | 004489-84-3 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
Data File : VX039949.D  
Acq On : 25 Jan 2024 13:24  
Operator : JC/MD  
Sample : P1235-08  
Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1101

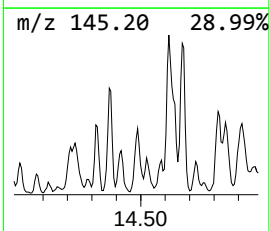
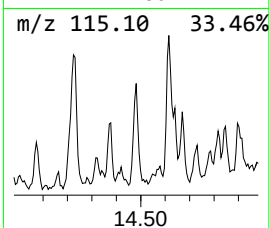
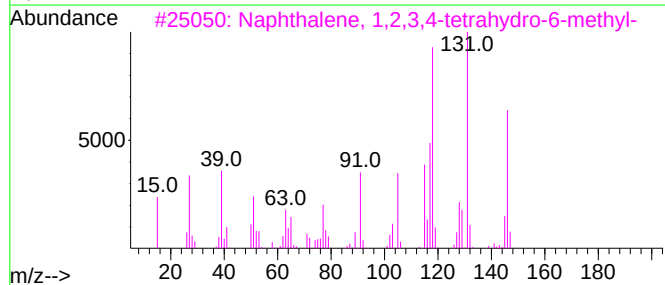
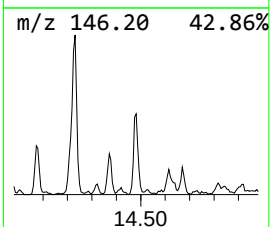
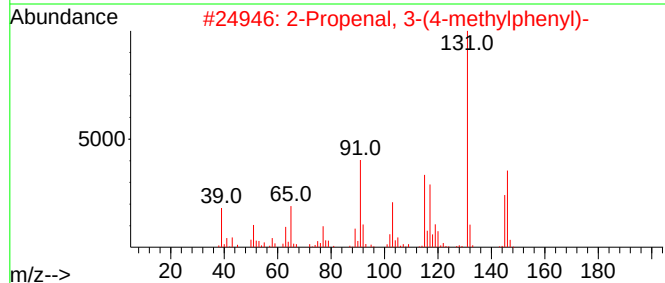
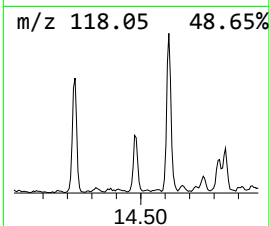
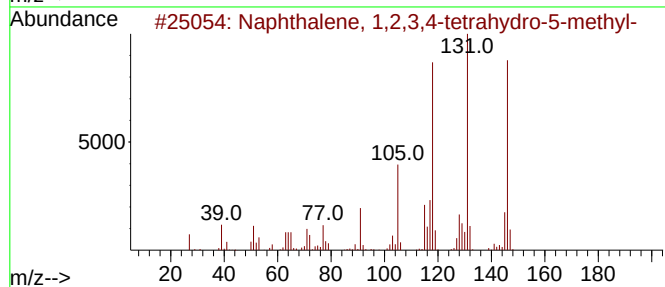
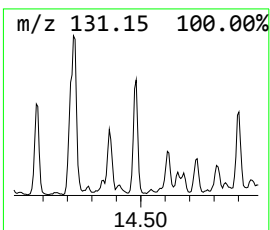
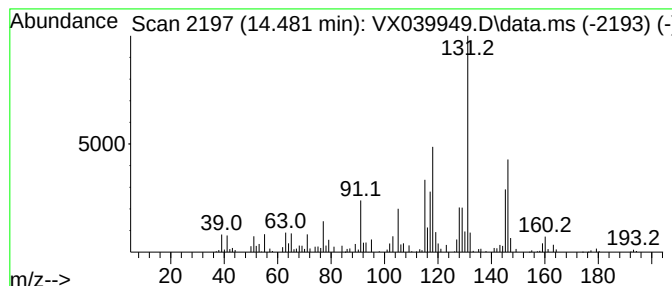
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Quant Title : SW846 8260

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

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Peak Number 8 2-Propenal, 3-(4-methylphen... Concentration Rank 8

| R.T.      | EstConc                             | Area   | Relative to ISTD       |         |             | R.T.   |
|-----------|-------------------------------------|--------|------------------------|---------|-------------|--------|
| 14.481    | 22.58 ug/l                          | 231924 | 1,4-Dichlorobenzene-d4 |         |             | 12.024 |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm | CAS#        | Qual   |
| 1         | Naphthalene, 1,2,3,4-tetrahydro-... |        | 146                    | C11H14  | 002809-64-5 | 74     |
| 2         | 2-Propenal, 3-(4-methylphenyl)-     |        | 146                    | C10H10O | 001504-75-2 | 64     |
| 3         | Naphthalene, 1,2,3,4-tetrahydro-... |        | 146                    | C11H14  | 001680-51-9 | 64     |
| 4         | 1H-Indene, 2,3-dihydro-4,7-dimet... |        | 146                    | C11H14  | 006682-71-9 | 53     |
| 5         | Benzene, (2-methyl-1-butenyl)-      |        | 146                    | C11H14  | 056253-64-6 | 52     |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
Data File : VX039949.D  
Acq On : 25 Jan 2024 13:24  
Operator : JC/MD  
Sample : P1235-08  
Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1101

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

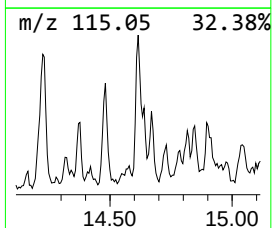
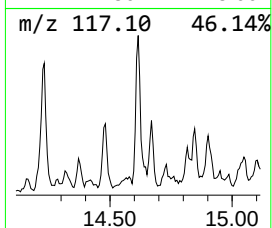
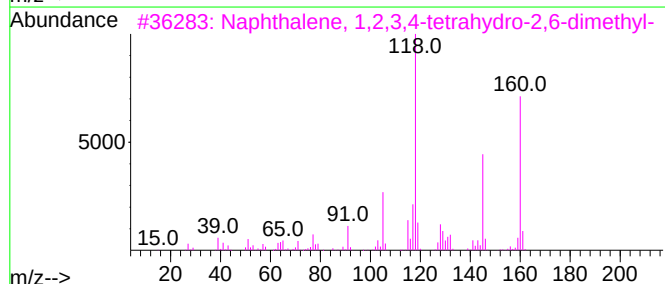
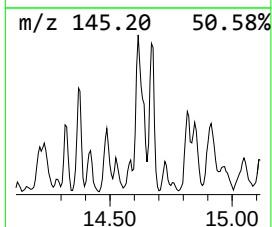
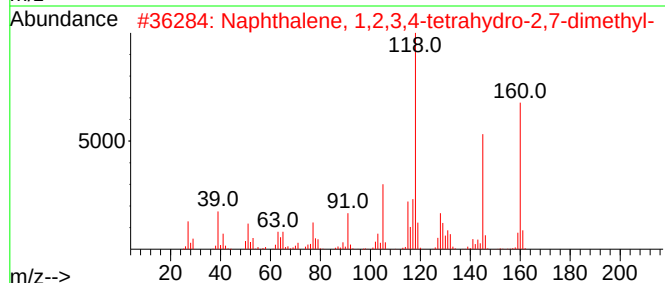
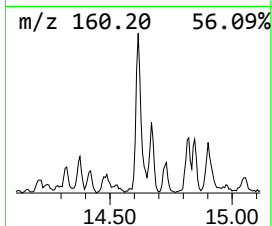
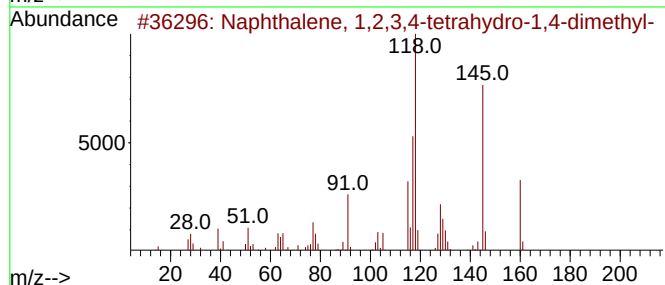
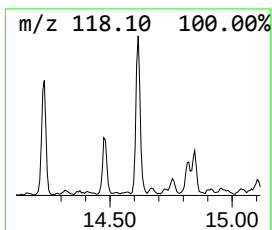
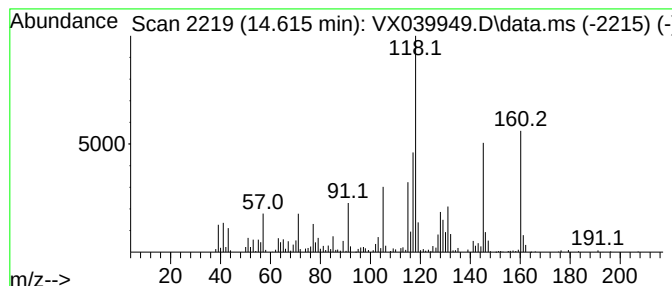
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.615 | 23.57 ug/l | 242031 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 95   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 90   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 007524-63-2 | 76   |
| 4    |    |   | Benzene, (3-methyl-1-methylenebu... | 160 | C12H16  | 038212-14-5 | 64   |
| 5    |    |   | 1(2H)-Naphthalenone, 3,4-dihydro... | 160 | C11H12O | 014944-23-1 | 62   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
Data File : VX039949.D  
Acq On : 25 Jan 2024 13:24  
Operator : JC/MD  
Sample : P1235-08  
Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1101

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.M  
Quant Title : SW846 8260

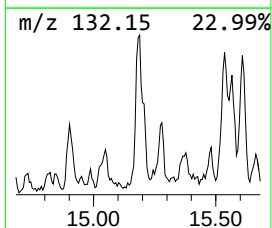
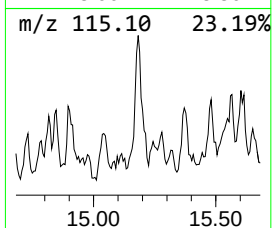
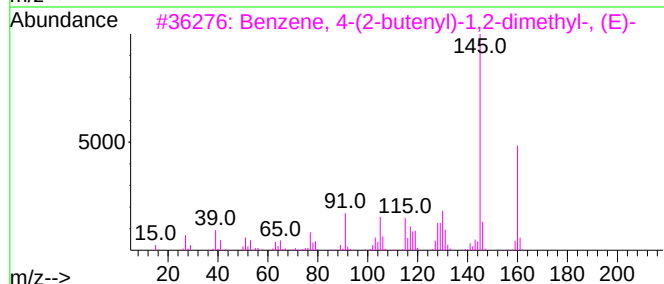
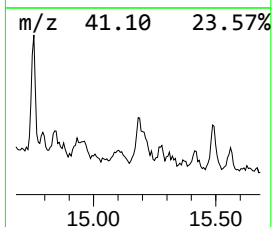
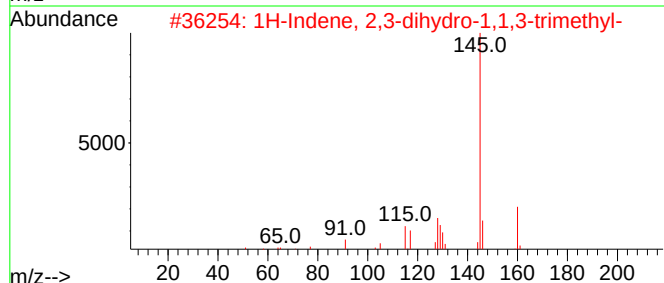
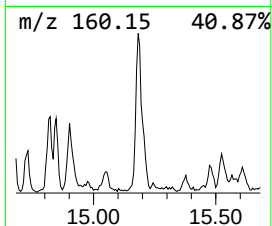
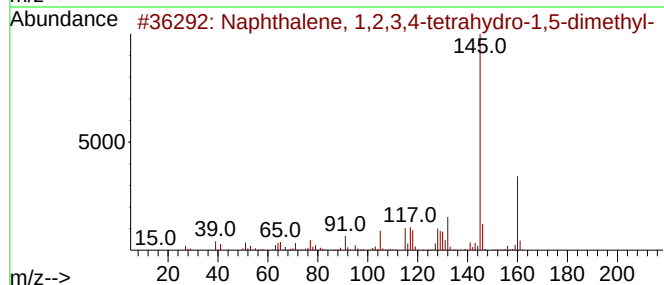
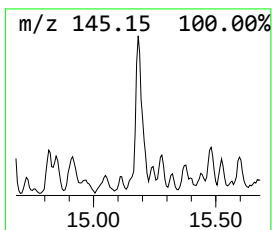
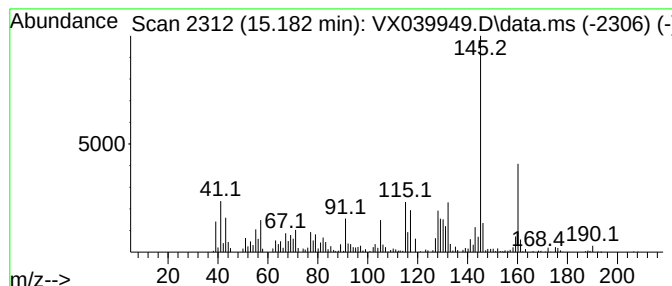
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.182 | 33.65 ug/l | 345636 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 94   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 93   |
| 3    |    |   | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16  | 054340-86-2 | 81   |
| 4    |    |   | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16  | 014679-13-1 | 76   |
| 5    |    |   | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16  | 054340-85-1 | 74   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX012524\  
Data File : VX039949.D  
Acq On : 25 Jan 2024 13:24  
Operator : JC/MD  
Sample : P1235-08  
Misc : 5.06g/10mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
1101

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011024W.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 |
| Nonane             | 10.360 | 29.2    | ug/l  | 255511   | 3                     | 10.055 | 437457 | 50.0 |
| Benzene, 1-ethy... | 11.378 | 20.2    | ug/l  | 207125   | 4                     | 12.024 | 513532 | 50.0 |
| Carbonic acid, ... | 12.420 | 47.7    | ug/l  | 489916   | 4                     | 12.024 | 513532 | 50.0 |
| Dodecane           | 13.268 | 29.7    | ug/l  | 304915   | 4                     | 12.024 | 513532 | 50.0 |
| Benzene, (1-met... | 13.292 | 21.7    | ug/l  | 222786   | 4                     | 12.024 | 513532 | 50.0 |
| Naphthalene, 1,... | 13.420 | 23.6    | ug/l  | 241992   | 4                     | 12.024 | 513532 | 50.0 |
| Naphthalene, 1,... | 14.225 | 23.6    | ug/l  | 242171   | 4                     | 12.024 | 513532 | 50.0 |
| 2-Propenal, 3-(... | 14.481 | 22.6    | ug/l  | 231924   | 4                     | 12.024 | 513532 | 50.0 |
| Naphthalene, 1,... | 14.615 | 23.6    | ug/l  | 242031   | 4                     | 12.024 | 513532 | 50.0 |
| Naphthalene, 1,... | 15.182 | 33.6    | ug/l  | 345636   | 4                     | 12.024 | 513532 | 50.0 |