

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
 Data File : VX005880.D  
 Acq On : 10 Nov 2018 00:24  
 Operator : JC/MD  
 Sample : J5889-03  
 Misc : 13.06g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WALL-C

Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Title : SW846 8260

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.282       | 178           | 185         | 190          | rVB      | 189440         | 300700        | 8.39%           | 0.434%        |
| 2         | 2.855       | 274           | 279         | 297          | rVB      | 105989         | 258504        | 7.21%           | 0.373%        |
| 3         | 4.373       | 519           | 528         | 542          | rVB      | 77974          | 224192        | 6.25%           | 0.323%        |
| 4         | 5.507       | 697           | 714         | 718          | rBV2     | 63542          | 193776        | 5.40%           | 0.279%        |
| 5         | 5.580       | 719           | 726         | 733          | rVV5     | 82966          | 327426        | 9.13%           | 0.472%        |
| 6         | 5.659       | 733           | 739         | 763          | rVB3     | 122817         | 451371        | 12.59%          | 0.651%        |
| 7         | 5.909       | 768           | 780         | 796          | rVV2     | 88430          | 267255        | 7.45%           | 0.385%        |
| 8         | 6.062       | 796           | 805         | 811          | rVV2     | 70608          | 191493        | 5.34%           | 0.276%        |
| 9         | 6.141       | 811           | 818         | 827          | rVV2     | 79355          | 220021        | 6.14%           | 0.317%        |
| 10        | 6.336       | 841           | 850         | 860          | rVV      | 97988          | 299507        | 8.35%           | 0.432%        |
| 11        | 6.689       | 898           | 908         | 917          | rBV2     | 81170          | 197044        | 5.50%           | 0.284%        |
| 12        | 6.860       | 926           | 936         | 955          | rBV      | 167131         | 445633        | 12.43%          | 0.643%        |
| 13        | 8.049       | 1119          | 1131        | 1143         | rVB      | 99966          | 223857        | 6.24%           | 0.323%        |
| 14        | 8.171       | 1143          | 1151        | 1159         | rBV      | 99056          | 208777        | 5.82%           | 0.301%        |
| 15        | 8.713       | 1235          | 1240        | 1246         | rVB      | 296111         | 492278        | 13.73%          | 0.710%        |
| 16        | 8.787       | 1246          | 1252        | 1258         | rBV      | 1538893        | 2529093       | 70.53%          | 3.647%        |
| 17        | 9.677       | 1393          | 1398        | 1402         | rVV      | 121274         | 195320        | 5.45%           | 0.282%        |
| 18        | 9.890       | 1425          | 1433        | 1437         | rVV3     | 102499         | 197429        | 5.51%           | 0.285%        |
| 19        | 10.116      | 1465          | 1470        | 1475         | rVV      | 313064         | 437960        | 12.21%          | 0.631%        |
| 20        | 10.250      | 1485          | 1492        | 1498         | rBV      | 565279         | 843311        | 23.52%          | 1.216%        |
| 21        | 10.360      | 1501          | 1510        | 1516         | rVV      | 2353861        | 3263267       | 91.00%          | 4.705%        |
| 22        | 10.640      | 1549          | 1556        | 1561         | rBV2     | 130482         | 249640        | 6.96%           | 0.360%        |
| 23        | 10.701      | 1561          | 1566        | 1574         | rVB      | 931081         | 1227364       | 34.23%          | 1.770%        |
| 24        | 10.835      | 1585          | 1588        | 1592         | rVB      | 179223         | 216536        | 6.04%           | 0.312%        |
| 25        | 10.908      | 1596          | 1600        | 1604         | rBV3     | 132220         | 211173        | 5.89%           | 0.304%        |
| 26        | 11.018      | 1611          | 1618        | 1622         | rBV      | 146272         | 226596        | 6.32%           | 0.327%        |
| 27        | 11.140      | 1632          | 1638        | 1643         | rBV      | 334640         | 474347        | 13.23%          | 0.684%        |
| 28        | 11.274      | 1656          | 1660        | 1669         | rVB4     | 245995         | 387293        | 10.80%          | 0.558%        |
| 29        | 11.359      | 1669          | 1674        | 1678         | rBV      | 422273         | 558770        | 15.58%          | 0.806%        |
| 30        | 11.439      | 1682          | 1687        | 1693         | rBV      | 1235443        | 2077394       | 57.93%          | 2.995%        |
| 31        | 11.506      | 1693          | 1698        | 1702         | rBV      | 490125         | 630851        | 17.59%          | 0.910%        |
| 32        | 11.670      | 1720          | 1725        | 1732         | rVB      | 499943         | 726042        | 20.25%          | 1.047%        |
| 33        | 11.810      | 1743          | 1748        | 1757         | rVB      | 2080760        | 2709725       | 75.57%          | 3.907%        |
| 34        | 11.945      | 1767          | 1770        | 1775         | rVV      | 270957         | 434511        | 12.12%          | 0.627%        |

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 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WALL-C

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Title : SW846 8260

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 12.030 | 1781 | 1784 | 1788 | rVB3 | 157473  | 201672  | 5.62%  | 0.291% |
| 36 | 12.079 | 1788 | 1792 | 1798 | rBV  | 387560  | 555563  | 15.49% | 0.801% |
| 37 | 12.146 | 1798 | 1803 | 1807 | rBV  | 626771  | 789716  | 22.02% | 1.139% |
| 38 | 12.304 | 1824 | 1829 | 1831 | rBV2 | 911602  | 1261071 | 35.17% | 1.818% |
| 39 | 12.371 | 1836 | 1840 | 1847 | rVB3 | 966915  | 1656872 | 46.21% | 2.389% |
| 40 | 12.524 | 1861 | 1865 | 1870 | rVB2 | 281122  | 449405  | 12.53% | 0.648% |
| 41 | 12.591 | 1871 | 1876 | 1877 | rBV  | 312068  | 381955  | 10.65% | 0.551% |
| 42 | 12.615 | 1877 | 1880 | 1884 | rVB  | 277165  | 330573  | 9.22%  | 0.477% |
| 43 | 12.670 | 1885 | 1889 | 1892 | rBV  | 715853  | 792573  | 22.10% | 1.143% |
| 44 | 12.701 | 1892 | 1894 | 1898 | rVB  | 212140  | 228622  | 6.38%  | 0.330% |
| 45 | 12.755 | 1898 | 1903 | 1911 | rBV3 | 491482  | 919061  | 25.63% | 1.325% |
| 46 | 12.877 | 1919 | 1923 | 1926 | rBV2 | 366335  | 531100  | 14.81% | 0.766% |
| 47 | 12.951 | 1931 | 1935 | 1936 | rVV2 | 161277  | 246430  | 6.87%  | 0.355% |
| 48 | 12.981 | 1936 | 1940 | 1943 | rVV  | 780780  | 1011275 | 28.20% | 1.458% |
| 49 | 13.018 | 1943 | 1946 | 1948 | rVV  | 351826  | 456777  | 12.74% | 0.659% |
| 50 | 13.042 | 1948 | 1950 | 1954 | rVV  | 460747  | 527062  | 14.70% | 0.760% |
| 51 | 13.085 | 1954 | 1957 | 1962 | rVV3 | 216056  | 412239  | 11.50% | 0.594% |
| 52 | 13.152 | 1966 | 1968 | 1972 | rVV2 | 124959  | 229517  | 6.40%  | 0.331% |
| 53 | 13.194 | 1972 | 1975 | 1977 | rVV  | 248008  | 316803  | 8.83%  | 0.457% |
| 54 | 13.225 | 1977 | 1980 | 1984 | rVV2 | 408109  | 572269  | 15.96% | 0.825% |
| 55 | 13.310 | 1990 | 1994 | 1997 | rVV3 | 152902  | 247798  | 6.91%  | 0.357% |
| 56 | 13.353 | 1997 | 2001 | 2006 | rVV2 | 1037750 | 1525956 | 42.56% | 2.200% |
| 57 | 13.426 | 2007 | 2013 | 2017 | rVV3 | 239024  | 438534  | 12.23% | 0.632% |
| 58 | 13.481 | 2017 | 2022 | 2031 | rVB4 | 503327  | 1005187 | 28.03% | 1.449% |
| 59 | 13.566 | 2031 | 2036 | 2038 | rBV  | 233495  | 316172  | 8.82%  | 0.456% |
| 60 | 13.603 | 2038 | 2042 | 2045 | rVV  | 310938  | 451670  | 12.60% | 0.651% |
| 61 | 13.639 | 2045 | 2048 | 2052 | rVV2 | 600527  | 933103  | 26.02% | 1.345% |
| 62 | 13.700 | 2052 | 2058 | 2059 | rVV3 | 285566  | 574823  | 16.03% | 0.829% |
| 63 | 13.725 | 2059 | 2062 | 2067 | rVV2 | 570325  | 905200  | 25.24% | 1.305% |
| 64 | 13.810 | 2071 | 2076 | 2077 | rVV2 | 163673  | 217002  | 6.05%  | 0.313% |
| 65 | 13.835 | 2077 | 2080 | 2087 | rVV  | 658970  | 1083213 | 30.21% | 1.562% |
| 66 | 13.914 | 2088 | 2093 | 2097 | rVB  | 603163  | 789397  | 22.01% | 1.138% |
| 67 | 13.987 | 2097 | 2105 | 2109 | rVB3 | 633674  | 1017786 | 28.38% | 1.468% |
| 68 | 14.030 | 2109 | 2112 | 2115 | rBV2 | 198673  | 281728  | 7.86%  | 0.406% |
| 69 | 14.066 | 2115 | 2118 | 2124 | rVB2 | 192587  | 289133  | 8.06%  | 0.417% |
| 70 | 14.133 | 2124 | 2129 | 2132 | rBV2 | 361996  | 514028  | 14.34% | 0.741% |
| 71 | 14.273 | 2147 | 2152 | 2160 | rBV3 | 732194  | 1472193 | 41.06% | 2.123% |

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Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WALL-C

## 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\82X110718W.M  
 Title : SW846 8260

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 14.377 | 2166 | 2169 | 2174 | rVB  | 387473  | 477814  | 13.33%  | 0.689% |
| 73  | 14.432 | 2174 | 2178 | 2182 | rVB  | 496108  | 612223  | 17.07%  | 0.883% |
| 74  | 14.481 | 2182 | 2186 | 2191 | rVB3 | 248583  | 375209  | 10.46%  | 0.541% |
| 75  | 14.542 | 2191 | 2196 | 2201 | rBV2 | 713922  | 1075181 | 29.98%  | 1.550% |
| 76  | 14.700 | 2214 | 2222 | 2225 | rVV2 | 2090898 | 3585819 | 100.00% | 5.170% |
| 77  | 14.731 | 2225 | 2227 | 2231 | rVB  | 547259  | 636376  | 17.75%  | 0.918% |
| 78  | 14.786 | 2231 | 2236 | 2240 | rBV3 | 310225  | 506742  | 14.13%  | 0.731% |
| 79  | 14.840 | 2241 | 2245 | 2249 | rVV  | 1512156 | 1961023 | 54.69%  | 2.828% |
| 80  | 14.877 | 2249 | 2251 | 2254 | rVV3 | 336603  | 447514  | 12.48%  | 0.645% |
| 81  | 14.907 | 2254 | 2256 | 2261 | rVV3 | 386887  | 457528  | 12.76%  | 0.660% |
| 82  | 14.975 | 2261 | 2267 | 2272 | rVV4 | 190178  | 462136  | 12.89%  | 0.666% |
| 83  | 15.029 | 2272 | 2276 | 2283 | rVB4 | 235826  | 531756  | 14.83%  | 0.767% |
| 84  | 15.109 | 2283 | 2289 | 2293 | rBV3 | 191544  | 377977  | 10.54%  | 0.545% |
| 85  | 15.249 | 2307 | 2312 | 2320 | rVB2 | 562199  | 1067325 | 29.77%  | 1.539% |
| 86  | 15.316 | 2320 | 2323 | 2327 | rBV4 | 134814  | 249577  | 6.96%   | 0.360% |
| 87  | 15.444 | 2340 | 2344 | 2347 | rBV  | 525188  | 780216  | 21.76%  | 1.125% |
| 88  | 15.481 | 2347 | 2350 | 2355 | rVV2 | 379610  | 588872  | 16.42%  | 0.849% |
| 89  | 15.554 | 2356 | 2362 | 2367 | rVV  | 1215790 | 2008296 | 56.01%  | 2.896% |
| 90  | 15.615 | 2367 | 2372 | 2375 | rVV4 | 187470  | 435051  | 12.13%  | 0.627% |
| 91  | 15.688 | 2379 | 2384 | 2388 | rVV  | 1346563 | 2246366 | 62.65%  | 3.239% |
| 92  | 15.730 | 2388 | 2391 | 2399 | rVB  | 765367  | 1151498 | 32.11%  | 1.660% |
| 93  | 15.919 | 2419 | 2422 | 2432 | rVB2 | 430740  | 831163  | 23.18%  | 1.198% |
| 94  | 16.072 | 2442 | 2447 | 2452 | rBV  | 370346  | 613504  | 17.11%  | 0.885% |
| 95  | 16.358 | 2488 | 2494 | 2496 | rBV2 | 130172  | 248853  | 6.94%   | 0.359% |
| 96  | 16.389 | 2496 | 2499 | 2503 | rVV2 | 164430  | 305219  | 8.51%   | 0.440% |
| 97  | 16.444 | 2504 | 2508 | 2516 | rVV  | 237000  | 464552  | 12.96%  | 0.670% |
| 98  | 16.657 | 2534 | 2543 | 2545 | rBV6 | 111566  | 280495  | 7.82%   | 0.404% |
| 99  | 16.694 | 2545 | 2549 | 2554 | rVB  | 229487  | 385718  | 10.76%  | 0.556% |
| 100 | 16.755 | 2554 | 2559 | 2564 | rBV  | 188839  | 357048  | 9.96%   | 0.515% |

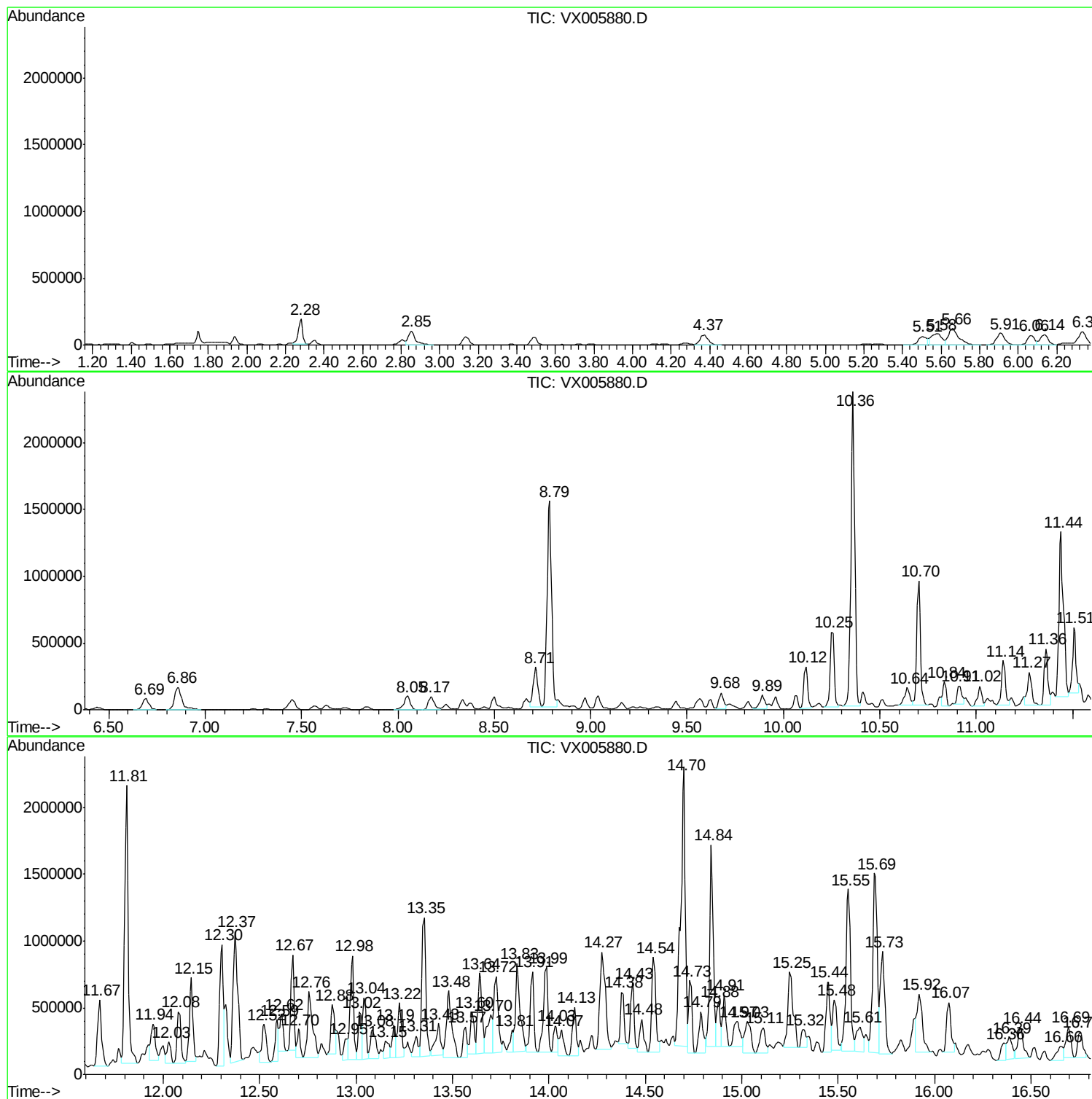
Sum of corrected areas: 69352985

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Instrument :  
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WALL-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
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Instrument :  
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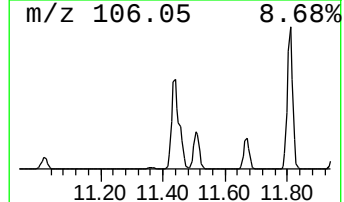
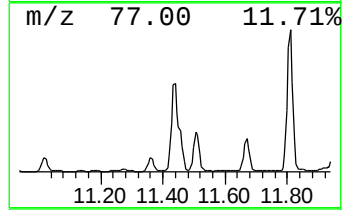
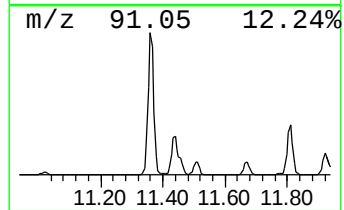
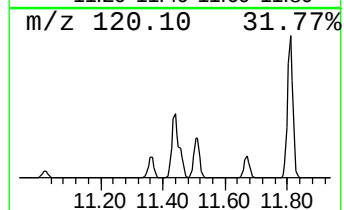
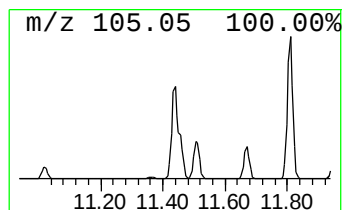
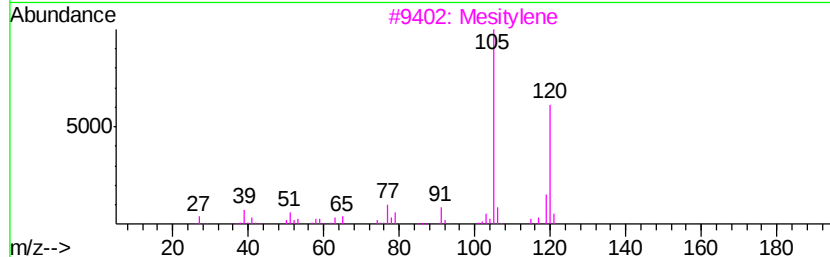
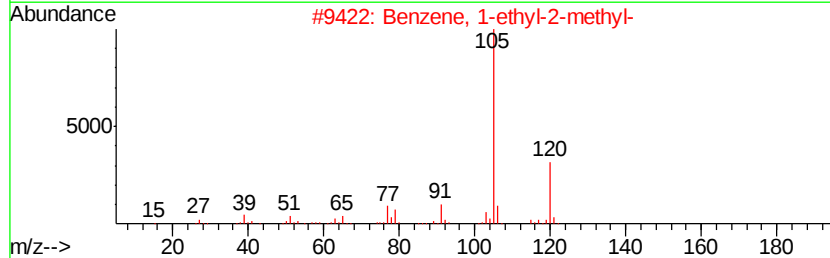
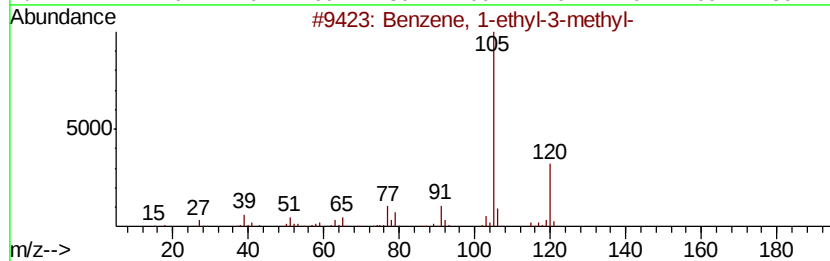
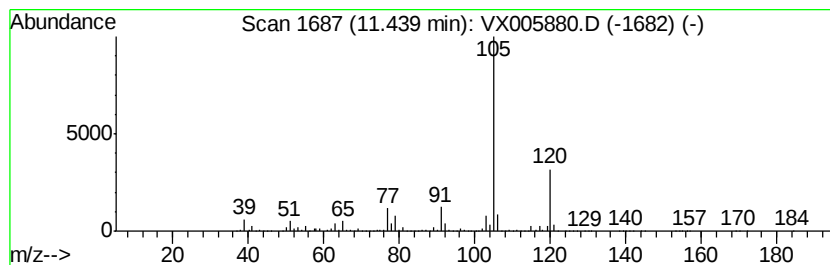
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Benzene, 1-ethyl-3-methyl- Concentration Rank 3

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 11.44 | 186.96 ug/l | 2077390 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 95   |
| 2    |    | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 3    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 5    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



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ClientSampleId :  
WALL-C

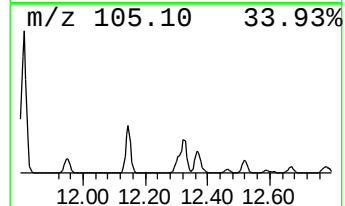
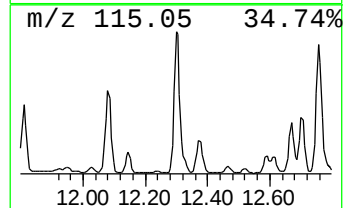
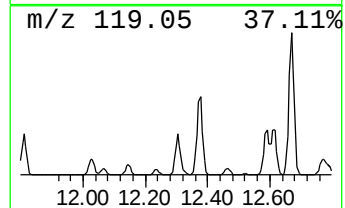
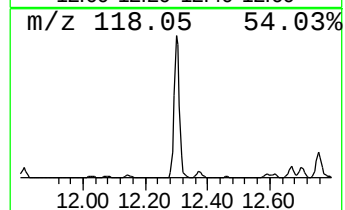
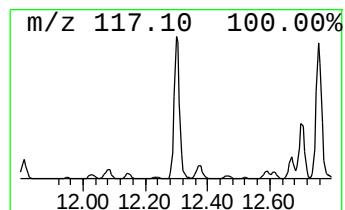
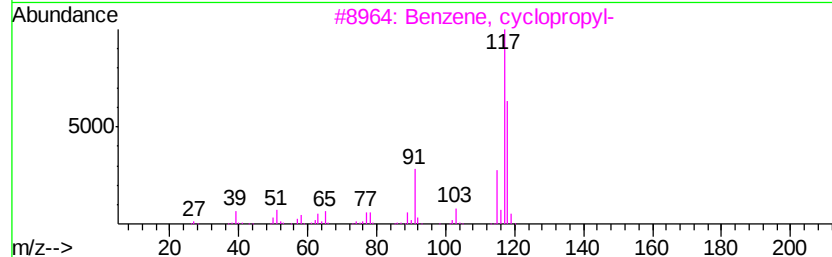
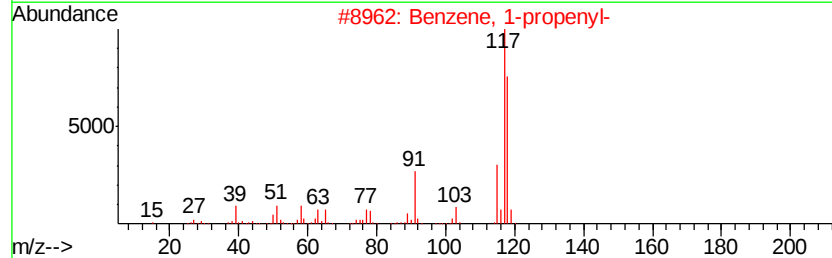
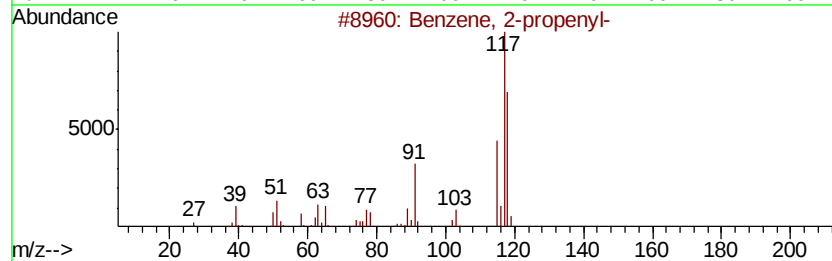
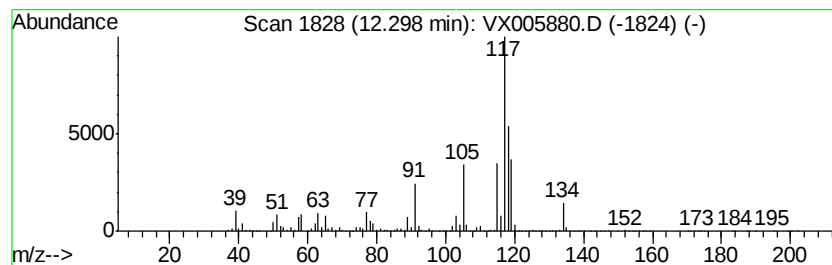
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Benzene, 2-propenyl- Concentration Rank 8

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 12.30 | 113.50 ug/l | 1261070 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------------------|-----|---------|--------------|------|
| 1    | 5  | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 60   |
| 2    |    | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3  | 60   |
| 3    |    | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 60   |
| 4    |    | Benzene, 1-ethenyl-2-methyl-        | 118 | C9H10   | 000611-15-4  | 60   |
| 5    |    | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 55   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
Data File : VX005880.D  
Acq On : 10 Nov 2018 00:24  
Operator : JC/MD  
Sample : J5889-03  
Misc : 13.06µL/5mL/100µL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

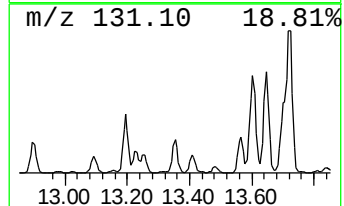
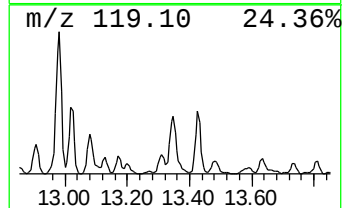
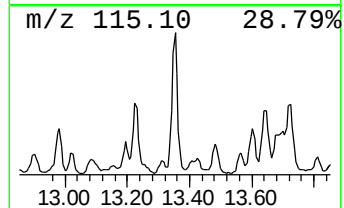
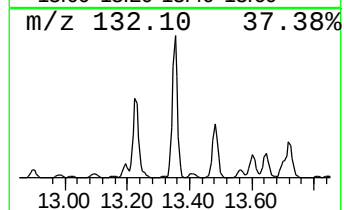
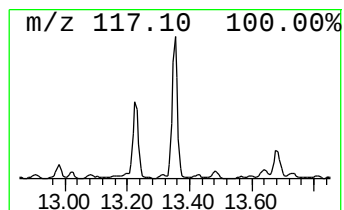
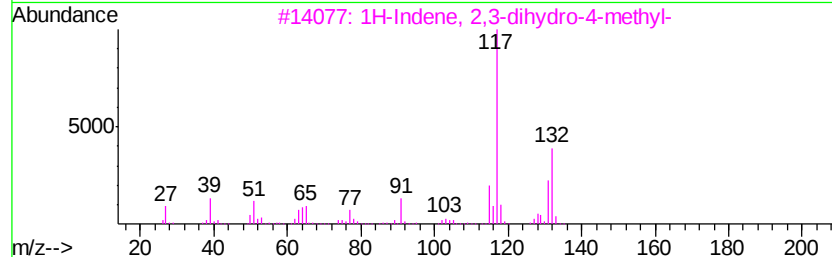
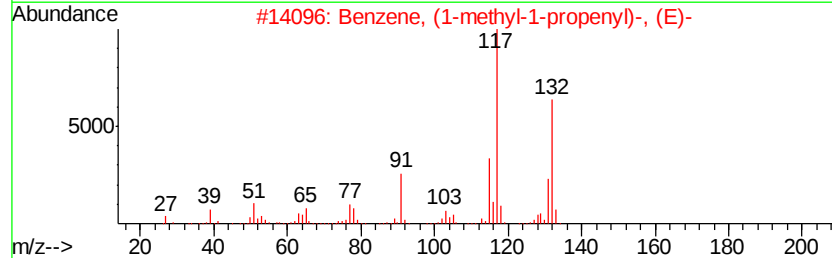
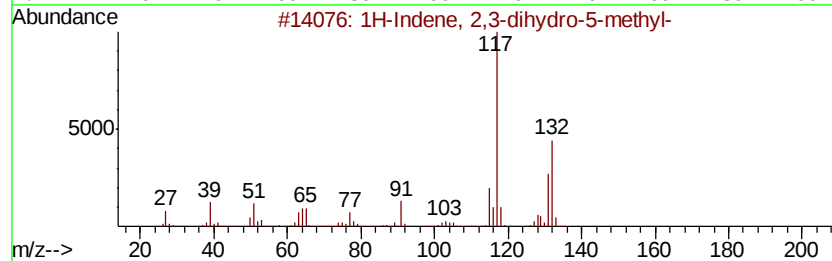
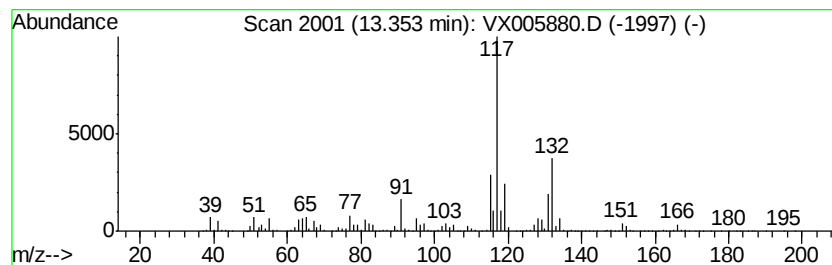
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TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 3 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 6

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 13.35 | 137.33 ug/l | 1525960 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Indene, 2,3-dihydro-5-methyl-    | 132 | C10H12  | 000874-35-1 | 87   |
| 2    |    | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 81   |
| 3    |    | 1H-Indene, 2,3-dihydro-4-methyl-    | 132 | C10H12  | 000824-22-6 | 76   |
| 4    |    | Indan, 1-methyl-                    | 132 | C10H12  | 000767-58-8 | 76   |
| 5    |    | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 72   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
Data File : VX005880.D  
Acq On : 10 Nov 2018 00:24  
Operator : JC/MD  
Sample : J5889-03  
Misc : 13.06µL/5mL/100µL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

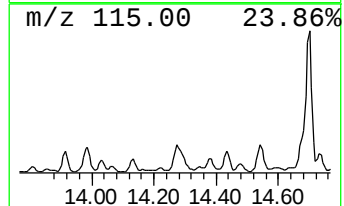
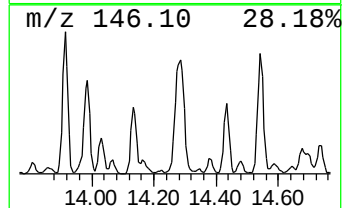
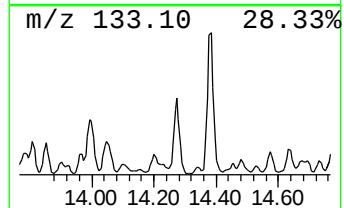
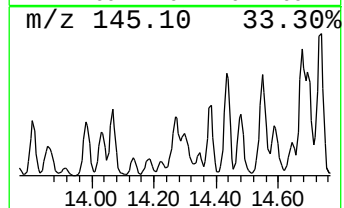
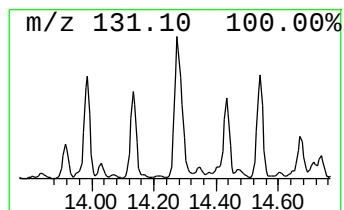
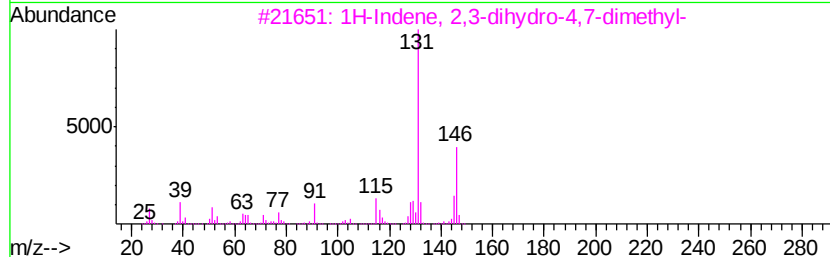
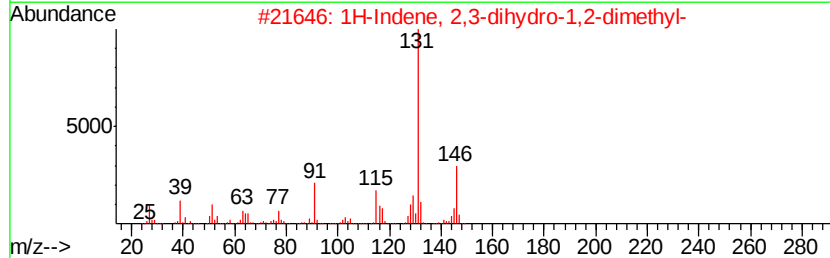
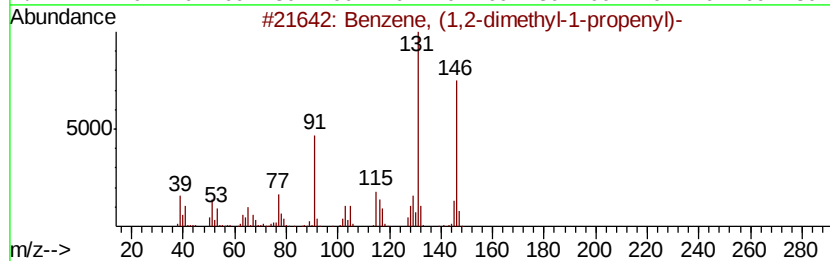
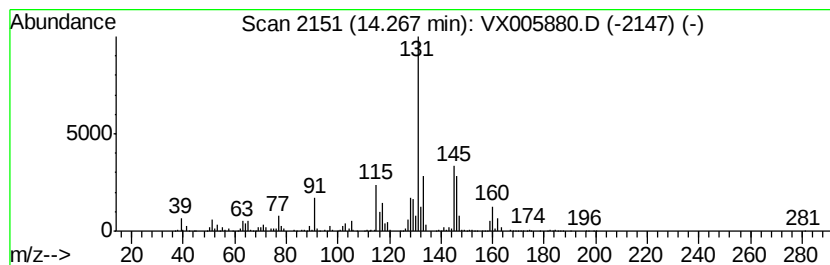
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 4 Benzene, (1,2-dimethyl-1-propenyl)- Concentration Rank 7

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 14.27 | 132.50 ug/l | 1472190 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                         | MW  | MolForm | CAS#        | Qual |
|------|----|--------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, (1,2-dimethyl-1-propenyl)-  | 146 | C11H14  | 000769-57-3 | 92   |
| 2    |    | 1H-Indene, 2,3-dihydro-1,2-dimethyl- | 146 | C11H14  | 017057-82-8 | 76   |
| 3    |    | 1H-Indene, 2,3-dihydro-4,7-dimethyl- | 146 | C11H14  | 006682-71-9 | 70   |
| 4    |    | Benzene, (1-methyl-1-butenyl)-       | 146 | C11H14  | 053172-84-2 | 68   |
| 5    |    | 1H-Indene, 2,3-dihydro-4,6-dimethyl- | 146 | C11H14  | 001685-82-1 | 64   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
Data File : VX005880.D  
Acq On : 10 Nov 2018 00:24  
Operator : JC/MD  
Sample : J5889-03  
Misc : 13.06µL/5mL/100µL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

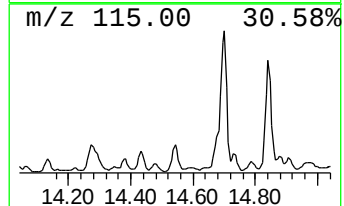
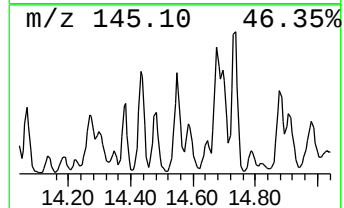
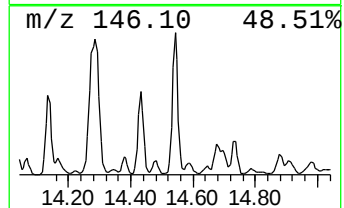
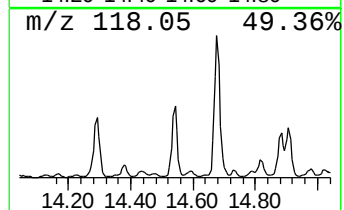
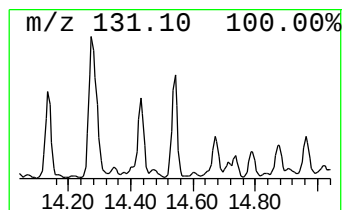
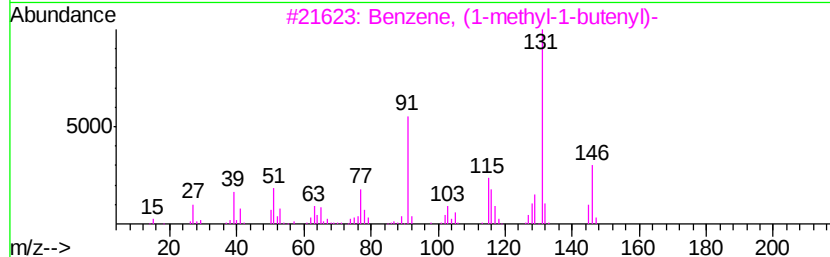
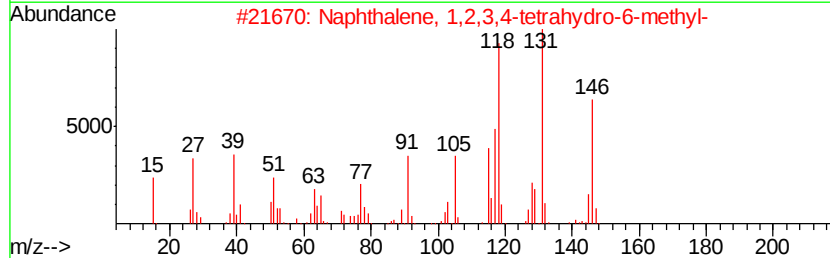
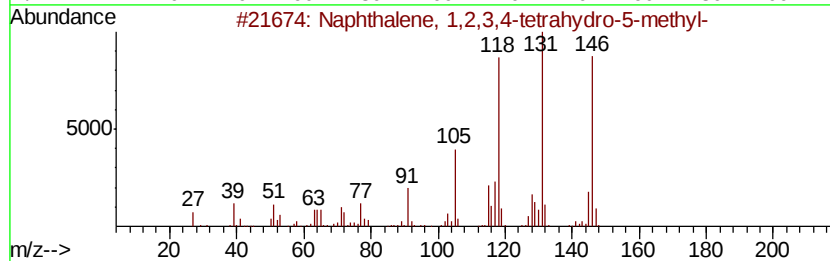
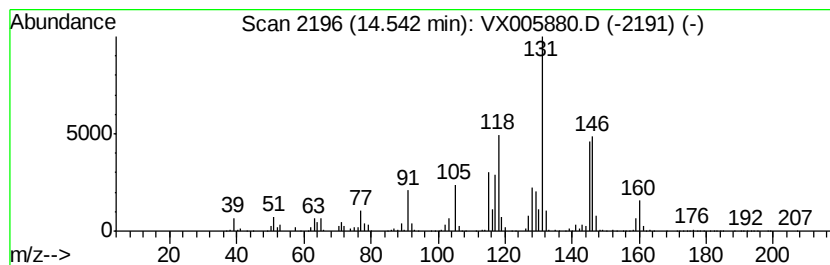
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Naphthalene, 1,2,3,4-tetra... Concentration Rank 10

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 14.54 | 96.77 ug/l | 1075180 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5 | 76   |
| 2    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 55   |
| 3    |    | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 49   |
| 4    |    | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 49   |
| 5    |    | 2-Propenal, 3-(4-methylphenyl)-     | 146 | C10H10O | 001504-75-2 | 49   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
Data File : VX005880.D  
Acq On : 10 Nov 2018 00:24  
Operator : JC/MD  
Sample : J5889-03  
Misc : 13.06µ/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 31 Sample Multiplier: 1

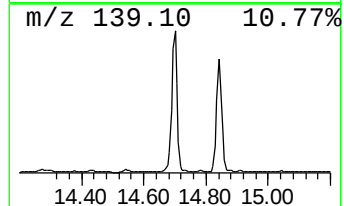
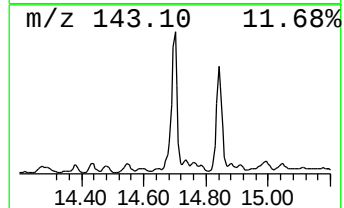
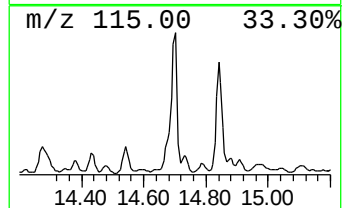
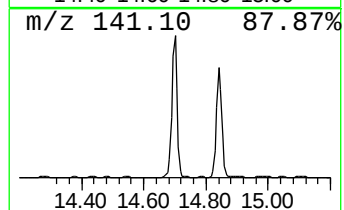
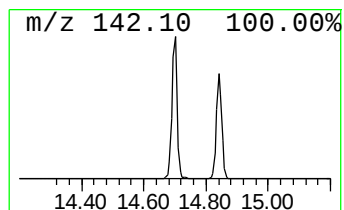
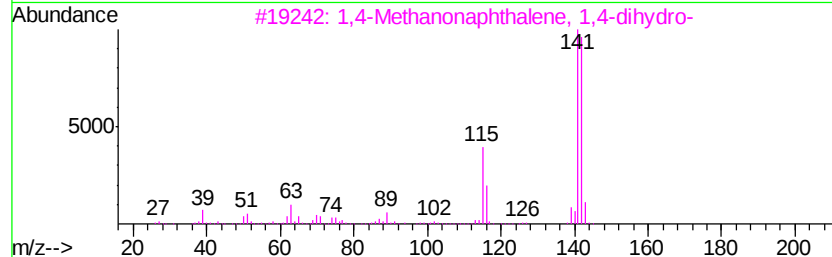
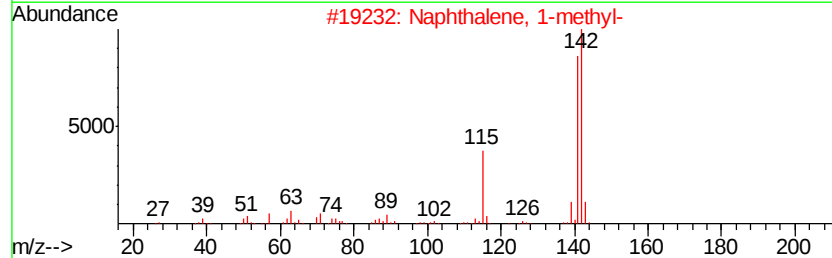
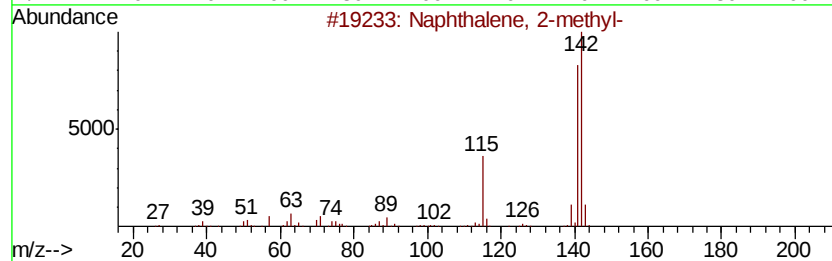
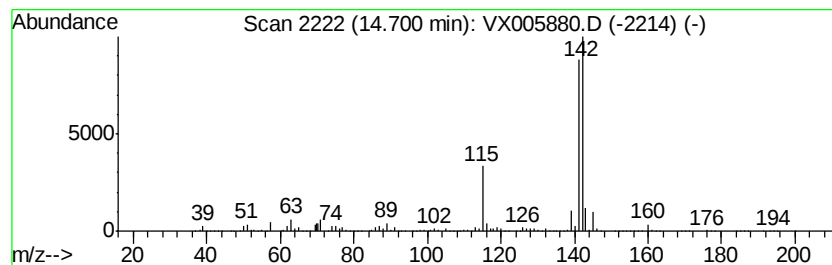
Instrument :  
MSVOA\_X  
ClientSampleId :  
WALL-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 Naphthalene, 1-methyl- Concentration Rank 1

| R.T.    | EstConc     | Area                                | Relative to ISTD       | R.T.           |
|---------|-------------|-------------------------------------|------------------------|----------------|
| 14.70   | 322.72 ug/l | 3585820                             | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5           | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |             | Naphthalene, 2-methyl-              | 142 C11H10             | 000091-57-6 96 |
| 2       |             | Naphthalene, 1-methyl-              | 142 C11H10             | 000090-12-0 96 |
| 3       |             | 1,4-Methanonaphthalene, 1,4-dihv... | 142 C11H10             | 004453-90-1 90 |
| 4       |             | Benzocycloheptatriene               | 142 C11H10             | 000264-09-5 90 |
| 5       |             | 1H-Indene, 1-ethylidene-            | 142 C11H10             | 002471-83-2 53 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
Data File : VX005880.D  
Acq On : 10 Nov 2018 00:24  
Operator : JC/MD  
Sample : J5889-03  
Misc : 13.06µL/5mL/100µL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
WALL-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

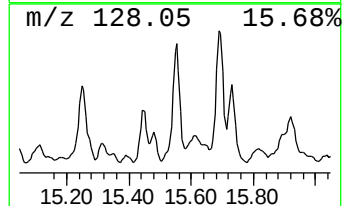
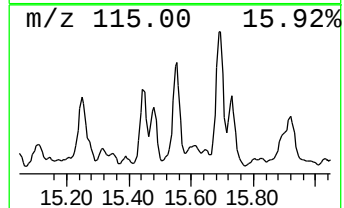
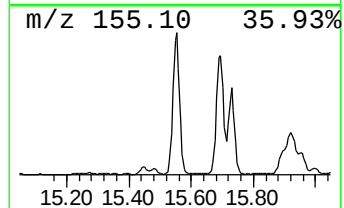
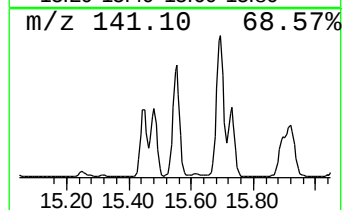
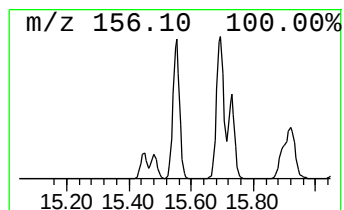
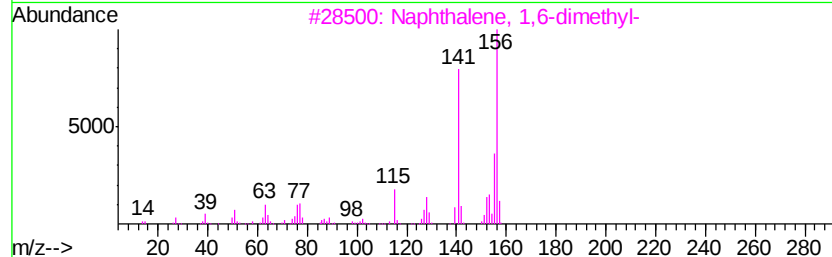
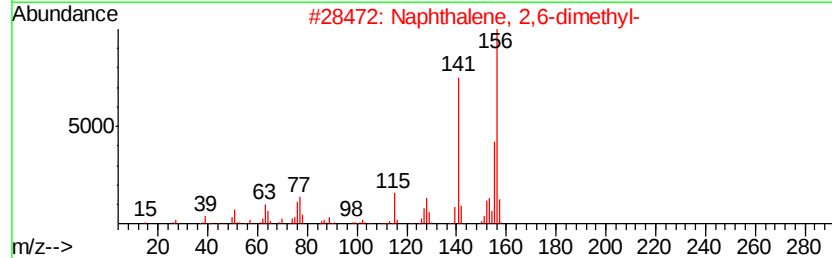
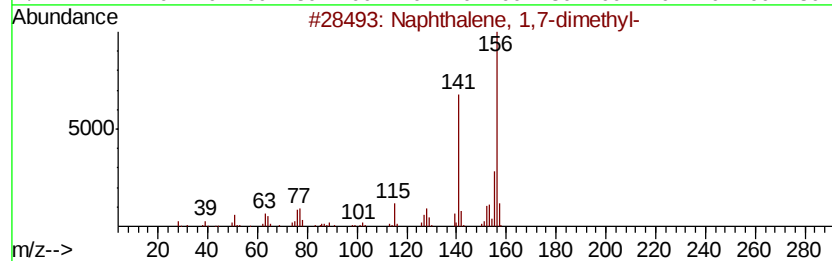
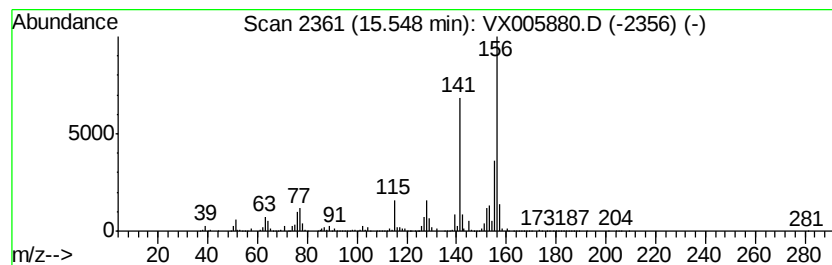
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 4

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 15.55 | 180.74 ug/l | 2008300 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,7-dimethyl- | 156 | C12H12  | 000575-37-1 | 97   |
| 2    |    | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 97   |
| 3    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 96   |
| 4    |    | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 96   |
| 5    |    | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 96   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
Data File : VX005880.D  
Acq On : 10 Nov 2018 00:24  
Operator : JC/MD  
Sample : J5889-03  
Misc : 13.06µL/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 31 Sample Multiplier: 1

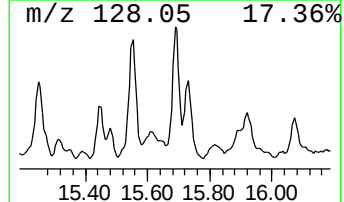
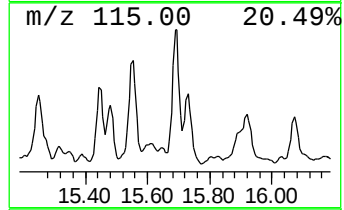
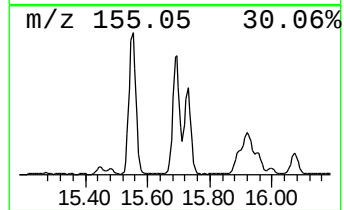
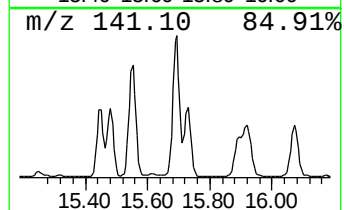
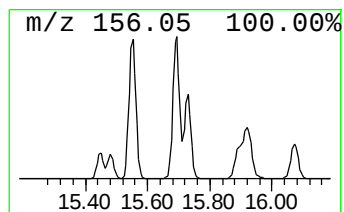
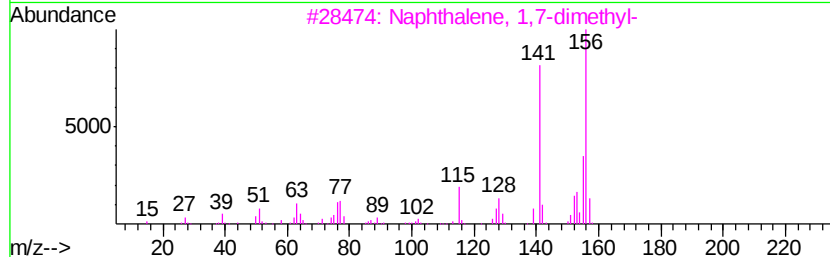
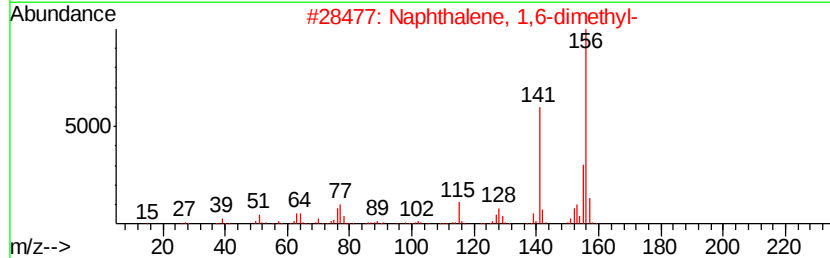
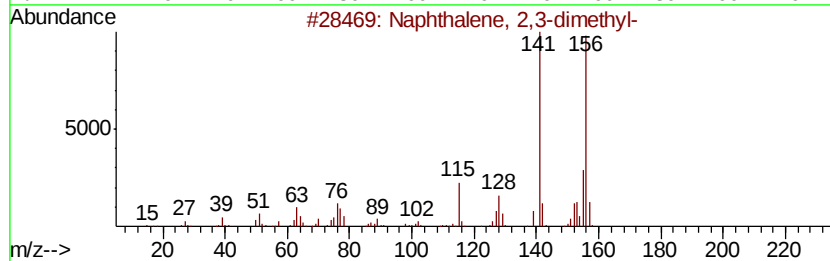
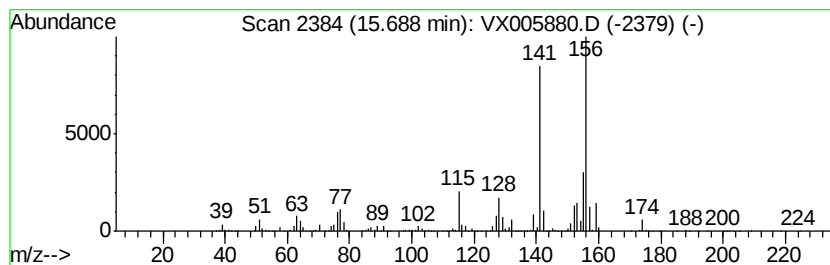
Instrument :  
MSVOA\_X  
ClientSampleID :  
WALL-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 2

| R.T.    | EstConc     | Area                       | Relative to ISTD       | R.T.           |
|---------|-------------|----------------------------|------------------------|----------------|
| 15.69   | 202.17 ug/l | 2246370                    | 1,4-Dichlorobenzene-d4 | 12.08          |
| Hit# of | 5           | Tentative ID               | MW MolForm             | CAS# Qual      |
| 1       |             | Naphthalene, 2,3-dimethyl- | 156 C12H12             | 000581-40-8 97 |
| 2       |             | Naphthalene, 1,6-dimethyl- | 156 C12H12             | 000575-43-9 97 |
| 3       |             | Naphthalene, 1,7-dimethyl- | 156 C12H12             | 000575-37-1 96 |
| 4       |             | Naphthalene, 1,4-dimethyl- | 156 C12H12             | 000571-58-4 96 |
| 5       |             | Naphthalene, 1,2-dimethyl- | 156 C12H12             | 000573-98-8 96 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
Data File : VX005880.D  
Acq On : 10 Nov 2018 00:24  
Operator : JC/MD  
Sample : J5889-03  
Misc : 13.06µL/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampled :  
WALL-C

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260

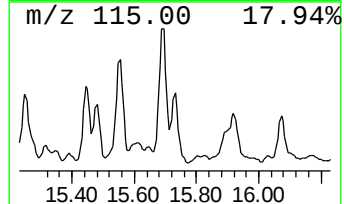
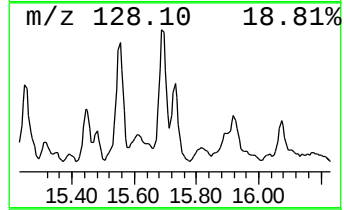
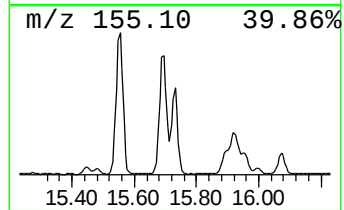
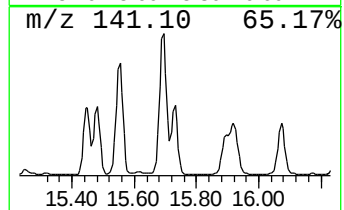
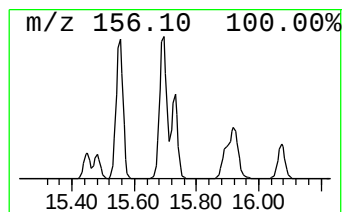
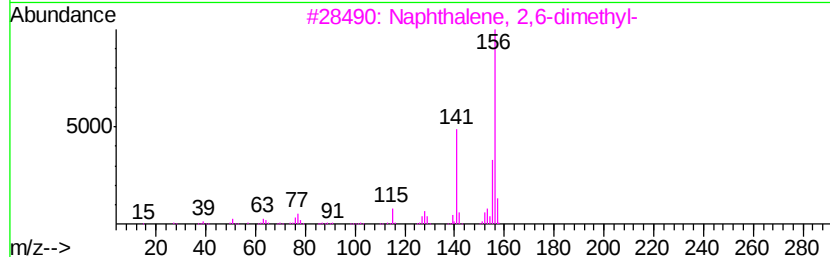
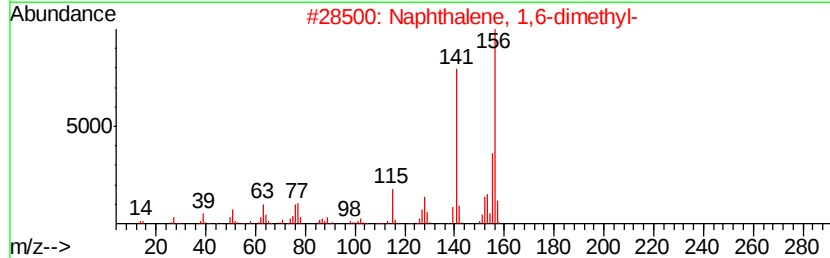
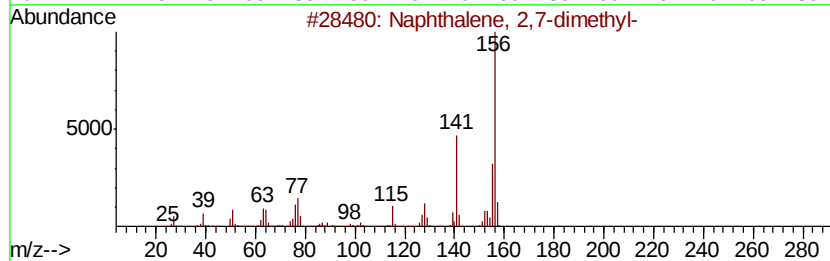
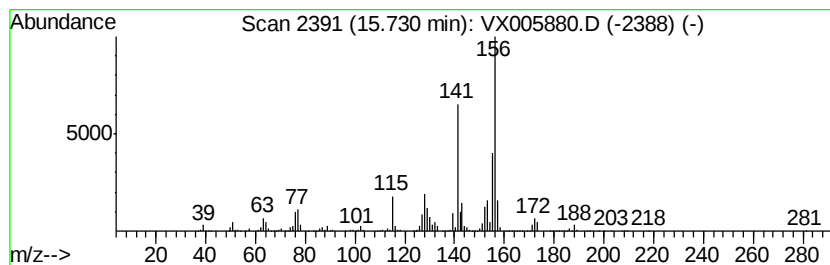
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 9

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 15.73 | 103.63 ug/l | 1151500 | 1,4-Dichlorobenzene-d4 | 12.08 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 2,7-dimethyl- | 156 | C12H12  | 000582-16-1 | 97   |
| 2    |    | Naphthalene, 1,6-dimethyl- | 156 | C12H12  | 000575-43-9 | 94   |
| 3    |    | Naphthalene, 2,6-dimethyl- | 156 | C12H12  | 000581-42-0 | 93   |
| 4    |    | Naphthalene, 1,5-dimethyl- | 156 | C12H12  | 000571-61-9 | 91   |
| 5    |    | Naphthalene, 1,3-dimethyl- | 156 | C12H12  | 000575-41-7 | 90   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX110918\  
 Data File : VX005880.D  
 Acq On : 10 Nov 2018 00:24  
 Operator : JC/MD  
 Sample : J5889-03  
 Misc : 13.06g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 WALL-C

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260

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

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |        |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|--------|------|
|                      |       |         |       |          | #                     | RT    | Resp   | Conc |
| Benzene, 1-ethyl-... | 11.44 | 187.0   | ug/l  | 2077390  | 4                     | 12.08 | 555563 | 50.0 |
| Benzene, 2-propenyl- | 12.30 | 113.5   | ug/l  | 1261070  | 4                     | 12.08 | 555563 | 50.0 |
| 1H-Indene, 2,3-di... | 13.35 | 137.3   | ug/l  | 1525960  | 4                     | 12.08 | 555563 | 50.0 |
| Benzene, (1,2-dim... | 14.27 | 132.5   | ug/l  | 1472190  | 4                     | 12.08 | 555563 | 50.0 |
| Naphthalene, 1,2,... | 14.54 | 96.8    | ug/l  | 1075180  | 4                     | 12.08 | 555563 | 50.0 |
| Naphthalene, 1-me... | 14.70 | 322.7   | ug/l  | 3585820  | 4                     | 12.08 | 555563 | 50.0 |
| Naphthalene, 1,7-... | 15.55 | 180.7   | ug/l  | 2008300  | 4                     | 12.08 | 555563 | 50.0 |
| Naphthalene, 2,3-... | 15.69 | 202.2   | ug/l  | 2246370  | 4                     | 12.08 | 555563 | 50.0 |
| Naphthalene, 2,7-... | 15.73 | 103.6   | ug/l  | 1151500  | 4                     | 12.08 | 555563 | 50.0 |