

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
 Data File : VX029581.D  
 Acq On : 18 Jun 2022 19:42  
 Operator : JC/MD  
 Sample : N3290-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6

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\82X061822W.M  
 Title : SW846 8260

Signal : TIC: VX029581.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         | 1.752       | 103           | 109         | 121          | rVB      | 153334         | 214118        | 1.02%           | 0.115%        |
| 2         | 2.782       | 259           | 278         | 281          | rBV2     | 94159          | 242804        | 1.16%           | 0.131%        |
| 3         | 2.825       | 281           | 285         | 289          | rVV      | 163468         | 348913        | 1.66%           | 0.188%        |
| 4         | 2.867       | 289           | 292         | 306          | rVB2     | 176913         | 385568        | 1.83%           | 0.207%        |
| 5         | 3.105       | 320           | 331         | 349          | rVB      | 165414         | 376781        | 1.79%           | 0.203%        |
| 6         | 4.306       | 518           | 528         | 540          | rVB2     | 569608         | 1616391       | 7.69%           | 0.869%        |
| 7         | 5.391       | 689           | 706         | 712          | rBV      | 156876         | 474904        | 2.26%           | 0.255%        |
| 8         | 5.477       | 712           | 720         | 727          | rVV      | 188199         | 558802        | 2.66%           | 0.300%        |
| 9         | 5.556       | 727           | 733         | 742          | rVB2     | 224511         | 599504        | 2.85%           | 0.322%        |
| 10        | 5.958       | 790           | 799         | 804          | rVV2     | 162372         | 415357        | 1.98%           | 0.223%        |
| 11        | 6.044       | 804           | 813         | 825          | rVV      | 2977758        | 7875485       | 37.47%          | 4.234%        |
| 12        | 6.202       | 825           | 839         | 844          | rVV2     | 169125         | 679289        | 3.23%           | 0.365%        |
| 13        | 6.257       | 845           | 848         | 857          | rVV4     | 117405         | 286966        | 1.37%           | 0.154%        |
| 14        | 6.361       | 857           | 865         | 878          | rVB4     | 80582          | 247044        | 1.18%           | 0.133%        |
| 15        | 6.763       | 922           | 931         | 940          | rBV      | 438208         | 1083055       | 5.15%           | 0.582%        |
| 16        | 6.848       | 940           | 945         | 958          | rVB3     | 78042          | 215029        | 1.02%           | 0.116%        |
| 17        | 7.379       | 1020          | 1032        | 1044         | rBV5     | 335411         | 918072        | 4.37%           | 0.494%        |
| 18        | 8.110       | 1143          | 1152        | 1154         | rBV      | 135667         | 253911        | 1.21%           | 0.136%        |
| 19        | 8.147       | 1154          | 1158        | 1163         | rVB      | 236901         | 405644        | 1.93%           | 0.218%        |
| 20        | 8.507       | 1210          | 1217        | 1226         | rVB      | 255499         | 419724        | 2.00%           | 0.226%        |
| 21        | 8.653       | 1235          | 1241        | 1247         | rVB      | 855127         | 1326475       | 6.31%           | 0.713%        |
| 22        | 8.720       | 1247          | 1252        | 1258         | rVB      | 585923         | 873159        | 4.15%           | 0.469%        |
| 23        | 10.055      | 1467          | 1471        | 1476         | rVB      | 818107         | 1087838       | 5.18%           | 0.585%        |
| 24        | 10.195      | 1489          | 1494        | 1500         | rBV      | 9128472        | 12116157      | 57.65%          | 6.513%        |
| 25        | 10.305      | 1506          | 1512        | 1518         | rVB      | 11318119       | 15296919      | 72.79%          | 8.223%        |
| 26        | 10.646      | 1562          | 1568        | 1578         | rVB      | 4515077        | 5883278       | 27.99%          | 3.163%        |
| 27        | 10.963      | 1614          | 1620        | 1626         | rVB      | 2301200        | 2871099       | 13.66%          | 1.543%        |
| 28        | 11.085      | 1635          | 1640        | 1644         | rBV      | 654564         | 836915        | 3.98%           | 0.450%        |
| 29        | 11.305      | 1667          | 1676        | 1682         | rBV      | 5936467        | 7415676       | 35.29%          | 3.986%        |
| 30        | 11.384      | 1682          | 1689        | 1691         | rBV      | 885174         | 1375973       | 6.55%           | 0.740%        |
| 31        | 11.451      | 1696          | 1700        | 1707         | rVB      | 5518856        | 6968806       | 33.16%          | 3.746%        |
| 32        | 11.616      | 1721          | 1727        | 1736         | rVB      | 3662615        | 4510014       | 21.46%          | 2.424%        |
| 33        | 11.756      | 1744          | 1750        | 1755         | rBV      | 11645700       | 14275481      | 67.93%          | 7.674%        |
| 34        | 11.866      | 1763          | 1768        | 1770         | rBV      | 222705         | 294123        | 1.40%           | 0.158%        |
| 35        | 11.890      | 1770          | 1772        | 1779         | rVB      | 371081         | 436057        | 2.07%           | 0.234%        |
| 36        | 12.024      | 1789          | 1794        | 1799         | rVB2     | 932742         | 1195556       | 5.69%           | 0.643%        |

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 Sample : N3290-05  
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 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6

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\82X061822W.M  
 Title : SW846 8260

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 37 | 12.091 | 1799 | 1805 | 1810 | rBV  | 4270821  | 5359706  | 25.50%  | 2.881%  |
| 38 | 12.250 | 1825 | 1831 | 1837 | rBV  | 15395807 | 21016339 | 100.00% | 11.298% |
| 39 | 12.317 | 1837 | 1842 | 1850 | rVB2 | 2500611  | 3466307  | 16.49%  | 1.863%  |
| 40 | 12.408 | 1852 | 1857 | 1862 | rVB  | 833101   | 1027402  | 4.89%   | 0.552%  |
| 41 | 12.463 | 1862 | 1866 | 1872 | rVB  | 455120   | 554871   | 2.64%   | 0.298%  |
| 42 | 12.530 | 1872 | 1877 | 1880 | rBV  | 1106841  | 1490558  | 7.09%   | 0.801%  |
| 43 | 12.616 | 1886 | 1891 | 1894 | rBV  | 8872933  | 10400399 | 49.49%  | 5.591%  |
| 44 | 12.646 | 1894 | 1896 | 1900 | rVV  | 1017685  | 1064399  | 5.06%   | 0.572%  |
| 45 | 12.701 | 1900 | 1905 | 1913 | rVB2 | 3322582  | 4749839  | 22.60%  | 2.553%  |
| 46 | 12.847 | 1924 | 1929 | 1934 | rVB2 | 413207   | 542292   | 2.58%   | 0.292%  |
| 47 | 12.920 | 1934 | 1941 | 1945 | rBV  | 3997973  | 5134880  | 24.43%  | 2.760%  |
| 48 | 12.963 | 1945 | 1948 | 1954 | rVB  | 2366801  | 2706902  | 12.88%  | 1.455%  |
| 49 | 13.024 | 1954 | 1958 | 1960 | rBV  | 189762   | 256439   | 1.22%   | 0.138%  |
| 50 | 13.170 | 1978 | 1982 | 1992 | rVB  | 3429384  | 4108813  | 19.55%  | 2.209%  |
| 51 | 13.292 | 1997 | 2002 | 2009 | rVV2 | 7216918  | 10045286 | 47.80%  | 5.400%  |
| 52 | 13.372 | 2009 | 2015 | 2019 | rVV2 | 192625   | 318921   | 1.52%   | 0.171%  |
| 53 | 13.420 | 2019 | 2023 | 2031 | rVB  | 1188483  | 1546677  | 7.36%   | 0.831%  |
| 54 | 13.506 | 2031 | 2037 | 2040 | rBV2 | 193901   | 279918   | 1.33%   | 0.150%  |
| 55 | 13.542 | 2040 | 2043 | 2046 | rVV  | 445493   | 591158   | 2.81%   | 0.318%  |
| 56 | 13.585 | 2046 | 2050 | 2056 | rVV3 | 620267   | 1122312  | 5.34%   | 0.603%  |
| 57 | 13.646 | 2056 | 2060 | 2061 | rVV  | 251173   | 366970   | 1.75%   | 0.197%  |
| 58 | 13.664 | 2061 | 2063 | 2069 | rVB2 | 493144   | 747227   | 3.56%   | 0.402%  |
| 59 | 13.780 | 2075 | 2082 | 2091 | rBV  | 6528914  | 8635700  | 41.09%  | 4.642%  |
| 60 | 13.926 | 2100 | 2106 | 2110 | rBV2 | 263284   | 364697   | 1.74%   | 0.196%  |
| 61 | 13.969 | 2110 | 2113 | 2118 | rVB  | 218226   | 262885   | 1.25%   | 0.141%  |
| 62 | 14.079 | 2126 | 2131 | 2136 | rBV  | 412523   | 521092   | 2.48%   | 0.280%  |
| 63 | 14.219 | 2148 | 2154 | 2163 | rBV2 | 359557   | 638835   | 3.04%   | 0.343%  |
| 64 | 14.323 | 2167 | 2171 | 2175 | rVV  | 177799   | 219731   | 1.05%   | 0.118%  |
| 65 | 14.371 | 2175 | 2179 | 2185 | rVB  | 243229   | 317548   | 1.51%   | 0.171%  |
| 66 | 14.640 | 2218 | 2223 | 2233 | rVB  | 1698963  | 2165141  | 10.30%  | 1.164%  |
| 67 | 14.780 | 2241 | 2246 | 2256 | rBV  | 1265015  | 1617156  | 7.69%   | 0.869%  |

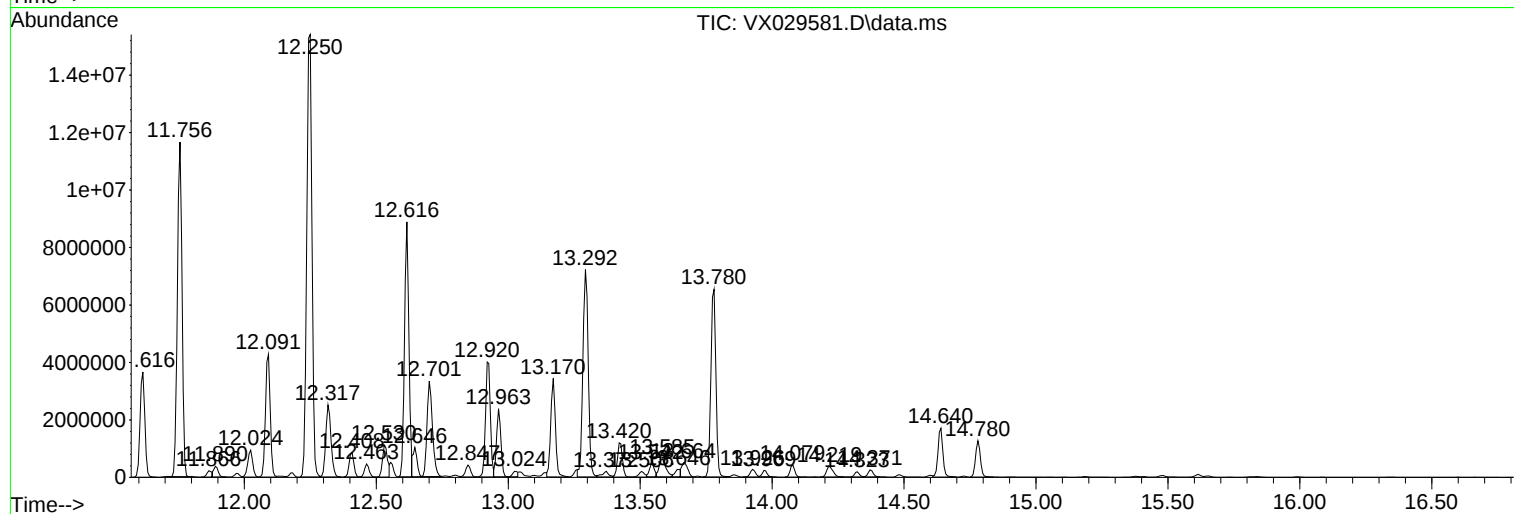
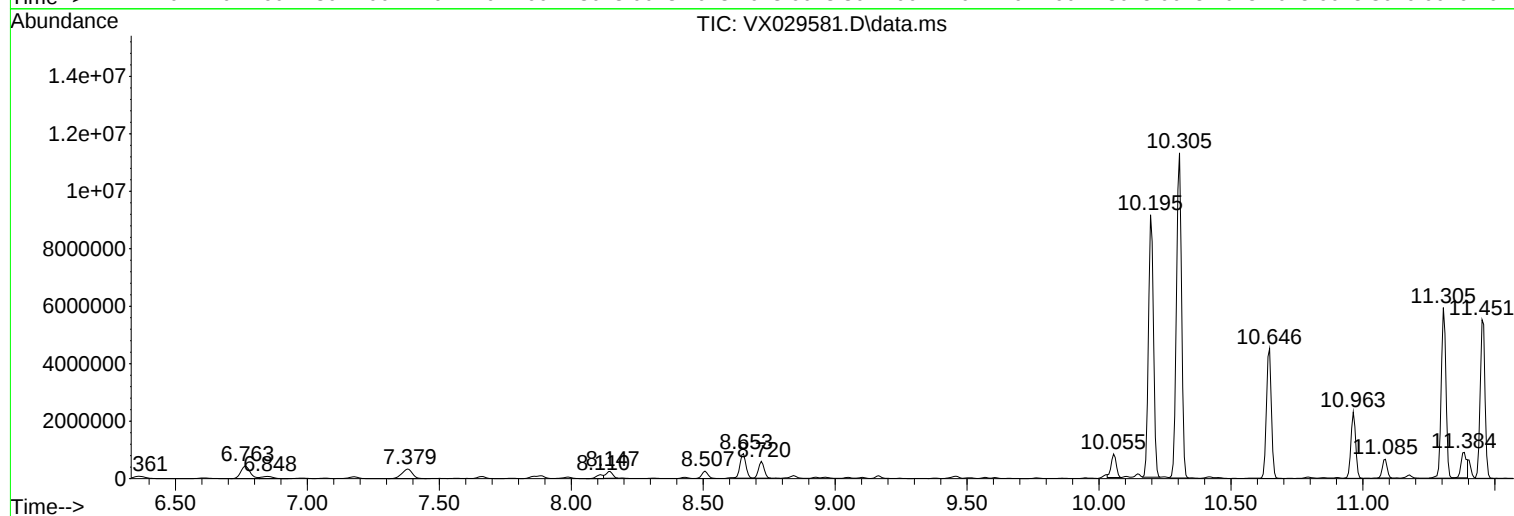
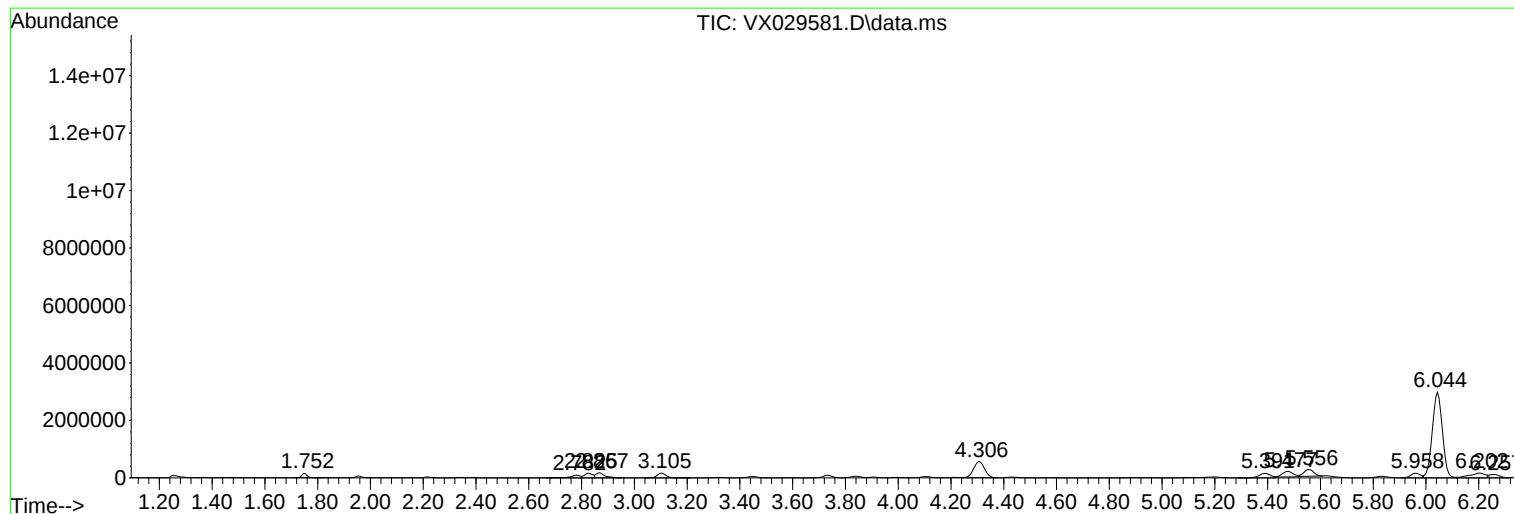
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ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

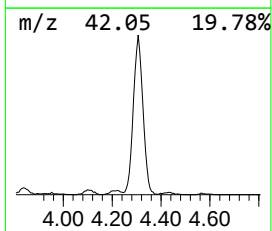
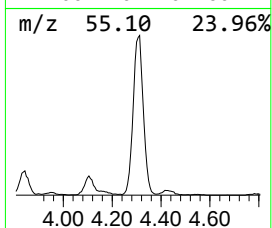
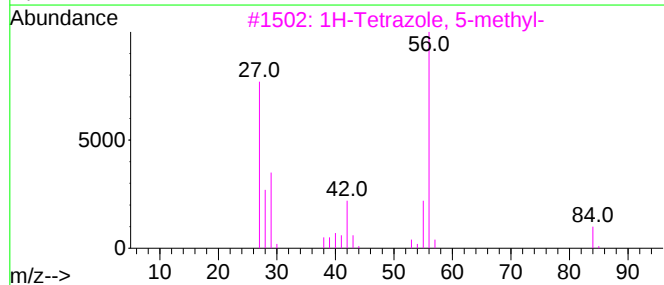
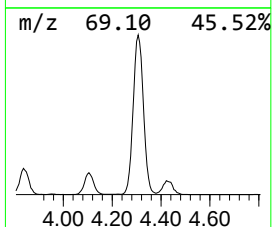
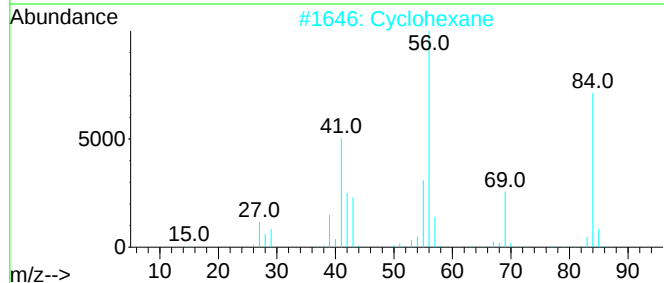
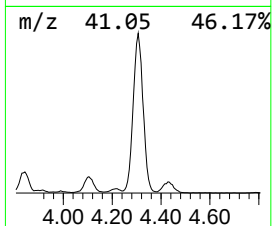
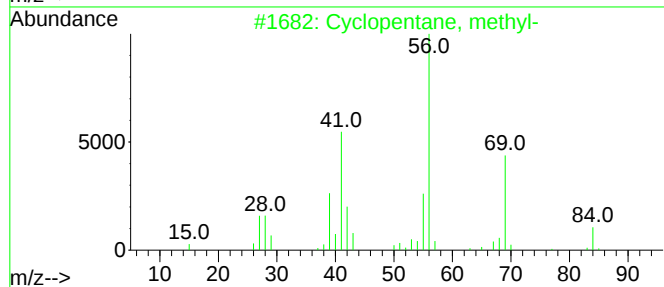
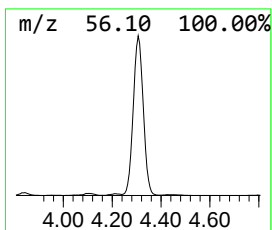
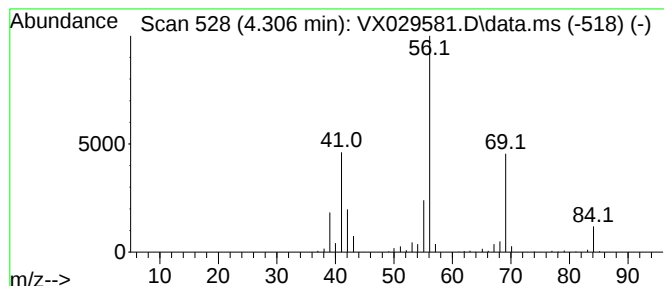
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Cyclopentane, methyl- Concentration Rank 9

| R.T.  | EstConc     | Area    | Relative to ISTD   | R.T.  |
|-------|-------------|---------|--------------------|-------|
| 4.306 | 134.81 ug/l | 1616390 | Pentafluorobenzene | 5.556 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclopentane, methyl-               | 84  | C6H12   | 000096-37-7 | 94   |
| 2    |    |   | Cyclohexane                         | 84  | C6H12   | 000110-82-7 | 83   |
| 3    |    |   | 1H-Tetrazole, 5-methyl-             | 84  | C2H4N4  | 004076-36-2 | 72   |
| 4    |    |   | Cyclobutane, ethyl-                 | 84  | C6H12   | 004806-61-5 | 59   |
| 5    |    |   | 2H-Pyran-2,6(3H)-dione, dihydro-... | 142 | C7H10O3 | 004160-82-1 | 50   |



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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

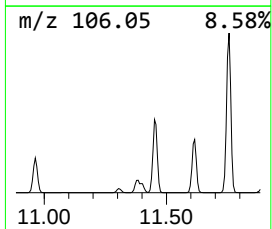
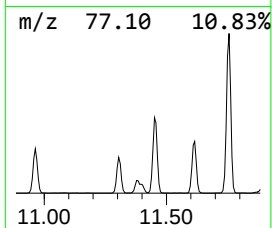
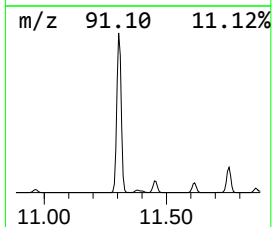
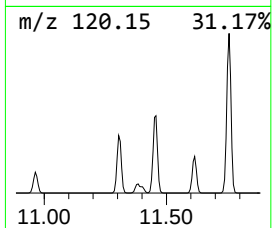
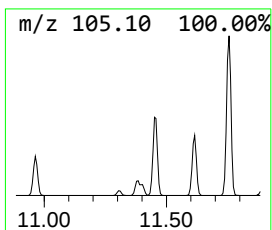
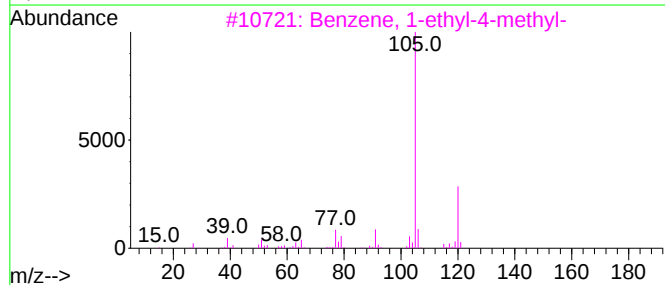
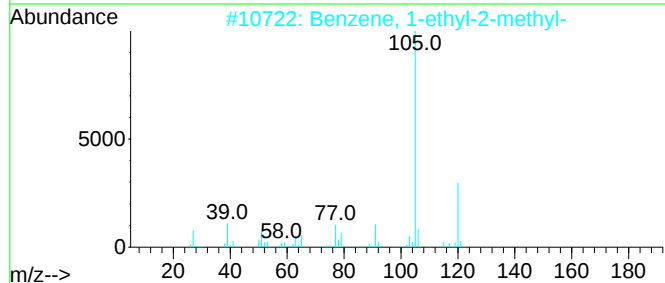
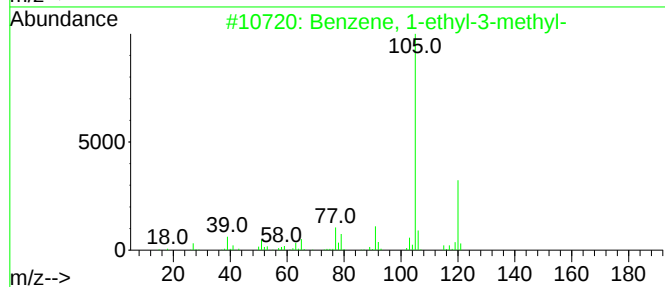
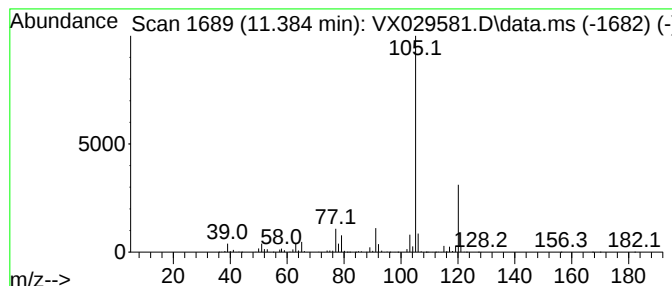
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 11.384 | 57.55 ug/l | 1375970 | 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 | 95   |
| 2    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



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Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

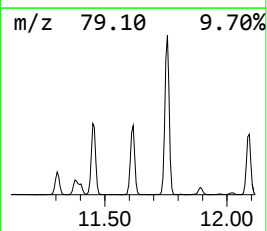
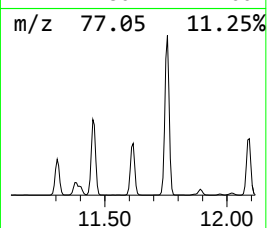
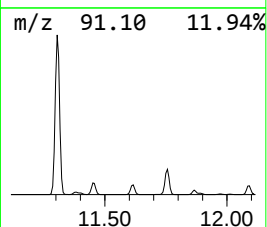
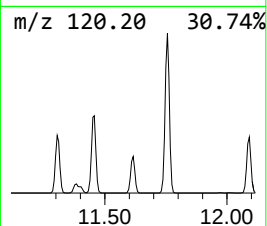
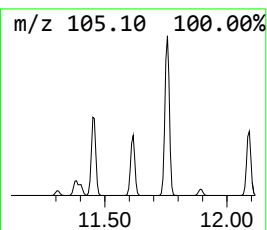
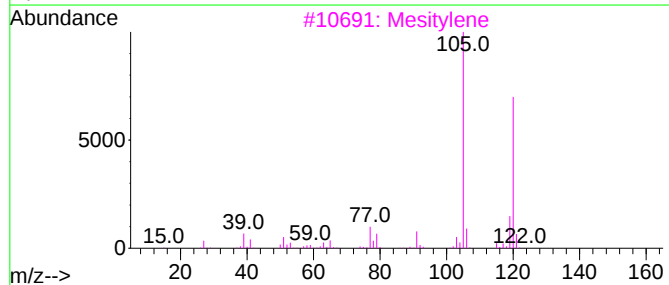
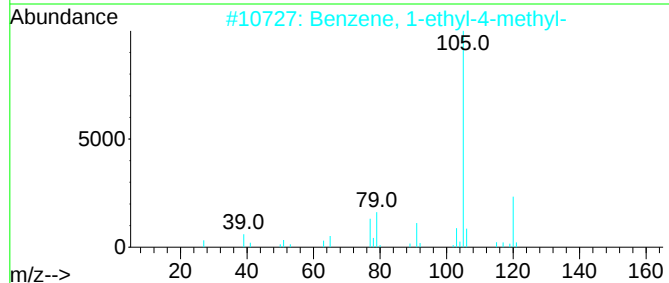
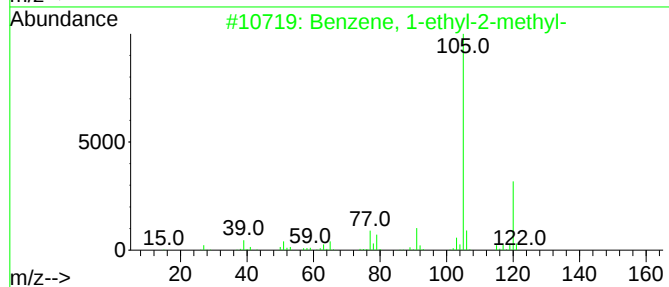
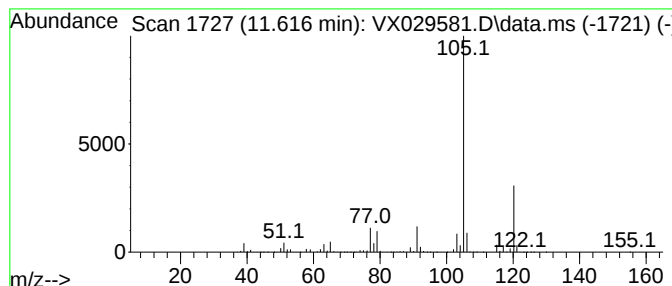
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 11.616 | 188.62 ug/l | 4510010 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 94   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 3    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

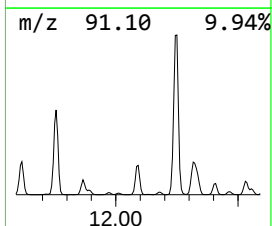
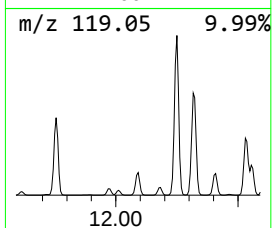
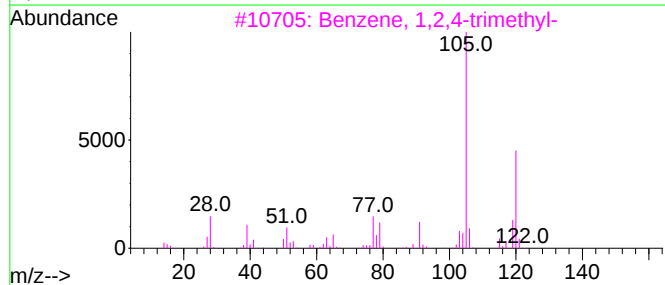
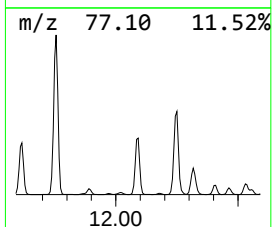
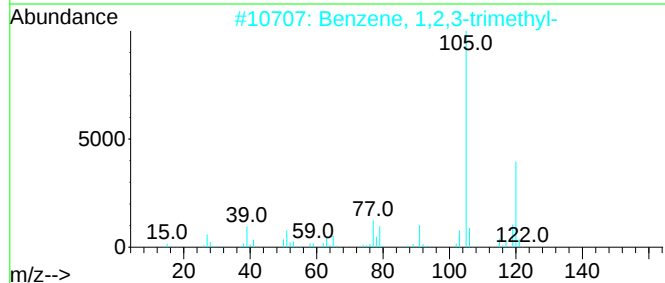
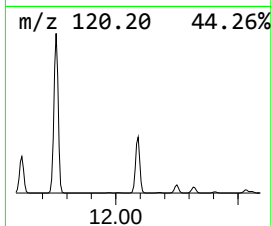
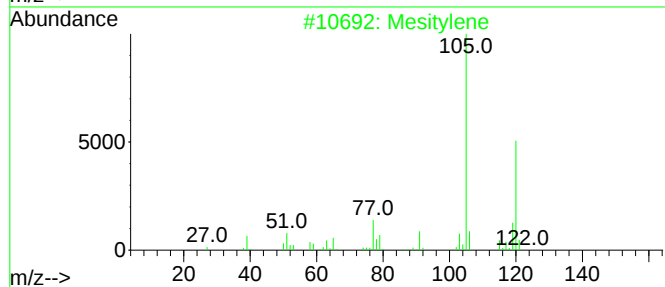
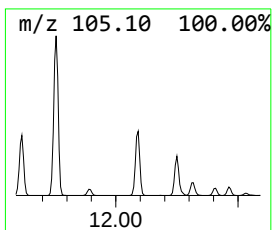
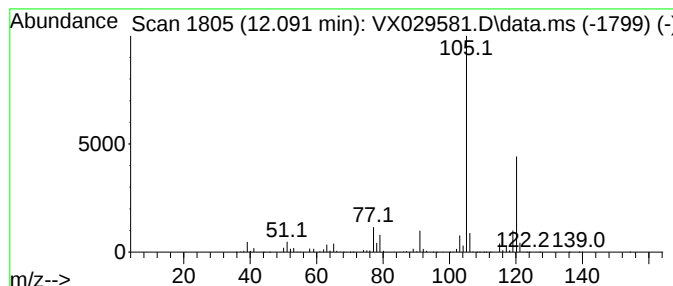
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 4

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.091 | 224.15 ug/l | 5359710 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 97   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 95   |
| 3    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 4    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 91   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

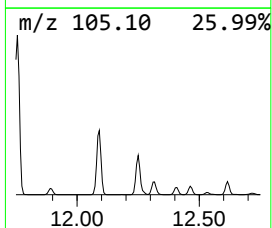
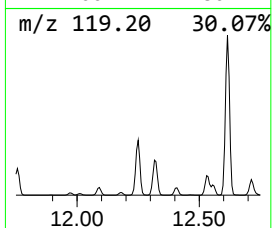
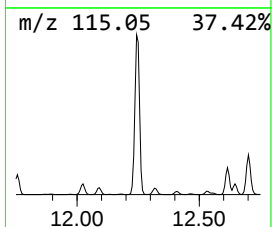
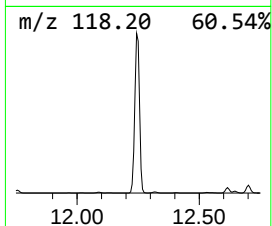
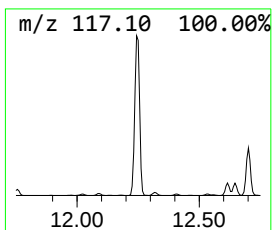
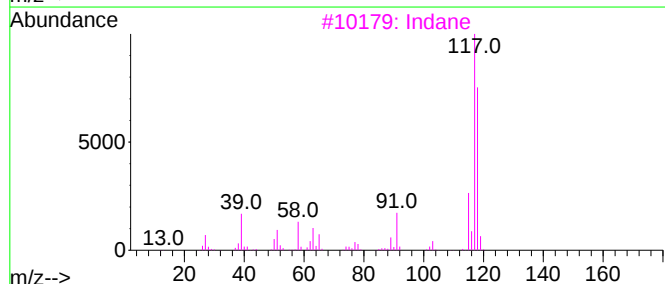
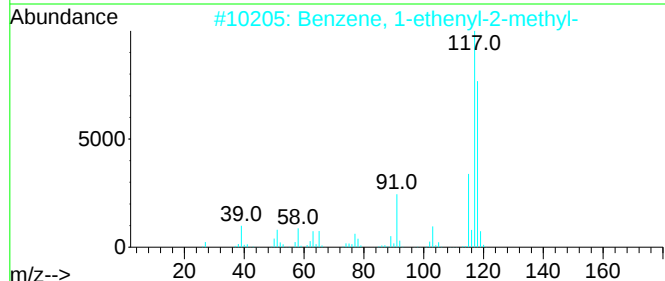
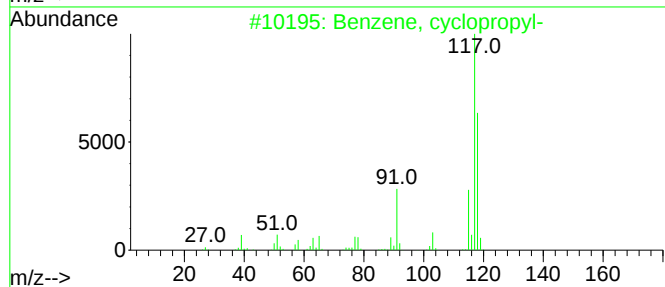
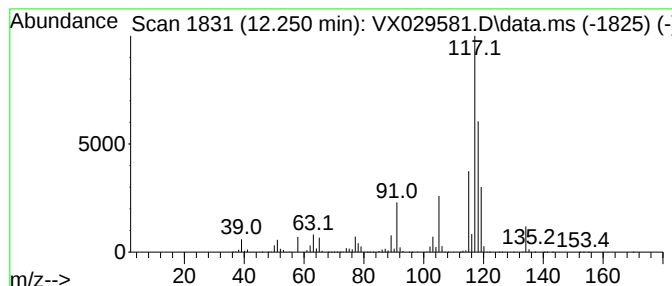
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 Benzene, cyclopropyl- Concentration Rank 1

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 12.250 | 878.94 ug/l | 21016300 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, cyclopropyl-        | 118 | C9H10   | 000873-49-4 | 91   |
| 2    |    |   | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 91   |
| 3    |    |   | Indane                       | 118 | C9H10   | 000496-11-7 | 64   |
| 4    |    |   | Benzene, 2-propenyl-         | 118 | C9H10   | 000300-57-2 | 64   |
| 5    |    |   | Benzene, 1-propenyl-         | 118 | C9H10   | 000637-50-3 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

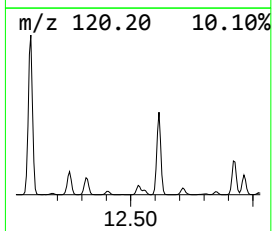
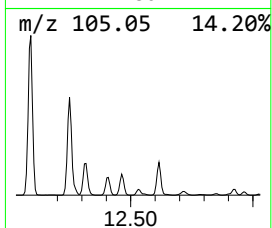
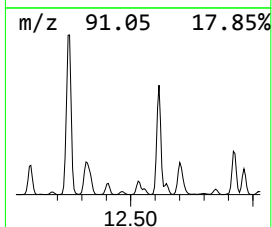
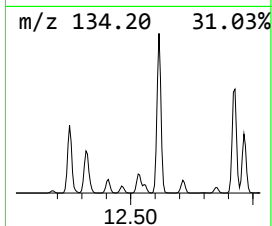
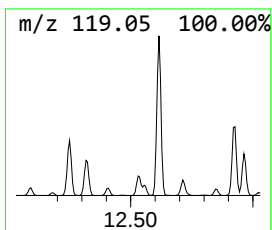
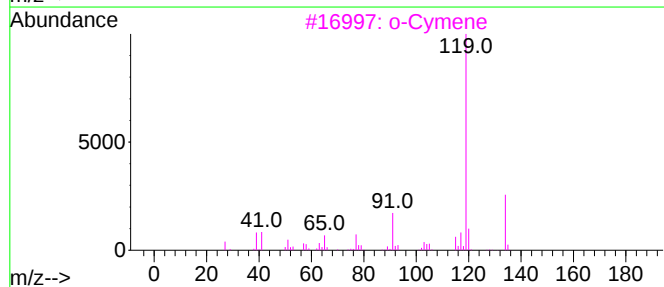
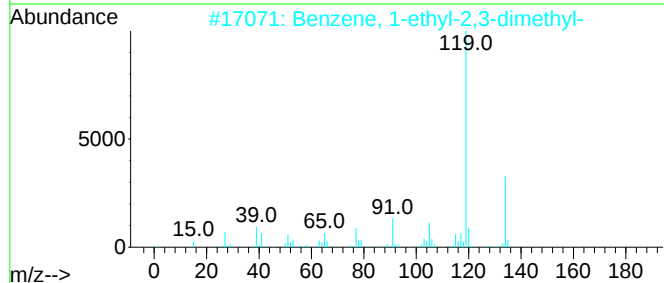
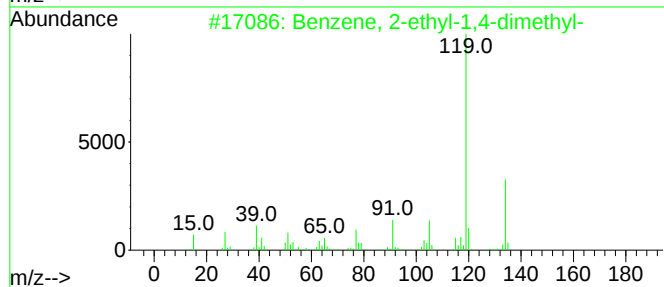
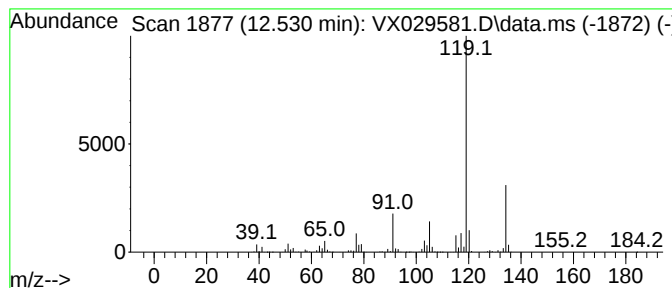
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 14

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 12.530 | 62.34 ug/l | 1490560 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 2-ethyl-1,4-dimethyl-      | 134 | C10H14  | 001758-88-9 | 97   |
| 2    |    |   | Benzene, 1-ethyl-2,3-dimethyl-      | 134 | C10H14  | 000933-98-2 | 95   |
| 3    |    |   | o-Cymene                            | 134 | C10H14  | 000527-84-4 | 95   |
| 4    |    |   | Benzene, 4-ethyl-1,2-dimethyl-      | 134 | C10H14  | 000934-80-5 | 94   |
| 5    |    |   | Benzene, 1-methyl-3-(1-methyleth... | 134 | C10H14  | 000535-77-3 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

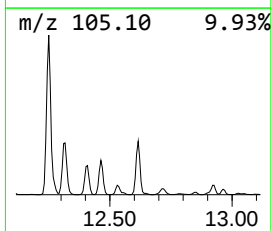
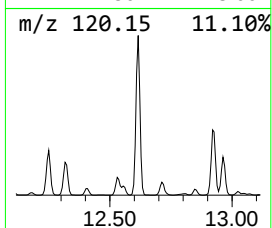
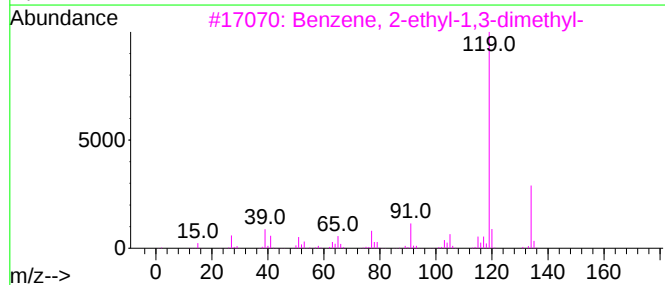
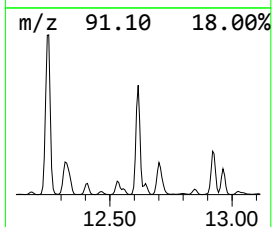
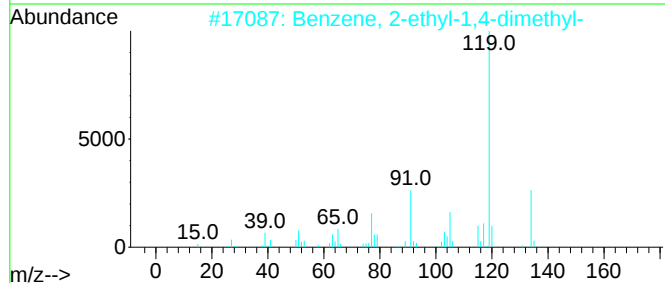
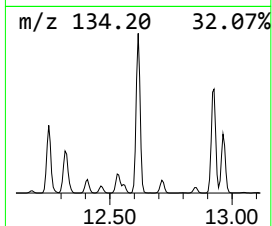
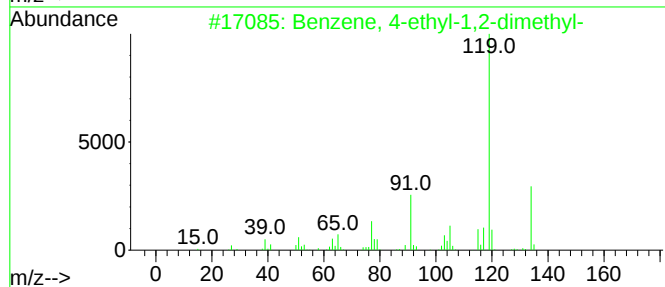
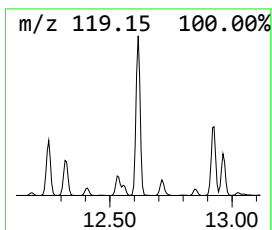
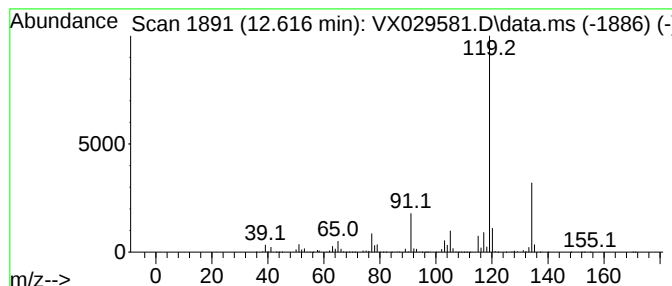
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 2

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 12.616 | 434.96 ug/l | 10400400 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 96   |
| 2    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 96   |
| 3    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 95   |
| 5    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

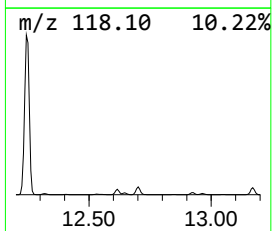
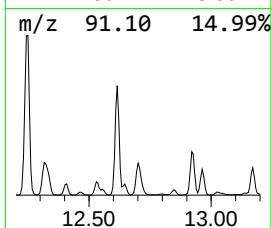
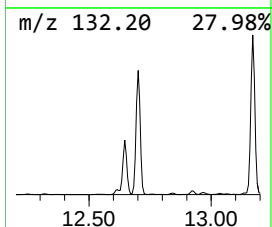
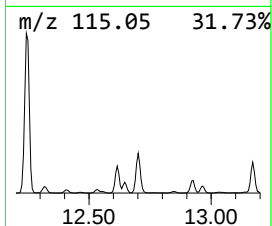
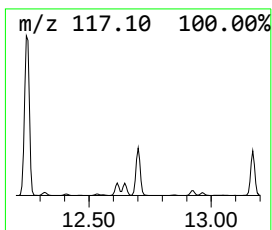
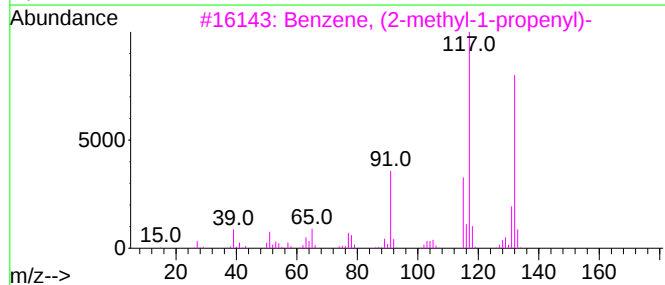
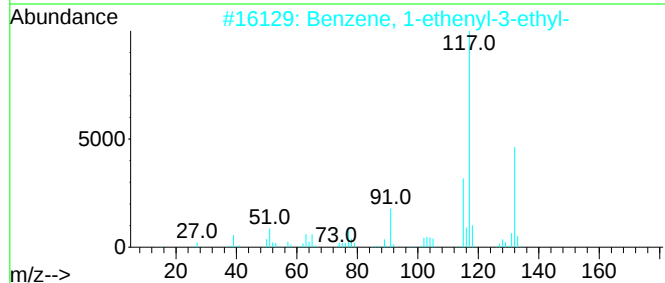
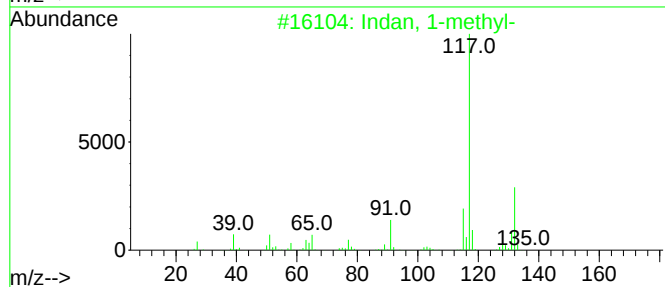
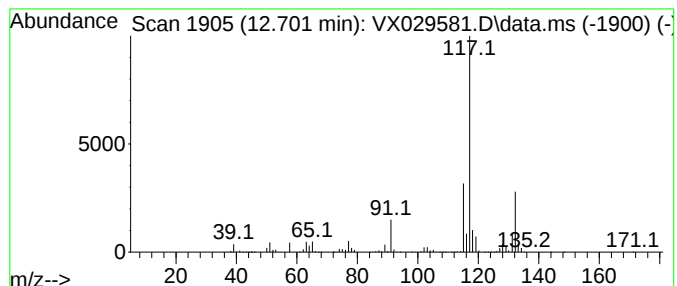
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 8 Indan, 1-methyl- Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.701 | 198.65 ug/l | 4749840 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indan, 1-methyl-                | 132 | C10H12  | 000767-58-8 | 93   |
| 2    |    |   | Benzene, 1-ethenyl-3-ethyl-     | 132 | C10H12  | 007525-62-4 | 90   |
| 3    |    |   | Benzene, (2-methyl-1-propenyl)- | 132 | C10H12  | 000768-49-0 | 90   |
| 4    |    |   | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12  | 003290-53-7 | 87   |
| 5    |    |   | 1-Methyl-2-phenylcyclopropane   | 132 | C10H12  | 003145-76-4 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

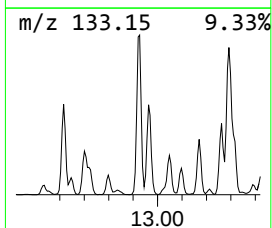
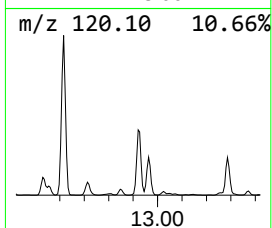
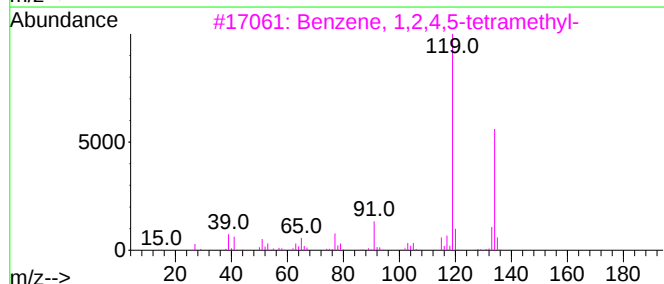
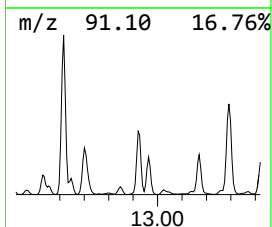
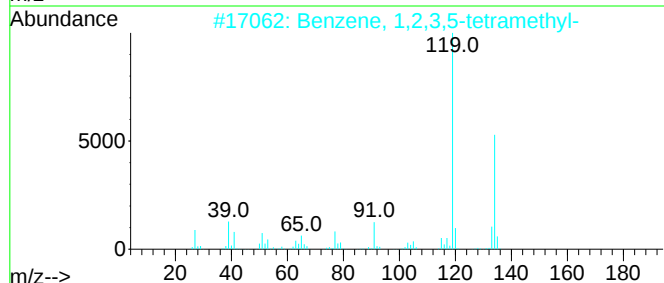
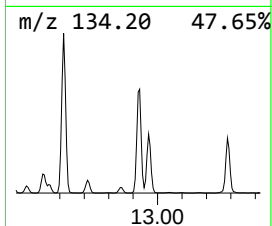
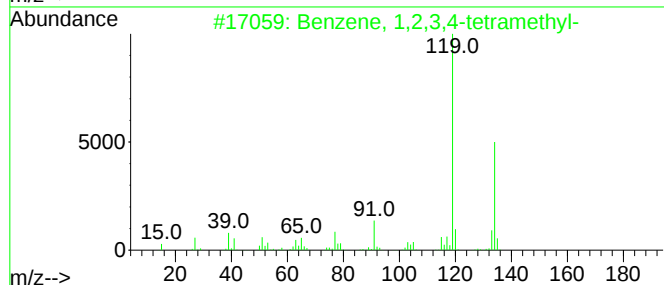
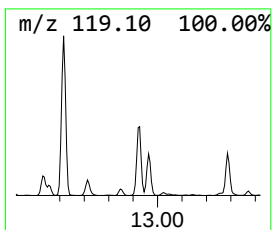
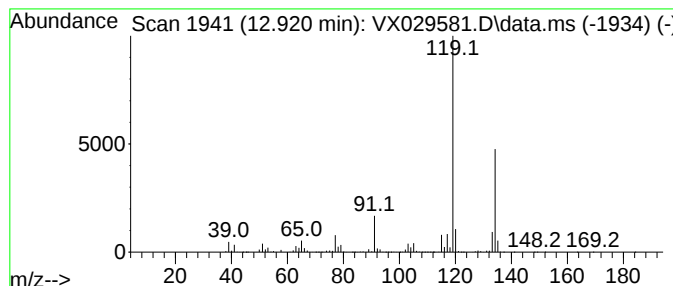
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.920 | 214.75 ug/l | 5134880 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 2    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 97   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 4    |    |   | o-Cymene                       | 134 | C10H14  | 000527-84-4 | 94   |
| 5    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

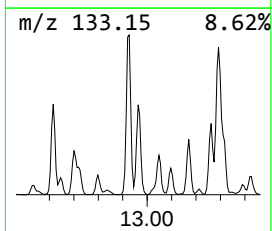
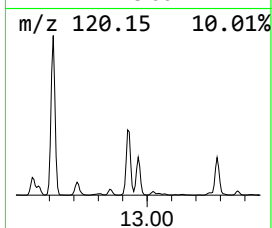
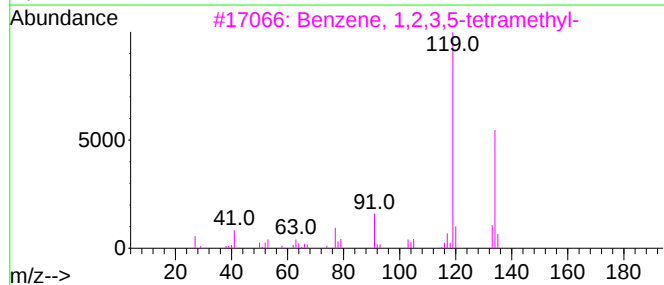
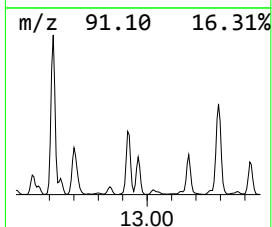
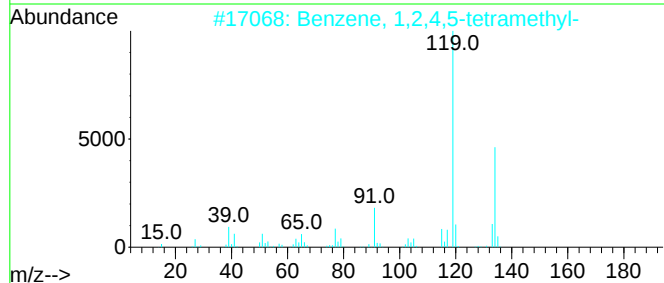
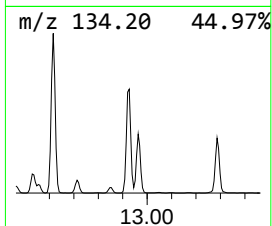
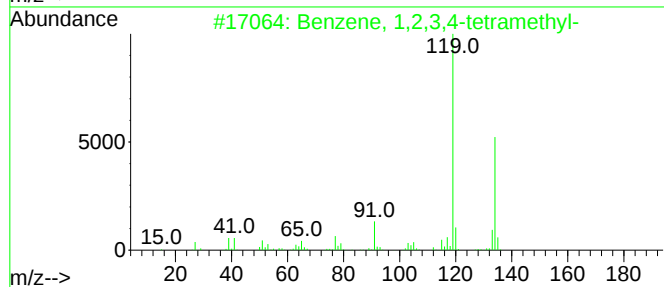
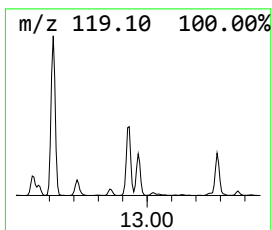
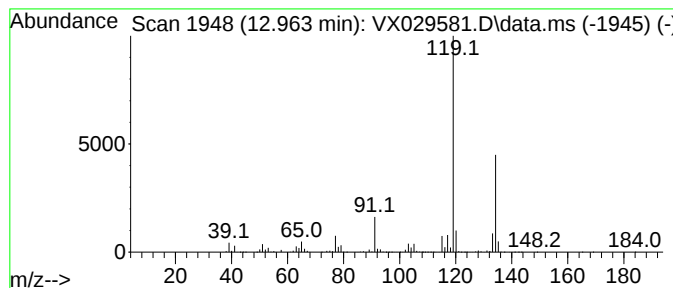
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 10

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 12.963 | 113.21 ug/l | 2706900 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 2    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 3    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 96   |
| 4    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 94   |
| 5    |    |   | Benzene, 1-ethyl-3,5-dimethyl- | 134 | C10H14  | 000934-74-7 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

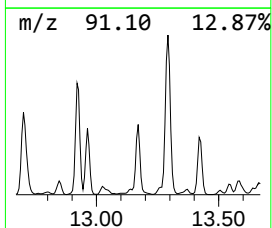
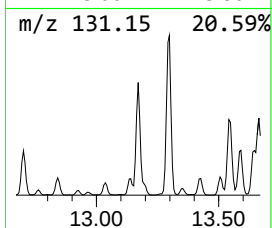
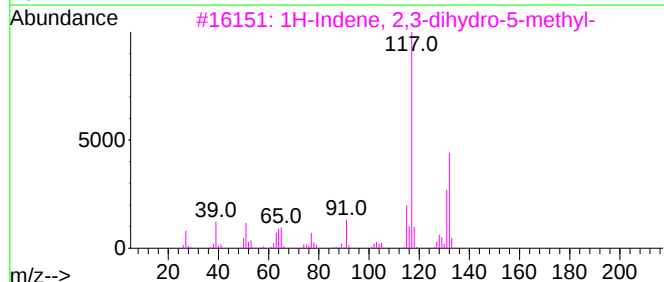
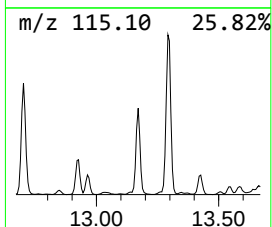
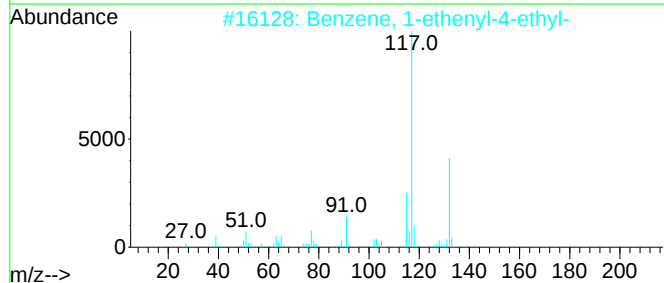
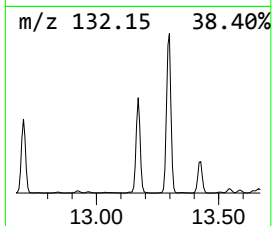
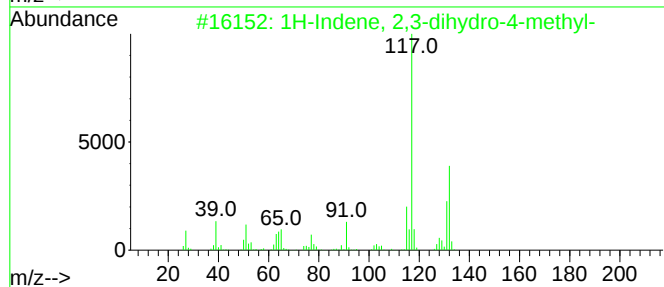
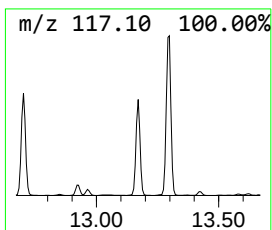
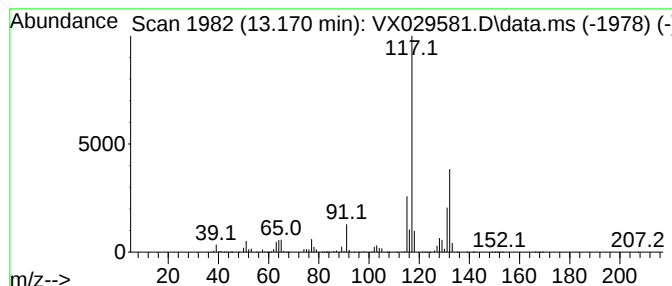
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 11 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 13.170 | 171.84 ug/l | 4108810 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 95   |
| 2    |      | Benzene, 1-ethenyl-4-ethyl-      | 132 | C10H12  | 003454-07-7 | 94   |
| 3    |      | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 93   |
| 4    |      | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 90   |
| 5    |      | Indan, 1-methyl-                 | 132 | C10H12  | 000767-58-8 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

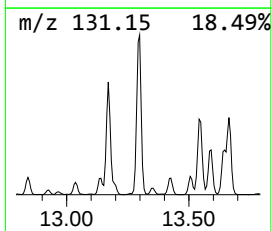
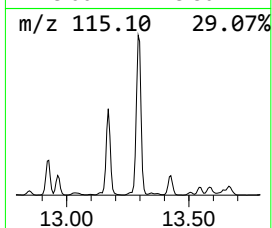
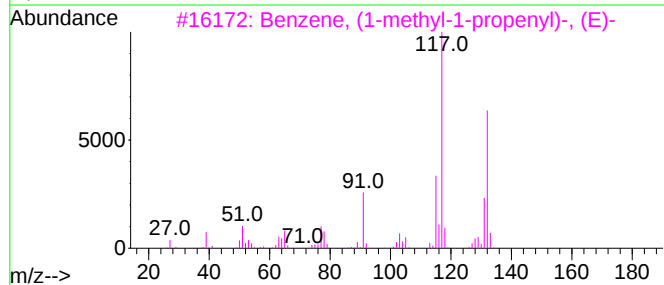
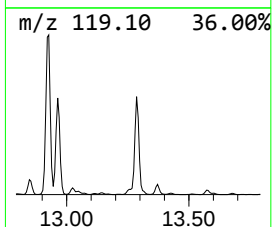
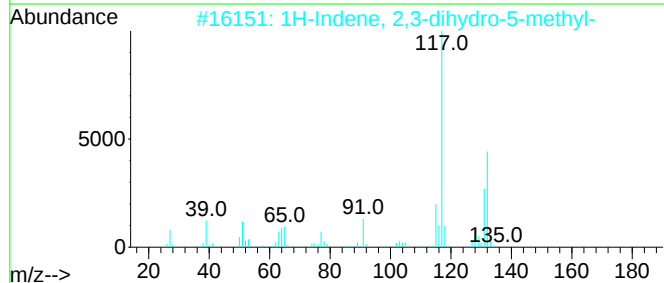
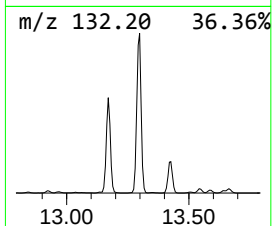
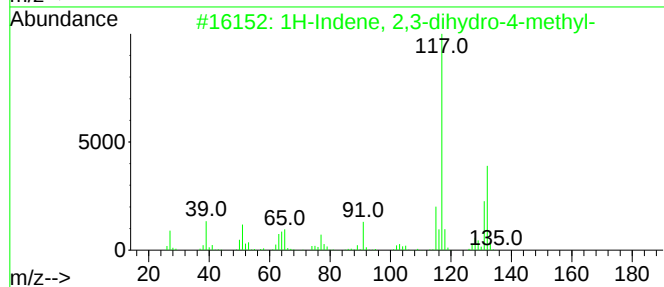
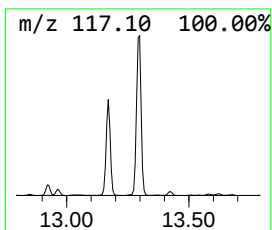
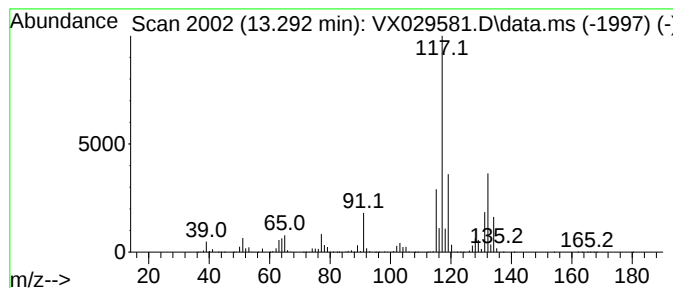
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 12 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 3

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 13.292 | 420.11 ug/l | 10045300 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5                                | Tentative ID | MW     | MolForm | CAS#        | Qual |
|------|-------------------------------------|--------------|--------|---------|-------------|------|
| 1    | 1H-Indene, 2,3-dihydro-4-methyl-    | 132          | C10H12 |         | 000824-22-6 | 93   |
| 2    | 1H-Indene, 2,3-dihydro-5-methyl-    | 132          | C10H12 |         | 000874-35-1 | 89   |
| 3    | Benzene, (1-methyl-1-propenyl)-,... | 132          | C10H12 |         | 000768-00-3 | 87   |
| 4    | Benzene, 1-methyl-2-(2-propenyl)-   | 132          | C10H12 |         | 001587-04-8 | 87   |
| 5    | 3-Phenylbut-1-ene                   | 132          | C10H12 |         | 000934-10-1 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

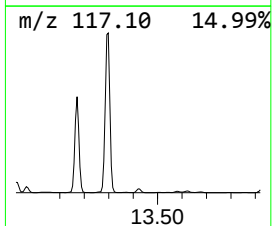
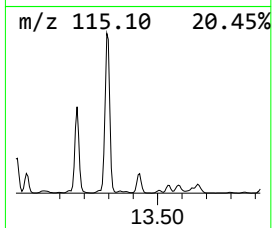
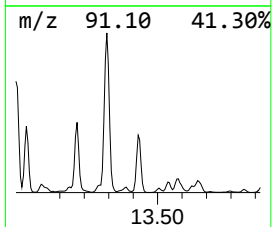
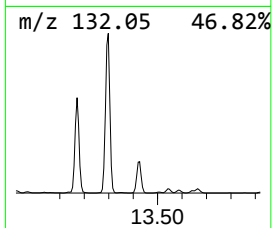
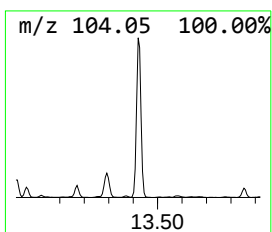
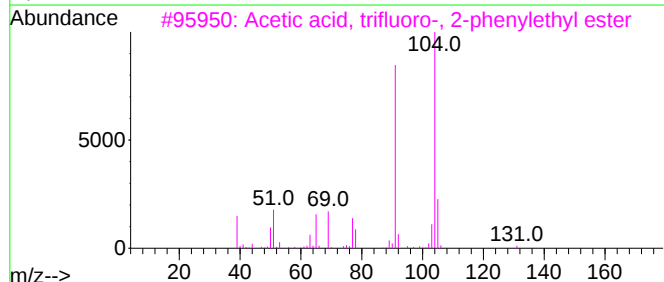
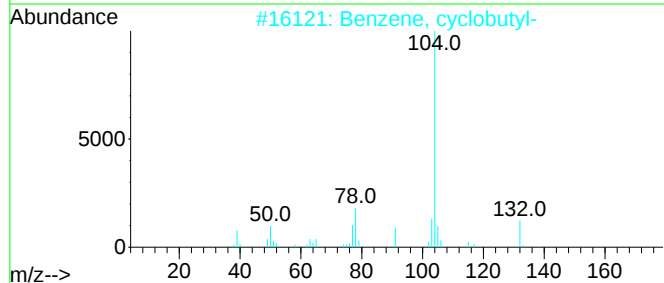
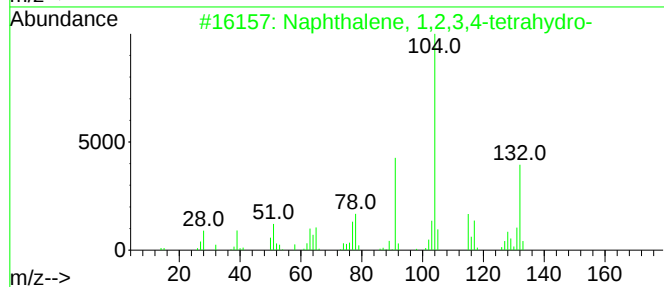
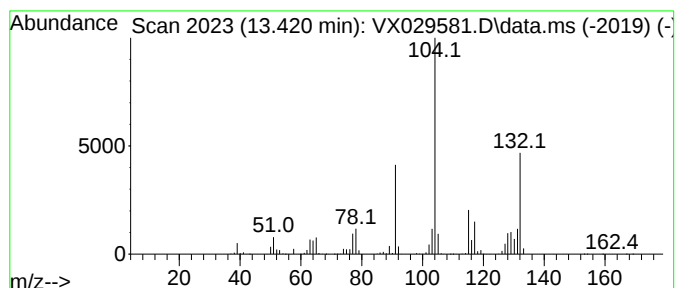
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro... Concentration Rank 13

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 13.420 | 64.68 ug/l | 1546680 | 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 | 91   |
| 2    |    |   | Benzene, cyclobutyl-                | 132 | C10H12      | 004392-30-7 | 40   |
| 3    |    |   | Acetic acid, trifluoro-, 2-pheny... | 218 | C10H9F3O2   | 055419-66-4 | 35   |
| 4    |    |   | Acetic acid, 2-phenylethyl ester    | 164 | C10H12O2    | 000103-45-7 | 35   |
| 5    |    |   | Dichloroacetic acid, 2-phenyleth... | 232 | C10H10Cl2O2 | 209982-02-5 | 27   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

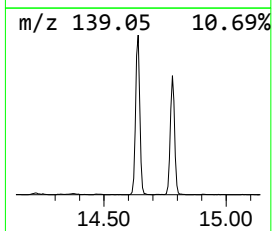
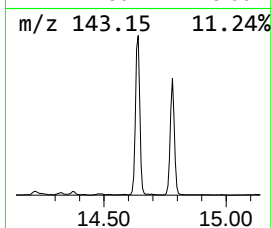
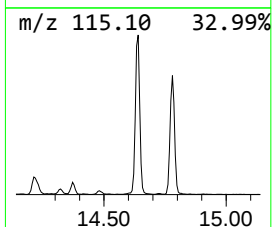
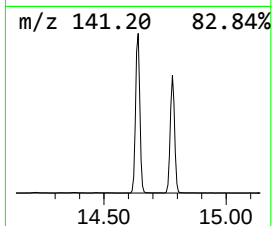
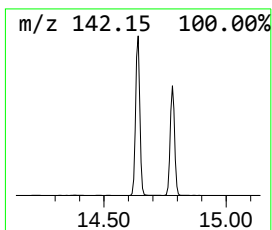
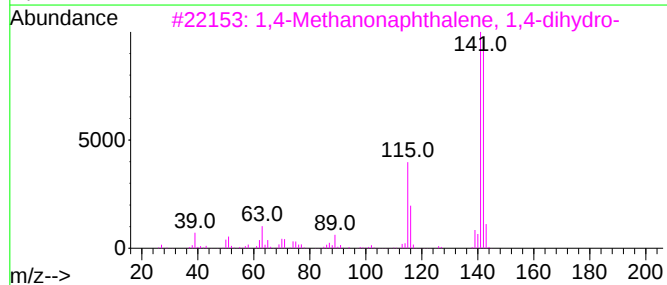
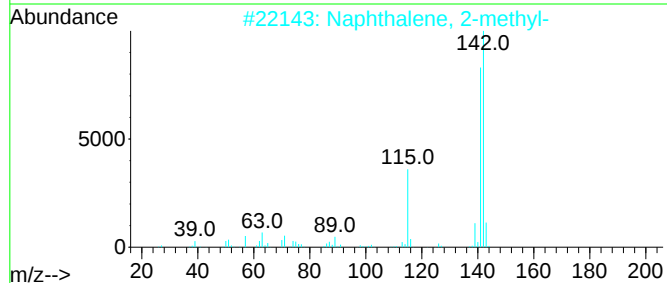
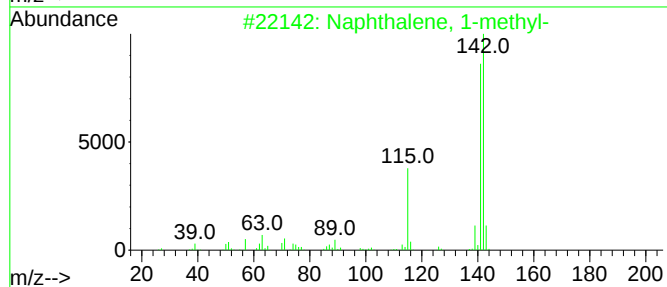
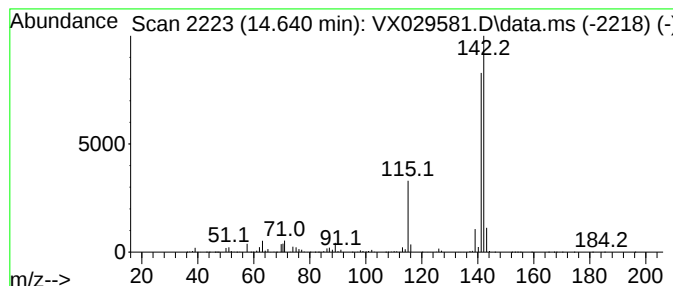
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

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

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Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 11

| R.T.      | EstConc                             | Area    | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|---------|------------------------|-------------|------|
| 14.640    | 90.55 ug/l                          | 2165140 | 1,4-Dichlorobenzene-d4 | 12.024      |      |
| Hit# of 5 | Tentative ID                        | MW      | MolForm                | CAS#        | Qual |
| 1         | Naphthalene, 1-methyl-              | 142     | C11H10                 | 000090-12-0 | 96   |
| 2         | Naphthalene, 2-methyl-              | 142     | C11H10                 | 000091-57-6 | 96   |
| 3         | 1,4-Methanonaphthalene, 1,4-dihy... | 142     | C11H10                 | 004453-90-1 | 91   |
| 4         | Benzocycloheptatriene               | 142     | C11H10                 | 000264-09-5 | 91   |
| 5         | 1H-Indene, 1-ethylidene-            | 142     | C11H10                 | 002471-83-2 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
Data File : VX029581.D  
Acq On : 18 Jun 2022 19:42  
Operator : JC/MD  
Sample : N3290-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.M  
Quant Title : SW846 8260

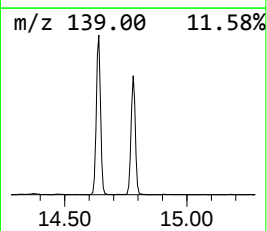
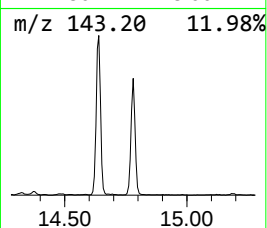
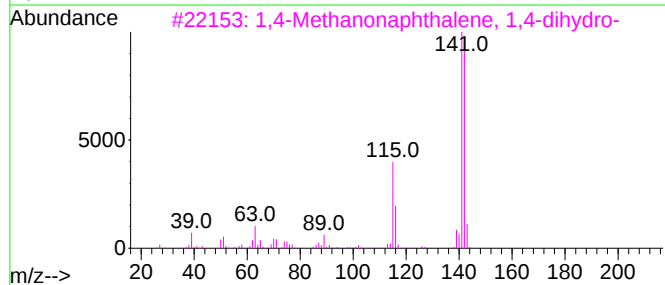
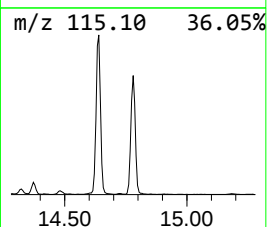
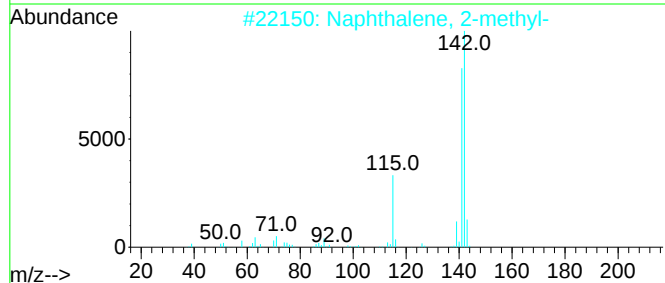
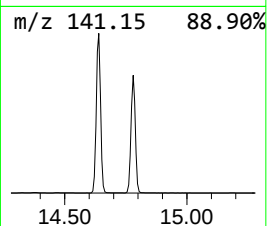
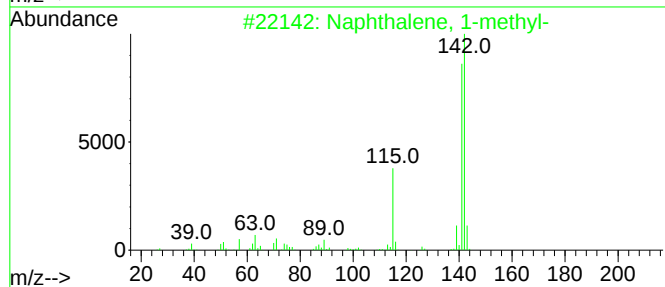
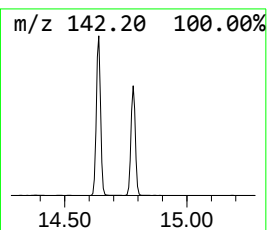
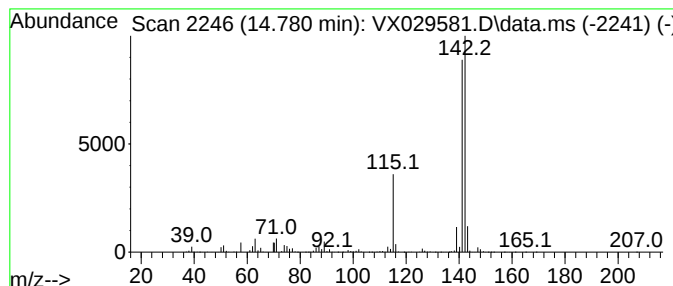
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 15 Naphthalene, 2-methyl- Concentration Rank 12

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 14.780 | 67.63 ug/l | 1617160 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 2    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 3    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 91   |
| 4    |    |   | Benzocycloheptatriene               | 142 | C11H10  | 000264-09-5 | 91   |
| 5    |    |   | 1H-Indene, 1-ethylidene-            | 142 | C11H10  | 002471-83-2 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061822\  
 Data File : VX029581.D  
 Acq On : 18 Jun 2022 19:42  
 Operator : JC/MD  
 Sample : N3290-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061822W.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 |
| Cyclopentane, m... | 4.306  | 134.8   | ug/l  | 1616390  | 1                     | 5.556  | 599504  | 50.0 |
| Benzene, 1-ethy... | 11.384 | 57.5    | ug/l  | 1375970  | 4                     | 12.024 | 1195560 | 50.0 |
| Benzene, 1-ethy... | 11.616 | 188.6   | ug/l  | 4510010  | 4                     | 12.024 | 1195560 | 50.0 |
| Benzene, 1,2,3-... | 12.091 | 224.2   | ug/l  | 5359710  | 4                     | 12.024 | 1195560 | 50.0 |
| Benzene, cyclop... | 12.250 | 878.9   | ug/l  | 21016300 | 4                     | 12.024 | 1195560 | 50.0 |
| Benzene, 2-ethy... | 12.530 | 62.3    | ug/l  | 1490560  | 4                     | 12.024 | 1195560 | 50.0 |
| Benzene, 4-ethy... | 12.616 | 435.0   | ug/l  | 10400400 | 4                     | 12.024 | 1195560 | 50.0 |
| Indan, 1-methyl-   | 12.701 | 198.7   | ug/l  | 4749840  | 4                     | 12.024 | 1195560 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 214.8   | ug/l  | 5134880  | 4                     | 12.024 | 1195560 | 50.0 |
| Benzene, 1,2,4,... | 12.963 | 113.2   | ug/l  | 2706900  | 4                     | 12.024 | 1195560 | 50.0 |
| 1H-Indene, 2,3-... | 13.170 | 171.8   | ug/l  | 4108810  | 4                     | 12.024 | 1195560 | 50.0 |
| 1H-Indene, 2,3-... | 13.292 | 420.1   | ug/l  | 10045300 | 4                     | 12.024 | 1195560 | 50.0 |
| Naphthalene, 1,... | 13.420 | 64.7    | ug/l  | 1546680  | 4                     | 12.024 | 1195560 | 50.0 |
| Naphthalene, 1-... | 14.640 | 90.5    | ug/l  | 2165140  | 4                     | 12.024 | 1195560 | 50.0 |
| Naphthalene, 2-... | 14.780 | 67.6    | ug/l  | 1617160  | 4                     | 12.024 | 1195560 | 50.0 |