

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
 Data File : VX025991.D  
 Acq On : 24 Dec 2021 00:09  
 Operator : JC/MD  
 Sample : M5154-03ME  
 Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BGL83ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\SFAMXML122321WMA.M  
 Title : VOC Analysis

Signal : TIC: VX025991.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         | 1.374       | 43            | 47          | 55           | rVB      | 109577         | 126221        | 12.99%          | 1.046%        |
| 2         | 1.569       | 67            | 79          | 81           | rBV4     | 10229          | 26130         | 2.69%           | 0.217%        |
| 3         | 1.648       | 89            | 92          | 99           | rVB      | 54949          | 64394         | 6.63%           | 0.534%        |
| 4         | 2.215       | 182           | 185         | 189          | rVB2     | 5515           | 7553          | 0.78%           | 0.063%        |
| 5         | 2.282       | 190           | 196         | 205          | rVB      | 217265         | 336877        | 34.67%          | 2.793%        |
| 6         | 2.368       | 205           | 210         | 215          | rBV3     | 3659           | 6807          | 0.70%           | 0.056%        |
| 7         | 2.788       | 273           | 279         | 286          | rVV5     | 4349           | 9975          | 1.03%           | 0.083%        |
| 8         | 4.495       | 547           | 559         | 571          | rBV2     | 43657          | 188355        | 19.38%          | 1.561%        |
| 9         | 5.056       | 639           | 651         | 669          | rBV      | 115793         | 377006        | 38.80%          | 3.125%        |
| 10        | 5.971       | 788           | 801         | 818          | rBV2     | 341411         | 971707        | 100.00%         | 8.055%        |
| 11        | 6.251       | 837           | 847         | 855          | rVB3     | 2422           | 7186          | 0.74%           | 0.060%        |
| 12        | 6.361       | 855           | 865         | 876          | rBV4     | 5474           | 17592         | 1.81%           | 0.146%        |
| 13        | 6.763       | 921           | 931         | 950          | rBV      | 206184         | 505108        | 51.98%          | 4.187%        |
| 14        | 7.098       | 977           | 986         | 994          | rBV10    | 4748           | 16381         | 1.69%           | 0.136%        |
| 15        | 7.214       | 999           | 1005        | 1012         | rVV6     | 2210           | 6338          | 0.65%           | 0.053%        |
| 16        | 7.312       | 1012          | 1021        | 1039         | rVB      | 190047         | 438283        | 45.10%          | 3.633%        |
| 17        | 7.482       | 1043          | 1049        | 1058         | rBV6     | 2228           | 5196          | 0.53%           | 0.043%        |
| 18        | 7.982       | 1119          | 1131        | 1137         | rVB7     | 3292           | 10086         | 1.04%           | 0.084%        |
| 19        | 8.104       | 1142          | 1151        | 1159         | rVB5     | 3006           | 6916          | 0.71%           | 0.057%        |
| 20        | 8.330       | 1181          | 1188        | 1201         | rVV      | 93479          | 165954        | 17.08%          | 1.376%        |
| 21        | 8.604       | 1227          | 1233        | 1234         | rBV4     | 2994           | 5076          | 0.52%           | 0.042%        |
| 22        | 8.647       | 1234          | 1240        | 1248         | rVV      | 476635         | 774941        | 79.75%          | 6.424%        |
| 23        | 8.720       | 1248          | 1252        | 1256         | rVV      | 5718           | 7992          | 0.82%           | 0.066%        |
| 24        | 8.952       | 1284          | 1290        | 1303         | rBV      | 60647          | 103403        | 10.64%          | 0.857%        |
| 25        | 9.098       | 1307          | 1314        | 1320         | rBV6     | 2975           | 5822          | 0.60%           | 0.048%        |
| 26        | 9.281       | 1338          | 1344        | 1350         | rBV      | 9524           | 19510         | 2.01%           | 0.162%        |
| 27        | 9.403       | 1357          | 1364        | 1372         | rBV      | 258644         | 456057        | 46.93%          | 3.781%        |
| 28        | 9.500       | 1376          | 1380        | 1386         | rVV6     | 7374           | 15537         | 1.60%           | 0.129%        |
| 29        | 9.561       | 1386          | 1390        | 1396         | rVB4     | 5278           | 7759          | 0.80%           | 0.064%        |
| 30        | 9.677       | 1403          | 1409        | 1415         | rVB7     | 2655           | 7050          | 0.73%           | 0.058%        |
| 31        | 9.763       | 1415          | 1423        | 1428         | rBV3     | 4551           | 9227          | 0.95%           | 0.076%        |
| 32        | 9.830       | 1428          | 1434        | 1438         | rBV5     | 4143           | 8893          | 0.92%           | 0.074%        |
| 33        | 9.903       | 1443          | 1446        | 1451         | rVB2     | 8503           | 11888         | 1.22%           | 0.099%        |
| 34        | 10.006      | 1458          | 1463        | 1466         | rBV      | 10052          | 14918         | 1.54%           | 0.124%        |
| 35        | 10.055      | 1466          | 1471        | 1481         | rVB      | 410006         | 599089        | 61.65%          | 4.966%        |
| 36        | 10.195      | 1488          | 1494        | 1500         | rBV      | 173630         | 235157        | 24.20%          | 1.949%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
 Data File : VX025991.D  
 Acq On : 24 Dec 2021 00:09  
 Operator : JC/MD  
 Sample : M5154-03ME  
 Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BGL83ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\SFAMXML122321WMA.M  
 Title : VOC Analysis

|    |        |      |      |      |      |        |        |        |        |
|----|--------|------|------|------|------|--------|--------|--------|--------|
| 37 | 10.305 | 1504 | 1512 | 1519 | rBV  | 294475 | 435135 | 44.78% | 3.607% |
| 38 | 10.451 | 1532 | 1536 | 1542 | rBV  | 5116   | 7137   | 0.73%  | 0.059% |
| 39 | 10.586 | 1552 | 1558 | 1563 | rVV4 | 19130  | 33493  | 3.45%  | 0.278% |
| 40 | 10.647 | 1563 | 1568 | 1577 | rVV  | 111126 | 172565 | 17.76% | 1.431% |
| 41 | 10.714 | 1577 | 1579 | 1582 | rVB3 | 7285   | 7510   | 0.77%  | 0.062% |
| 42 | 10.781 | 1582 | 1590 | 1594 | rBV  | 46872  | 64496  | 6.64%  | 0.535% |
| 43 | 10.854 | 1594 | 1602 | 1606 | rBV4 | 24662  | 49702  | 5.11%  | 0.412% |
| 44 | 10.896 | 1606 | 1609 | 1614 | rVB  | 20014  | 26490  | 2.73%  | 0.220% |
| 45 | 10.964 | 1614 | 1620 | 1624 | rBV2 | 26646  | 42352  | 4.36%  | 0.351% |
| 46 | 11.006 | 1624 | 1627 | 1628 | rVV2 | 5576   | 6700   | 0.69%  | 0.056% |
| 47 | 11.031 | 1628 | 1631 | 1635 | rVV2 | 22975  | 32049  | 3.30%  | 0.266% |
| 48 | 11.085 | 1635 | 1640 | 1643 | rVV2 | 31705  | 44514  | 4.58%  | 0.369% |
| 49 | 11.122 | 1643 | 1646 | 1650 | rVB2 | 20308  | 27438  | 2.82%  | 0.227% |
| 50 | 11.195 | 1650 | 1658 | 1666 | rBV  | 355613 | 511252 | 52.61% | 4.238% |
| 51 | 11.311 | 1673 | 1677 | 1679 | rBV  | 15120  | 20592  | 2.12%  | 0.171% |
| 52 | 11.384 | 1685 | 1689 | 1694 | rBV  | 32789  | 53310  | 5.49%  | 0.442% |
| 53 | 11.433 | 1694 | 1697 | 1699 | rBV2 | 32580  | 39457  | 4.06%  | 0.327% |
| 54 | 11.616 | 1722 | 1727 | 1728 | rBV2 | 28820  | 37388  | 3.85%  | 0.310% |
| 55 | 11.683 | 1735 | 1738 | 1740 | rBV3 | 24404  | 26309  | 2.71%  | 0.218% |
| 56 | 11.713 | 1740 | 1743 | 1746 | rVV  | 74118  | 88146  | 9.07%  | 0.731% |
| 57 | 11.756 | 1746 | 1750 | 1760 | rVB2 | 137523 | 218517 | 22.49% | 1.812% |
| 58 | 11.841 | 1760 | 1764 | 1766 | rBV2 | 28943  | 41064  | 4.23%  | 0.340% |
| 59 | 11.890 | 1770 | 1772 | 1776 | rVV4 | 28858  | 37624  | 3.87%  | 0.312% |
| 60 | 11.939 | 1776 | 1780 | 1783 | rVV3 | 52328  | 77327  | 7.96%  | 0.641% |
| 61 | 11.976 | 1783 | 1786 | 1789 | rVV2 | 23073  | 29727  | 3.06%  | 0.246% |
| 62 | 12.024 | 1789 | 1794 | 1800 | rVV  | 508688 | 660485 | 67.97% | 5.475% |
| 63 | 12.091 | 1800 | 1805 | 1808 | rVV2 | 52712  | 91492  | 9.42%  | 0.758% |
| 64 | 12.128 | 1808 | 1811 | 1812 | rVV  | 19975  | 22987  | 2.37%  | 0.191% |
| 65 | 12.152 | 1812 | 1815 | 1821 | rVB2 | 27960  | 41198  | 4.24%  | 0.342% |
| 66 | 12.244 | 1826 | 1830 | 1837 | rBV  | 385299 | 531256 | 54.67% | 4.404% |
| 67 | 12.323 | 1837 | 1843 | 1849 | rVB  | 606640 | 802961 | 82.63% | 6.657% |
| 68 | 12.414 | 1854 | 1858 | 1864 | rBV2 | 71301  | 99043  | 10.19% | 0.821% |
| 69 | 12.469 | 1864 | 1867 | 1873 | rVB4 | 32952  | 56524  | 5.82%  | 0.469% |
| 70 | 12.536 | 1874 | 1878 | 1879 | rBV  | 27883  | 33982  | 3.50%  | 0.282% |
| 71 | 12.683 | 1900 | 1902 | 1905 | rBV2 | 14364  | 15668  | 1.61%  | 0.130% |
| 72 | 12.890 | 1932 | 1936 | 1939 | rBV3 | 38170  | 64609  | 6.65%  | 0.536% |
| 73 | 12.969 | 1945 | 1949 | 1956 | rVB2 | 50733  | 77580  | 7.98%  | 0.643% |
| 74 | 13.164 | 1975 | 1981 | 1986 | rVB4 | 16759  | 32759  | 3.37%  | 0.272% |
| 75 | 13.213 | 1986 | 1989 | 1992 | rBV2 | 8003   | 8880   | 0.91%  | 0.074% |
| 76 | 13.256 | 1992 | 1996 | 1998 | rBV2 | 11609  | 17689  | 1.82%  | 0.147% |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
 Data File : VX025991.D  
 Acq On : 24 Dec 2021 00:09  
 Operator : JC/MD  
 Sample : M5154-03ME  
 Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BGL83ME

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % 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\SFAMXML122321WMA.M  
 Title : VOC Analysis

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.292 | 1999 | 2002 | 2007 | rVB3 | 38703  | 51979  | 5.35%  | 0.431% |
| 78  | 13.347 | 2007 | 2011 | 2014 | rVB3 | 10843  | 17046  | 1.75%  | 0.141% |
| 79  | 13.384 | 2014 | 2017 | 2020 | rBV  | 28746  | 37539  | 3.86%  | 0.311% |
| 80  | 13.427 | 2021 | 2024 | 2028 | rVB4 | 12829  | 18704  | 1.92%  | 0.155% |
| 81  | 13.506 | 2033 | 2037 | 2040 | rBV4 | 12677  | 20966  | 2.16%  | 0.174% |
| 82  | 13.548 | 2041 | 2044 | 2046 | rBV  | 9203   | 9553   | 0.98%  | 0.079% |
| 83  | 13.591 | 2046 | 2051 | 2058 | rVV5 | 21315  | 36808  | 3.79%  | 0.305% |
| 84  | 13.664 | 2061 | 2063 | 2067 | rBV3 | 9199   | 12298  | 1.27%  | 0.102% |
| 85  | 13.737 | 2073 | 2075 | 2077 | rBV2 | 9231   | 9492   | 0.98%  | 0.079% |
| 86  | 13.780 | 2077 | 2082 | 2088 | rVB  | 719171 | 923275 | 95.02% | 7.654% |
| 87  | 13.847 | 2089 | 2093 | 2095 | rBV3 | 27505  | 38347  | 3.95%  | 0.318% |
| 88  | 13.969 | 2111 | 2113 | 2116 | rBV2 | 5917   | 6694   | 0.69%  | 0.055% |
| 89  | 14.042 | 2122 | 2125 | 2127 | rVB  | 17413  | 16548  | 1.70%  | 0.137% |
| 90  | 14.079 | 2127 | 2131 | 2134 | rBV  | 24176  | 30750  | 3.16%  | 0.255% |
| 91  | 14.219 | 2150 | 2154 | 2161 | rVB  | 24850  | 41594  | 4.28%  | 0.345% |
| 92  | 14.323 | 2168 | 2171 | 2176 | rVV  | 11957  | 12340  | 1.27%  | 0.102% |
| 93  | 14.371 | 2176 | 2179 | 2183 | rVB  | 16416  | 19647  | 2.02%  | 0.163% |
| 94  | 14.481 | 2193 | 2197 | 2206 | rVB7 | 15927  | 42795  | 4.40%  | 0.355% |
| 95  | 14.615 | 2216 | 2219 | 2221 | rBV3 | 23119  | 27620  | 2.84%  | 0.229% |
| 96  | 14.725 | 2234 | 2237 | 2240 | rBV5 | 10726  | 15479  | 1.59%  | 0.128% |
| 97  | 14.780 | 2240 | 2246 | 2251 | rVV  | 211980 | 279797 | 28.79% | 2.320% |
| 98  | 15.207 | 2309 | 2316 | 2321 | rBV3 | 54868  | 90956  | 9.36%  | 0.754% |
| 99  | 15.615 | 2379 | 2383 | 2388 | rBV2 | 12794  | 19234  | 1.98%  | 0.159% |
| 100 | 15.987 | 2441 | 2444 | 2449 | rVB4 | 12470  | 19505  | 2.01%  | 0.162% |

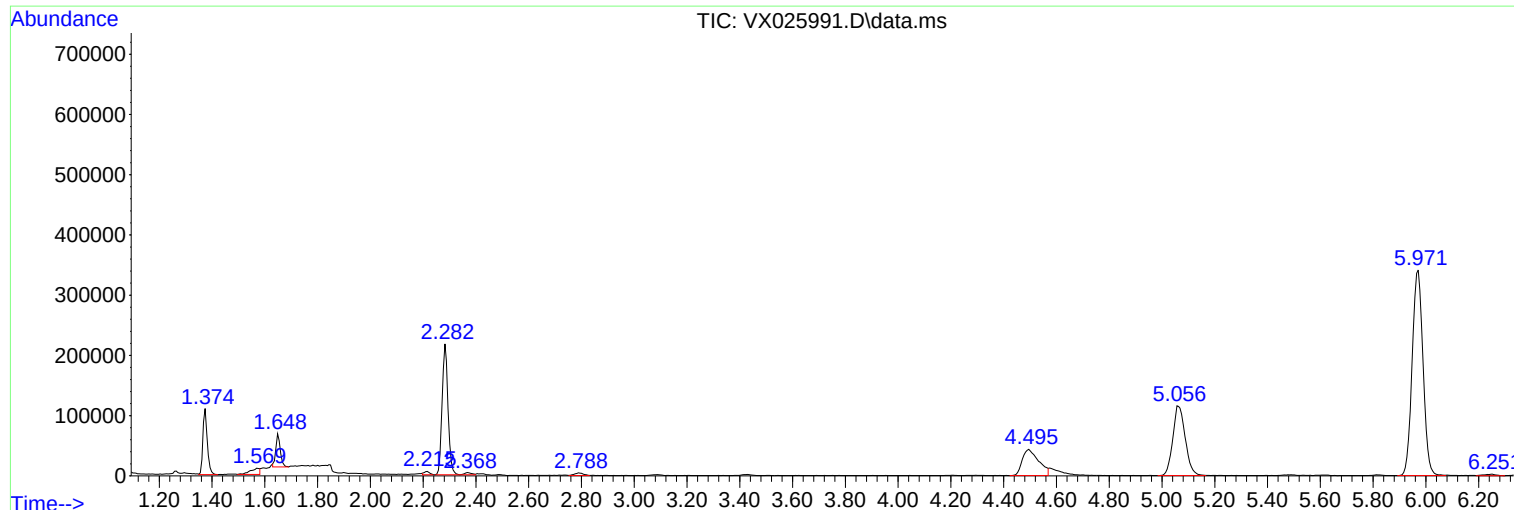
Sum of corrected areas: 12062757

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

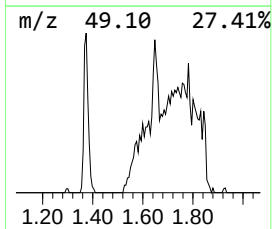
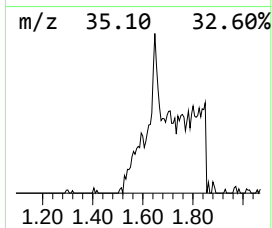
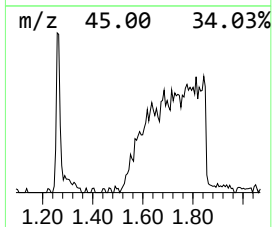
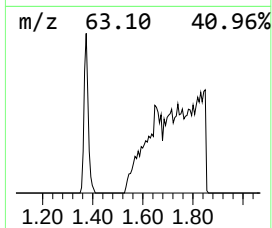
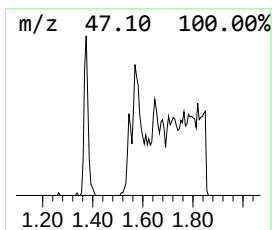
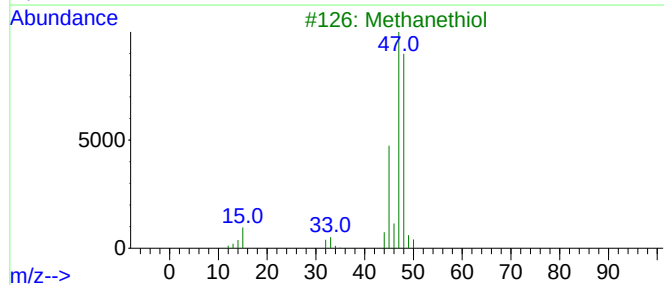
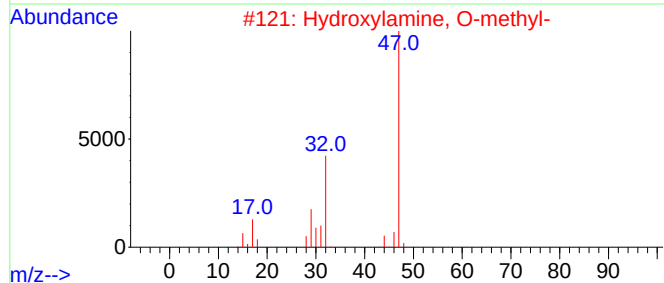
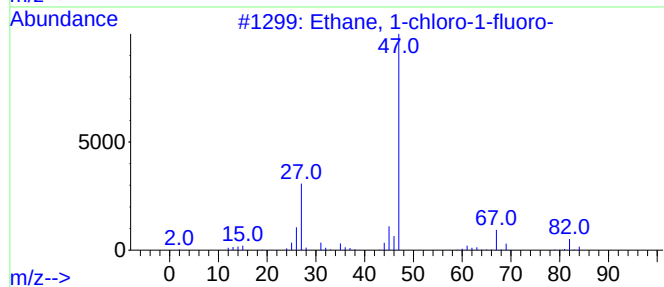
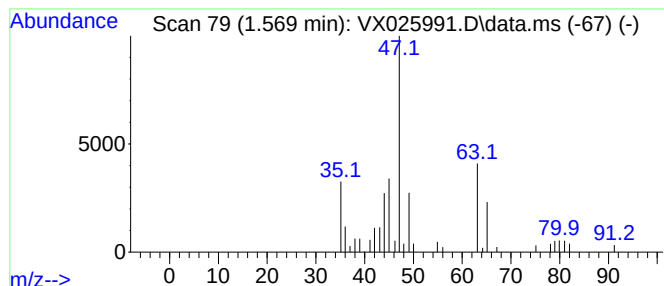
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 1 unknown-01 Concentration Rank 28

| R.T.  | EstConc   | Area  | Relative to ISTD    | R.T.  |
|-------|-----------|-------|---------------------|-------|
| 1.569 | 2.59 ug/L | 26130 | 1,4-Difluorobenzene | 6.763 |

| Hit# | of | 5 | Tentative ID               | MW | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|----|---------|-------------|------|
| 1    |    |   | Ethane, 1-chloro-1-fluoro- | 82 | C2H4ClF | 001615-75-4 | 7    |
| 2    |    |   | Hydroxylamine, O-methyl-   | 47 | CH5NO   | 000067-62-9 | 4    |
| 3    |    |   | Methanethiol               | 48 | CH4S    | 000074-93-1 | 4    |
| 4    |    |   | Formamide, N-methoxy-      | 75 | C2H5NO2 | 034005-41-9 | 4    |
| 5    |    |   | Propyl mercaptan           | 76 | C3H8S   | 000107-03-9 | 4    |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

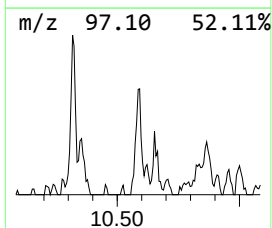
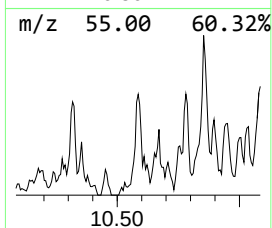
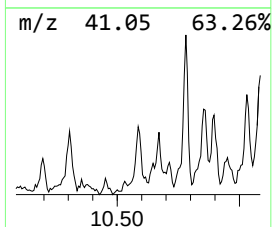
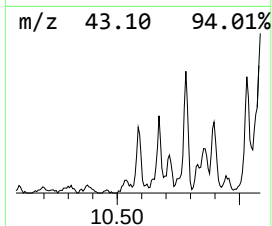
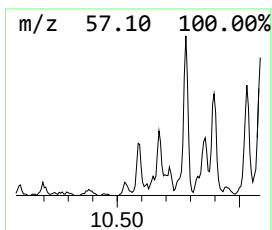
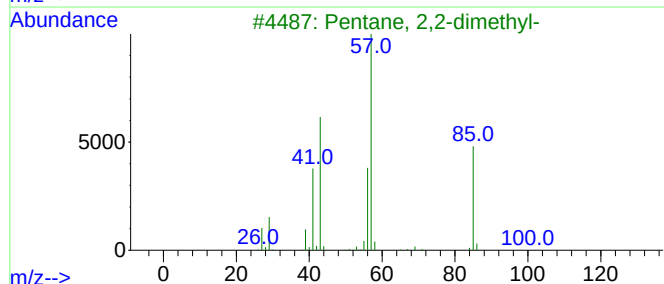
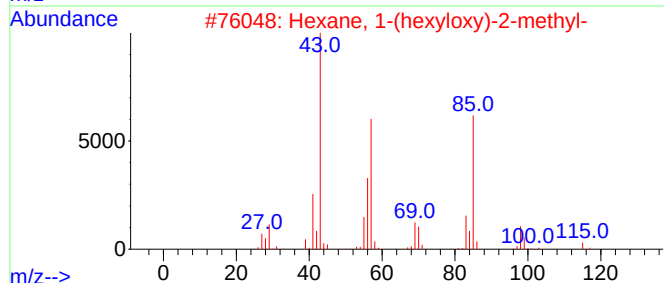
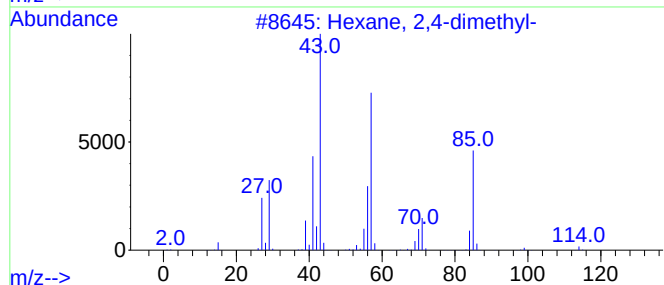
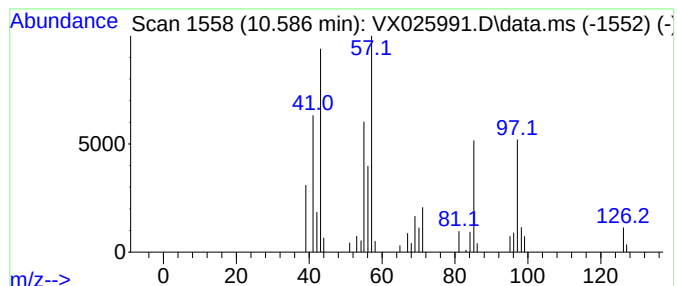
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 25

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 10.586 | 2.80 ug/L | 33493 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexane, 2,4-dimethyl-          | 114 | C8H18   | 000589-43-5 | 49   |
| 2    |    |   | Hexane, 1-(hexyloxy)-2-methyl- | 200 | C13H28O | 074421-17-3 | 43   |
| 3    |    |   | Pentane, 2,2-dimethyl-         | 100 | C7H16   | 000590-35-2 | 38   |
| 4    |    |   | trans-1,2-Diethyl cyclopentane | 126 | C9H18   | 000932-40-1 | 38   |
| 5    |    |   | Undecane, 5,6-dimethyl-        | 184 | C13H28  | 017615-91-7 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

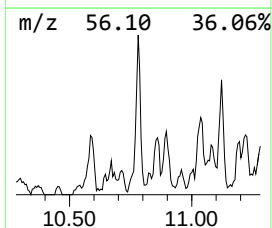
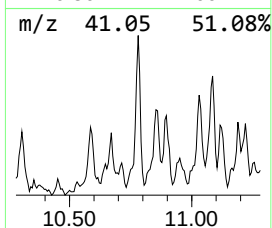
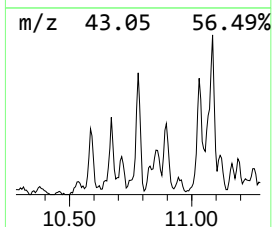
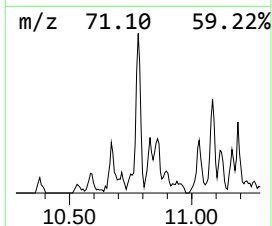
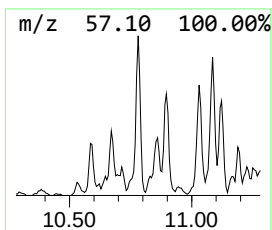
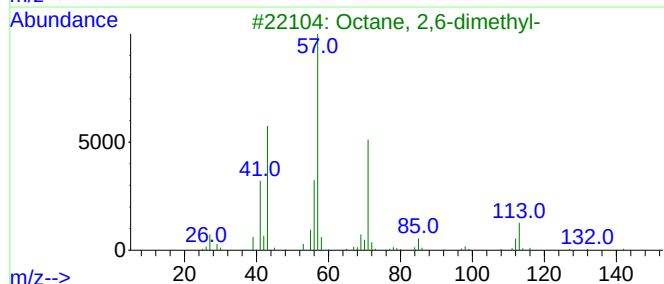
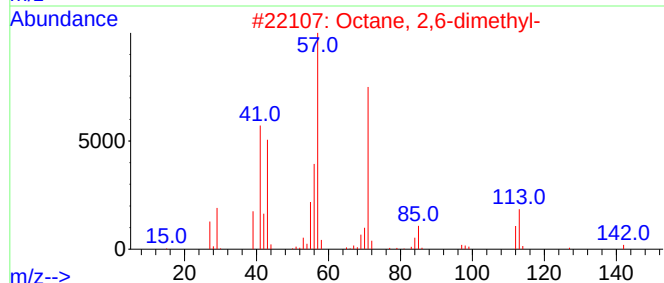
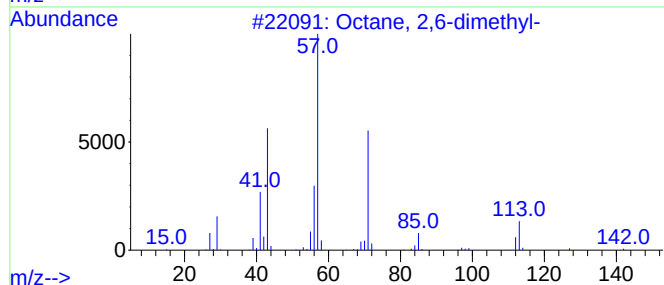
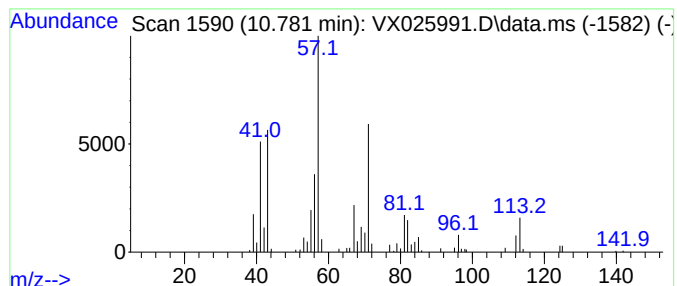
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 10

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 10.781 | 5.38 ug/L | 64496 | Chlorobenzene-d5 | 10.055 |

| Hit# | of                    | 5 | Tentative ID | MW     | MolForm     | CAS# | Qual |
|------|-----------------------|---|--------------|--------|-------------|------|------|
| 1    | Octane, 2,6-dimethyl- |   | 142          | C10H22 | 002051-30-1 | 81   |      |
| 2    | Octane, 2,6-dimethyl- |   | 142          | C10H22 | 002051-30-1 | 81   |      |
| 3    | Octane, 2,6-dimethyl- |   | 142          | C10H22 | 002051-30-1 | 76   |      |
| 4    | Nonane, 3-methyl-     |   | 142          | C10H22 | 005911-04-6 | 64   |      |
| 5    | Nonane, 3-methyl-     |   | 142          | C10H22 | 005911-04-6 | 64   |      |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

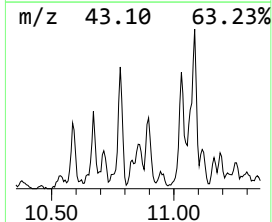
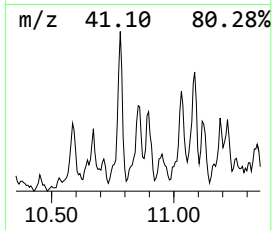
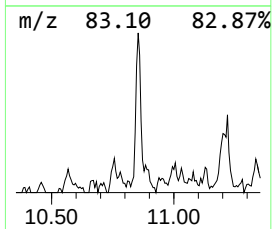
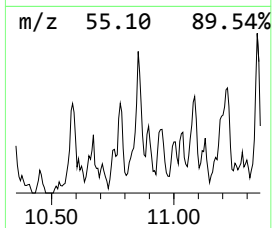
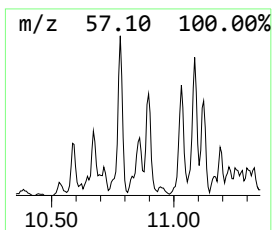
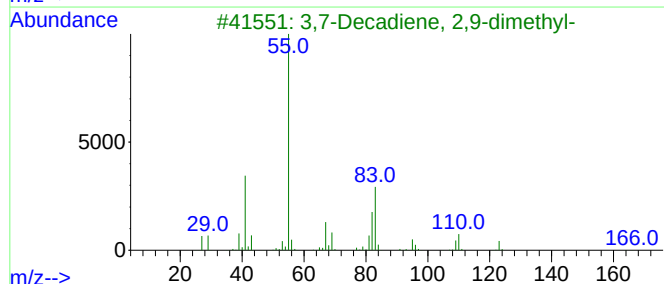
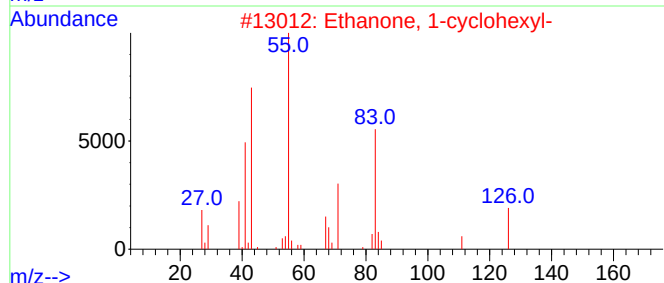
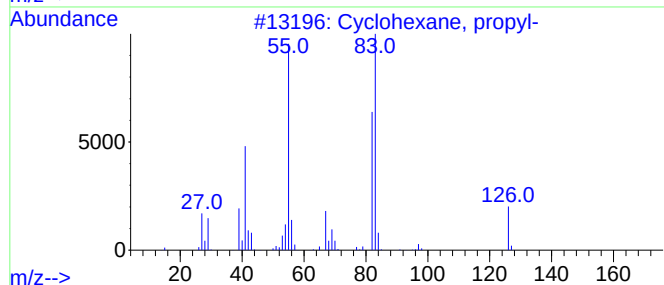
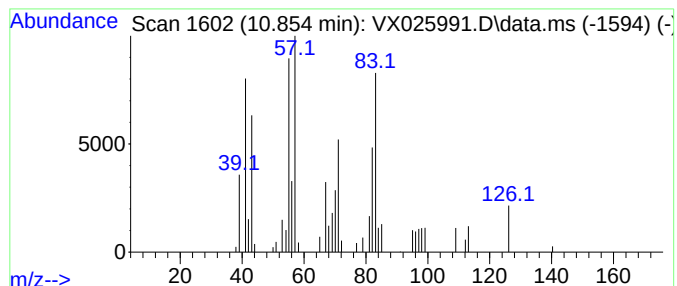
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 5 (DEL) Alkane: Cyclic10.854 Concentration Rank 13

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 10.854 | 4.15 ug/L | 49702 | Chlorobenzene-d5 | 10.055 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, propyl-           | 126 | C9H18   | 001678-92-8 | 49   |
| 2    |    |   | Ethanone, 1-cyclohexyl-        | 126 | C8H14O  | 000823-76-7 | 47   |
| 3    |    |   | 3,7-Decadiene, 2,9-dimethyl-   | 166 | C12H22  | 074630-13-0 | 46   |
| 4    |    |   | 3-Methylpenta-1,4-diene-3-ol   | 98  | C6H10O  | 000918-86-5 | 46   |
| 5    |    |   | Cyclohexane, (2-methylpropyl)- | 140 | C10H20  | 001678-98-4 | 43   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122321WMA.M  
Quant Title : VOC Analysis

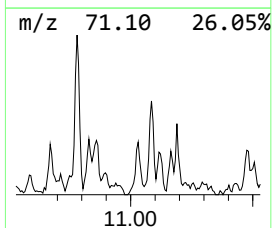
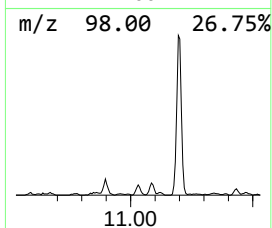
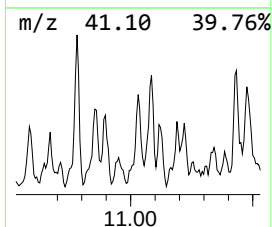
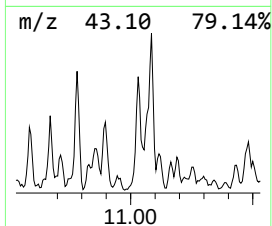
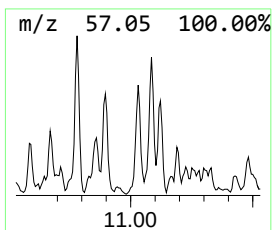
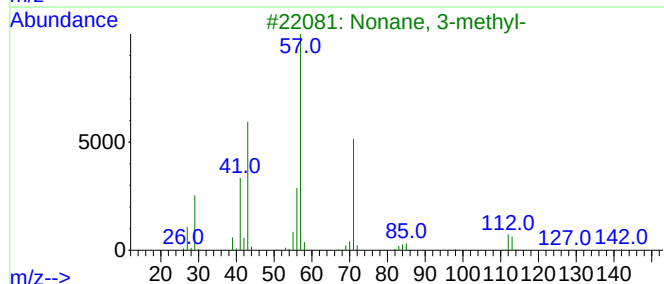
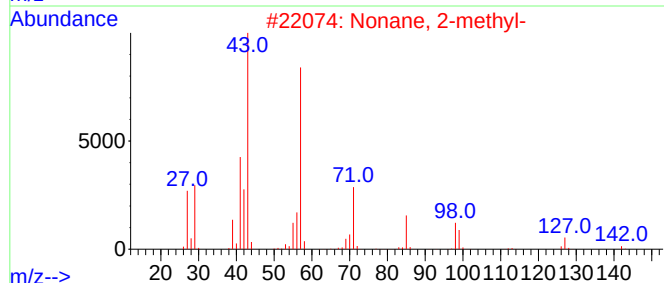
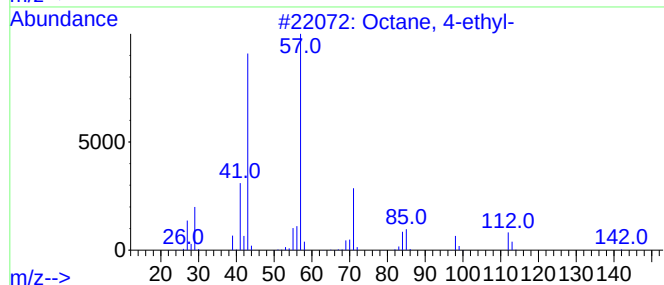
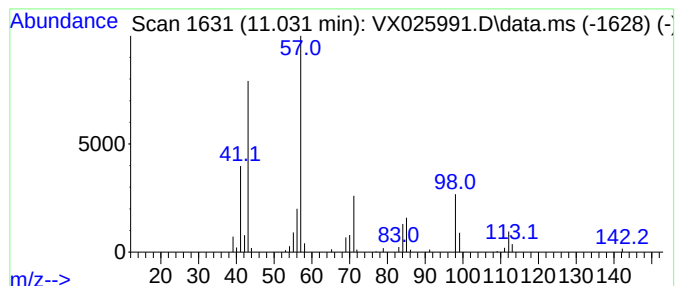
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 27

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 11.031 | 2.67 ug/L | 32049 | Chlorobenzene-d5 | 10.055 |

| Hit# | of                   | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----------------------|---|--------------|-----|---------|-------------|------|
| 1    | Octane, 4-ethyl-     |   |              | 142 | C10H22  | 015869-86-0 | 64   |
| 2    | Nonane, 2-methyl-    |   |              | 142 | C10H22  | 000871-83-0 | 52   |
| 3    | Nonane, 3-methyl-    |   |              | 142 | C10H22  | 005911-04-6 | 50   |
| 4    | Undecane, 5-methyl-  |   |              | 170 | C12H26  | 001632-70-8 | 50   |
| 5    | Tridecane, 6-methyl- |   |              | 198 | C14H30  | 013287-21-3 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

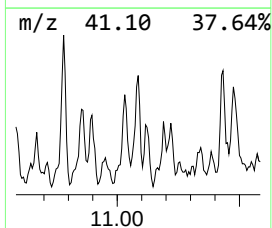
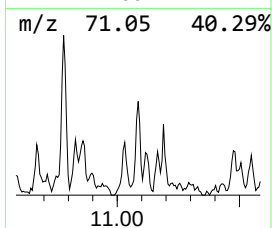
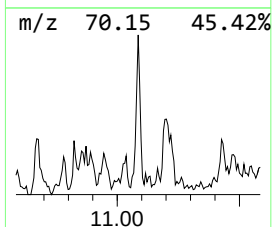
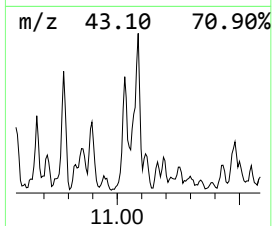
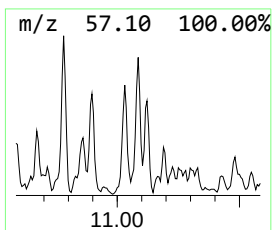
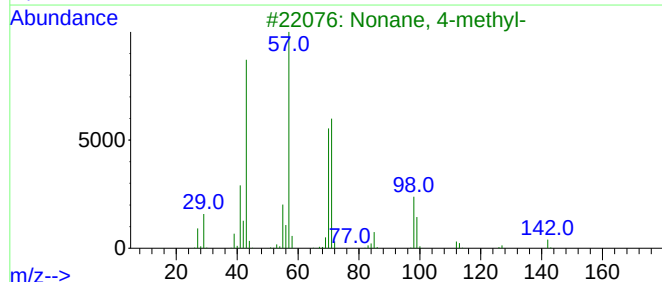
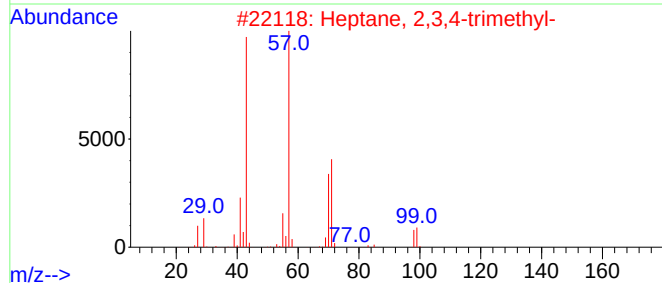
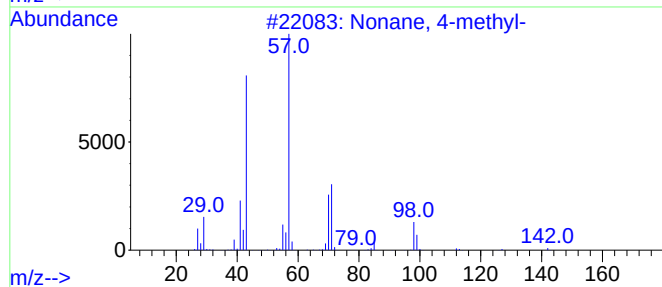
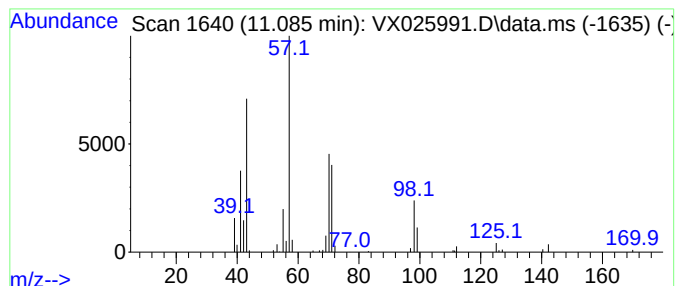
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 16

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.086 | 3.37 ug/L | 44514 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID              | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------|-----|---------|-------------|------|
| 1    |    |   | Nonane, 4-methyl-         | 142 | C10H22  | 017301-94-9 | 72   |
| 2    |    |   | Heptane, 2,3,4-trimethyl- | 142 | C10H22  | 052896-95-4 | 64   |
| 3    |    |   | Nonane, 4-methyl-         | 142 | C10H22  | 017301-94-9 | 58   |
| 4    |    |   | Heptane, 3,4-dimethyl-    | 128 | C9H20   | 000922-28-1 | 53   |
| 5    |    |   | Octane, 4-ethyl-          | 142 | C10H22  | 015869-86-0 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

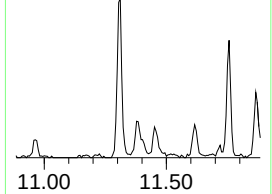
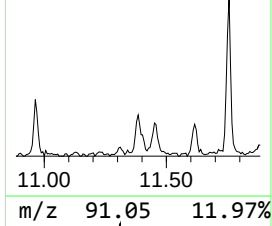
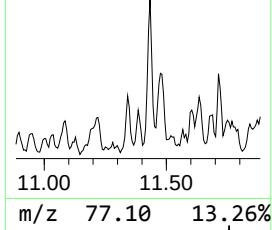
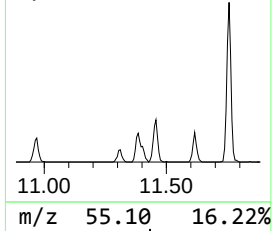
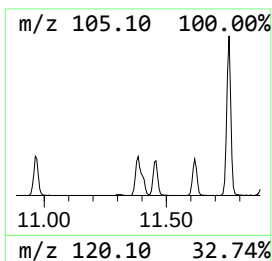
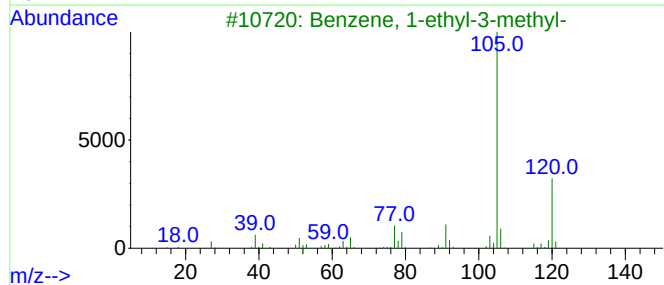
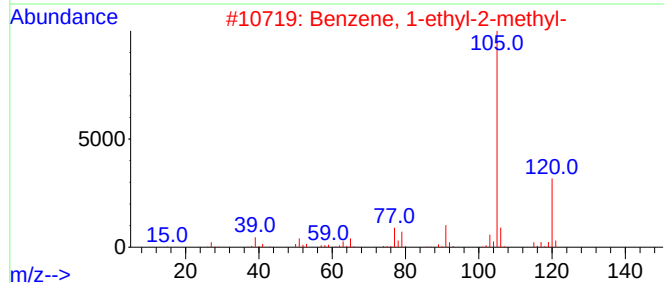
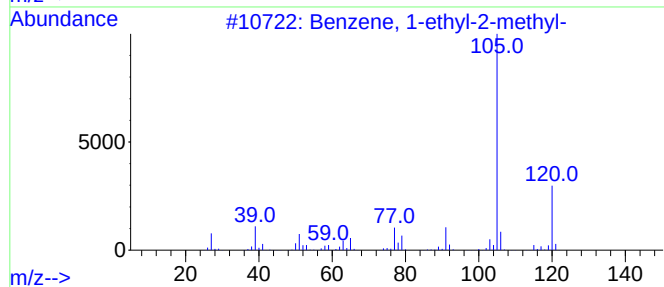
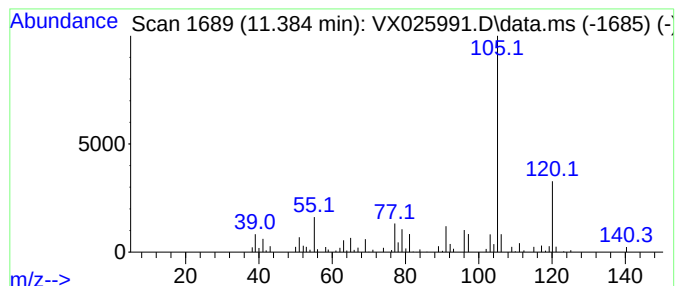
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 14

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.384 | 4.04 ug/L | 53310 | 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-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |
| 3    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 93   |
| 4    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 89   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

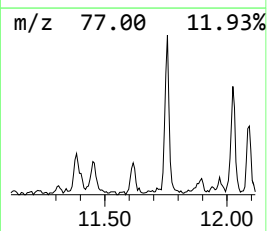
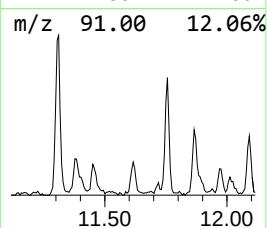
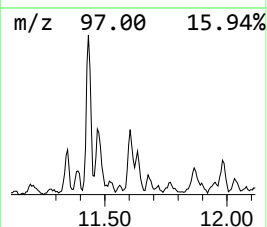
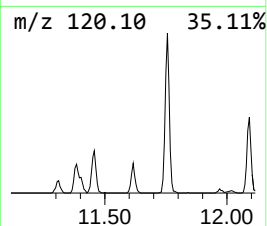
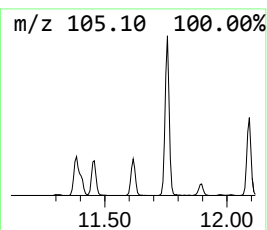
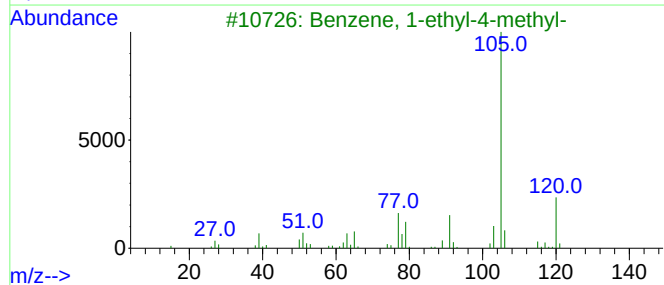
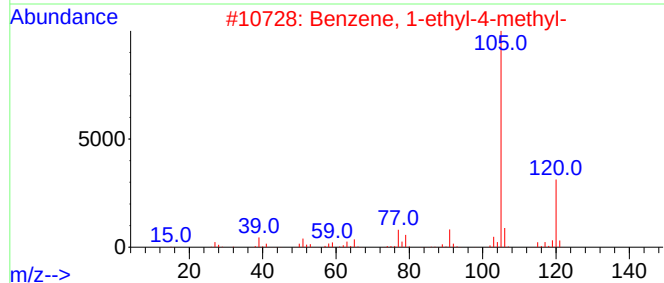
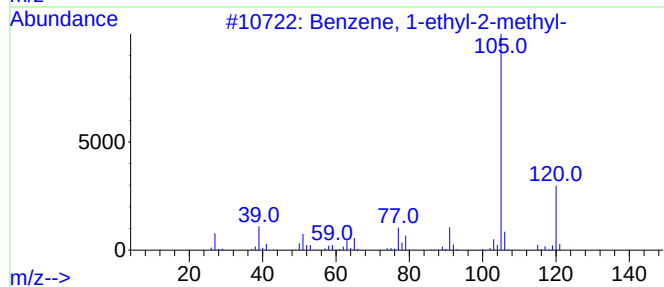
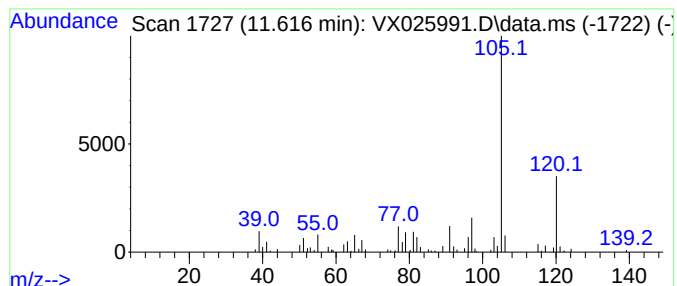
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 9 Benzene, 1-ethyl-4-methyl- Concentration Rank 24

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.616 | 2.83 ug/L | 37388 | 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 | 76   |
| 3    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 76   |
| 4    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 76   |
| 5    |    |   | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 76   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

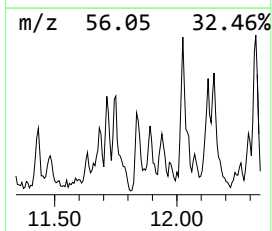
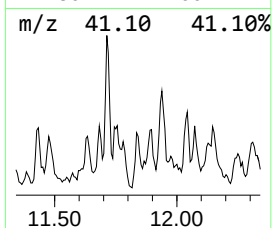
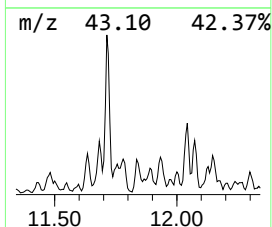
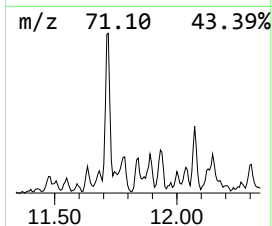
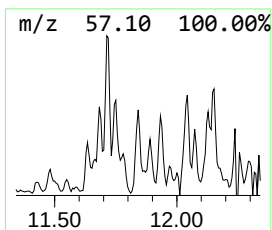
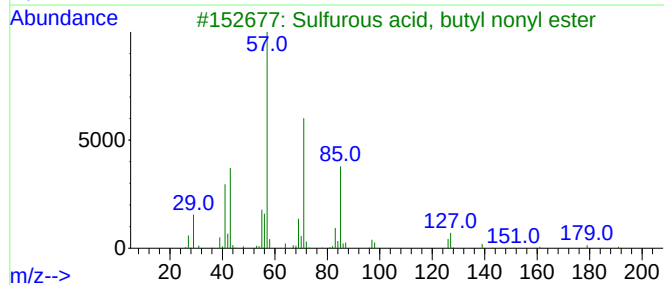
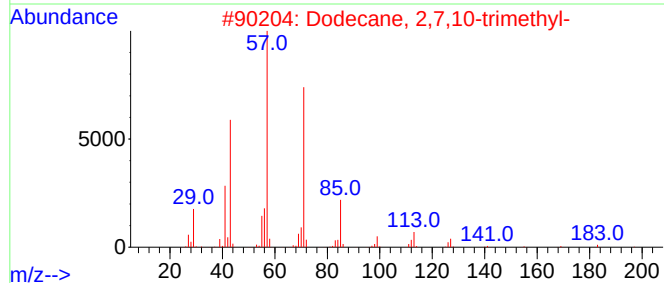
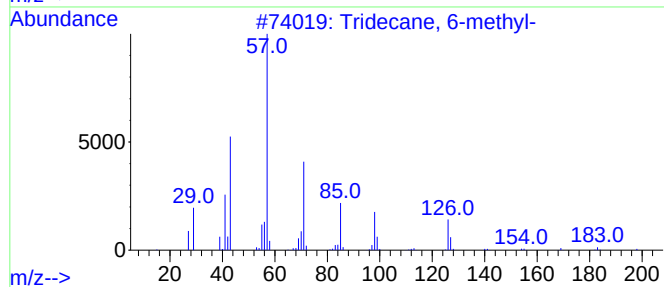
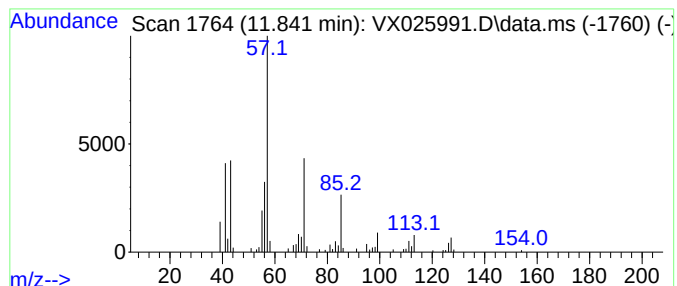
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 20

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.841 | 3.11 ug/L | 41064 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|------|-----------------------------------|-----|-----------|--------------|------|
| 1    |      | Tridecane, 6-methyl-              | 198 | C14H30    | 013287-21-3  | 59   |
| 2    |      | Dodecane, 2,7,10-trimethyl-       | 212 | C15H32    | 074645-98-0  | 59   |
| 3    |      | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 59   |
| 4    |      | Hexadecane                        | 226 | C16H34    | 000544-76-3  | 59   |
| 5    |      | Nonane, 3-methyl-5-propyl-        | 184 | C13H28    | 031081-18-2  | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122321WMA.M  
Quant Title : VOC Analysis

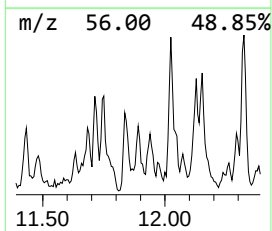
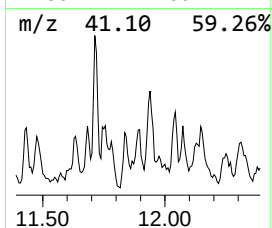
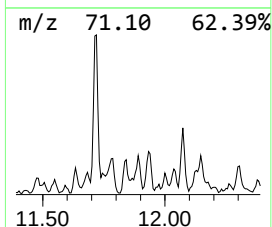
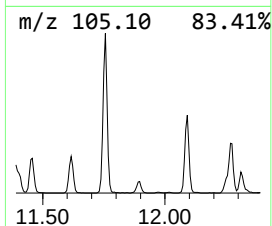
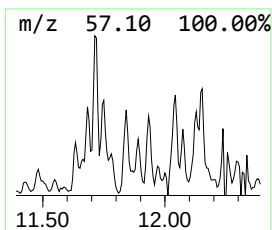
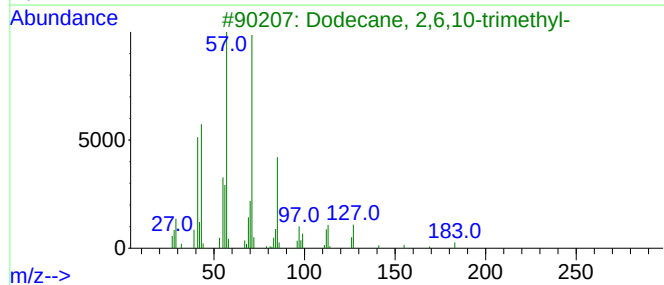
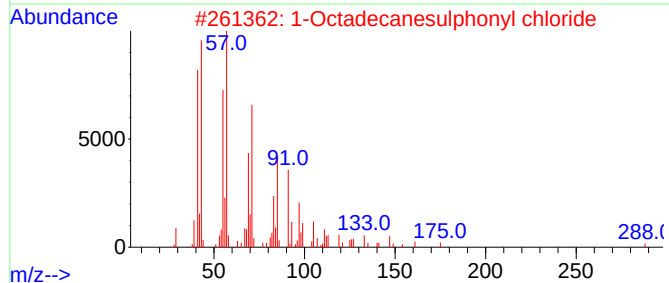
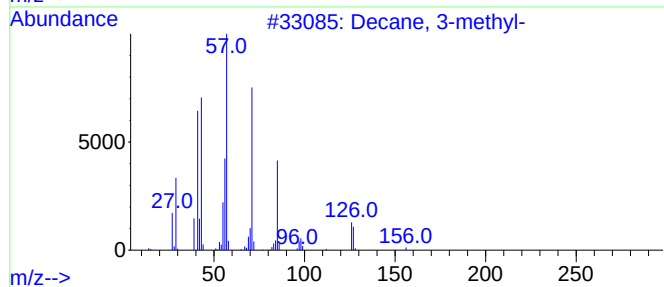
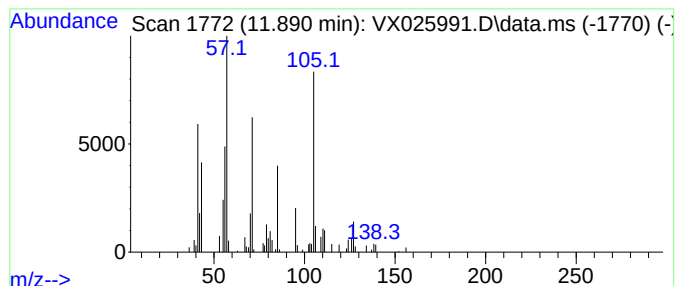
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 22

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.890 | 2.85 ug/L | 37624 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5 | Tentative ID                      | MW  | MolForm     | CAS#         | Qual |
|------|------|-----------------------------------|-----|-------------|--------------|------|
| 1    |      | Decane, 3-methyl-                 | 156 | C11H24      | 013151-34-3  | 50   |
| 2    |      | 1-Octadecanesulphonyl chloride    | 352 | C18H37ClO2S | 1000342-70-4 | 40   |
| 3    |      | Dodecane, 2,6,10-trimethyl-       | 212 | C15H32      | 003891-98-3  | 38   |
| 4    |      | Nonane, 3,7-dimethyl-             | 156 | C11H24      | 017302-32-8  | 38   |
| 5    |      | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S   | 1000309-17-6 | 37   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

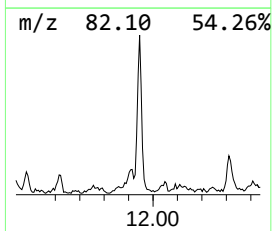
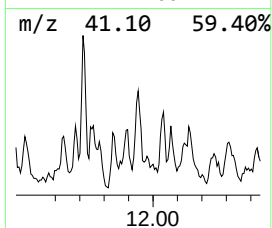
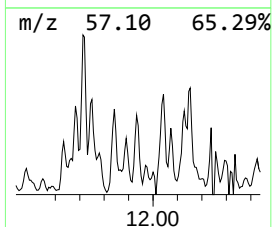
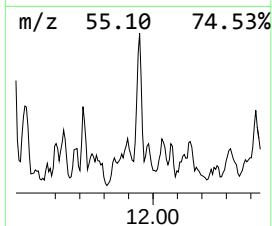
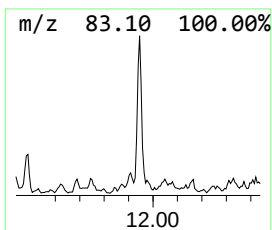
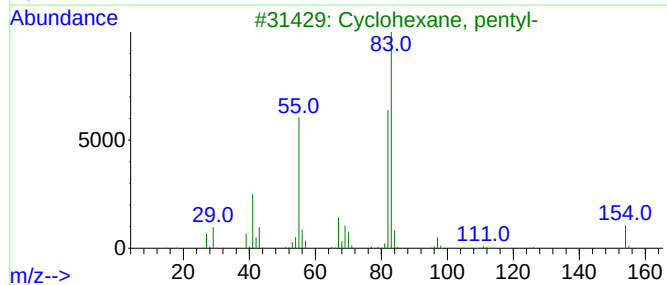
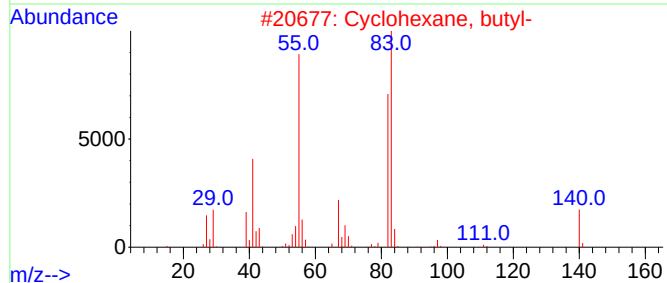
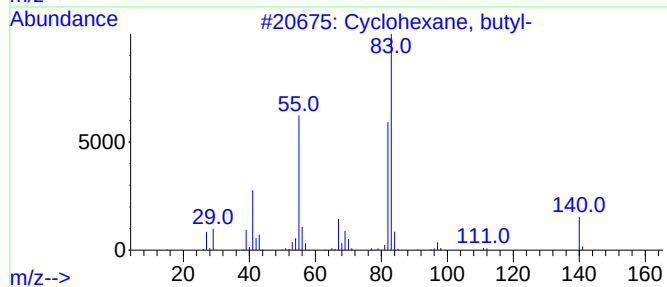
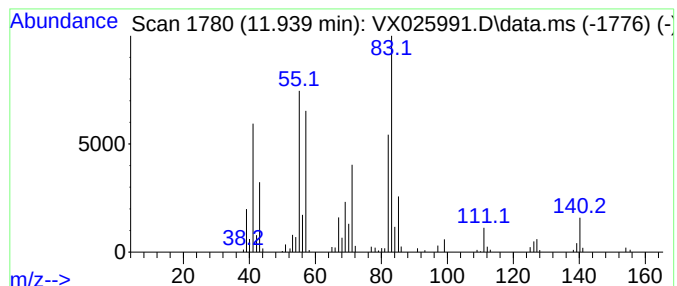
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 12 (DEL) Alkane: Cyclic11.939 Concentration Rank 9

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 11.939 | 5.85 ug/L | 77327 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 64   |
| 2    |    |   | Cyclohexane, butyl-            | 140 | C10H20  | 001678-93-9 | 64   |
| 3    |    |   | Cyclohexane, pentyl-           | 154 | C11H22  | 004292-92-6 | 60   |
| 4    |    |   | Cyclohexane, propyl-           | 126 | C9H18   | 001678-92-8 | 53   |
| 5    |    |   | Cyclohexane, (2-methylpropyl)- | 140 | C10H20  | 001678-98-4 | 52   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

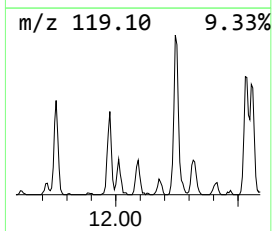
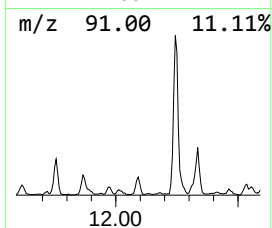
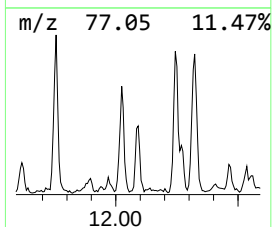
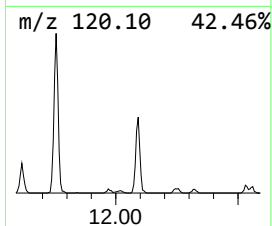
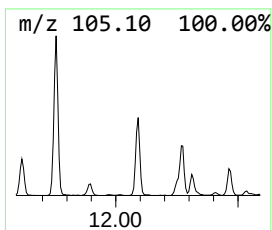
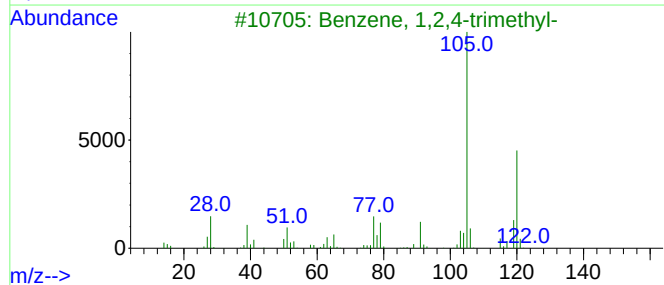
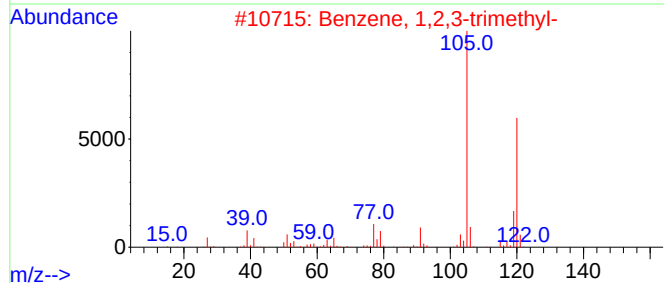
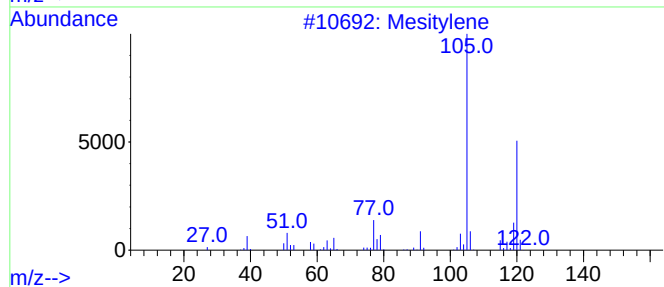
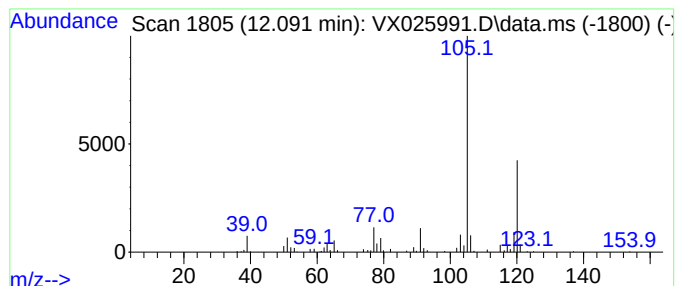
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.091 | 6.93 ug/L | 91492 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------|-----|---------|-------------|------|
| 1    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 94   |
| 2    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 94   |
| 3    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 94   |
| 4    |    |   | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 93   |
| 5    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 93   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

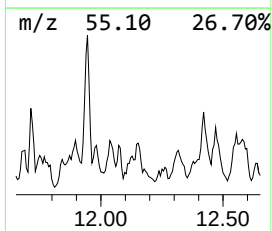
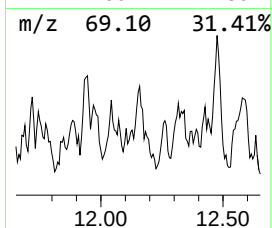
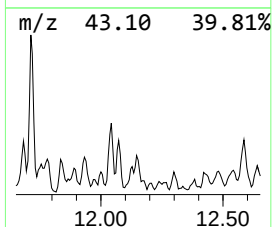
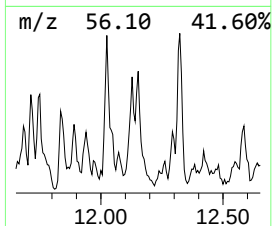
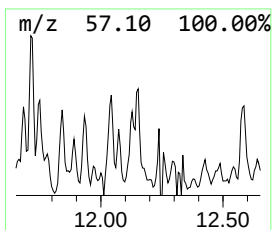
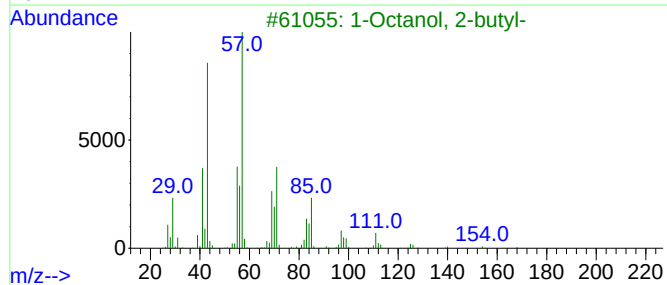
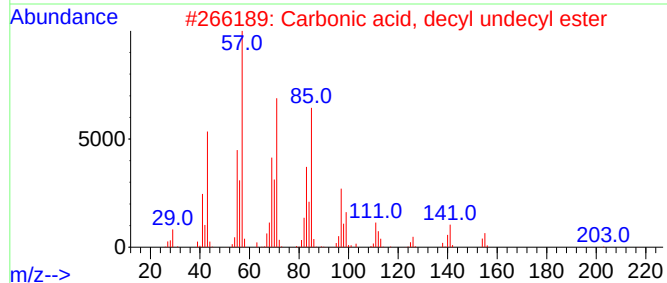
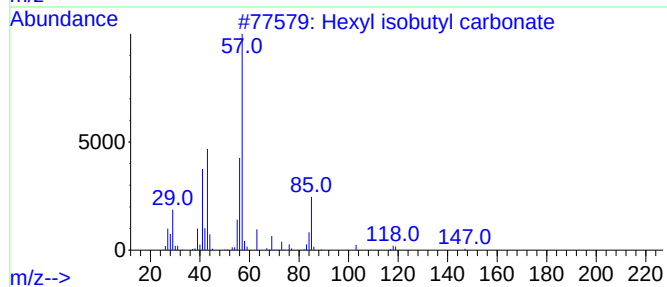
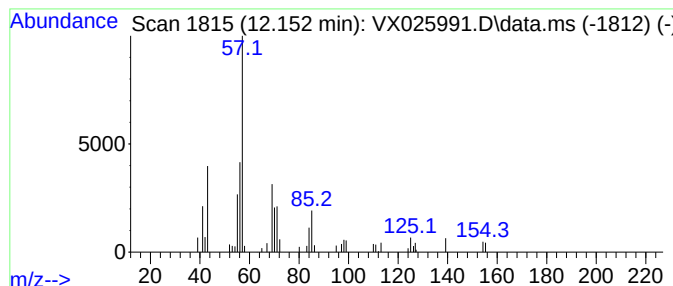
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 14 unknown-02 Concentration Rank 19

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.152 | 3.12 ug/L | 41198 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexyl isobutyl carbonate           | 202 | C11H22O3 | 959067-98-2  | 47   |
| 2    |    |   | Carbonic acid, decyl undecyl ester | 356 | C22H44O3 | 1000383-16-0 | 47   |
| 3    |    |   | 1-Octanol, 2-butyl-                | 186 | C12H26O  | 003913-02-8  | 47   |
| 4    |    |   | Butyl tetraatriacontyl ether       | 551 | C38H78O  | 1000406-41-4 | 43   |
| 5    |    |   | Isobutyl tetradecyl carbonate      | 314 | C19H38O3 | 959275-58-2  | 40   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

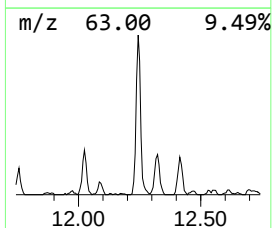
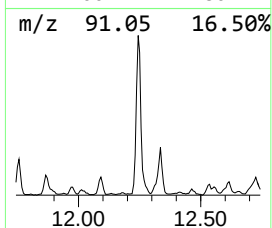
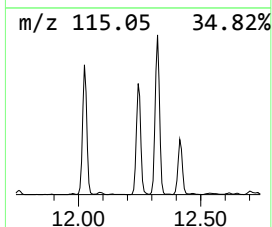
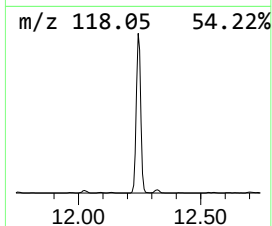
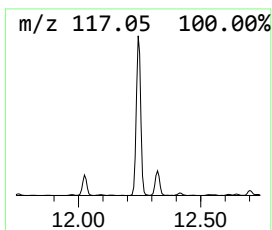
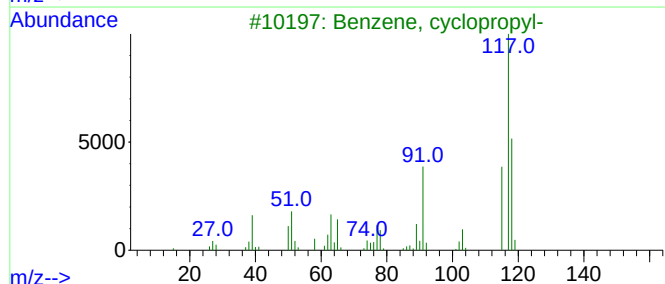
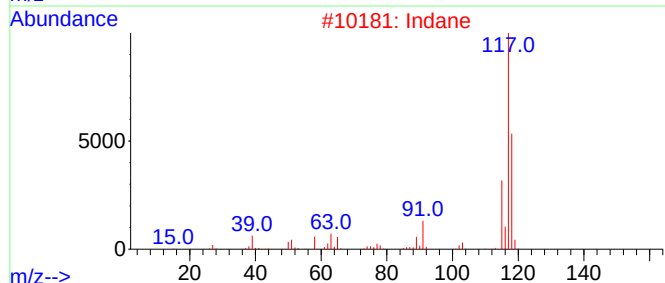
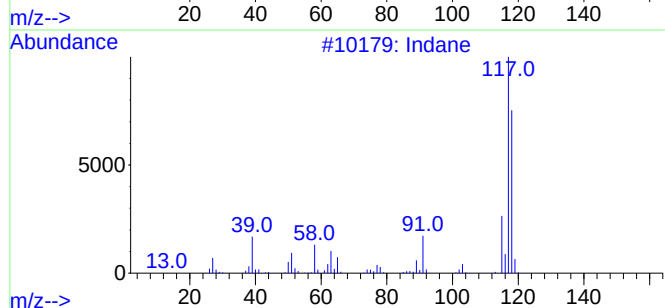
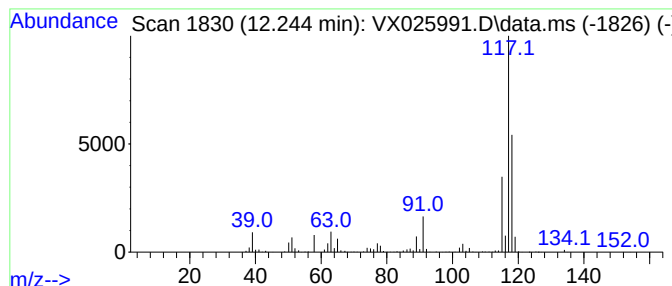
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 15 Indane Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.244 | 40.22 ug/L | 531256 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 93   |
| 2    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 87   |
| 3    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 81   |
| 4    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 74   |
| 5    |    |   | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 74   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

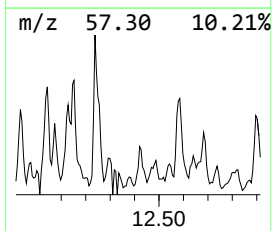
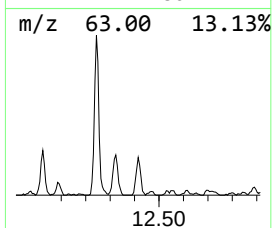
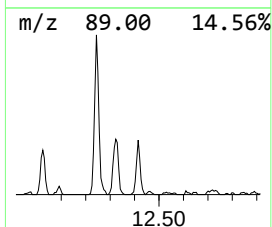
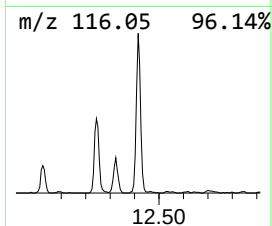
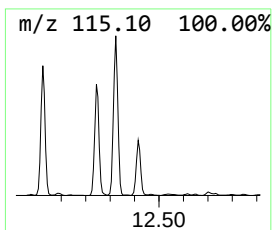
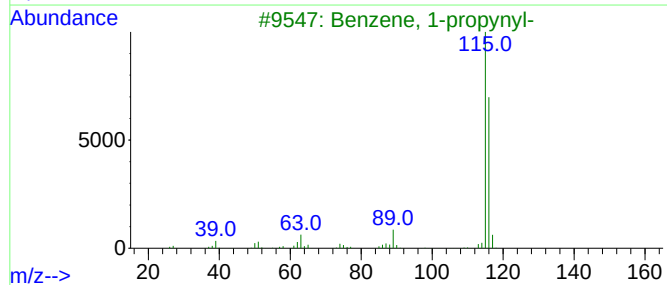
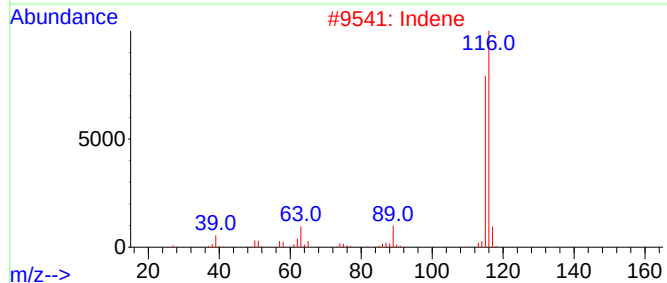
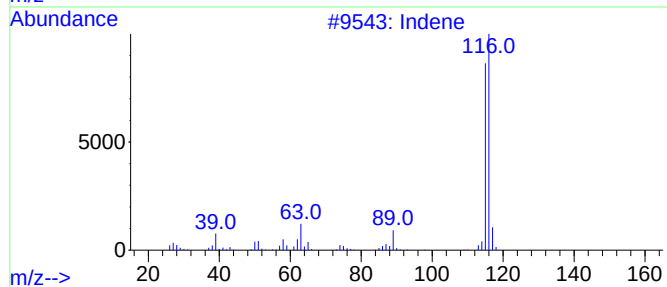
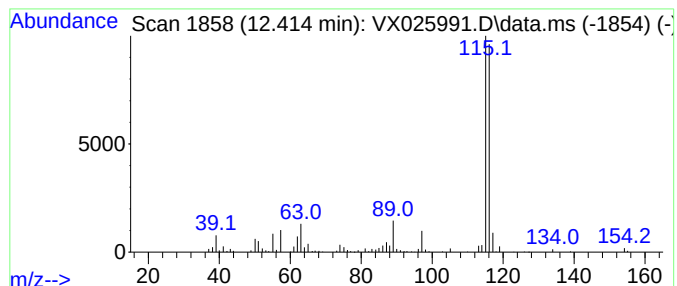
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 16 Indene Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.415 | 7.50 ug/L | 99043 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID            | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|-----|---------|-------------|------|
| 1    |    |   | Indene                  | 116 | C9H8    | 000095-13-6 | 94   |
| 2    |    |   | Indene                  | 116 | C9H8    | 000095-13-6 | 93   |
| 3    |    |   | Benzene, 1-propynyl-    | 116 | C9H8    | 000673-32-5 | 90   |
| 4    |    |   | 3-Methylphenylacetylene | 116 | C9H8    | 000766-82-5 | 90   |
| 5    |    |   | Benzene, 1-propynyl-    | 116 | C9H8    | 000673-32-5 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

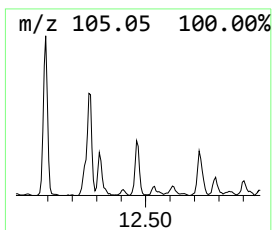
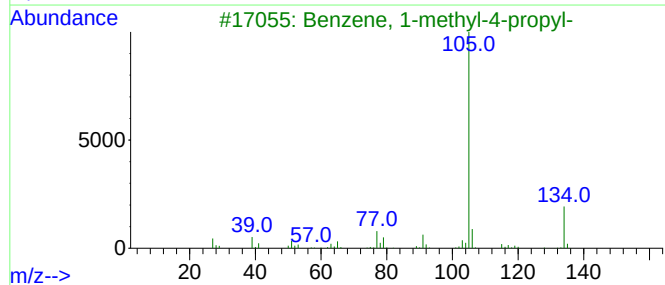
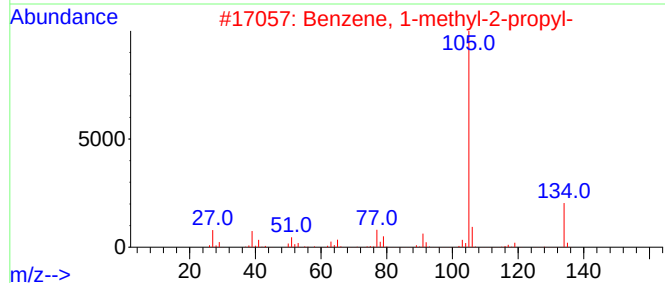
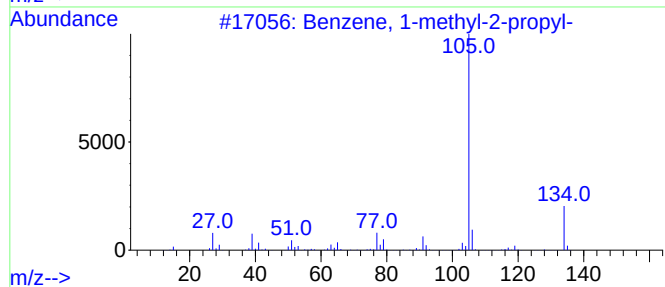
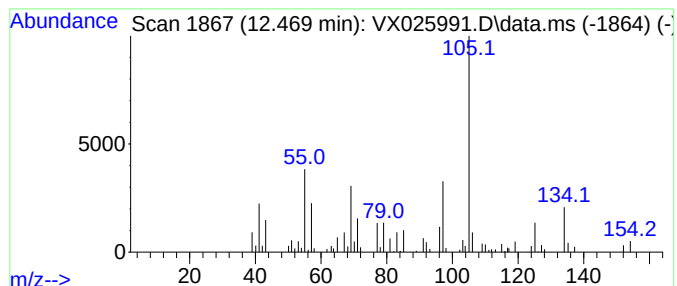
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 17 Benzene, 1-methyl-2-propyl- Concentration Rank 12

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.469 | 4.28 ug/L | 56524 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 50   |
| 2    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 45   |
| 3    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 43   |
| 4    |    |   | Benzene, 1-methyl-4-propyl- | 134 | C10H14  | 001074-55-1 | 43   |
| 5    |    |   | Benzene, 1-methyl-2-propyl- | 134 | C10H14  | 001074-17-5 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

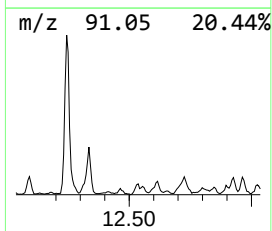
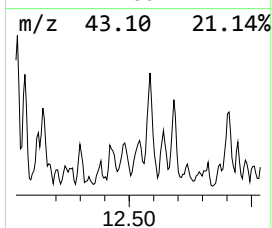
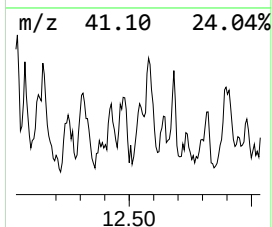
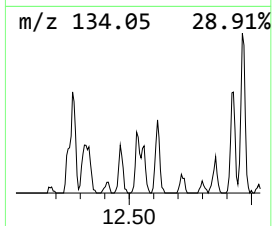
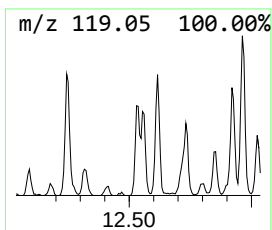
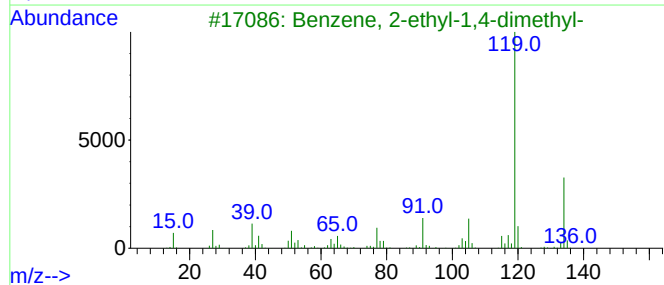
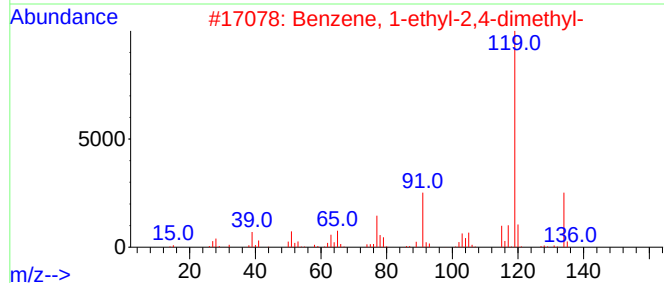
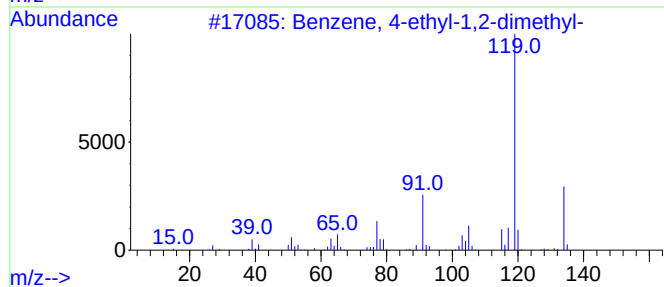
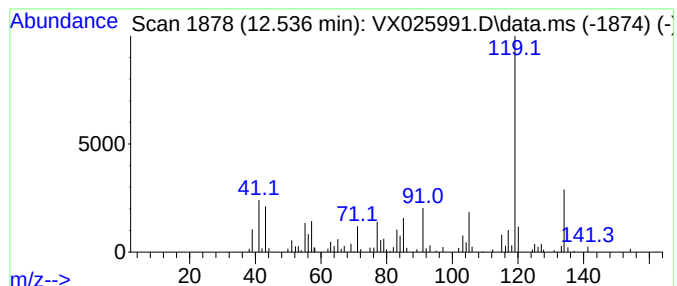
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 18 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 29

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.536 | 2.57 ug/L | 33982 | 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 | 94   |
| 2    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 93   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 91   |
| 4    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 87   |
| 5    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 87   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

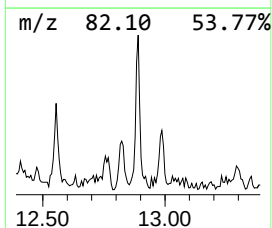
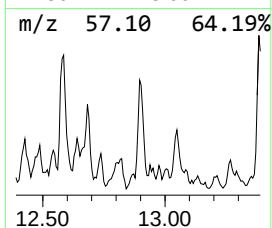
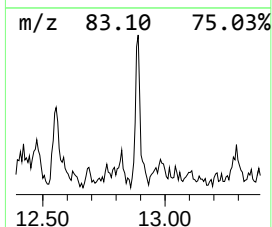
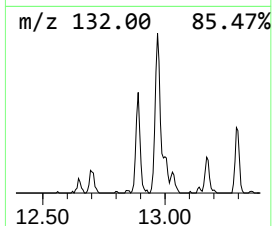
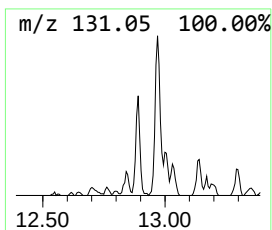
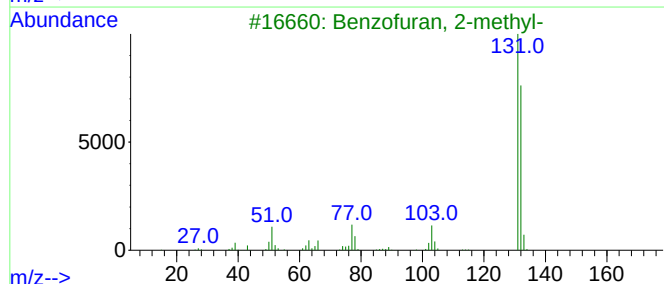
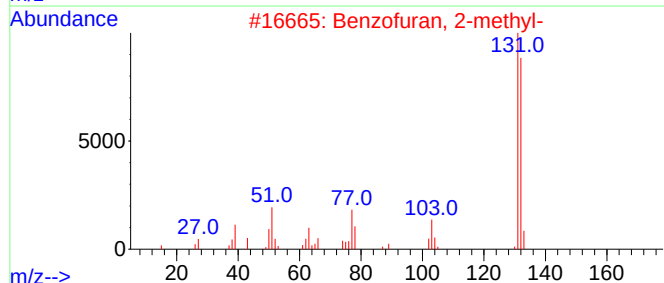
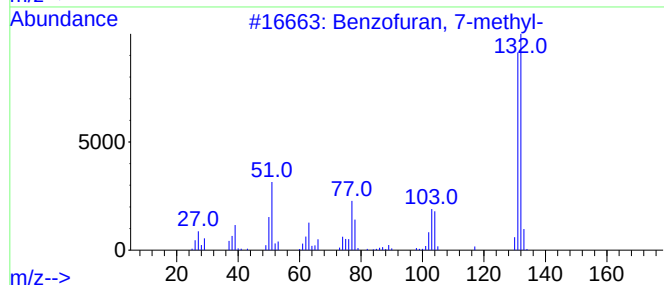
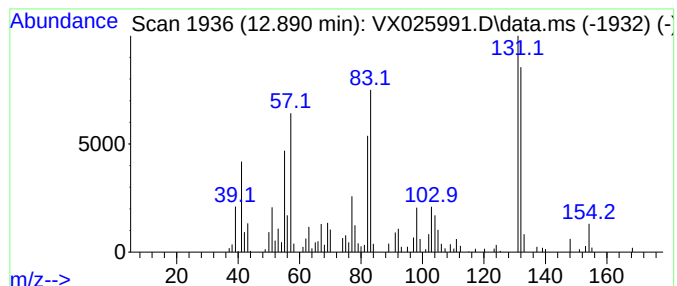
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 19 Benzofuran, 7-methyl- Concentration Rank 11

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.890 | 4.89 ug/L | 64609 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID           | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzofuran, 7-methyl-  | 132 | C9H8O   | 017059-52-8 | 90   |
| 2    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 89   |
| 3    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 70   |
| 4    |    |   | 3-Phenyl-2-propyn-1-ol | 132 | C9H8O   | 001504-58-1 | 55   |
| 5    |    |   | Benzofuran, 2-methyl-  | 132 | C9H8O   | 004265-25-2 | 55   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

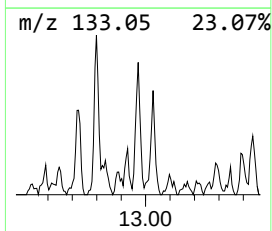
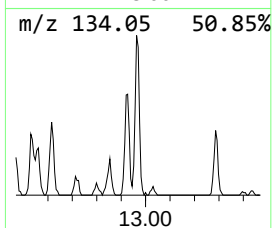
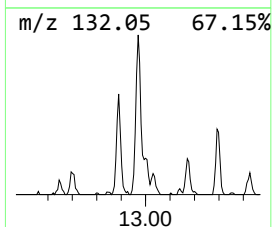
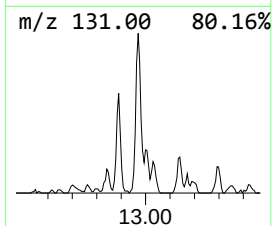
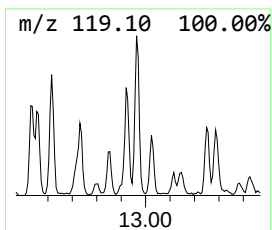
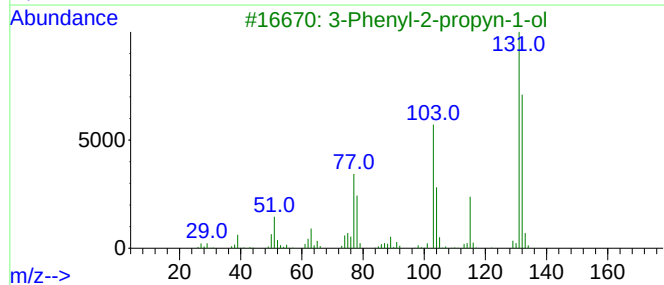
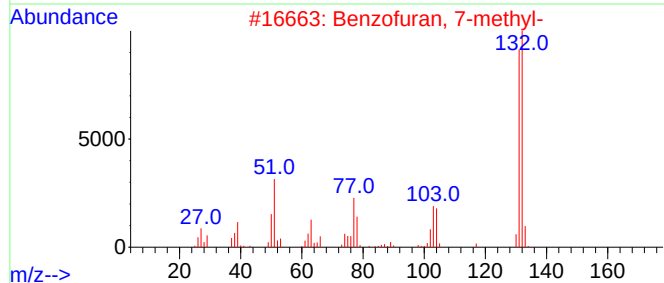
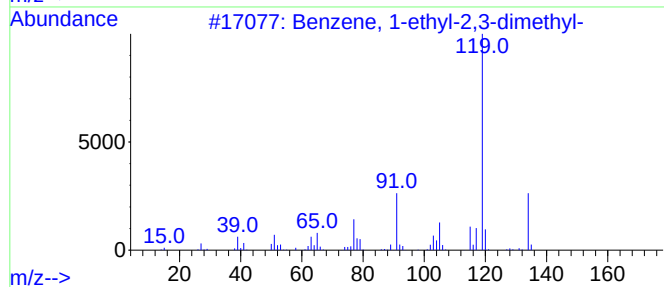
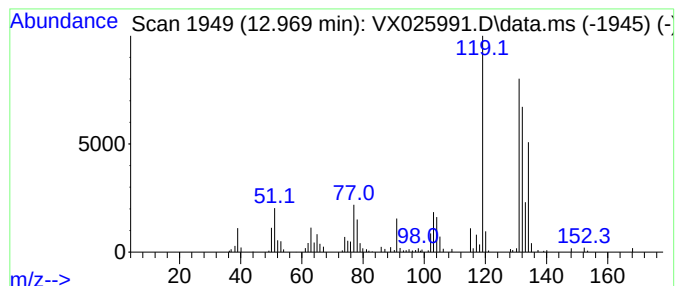
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 20 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 8

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 12.969 | 5.87 ug/L | 77580 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 83   |
| 2    |    |   | Benzofuran, 7-methyl-          | 132 | C9H8O   | 017059-52-8 | 70   |
| 3    |    |   | 3-Phenyl-2-propyn-1-ol         | 132 | C9H8O   | 001504-58-1 | 70   |
| 4    |    |   | 2-Propenal, 3-phenyl-          | 132 | C9H8O   | 000104-55-2 | 64   |
| 5    |    |   | Benzofuran, 2-methyl-          | 132 | C9H8O   | 004265-25-2 | 55   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

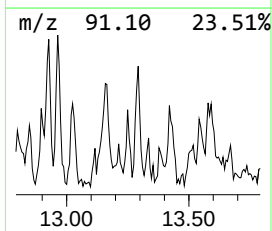
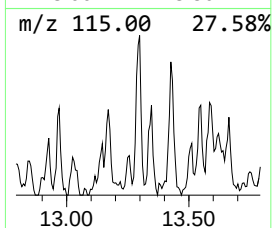
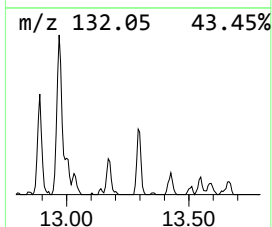
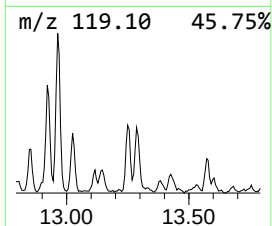
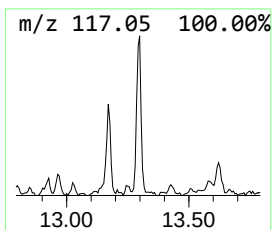
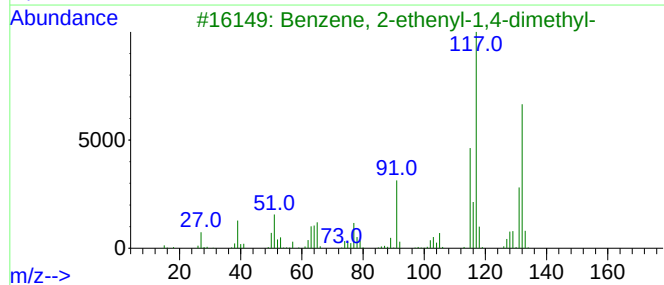
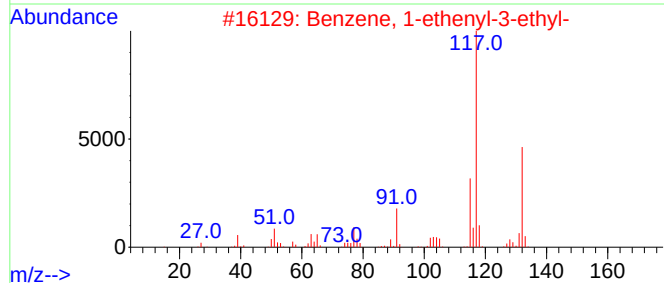
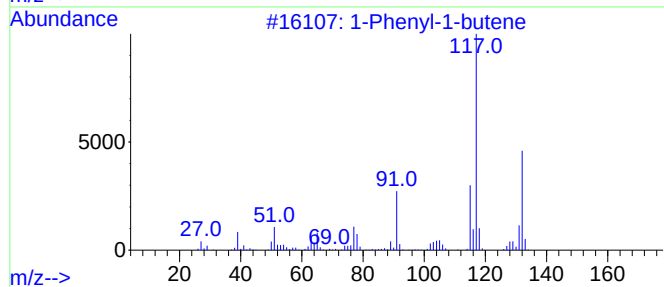
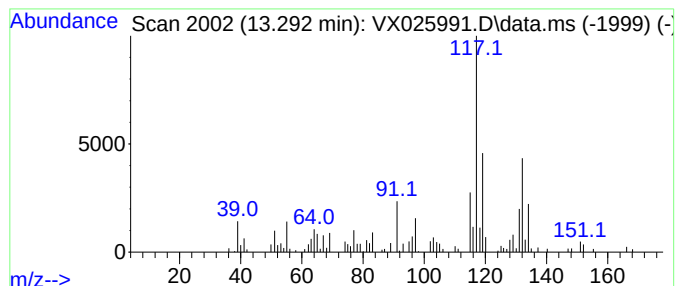
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 21 1-Phenyl-1-butene Concentration Rank 15

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.292 | 3.93 ug/L | 51979 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1-Phenyl-1-butene                | 132 | C10H12  | 000824-90-8 | 93   |
| 2    |    |   | Benzene, 1-ethenyl-3-ethyl-      | 132 | C10H12  | 007525-62-4 | 90   |
| 3    |    |   | Benzene, 2-ethenyl-1,4-dimethyl- | 132 | C10H12  | 002039-89-6 | 90   |
| 4    |    |   | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 70   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 70   |





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122321WMA.M  
Quant Title : VOC Analysis

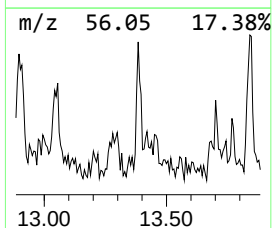
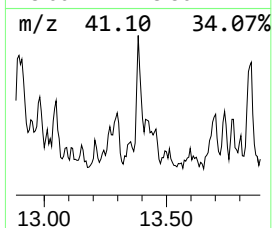
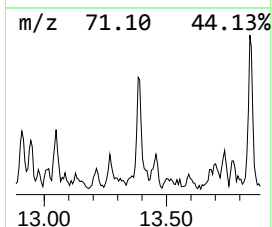
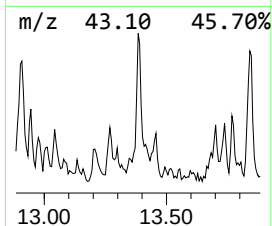
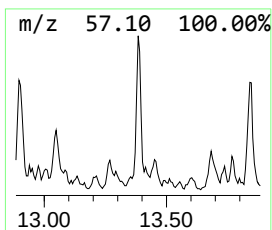
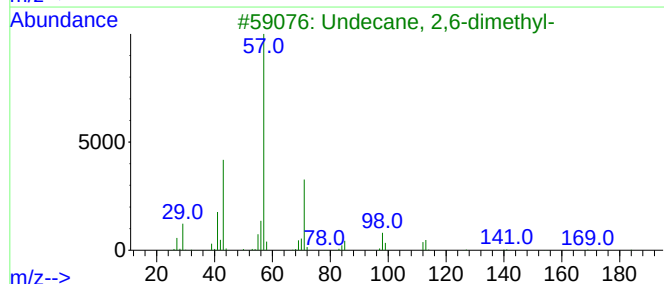
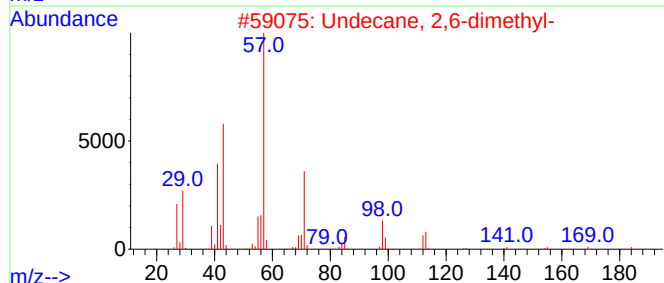
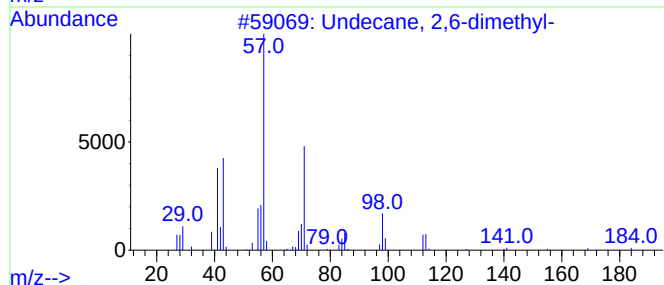
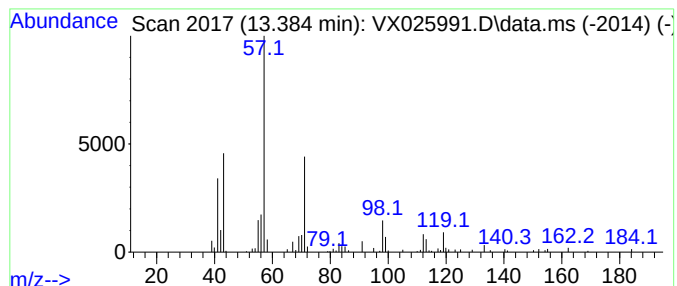
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 22 (DEL) Alkane: Straight-Chai... Concentration Rank 23

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.384 | 2.84 ug/L | 37539 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-  | 184 | C13H28  | 017301-23-4 | 90   |
| 2    |    |   | Undecane, 2,6-dimethyl-  | 184 | C13H28  | 017301-23-4 | 87   |
| 3    |    |   | Undecane, 2,6-dimethyl-  | 184 | C13H28  | 017301-23-4 | 76   |
| 4    |    |   | Decane, 2,6,8-trimethyl- | 184 | C13H28  | 062108-26-3 | 58   |
| 5    |    |   | Octane, 3,6-dimethyl-    | 142 | C10H22  | 015869-94-0 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

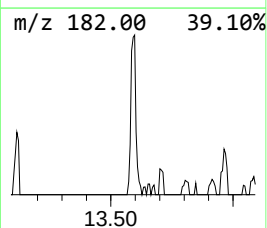
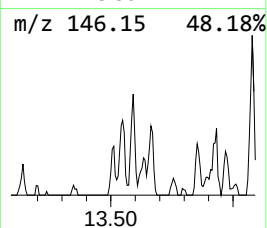
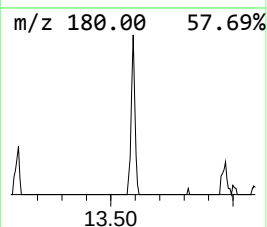
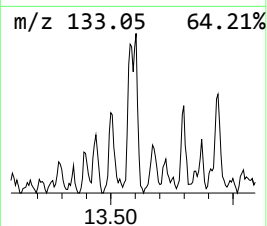
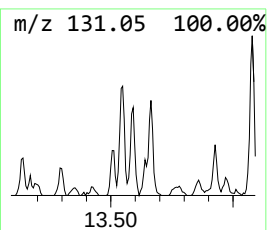
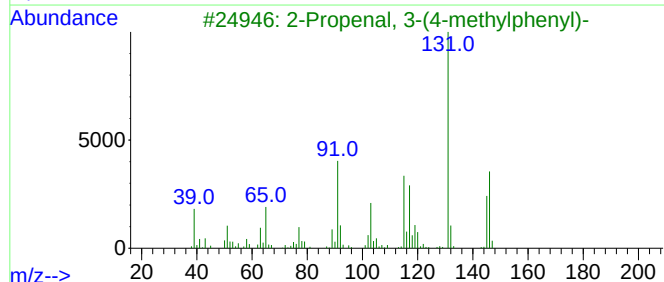
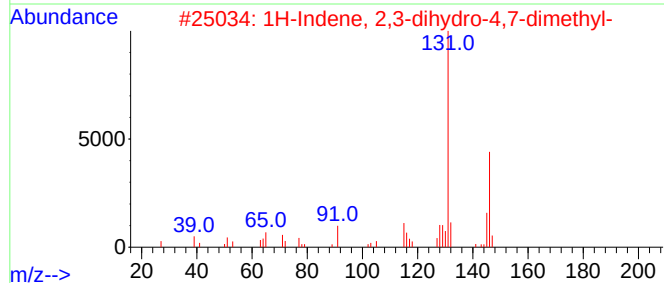
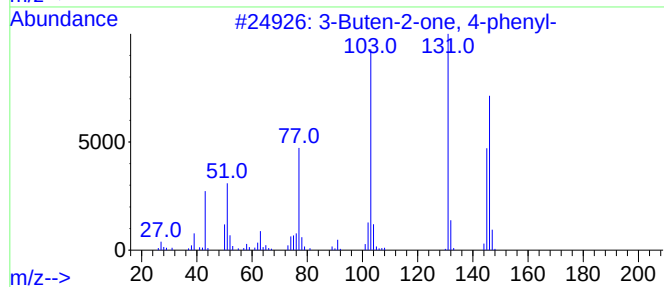
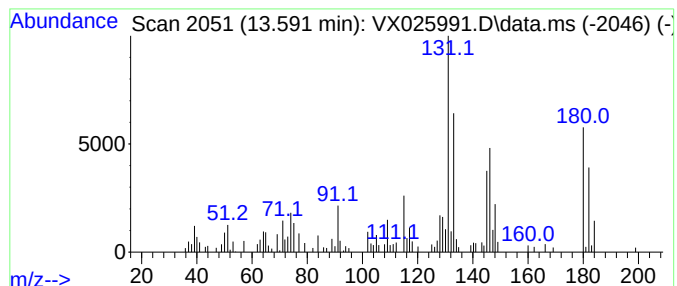
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 23 3-Buten-2-one, 4-phenyl- Concentration Rank 26

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.591 | 2.79 ug/L | 36808 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 3-Buten-2-one, 4-phenyl-            | 146 | C10H10O | 000122-57-6 | 50   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 46   |
| 3    |    |   | 2-Propenal, 3-(4-methylphenyl)-     | 146 | C10H10O | 001504-75-2 | 43   |
| 4    |    |   | Benzene, (2-methyl-1-butenyl)-      | 146 | C11H14  | 056253-64-6 | 41   |
| 5    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 41   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

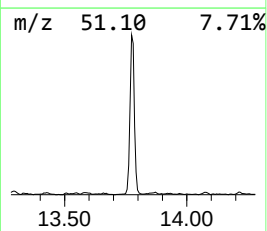
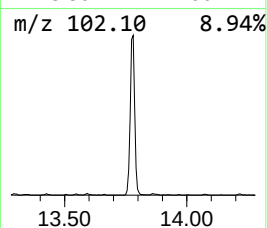
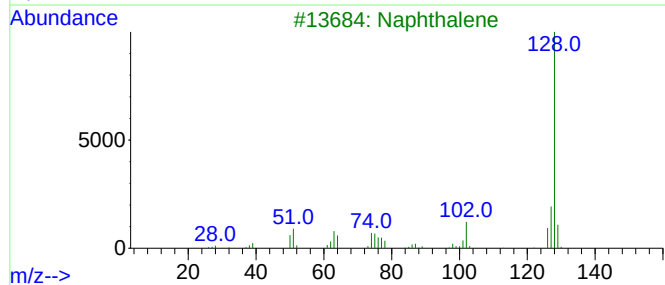
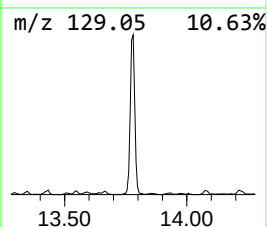
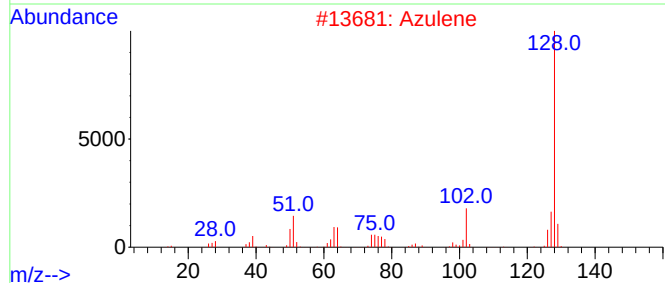
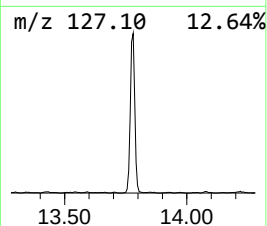
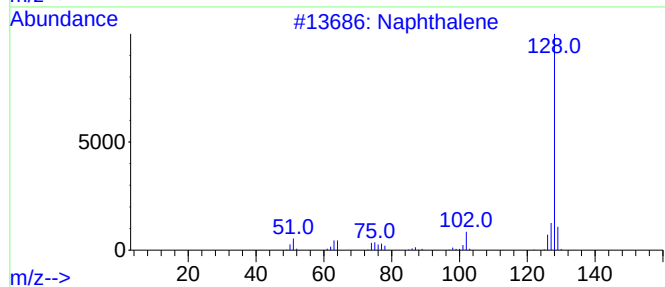
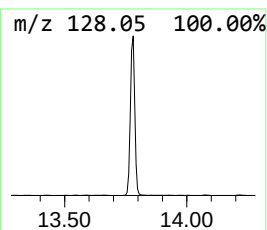
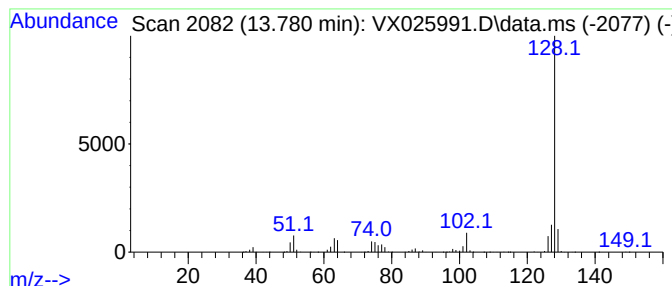
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 24 Azulene Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.780 | 69.89 ug/L | 923275 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 95   |
| 2    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 91   |
| 3    |    |   | Naphthalene  | 128 | C10H8   | 000091-20-3 | 91   |
| 4    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 91   |
| 5    |    |   | Azulene      | 128 | C10H8   | 000275-51-4 | 90   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

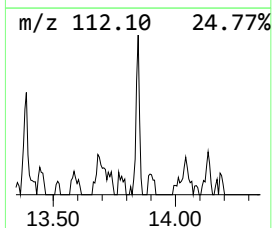
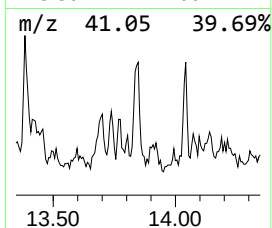
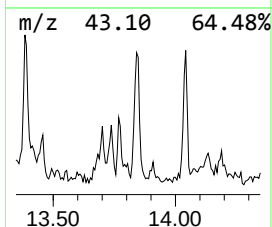
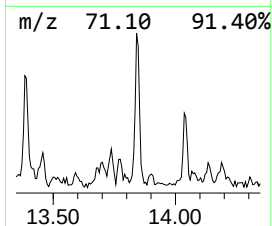
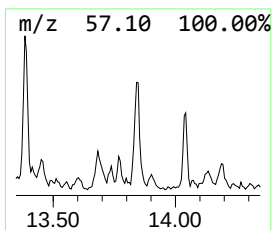
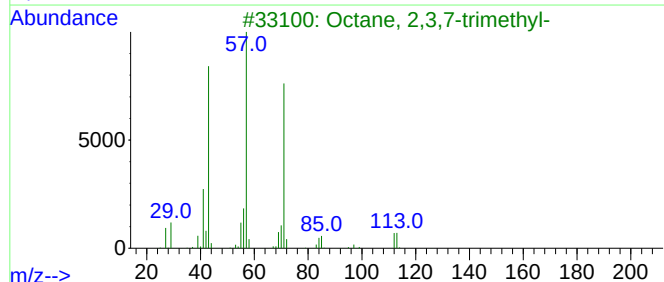
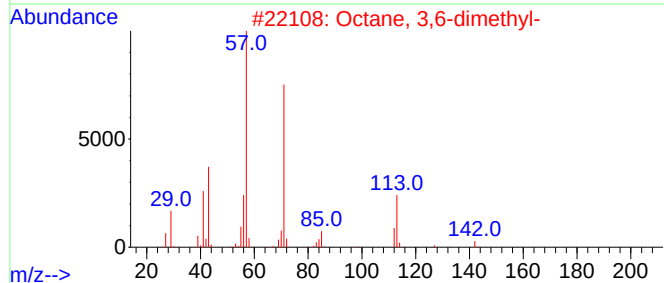
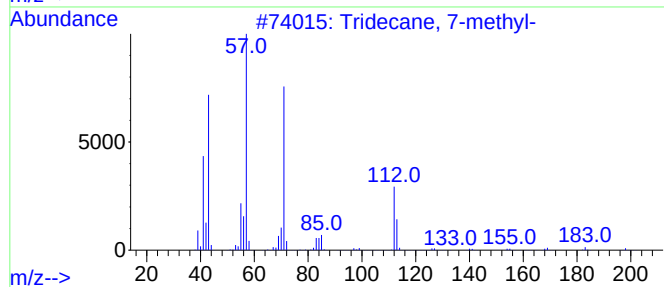
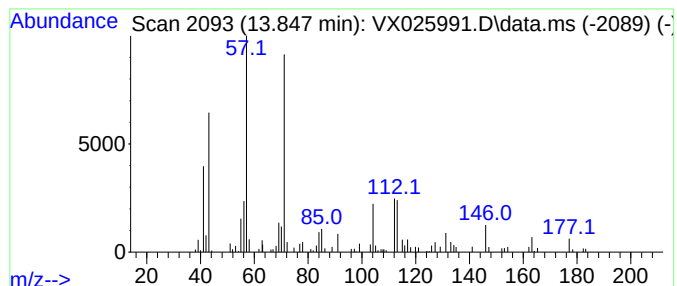
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 21

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.847 | 2.90 ug/L | 38347 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Tridecane, 7-methyl-                | 198 | C14H30   | 026730-14-3  | 59   |
| 2    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22   | 015869-94-0  | 59   |
| 3    |    |   | Octane, 2,3,7-trimethyl-            | 156 | C11H24   | 062016-34-6  | 53   |
| 4    |    |   | Oxalic acid, bis(2-ethylhexyl) e... | 314 | C18H34O4 | 1000309-39-0 | 50   |
| 5    |    |   | Oxalic acid, 2-ethylhexyl octyl ... | 314 | C18H34O4 | 1000309-39-1 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

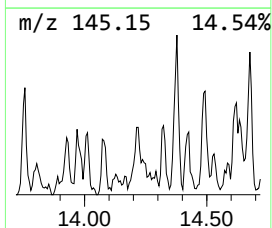
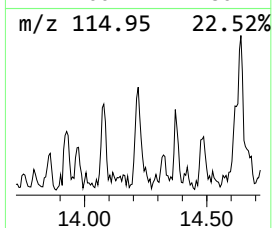
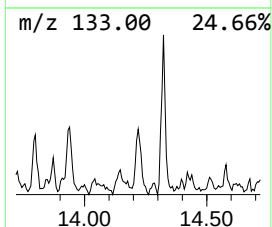
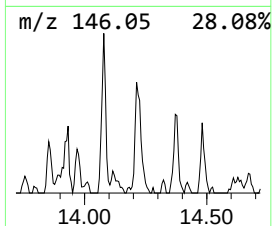
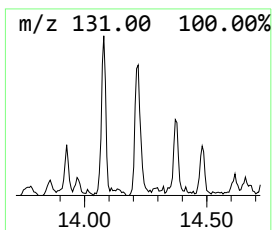
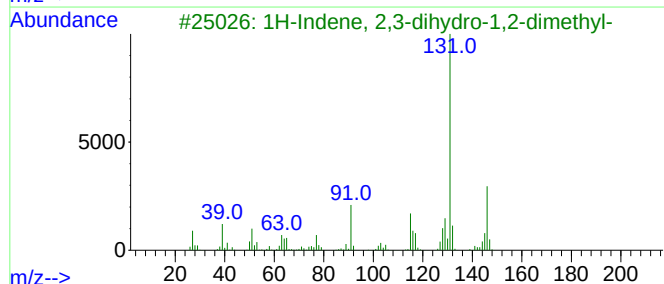
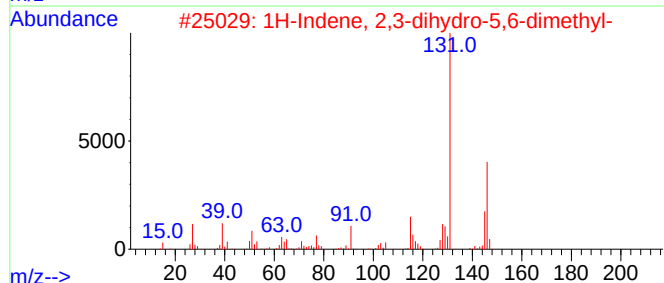
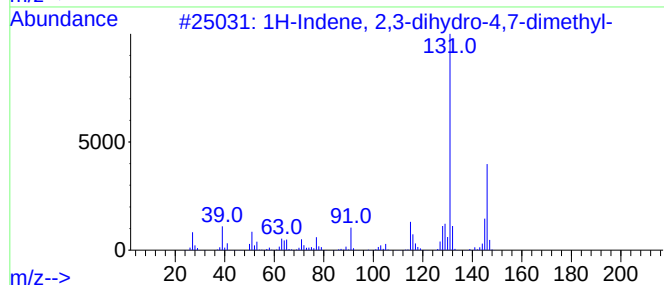
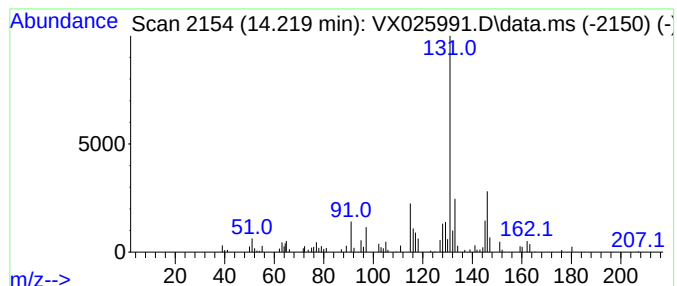
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 26 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 18

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.219 | 3.15 ug/L | 41594 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 96   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14  | 001075-22-5 | 91   |
| 3    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 91   |
| 4    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 91   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

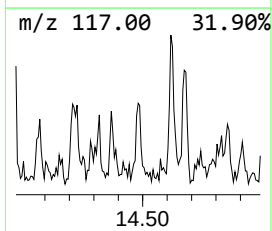
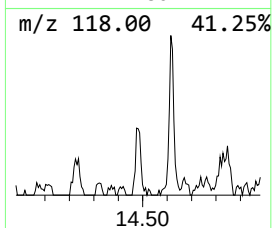
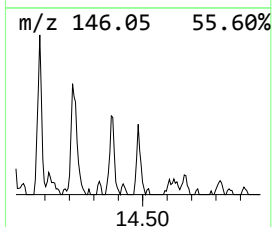
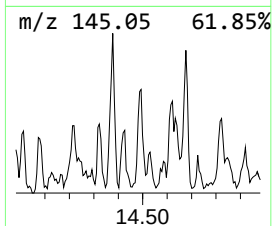
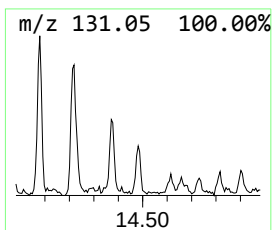
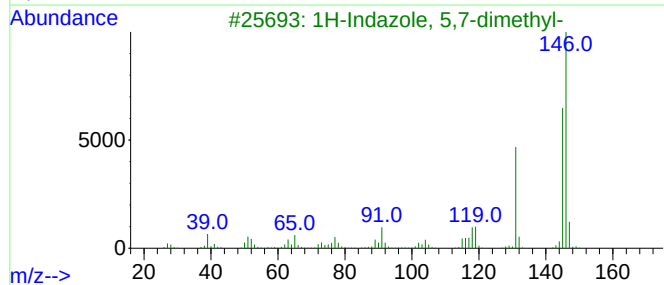
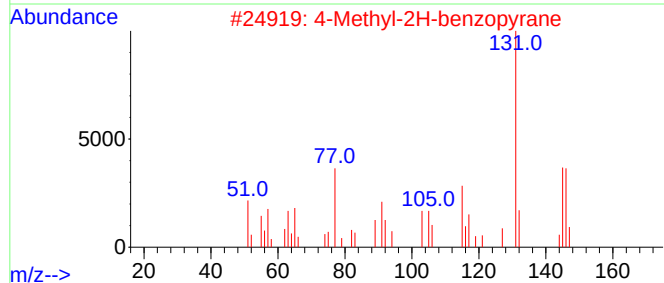
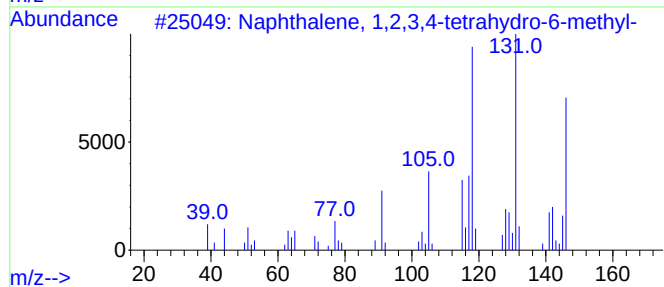
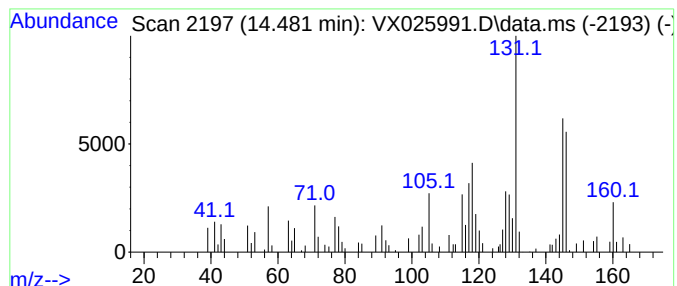
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
Quant Title : VOC Analysis

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

\*\*\*\*\*  
Peak Number 27 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 17

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 14.481 | 3.24 ug/L | 42795 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 60   |
| 2    |    |   | 4-Methyl-2H-benzopyrane             | 146 | C10H10O | 021776-94-3 | 55   |
| 3    |    |   | 1H-Indazole, 5,7-dimethyl-          | 146 | C9H10N2 | 043067-41-0 | 52   |
| 4    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5 | 49   |
| 5    |    |   | 1-Methylindan-2-one                 | 146 | C10H10O | 035587-60-1 | 46   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122321\  
Data File : VX025991.D  
Acq On : 24 Dec 2021 00:09  
Operator : JC/MD  
Sample : M5154-03ME  
Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122321WMA.M  
Quant Title : VOC Analysis

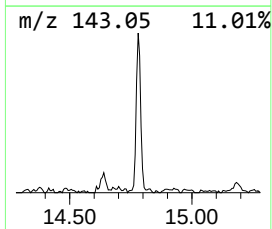
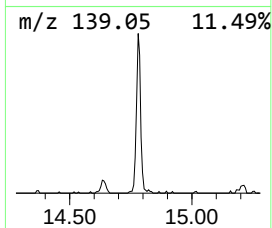
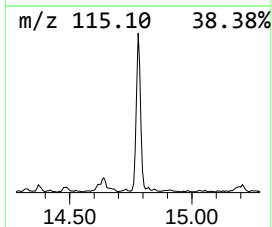
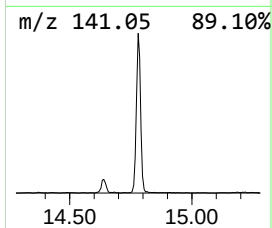
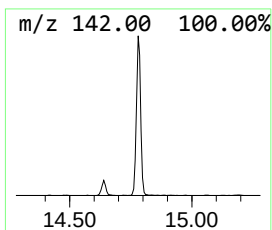
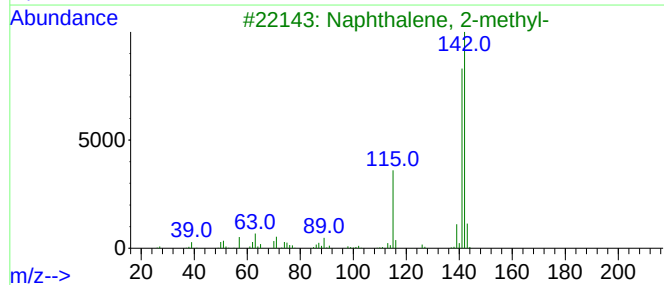
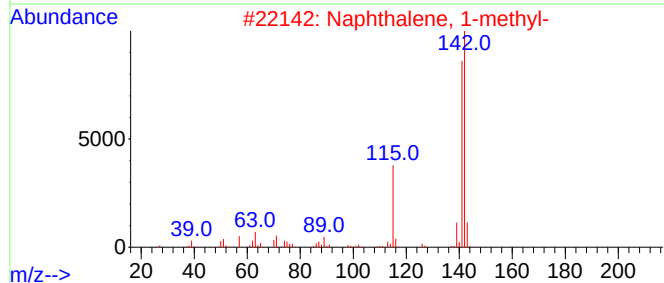
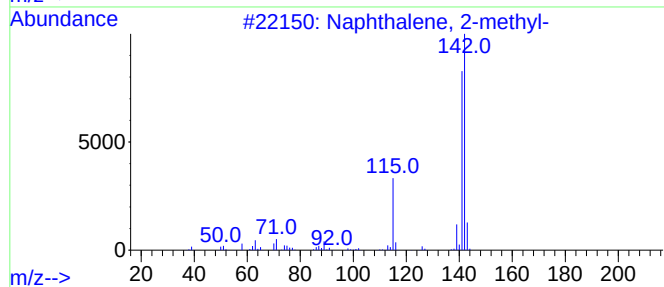
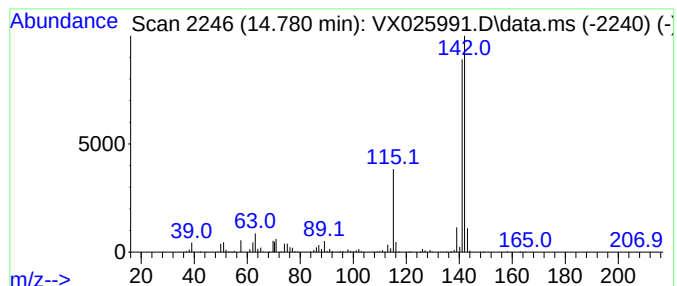
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 28 1,4-Methanonaphthalene, 1,4... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.780 | 21.18 ug/L | 279797 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 97   |
| 2    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 96   |
| 3    |    |   | Naphthalene, 2-methyl-              | 142 | C11H10  | 000091-57-6 | 96   |
| 4    |    |   | Naphthalene, 1-methyl-              | 142 | C11H10  | 000090-12-0 | 94   |
| 5    |    |   | 1,4-Methanonaphthalene, 1,4-dihy... | 142 | C11H10  | 004453-90-1 | 93   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\WX122321\  
 Data File : VX025991.D  
 Acq On : 24 Dec 2021 00:09  
 Operator : JC/MD  
 Sample : M5154-03ME  
 Misc : 6.66g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BGL83ME

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM122321WMA.M  
 Quant Title : VOC Analysis

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| unknown-01         | 1.569  | 2.6     | ug/L  | 26130    | 1                     | 6.763  | 505108 | 50.0 |
| (DEL) Alkane: S... | 10.586 | 2.8     | ug/L  | 33493    | 2                     | 10.055 | 599089 | 50.0 |
| (DEL) Alkane: S... | 10.781 | 5.4     | ug/L  | 64496    | 2                     | 10.055 | 599089 | 50.0 |
| (DEL) Alkane: C... | 10.854 | 4.2     | ug/L  | 49702    | 2                     | 10.055 | 599089 | 50.0 |
| (DEL) Alkane: S... | 11.031 | 2.7     | ug/L  | 32049    | 2                     | 10.055 | 599089 | 50.0 |
| (DEL) Alkane: S... | 11.086 | 3.4     | ug/L  | 44514    | 3                     | 12.024 | 660485 | 50.0 |
| Benzene, 1-ethy... | 11.384 | 4.0     | ug/L  | 53310    | 3                     | 12.024 | 660485 | 50.0 |
| Benzene, 1-ethy... | 11.616 | 2.8     | ug/L  | 37388    | 3                     | 12.024 | 660485 | 50.0 |
| (DEL) Alkane: S... | 11.841 | 3.1     | ug/L  | 41064    | 3                     | 12.024 | 660485 | 50.0 |
| (DEL) Alkane: S... | 11.890 | 2.9     | ug/L  | 37624    | 3                     | 12.024 | 660485 | 50.0 |
| (DEL) Alkane: C... | 11.939 | 5.8     | ug/L  | 77327    | 3                     | 12.024 | 660485 | 50.0 |
| Benzene, 1,2,3-... | 12.091 | 6.9     | ug/L  | 91492    | 3                     | 12.024 | 660485 | 50.0 |
| unknown-02         | 12.152 | 3.1     | ug/L  | 41198    | 3                     | 12.024 | 660485 | 50.0 |
| Indane             | 12.244 | 40.2    | ug/L  | 531256   | 3                     | 12.024 | 660485 | 50.0 |
| Indene             | 12.415 | 7.5     | ug/L  | 99043    | 3                     | 12.024 | 660485 | 50.0 |
| Benzene, 1-meth... | 12.469 | 4.3     | ug/L  | 56524    | 3                     | 12.024 | 660485 | 50.0 |
| Benzene, 4-ethy... | 12.536 | 2.6     | ug/L  | 33982    | 3                     | 12.024 | 660485 | 50.0 |
| Benzofuran, 7-m... | 12.890 | 4.9     | ug/L  | 64609    | 3                     | 12.024 | 660485 | 50.0 |
| Benzene, 1-ethy... | 12.969 | 5.9     | ug/L  | 77580    | 3                     | 12.024 | 660485 | 50.0 |
| 1-Phenyl-1-butene  | 13.292 | 3.9     | ug/L  | 51979    | 3                     | 12.024 | 660485 | 50.0 |
| (DEL) Alkane: S... | 13.384 | 2.8     | ug/L  | 37539    | 3                     | 12.024 | 660485 | 50.0 |
| 3-Buten-2-one, ... | 13.591 | 2.8     | ug/L  | 36808    | 3                     | 12.024 | 660485 | 50.0 |
| Azulene            | 13.780 | 69.9    | ug/L  | 923275   | 3                     | 12.024 | 660485 | 50.0 |
| (DEL) Alkane: S... | 13.847 | 2.9     | ug/L  | 38347    | 3                     | 12.024 | 660485 | 50.0 |
| 1H-Indene, 2,3-... | 14.219 | 3.1     | ug/L  | 41594    | 3                     | 12.024 | 660485 | 50.0 |
| Naphthalene, 1,... | 14.481 | 3.2     | ug/L  | 42795    | 3                     | 12.024 | 660485 | 50.0 |
| 1,4-Methanonaph... | 14.780 | 21.2    | ug/L  | 279797   | 3                     | 12.024 | 660485 | 50.0 |