

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
 Data File : VX042167.D  
 Acq On : 03 Jul 2024 16:22  
 Operator : JC/MD  
 Sample : P3119-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW2-20240627

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Title : SW846 8260

Signal : TIC: VX042167.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         | 1.240       | 22            | 25          | 27           | rBV      | 10069          | 10291         | 1.57%           | 0.110%        |
| 2         | 1.605       | 69            | 85          | 87           | rBV8     | 6571           | 24900         | 3.80%           | 0.267%        |
| 3         | 1.715       | 99            | 103         | 113          | rVB      | 38071          | 54241         | 8.29%           | 0.581%        |
| 4         | 1.935       | 134           | 139         | 147          | rVB      | 8391           | 13795         | 2.11%           | 0.148%        |
| 5         | 2.197       | 178           | 182         | 194          | rVB2     | 4838           | 9450          | 1.44%           | 0.101%        |
| 6         | 2.325       | 194           | 203         | 208          | rBV3     | 6293           | 13138         | 2.01%           | 0.141%        |
| 7         | 2.392       | 208           | 214         | 225          | rVB      | 18286          | 32120         | 4.91%           | 0.344%        |
| 8         | 2.770       | 261           | 276         | 279          | rBV2     | 18715          | 43022         | 6.57%           | 0.461%        |
| 9         | 2.812       | 279           | 283         | 287          | rVV      | 28390          | 56447         | 8.62%           | 0.605%        |
| 10        | 2.855       | 288           | 290         | 303          | rVB3     | 11895          | 22222         | 3.39%           | 0.238%        |
| 11        | 3.093       | 320           | 329         | 341          | rBV      | 42369          | 100889        | 15.41%          | 1.081%        |
| 12        | 3.721       | 424           | 432         | 442          | rBV2     | 6270           | 15092         | 2.31%           | 0.162%        |
| 13        | 3.831       | 442           | 450         | 458          | rVV2     | 4244           | 10411         | 1.59%           | 0.112%        |
| 14        | 4.099       | 488           | 494         | 502          | rVB3     | 4068           | 9971          | 1.52%           | 0.107%        |
| 15        | 4.202       | 502           | 511         | 517          | rBV3     | 4492           | 11995         | 1.83%           | 0.129%        |
| 16        | 4.294       | 517           | 526         | 536          | rBV      | 35007          | 99169         | 15.15%          | 1.063%        |
| 17        | 4.586       | 565           | 574         | 587          | rBV2     | 2737           | 9844          | 1.50%           | 0.106%        |
| 18        | 5.184       | 670           | 672         | 685          | rVB4     | 3725           | 8352          | 1.28%           | 0.090%        |
| 19        | 5.385       | 694           | 705         | 714          | rBV      | 76402          | 227630        | 34.77%          | 2.440%        |
| 20        | 5.464       | 715           | 718         | 723          | rVV2     | 13786          | 34401         | 5.25%           | 0.369%        |
| 21        | 5.550       | 723           | 732         | 761          | rVB      | 129079         | 424878        | 64.90%          | 4.554%        |
| 22        | 5.824       | 766           | 777         | 789          | rVV4     | 7939           | 25243         | 3.86%           | 0.271%        |
| 23        | 5.958       | 789           | 799         | 805          | rVV      | 72951          | 188044        | 28.72%          | 2.015%        |
| 24        | 6.037       | 805           | 812         | 823          | rVV      | 59843          | 170700        | 26.07%          | 1.830%        |
| 25        | 6.153       | 824           | 831         | 839          | rVV6     | 11808          | 47212         | 7.21%           | 0.506%        |
| 26        | 6.245       | 841           | 846         | 854          | rVV3     | 19420          | 57005         | 8.71%           | 0.611%        |
| 27        | 6.342       | 854           | 862         | 875          | rVB5     | 11460          | 40080         | 6.12%           | 0.430%        |
| 28        | 6.763       | 921           | 931         | 940          | rBV      | 191961         | 472215        | 72.13%          | 5.061%        |
| 29        | 7.171       | 990           | 998         | 1005         | rBV5     | 5042           | 12037         | 1.84%           | 0.129%        |
| 30        | 7.373       | 1022          | 1031        | 1044         | rVB4     | 26943          | 78860         | 12.05%          | 0.845%        |
| 31        | 7.653       | 1072          | 1077        | 1089         | rVB4     | 5975           | 13546         | 2.07%           | 0.145%        |
| 32        | 7.775       | 1090          | 1097        | 1103         | rVB4     | 4882           | 10543         | 1.61%           | 0.113%        |
| 33        | 7.879       | 1103          | 1114        | 1122         | rBV6     | 5152           | 19472         | 2.97%           | 0.209%        |
| 34        | 7.982       | 1122          | 1131        | 1141         | rVB3     | 10507          | 27446         | 4.19%           | 0.294%        |
| 35        | 8.104       | 1143          | 1151        | 1155         | rBV3     | 14503          | 32485         | 4.96%           | 0.348%        |
| 36        | 8.141       | 1155          | 1157        | 1161         | rVV3     | 7358           | 10263         | 1.57%           | 0.110%        |

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Integrator: RTE

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |        |         |        |
|----|--------|------|------|------|------|--------|--------|---------|--------|
| 37 | 8.318  | 1179 | 1186 | 1191 | rVB6 | 4076   | 8732   | 1.33%   | 0.094% |
| 38 | 8.507  | 1212 | 1217 | 1225 | rVB5 | 12606  | 26197  | 4.00%   | 0.281% |
| 39 | 8.604  | 1225 | 1233 | 1235 | rBV5 | 12911  | 30127  | 4.60%   | 0.323% |
| 40 | 8.647  | 1235 | 1240 | 1248 | rVV  | 414850 | 654652 | 100.00% | 7.016% |
| 41 | 8.720  | 1248 | 1252 | 1257 | rVV  | 9416   | 17534  | 2.68%   | 0.188% |
| 42 | 8.976  | 1288 | 1294 | 1299 | rVB6 | 7127   | 13485  | 2.06%   | 0.145% |
| 43 | 9.098  | 1307 | 1314 | 1320 | rVB2 | 10920  | 20552  | 3.14%   | 0.220% |
| 44 | 9.159  | 1320 | 1324 | 1329 | rBV  | 8870   | 14453  | 2.21%   | 0.155% |
| 45 | 9.506  | 1376 | 1381 | 1386 | rVB4 | 6359   | 11044  | 1.69%   | 0.118% |
| 46 | 10.055 | 1465 | 1471 | 1480 | rBV  | 426419 | 595926 | 91.03%  | 6.387% |
| 47 | 10.195 | 1489 | 1494 | 1503 | rBV  | 261219 | 342796 | 52.36%  | 3.674% |
| 48 | 10.299 | 1504 | 1511 | 1520 | rVB  | 331904 | 462950 | 70.72%  | 4.962% |
| 49 | 10.640 | 1562 | 1567 | 1577 | rVB  | 20391  | 31299  | 4.78%   | 0.335% |
| 50 | 10.866 | 1598 | 1604 | 1614 | rVB8 | 3031   | 8492   | 1.30%   | 0.091% |
| 51 | 10.963 | 1614 | 1620 | 1625 | rBV  | 39963  | 52048  | 7.95%   | 0.558% |
| 52 | 11.079 | 1634 | 1639 | 1651 | rBV  | 380679 | 491426 | 75.07%  | 5.267% |
| 53 | 11.305 | 1667 | 1676 | 1684 | rBV  | 55083  | 74739  | 11.42%  | 0.801% |
| 54 | 11.396 | 1684 | 1691 | 1696 | rVV  | 65497  | 116925 | 17.86%  | 1.253% |
| 55 | 11.451 | 1696 | 1700 | 1711 | rVB  | 72525  | 92374  | 14.11%  | 0.990% |
| 56 | 11.610 | 1720 | 1726 | 1735 | rBV  | 144140 | 188398 | 28.78%  | 2.019% |
| 57 | 11.750 | 1745 | 1749 | 1756 | rVB  | 253579 | 310403 | 47.41%  | 3.327% |
| 58 | 11.890 | 1769 | 1772 | 1776 | rVB  | 7482   | 8920   | 1.36%   | 0.096% |
| 59 | 11.969 | 1782 | 1785 | 1789 | rVB3 | 8045   | 9351   | 1.43%   | 0.100% |
| 60 | 12.024 | 1789 | 1794 | 1800 | rBV  | 451383 | 587381 | 89.72%  | 6.295% |
| 61 | 12.085 | 1800 | 1804 | 1810 | rVB  | 119329 | 145298 | 22.19%  | 1.557% |
| 62 | 12.244 | 1822 | 1830 | 1838 | rBV2 | 359284 | 470462 | 71.86%  | 5.042% |
| 63 | 12.317 | 1838 | 1842 | 1850 | rVB2 | 47433  | 71506  | 10.92%  | 0.766% |
| 64 | 12.408 | 1851 | 1857 | 1862 | rBV3 | 20232  | 29129  | 4.45%   | 0.312% |
| 65 | 12.463 | 1862 | 1866 | 1872 | rVB2 | 49539  | 69833  | 10.67%  | 0.748% |
| 66 | 12.530 | 1872 | 1877 | 1879 | rBV  | 37503  | 45012  | 6.88%   | 0.482% |
| 67 | 12.555 | 1879 | 1881 | 1885 | rVB  | 24981  | 26787  | 4.09%   | 0.287% |
| 68 | 12.609 | 1885 | 1890 | 1894 | rBV  | 137997 | 172008 | 26.27%  | 1.844% |
| 69 | 12.646 | 1894 | 1896 | 1900 | rVV  | 31711  | 32799  | 5.01%   | 0.352% |
| 70 | 12.701 | 1900 | 1905 | 1912 | rVV2 | 121932 | 180324 | 27.55%  | 1.933% |
| 71 | 12.847 | 1924 | 1929 | 1934 | rVB2 | 23794  | 30685  | 4.69%   | 0.329% |
| 72 | 12.920 | 1934 | 1941 | 1945 | rBV  | 96739  | 118928 | 18.17%  | 1.275% |
| 73 | 12.963 | 1945 | 1948 | 1954 | rVV  | 70336  | 84219  | 12.86%  | 0.903% |
| 74 | 13.030 | 1954 | 1959 | 1964 | rVV4 | 13794  | 28292  | 4.32%   | 0.303% |
| 75 | 13.134 | 1968 | 1976 | 1978 | rVV4 | 12239  | 20910  | 3.19%   | 0.224% |
| 76 | 13.170 | 1978 | 1982 | 1991 | rVV  | 76846  | 107808 | 16.47%  | 1.155% |

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Integration Parameters: RTEINT.P

Integrator: RTE

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Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
 Title : SW846 8260

|     |        |      |      |      |      |        |        |        |        |
|-----|--------|------|------|------|------|--------|--------|--------|--------|
| 77  | 13.256 | 1991 | 1996 | 1997 | rVV4 | 12407  | 17090  | 2.61%  | 0.183% |
| 78  | 13.292 | 1997 | 2002 | 2007 | rVV2 | 192167 | 253016 | 38.65% | 2.712% |
| 79  | 13.347 | 2007 | 2011 | 2013 | rVV3 | 9029   | 15549  | 2.38%  | 0.167% |
| 80  | 13.371 | 2013 | 2015 | 2020 | rVV2 | 7912   | 10086  | 1.54%  | 0.108% |
|     |        |      |      |      |      |        |        |        |        |
| 81  | 13.420 | 2020 | 2023 | 2031 | rVB3 | 23823  | 34591  | 5.28%  | 0.371% |
| 82  | 13.506 | 2031 | 2037 | 2039 | rBV2 | 10648  | 15053  | 2.30%  | 0.161% |
| 83  | 13.542 | 2039 | 2043 | 2046 | rVV  | 29239  | 40954  | 6.26%  | 0.439% |
| 84  | 13.585 | 2046 | 2050 | 2055 | rVV2 | 35486  | 64889  | 9.91%  | 0.695% |
| 85  | 13.640 | 2055 | 2059 | 2060 | rVV  | 17123  | 23433  | 3.58%  | 0.251% |
|     |        |      |      |      |      |        |        |        |        |
| 86  | 13.664 | 2060 | 2063 | 2069 | rVB2 | 28324  | 45456  | 6.94%  | 0.487% |
| 87  | 13.774 | 2076 | 2081 | 2090 | rBV  | 200688 | 256027 | 39.11% | 2.744% |
| 88  | 13.865 | 2091 | 2096 | 2102 | rVB  | 11145  | 17369  | 2.65%  | 0.186% |
| 89  | 13.926 | 2102 | 2106 | 2109 | rBV2 | 9956   | 13243  | 2.02%  | 0.142% |
| 90  | 13.969 | 2109 | 2113 | 2117 | rVB3 | 12615  | 15481  | 2.36%  | 0.166% |
|     |        |      |      |      |      |        |        |        |        |
| 91  | 14.073 | 2126 | 2130 | 2137 | rVB  | 17599  | 21881  | 3.34%  | 0.235% |
| 92  | 14.213 | 2148 | 2153 | 2159 | rBV  | 16025  | 25416  | 3.88%  | 0.272% |
| 93  | 14.316 | 2166 | 2170 | 2175 | rVB  | 7667   | 10032  | 1.53%  | 0.108% |
| 94  | 14.371 | 2175 | 2179 | 2184 | rBV  | 11272  | 14765  | 2.26%  | 0.158% |
| 95  | 14.633 | 2214 | 2222 | 2234 | rBV  | 51829  | 79530  | 12.15% | 0.852% |
|     |        |      |      |      |      |        |        |        |        |
| 96  | 14.755 | 2238 | 2242 | 2243 | rVV  | 14143  | 15044  | 2.30%  | 0.161% |
| 97  | 14.780 | 2243 | 2246 | 2254 | rVB  | 45059  | 58274  | 8.90%  | 0.625% |
| 98  | 15.127 | 2294 | 2303 | 2306 | rBV8 | 3917   | 11196  | 1.71%  | 0.120% |
| 99  | 15.213 | 2313 | 2317 | 2324 | rVV3 | 11224  | 15403  | 2.35%  | 0.165% |
| 100 | 15.487 | 2357 | 2362 | 2368 | rBV3 | 10429  | 14942  | 2.28%  | 0.160% |

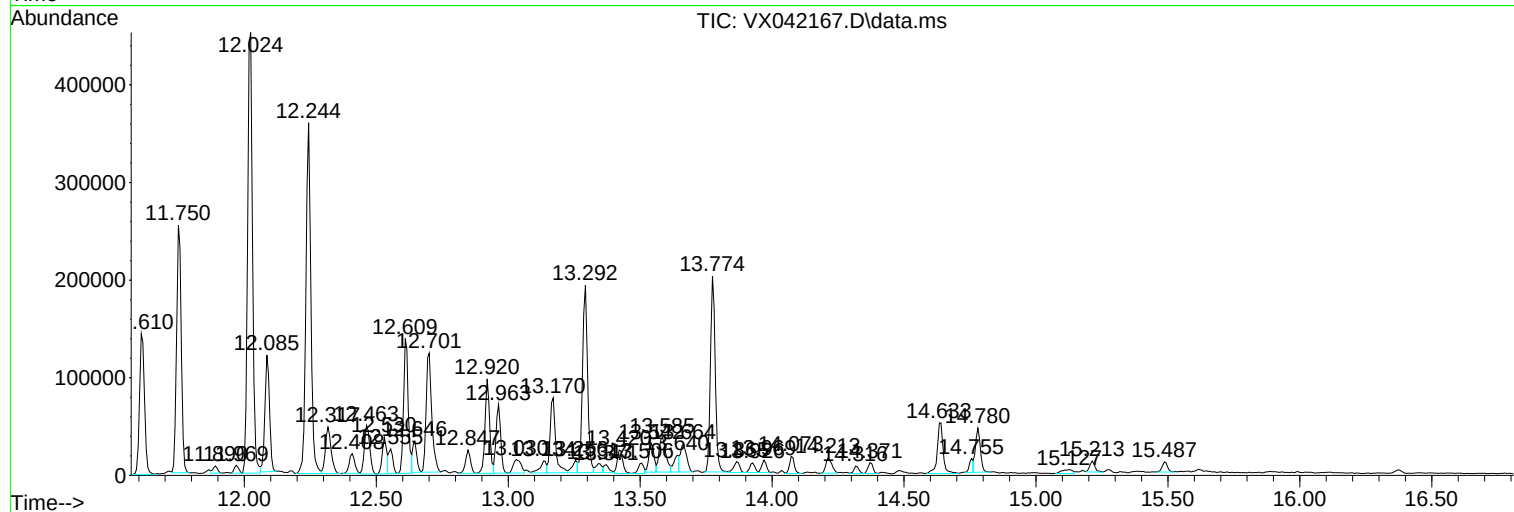
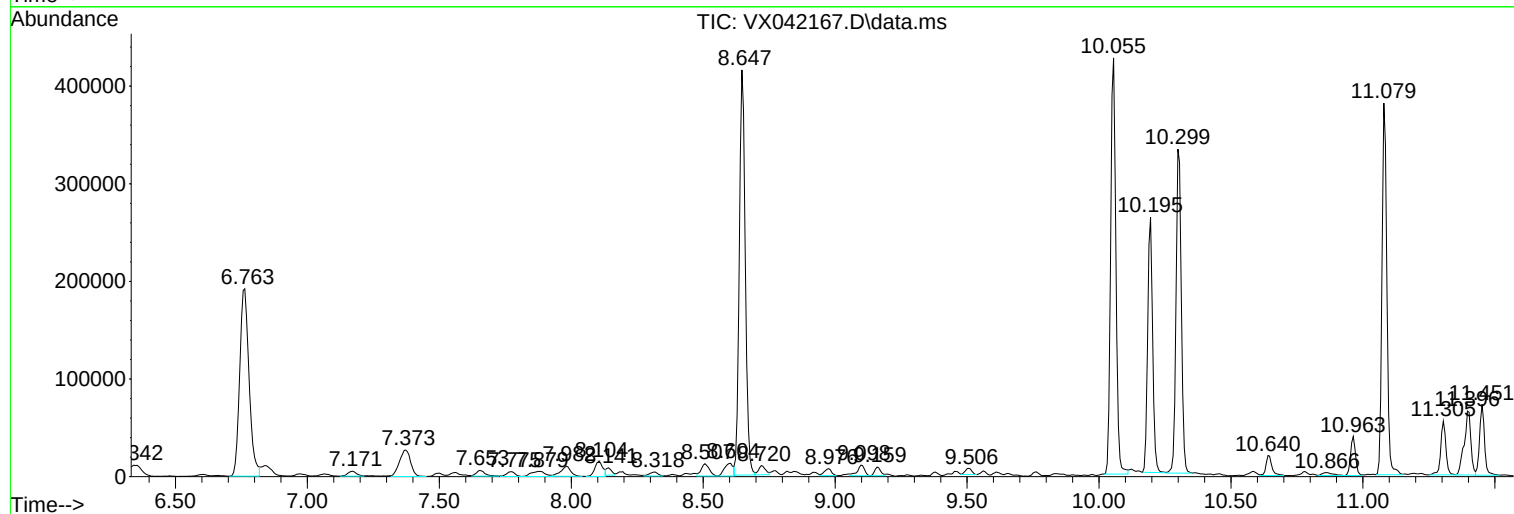
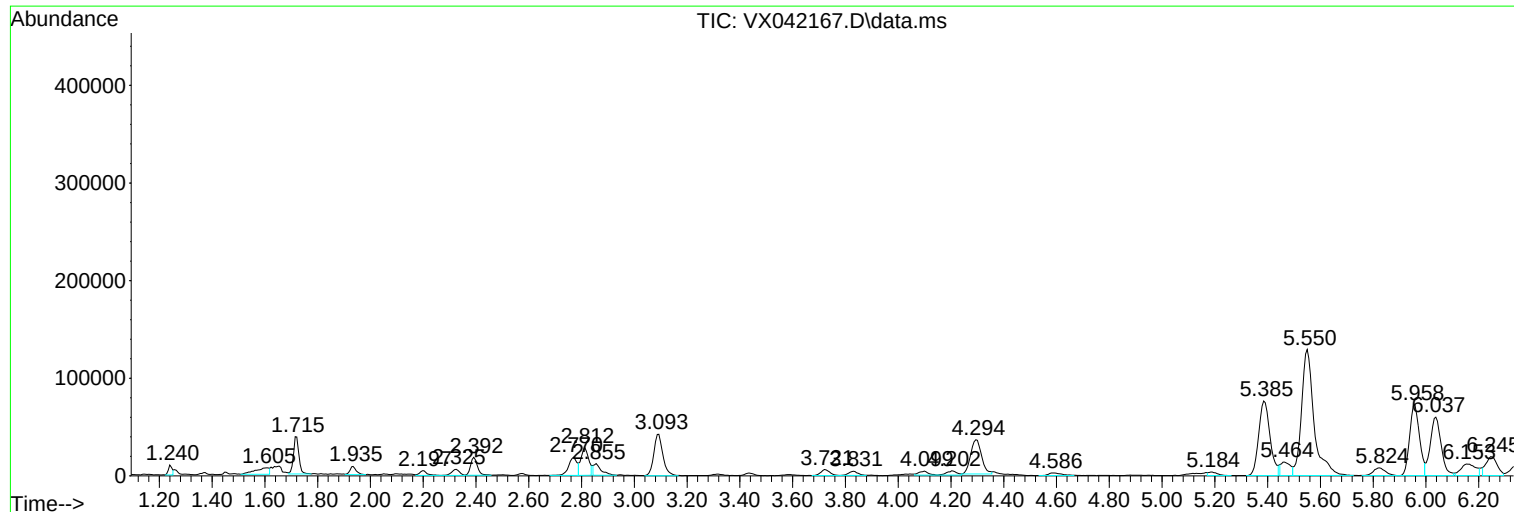
Sum of corrected areas: 9330333

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

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



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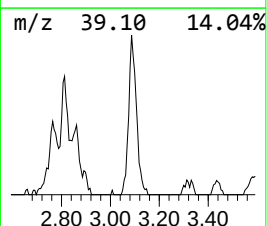
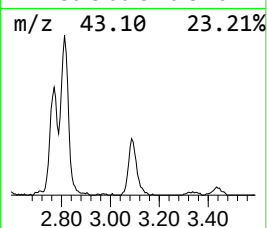
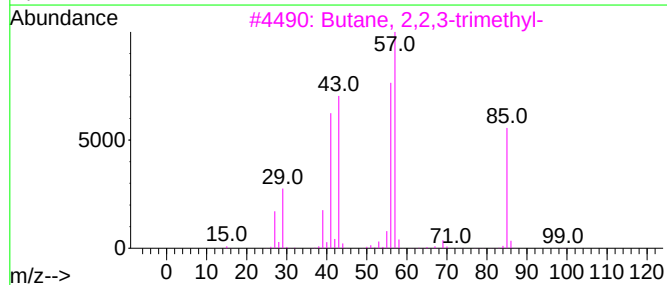
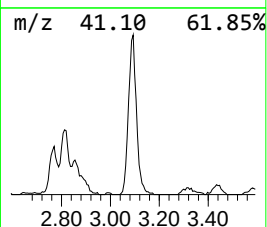
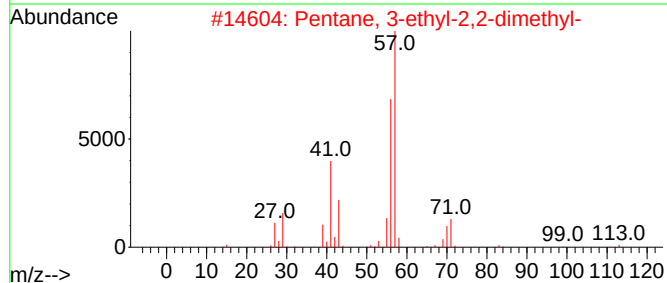
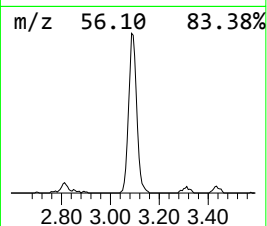
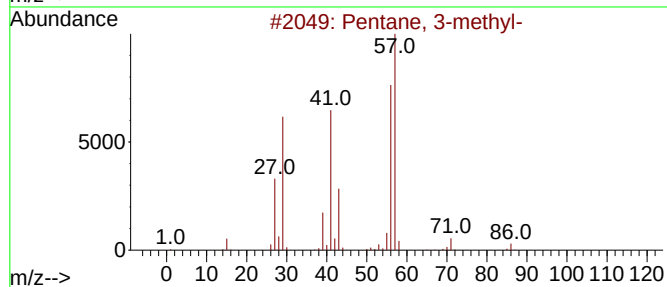
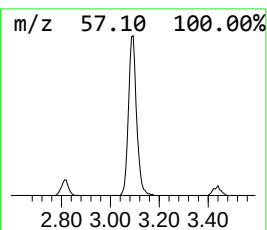
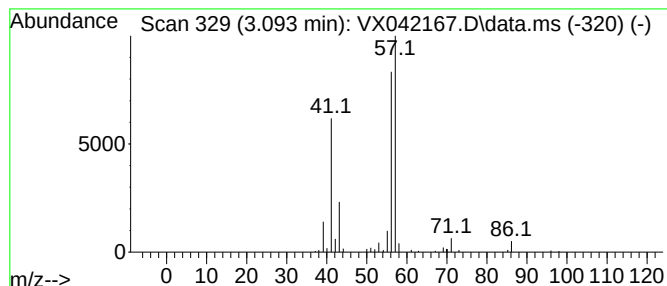
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Pentane, 3-methyl- Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD   | R.T.  |
|-------|------------|--------|--------------------|-------|
| 3.093 | 11.87 ug/l | 100889 | Pentafluorobenzene | 5.550 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm  | CAS#        | Qual |
|------|----|---|--------------------------------|-----|----------|-------------|------|
| 1    |    |   | Pentane, 3-methyl-             | 86  | C6H14    | 000096-14-0 | 91   |
| 2    |    |   | Pentane, 3-ethyl-2,2-dimethyl- | 128 | C9H20    | 016747-32-3 | 64   |
| 3    |    |   | Butane, 2,2,3-trimethyl-       | 100 | C7H16    | 000464-06-2 | 64   |
| 4    |    |   | Sulphuric acid dibutyl ester   | 210 | C8H18O4S | 000625-22-9 | 56   |
| 5    |    |   | Oxirane, (1-methylethyl)-      | 86  | C5H10O   | 001438-14-8 | 45   |



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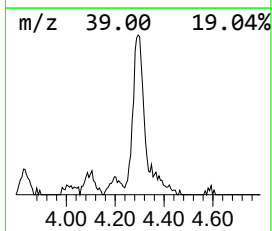
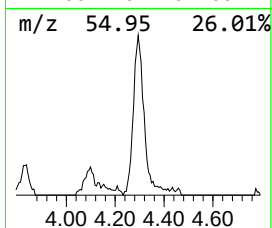
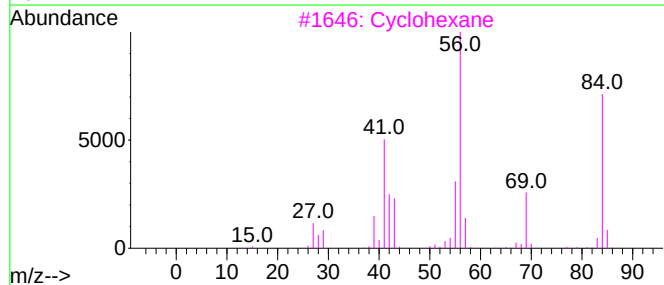
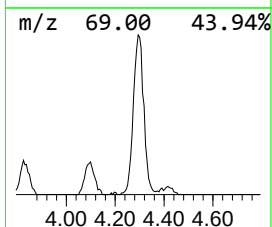
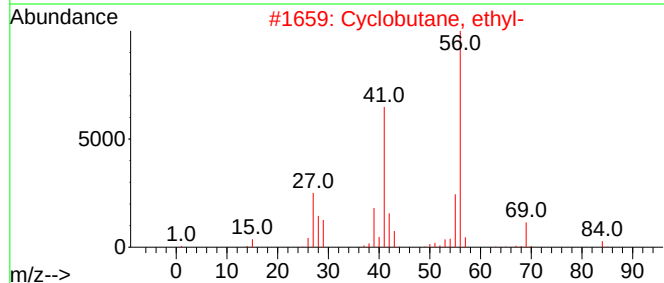
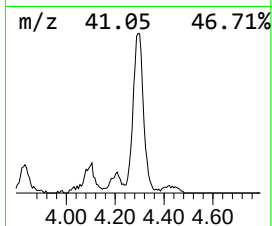
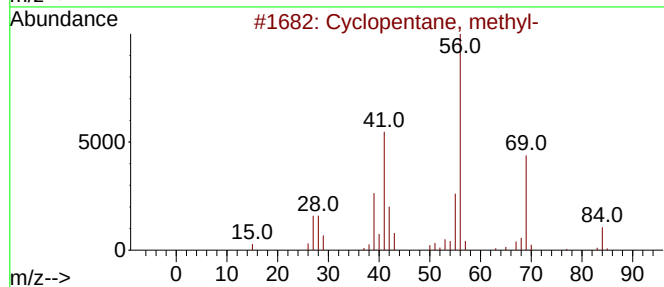
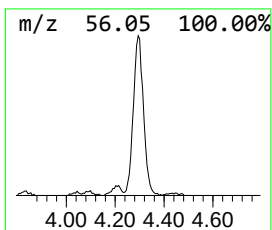
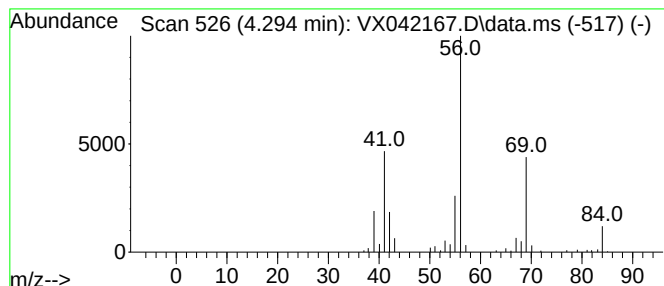
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

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

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Peak Number 2 Cyclopentane, methyl- Concentration Rank 9

| R.T.  | EstConc    | Area  | Relative to ISTD   | R.T.  |
|-------|------------|-------|--------------------|-------|
| 4.294 | 11.67 ug/l | 99169 | Pentafluorobenzene | 5.550 |

| Hit# | of | 5 | Tentative ID            | MW | MolForm | CAS#        | Qual |
|------|----|---|-------------------------|----|---------|-------------|------|
| 1    |    |   | Cyclopentane, methyl-   | 84 | C6H12   | 000096-37-7 | 94   |
| 2    |    |   | Cyclobutane, ethyl-     | 84 | C6H12   | 004806-61-5 | 78   |
| 3    |    |   | Cyclohexane             | 84 | C6H12   | 000110-82-7 | 64   |
| 4    |    |   | 1H-Tetrazole, 5-methyl- | 84 | C2H4N4  | 004076-36-2 | 50   |
| 5    |    |   | 1-Pentene, 2-methyl-    | 84 | C6H12   | 000763-29-1 | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
Data File : VX042167.D  
Acq On : 03 Jul 2024 16:22  
Operator : JC/MD  
Sample : P3119-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2-20240627

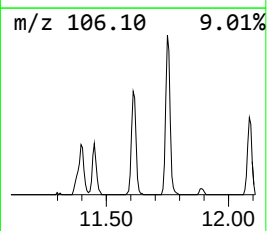
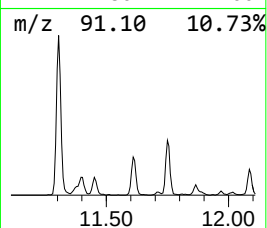
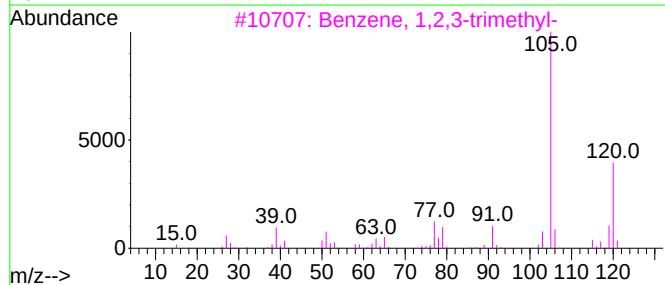
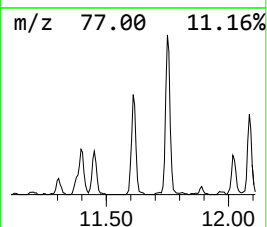
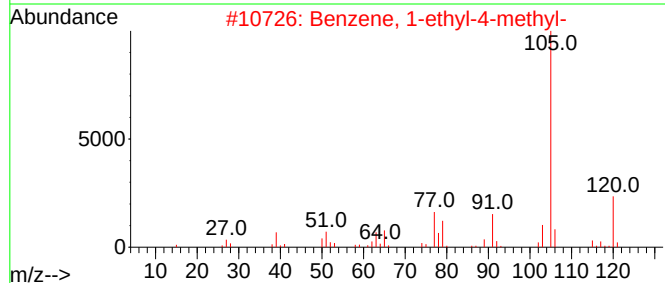
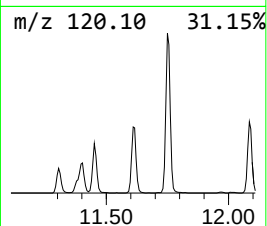
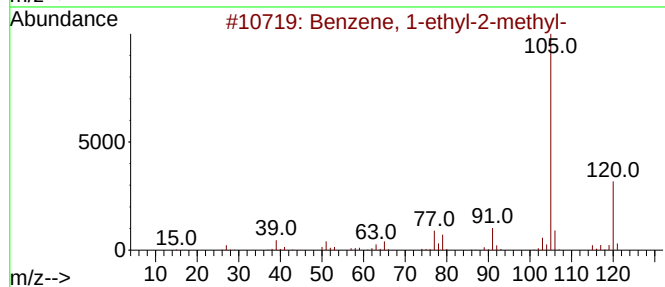
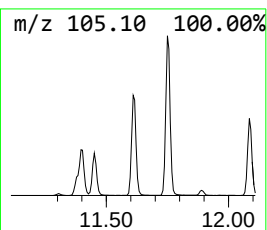
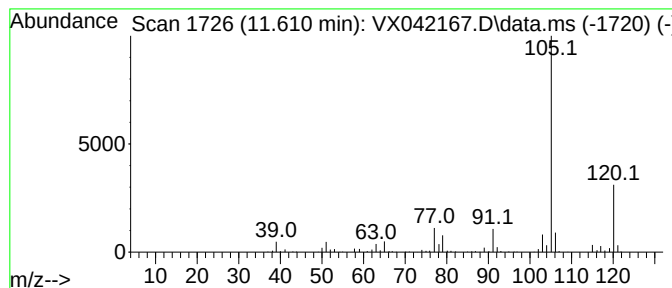
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Quant Title : SW846 8260

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

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Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 11.610 | 16.04 ug/l | 188398 | 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 | 95   |
| 2    |    |   | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 94   |
| 3    |    |   | Benzene, 1,2,3-trimethyl-  | 120 | C9H12   | 000526-73-8 | 91   |
| 4    |    |   | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |
| 5    |    |   | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
Data File : VX042167.D  
Acq On : 03 Jul 2024 16:22  
Operator : JC/MD  
Sample : P3119-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2-20240627

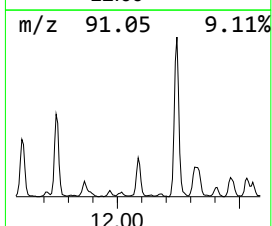
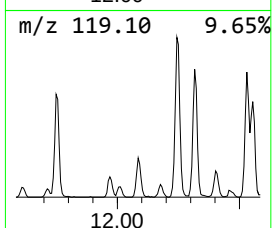
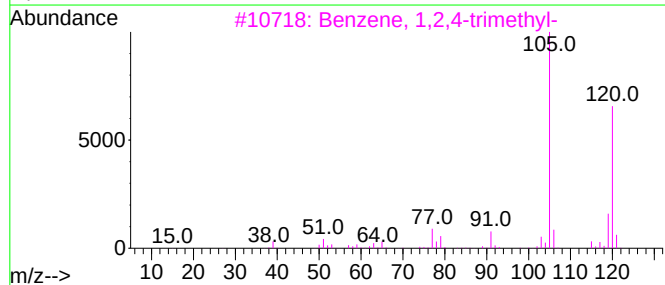
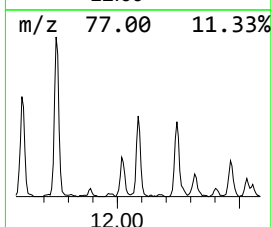
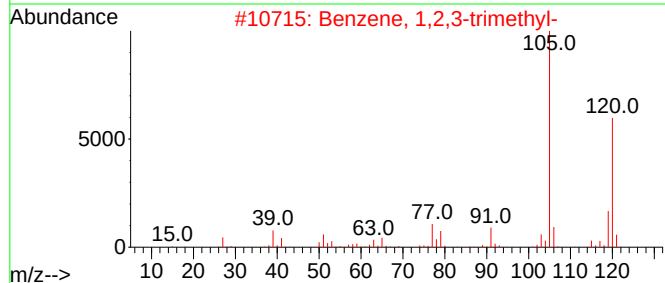
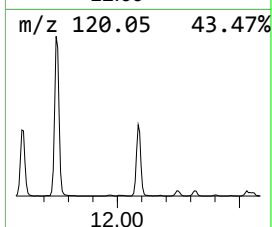
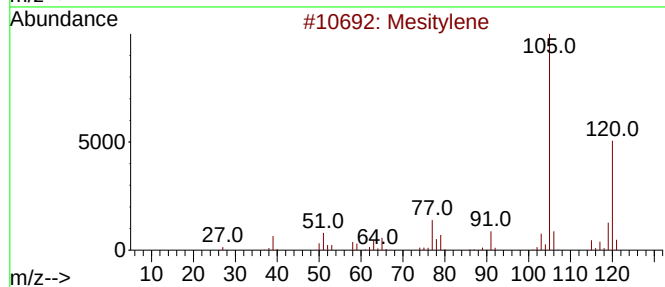
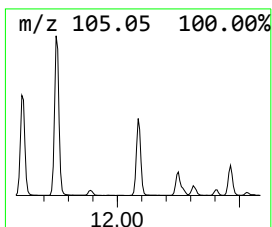
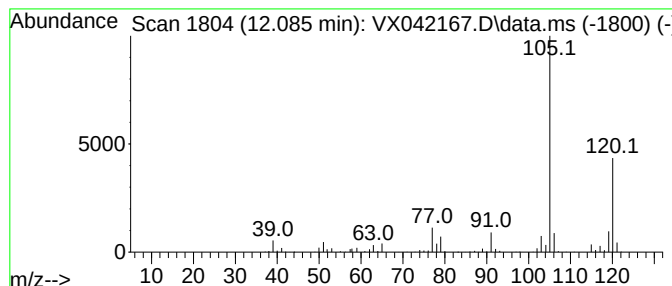
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Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.085 | 12.37 ug/l | 145298 | 1,4-Dichlorobenzene-d4 | 12.024 |

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





Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
Data File : VX042167.D  
Acq On : 03 Jul 2024 16:22  
Operator : JC/MD  
Sample : P3119-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2-20240627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

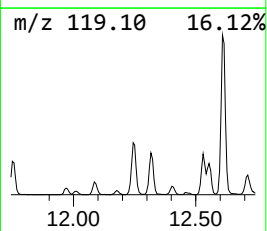
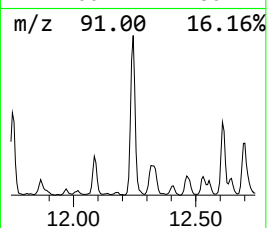
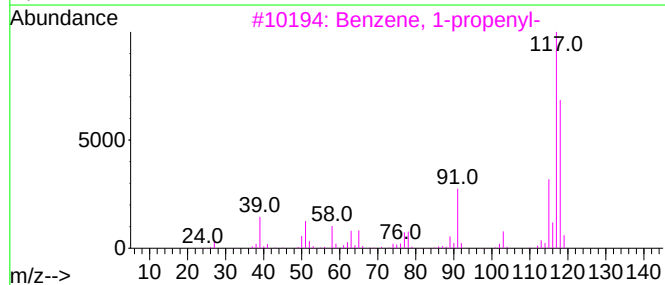
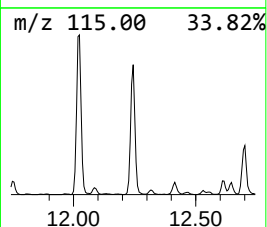
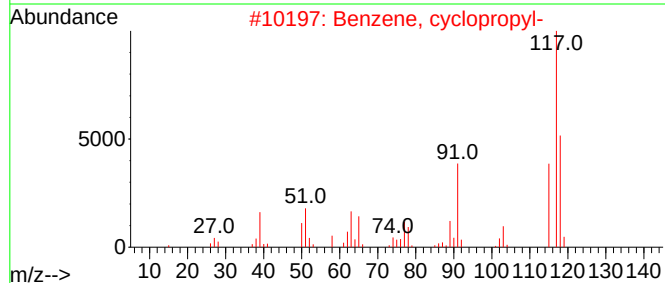
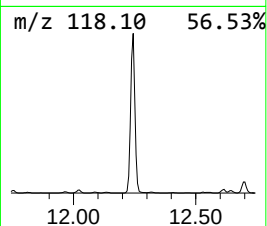
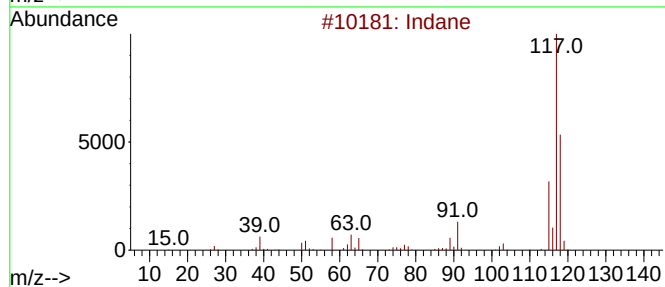
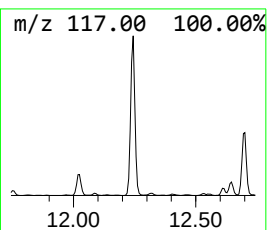
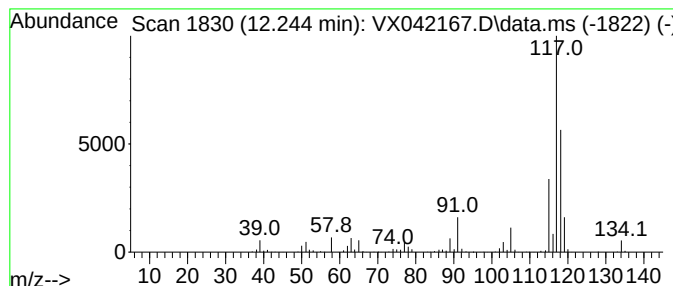
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 Indane Concentration Rank 1

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.244 | 40.05 ug/l | 470462 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Indane                              | 118 | C9H10   | 000496-11-7  | 76   |
| 2    |    |   | Benzene, cyclopropyl-               | 118 | C9H10   | 000873-49-4  | 76   |
| 3    |    |   | Benzene, 1-propenyl-                | 118 | C9H10   | 000637-50-3  | 68   |
| 4    |    |   | Benzene, 2-propenyl-                | 118 | C9H10   | 000300-57-2  | 68   |
| 5    |    |   | Tetracyclo[3.3.1.0(2,8).0(4,6)]-... | 118 | C9H10   | 1000191-13-7 | 64   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
Data File : VX042167.D  
Acq On : 03 Jul 2024 16:22  
Operator : JC/MD  
Sample : P3119-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2-20240627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

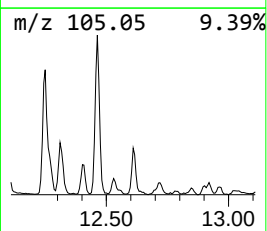
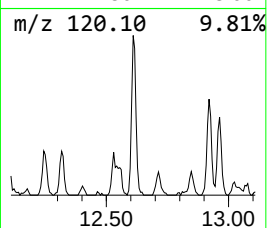
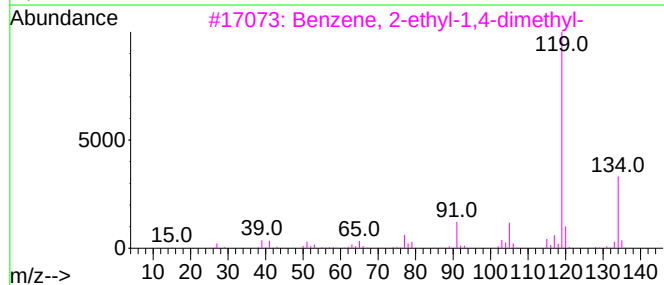
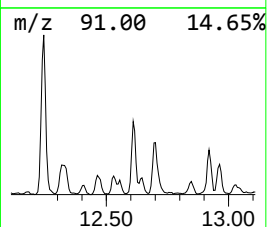
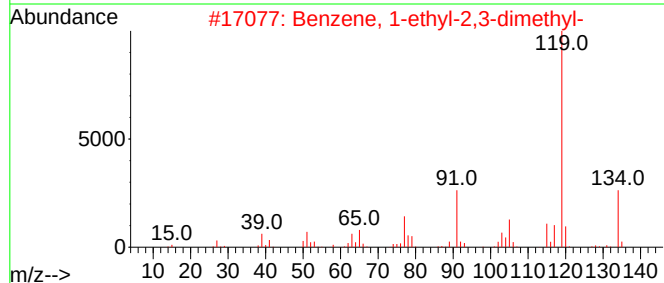
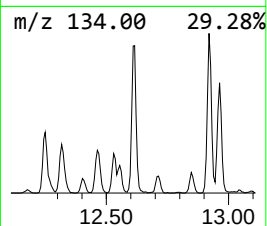
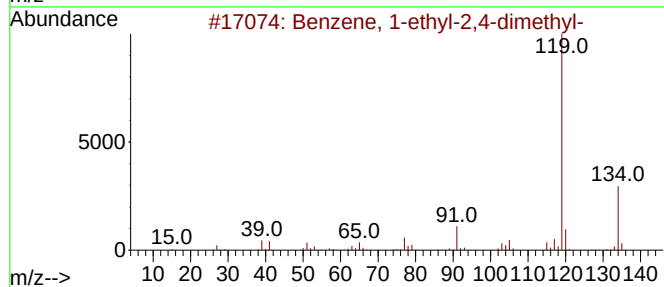
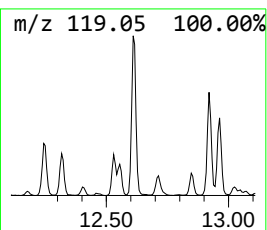
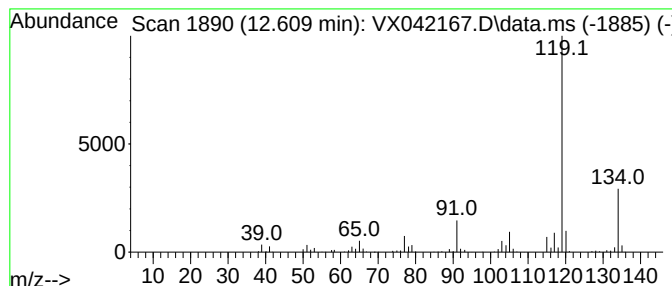
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TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.609 | 14.64 ug/l | 172008 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1-ethyl-2,4-dimethyl- | 134 | C10H14  | 000874-41-9 | 97   |
| 2    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 96   |
| 3    |    |   | Benzene, 2-ethyl-1,4-dimethyl- | 134 | C10H14  | 001758-88-9 | 95   |
| 4    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 5    |    |   | Benzene, 4-ethyl-1,2-dimethyl- | 134 | C10H14  | 000934-80-5 | 95   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
Data File : VX042167.D  
Acq On : 03 Jul 2024 16:22  
Operator : JC/MD  
Sample : P3119-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2-20240627

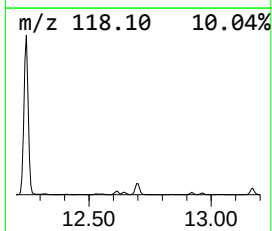
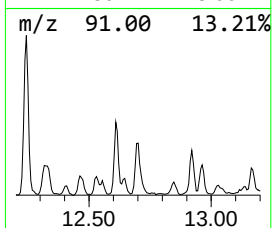
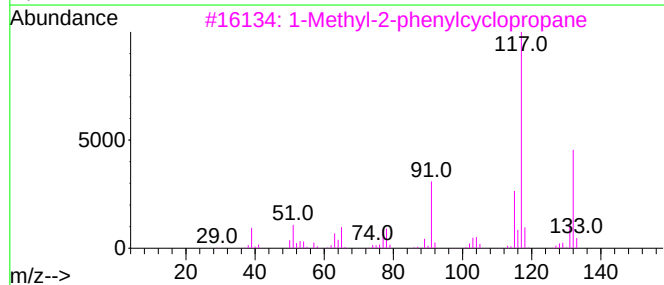
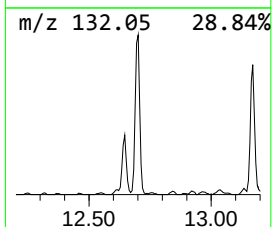
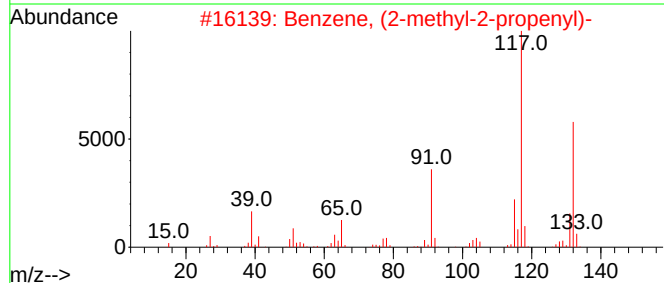
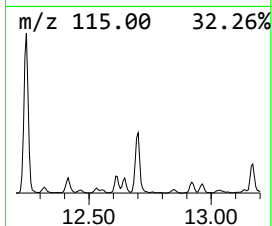
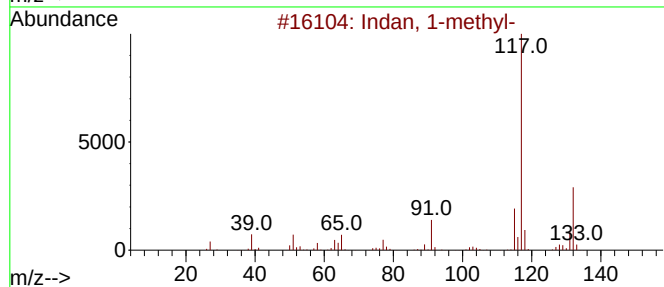
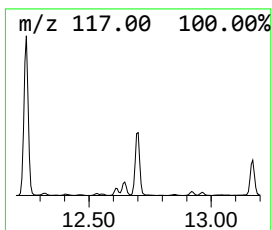
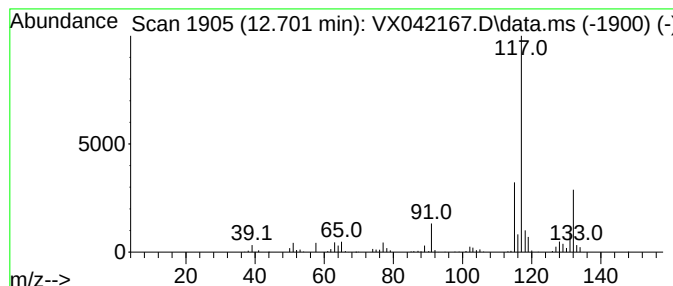
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Quant Title : SW846 8260

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

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Peak Number 7 Indan, 1-methyl- Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.701 | 15.35 ug/l | 180324 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                    | MW  | MolForm | CAS#        | Qual |
|------|----|---|---------------------------------|-----|---------|-------------|------|
| 1    |    |   | Indan, 1-methyl-                | 132 | C10H12  | 000767-58-8 | 87   |
| 2    |    |   | Benzene, (2-methyl-2-propenyl)- | 132 | C10H12  | 003290-53-7 | 86   |
| 3    |    |   | 1-Methyl-2-phenylcyclopropane   | 132 | C10H12  | 003145-76-4 | 86   |
| 4    |    |   | Benzene, 1-ethenyl-3-ethyl-     | 132 | C10H12  | 007525-62-4 | 86   |
| 5    |    |   | Benzene, 1-ethenyl-4-ethyl-     | 132 | C10H12  | 003454-07-7 | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
Data File : VX042167.D  
Acq On : 03 Jul 2024 16:22  
Operator : JC/MD  
Sample : P3119-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2-20240627

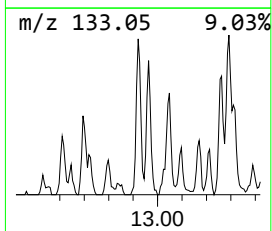
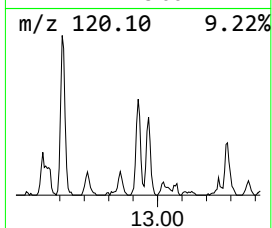
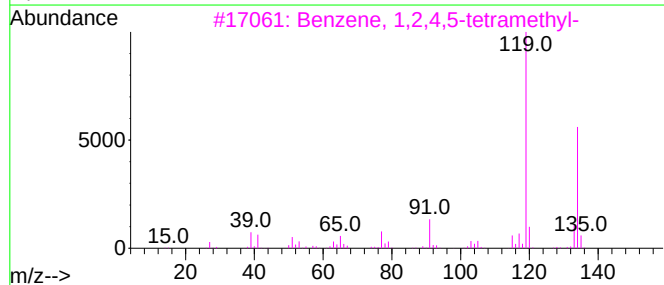
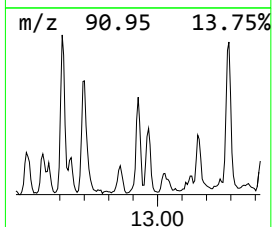
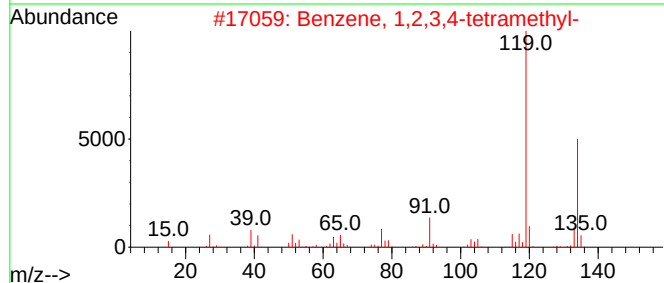
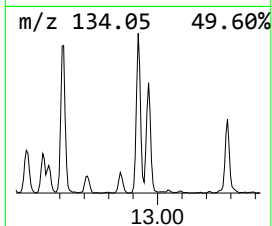
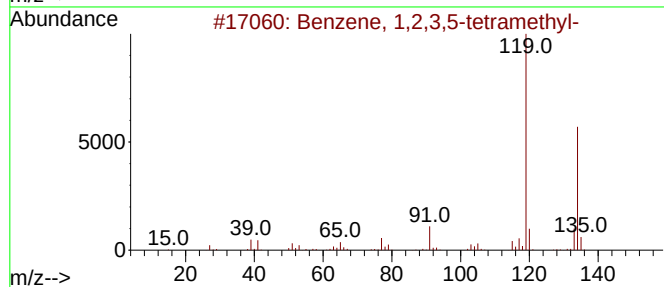
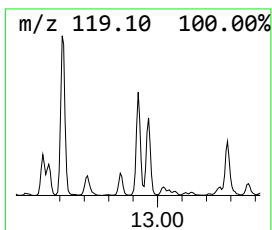
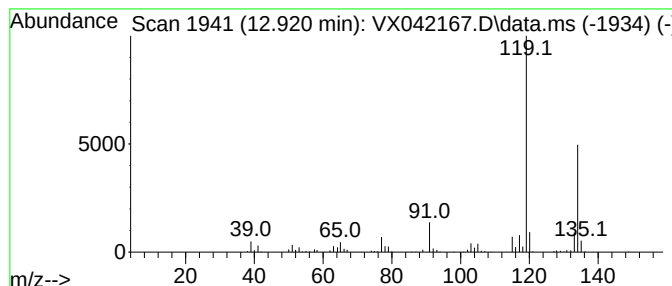
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Quant Title : SW846 8260

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

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Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 10

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 12.920 | 10.12 ug/l | 118928 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Benzene, 1,2,3,5-tetramethyl-  | 134 | C10H14  | 000527-53-7 | 97   |
| 2    |    |   | Benzene, 1,2,3,4-tetramethyl-  | 134 | C10H14  | 000488-23-3 | 97   |
| 3    |    |   | Benzene, 1,2,4,5-tetramethyl-  | 134 | C10H14  | 000095-93-2 | 97   |
| 4    |    |   | Benzene, 2-ethyl-1,3-dimethyl- | 134 | C10H14  | 002870-04-4 | 95   |
| 5    |    |   | Benzene, 1-ethyl-2,3-dimethyl- | 134 | C10H14  | 000933-98-2 | 93   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
Data File : VX042167.D  
Acq On : 03 Jul 2024 16:22  
Operator : JC/MD  
Sample : P3119-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2-20240627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

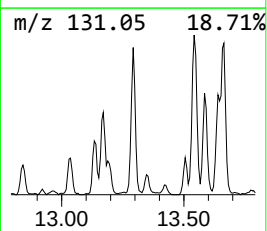
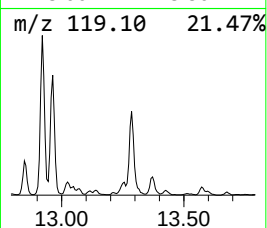
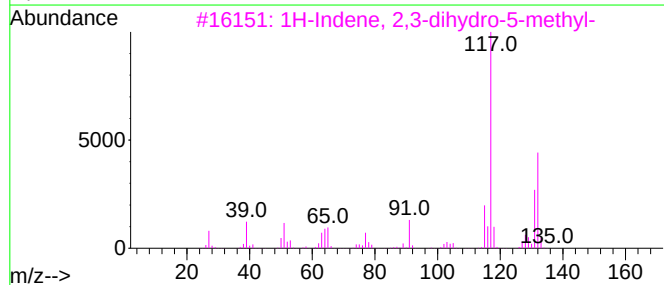
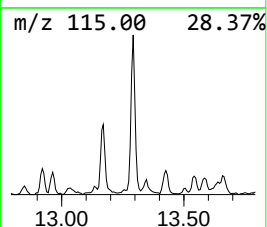
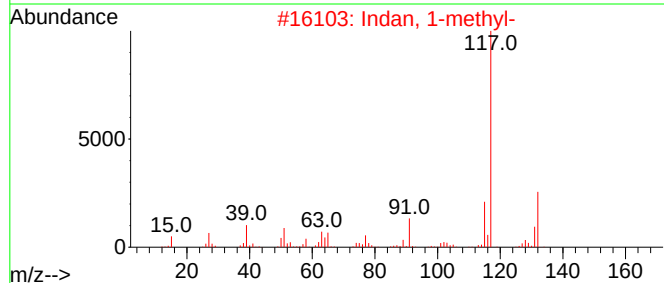
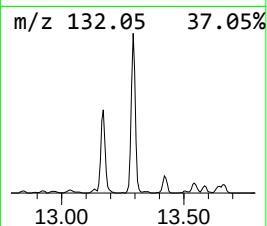
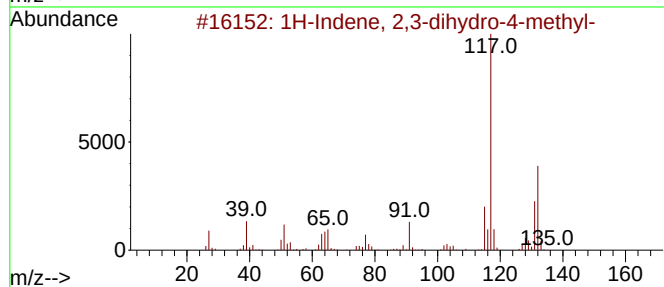
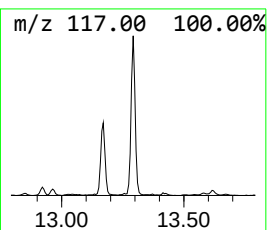
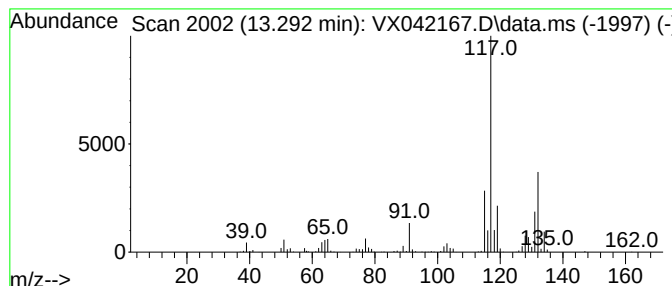
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.292 | 21.54 ug/l | 253016 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|------|------|----------------------------------|-----|---------|-------------|------|
| 1    |      | 1H-Indene, 2,3-dihydro-4-methyl- | 132 | C10H12  | 000824-22-6 | 76   |
| 2    |      | Indan, 1-methyl-                 | 132 | C10H12  | 000767-58-8 | 76   |
| 3    |      | 1H-Indene, 2,3-dihydro-5-methyl- | 132 | C10H12  | 000874-35-1 | 76   |
| 4    |      | 3-Phenylbut-1-ene                | 132 | C10H12  | 000934-10-1 | 74   |
| 5    |      | 1-Phenyl-1-butene                | 132 | C10H12  | 000824-90-8 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
Data File : VX042167.D  
Acq On : 03 Jul 2024 16:22  
Operator : JC/MD  
Sample : P3119-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2-20240627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

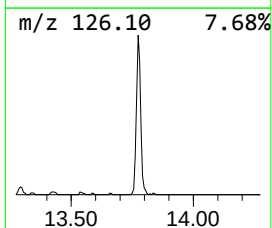
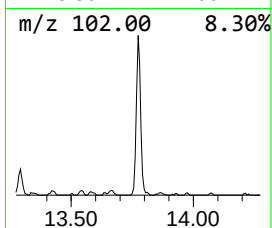
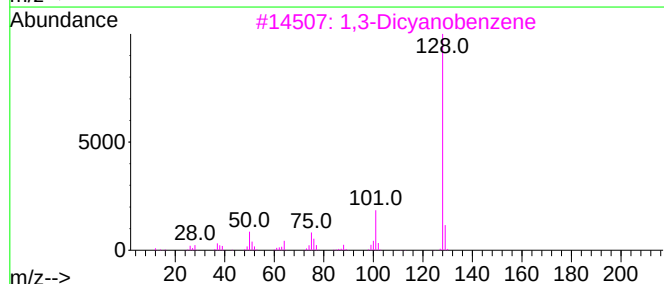
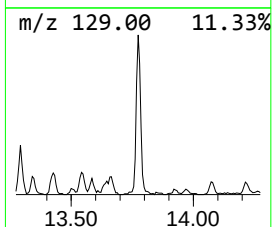
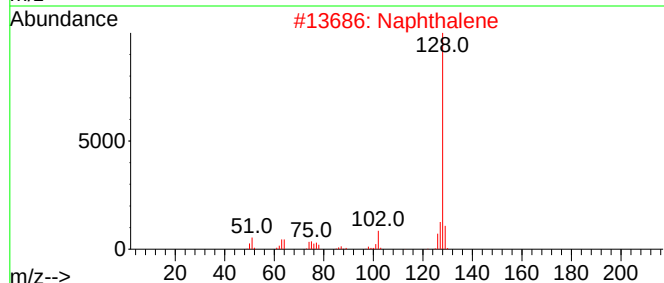
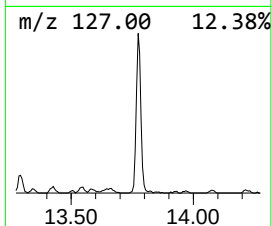
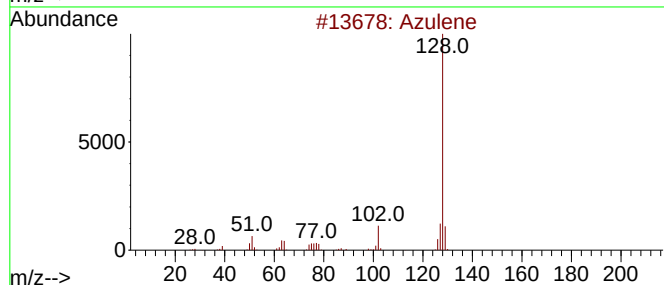
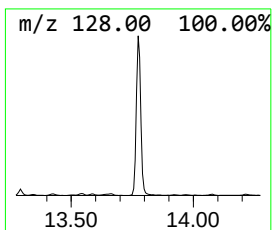
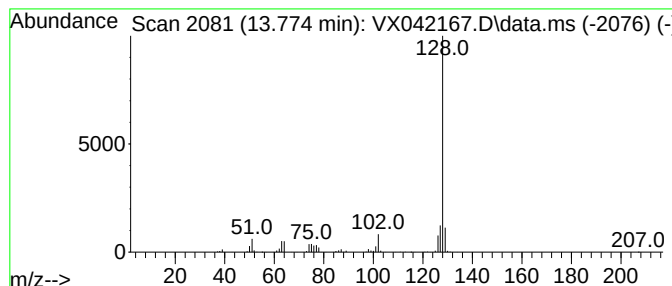
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Azulene Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 13.774 | 21.79 ug/l | 256027 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|-----------|-------------|------|
| 1    |    |   | Azulene                             | 128 | C10H8     | 000275-51-4 | 95   |
| 2    |    |   | Naphthalene                         | 128 | C10H8     | 000091-20-3 | 95   |
| 3    |    |   | 1,3-Dicyanobenzene                  | 128 | C8H4N2    | 000626-17-5 | 72   |
| 4    |    |   | 4a,8a-(Methaniminomethano)naphth... | 275 | C18H13NO2 | 069915-10-2 | 64   |
| 5    |    |   | 1H-Indene, 1-methylene-             | 128 | C10H8     | 002471-84-3 | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070324\  
Data File : VX042167.D  
Acq On : 03 Jul 2024 16:22  
Operator : JC/MD  
Sample : P3119-05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW2-20240627

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061824W.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Pentane, 3-methyl- | 3.093  | 11.9    | ug/l  | 100889   | 1                     | 5.550  | 424878 | 50.0 |
| Cyclopentane, m... | 4.294  | 11.7    | ug/l  | 99169    | 1                     | 5.550  | 424878 | 50.0 |
| Benzene, 1-ethy... | 11.610 | 16.0    | ug/l  | 188398   | 4                     | 12.024 | 587381 | 50.0 |
| Benzene, 1-ethy... | 12.085 | 12.4    | ug/l  | 145298   | 4                     | 12.024 | 587381 | 50.0 |
| Indane             | 12.244 | 40.0    | ug/l  | 470462   | 4                     | 12.024 | 587381 | 50.0 |
| Benzene, 1-ethy... | 12.609 | 14.6    | ug/l  | 172008   | 4                     | 12.024 | 587381 | 50.0 |
| Indan, 1-methyl-   | 12.701 | 15.4    | ug/l  | 180324   | 4                     | 12.024 | 587381 | 50.0 |
| Benzene, 1,2,3,... | 12.920 | 10.1    | ug/l  | 118928   | 4                     | 12.024 | 587381 | 50.0 |
| 1H-Indene, 2,3-... | 13.292 | 21.5    | ug/l  | 253016   | 4                     | 12.024 | 587381 | 50.0 |
| Azulene            | 13.774 | 21.8    | ug/l  | 256027   | 4                     | 12.024 | 587381 | 50.0 |