

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
 Data File : VX038609.D  
 Acq On : 27 Oct 2023 17:45  
 Operator : JC/MD  
 Sample : 05108-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 NWB-1965

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\82X100523W.M  
 Title : SW846 8260

Signal : TIC: VX038609.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         | 1.453       | 54            | 60          | 69           | rBV      | 11867          | 13934         | 1.12%           | 0.088%        |
| 2         | 2.050       | 154           | 158         | 169          | rVB      | 7533           | 13061         | 1.05%           | 0.083%        |
| 3         | 2.380       | 204           | 212         | 222          | rBV      | 14911          | 25081         | 2.02%           | 0.159%        |
| 4         | 2.526       | 229           | 236         | 246          | rBV      | 14824          | 29880         | 2.41%           | 0.189%        |
| 5         | 5.385       | 694           | 705         | 721          | rBV2     | 156919         | 456200        | 36.75%          | 2.887%        |
| 6         | 5.556       | 722           | 733         | 753          | rVB      | 205370         | 589011        | 47.45%          | 3.727%        |
| 7         | 5.958       | 789           | 799         | 819          | rBV      | 157982         | 412671        | 33.25%          | 2.611%        |
| 8         | 6.763       | 921           | 931         | 950          | rBV      | 318897         | 774117        | 62.37%          | 4.899%        |
| 9         | 8.647       | 1233          | 1240        | 1257         | rBV      | 783998         | 1241217       | 100.00%         | 7.855%        |
| 10        | 9.518       | 1377          | 1383        | 1395         | rBV      | 25419          | 41362         | 3.33%           | 0.262%        |
| 11        | 10.055      | 1465          | 1471        | 1488         | rVB      | 766881         | 1036362       | 83.50%          | 6.558%        |
| 12        | 10.372      | 1517          | 1523        | 1528         | rBV3     | 10251          | 16420         | 1.32%           | 0.104%        |
| 13        | 11.079      | 1634          | 1639        | 1651         | rBV      | 759021         | 975905        | 78.62%          | 6.176%        |
| 14        | 11.475      | 1702          | 1704        | 1710         | rVB2     | 11396          | 14563         | 1.17%           | 0.092%        |
| 15        | 11.622      | 1722          | 1728        | 1733         | rBV4     | 12575          | 21833         | 1.76%           | 0.138%        |
| 16        | 11.713      | 1733          | 1743        | 1750         | rBV5     | 12531          | 32164         | 2.59%           | 0.204%        |
| 17        | 12.024      | 1788          | 1794        | 1800         | rVV      | 911955         | 1179643       | 95.04%          | 7.465%        |
| 18        | 12.085      | 1800          | 1804        | 1812         | rVB5     | 10411          | 22877         | 1.84%           | 0.145%        |
| 19        | 12.244      | 1823          | 1830        | 1832         | rBV4     | 8477           | 17045         | 1.37%           | 0.108%        |
| 20        | 12.317      | 1838          | 1842        | 1848         | rVB4     | 22624          | 37829         | 3.05%           | 0.239%        |
| 21        | 12.420      | 1848          | 1859        | 1863         | rBV      | 33301          | 57066         | 4.60%           | 0.361%        |
| 22        | 12.463      | 1863          | 1866        | 1872         | rVB3     | 12470          | 21696         | 1.75%           | 0.137%        |
| 23        | 12.555      | 1873          | 1881        | 1883         | rBV5     | 11759          | 26808         | 2.16%           | 0.170%        |
| 24        | 12.615      | 1883          | 1891        | 1893         | rVB3     | 12865          | 29039         | 2.34%           | 0.184%        |
| 25        | 12.683      | 1899          | 1902        | 1905         | rBV3     | 13883          | 21833         | 1.76%           | 0.138%        |
| 26        | 12.731      | 1906          | 1910        | 1913         | rVV5     | 9977           | 17804         | 1.43%           | 0.113%        |
| 27        | 12.817      | 1917          | 1924        | 1927         | rBV7     | 18361          | 30516         | 2.46%           | 0.193%        |
| 28        | 12.896      | 1933          | 1937        | 1938         | rBV2     | 10016          | 14020         | 1.13%           | 0.089%        |
| 29        | 12.969      | 1943          | 1949        | 1954         | rVB4     | 25428          | 52641         | 4.24%           | 0.333%        |
| 30        | 13.042      | 1954          | 1961        | 1964         | rBV4     | 25292          | 38096         | 3.07%           | 0.241%        |
| 31        | 13.164      | 1974          | 1981        | 1985         | rBV7     | 14459          | 32515         | 2.62%           | 0.206%        |
| 32        | 13.207      | 1985          | 1988        | 1992         | rBV4     | 12567          | 16608         | 1.34%           | 0.105%        |
| 33        | 13.268      | 1993          | 1998        | 2000         | rVV      | 94871          | 121631        | 9.80%           | 0.770%        |
| 34        | 13.292      | 2000          | 2002        | 2007         | rVV4     | 72389          | 86310         | 6.95%           | 0.546%        |
| 35        | 13.341      | 2007          | 2010        | 2013         | rVV2     | 35463          | 44645         | 3.60%           | 0.283%        |
| 36        | 13.384      | 2013          | 2017        | 2020         | rVV2     | 52892          | 69234         | 5.58%           | 0.438%        |

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 MSVOA\_X  
 ClientSampleId :  
 NWB-1965

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\82X100523W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |         |        |        |
|----|--------|------|------|------|------|--------|---------|--------|--------|
| 37 | 13.420 | 2020 | 2023 | 2032 | rVB5 | 55581  | 123424  | 9.94%  | 0.781% |
| 38 | 13.499 | 2032 | 2036 | 2040 | rBV6 | 18581  | 30721   | 2.48%  | 0.194% |
| 39 | 13.548 | 2040 | 2044 | 2046 | rBV2 | 40744  | 49309   | 3.97%  | 0.312% |
| 40 | 13.585 | 2046 | 2050 | 2055 | rBV4 | 27881  | 45138   | 3.64%  | 0.286% |
| 41 | 13.676 | 2060 | 2065 | 2067 | rVV3 | 35698  | 60969   | 4.91%  | 0.386% |
| 42 | 13.701 | 2067 | 2069 | 2071 | rVV  | 38178  | 42284   | 3.41%  | 0.268% |
| 43 | 13.737 | 2072 | 2075 | 2077 | rVV  | 43562  | 53191   | 4.29%  | 0.337% |
| 44 | 13.768 | 2077 | 2080 | 2082 | rVV  | 36427  | 36872   | 2.97%  | 0.233% |
| 45 | 13.798 | 2082 | 2085 | 2087 | rVV2 | 25924  | 25720   | 2.07%  | 0.163% |
| 46 | 13.841 | 2087 | 2092 | 2099 | rVB3 | 132203 | 228394  | 18.40% | 1.445% |
| 47 | 13.926 | 2099 | 2106 | 2111 | rBV6 | 55306  | 120280  | 9.69%  | 0.761% |
| 48 | 14.036 | 2120 | 2124 | 2128 | rBV  | 327900 | 346579  | 27.92% | 2.193% |
| 49 | 14.073 | 2128 | 2130 | 2133 | rBV2 | 42827  | 47461   | 3.82%  | 0.300% |
| 50 | 14.133 | 2137 | 2140 | 2143 | rVB4 | 27690  | 35195   | 2.84%  | 0.223% |
| 51 | 14.182 | 2143 | 2148 | 2151 | rBV3 | 67764  | 111584  | 8.99%  | 0.706% |
| 52 | 14.225 | 2151 | 2155 | 2159 | rVB4 | 99328  | 158428  | 12.76% | 1.003% |
| 53 | 14.262 | 2159 | 2161 | 2166 | rVB2 | 57122  | 60965   | 4.91%  | 0.386% |
| 54 | 14.316 | 2166 | 2170 | 2175 | rBV6 | 66412  | 125174  | 10.08% | 0.792% |
| 55 | 14.371 | 2175 | 2179 | 2182 | rBV  | 205742 | 240504  | 19.38% | 1.522% |
| 56 | 14.408 | 2182 | 2185 | 2187 | rBV2 | 50548  | 56803   | 4.58%  | 0.359% |
| 57 | 14.475 | 2192 | 2196 | 2198 | rBV2 | 176929 | 258522  | 20.83% | 1.636% |
| 58 | 14.499 | 2198 | 2200 | 2206 | rVB4 | 146685 | 197542  | 15.92% | 1.250% |
| 59 | 14.566 | 2206 | 2211 | 2215 | rBV3 | 111787 | 188234  | 15.17% | 1.191% |
| 60 | 14.615 | 2215 | 2219 | 2224 | rBV  | 360520 | 448711  | 36.15% | 2.840% |
| 61 | 14.670 | 2225 | 2228 | 2232 | rVB3 | 132124 | 176712  | 14.24% | 1.118% |
| 62 | 14.725 | 2233 | 2237 | 2238 | rBV3 | 66929  | 82350   | 6.63%  | 0.521% |
| 63 | 14.755 | 2238 | 2242 | 2245 | rBV  | 868512 | 884392  | 71.25% | 5.597% |
| 64 | 14.792 | 2245 | 2248 | 2250 | rVV4 | 100286 | 113926  | 9.18%  | 0.721% |
| 65 | 14.841 | 2250 | 2256 | 2259 | rVV6 | 154570 | 327841  | 26.41% | 2.075% |
| 66 | 14.877 | 2259 | 2262 | 2264 | rVV2 | 70740  | 93769   | 7.55%  | 0.593% |
| 67 | 14.902 | 2264 | 2266 | 2276 | rVB7 | 74279  | 170247  | 13.72% | 1.077% |
| 68 | 15.103 | 2293 | 2299 | 2302 | rBV3 | 219620 | 403812  | 32.53% | 2.555% |
| 69 | 15.182 | 2308 | 2312 | 2314 | rBV2 | 291666 | 406264  | 32.73% | 2.571% |
| 70 | 15.206 | 2314 | 2316 | 2320 | rVV  | 528692 | 655393  | 52.80% | 4.147% |
| 71 | 15.274 | 2324 | 2327 | 2331 | rVB2 | 213179 | 264927  | 21.34% | 1.677% |
| 72 | 15.371 | 2339 | 2343 | 2350 | rBV4 | 143150 | 251912  | 20.30% | 1.594% |
| 73 | 15.487 | 2357 | 2362 | 2367 | rBV  | 779913 | 1122625 | 90.45% | 7.104% |
| 74 | 16.084 | 2457 | 2460 | 2466 | rBV7 | 55230  | 124360  | 10.02% | 0.787% |

Sum of corrected areas: 15802171

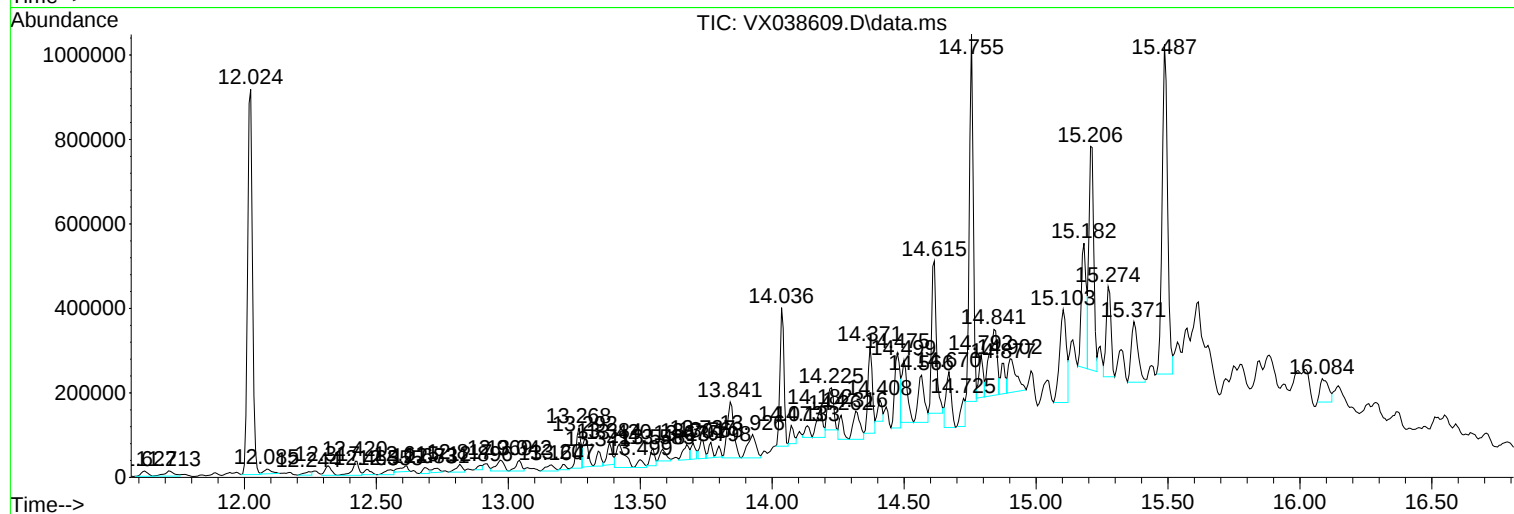
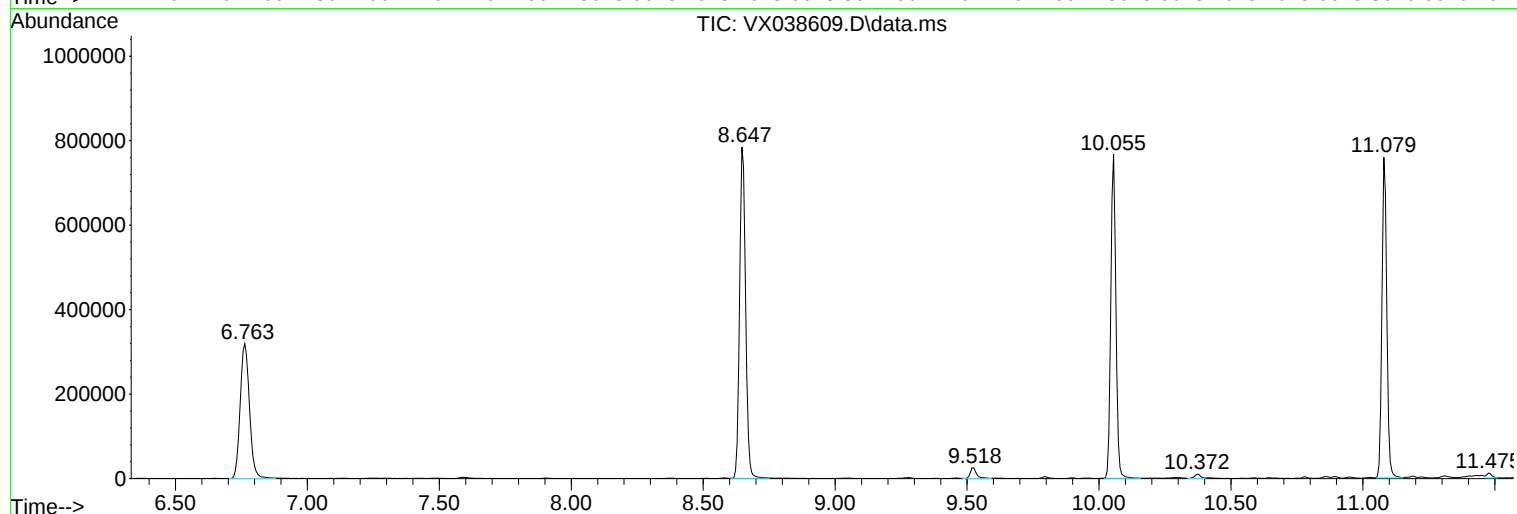
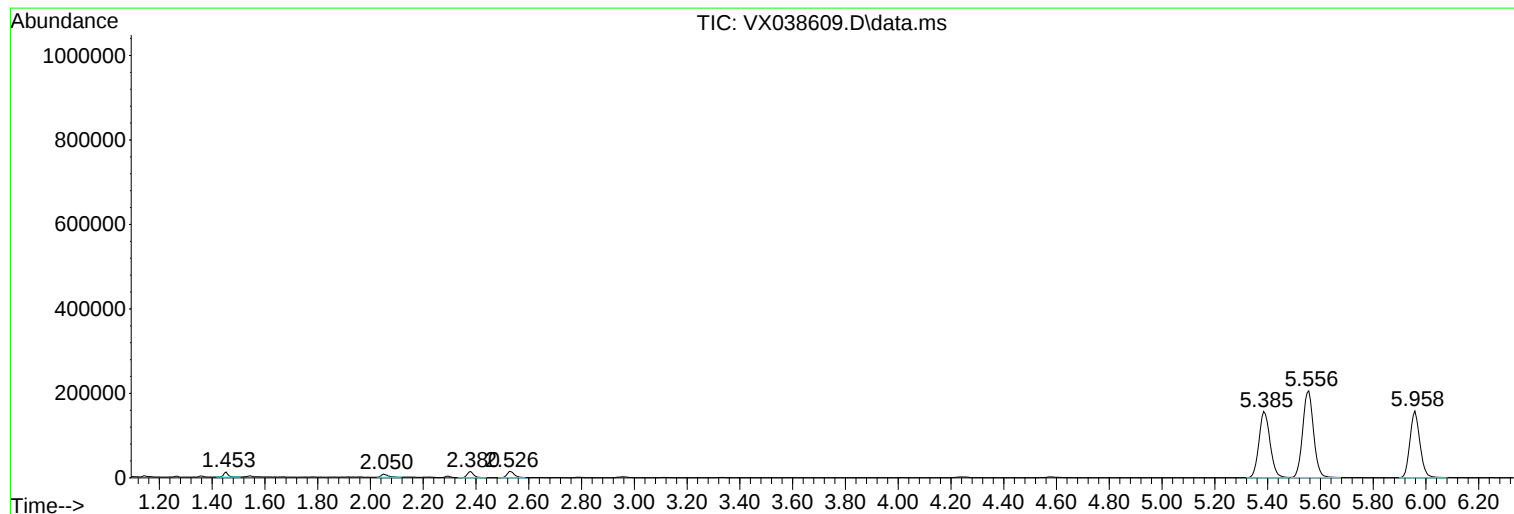
**Instrument :**  
MSVOA\_X  
**ClientSampleId :**  
NWB-1965

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260

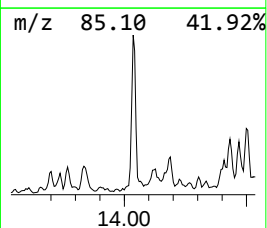
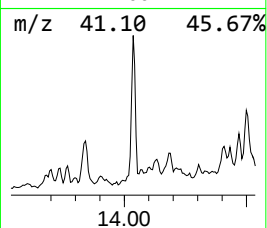
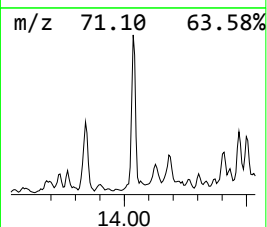
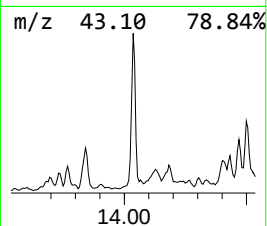
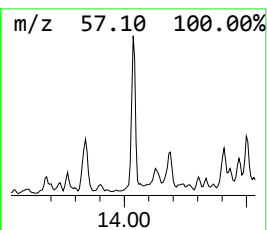
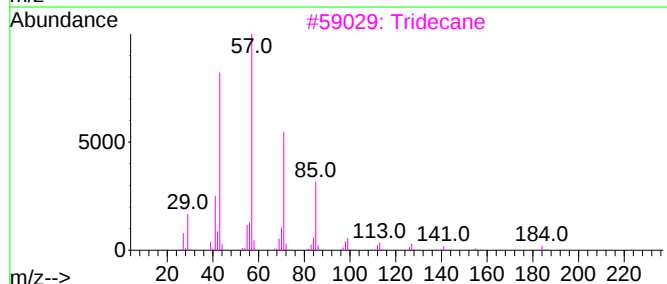
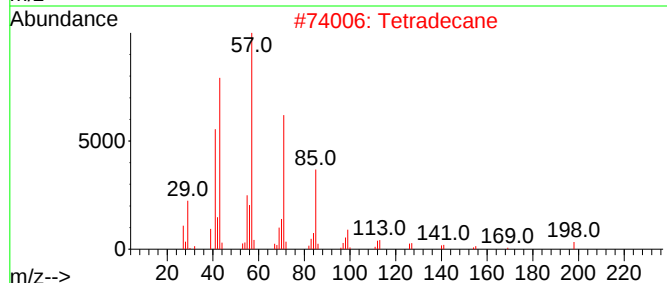
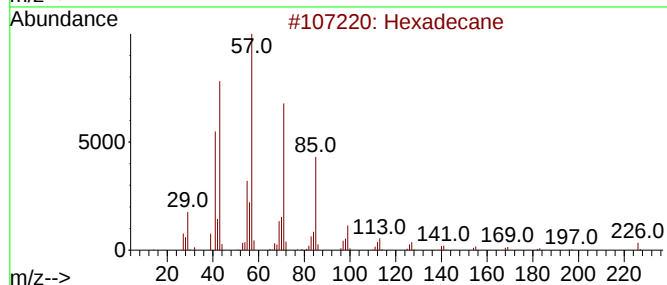
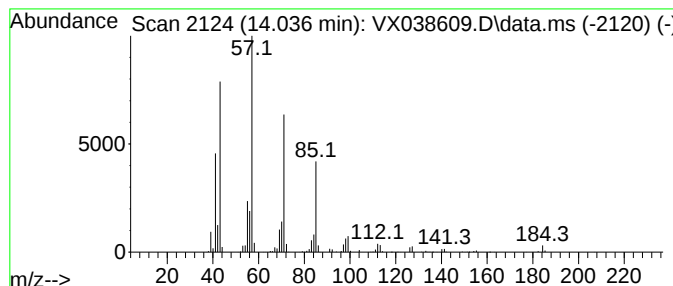
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Hexadecane Concentration Rank 7

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.036 | 14.69 ug/l | 346579 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 91   |
| 2    |    |   | Tetradecane                        | 198 | C14H30   | 000629-59-4  | 90   |
| 3    |    |   | Tridecane                          | 184 | C13H28   | 000629-50-5  | 76   |
| 4    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 72   |
| 5    |    |   | Decane, 3-bromo-                   | 220 | C10H21Br | 030571-71-2  | 72   |



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Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260

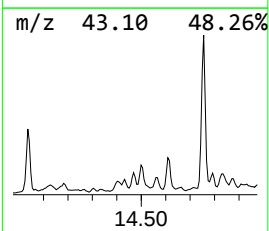
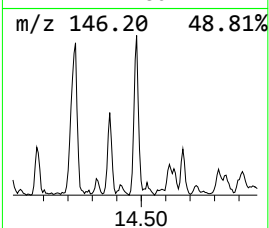
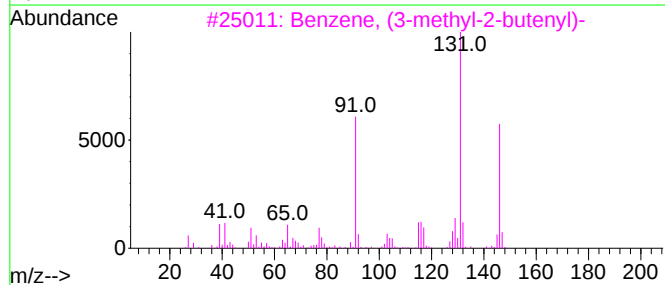
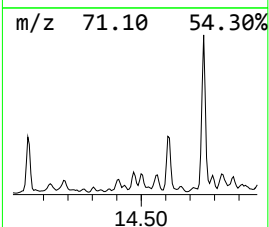
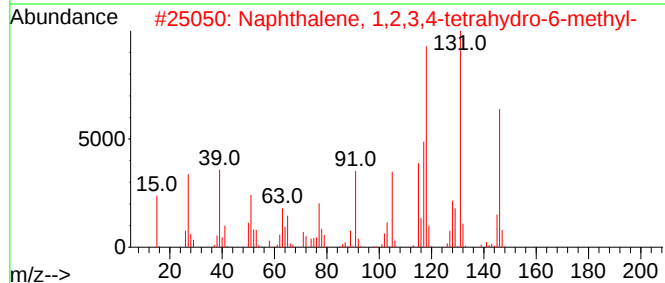
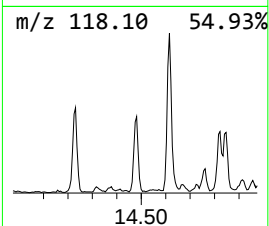
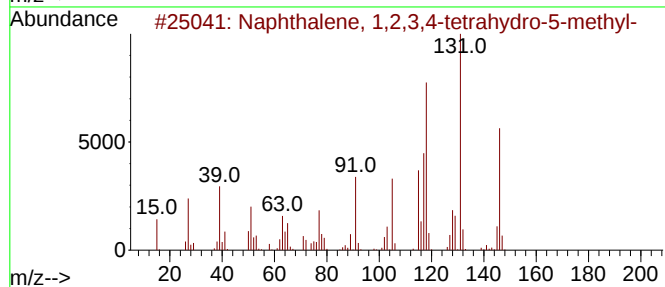
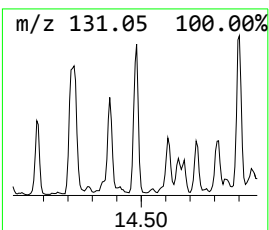
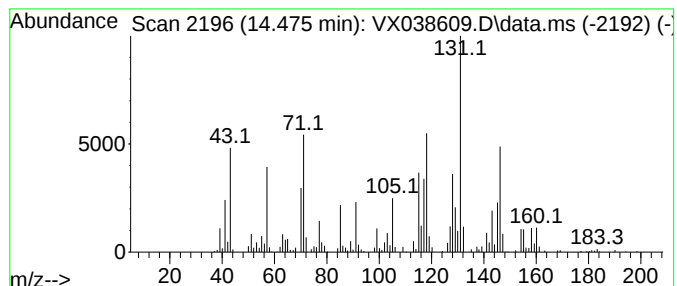
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.475 | 10.96 ug/l | 258522 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 002809-64-5 | 83   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 146 | C11H14  | 001680-51-9 | 60   |
| 3    |    |   | Benzene, (3-methyl-2-butenyl)-      | 146 | C11H14  | 004489-84-3 | 50   |
| 4    |    |   | 1H-Inden-1-one, 2,3-dihydro-2-me... | 146 | C10H10O | 017496-14-9 | 45   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 45   |



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ClientSampleId :  
NWB-1965

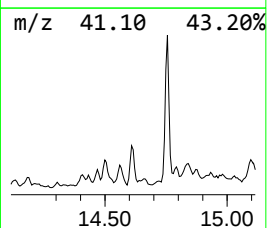
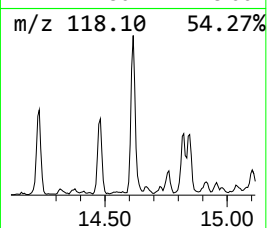
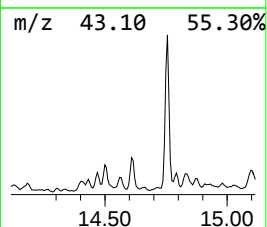
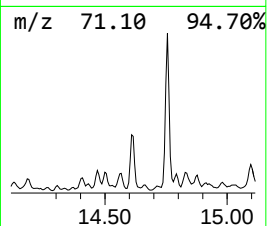
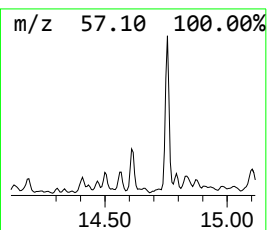
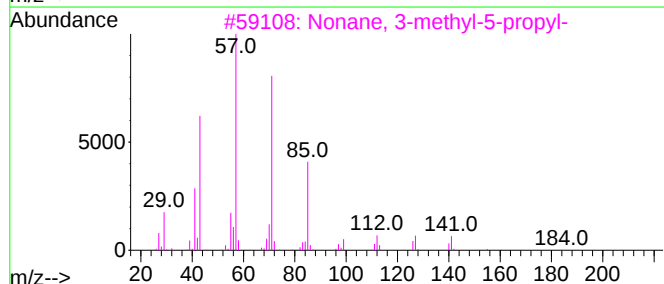
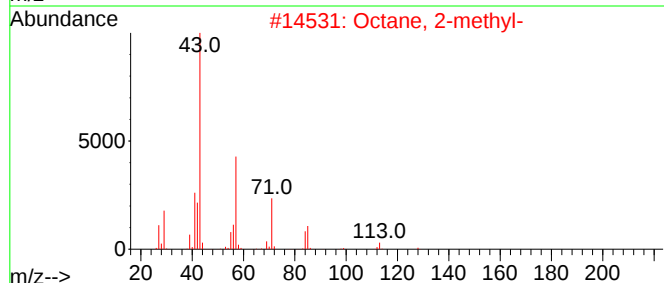
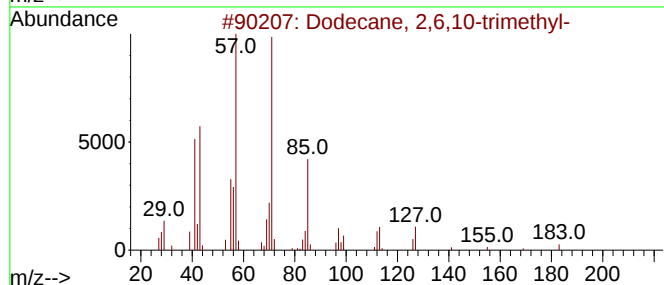
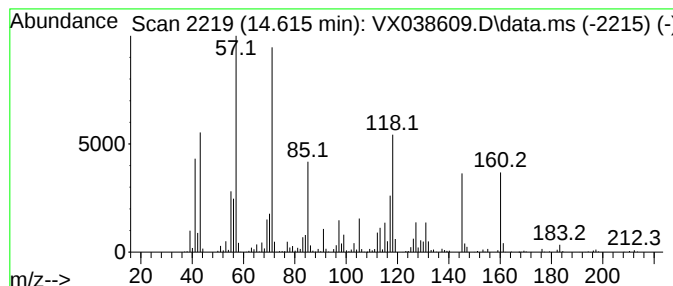
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Quant Title : SW846 8260

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

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Peak Number 3 Dodecane, 2,6,10-trimethyl- Concentration Rank 4

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.615 | 19.02 ug/l | 448711 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl- | 212 | C15H32  | 003891-98-3 | 55   |
| 2    |    |   | Octane, 2-methyl-           | 128 | C9H20   | 003221-61-2 | 50   |
| 3    |    |   | Nonane, 3-methyl-5-propyl-  | 184 | C13H28  | 031081-18-2 | 43   |
| 4    |    |   | Decane, 5-propyl-           | 184 | C13H28  | 017312-62-8 | 43   |
| 5    |    |   | Dodecane, 4,6-dimethyl-     | 198 | C14H30  | 061141-72-8 | 41   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
Data File : VX038609.D  
Acq On : 27 Oct 2023 17:45  
Operator : JC/MD  
Sample : 05108-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260

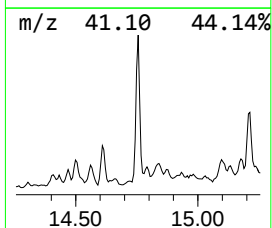
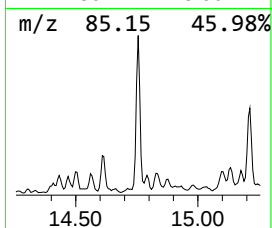
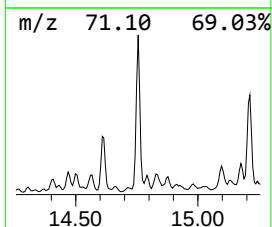
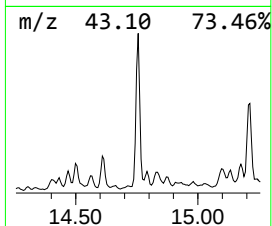
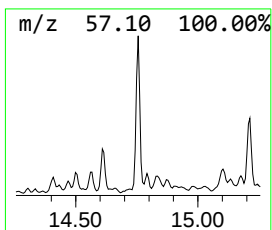
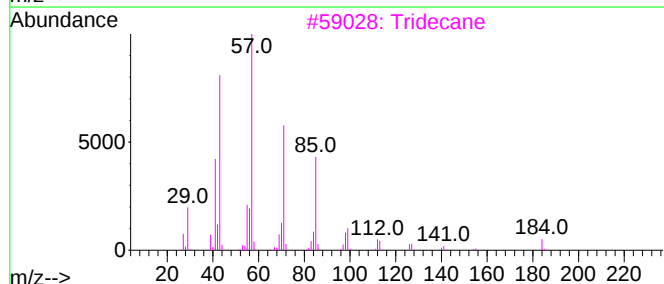
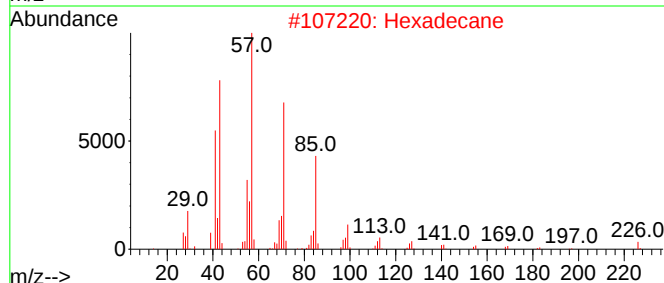
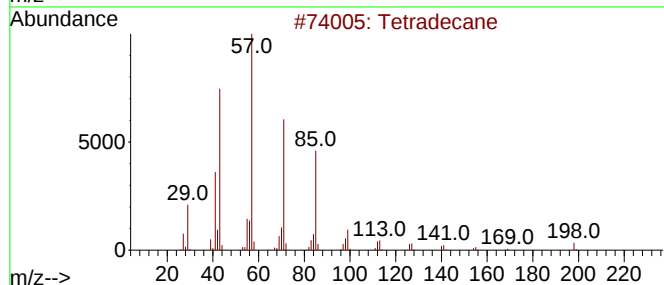
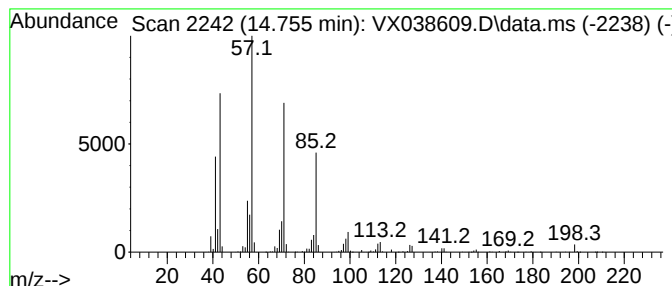
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TIC Integration Parameters: LSCINT.P

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Peak Number 4 Tetradecane Concentration Rank 2

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.755 | 37.49 ug/l | 884392 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Tetradecane              | 198 | C14H30  | 000629-59-4 | 97   |
| 2    |    |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 91   |
| 3    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 87   |
| 4    |    |   | Pentadecane              | 212 | C15H32  | 000629-62-9 | 86   |
| 5    |    |   | Octane, 2,4,6-trimethyl- | 156 | C11H24  | 062016-37-9 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
Data File : VX038609.D  
Acq On : 27 Oct 2023 17:45  
Operator : JC/MD  
Sample : 05108-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

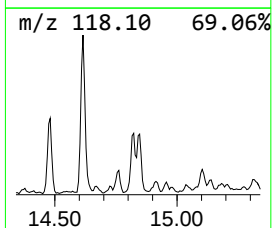
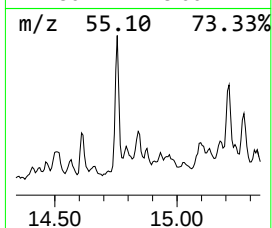
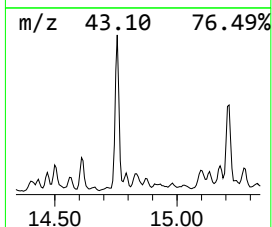
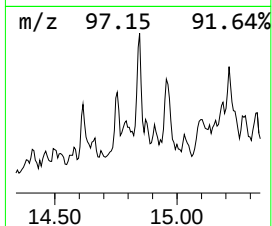
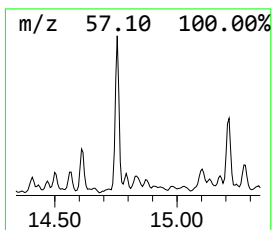
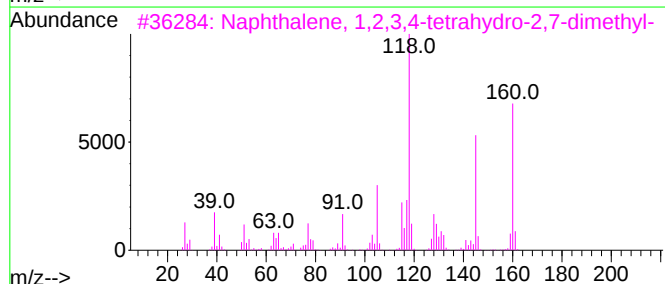
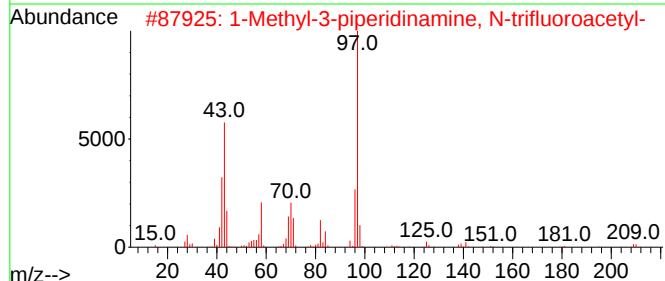
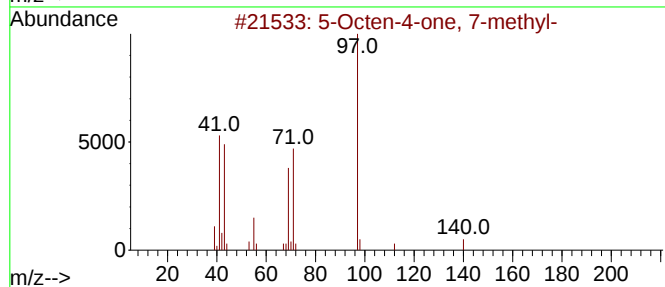
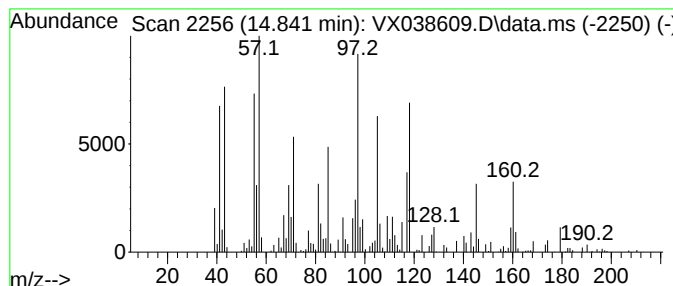
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Quant Title : SW846 8260

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

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Peak Number 5 unknown14.841 Concentration Rank 8

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 14.841 | 13.90 ug/l | 327841 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm    | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|------------|--------------|------|
| 1    |    |   | 5-Octen-4-one, 7-methyl-            | 140 | C9H16O     | 032064-78-1  | 30   |
| 2    |    |   | 1-Methyl-3-piperidinamine, N-tri... | 210 | C8H13F3N2O | 1344377-30-5 | 25   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16     | 013065-07-1  | 18   |
| 4    |    |   | Cyclohexane, 1-methyl-2-propyl-     | 140 | C10H20     | 004291-79-6  | 18   |
| 5    |    |   | Nonane                              | 128 | C9H20      | 000111-84-2  | 15   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
Data File : VX038609.D  
Acq On : 27 Oct 2023 17:45  
Operator : JC/MD  
Sample : 05108-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260

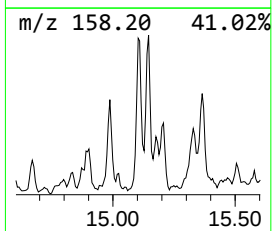
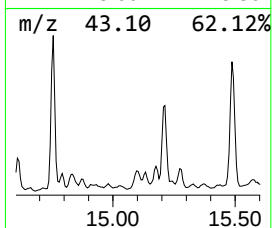
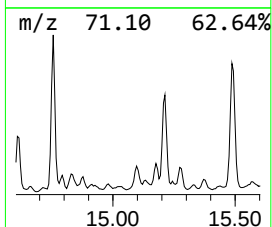
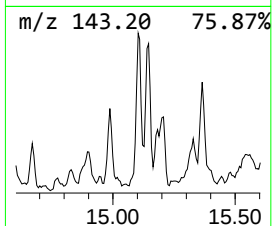
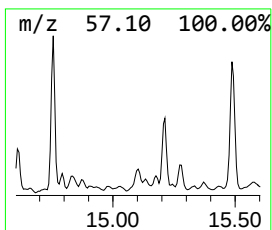
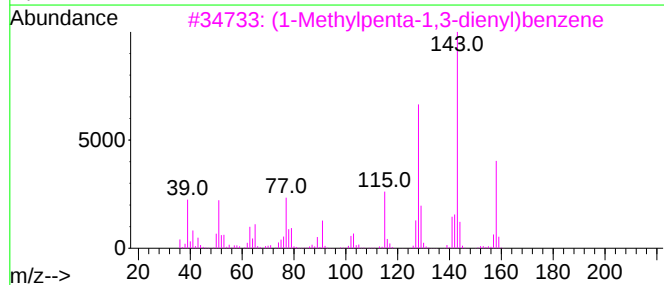
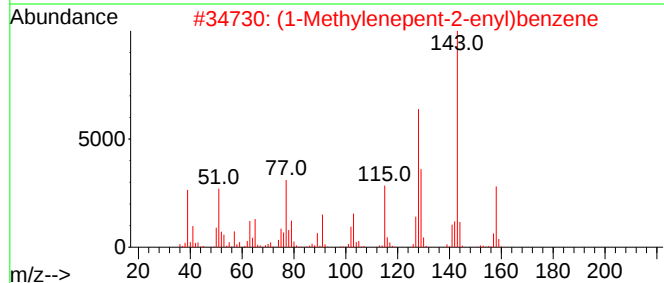
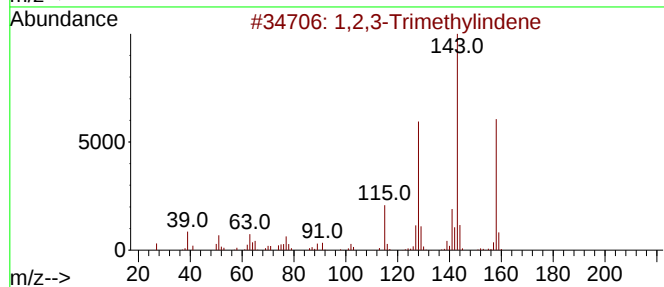
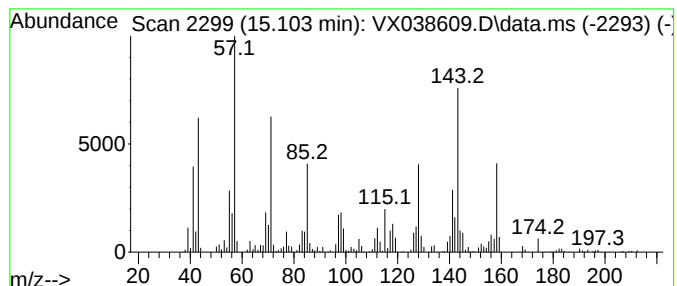
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 1,2,3-Trimethylindene Concentration Rank 6

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.103 | 17.12 ug/l | 403812 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|---|-----------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1,2,3-Trimethylindene             | 158 | C12H14  | 004773-83-5 | 64   |
| 2    |    |   | (1-Methylenepent-2-enyl)benzene   | 158 | C12H14  | 084313-24-6 | 58   |
| 3    |    |   | (1-Methylpenta-1,3-dienyl)benzene | 158 | C12H14  | 116669-49-9 | 58   |
| 4    |    |   | 1H-Indene, 1,1,3-trimethyl-       | 158 | C12H14  | 002177-45-9 | 52   |
| 5    |    |   | Undecane, 2-methyl-               | 170 | C12H26  | 007045-71-8 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
Data File : VX038609.D  
Acq On : 27 Oct 2023 17:45  
Operator : JC/MD  
Sample : 05108-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260

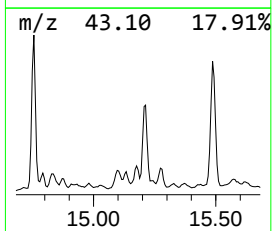
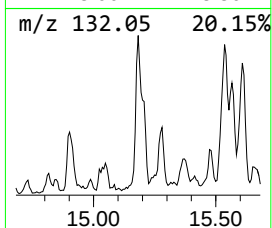
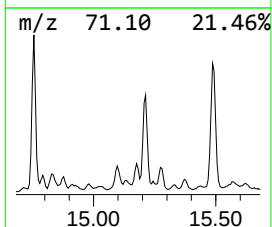
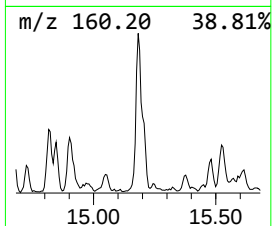
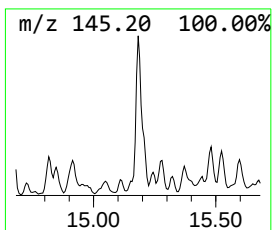
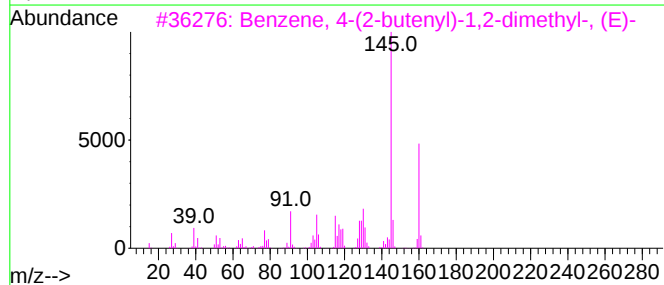
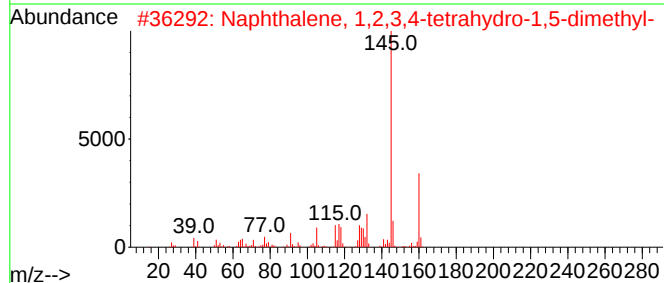
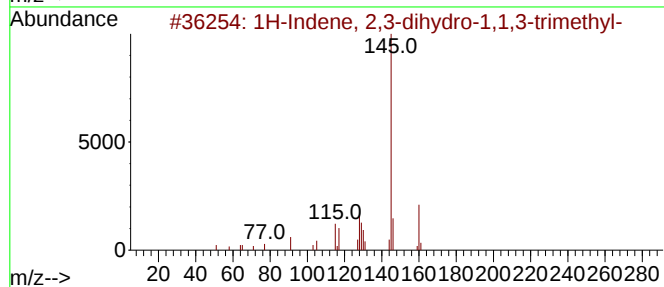
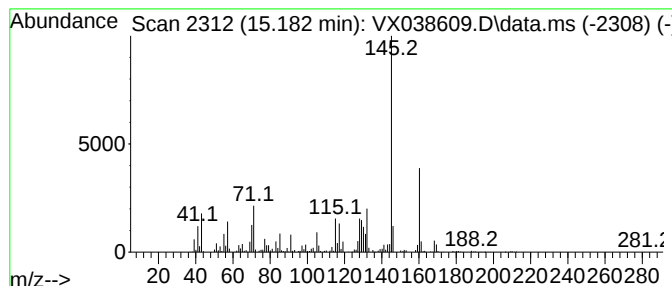
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 5

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.182 | 17.22 ug/l | 406264 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 93   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 91   |
| 3    |    |   | Benzene, 4-(2-butenyl)-1,2-dimet... | 160 | C12H16  | 054340-86-2 | 89   |
| 4    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 025419-33-4 | 81   |
| 5    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 81   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
Data File : VX038609.D  
Acq On : 27 Oct 2023 17:45  
Operator : JC/MD  
Sample : 05108-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260

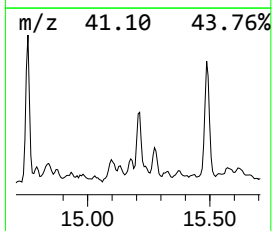
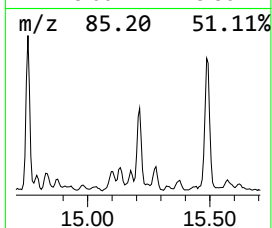
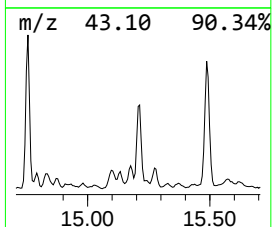
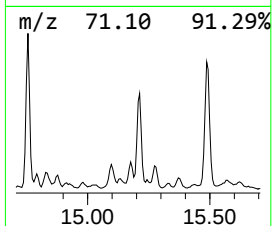
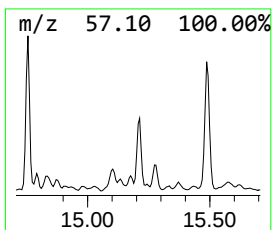
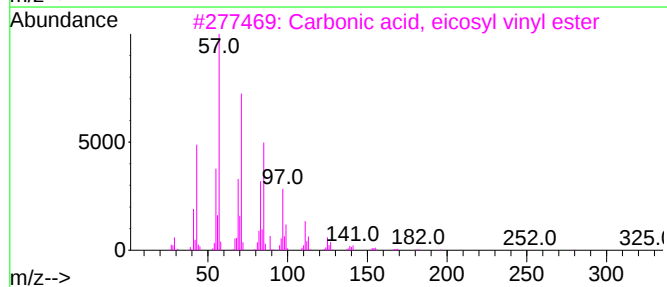
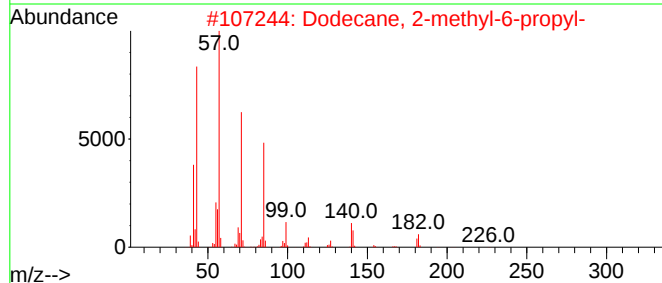
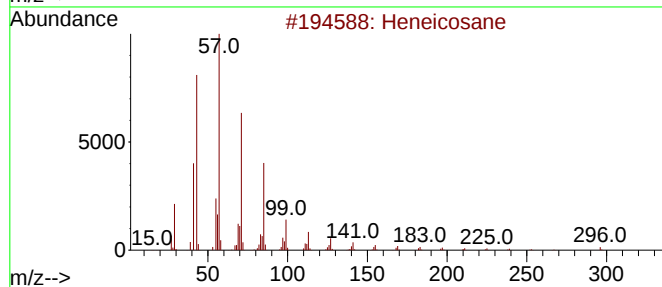
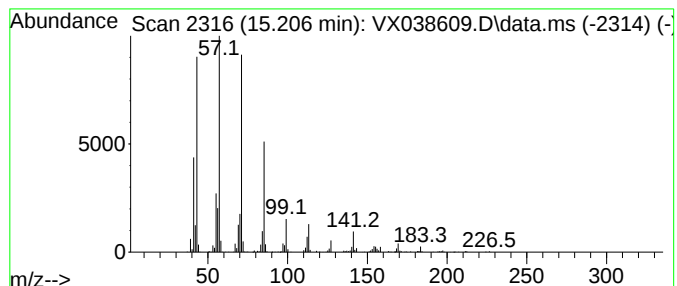
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Heneicosane Concentration Rank 3

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.207 | 27.78 ug/l | 655393 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|----|---|------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Heneicosane                        | 296 | C21H44   | 000629-94-7  | 90   |
| 2    |    |   | Dodecane, 2-methyl-6-propyl-       | 226 | C16H34   | 055045-08-4  | 86   |
| 3    |    |   | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 86   |
| 4    |    |   | 2,6,10-Trimethyltridecane          | 226 | C16H34   | 003891-99-4  | 86   |
| 5    |    |   | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 86   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
Data File : VX038609.D  
Acq On : 27 Oct 2023 17:45  
Operator : JC/MD  
Sample : 05108-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

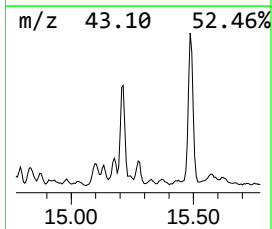
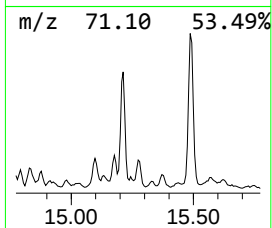
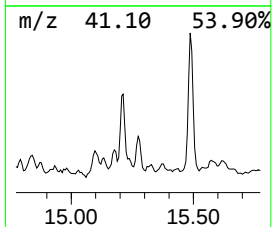
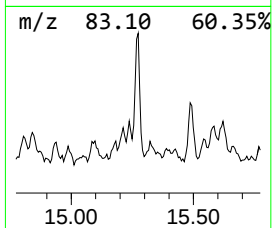
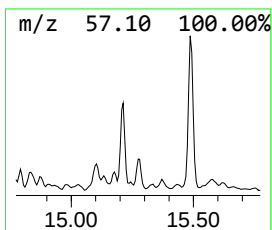
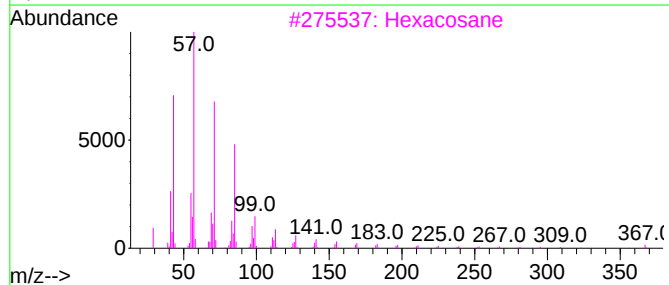
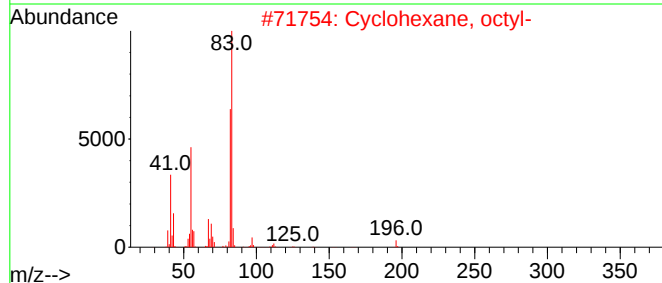
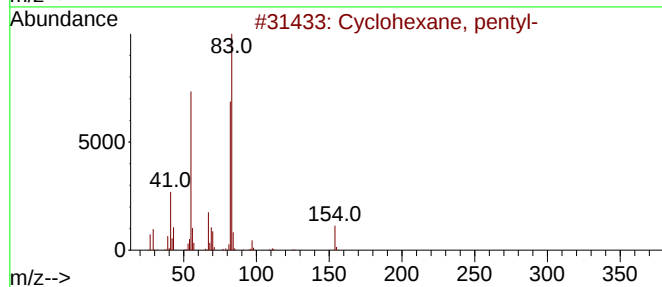
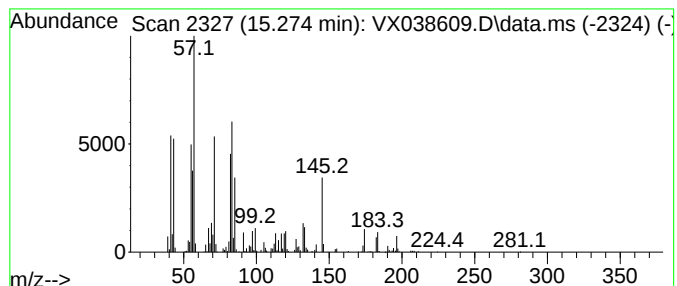
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Quant Title : SW846 8260

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

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Peak Number 9 unknown15.274 Concentration Rank 9

| R.T.   | EstConc    | Area   | Relative to ISTD       | R.T.   |
|--------|------------|--------|------------------------|--------|
| 15.274 | 11.23 ug/l | 264927 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of | 5 | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|---|----------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, pentyl- | 154 | C11H22  | 004292-92-6 | 38   |
| 2    |    |   | Cyclohexane, octyl-  | 196 | C14H28  | 001795-15-9 | 30   |
| 3    |    |   | Hexacosane           | 366 | C26H54  | 000630-01-3 | 30   |
| 4    |    |   | Heptylcyclohexane    | 182 | C13H26  | 005617-41-4 | 30   |
| 5    |    |   | Tetratetracontane    | 619 | C44H90  | 007098-22-8 | 25   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
Data File : VX038609.D  
Acq On : 27 Oct 2023 17:45  
Operator : JC/MD  
Sample : 05108-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.M  
Quant Title : SW846 8260

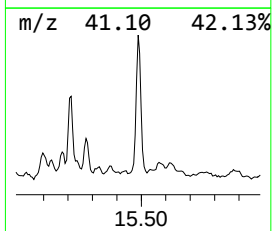
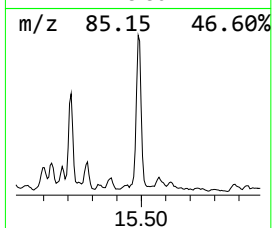
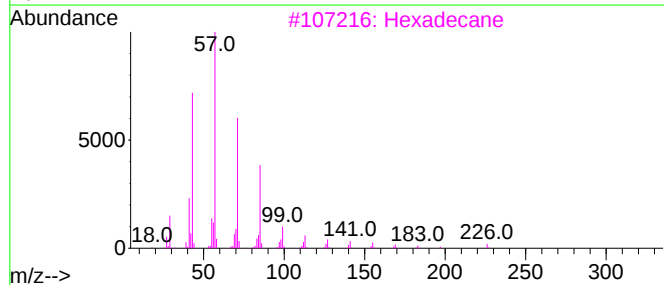
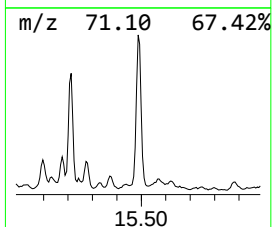
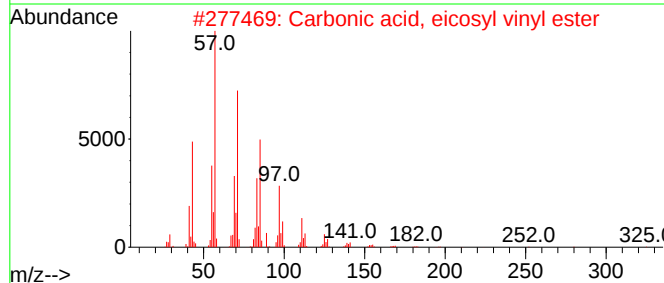
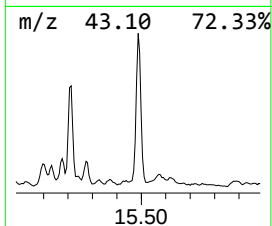
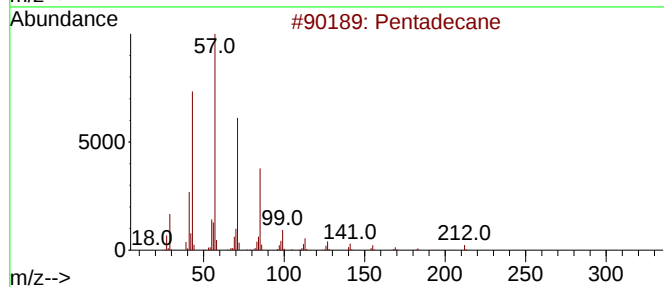
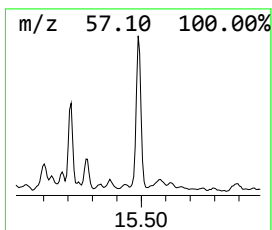
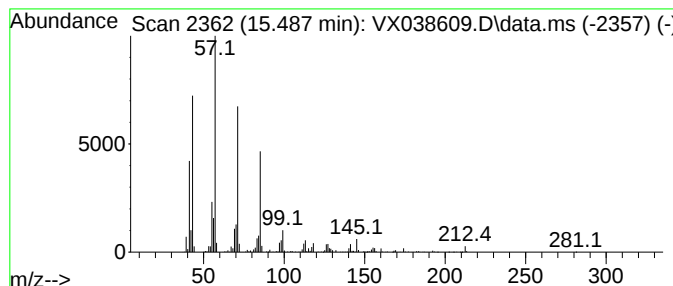
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Pentadecane Concentration Rank 1

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 15.487 | 47.58 ug/l | 1122630 | 1,4-Dichlorobenzene-d4 | 12.024 |

| Hit# | of 5 | Tentative ID                       | MW  | MolForm  | CAS#         | Qual |
|------|------|------------------------------------|-----|----------|--------------|------|
| 1    |      | Pentadecane                        | 212 | C15H32   | 000629-62-9  | 96   |
| 2    |      | Carbonic acid, eicosyl vinyl ester | 368 | C23H44O3 | 1000382-54-3 | 87   |
| 3    |      | Hexadecane                         | 226 | C16H34   | 000544-76-3  | 86   |
| 4    |      | Nonadecane                         | 268 | C19H40   | 000629-92-5  | 83   |
| 5    |      | Tetradecane, 1-iodo-               | 324 | C14H29I  | 019218-94-1  | 83   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102723\  
Data File : VX038609.D  
Acq On : 27 Oct 2023 17:45  
Operator : JC/MD  
Sample : 05108-04  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
NWB-1965

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100523W.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 |
| Hexadecane         | 14.036 | 14.7    | ug/l  | 346579   | 4                     | 12.024 | 1179640 | 50.0 |
| Naphthalene, 1,... | 14.475 | 11.0    | ug/l  | 258522   | 4                     | 12.024 | 1179640 | 50.0 |
| Dodecane, 2,6,1... | 14.615 | 19.0    | ug/l  | 448711   | 4                     | 12.024 | 1179640 | 50.0 |
| Tetradecane        | 14.755 | 37.5    | ug/l  | 884392   | 4                     | 12.024 | 1179640 | 50.0 |
| unknown14.841      | 14.841 | 13.9    | ug/l  | 327841   | 4                     | 12.024 | 1179640 | 50.0 |
| 1,2,3-Trimethyl... | 15.103 | 17.1    | ug/l  | 403812   | 4                     | 12.024 | 1179640 | 50.0 |
| 1H-Indene, 2,3-... | 15.182 | 17.2    | ug/l  | 406264   | 4                     | 12.024 | 1179640 | 50.0 |
| Heneicosane        | 15.207 | 27.8    | ug/l  | 655393   | 4                     | 12.024 | 1179640 | 50.0 |
| unknown15.274      | 15.274 | 11.2    | ug/l  | 264927   | 4                     | 12.024 | 1179640 | 50.0 |
| Pentadecane        | 15.487 | 47.6    | ug/l  | 1122630  | 4                     | 12.024 | 1179640 | 50.0 |