

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080522\  
 Data File : VY009870.D  
 Acq On : 05 Aug 2022 22:54  
 Operator : KP/MD  
 Sample : N4073-01  
 Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CHRT-24133

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\_Y\methods\82Y080322S.M  
 Title : SW846 8260

Signal : TIC: VY009870.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         | 2.211       | 59            | 64          | 71           | rVB3     | 1762           | 3320          | 1.25%           | 0.162%        |
| 2         | 3.235       | 226           | 232         | 238          | rBV3     | 1329           | 2960          | 1.12%           | 0.145%        |
| 3         | 4.198       | 383           | 390         | 398          | rBV4     | 983            | 2752          | 1.04%           | 0.135%        |
| 4         | 4.698       | 462           | 472         | 487          | rBV3     | 6864           | 20642         | 7.80%           | 1.010%        |
| 5         | 5.740       | 635           | 643         | 653          | rBB3     | 2021           | 5692          | 2.15%           | 0.279%        |
| 6         | 6.972       | 834           | 845         | 857          | rBV      | 12373          | 37074         | 14.01%          | 1.814%        |
| 7         | 7.710       | 957           | 966         | 972          | rBV2     | 28707          | 67177         | 25.38%          | 3.287%        |
| 8         | 7.783       | 972           | 978         | 990          | rVB      | 62182          | 134037        | 50.64%          | 6.559%        |
| 9         | 8.124       | 1022          | 1034        | 1046         | rVB3     | 39155          | 121637        | 45.96%          | 5.952%        |
| 10        | 8.685       | 1117          | 1126        | 1135         | rBV      | 119496         | 226869        | 85.71%          | 11.101%       |
| 11        | 10.179      | 1361          | 1371        | 1379         | rBV      | 108966         | 188285        | 71.14%          | 9.213%        |
| 12        | 10.575      | 1430          | 1436        | 1446         | rVB      | 3504           | 6295          | 2.38%           | 0.308%        |
| 13        | 10.941      | 1490          | 1496        | 1504         | rVB2     | 6052           | 10271         | 3.88%           | 0.503%        |
| 14        | 11.319      | 1551          | 1558        | 1564         | rVB2     | 2084           | 3367          | 1.27%           | 0.165%        |
| 15        | 11.489      | 1578          | 1586        | 1594         | rBV      | 159960         | 264682        | 100.00%         | 12.951%       |
| 16        | 12.337      | 1716          | 1725        | 1734         | rBV      | 65348          | 109329        | 41.31%          | 5.350%        |
| 17        | 12.477      | 1741          | 1748        | 1758         | rBV      | 83702          | 132689        | 50.13%          | 6.493%        |
| 18        | 12.581      | 1758          | 1765        | 1771         | rBV4     | 5281           | 8545          | 3.23%           | 0.418%        |
| 19        | 12.892      | 1810          | 1816        | 1823         | rBV      | 13462          | 22166         | 8.37%           | 1.085%        |
| 20        | 13.142      | 1849          | 1857        | 1868         | rVB2     | 12263          | 21487         | 8.12%           | 1.051%        |
| 21        | 13.337      | 1882          | 1889        | 1892         | rBV6     | 2351           | 3884          | 1.47%           | 0.190%        |
| 22        | 13.422      | 1897          | 1903        | 1917         | rVB      | 169646         | 253217        | 95.67%          | 12.390%       |
| 23        | 13.635      | 1931          | 1938        | 1942         | rBV7     | 1163           | 2791          | 1.05%           | 0.137%        |
| 24        | 13.745      | 1952          | 1956        | 1960         | rBV5     | 3299           | 5881          | 2.22%           | 0.288%        |
| 25        | 13.965      | 1988          | 1992        | 1997         | rVB7     | 2307           | 4262          | 1.61%           | 0.209%        |
| 26        | 14.080      | 2005          | 2011        | 2015         | rBV2     | 4780           | 8953          | 3.38%           | 0.438%        |
| 27        | 14.141      | 2015          | 2021        | 2027         | rBV10    | 2893           | 6938          | 2.62%           | 0.339%        |
| 28        | 14.215      | 2027          | 2033        | 2034         | rBV6     | 1619           | 3079          | 1.16%           | 0.151%        |
| 29        | 14.257      | 2035          | 2040        | 2043         | rBV6     | 4036           | 7243          | 2.74%           | 0.354%        |
| 30        | 14.330      | 2050          | 2052        | 2055         | rVB4     | 2995           | 3219          | 1.22%           | 0.158%        |
| 31        | 14.379      | 2055          | 2060        | 2062         | rBV6     | 1995           | 2996          | 1.13%           | 0.147%        |
| 32        | 14.416      | 2064          | 2066        | 2071         | rVV5     | 4093           | 6066          | 2.29%           | 0.297%        |
| 33        | 14.471      | 2071          | 2075        | 2079         | rVB7     | 2901           | 4452          | 1.68%           | 0.218%        |
| 34        | 14.611      | 2095          | 2098        | 2102         | rVB5     | 3999           | 5056          | 1.91%           | 0.247%        |
| 35        | 14.672      | 2102          | 2108        | 2114         | rBV3     | 10599          | 23610         | 8.92%           | 1.155%        |
| 36        | 14.739      | 2114          | 2119        | 2123         | rVV7     | 5072           | 10934         | 4.13%           | 0.535%        |

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Sample : N4073-01  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-24133

Integration Parameters: RTEINT.P

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080322S.M

Title : SW846 8260

|    |        |      |      |      |      |       |       |        |        |
|----|--------|------|------|------|------|-------|-------|--------|--------|
| 37 | 14.830 | 2132 | 2134 | 2138 | rVB4 | 4331  | 5280  | 1.99%  | 0.258% |
| 38 | 14.867 | 2138 | 2140 | 2144 | rVB5 | 3175  | 3848  | 1.45%  | 0.188% |
| 39 | 14.940 | 2148 | 2152 | 2155 | rVB6 | 7612  | 10280 | 3.88%  | 0.503% |
| 40 | 15.001 | 2157 | 2162 | 2164 | rBV5 | 4184  | 7213  | 2.73%  | 0.353% |
| 41 | 15.220 | 2190 | 2198 | 2203 | rBV2 | 13674 | 42310 | 15.99% | 2.070% |
| 42 | 15.288 | 2205 | 2209 | 2215 | rVV7 | 7460  | 21798 | 8.24%  | 1.067% |
| 43 | 15.440 | 2230 | 2234 | 2237 | rBV6 | 6622  | 12863 | 4.86%  | 0.629% |
| 44 | 15.726 | 2277 | 2281 | 2285 | rVB6 | 9050  | 15153 | 5.72%  | 0.741% |
| 45 | 16.153 | 2347 | 2351 | 2356 | rVB4 | 20200 | 35566 | 13.44% | 1.740% |
| 46 | 16.220 | 2358 | 2362 | 2368 | rBV2 | 22379 | 46979 | 17.75% | 2.299% |
| 47 | 16.470 | 2399 | 2403 | 2411 | rBV8 | 26089 | 60127 | 22.72% | 2.942% |
| 48 | 16.598 | 2420 | 2424 | 2433 | rBV8 | 13559 | 40427 | 15.27% | 1.978% |

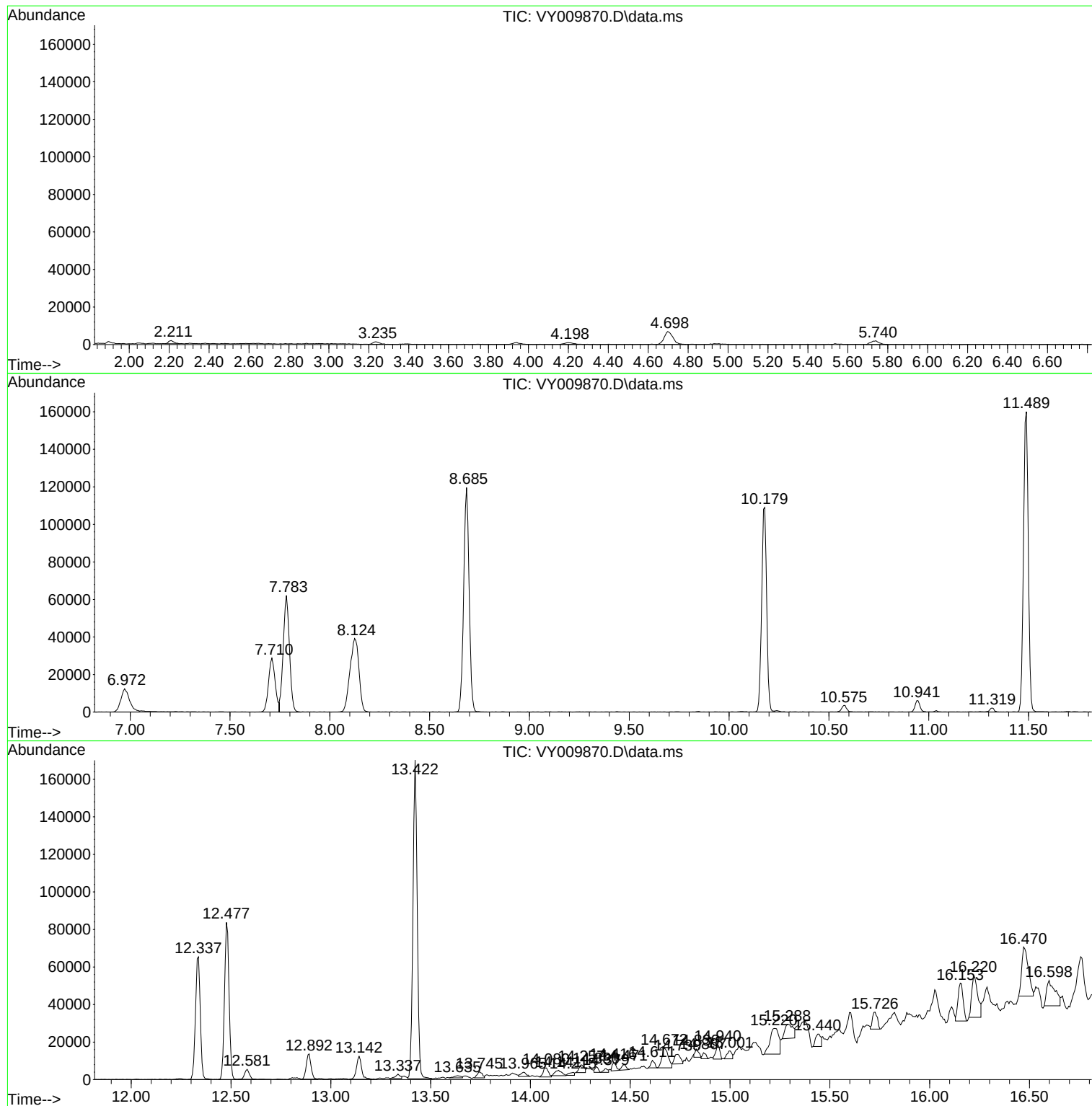
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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-24133

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080322S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080522\  
Data File : VY009870.D  
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Operator : KP/MD  
Sample : N4073-01  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-24133

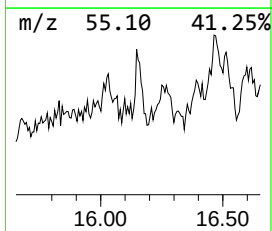
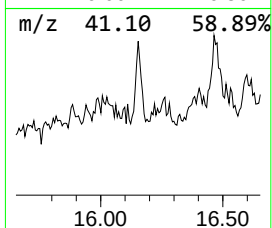
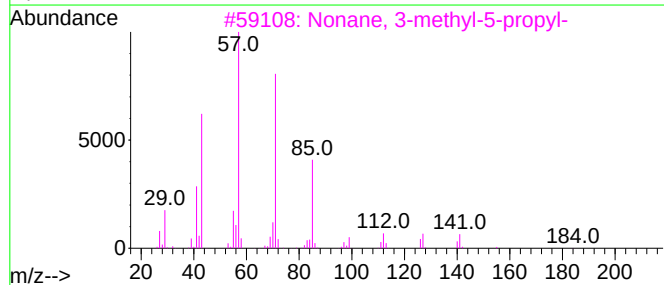
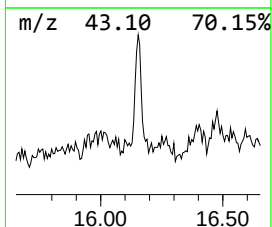
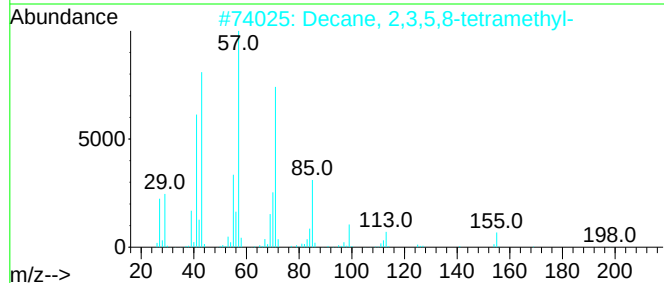
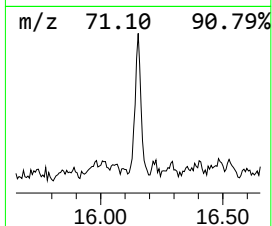
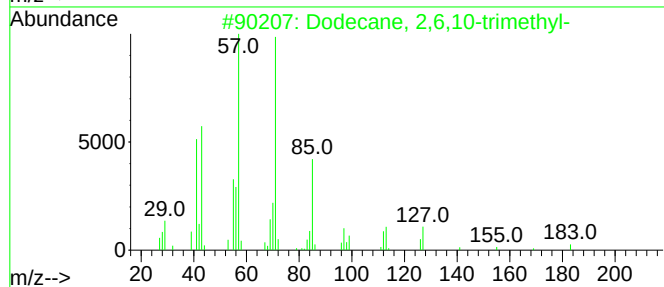
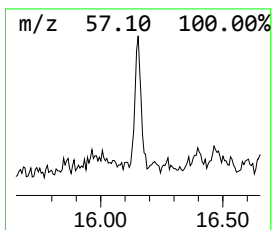
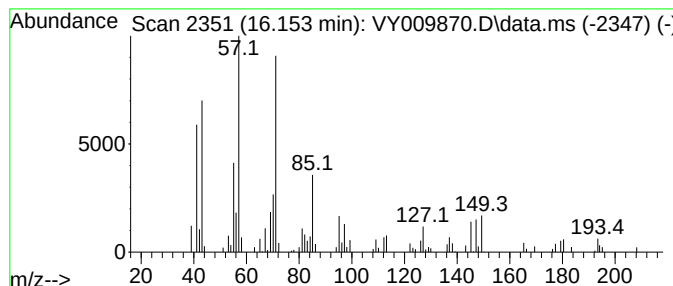
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080322S.M  
Quant Title : SW846 8260

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 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.153 | 7.02 ug/l | 35566 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl-  | 212 | C15H32  | 003891-98-3 | 62   |
| 2    |    |   | Decane, 2,3,5,8-tetramethyl- | 198 | C14H30  | 192823-15-7 | 58   |
| 3    |    |   | Nonane, 3-methyl-5-propyl-   | 184 | C13H28  | 031081-18-2 | 53   |
| 4    |    |   | Dodecane, 2,6,11-trimethyl-  | 212 | C15H32  | 031295-56-4 | 50   |
| 5    |    |   | Dodecane, 2,7,10-trimethyl-  | 212 | C15H32  | 074645-98-0 | 50   |



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Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-24133

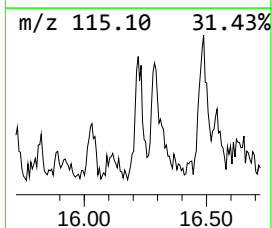
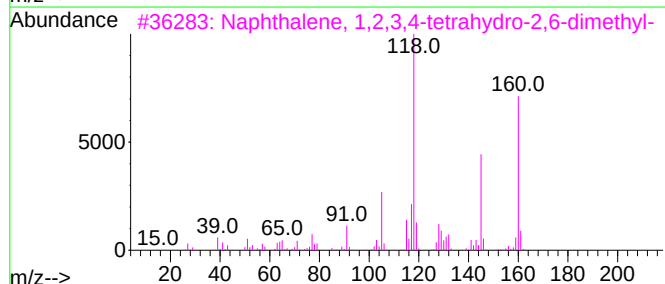
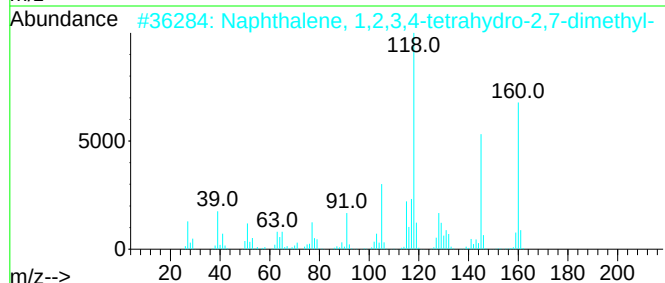
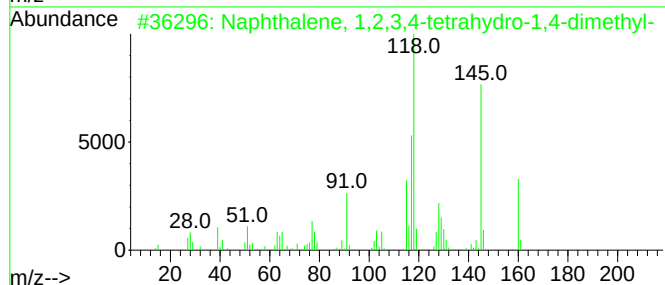
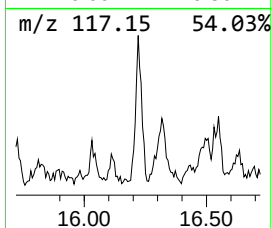
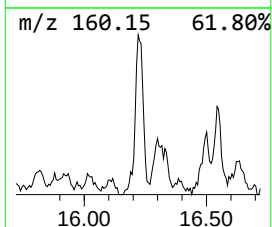
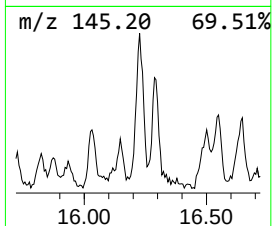
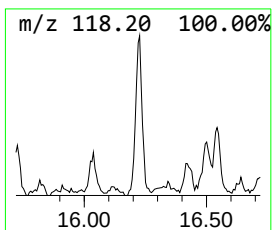
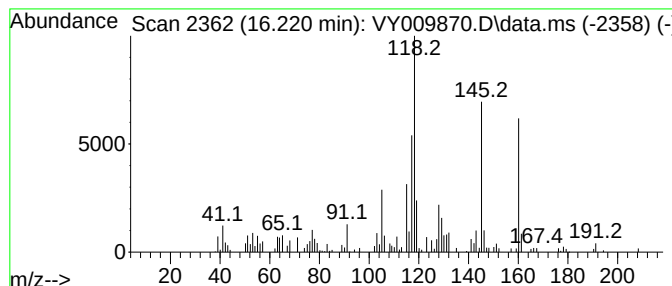
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080322S.M  
Quant Title : SW846 8260

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

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

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.220 | 9.28 ug/l | 46979 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 91   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 91   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 007524-63-2 | 76   |
| 4    |    |   | 1(2H)-Naphthalenone, 3,4-dihydro... | 160 | C11H12O | 014944-23-1 | 58   |
| 5    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 58   |



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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-24133

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080322S.M  
Quant Title : SW846 8260

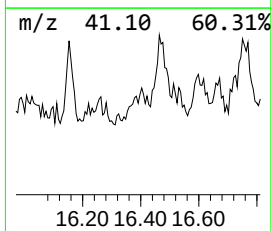
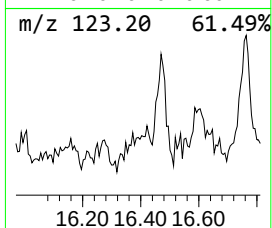
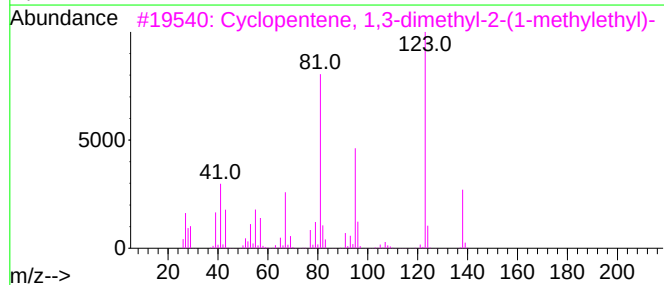
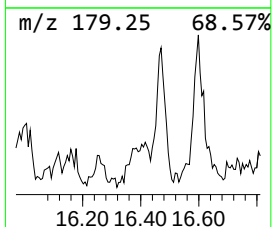
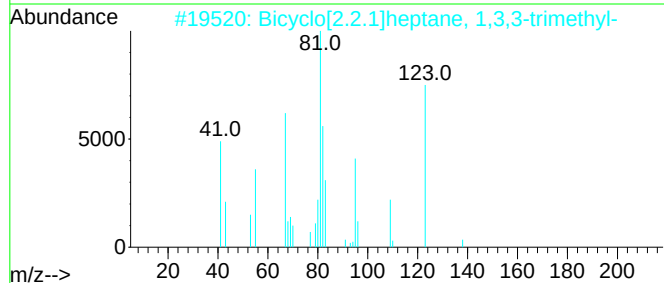
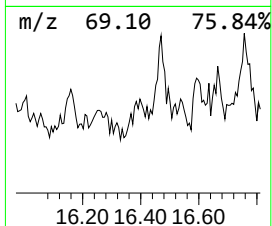
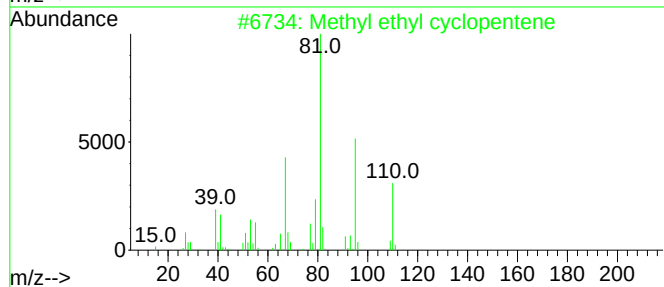
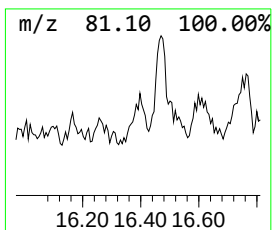
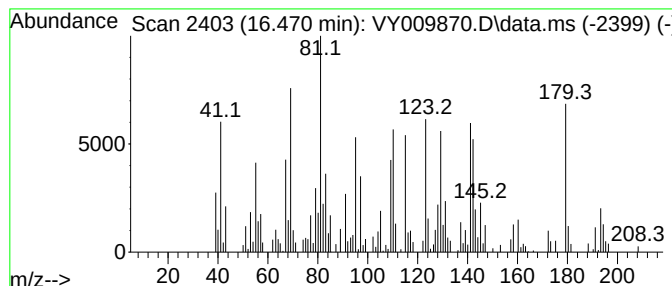
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown16.470 Concentration Rank 2

| R.T.   | EstConc    | Area  | Relative to ISTD       | R.T.   |
|--------|------------|-------|------------------------|--------|
| 16.470 | 11.87 ug/l | 60127 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Methyl ethyl cyclopentene           | 110 | C8H14   | 019780-56-4 | 25   |
| 2    |    |   | Bicyclo[2.2.1]heptane, 1,3,3-tri... | 138 | C10H18  | 006248-88-0 | 18   |
| 3    |    |   | Cyclopentene, 1,3-dimethyl-2-(1-... | 138 | C10H18  | 061142-32-3 | 14   |
| 4    |    |   | 3-Heptyne, 5-methyl-                | 110 | C8H14   | 061228-09-9 | 14   |
| 5    |    |   | Cyclohexene, 3-(1-methylethyl)-     | 124 | C9H16   | 003983-08-2 | 11   |



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ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-24133

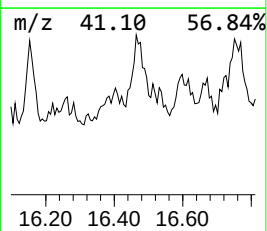
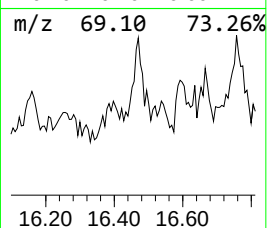
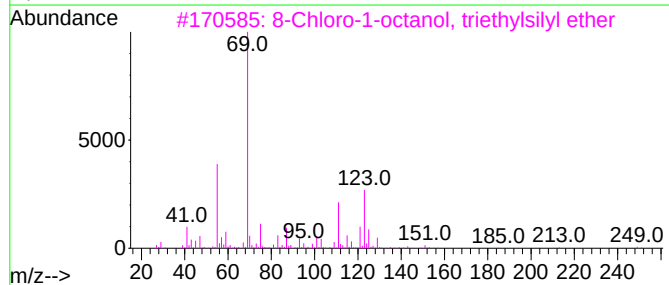
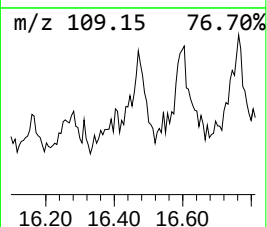
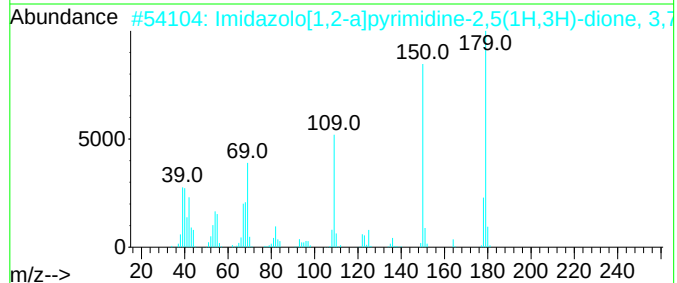
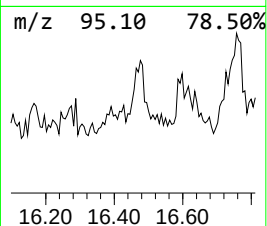
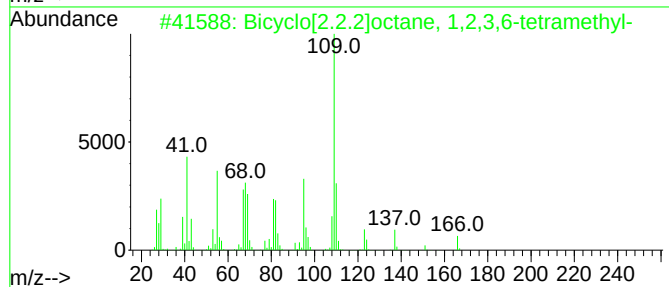
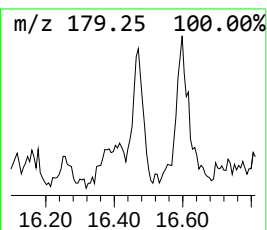
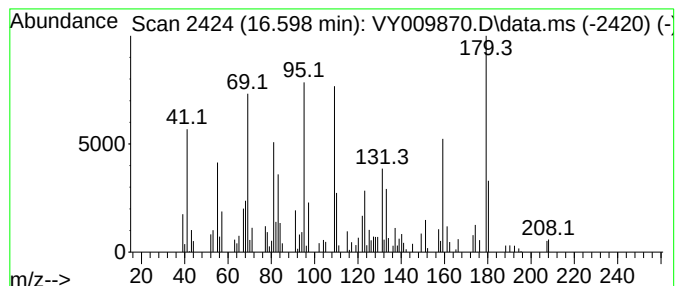
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080322S.M  
Quant Title : SW846 8260

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

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Peak Number 6 unknown16.598 Concentration Rank 4

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 16.598 | 7.98 ug/l | 40427 | 1,4-Dichlorobenzene-d4 | 13.422 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm     | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-------------|--------------|------|
| 1    |    |   | Bicyclo[2.2.2]octane, 1,2,3,6-te... | 166 | C12H22      | 062338-45-8  | 25   |
| 2    |    |   | Imidazolo[1,2-a]pyrimidine-2,5(1... | 179 | C8H9N3O2    | 053854-19-6  | 22   |
| 3    |    |   | 8-Chloro-1-octanol, triethylsily... | 278 | C14H31ClOSi | 1000447-39-2 | 10   |
| 4    |    |   | 1,3-Dimethyl-1-cyclohexene          | 110 | C8H14       | 002808-76-6  | 10   |
| 5    |    |   | .beta.-D-Mannofuranoside, farnesyl- | 384 | C21H36O6    | 1000155-15-5 | 10   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080522\  
Data File : VY009870.D  
Acq On : 05 Aug 2022 22:54  
Operator : KP/MD  
Sample : N4073-01  
Misc : 5.01g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CHRT-24133

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080322S.M  
Quant Title : SW846 8260

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

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |        |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|--------|------|
|                    |        |         |       |          | #                     | RT     | Resp   | Conc |
| Dodecane, 2,6,1... | 16.153 | 7.0     | ug/l  | 35566    | 4                     | 13.422 | 253217 | 50.0 |
| Naphthalene, 1,... | 16.220 | 9.3     | ug/l  | 46979    | 4                     | 13.422 | 253217 | 50.0 |
| unknown16.470      | 16.470 | 11.9    | ug/l  | 60127    | 4                     | 13.422 | 253217 | 50.0 |
| unknown16.598      | 16.598 | 8.0     | ug/l  | 40427    | 4                     | 13.422 | 253217 | 50.0 |