

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
 Data File : VD074636.D  
 Acq On : 25 Oct 2022 16:49  
 Operator : VA/SY  
 Sample : N5267-10  
 Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 TP4-1024

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\_D\Method\82D101922S.M  
 Title : SW846 8260

Signal : TIC: VD074636.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         | 1.728       | 17            | 24          | 37           | rBV      | 295391         | 457909        | 100.00%         | 28.266%       |
| 2         | 7.058       | 922           | 930         | 938          | rBV2     | 3331           | 8639          | 1.89%           | 0.533%        |
| 3         | 7.805       | 1051          | 1057        | 1063         | rVB2     | 3320           | 7189          | 1.57%           | 0.444%        |
| 4         | 7.869       | 1063          | 1068        | 1075         | rVB2     | 3428           | 6966          | 1.52%           | 0.430%        |
| 5         | 8.234       | 1123          | 1130        | 1135         | rBV3     | 3940           | 7926          | 1.73%           | 0.489%        |
| 6         | 8.775       | 1216          | 1222        | 1228         | rBV      | 5436           | 10149         | 2.22%           | 0.626%        |
| 7         | 10.269      | 1470          | 1476        | 1483         | rVB      | 9790           | 16957         | 3.70%           | 1.047%        |
| 8         | 11.581      | 1694          | 1699        | 1704         | rVB2     | 9661           | 15346         | 3.35%           | 0.947%        |
| 9         | 12.575      | 1861          | 1868        | 1872         | rBV3     | 7731           | 11681         | 2.55%           | 0.721%        |
| 10        | 13.516      | 2023          | 2028        | 2034         | rVB2     | 10711          | 15510         | 3.39%           | 0.957%        |
| 11        | 13.839      | 2078          | 2083        | 2086         | rBV5     | 5529           | 9874          | 2.16%           | 0.610%        |
| 12        | 13.998      | 2105          | 2110        | 2114         | rBV6     | 2379           | 4987          | 1.09%           | 0.308%        |
| 13        | 14.098      | 2122          | 2127        | 2132         | rVB6     | 4830           | 9023          | 1.97%           | 0.557%        |
| 14        | 14.169      | 2132          | 2139        | 2145         | rBV6     | 7216           | 15521         | 3.39%           | 0.958%        |
| 15        | 14.222      | 2145          | 2148        | 2150         | rBV4     | 4180           | 4842          | 1.06%           | 0.299%        |
| 16        | 14.351      | 2160          | 2170        | 2181         | rVB4     | 12221          | 38960         | 8.51%           | 2.405%        |
| 17        | 14.469      | 2185          | 2190        | 2192         | rBV5     | 6788           | 10182         | 2.22%           | 0.629%        |
| 18        | 14.504      | 2192          | 2196        | 2202         | rVV6     | 8190           | 13542         | 2.96%           | 0.836%        |
| 19        | 14.663      | 2219          | 2223        | 2227         | rBV7     | 4619           | 7998          | 1.75%           | 0.494%        |
| 20        | 14.704      | 2227          | 2230        | 2234         | rBV5     | 4443           | 7161          | 1.56%           | 0.442%        |
| 21        | 14.769      | 2236          | 2241        | 2245         | rVV6     | 22604          | 43577         | 9.52%           | 2.690%        |
| 22        | 14.810      | 2245          | 2248        | 2255         | rVV      | 53893          | 90959         | 19.86%          | 5.615%        |
| 23        | 14.886      | 2256          | 2261        | 2265         | rVB8     | 9798           | 18347         | 4.01%           | 1.133%        |
| 24        | 15.028      | 2281          | 2285        | 2290         | rVB2     | 28169          | 42024         | 9.18%           | 2.594%        |
| 25        | 15.092      | 2290          | 2296        | 2298         | rBV5     | 10972          | 24362         | 5.32%           | 1.504%        |
| 26        | 15.145      | 2302          | 2305        | 2310         | rVB      | 20872          | 36986         | 8.08%           | 2.283%        |
| 27        | 15.298      | 2326          | 2331        | 2337         | rBV2     | 68786          | 114329        | 24.97%          | 7.057%        |
| 28        | 15.434      | 2349          | 2354        | 2357         | rBV6     | 16860          | 32540         | 7.11%           | 2.009%        |
| 29        | 15.481      | 2360          | 2362        | 2367         | rVB6     | 25626          | 37653         | 8.22%           | 2.324%        |
| 30        | 15.622      | 2379          | 2386        | 2387         | rBV5     | 33491          | 61733         | 13.48%          | 3.811%        |
| 31        | 15.704      | 2395          | 2400        | 2405         | rVB2     | 46997          | 82332         | 17.98%          | 5.082%        |
| 32        | 15.781      | 2407          | 2413        | 2421         | rVV8     | 20785          | 54188         | 11.83%          | 3.345%        |
| 33        | 15.975      | 2443          | 2446        | 2453         | rVB4     | 22897          | 44048         | 9.62%           | 2.719%        |
| 34        | 16.128      | 2468          | 2472        | 2478         | rBV5     | 27838          | 49576         | 10.83%          | 3.060%        |
| 35        | 16.186      | 2478          | 2482        | 2488         | rVV7     | 18583          | 33889         | 7.40%           | 2.092%        |
| 36        | 16.257      | 2489          | 2494        | 2500         | rVB      | 61053          | 110462        | 24.12%          | 6.819%        |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

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\_D\Method\82D101922S.M  
Title : SW846 8260

|    |        |      |      |      |      |       |       |        |        |
|----|--------|------|------|------|------|-------|-------|--------|--------|
| 37 | 16.581 | 2545 | 2549 | 2555 | rBV7 | 29286 | 62632 | 13.68% | 3.866% |
|----|--------|------|------|------|------|-------|-------|--------|--------|

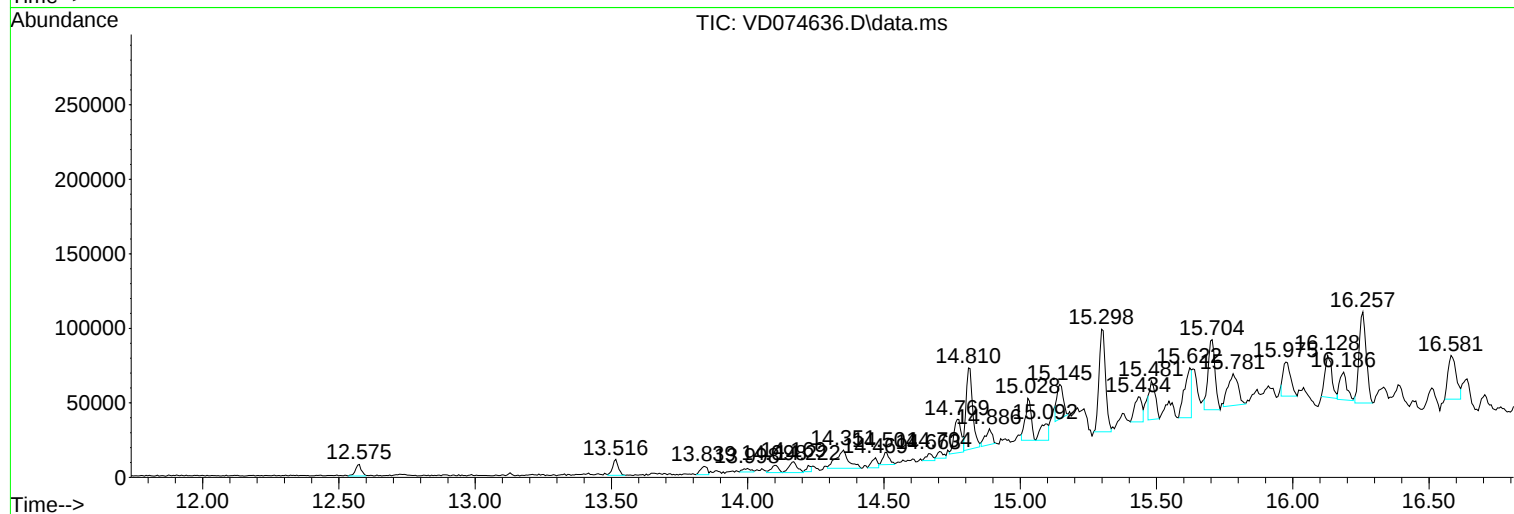
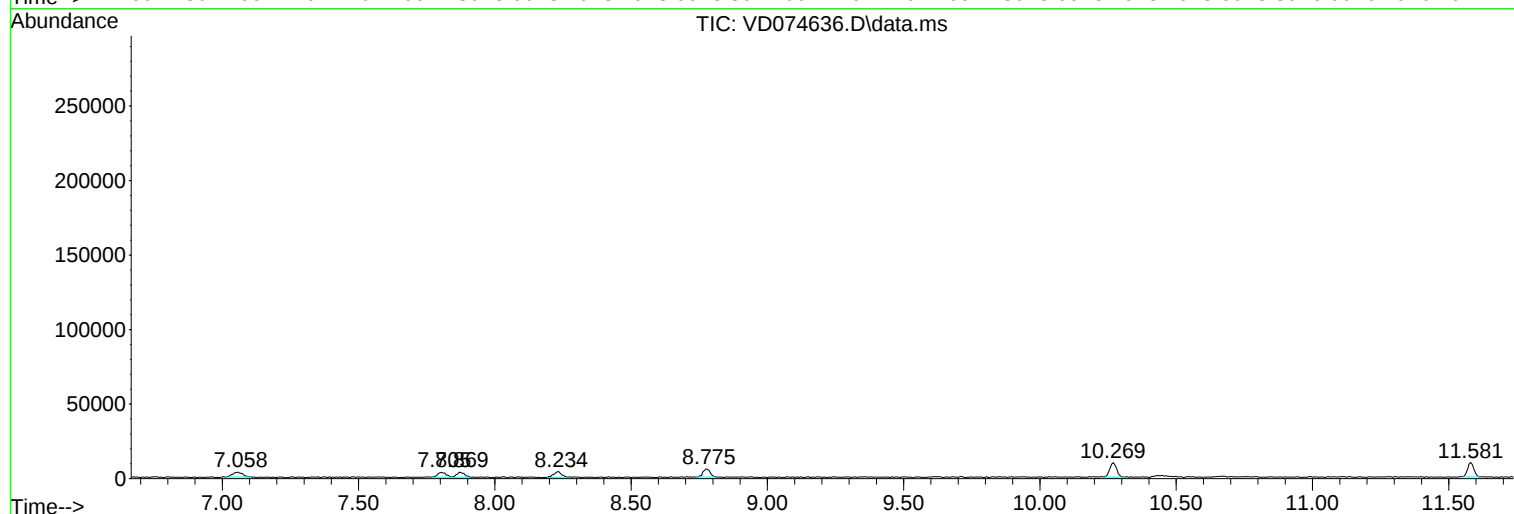
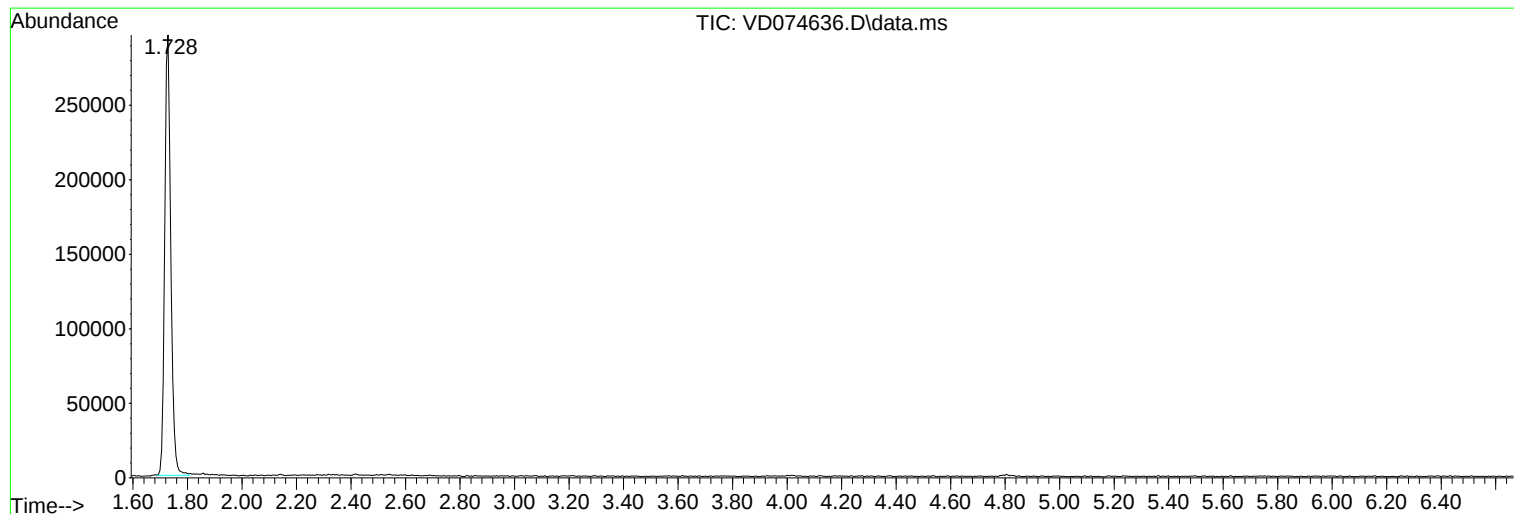
Sum of corrected areas: 1619999

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

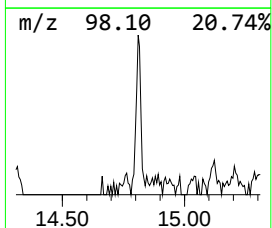
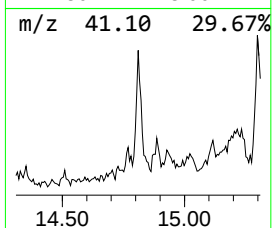
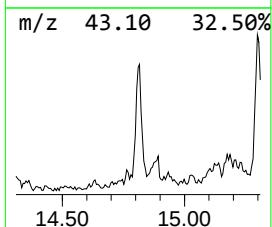
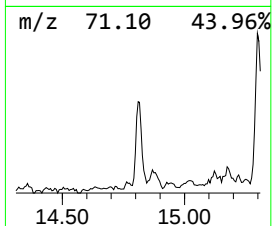
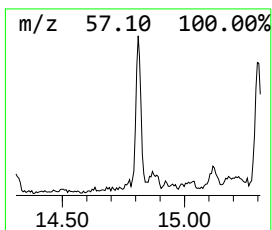
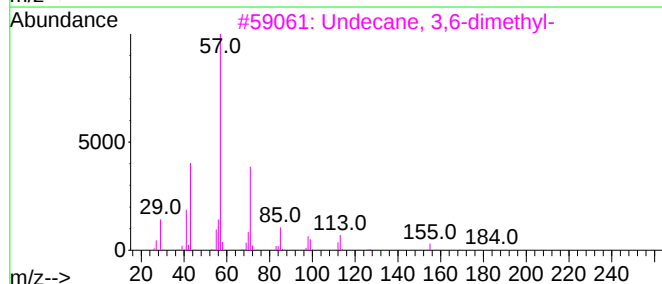
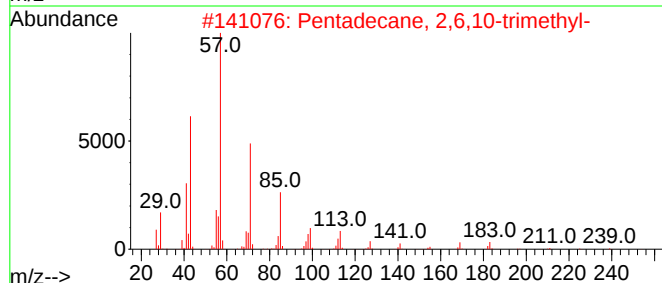
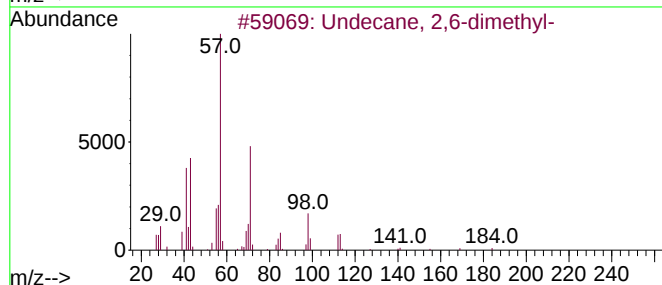
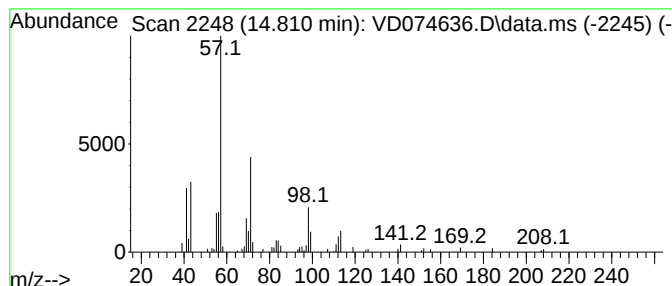
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 4

| R.T.   | EstConc     | Area  | Relative to ISTD       | R.T.   |
|--------|-------------|-------|------------------------|--------|
| 14.810 | 293.23 ug/l | 90959 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                   | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------------|-----|---------|-------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-        | 184 | C13H28  | 017301-23-4 | 90   |
| 2    |    |   | Pentadecane, 2,6,10-trimethyl- | 254 | C18H38  | 003892-00-0 | 64   |
| 3    |    |   | Undecane, 3,6-dimethyl-        | 184 | C13H28  | 017301-28-9 | 59   |
| 4    |    |   | Undecane, 4,6-dimethyl-        | 184 | C13H28  | 017312-82-2 | 53   |
| 5    |    |   | Heptacosane                    | 380 | C27H56  | 000593-49-7 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

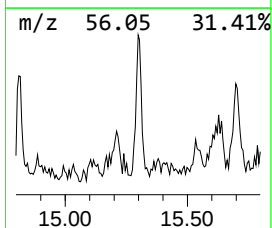
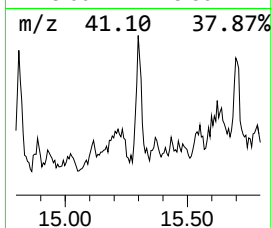
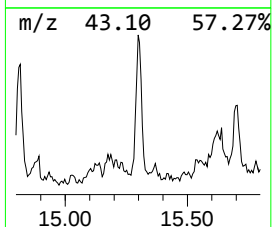
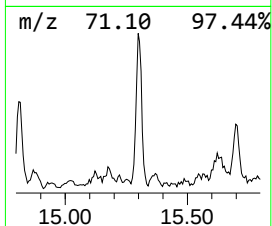
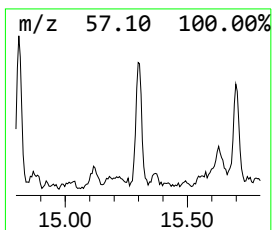
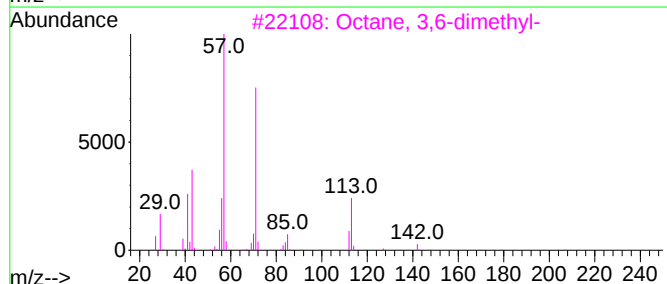
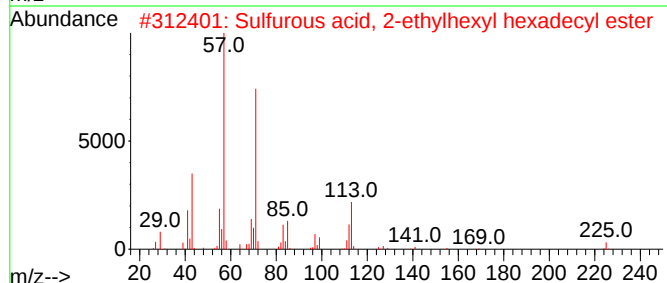
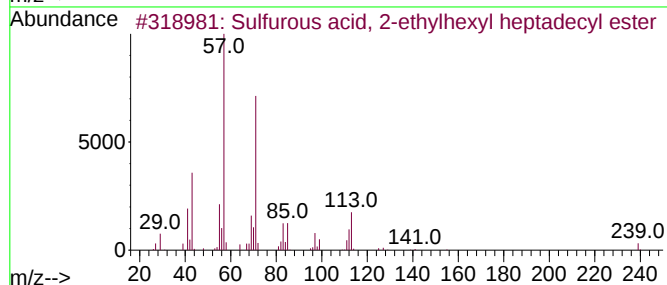
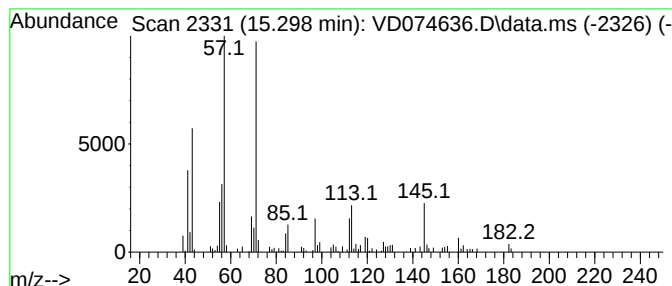
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 3 Sulfurous acid, 2-ethylhexy... Concentration Rank 2

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 15.298 | 368.57 ug/l | 114329 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, 2-ethylhexyl hep... | 432 | C25H52O3S | 1000309-20-0 | 72   |
| 2    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 418 | C24H50O3S | 1000309-19-9 | 64   |
| 3    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 53   |
| 4    |    |   | 1-Pentanol, 3-methyl-2-propyl-      | 144 | C9H20O    | 054004-40-9  | 53   |
| 5    |    |   | 1-Decene, 3,4-dimethyl-             | 168 | C12H24    | 050871-03-9  | 50   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

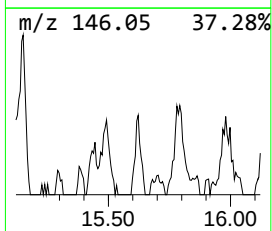
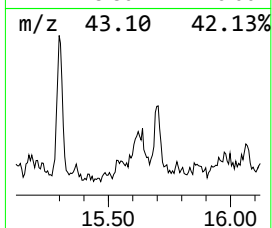
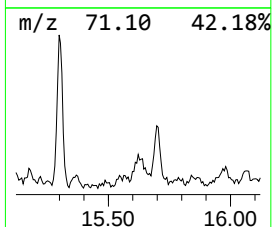
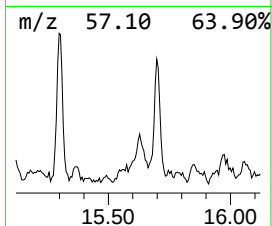
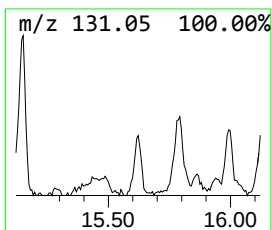
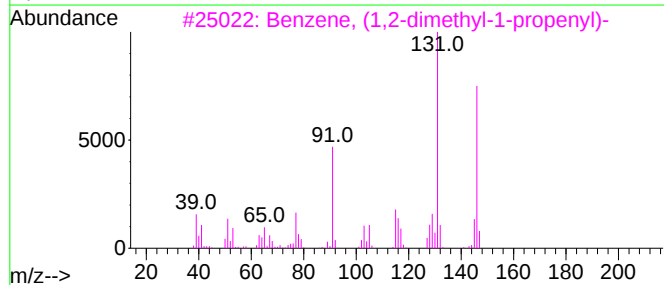
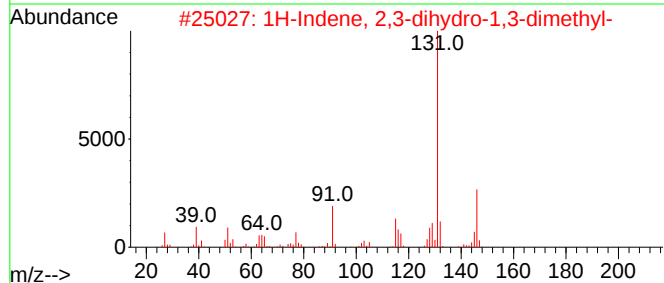
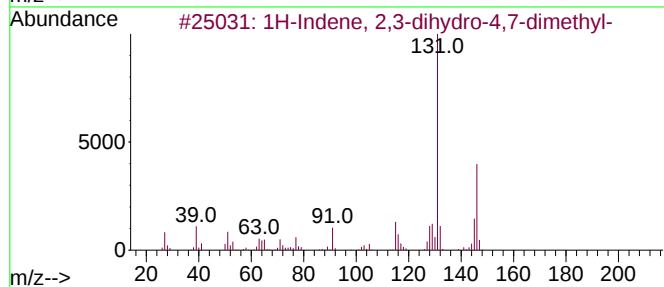
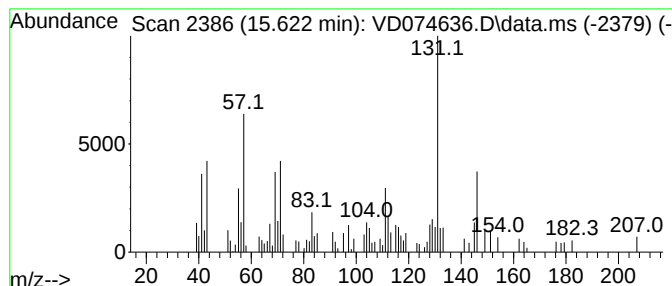
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

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

| R.T.   | EstConc     | Area  | Relative to ISTD       | R.T.   |
|--------|-------------|-------|------------------------|--------|
| 15.622 | 199.01 ug/l | 61733 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 92   |
| 2    |    |   | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 87   |
| 3    |    |   | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 87   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 70   |
| 5    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 55   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

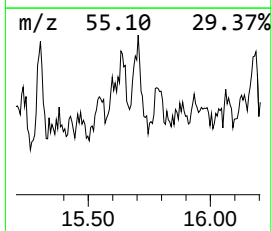
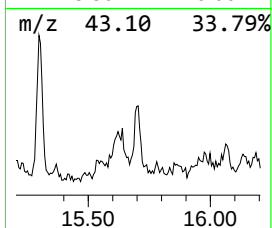
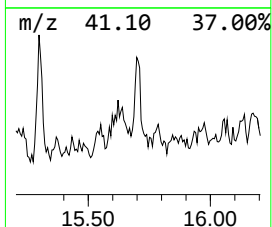
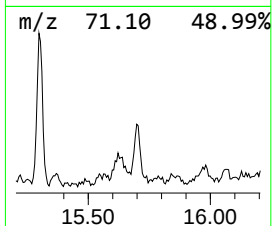
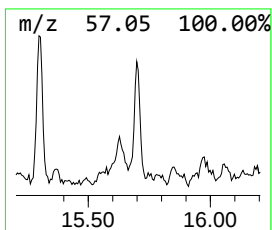
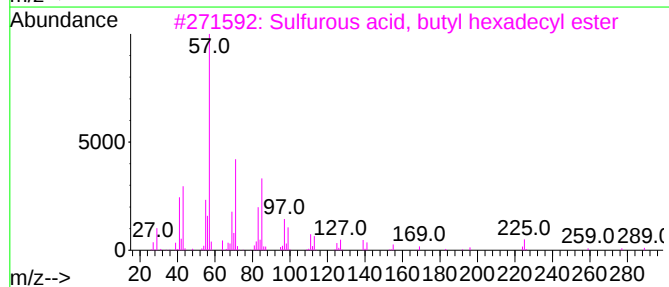
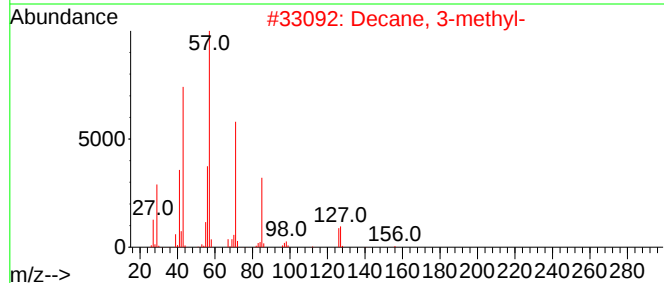
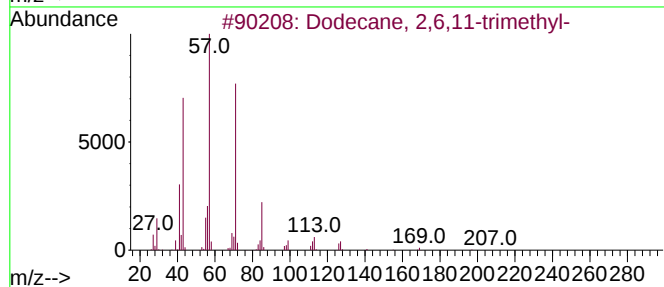
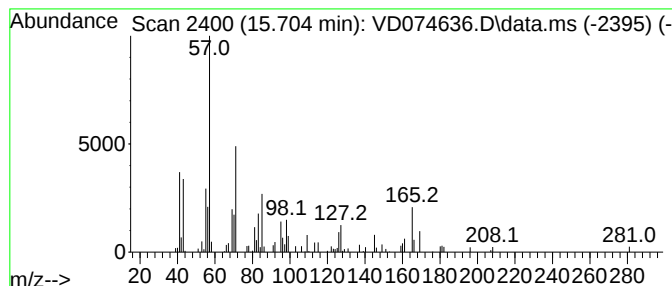
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 5 Dodecane, 2,6,11-trimethyl- Concentration Rank 5

| R.T.   | EstConc     | Area  | Relative to ISTD       | R.T.   |
|--------|-------------|-------|------------------------|--------|
| 15.704 | 265.42 ug/l | 82332 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dodecane, 2,6,11-trimethyl-         | 212 | C15H32    | 031295-56-4  | 53   |
| 2    |    |   | Decane, 3-methyl-                   | 156 | C11H24    | 013151-34-3  | 47   |
| 3    |    |   | Sulfurous acid, butyl hexadecyl ... | 362 | C20H42O3S | 1000309-18-3 | 47   |
| 4    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44    | 054833-48-6  | 43   |
| 5    |    |   | Dodecane, 3-methyl-                 | 184 | C13H28    | 017312-57-1  | 43   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

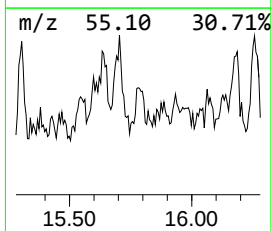
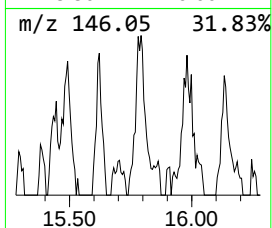
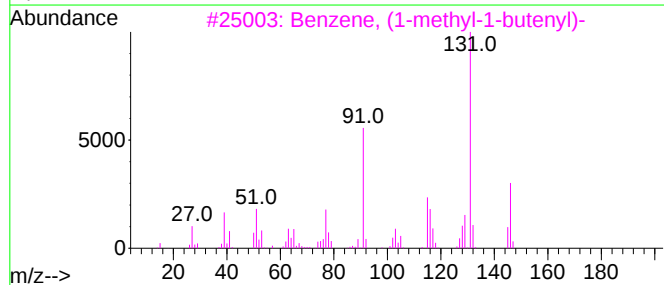
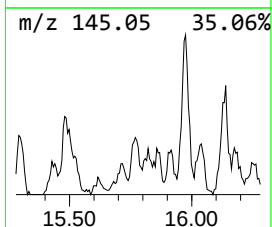
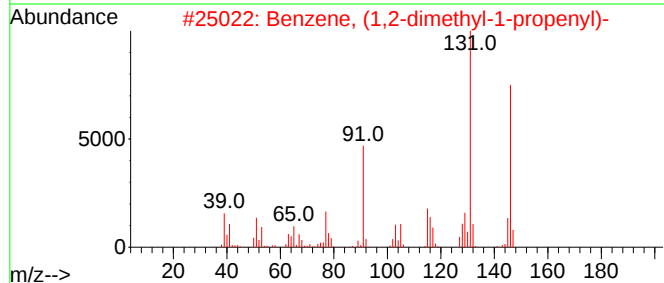
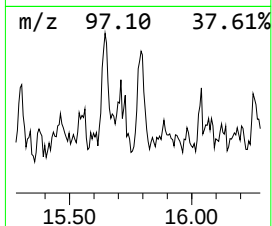
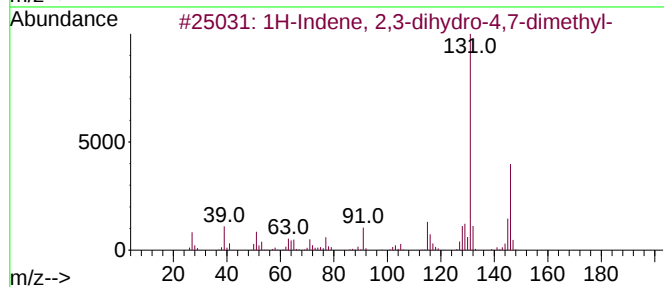
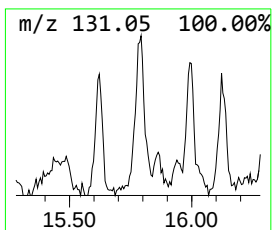
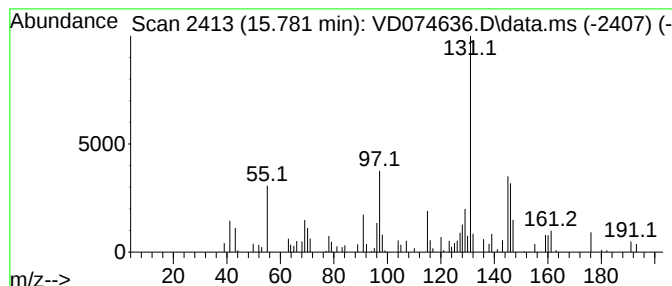
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 8

| R.T.   | EstConc     | Area  | Relative to ISTD       | R.T.   |
|--------|-------------|-------|------------------------|--------|
| 15.781 | 174.69 ug/l | 54188 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 52   |
| 2    |    |   | Benzene, (1,2-dimethyl-1-propenyl)- | 146 | C11H14  | 000769-57-3 | 52   |
| 3    |    |   | Benzene, (1-methyl-1-butenyl)-      | 146 | C11H14  | 053172-84-2 | 49   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-5,6-dimet... | 146 | C11H14  | 001075-22-5 | 49   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-4,6-dimet... | 146 | C11H14  | 001685-82-1 | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

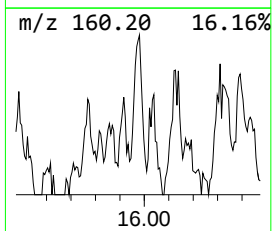
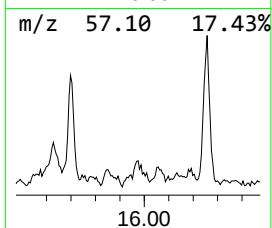
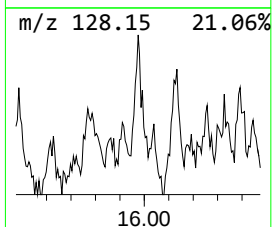
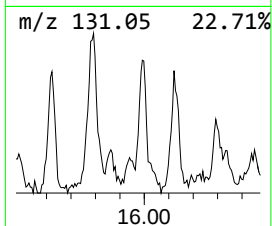
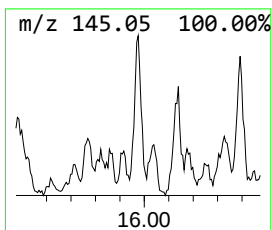
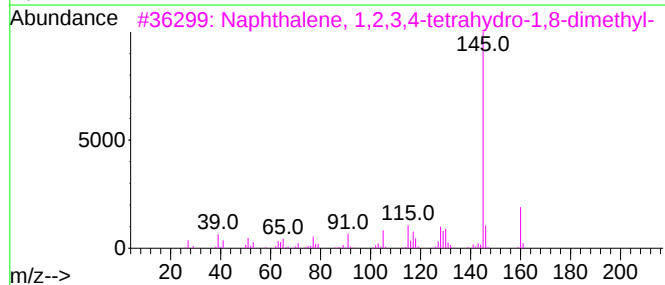
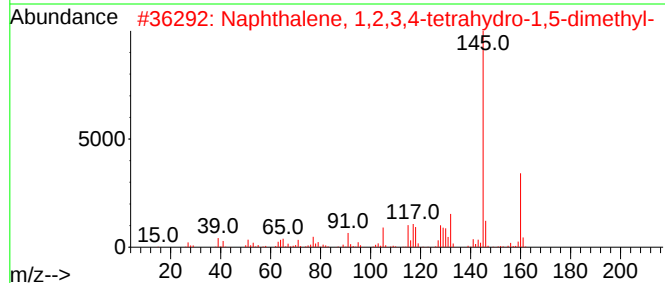
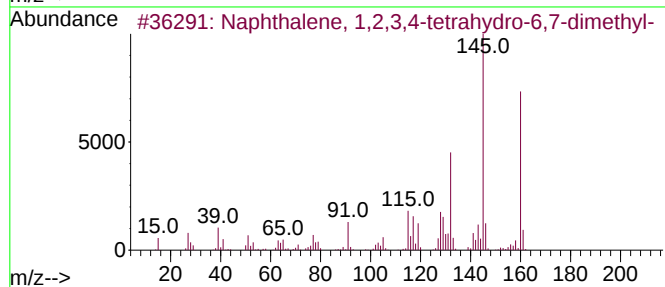
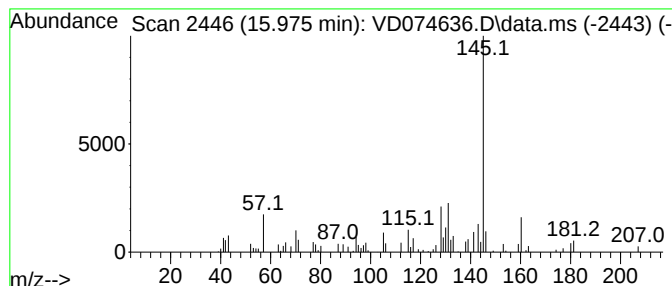
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 10

| R.T.   | EstConc     | Area  | Relative to ISTD       | R.T.   |
|--------|-------------|-------|------------------------|--------|
| 15.975 | 142.00 ug/l | 44048 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 001076-61-5 | 58   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 021564-91-0 | 53   |
| 3    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 025419-33-4 | 52   |
| 4    |    |   | 1H-Indene, 2,3-dihydro-1,1,5-tri... | 160 | C12H16  | 040650-41-7 | 52   |
| 5    |    |   | 1H-Indene, 2,3-dihydro-1,1,4-tri... | 160 | C12H16  | 016204-72-1 | 49   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

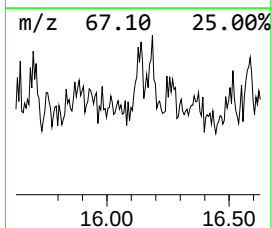
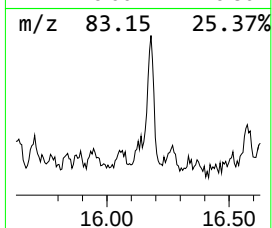
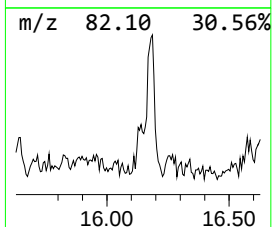
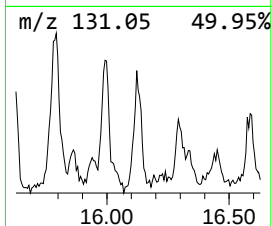
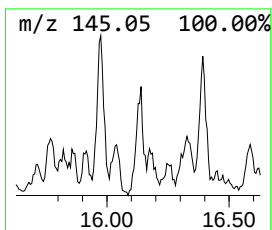
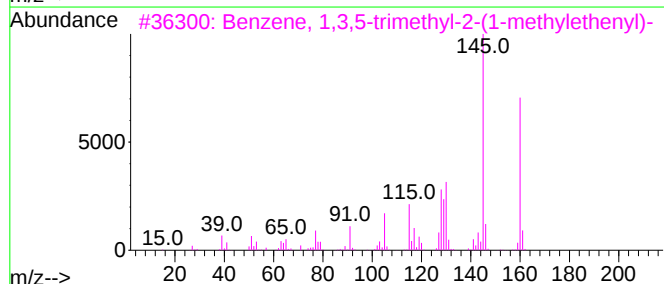
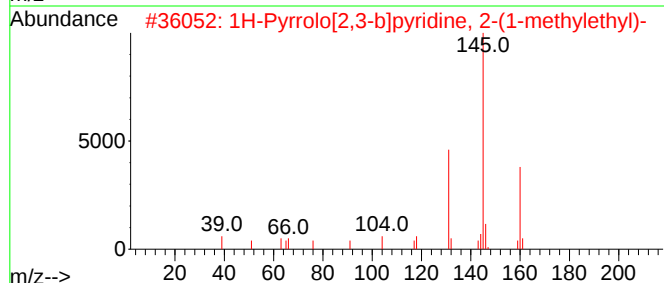
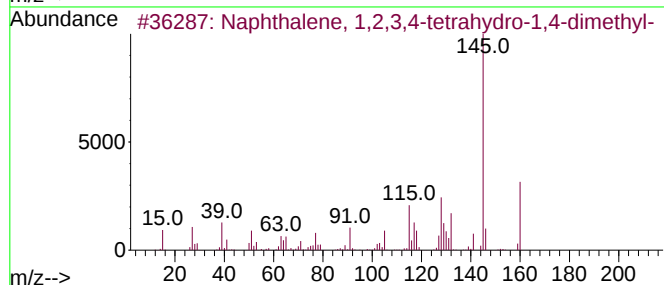
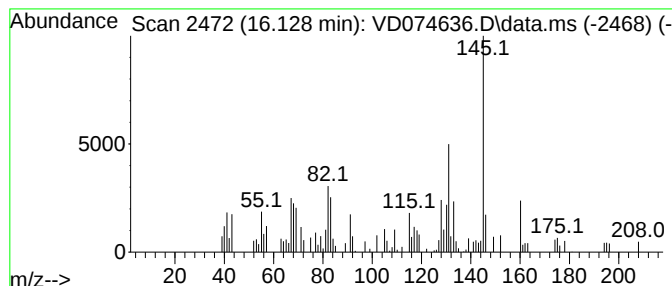
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 8 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 9

| R.T.   | EstConc     | Area  | Relative to ISTD       | R.T.   |
|--------|-------------|-------|------------------------|--------|
| 16.128 | 159.82 ug/l | 49576 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16   | 004175-54-6 | 60   |
| 2    |    |   | 1H-Pyrrolo[2,3-b]pyridine, 2-(1-... | 160 | C10H12N2 | 027257-18-7 | 58   |
| 3    |    |   | Benzene, 1,3,5-trimethyl-2-(1-me... | 160 | C12H16   | 014679-13-1 | 58   |
| 4    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16   | 025419-33-4 | 55   |
| 5    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16   | 001076-61-5 | 55   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

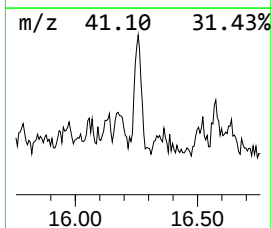
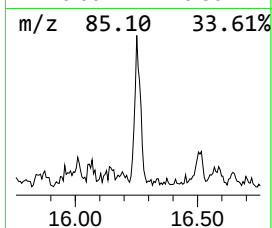
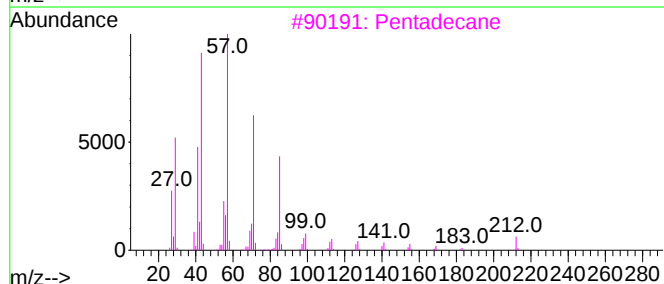
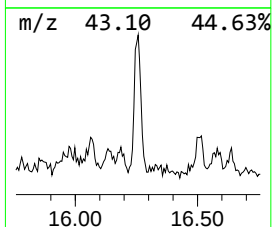
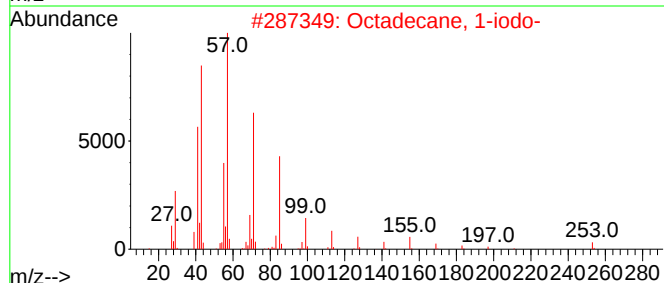
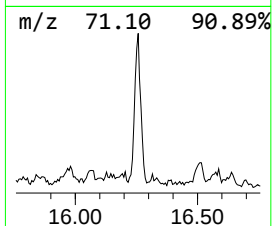
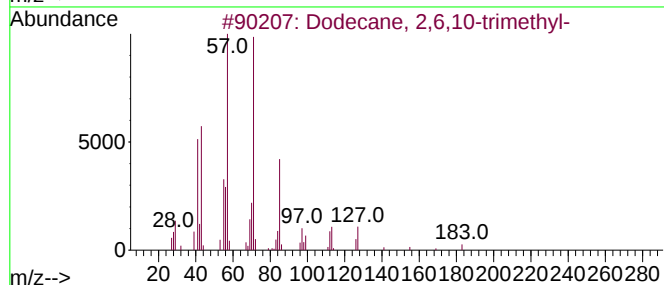
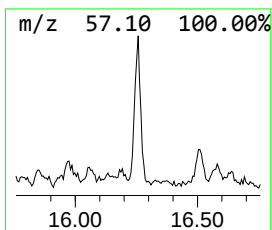
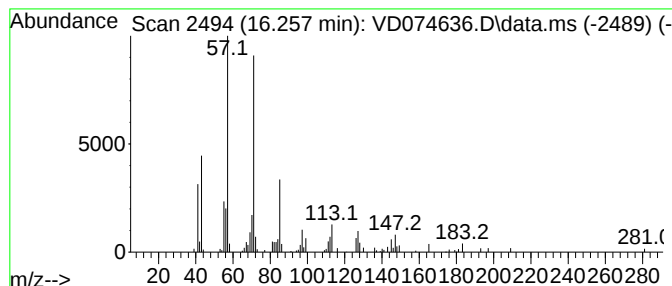
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 9 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

| R.T.   | EstConc     | Area   | Relative to ISTD       | R.T.   |
|--------|-------------|--------|------------------------|--------|
| 16.257 | 356.10 ug/l | 110462 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dodecane, 2,6,10-trimethyl-       | 212 | C15H32    | 003891-98-3  | 86   |
| 2    |    |   | Octadecane, 1-iodo-               | 380 | C18H37I   | 000629-93-6  | 59   |
| 3    |    |   | Pentadecane                       | 212 | C15H32    | 000629-62-9  | 59   |
| 4    |    |   | Dodecane                          | 170 | C12H26    | 000112-40-3  | 53   |
| 5    |    |   | Sulfurous acid, butyl octyl ester | 250 | C12H26O3S | 1000309-17-5 | 53   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.M  
Quant Title : SW846 8260

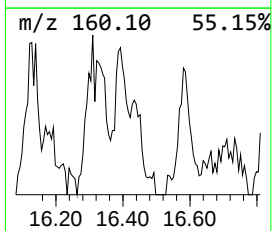
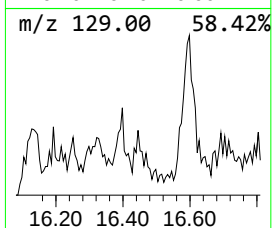
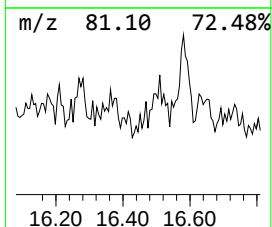
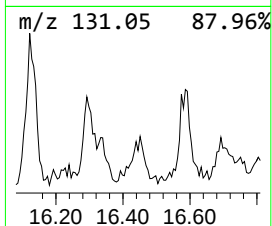
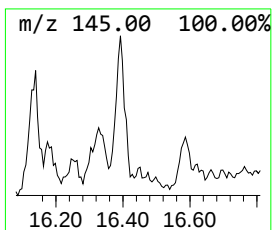
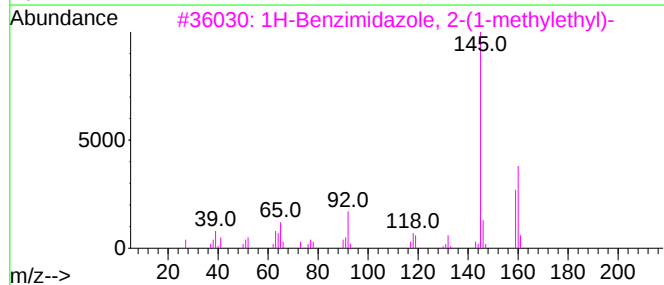
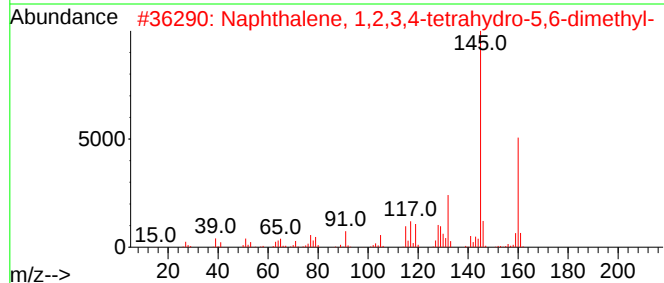
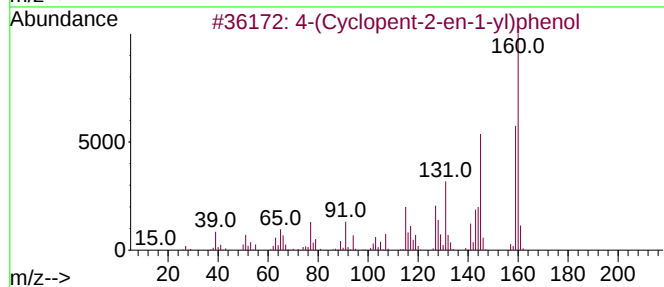
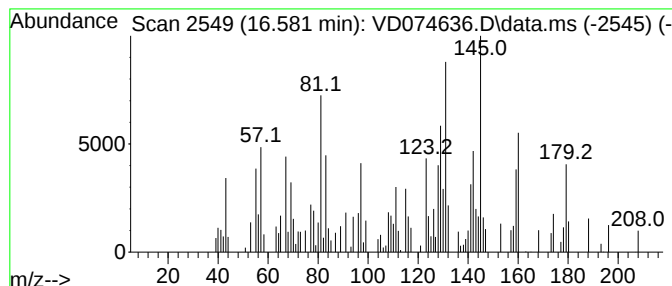
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*

Peak Number 10 4-(Cyclopent-2-en-1-yl)phenol Concentration Rank 6

| R.T.   | EstConc     | Area  | Relative to ISTD       | R.T.   |
|--------|-------------|-------|------------------------|--------|
| 16.581 | 201.91 ug/l | 62632 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 4-(Cyclopent-2-en-1-yl)phenol       | 160 | C11H12O  | 006627-84-5 | 60   |
| 2    |    |   | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16   | 020027-77-4 | 18   |
| 3    |    |   | 1H-Benzimidazole, 2-(1-methyleth... | 160 | C10H12N2 | 005851-43-4 | 18   |
| 4    |    |   | Benzene, 1-(2-butenyl)-2,3-dimet... | 160 | C12H16   | 054340-85-1 | 18   |
| 5    |    |   | 1H-Inden-1-one, 2,3-dihydro-3,3-... | 160 | C11H12O  | 026465-81-6 | 14   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102522\  
Data File : VD074636.D  
Acq On : 25 Oct 2022 16:49  
Operator : VA/SY  
Sample : N5267-10  
Misc : 5.06G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
TP4-1024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101922S.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 |
| Undecane, 2,6-d... | 14.810 | 293.2   | ug/l  | 90959    | 4                     | 13.516 | 15510 | 50.0 |
| Sulfurous acid,... | 15.298 | 368.6   | ug/l  | 114329   | 4                     | 13.516 | 15510 | 50.0 |
| 1H-Indene, 2,3-... | 15.622 | 199.0   | ug/l  | 61733    | 4                     | 13.516 | 15510 | 50.0 |
| Dodecane, 2,6,1... | 15.704 | 265.4   | ug/l  | 82332    | 4                     | 13.516 | 15510 | 50.0 |
| Benzene, (1,2-d... | 15.781 | 174.7   | ug/l  | 54188    | 4                     | 13.516 | 15510 | 50.0 |
| Naphthalene, 1,... | 15.975 | 142.0   | ug/l  | 44048    | 4                     | 13.516 | 15510 | 50.0 |
| Naphthalene, 1,... | 16.128 | 159.8   | ug/l  | 49576    | 4                     | 13.516 | 15510 | 50.0 |
| Dodecane, 2,6,1... | 16.257 | 356.1   | ug/l  | 110462   | 4                     | 13.516 | 15510 | 50.0 |
| 4-(Cyclopent-2-... | 16.581 | 201.9   | ug/l  | 62632    | 4                     | 13.516 | 15510 | 50.0 |