

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
 Data File : VD068707.D  
 Acq On : 29 Mar 2021 19:25  
 Operator : VA/SY  
 Sample : M1828-03  
 Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 FS-SB13(33-34)

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\82D031921S.M  
 Title : SW846 8260

Signal : TIC: VD068707.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         | 7.920       | 1007          | 1020        | 1025         | rBV      | 314456         | 775108        | 4.40%           | 0.526%        |
| 2         | 7.979       | 1025          | 1030        | 1044         | rVB      | 494740         | 1095398       | 6.22%           | 0.743%        |
| 3         | 8.332       | 1082          | 1090        | 1102         | rBV2     | 247448         | 573199        | 3.26%           | 0.389%        |
| 4         | 8.861       | 1172          | 1180        | 1189         | rBV      | 793409         | 1616076       | 9.18%           | 1.097%        |
| 5         | 10.338      | 1424          | 1431        | 1440         | rBV      | 1295772        | 2379235       | 13.51%          | 1.614%        |
| 6         | 11.643      | 1645          | 1653        | 1661         | rBV      | 1238397        | 2125284       | 12.07%          | 1.442%        |
| 7         | 12.626      | 1810          | 1820        | 1827         | rBV2     | 1238982        | 2633718       | 14.96%          | 1.787%        |
| 8         | 12.714      | 1829          | 1835        | 1839         | rVV5     | 118852         | 332869        | 1.89%           | 0.226%        |
| 9         | 12.767      | 1841          | 1844        | 1855         | rVB4     | 208778         | 521118        | 2.96%           | 0.354%        |
| 10        | 12.979      | 1869          | 1880        | 1886         | rBV5     | 148890         | 482151        | 2.74%           | 0.327%        |
| 11        | 13.208      | 1907          | 1919        | 1932         | rVB      | 701191         | 1603763       | 9.11%           | 1.088%        |
| 12        | 13.320      | 1932          | 1938        | 1944         | rBV      | 282282         | 488350        | 2.77%           | 0.331%        |
| 13        | 13.426      | 1946          | 1956        | 1964         | rBV      | 939091         | 1808451       | 10.27%          | 1.227%        |
| 14        | 13.573      | 1971          | 1981        | 1985         | rBV      | 1389565        | 2499064       | 14.19%          | 1.696%        |
| 15        | 13.626      | 1985          | 1990        | 2000         | rVB      | 1171942        | 2480925       | 14.09%          | 1.683%        |
| 16        | 13.785      | 2010          | 2017        | 2025         | rBV      | 479933         | 956313        | 5.43%           | 0.649%        |
| 17        | 13.890      | 2031          | 2035        | 2039         | rBV2     | 205245         | 316747        | 1.80%           | 0.215%        |
| 18        | 14.214      | 2085          | 2090        | 2094         | rBV3     | 115482         | 218722        | 1.24%           | 0.148%        |
| 19        | 14.285      | 2095          | 2102        | 2107         | rBV3     | 265281         | 619143        | 3.52%           | 0.420%        |
| 20        | 14.402      | 2107          | 2122        | 2127         | rBV7     | 1778455        | 4774259       | 27.12%          | 3.239%        |
| 21        | 14.449      | 2127          | 2130        | 2137         | rVB3     | 707111         | 930346        | 5.28%           | 0.631%        |
| 22        | 14.520      | 2137          | 2142        | 2145         | rBV3     | 919847         | 1505182       | 8.55%           | 1.021%        |
| 23        | 14.567      | 2145          | 2150        | 2154         | rVB2     | 1216284        | 1903236       | 10.81%          | 1.291%        |
| 24        | 14.620      | 2154          | 2159        | 2164         | rVB3     | 674577         | 1132837       | 6.43%           | 0.769%        |
| 25        | 14.685      | 2165          | 2170        | 2173         | rBV3     | 441260         | 881158        | 5.00%           | 0.598%        |
| 26        | 14.743      | 2175          | 2180        | 2188         | rBV2     | 4086688        | 7541334       | 42.83%          | 5.117%        |
| 27        | 14.820      | 2188          | 2193        | 2196         | rBV2     | 2061814        | 3538102       | 20.09%          | 2.401%        |
| 28        | 14.861      | 2196          | 2200        | 2208         | rVB      | 7635790        | 13226313      | 75.12%          | 8.974%        |
| 29        | 14.943      | 2210          | 2214        | 2218         | rBV5     | 1081757        | 1758850       | 9.99%           | 1.193%        |
| 30        | 14.996      | 2218          | 2223        | 2227         | rBV5     | 1849934        | 3663580       | 20.81%          | 2.486%        |
| 31        | 15.084      | 2234          | 2238        | 2243         | rVB5     | 1477994        | 2518412       | 14.30%          | 1.709%        |
| 32        | 15.190      | 2245          | 2256        | 2260         | rBV4     | 2586847        | 7718803       | 43.84%          | 5.237%        |
| 33        | 15.243      | 2261          | 2265        | 2267         | rVV      | 2629641        | 4644293       | 26.38%          | 3.151%        |
| 34        | 15.284      | 2267          | 2272        | 2279         | rVV3     | 4959829        | 11981268      | 68.05%          | 8.129%        |
| 35        | 15.361      | 2279          | 2285        | 2291         | rVB      | 10445131       | 17607308      | 100.00%         | 11.947%       |
| 36        | 15.426      | 2291          | 2296        | 2303         | rBV4     | 1992207        | 4976872       | 28.27%          | 3.377%        |

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Sample : M1828-03  
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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

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\82D031921S.M  
Title : SW846 8260

|    |        |      |      |      |      |         |          |        |        |
|----|--------|------|------|------|------|---------|----------|--------|--------|
| 37 | 15.590 | 2319 | 2324 | 2333 | rVB2 | 8356927 | 14189932 | 80.59% | 9.628% |
| 38 | 15.667 | 2334 | 2337 | 2339 | rBV4 | 1033656 | 1421034  | 8.07%  | 0.964% |
| 39 | 15.773 | 2351 | 2355 | 2362 | rVB4 | 3129781 | 6122078  | 34.77% | 4.154% |
| 40 | 16.261 | 2435 | 2438 | 2445 | rVB2 | 2018425 | 3726452  | 21.16% | 2.528% |
| 41 | 16.337 | 2446 | 2451 | 2460 | rVB  | 2585817 | 5254216  | 29.84% | 3.565% |
| 42 | 16.549 | 2482 | 2487 | 2492 | rBV  | 1654748 | 2840611  | 16.13% | 1.927% |

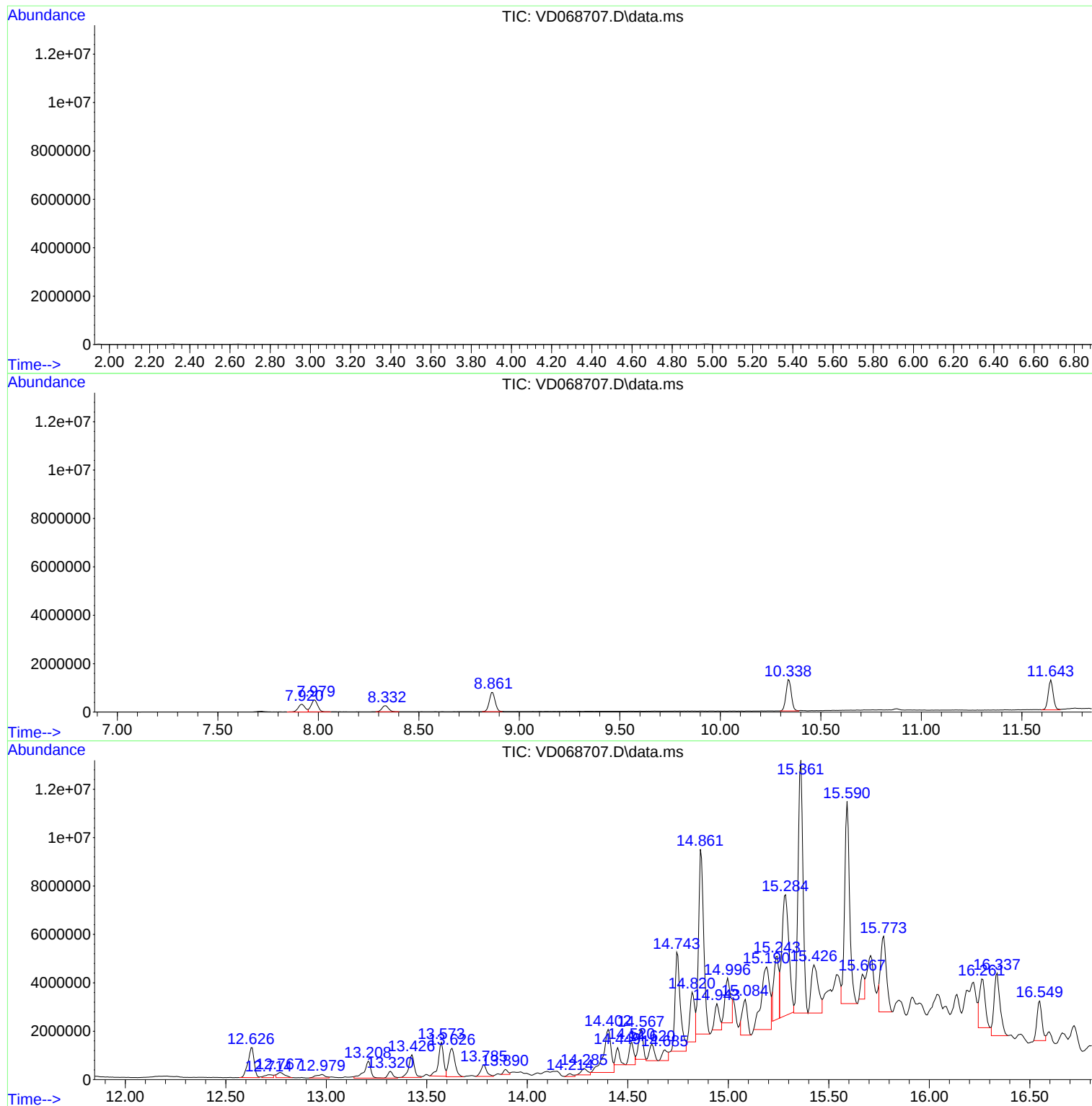
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Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
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Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
Data File : VD068707.D  
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Operator : VA/SY  
Sample : M1828-03  
Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260

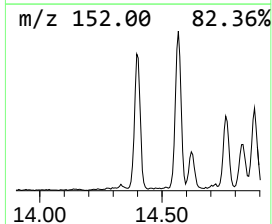
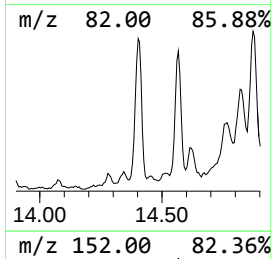
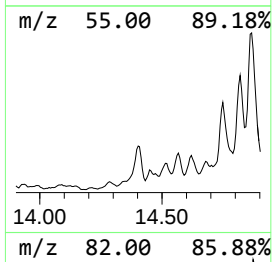
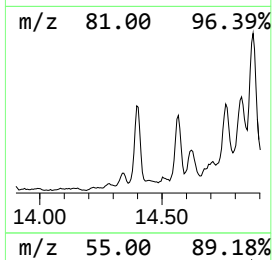
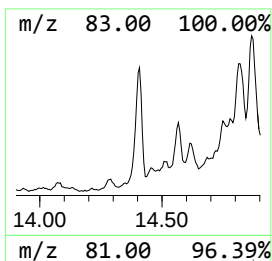
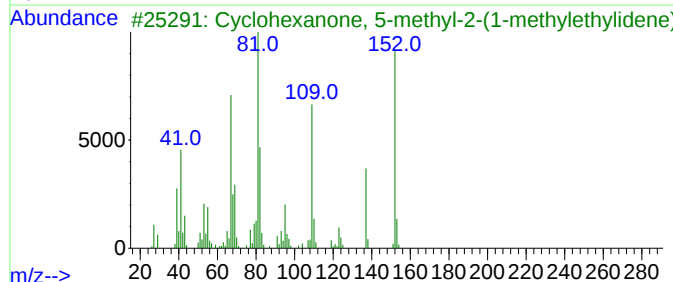
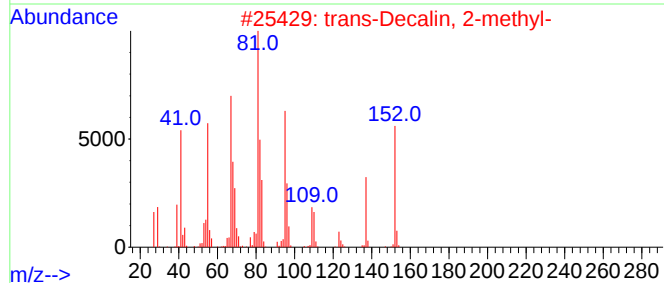
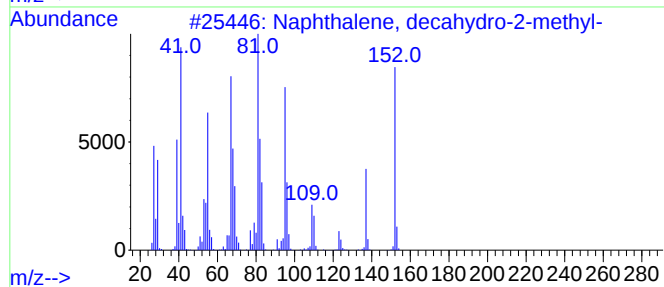
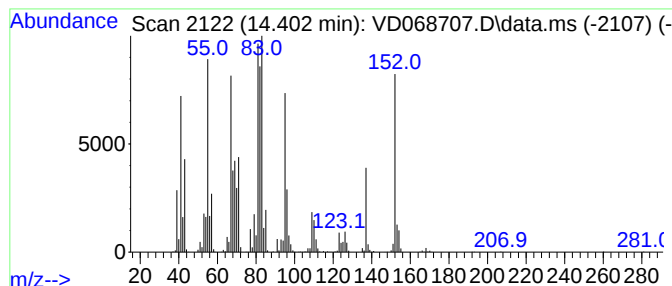
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 1 Naphthalene, decahydro-2-me... Concentration Rank 10

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 14.402 | 95.52 ug/l | 4774260 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|---------|--------------|------|
| 1    |    |   | Naphthalene, decahydro-2-methyl-    | 152 | C11H20  | 002958-76-1  | 97   |
| 2    |    |   | trans-Decalin, 2-methyl-            | 152 | C11H20  | 1000152-47-3 | 95   |
| 3    |    |   | Cyclohexanone, 5-methyl-2-(1-met... | 152 | C10H16O | 015932-80-6  | 49   |
| 4    |    |   | Decalin, anti-1-methyl-, cis-       | 152 | C11H20  | 1000158-89-0 | 49   |
| 5    |    |   | cis-Decalin, 2-syn-methyl-          | 152 | C11H20  | 1000155-85-6 | 49   |



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Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260

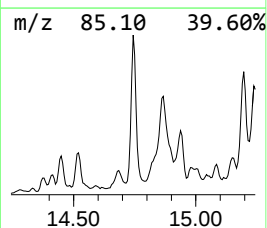
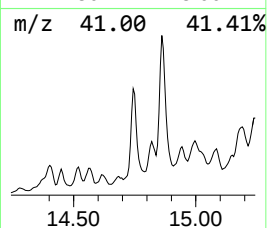
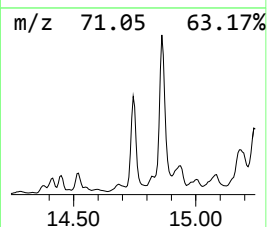
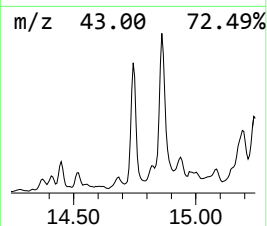
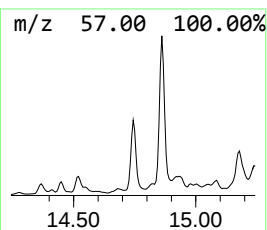
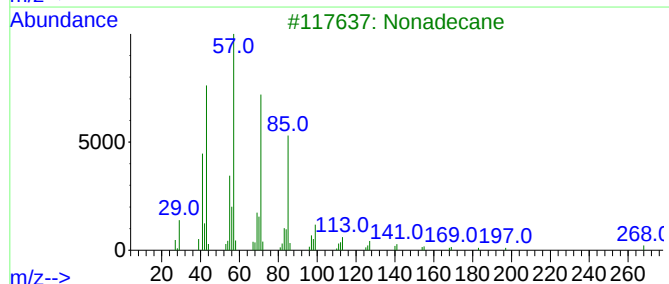
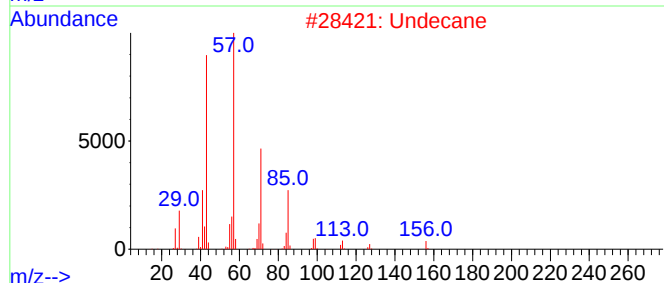
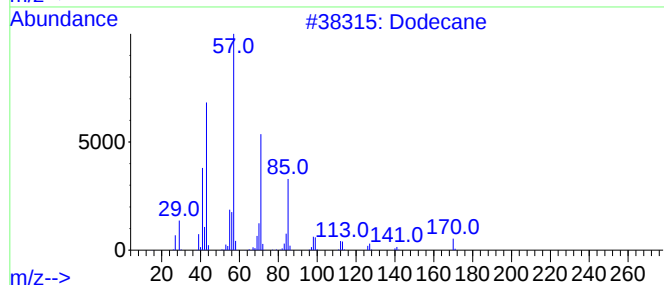
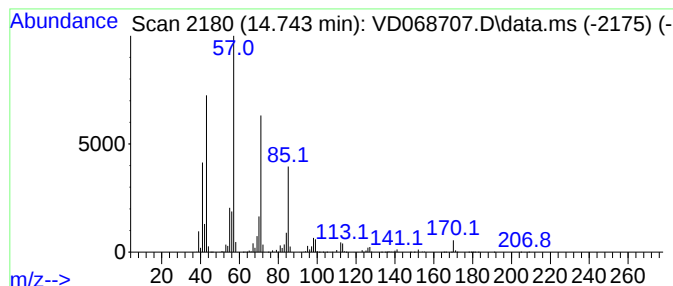
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 2 Dodecane Concentration Rank 6

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 14.743 | 150.88 ug/l | 7541330 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Dodecane                            | 170 | C12H26    | 000112-40-3  | 93   |
| 2    |    |   | Undecane                            | 156 | C11H24    | 001120-21-4  | 80   |
| 3    |    |   | Nonadecane                          | 268 | C19H40    | 000629-92-5  | 78   |
| 4    |    |   | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 72   |
| 5    |    |   | Sulfurous acid, hexyl pentyl ester  | 236 | C11H24O3S | 1000309-14-1 | 64   |



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Sample : M1828-03  
Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

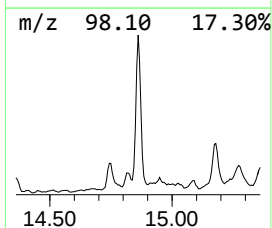
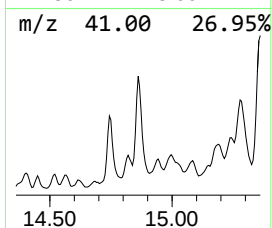
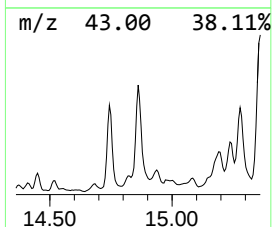
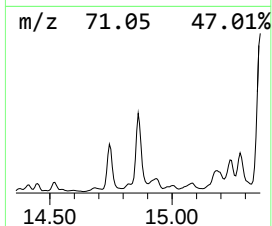
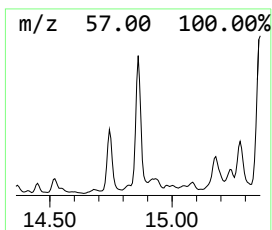
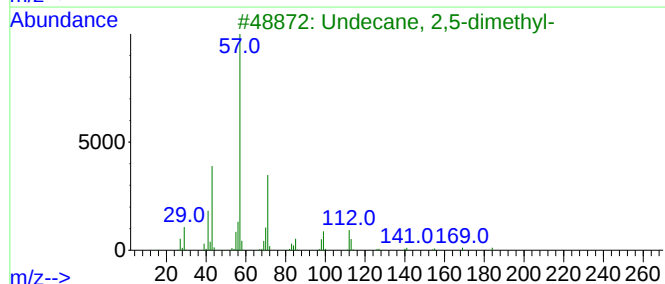
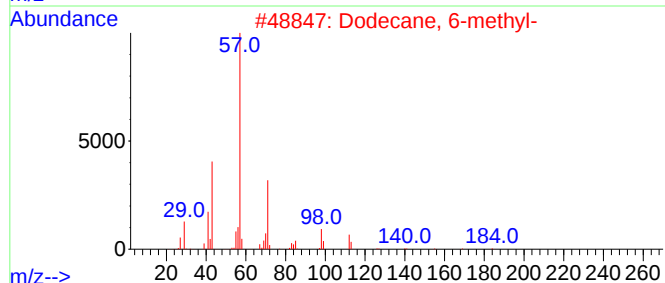
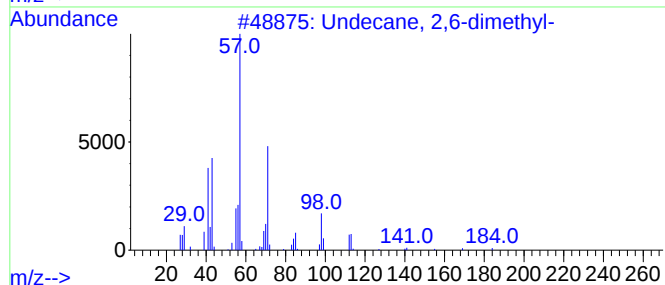
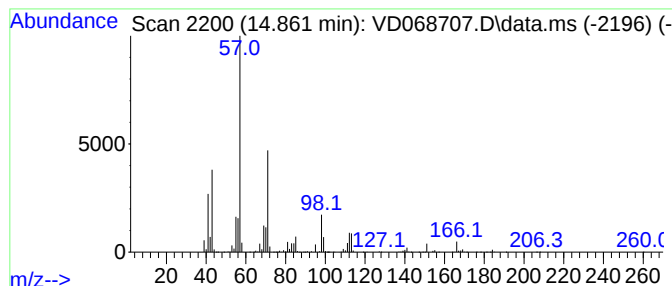
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 3 Undecane, 2,6-dimethyl- Concentration Rank 3

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 14.861 | 264.63 ug/l | 13226300 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Undecane, 2,6-dimethyl-             | 184 | C13H28    | 017301-23-4  | 95   |
| 2    |    |   | Dodecane, 6-methyl-                 | 184 | C13H28    | 006044-71-9  | 64   |
| 3    |    |   | Undecane, 2,5-dimethyl-             | 184 | C13H28    | 017301-22-3  | 60   |
| 4    |    |   | Sulfurous acid, butyl 2-ethylhex... | 250 | C12H26O3S | 1000309-18-8 | 50   |
| 5    |    |   | Heptacosane                         | 380 | C27H56    | 000593-49-7  | 50   |



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ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260

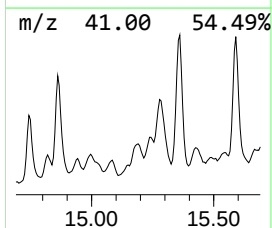
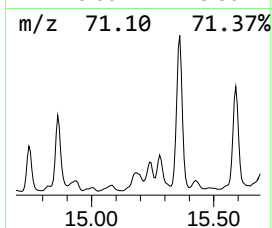
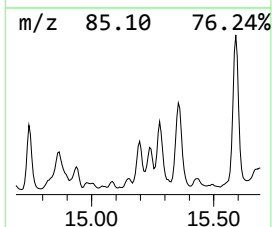
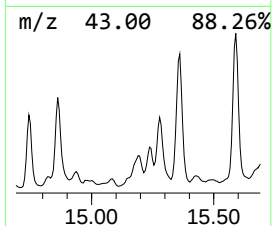
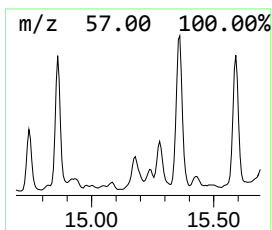
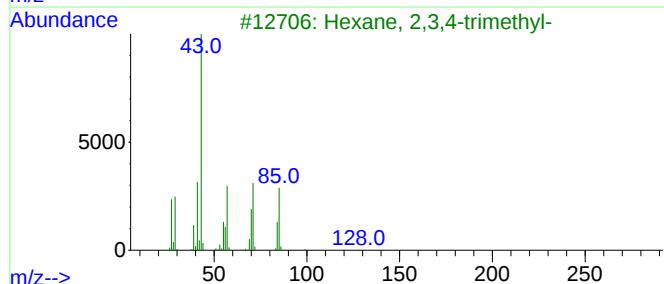
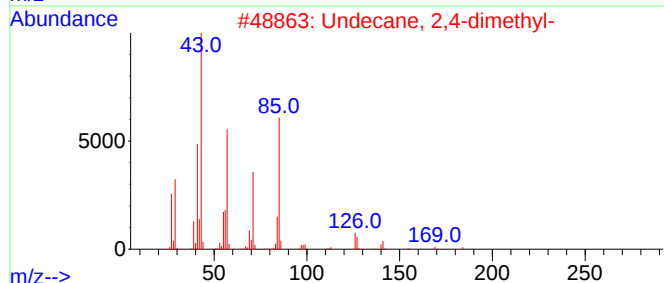
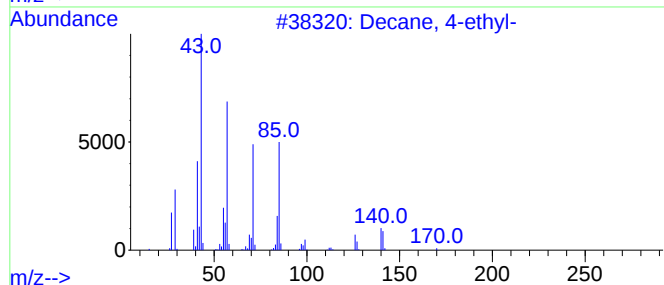
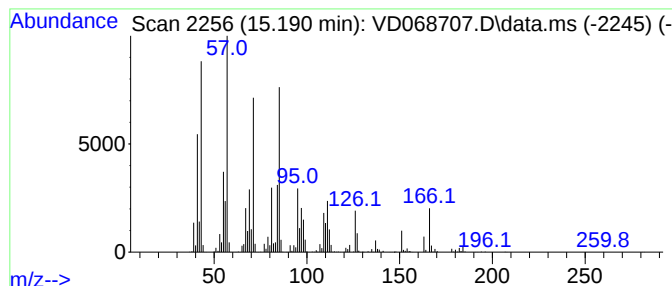
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 unknown15.190 Concentration Rank 5

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 15.190 | 154.43 ug/l | 7718800 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Decane, 4-ethyl-                    | 170 | C12H26    | 001636-44-8  | 43   |
| 2    |    |   | Undecane, 2,4-dimethyl-             | 184 | C13H28    | 017312-80-0  | 43   |
| 3    |    |   | Hexane, 2,3,4-trimethyl-            | 128 | C9H20     | 000921-47-1  | 43   |
| 4    |    |   | 1H-Pyrazole-5-carboxaldehyde, 1-... | 180 | C9H12N2O2 | 1000337-68-9 | 38   |
| 5    |    |   | Sulfurous acid, 2-ethylhexyl iso... | 278 | C14H30O3S | 1000309-19-0 | 38   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
Data File : VD068707.D  
Acq On : 29 Mar 2021 19:25  
Operator : VA/SY  
Sample : M1828-03  
Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

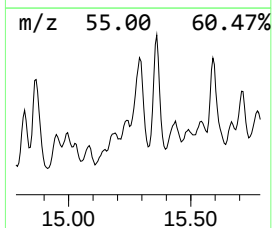
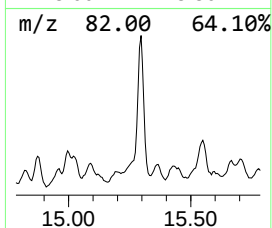
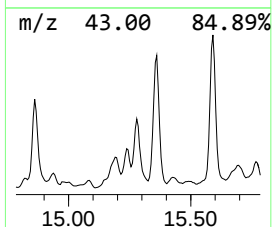
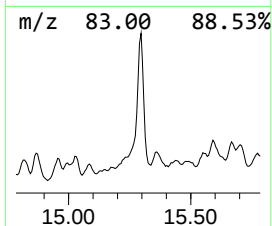
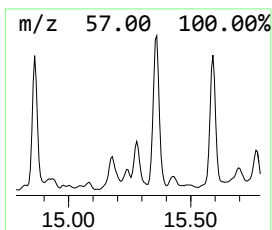
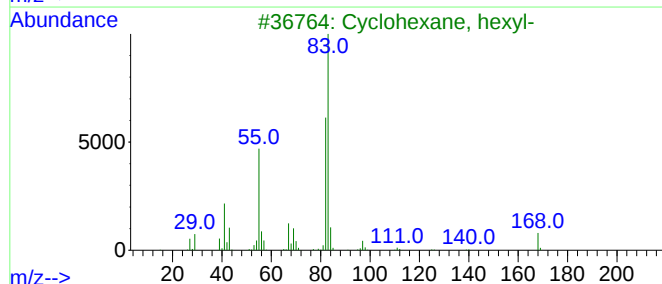
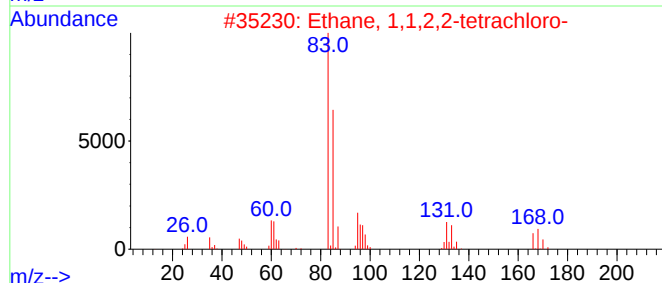
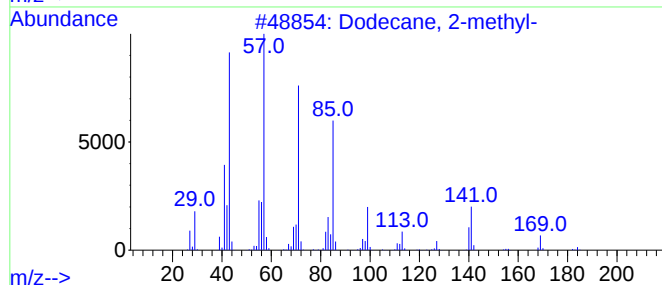
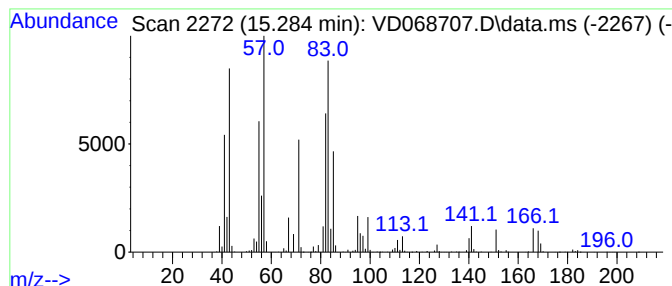
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Dodecane, 2-methyl- Concentration Rank 4

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 15.285 | 239.72 ug/l | 11981300 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------|-----|---------|-------------|------|
| 1    |    |   | Dodecane, 2-methyl-          | 184 | C13H28  | 001560-97-0 | 55   |
| 2    |    |   | Ethane, 1,1,2,2-tetrachloro- | 166 | C2H2Cl4 | 000079-34-5 | 43   |
| 3    |    |   | Cyclohexane, hexyl-          | 168 | C12H24  | 004292-75-5 | 43   |
| 4    |    |   | Cyclohexane, butyl-          | 140 | C10H20  | 001678-93-9 | 35   |
| 5    |    |   | Cyclohexane, octyl-          | 196 | C14H28  | 001795-15-9 | 35   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
Data File : VD068707.D  
Acq On : 29 Mar 2021 19:25  
Operator : VA/SY  
Sample : M1828-03  
Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260

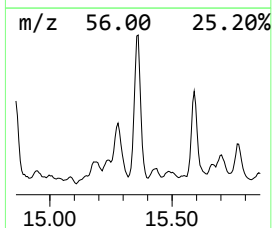
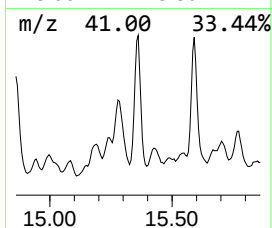
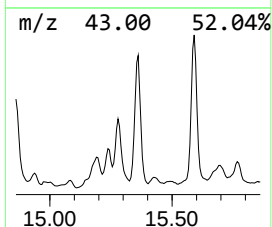
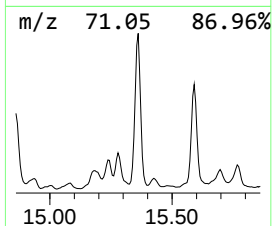
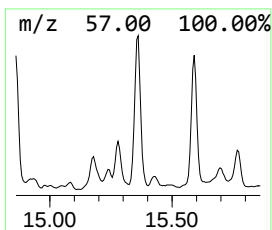
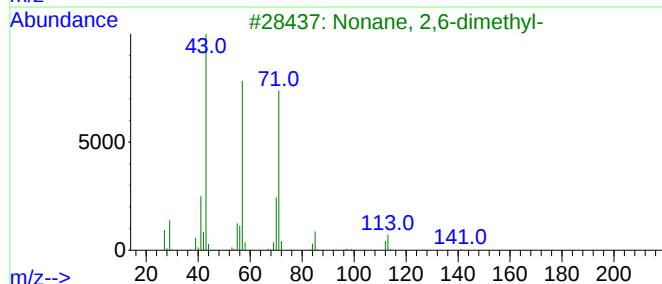
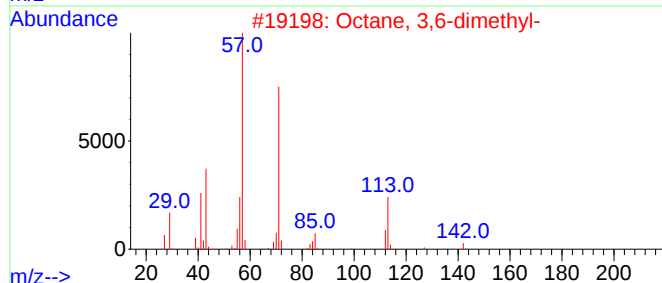
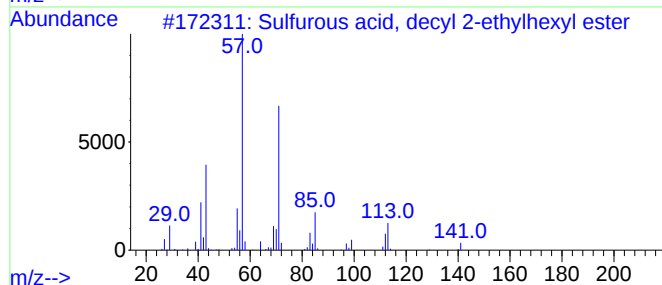
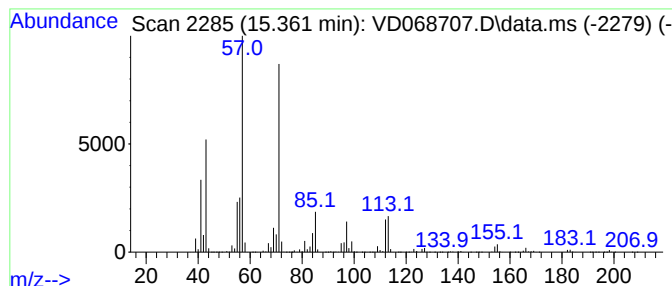
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Sulfurous acid, decyl 2-eth... Concentration Rank 1

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 15.361 | 352.28 ug/l | 17607300 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Sulfurous acid, decyl 2-ethylhex... | 334 | C18H38O3S | 1000309-19-3 | 80   |
| 2    |    |   | Octane, 3,6-dimethyl-               | 142 | C10H22    | 015869-94-0  | 64   |
| 3    |    |   | Nonane, 2,6-dimethyl-               | 156 | C11H24    | 017302-28-2  | 59   |
| 4    |    |   | Oxalic acid, bis(2-ethylhexyl) e... | 314 | C18H34O4  | 1000309-39-0 | 58   |
| 5    |    |   | Tridecane, 7-methyl-                | 198 | C14H30    | 026730-14-3  | 58   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
Data File : VD068707.D  
Acq On : 29 Mar 2021 19:25  
Operator : VA/SY  
Sample : M1828-03  
Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

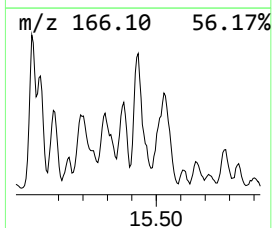
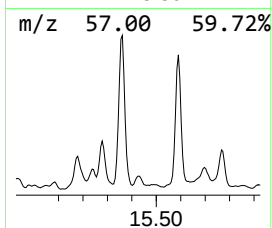
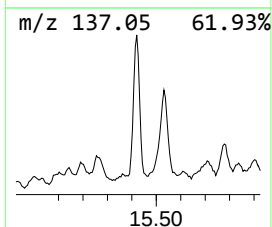
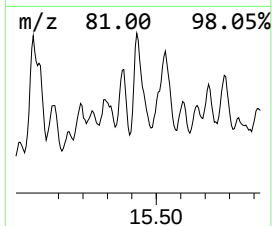
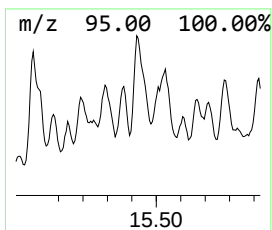
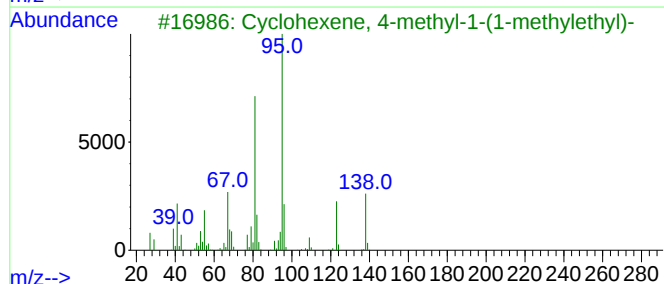
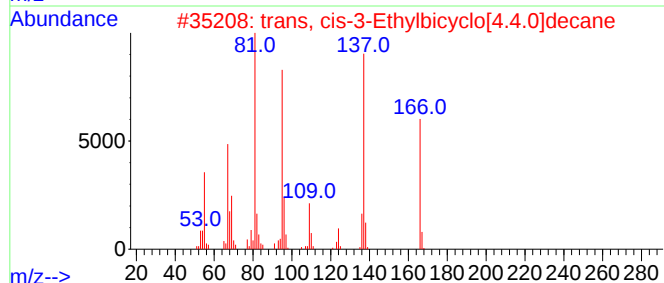
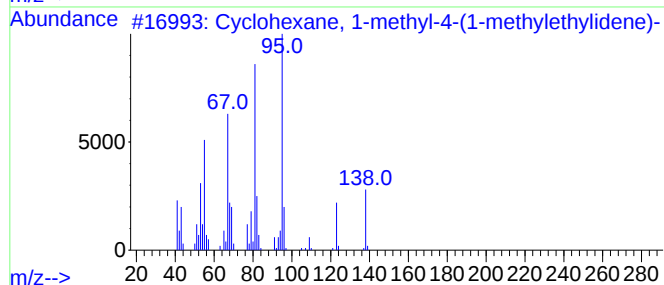
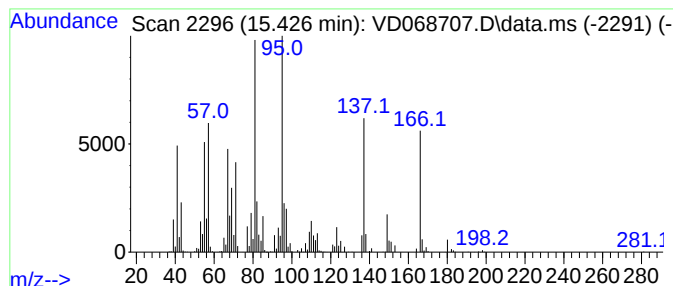
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 9

| R.T.   | EstConc    | Area    | Relative to ISTD       | R.T.   |
|--------|------------|---------|------------------------|--------|
| 15.426 | 99.57 ug/l | 4976870 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Cyclohexane, 1-methyl-4-(1-methy... | 138 | C10H18  | 001124-27-2 | 92   |
| 2    |    |   | trans, cis-3-Ethylbicyclo[4.4.0]... | 166 | C12H22  | 066660-43-3 | 62   |
| 3    |    |   | Cyclohexene, 4-methyl-1-(1-methy... | 138 | C10H18  | 000500-00-5 | 60   |
| 4    |    |   | Naphthalene, decahydro-2,6-dimet... | 166 | C12H22  | 001618-22-0 | 58   |
| 5    |    |   | Bicyclo[3.1.0]hexan-2-one, 5-(1-... | 138 | C9H14O  | 000513-20-2 | 45   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
Data File : VD068707.D  
Acq On : 29 Mar 2021 19:25  
Operator : VA/SY  
Sample : M1828-03  
Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260

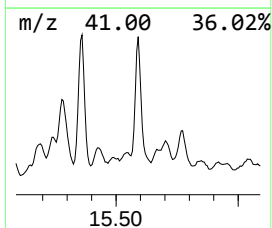
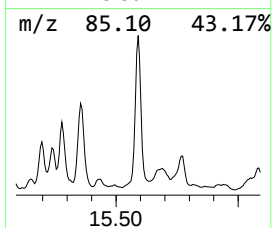
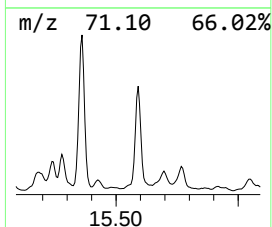
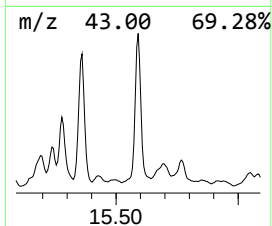
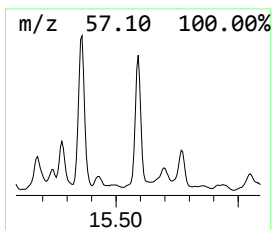
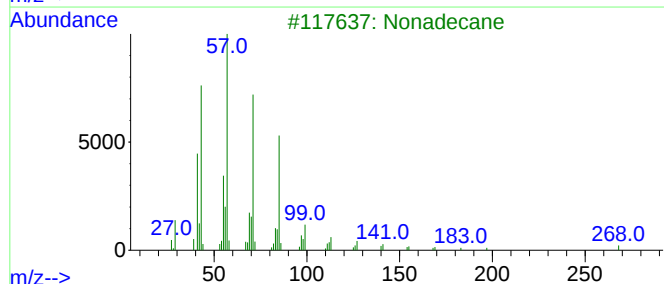
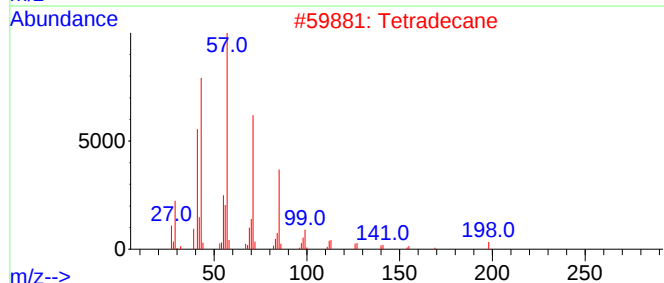
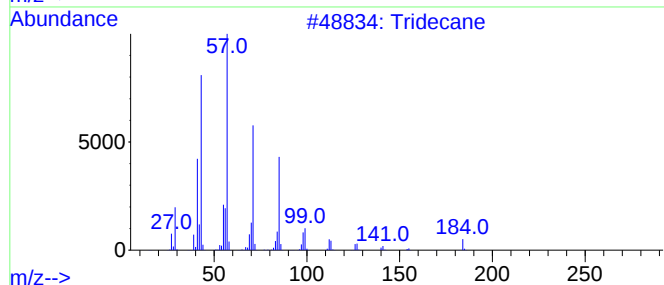
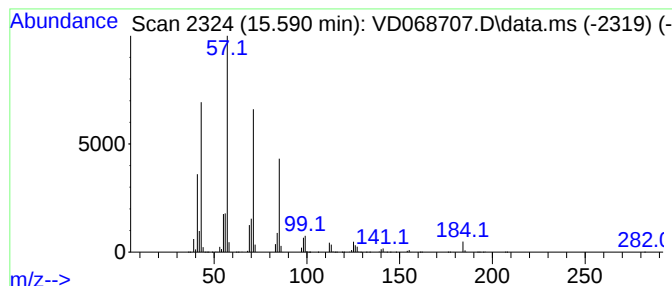
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TIC Integration Parameters: LSCINT.P

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Peak Number 8 Tridecane Concentration Rank 2

| R.T.   | EstConc     | Area     | Relative to ISTD       | R.T.   |
|--------|-------------|----------|------------------------|--------|
| 15.590 | 283.90 ug/l | 14189900 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|------|----|---|--------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane                | 184 | C13H28  | 000629-50-5 | 96   |
| 2    |    |   | Tetradecane              | 198 | C14H30  | 000629-59-4 | 86   |
| 3    |    |   | Nonadecane               | 268 | C19H40  | 000629-92-5 | 86   |
| 4    |    |   | Octane, 2,3,3-trimethyl- | 156 | C11H24  | 062016-30-2 | 72   |
| 5    |    |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 72   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
Data File : VD068707.D  
Acq On : 29 Mar 2021 19:25  
Operator : VA/SY  
Sample : M1828-03  
Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

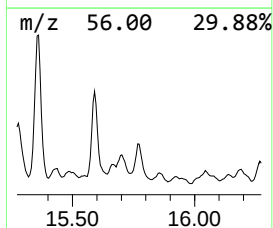
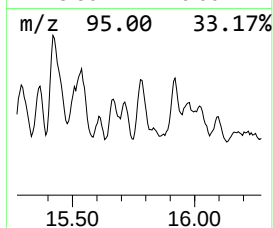
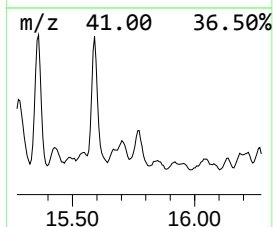
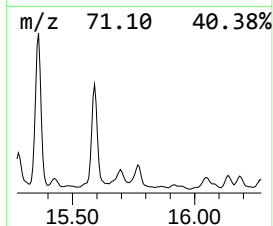
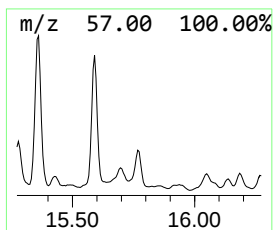
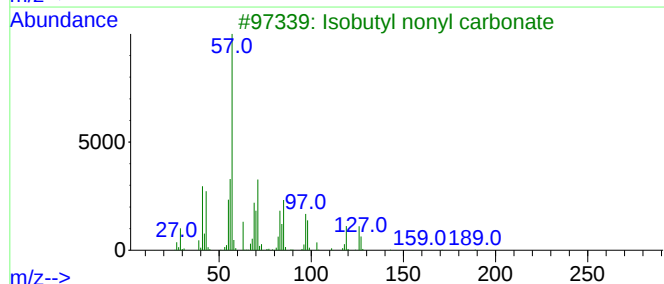
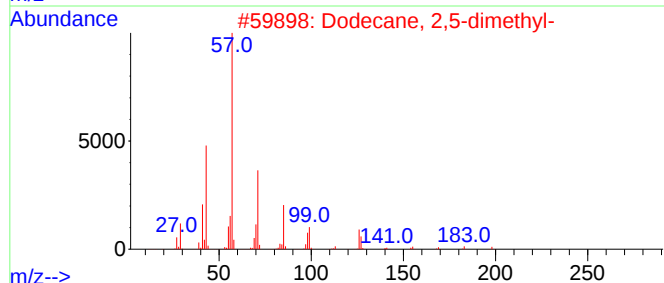
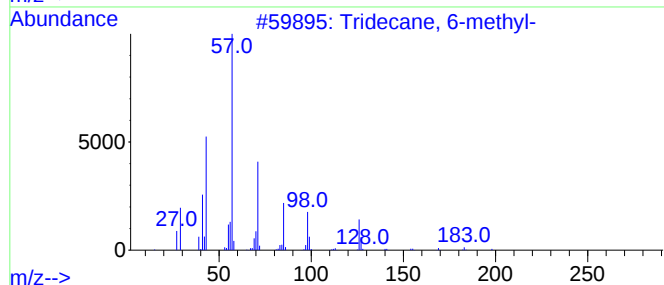
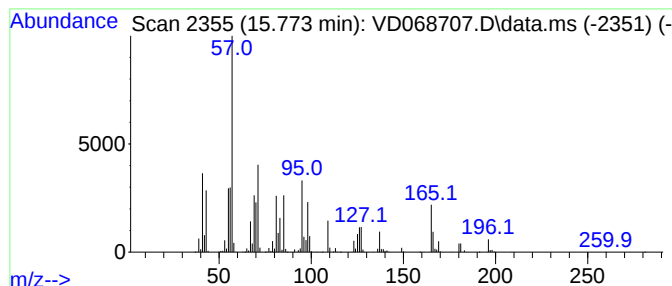
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 9 Tridecane, 6-methyl- Concentration Rank 7

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 15.773 | 122.49 ug/l | 6122080 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID                      | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-----------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Tridecane, 6-methyl-              | 198 | C14H30    | 013287-21-3  | 55   |
| 2    |    |   | Dodecane, 2,5-dimethyl-           | 198 | C14H30    | 056292-65-0  | 43   |
| 3    |    |   | Isobutyl nonyl carbonate          | 244 | C14H28O3  | 959311-27-4  | 43   |
| 4    |    |   | Decane, 2,2,8-trimethyl-          | 184 | C13H28    | 062238-01-1  | 35   |
| 5    |    |   | Sulfurous acid, butyl nonyl ester | 264 | C13H28O3S | 1000309-17-6 | 32   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
Data File : VD068707.D  
Acq On : 29 Mar 2021 19:25  
Operator : VA/SY  
Sample : M1828-03  
Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
FS-SB13(33-34)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
Quant Title : SW846 8260

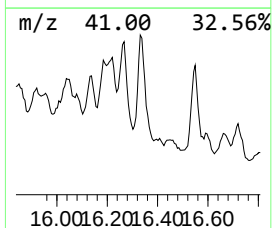
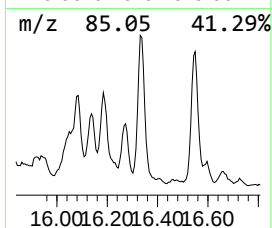
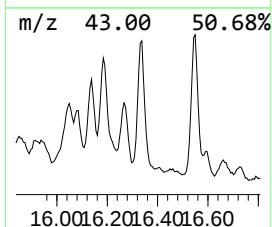
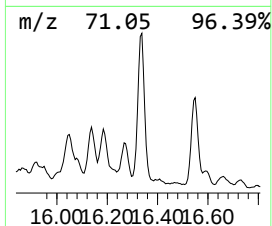
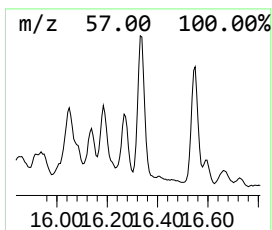
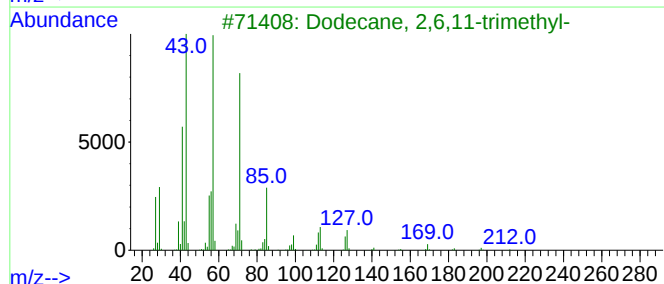
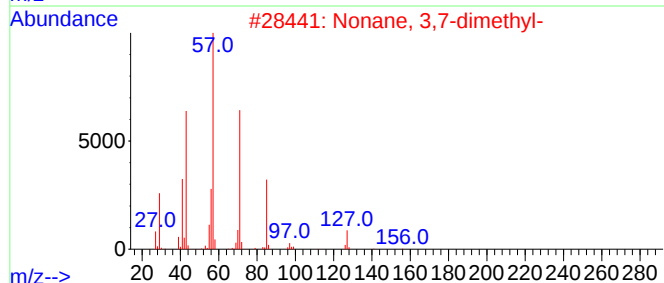
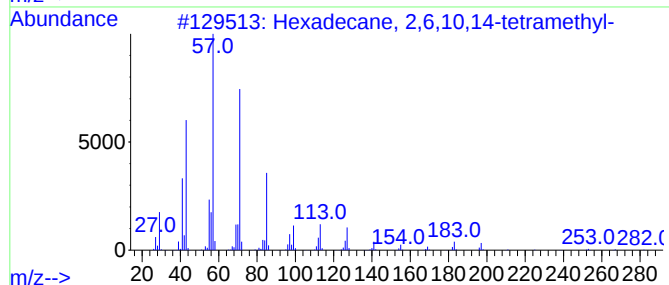
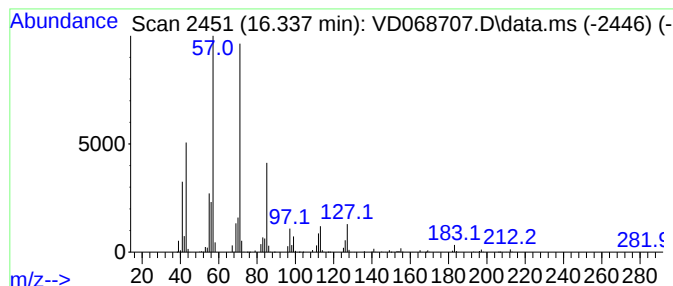
TIC Library : C:\Database\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 10 Hexadecane, 2,6,10,14-tetra... Concentration Rank 8

| R.T.   | EstConc     | Area    | Relative to ISTD       | R.T.   |
|--------|-------------|---------|------------------------|--------|
| 16.337 | 105.12 ug/l | 5254220 | 1,4-Dichlorobenzene-d4 | 13.573 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm | CAS#        | Qual |
|------|----|---|------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Hexadecane, 2,6,10,14-tetramethyl- | 282 | C20H42  | 000638-36-8 | 90   |
| 2    |    |   | Nonane, 3,7-dimethyl-              | 156 | C11H24  | 017302-32-8 | 87   |
| 3    |    |   | Dodecane, 2,6,11-trimethyl-        | 212 | C15H32  | 031295-56-4 | 86   |
| 4    |    |   | Tetradecane, 4-methyl-             | 212 | C15H32  | 025117-24-2 | 80   |
| 5    |    |   | Dodecane, 2,6,10-trimethyl-        | 212 | C15H32  | 003891-98-3 | 80   |



Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD032921\  
 Data File : VD068707.D  
 Acq On : 29 Mar 2021 19:25  
 Operator : VA/SY  
 Sample : M1828-03  
 Misc : 6.76G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 FS-SB13(33-34)

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031921S.M  
 Quant Title : SW846 8260

TIC Library : C:\Database\NIST11.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name   | RT     | EstConc | Units | Response | --Internal Standard-- |        |         |      |
|--------------------|--------|---------|-------|----------|-----------------------|--------|---------|------|
|                    |        |         |       |          | #                     | RT     | Resp    | Conc |
| Naphthalene, de... | 14.402 | 95.5    | ug/l  | 4774260  | 4                     | 13.573 | 2499060 | 50.0 |
| Dodecane           | 14.743 | 150.9   | ug/l  | 7541330  | 4                     | 13.573 | 2499060 | 50.0 |
| Undecane, 2,6-d... | 14.861 | 264.6   | ug/l  | 13226300 | 4                     | 13.573 | 2499060 | 50.0 |
| unknown15.190      | 15.190 | 154.4   | ug/l  | 7718800  | 4                     | 13.573 | 2499060 | 50.0 |
| Dodecane, 2-met... | 15.285 | 239.7   | ug/l  | 11981300 | 4                     | 13.573 | 2499060 | 50.0 |
| Sulfurous acid,... | 15.361 | 352.3   | ug/l  | 17607300 | 4                     | 13.573 | 2499060 | 50.0 |
| Cyclohexane, 1-... | 15.426 | 99.6    | ug/l  | 4976870  | 4                     | 13.573 | 2499060 | 50.0 |
| Tridecane          | 15.590 | 283.9   | ug/l  | 14189900 | 4                     | 13.573 | 2499060 | 50.0 |
| Tridecane, 6-me... | 15.773 | 122.5   | ug/l  | 6122080  | 4                     | 13.573 | 2499060 | 50.0 |
| Hexadecane, 2,6... | 16.337 | 105.1   | ug/l  | 5254220  | 4                     | 13.573 | 2499060 | 50.0 |