

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD102423\  
 Data File : VD077398.D  
 Acq On : 24 Oct 2023 16:48  
 Operator : JC/SY  
 Sample : 05011-05  
 Misc : 5.03G/5.0ml/MSVOA\_D/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 RBR-24313

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\82D101723S.M

Title : SW846 8260

Signal : TIC: VD077398.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         | 1.740       | 13            | 26          | 40           | rBV      | 966809         | 1701249       | 100.00%         | 32.880%       |
| 2         | 4.805       | 536           | 547         | 559          | rVB3     | 16362          | 48376         | 2.84%           | 0.935%        |
| 3         | 7.069       | 921           | 932         | 942          | rBV2     | 29744          | 91818         | 5.40%           | 1.775%        |
| 4         | 7.810       | 1048          | 1058        | 1063         | rBV2     | 92209          | 228870        | 13.45%          | 4.423%        |
| 5         | 7.875       | 1063          | 1069        | 1079         | rVB      | 147548         | 341645        | 20.08%          | 6.603%        |
| 6         | 8.234       | 1118          | 1130        | 1141         | rBV2     | 78338          | 179243        | 10.54%          | 3.464%        |
| 7         | 8.781       | 1214          | 1223        | 1235         | rBV      | 237020         | 489832        | 28.79%          | 9.467%        |
| 8         | 10.269      | 1468          | 1476        | 1484         | rBV      | 264929         | 489248        | 28.76%          | 9.456%        |
| 9         | 10.663      | 1535          | 1543        | 1550         | rBV      | 26036          | 57116         | 3.36%           | 1.104%        |
| 10        | 11.028      | 1601          | 1605        | 1615         | rVB      | 31072          | 56247         | 3.31%           | 1.087%        |
| 11        | 11.581      | 1693          | 1699        | 1710         | rBV      | 294559         | 517924        | 30.44%          | 10.010%       |
| 12        | 12.575      | 1863          | 1868        | 1875         | rVB2     | 181167         | 321319        | 18.89%          | 6.210%        |
| 13        | 13.451      | 2011          | 2017        | 2019         | rBV7     | 21423          | 43135         | 2.54%           | 0.834%        |
| 14        | 13.516      | 2023          | 2028        | 2036         | rVB      | 199344         | 334516        | 19.66%          | 6.465%        |
| 15        | 13.669      | 2045          | 2054        | 2067         | rVB6     | 60896          | 233497        | 13.73%          | 4.513%        |
| 16        | 13.839      | 2075          | 2083        | 2084         | rBV8     | 18877          | 40114         | 2.36%           | 0.775%        |

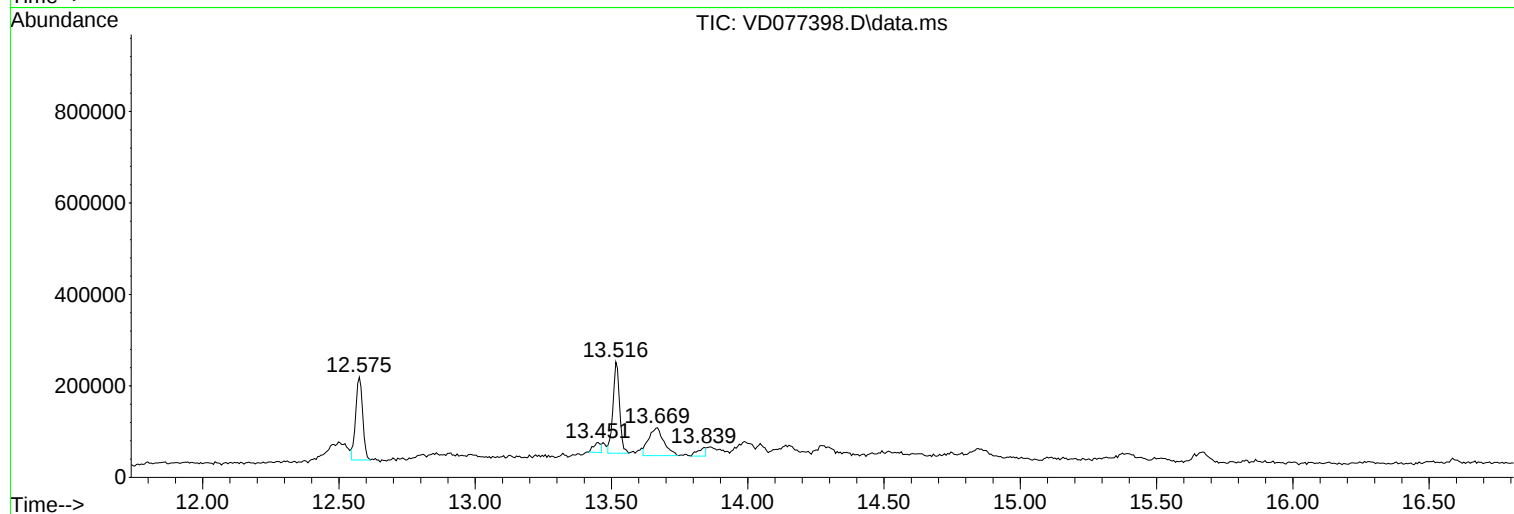
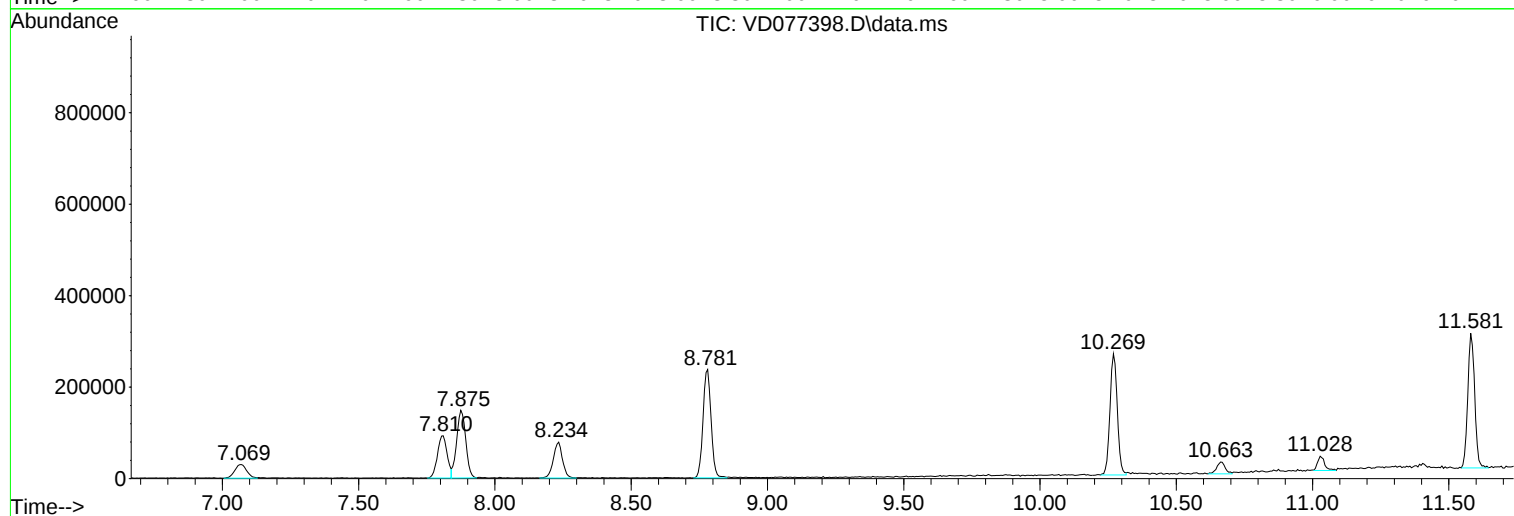
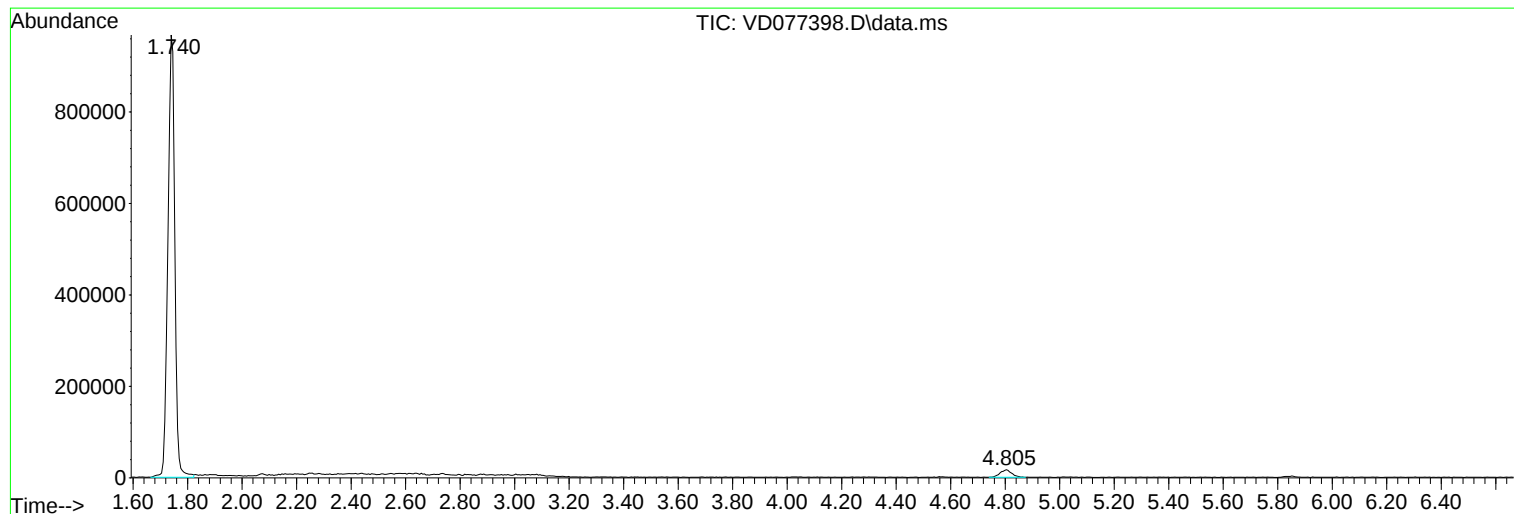
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
RBR-24313

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101723S.M  
Quant Title : SW846 8260

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



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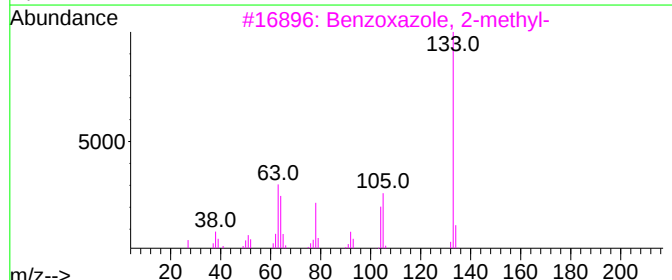
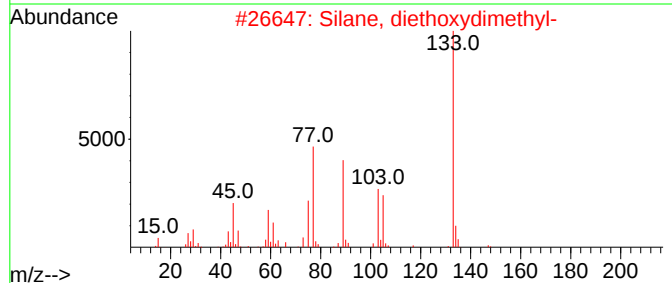
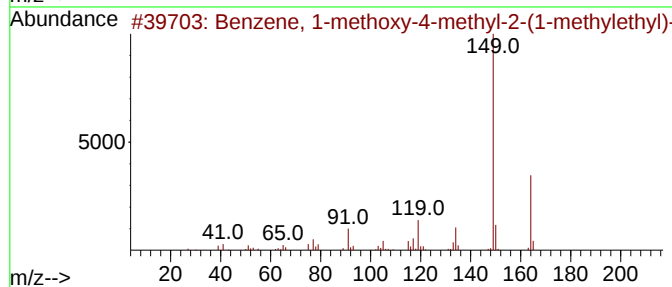
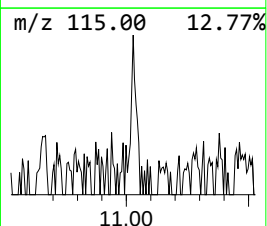
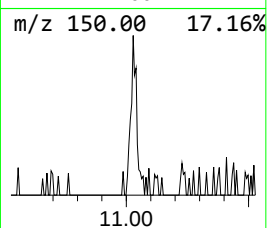
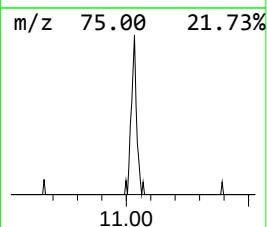
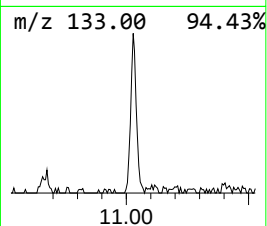
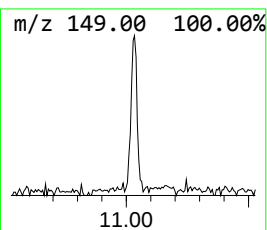
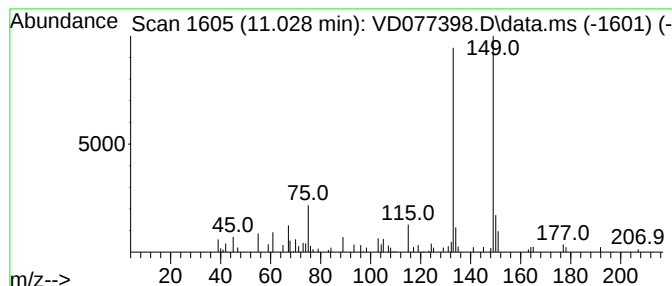
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101723S.M  
Quant Title : SW846 8260

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

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Peak Number 5 unknown11.028 Concentration Rank 8

| R.T.   | EstConc   | Area  | Relative to ISTD | R.T.   |
|--------|-----------|-------|------------------|--------|
| 11.028 | 5.43 ug/l | 56247 | Chlorobenzene-d5 | 11.581 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | Benzene, 1-methoxy-4-methyl-2-(1... | 164 | C11H16O   | 031574-44-4  | 35   |
| 2    |    |   | Silane, diethoxydimethyl-           | 148 | C6H16O2Si | 000078-62-6  | 32   |
| 3    |    |   | Benzoxazole, 2-methyl-              | 133 | C8H7NO    | 000095-21-6  | 27   |
| 4    |    |   | Benzene, 2-methoxy-4-methyl-1-(1... | 164 | C11H16O   | 001076-56-8  | 25   |
| 5    |    |   | 1-(3-hydroxy-4-isobutylphenyl)et... | 192 | C12H16O2  | 1000455-56-4 | 25   |



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MSVOA\_D  
ClientSampleId :  
RBR-24313

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101723S.M  
Quant Title : SW846 8260

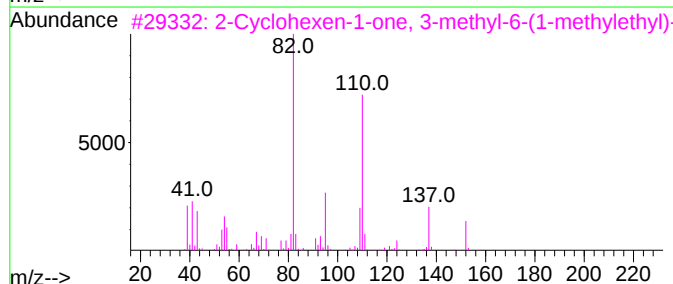
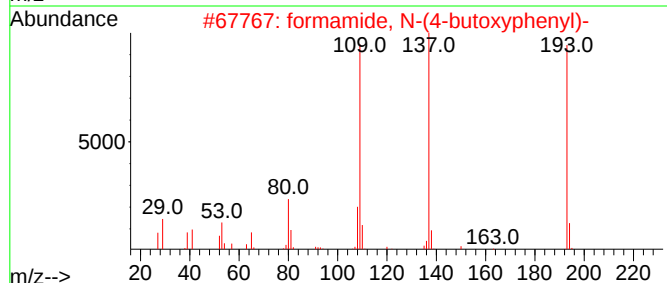
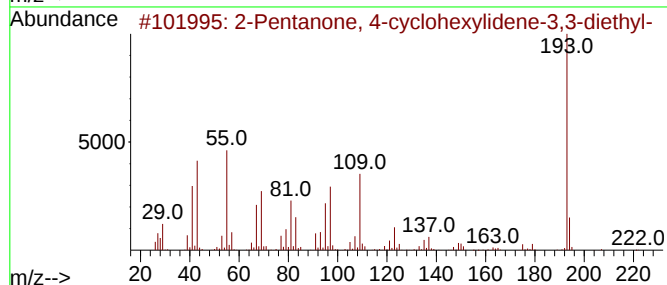
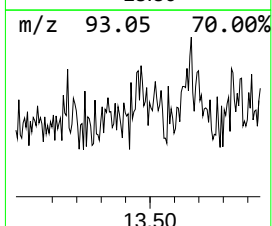
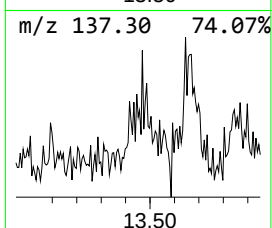
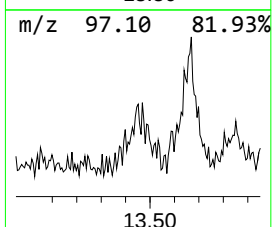
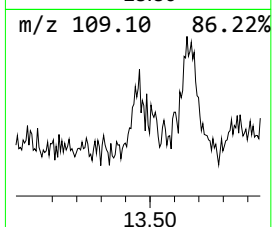
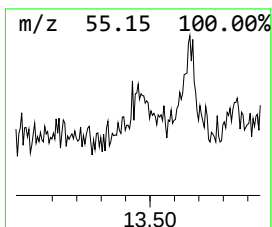
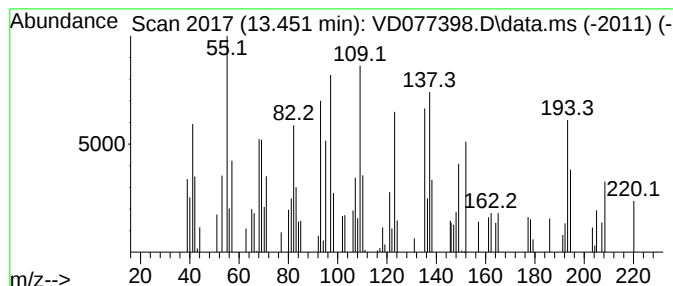
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 6 unknown13.451 Concentration Rank 5

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.451 | 6.45 ug/l | 43135 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|-----------|--------------|------|
| 1    |    |   | 2-Pentanone, 4-cyclohexylidene-3... | 222 | C15H26O   | 313253-65-5  | 35   |
| 2    |    |   | formamide, N-(4-butoxyphenyl)-      | 193 | C11H15NO2 | 1000400-28-0 | 30   |
| 3    |    |   | 2-Cyclohexen-1-one, 3-methyl-6-(... | 152 | C10H16O   | 000089-81-6  | 27   |
| 4    |    |   | 2,4,6,6-Tetramethyl-10-methylene... | 208 | C14H24O   | 054386-39-9  | 20   |
| 5    |    |   | 1(2H)-Naphthalenone, octahydro-,... | 152 | C10H16O   | 021370-71-8  | 18   |



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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :  
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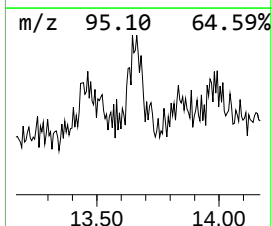
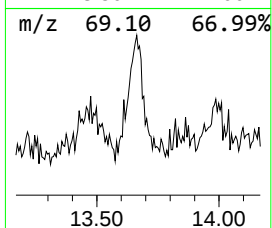
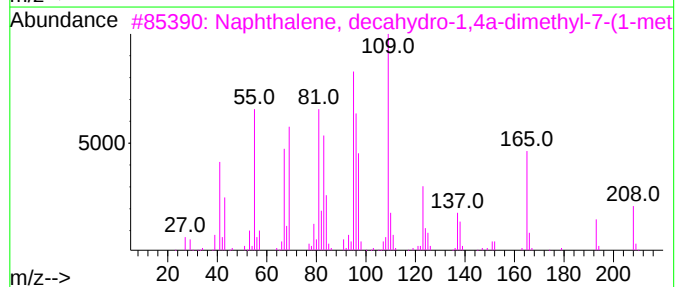
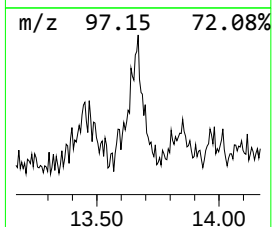
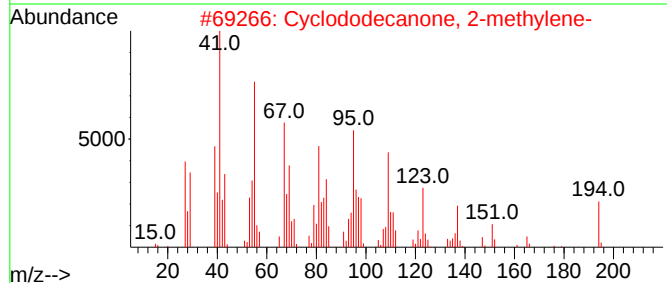
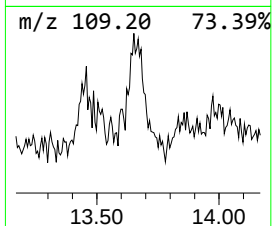
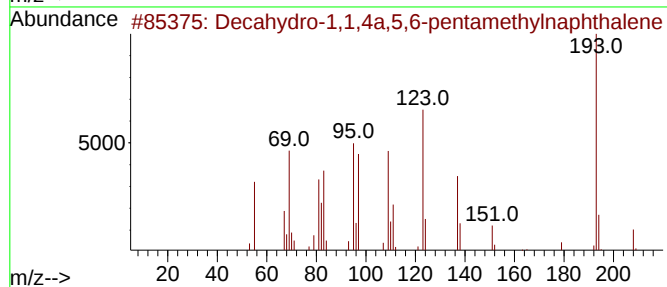
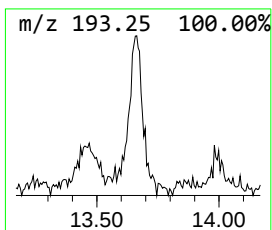
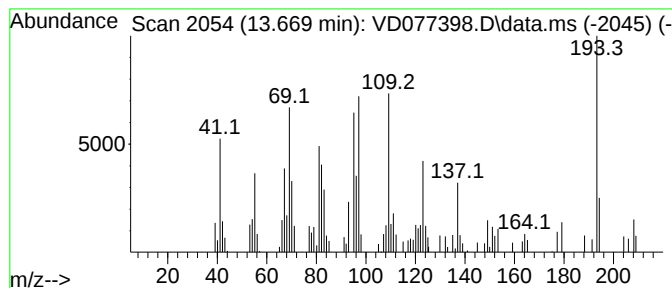
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101723S.M  
Quant Title : SW846 8260

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

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Peak Number 7 Decahydro-1,1,4a,5,6-pentam... Concentration Rank 2

| R.T.      | EstConc                             | Area   | Relative to ISTD       |         | R.T.        |      |
|-----------|-------------------------------------|--------|------------------------|---------|-------------|------|
| 13.669    | 34.90 ug/l                          | 233497 | 1,4-Dichlorobenzene-d4 |         | 13.516      |      |
| Hit# of 5 | Tentative ID                        |        | MW                     | MolForm | CAS#        | Qual |
| 1         | Decahydro-1,1,4a,5,6-pentamethyl... |        | 208                    | C15H28  | 080655-44-3 | 80   |
| 2         | Cyclododecanone, 2-methylene-       |        | 194                    | C13H22O | 003045-76-9 | 50   |
| 3         | Naphthalene, decahydro-1,4a-dime... |        | 208                    | C15H28  | 030824-81-8 | 50   |
| 4         | 2,6-Heptadienal, 2,4-dimethyl-      |        | 138                    | C9H14O  | 085136-08-9 | 42   |
| 5         | 3-Cyclohexene-1-carboxaldehyde, ... |        | 152                    | C10H16O | 040702-26-9 | 38   |



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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
RBR-24313

Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D101723S.M  
Quant Title : SW846 8260

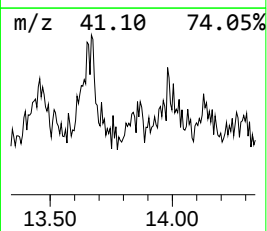
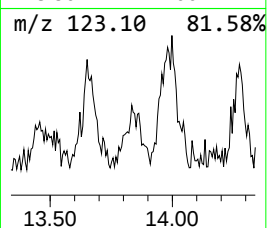
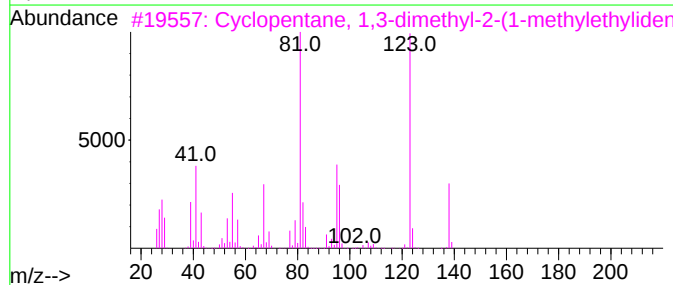
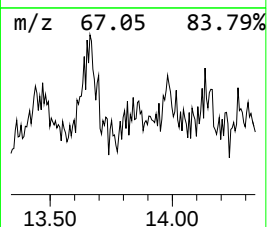
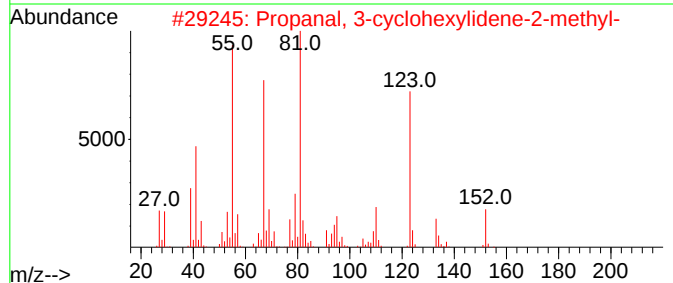
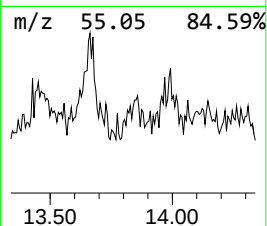
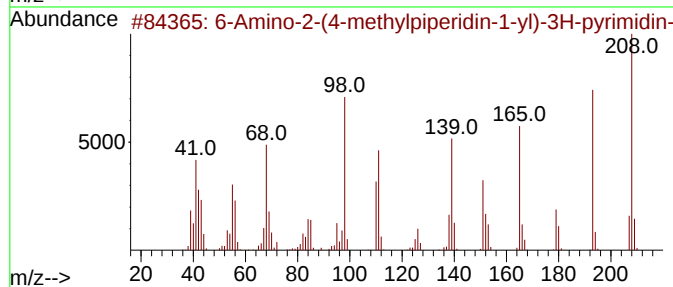
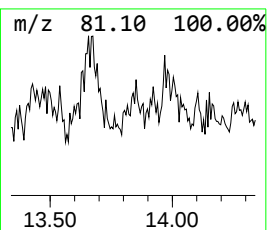
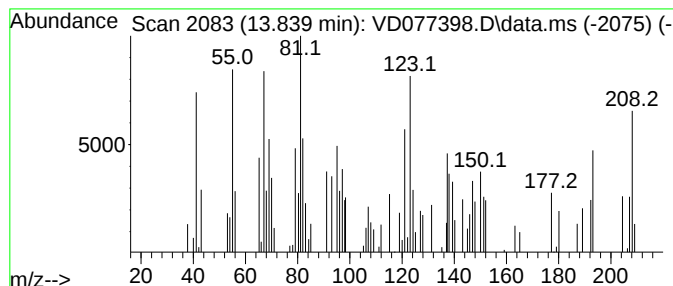
TIC Library : C:\Database\NIST20.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 unknown13.839 Concentration Rank 6

| R.T.   | EstConc   | Area  | Relative to ISTD       | R.T.   |
|--------|-----------|-------|------------------------|--------|
| 13.839 | 6.00 ug/l | 40114 | 1,4-Dichlorobenzene-d4 | 13.516 |

| Hit# | of                                  | 5   | Tentative ID | MW           | MolForm | CAS# | Qual |
|------|-------------------------------------|-----|--------------|--------------|---------|------|------|
| 1    | 6-Amino-2-(4-methylpiperidin-1-y... | 208 | C10H16N4O    | 1000388-65-9 | 15      |      |      |
| 2    | Propanal, 3-cyclohexylidene-2-me... | 152 | C10H16O      | 053155-83-2  | 14      |      |      |
| 3    | Cyclopentane, 1,3-dimethyl-2-(1-... | 138 | C10H18       | 061142-30-1  | 14      |      |      |
| 4    | 1-Tetradecyne                       | 194 | C14H26       | 000765-10-6  | 11      |      |      |
| 5    | Furan, 2-hexyl-                     | 152 | C10H16O      | 003777-70-6  | 11      |      |      |



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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 |
| unknown11.028      | 11.028 | 5.4     | ug/l  | 56247    | 3                     | 11.581 | 517924 | 50.0 |
| unknown13.451      | 13.451 | 6.5     | ug/l  | 43135    | 4                     | 13.516 | 334516 | 50.0 |
| Decahydro-1,1,4... | 13.669 | 34.9    | ug/l  | 233497   | 4                     | 13.516 | 334516 | 50.0 |
| unknown13.839      | 13.839 | 6.0     | ug/l  | 40114    | 4                     | 13.516 | 334516 | 50.0 |