

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN051920\  
 Data File : VN061482.D  
 Acq On : 19 May 2020 14:46  
 Operator : JC/MD  
 Sample : L2679-05  
 Misc : 6.51g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB-4-14.0-14.5ME

Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
 Title : SW846 8260

Signal : TIC

| 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         | 7.545       | 1772          | 1795        | 1803         | rBV2     | 137989         | 365133        | 1.38%           | 0.149%        |
| 2         | 7.619       | 1807          | 1818        | 1833         | rVB      | 304456         | 788566        | 2.97%           | 0.322%        |
| 3         | 7.831       | 1866          | 1884        | 1899         | rBV2     | 128433         | 323141        | 1.22%           | 0.132%        |
| 4         | 7.982       | 1916          | 1931        | 1950         | rBV      | 173701         | 404967        | 1.53%           | 0.165%        |
| 5         | 8.394       | 2040          | 2059        | 2078         | rBV2     | 159524         | 340777        | 1.28%           | 0.139%        |
| 6         | 8.545       | 2090          | 2106        | 2127         | rBV2     | 443226         | 944409        | 3.56%           | 0.386%        |
| 7         | 9.043       | 2233          | 2261        | 2273         | rBV2     | 583340         | 1447811       | 5.46%           | 0.591%        |
| 8         | 9.632       | 2433          | 2444        | 2452         | rBV2     | 146132         | 271282        | 1.02%           | 0.111%        |
| 9         | 9.696       | 2452          | 2464        | 2471         | rBV      | 590649         | 1127311       | 4.25%           | 0.461%        |
| 10        | 9.837       | 2487          | 2508        | 2530         | rBV      | 754612         | 1847285       | 6.96%           | 0.755%        |
| 11        | 10.056      | 2562          | 2576        | 2603         | rVV3     | 1152234        | 2502809       | 9.44%           | 1.023%        |
| 12        | 10.252      | 2621          | 2637        | 2650         | rVB5     | 460143         | 1133631       | 4.27%           | 0.463%        |
| 13        | 10.400      | 2674          | 2683        | 2700         | rVB2     | 270193         | 506685        | 1.91%           | 0.207%        |
| 14        | 10.497      | 2700          | 2713        | 2724         | rBV5     | 234246         | 536462        | 2.02%           | 0.219%        |
| 15        | 10.596      | 2736          | 2744        | 2754         | rVB3     | 181453         | 306704        | 1.16%           | 0.125%        |
| 16        | 10.690      | 2755          | 2773        | 2782         | rBV3     | 294367         | 537330        | 2.03%           | 0.220%        |
| 17        | 10.792      | 2796          | 2805        | 2817         | rBV      | 244319         | 474645        | 1.79%           | 0.194%        |
| 18        | 10.921      | 2838          | 2845        | 2854         | rVB      | 475930         | 721734        | 2.72%           | 0.295%        |
| 19        | 10.976      | 2854          | 2862        | 2873         | rVB2     | 562999         | 972204        | 3.67%           | 0.397%        |
| 20        | 11.095      | 2887          | 2899        | 2906         | rBV5     | 313524         | 588043        | 2.22%           | 0.240%        |
| 21        | 11.172      | 2907          | 2923        | 2943         | rVB6     | 1062436        | 2637231       | 9.94%           | 1.077%        |
| 22        | 11.271      | 2943          | 2954        | 2977         | rBV      | 938728         | 1794557       | 6.77%           | 0.733%        |
| 23        | 11.381      | 2978          | 2988        | 3006         | rBV      | 672420         | 1211199       | 4.57%           | 0.495%        |
| 24        | 11.564      | 3036          | 3045        | 3054         | rBV6     | 262960         | 562457        | 2.12%           | 0.230%        |
| 25        | 11.628      | 3055          | 3065        | 3072         | rVV      | 529129         | 1066321       | 4.02%           | 0.436%        |
| 26        | 11.670      | 3074          | 3078        | 3088         | rVB2     | 377427         | 543991        | 2.05%           | 0.222%        |
| 27        | 11.895      | 3135          | 3148        | 3161         | rBV7     | 516958         | 1337503       | 5.04%           | 0.546%        |
| 28        | 12.017      | 3179          | 3186        | 3193         | rBV      | 339178         | 466085        | 1.76%           | 0.190%        |
| 29        | 12.091      | 3202          | 3209        | 3215         | rBV3     | 427476         | 656999        | 2.48%           | 0.268%        |
| 30        | 12.140      | 3216          | 3224        | 3241         | rVB6     | 897356         | 1655476       | 6.24%           | 0.676%        |
| 31        | 12.223      | 3243          | 3250        | 3258         | rVB      | 323161         | 459522        | 1.73%           | 0.188%        |
| 32        | 12.378      | 3291          | 3298        | 3305         | rVB      | 575618         | 830585        | 3.13%           | 0.339%        |
| 33        | 12.423      | 3306          | 3312        | 3320         | rBV4     | 303537         | 453221        | 1.71%           | 0.185%        |
| 34        | 12.538      | 3339          | 3348        | 3351         | rBV3     | 606720         | 924910        | 3.49%           | 0.378%        |

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 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 SB-4-14.0-14.5ME

## Integration Parameters: RTEINT.P

Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
 Title : SW846 8260

|    |        |      |      |      |      |          |          |         |         |
|----|--------|------|------|------|------|----------|----------|---------|---------|
| 35 | 12.615 | 3365 | 3372 | 3381 | rBV7 | 220775   | 393883   | 1.48%   | 0.161%  |
| 36 | 12.702 | 3386 | 3399 | 3408 | rVV6 | 1181573  | 2831671  | 10.68%  | 1.157%  |
| 37 | 12.754 | 3409 | 3415 | 3425 | rVB2 | 545641   | 862965   | 3.25%   | 0.353%  |
| 38 | 12.841 | 3435 | 3442 | 3449 | rBV6 | 277809   | 417477   | 1.57%   | 0.171%  |
| 39 | 12.937 | 3465 | 3472 | 3486 | rVB3 | 959335   | 1695831  | 6.39%   | 0.693%  |
| 40 | 13.146 | 3525 | 3537 | 3544 | rBV2 | 1110774  | 2023047  | 7.63%   | 0.827%  |
| 41 | 13.214 | 3546 | 3558 | 3566 | rVV3 | 1062248  | 2117790  | 7.98%   | 0.865%  |
| 42 | 13.320 | 3580 | 3591 | 3604 | rVB3 | 1147526  | 2485516  | 9.37%   | 1.015%  |
| 43 | 13.400 | 3610 | 3616 | 3625 | rBV3 | 317964   | 580124   | 2.19%   | 0.237%  |
| 44 | 13.487 | 3636 | 3643 | 3648 | rBV  | 1261890  | 1845635  | 6.96%   | 0.754%  |
| 45 | 13.586 | 3661 | 3674 | 3681 | rBV2 | 1273948  | 2943366  | 11.10%  | 1.202%  |
| 46 | 13.638 | 3681 | 3690 | 3700 | rVB6 | 2024477  | 3828269  | 14.43%  | 1.564%  |
| 47 | 13.863 | 3751 | 3760 | 3769 | rVB  | 4575527  | 7043929  | 26.56%  | 2.878%  |
| 48 | 13.918 | 3770 | 3777 | 3783 | rVV2 | 805239   | 1193424  | 4.50%   | 0.488%  |
| 49 | 13.969 | 3783 | 3793 | 3803 | rVB3 | 4644553  | 7872437  | 29.68%  | 3.216%  |
| 50 | 14.146 | 3839 | 3848 | 3853 | rBV9 | 1706647  | 3265053  | 12.31%  | 1.334%  |
| 51 | 14.268 | 3877 | 3886 | 3892 | rBV3 | 2545633  | 4100853  | 15.46%  | 1.675%  |
| 52 | 14.307 | 3893 | 3898 | 3904 | rVB3 | 1222084  | 1716052  | 6.47%   | 0.701%  |
| 53 | 14.451 | 3935 | 3943 | 3954 | rBV3 | 3031014  | 5613442  | 21.16%  | 2.293%  |
| 54 | 14.564 | 3966 | 3978 | 3989 | rBV4 | 8539529  | 17800855 | 67.11%  | 7.272%  |
| 55 | 14.622 | 3989 | 3996 | 4007 | rVB4 | 2676781  | 4665427  | 17.59%  | 1.906%  |
| 56 | 14.715 | 4017 | 4025 | 4034 | rVB  | 4316582  | 6655028  | 25.09%  | 2.719%  |
| 57 | 14.789 | 4041 | 4048 | 4050 | rBV4 | 1739547  | 2012767  | 7.59%   | 0.822%  |
| 58 | 14.824 | 4053 | 4059 | 4066 | rVB3 | 3563822  | 5441353  | 20.51%  | 2.223%  |
| 59 | 14.931 | 4083 | 4092 | 4104 | rVB2 | 4820848  | 9774037  | 36.85%  | 3.993%  |
| 60 | 15.104 | 4135 | 4146 | 4155 | rVB  | 3581545  | 7690354  | 28.99%  | 3.142%  |
| 61 | 15.162 | 4156 | 4164 | 4171 | rBV  | 3391099  | 5227139  | 19.71%  | 2.136%  |
| 62 | 15.217 | 4172 | 4181 | 4190 | rBV6 | 3494916  | 7551421  | 28.47%  | 3.085%  |
| 63 | 15.387 | 4223 | 4234 | 4247 | rBV2 | 3584544  | 7676925  | 28.94%  | 3.136%  |
| 64 | 15.541 | 4267 | 4282 | 4286 | rBV5 | 2908867  | 6893024  | 25.99%  | 2.816%  |
| 65 | 15.580 | 4288 | 4294 | 4309 | rVB  | 6608999  | 11665163 | 43.98%  | 4.766%  |
| 66 | 15.664 | 4313 | 4320 | 4330 | rVB6 | 1687140  | 2952287  | 11.13%  | 1.206%  |
| 67 | 15.734 | 4332 | 4342 | 4353 | rBV5 | 2552257  | 5610557  | 21.15%  | 2.292%  |
| 68 | 15.876 | 4375 | 4386 | 4397 | rBV2 | 4307193  | 8574685  | 32.33%  | 3.503%  |
| 69 | 16.066 | 4436 | 4445 | 4453 | rBV3 | 4263326  | 8142087  | 30.70%  | 3.326%  |
| 70 | 16.123 | 4454 | 4463 | 4487 | rVB  | 11575257 | 26524365 | 100.00% | 10.836% |
| 71 | 16.313 | 4510 | 4522 | 4534 | rBV  | 7327076  | 16342971 | 61.61%  | 6.677%  |

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB-4-14.0-14.5ME

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\_N\METHODS\82N051820W.M  
Title : SW846 8260

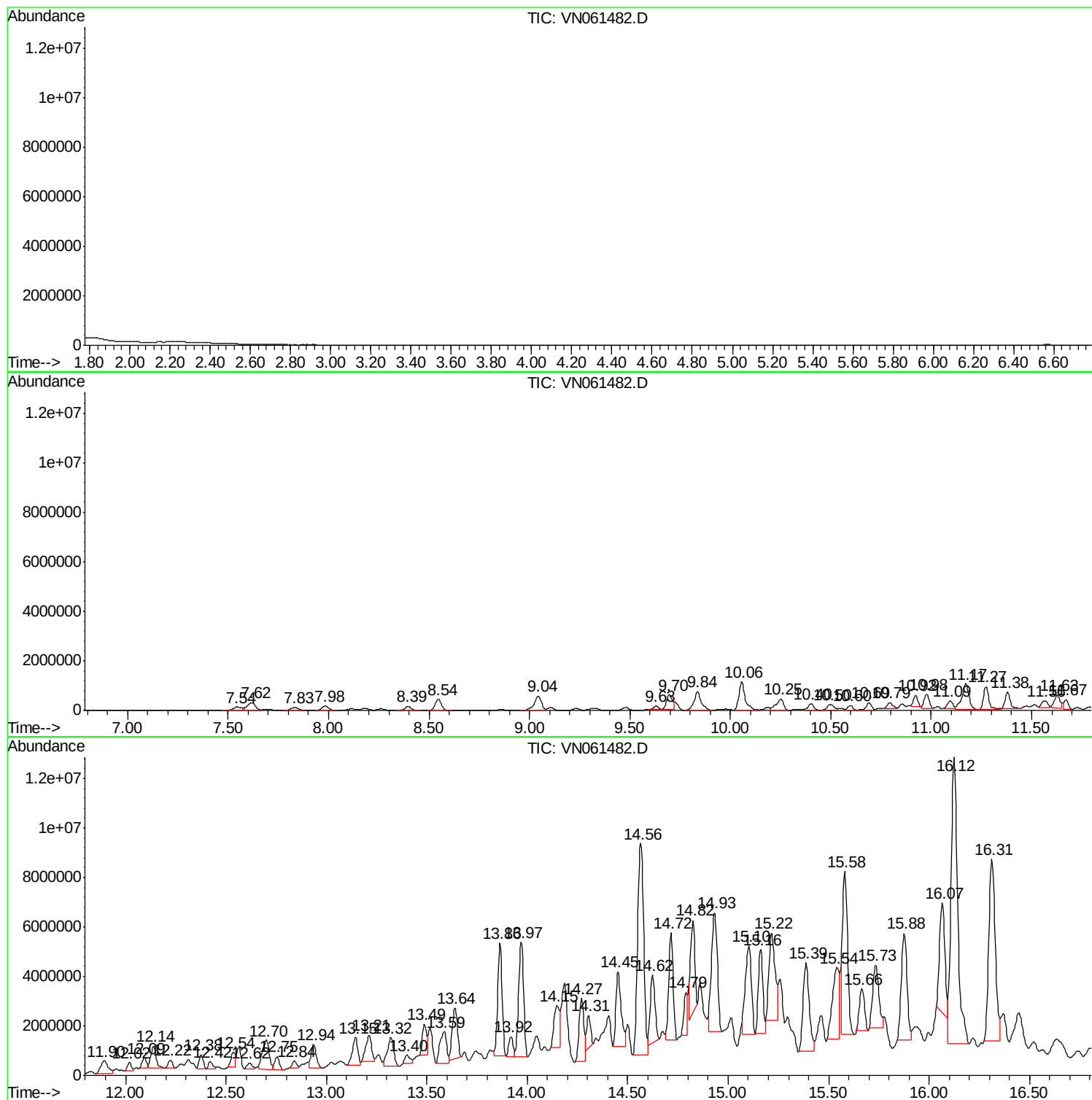
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
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Instrument :  
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SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
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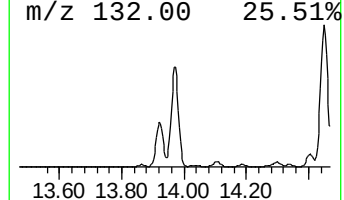
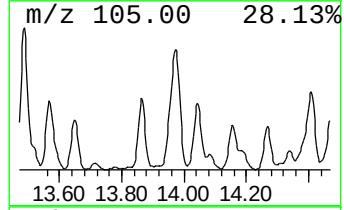
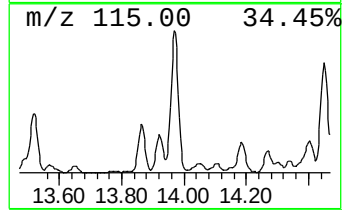
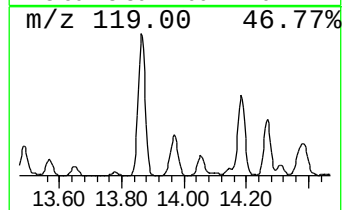
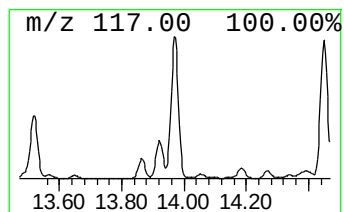
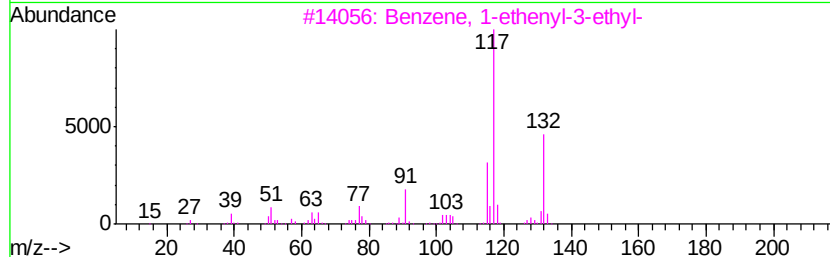
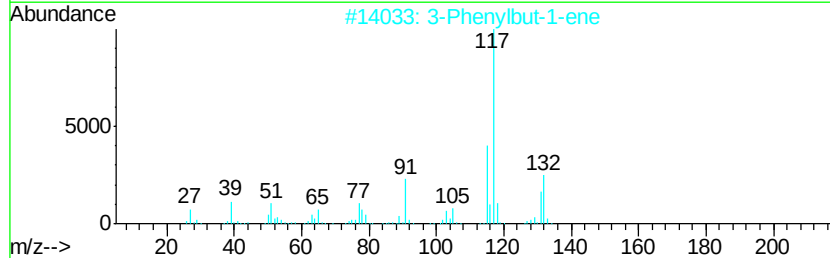
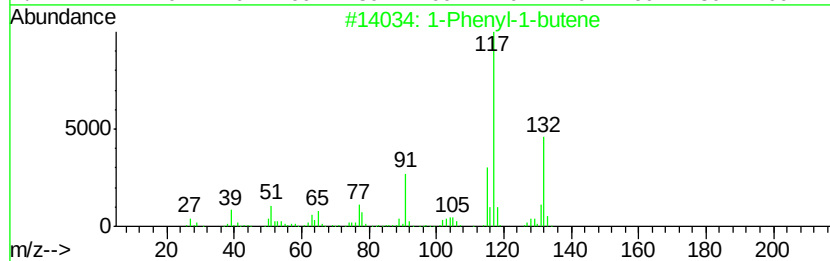
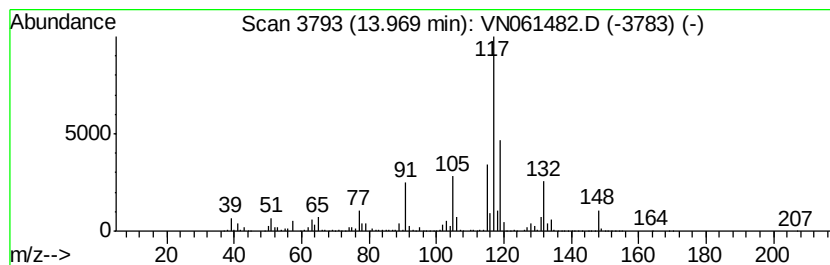
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 1 1-Phenyl-1-butene Concentration Rank 8

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 13.97 | 158.37 ug/l | 7872440 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                    | MW  | MolForm | CAS#         | Qual |
|------|----|---------------------------------|-----|---------|--------------|------|
| 1    | 5  | 1-Phenyl-1-butene               | 132 | C10H12  | 000824-90-8  | 83   |
| 2    |    | 3-Phenylbut-1-ene               | 132 | C10H12  | 000934-10-1  | 64   |
| 3    |    | Benzene, 1-ethenyl-3-ethyl-     | 132 | C10H12  | 007525-62-4  | 64   |
| 4    |    | Benzene, (2-methylcyclopropyl)- | 132 | C10H12  | 1000327-39-0 | 60   |
| 5    |    | Indan, 1-methyl-                | 132 | C10H12  | 000767-58-8  | 60   |



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SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

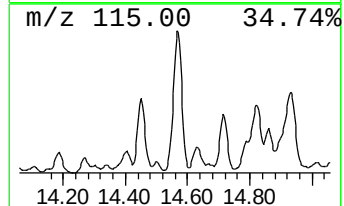
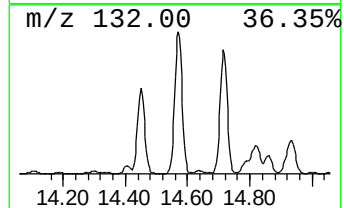
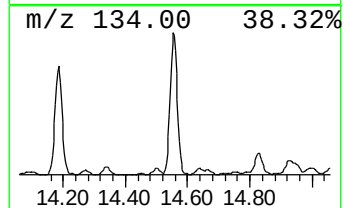
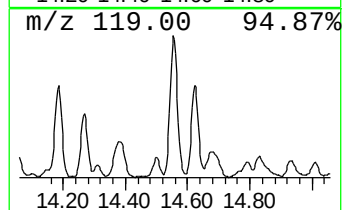
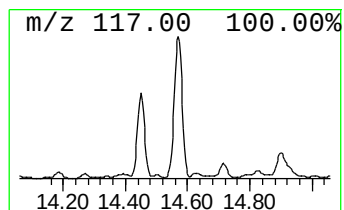
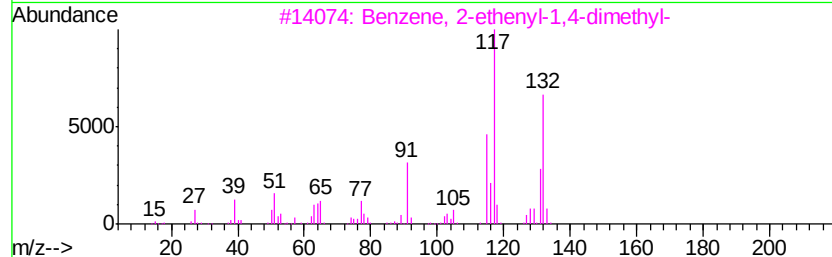
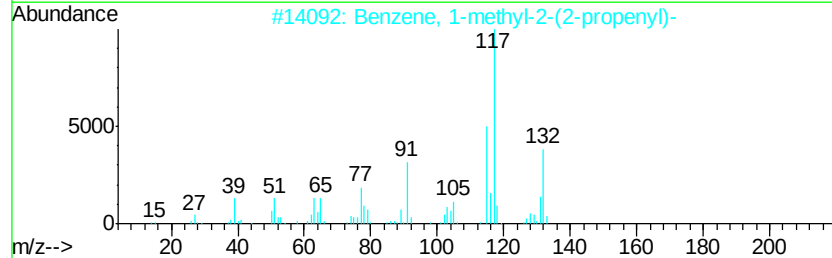
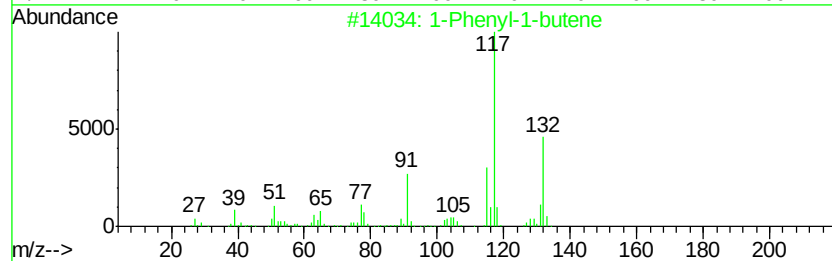
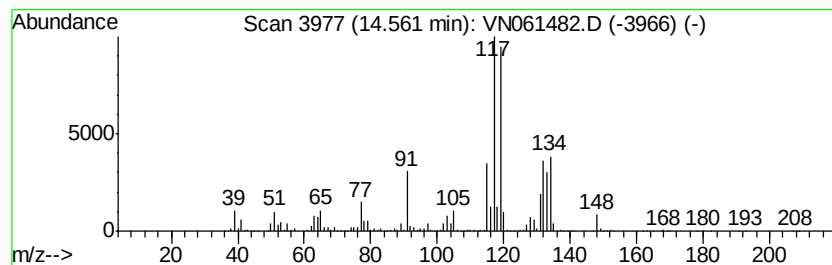
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 Benzene, 1-methyl-2-(2-prop... Concentration Rank 2

| R.T.  | EstConc     | Area     | Relative to ISTD       | R.T.  |
|-------|-------------|----------|------------------------|-------|
| 14.56 | 358.09 ug/l | 17800900 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                      | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1-Phenyl-1-butene                 | 132 | C10H12  | 000824-90-8 | 91   |
| 2    |    | Benzene, 1-methyl-2-(2-propenyl)- | 132 | C10H12  | 001587-04-8 | 91   |
| 3    |    | Benzene, 2-ethenyl-1,4-dimethyl-  | 132 | C10H12  | 002039-89-6 | 91   |
| 4    |    | 2,4-Dimethylstyrene               | 132 | C10H12  | 002234-20-0 | 89   |
| 5    |    | Benzene, 1-methyl-4-(2-propenyl)- | 132 | C10H12  | 003333-13-9 | 86   |



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ALS Vial : 9 Sample Multiplier: 1

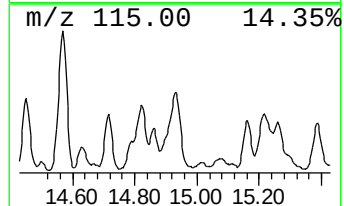
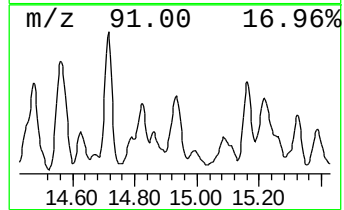
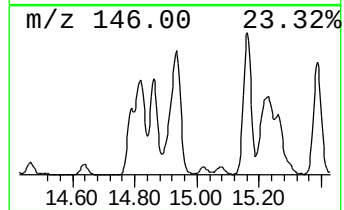
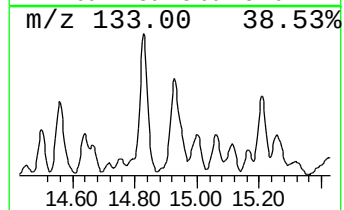
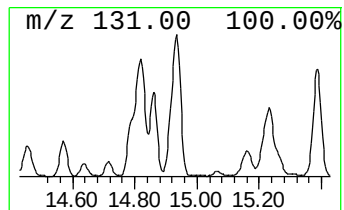
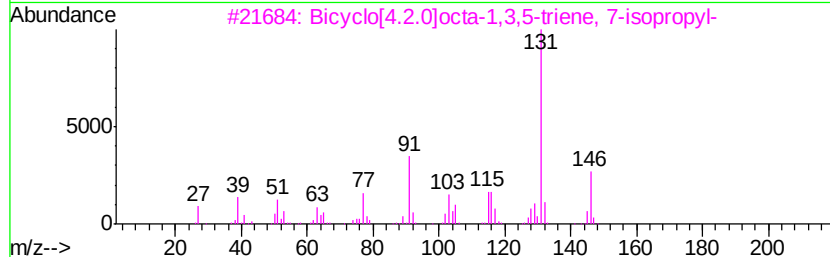
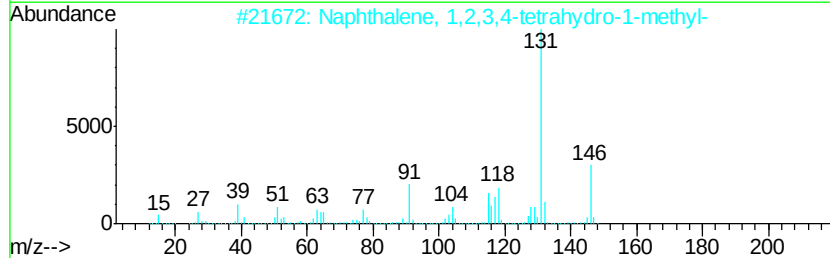
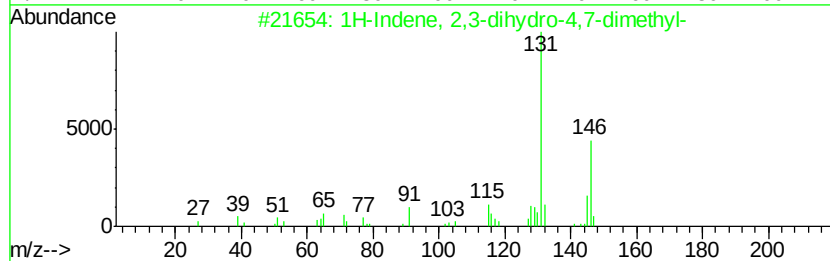
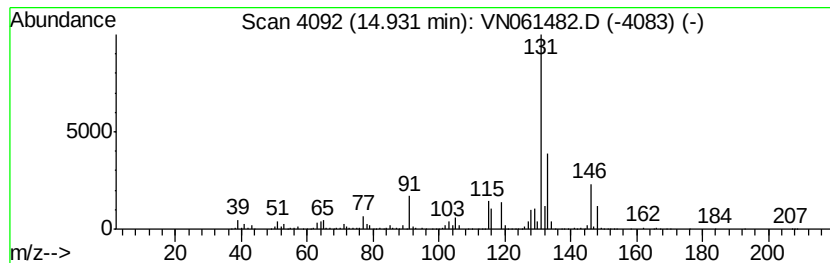
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ClientSampleId :  
SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 5

| R.T.      | EstConc                              | Area    | Relative to ISTD       | R.T.        |      |
|-----------|--------------------------------------|---------|------------------------|-------------|------|
| 14.93     | 196.62 ug/l                          | 9774040 | 1,4-Dichlorobenzene-d4 | 13.32       |      |
| Hit# of 5 | Tentative ID                         | MW      | MolForm                | CAS#        | Qual |
| 1         | 1H-Indene, 2,3-dihydro-4,7-dimet...  | 146     | C11H14                 | 006682-71-9 | 64   |
| 2         | Naphthalene, 1,2,3,4-tetrahydro-...  | 146     | C11H14                 | 001559-81-5 | 64   |
| 3         | Bicvclo[4.2.0]octa-1,3,5-triene, ... | 146     | C11H14                 | 027087-54-3 | 64   |
| 4         | 1H-Indene, 2,3-dihydro-1,2-dimet...  | 146     | C11H14                 | 017057-82-8 | 64   |
| 5         | 1H-Indene, 2,3-dihydro-1,6-dimet...  | 146     | C11H14                 | 017059-48-2 | 64   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
Data File : VN061482.D  
Acq On : 19 May 2020 14:46  
Operator : JC/MD  
Sample : L2679-05  
Misc : 6.51µ/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

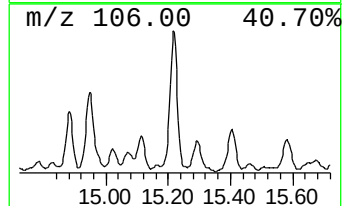
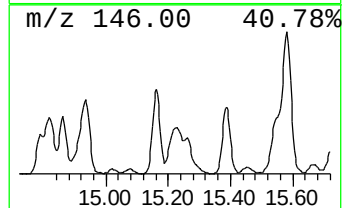
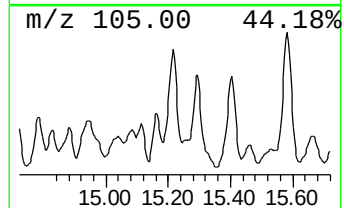
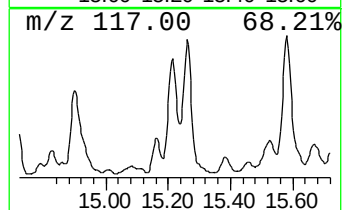
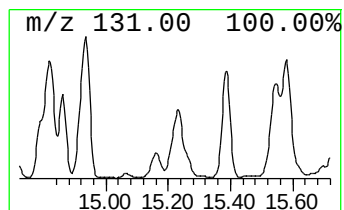
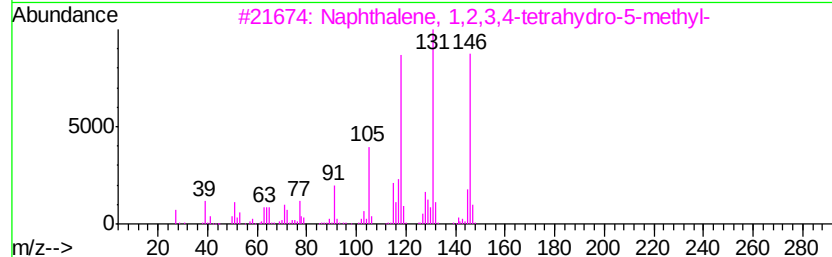
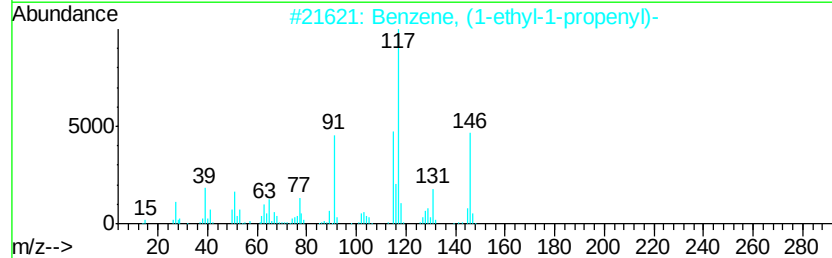
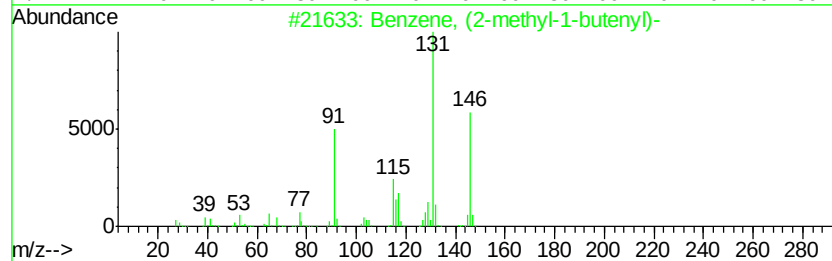
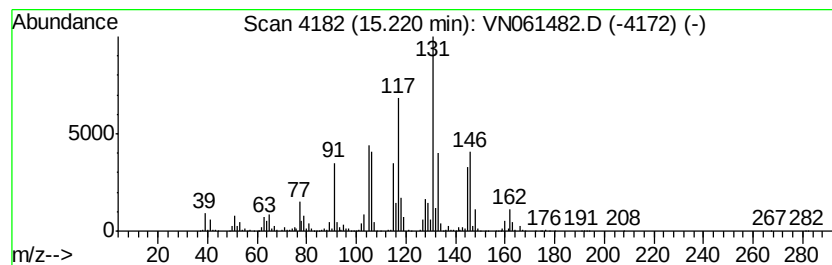
Instrument :  
MSVOA\_N  
ClientSampleId :  
SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 4 Benzene, (2-methyl-1-butenyl)- Concentration Rank 10

| R.T.    | EstConc     | Area                                | Relative to ISTD       | R.T.           |
|---------|-------------|-------------------------------------|------------------------|----------------|
| 15.22   | 151.91 ug/l | 7551420                             | 1,4-Dichlorobenzene-d4 | 13.32          |
| Hit# of | 5           | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |             | Benzene, (2-methyl-1-butenyl)-      | 146 C11H14             | 056253-64-6 50 |
| 2       |             | Benzene, (1-ethyl-1-propenyl)-      | 146 C11H14             | 004701-36-4 46 |
| 3       |             | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 002809-64-5 45 |
| 4       |             | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 001559-81-5 42 |
| 5       |             | Benzene, (1-methyl-1-butenyl)-      | 146 C11H14             | 053172-84-2 42 |





Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
Data File : VN061482.D  
Acq On : 19 May 2020 14:46  
Operator : JC/MD  
Sample : L2679-05  
Misc : 6.51µ/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

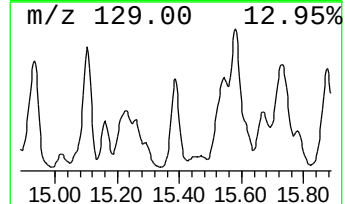
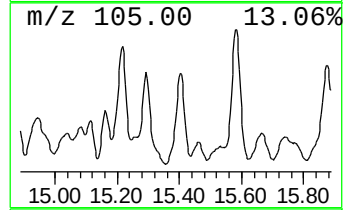
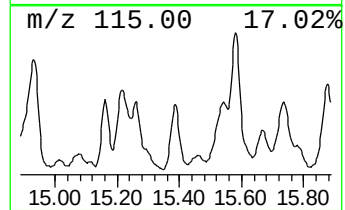
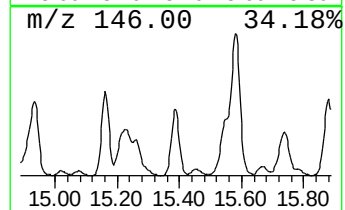
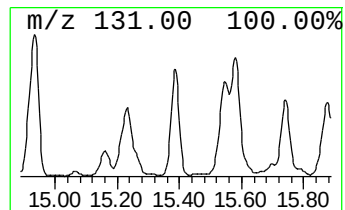
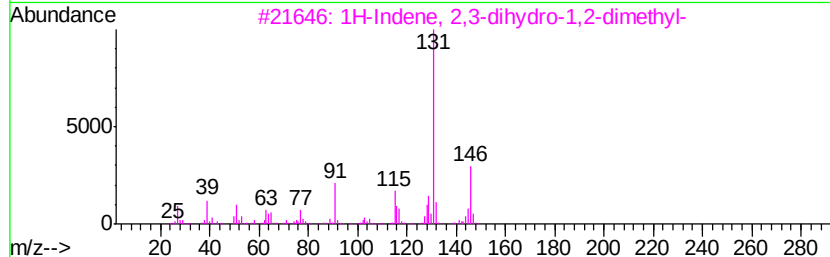
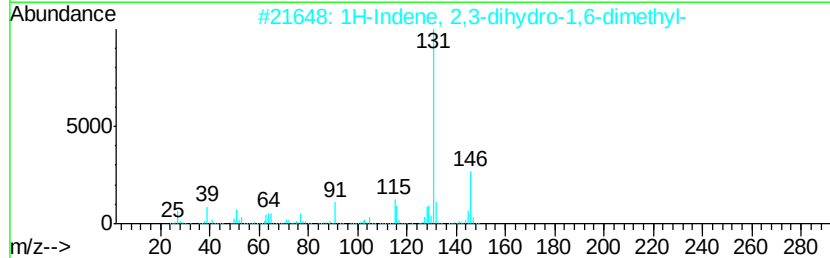
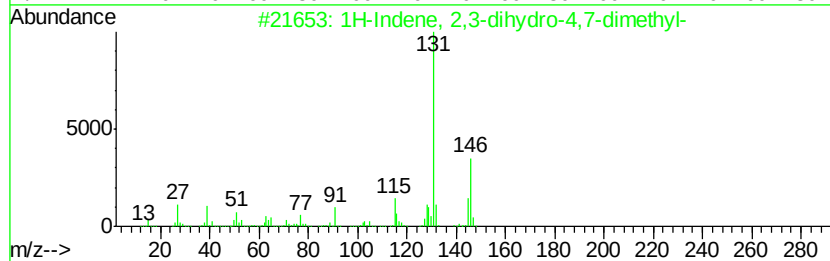
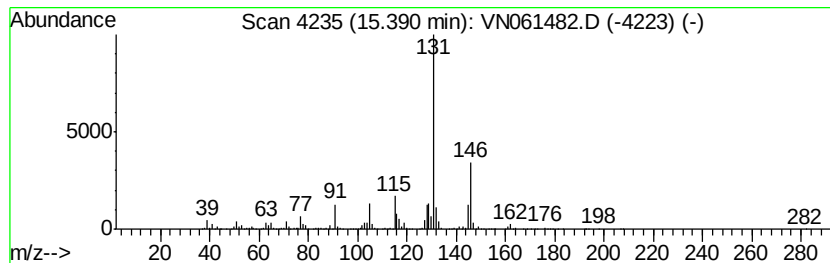
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 9

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 15.39 | 154.43 ug/l | 7676930 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146 | C11H14  | 006682-71-9 | 93   |
| 2    |    | 1H-Indene, 2,3-dihydro-1,6-dimet... | 146 | C11H14  | 017059-48-2 | 90   |
| 3    |    | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 | C11H14  | 017057-82-8 | 90   |
| 4    |    | 1H-Indene, 2,3-dihydro-1,3-dimet... | 146 | C11H14  | 004175-53-5 | 90   |
| 5    |    | Benzene, 1-methyl-4-(1-methyl-2-... | 146 | C11H14  | 097664-18-1 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
Data File : VN061482.D  
Acq On : 19 May 2020 14:46  
Operator : JC/MD  
Sample : L2679-05  
Misc : 6.51µL/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

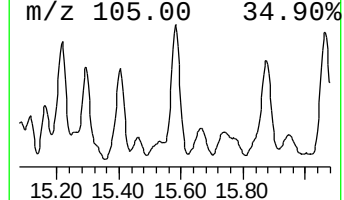
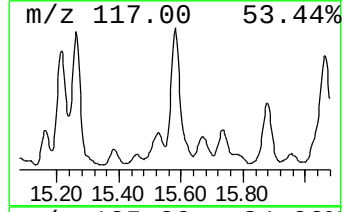
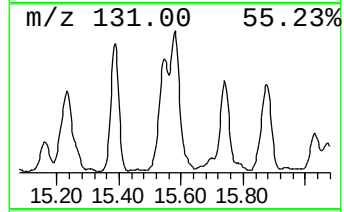
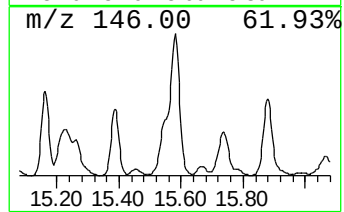
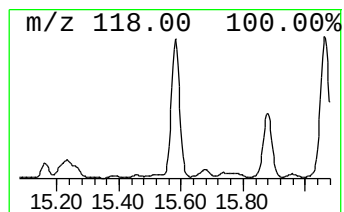
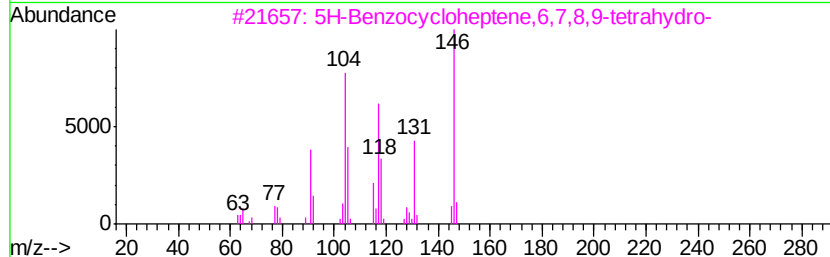
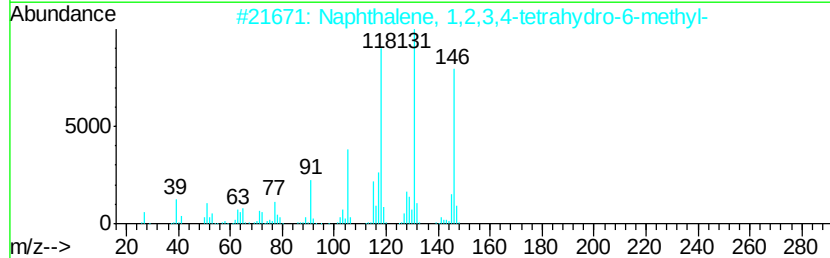
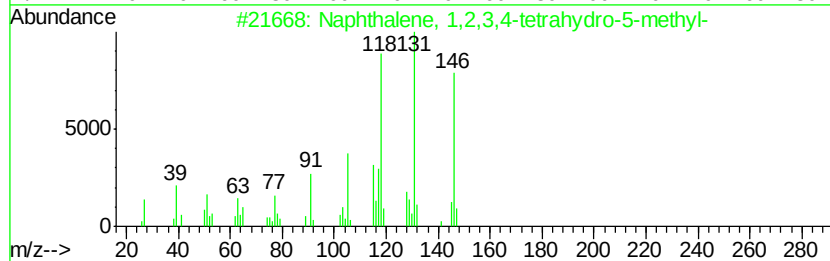
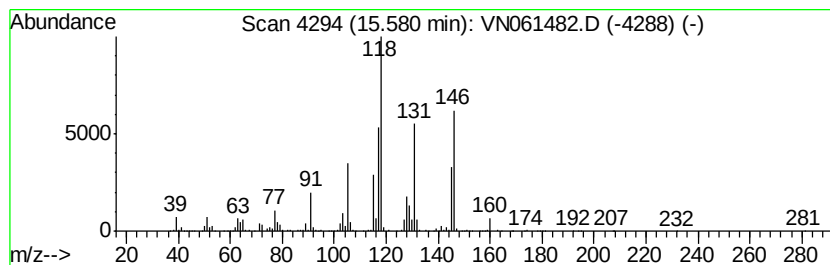
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ClientSampleId :  
SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 6 Naphthalene, 1,2,3,4-tetra... Concentration Rank 4

| R.T.    | EstConc     | Area                                 | Relative to ISTD       | R.T.           |
|---------|-------------|--------------------------------------|------------------------|----------------|
| 15.58   | 234.66 ug/l | 11665200                             | 1,4-Dichlorobenzene-d4 | 13.32          |
| Hit# of | 5           | Tentative ID                         | MW MolForm             | CAS# Qual      |
| 1       |             | Naphthalene, 1,2,3,4-tetrahydro-...  | 146 C11H14             | 002809-64-5 58 |
| 2       |             | Naphthalene, 1,2,3,4-tetrahydro-...  | 146 C11H14             | 001680-51-9 58 |
| 3       |             | 5H-Benzocycloheptene, 6,7,8,9-tet... | 146 C11H14             | 001075-16-7 50 |
| 4       |             | Benzene, (1-ethyl-1-propenyl)-       | 146 C11H14             | 004701-36-4 38 |
| 5       |             | 1H-1,3,2-Benzodiazaborole, 2-eth...  | 146 C8H11BN2           | 074663-81-3 38 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
Data File : VN061482.D  
Acq On : 19 May 2020 14:46  
Operator : JC/MD  
Sample : L2679-05  
Misc : 6.51µ/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

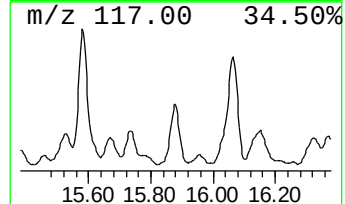
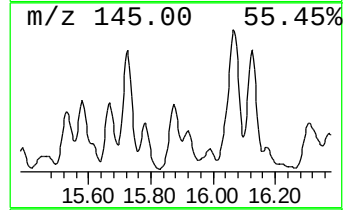
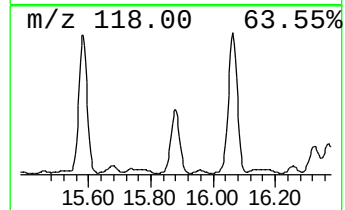
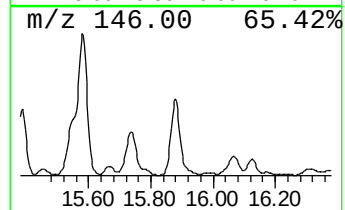
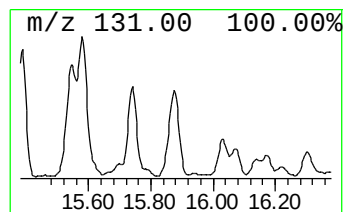
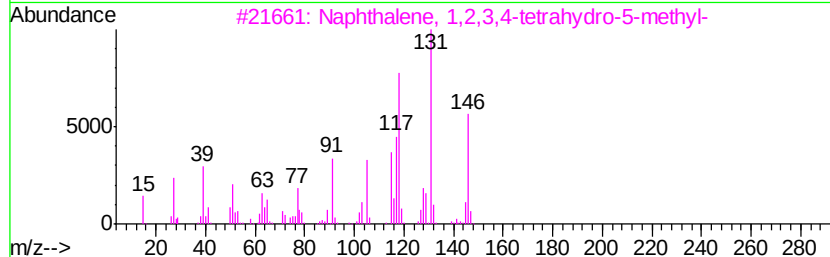
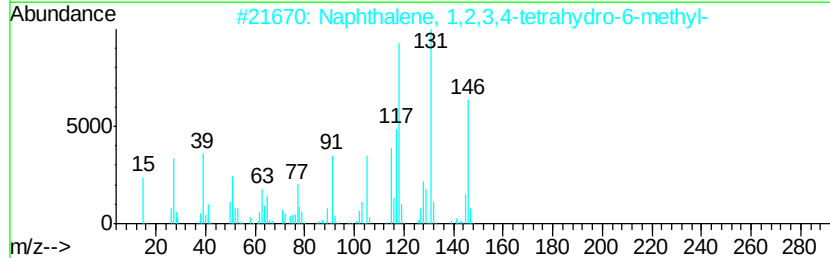
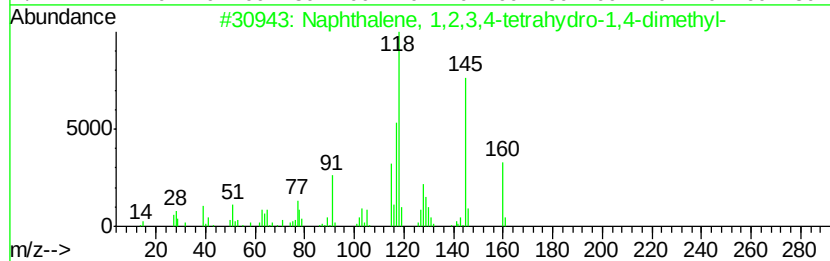
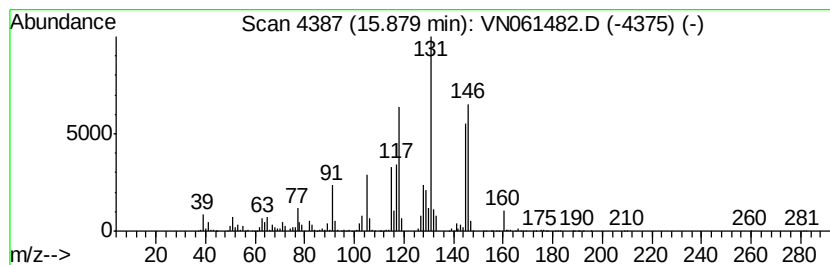
Instrument :  
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ClientSampleId :  
SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 7 Naphthalene, 1,2,3,4-tetra... Concentration Rank 6

| R.T.    | EstConc     | Area                                | Relative to ISTD       | R.T.           |
|---------|-------------|-------------------------------------|------------------------|----------------|
| 15.88   | 172.49 ug/l | 8574690                             | 1,4-Dichlorobenzene-d4 | 13.32          |
| Hit# of | 5           | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |             | Naphthalene, 1,2,3,4-tetrahydro-... | 160 C12H16             | 004175-54-6 90 |
| 2       |             | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 001680-51-9 86 |
| 3       |             | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 002809-64-5 81 |
| 4       |             | 1H-Benzimidazole, 5,6-dimethyl-     | 146 C9H10N2            | 000582-60-5 53 |
| 5       |             | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 C11H14             | 000769-25-5 53 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
Data File : VN061482.D  
Acq On : 19 May 2020 14:46  
Operator : JC/MD  
Sample : L2679-05  
Misc : 6.51µ/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

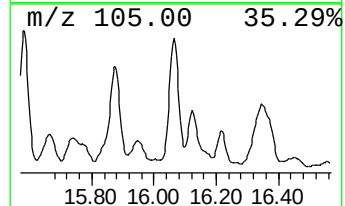
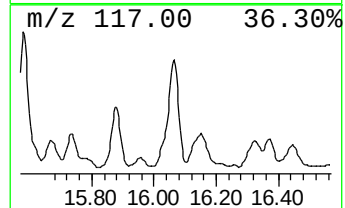
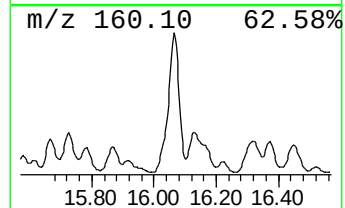
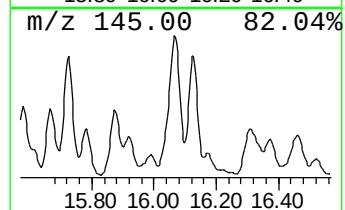
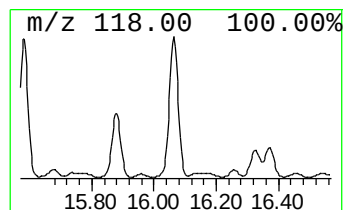
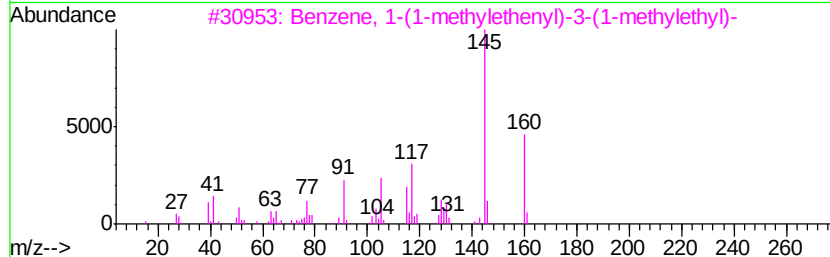
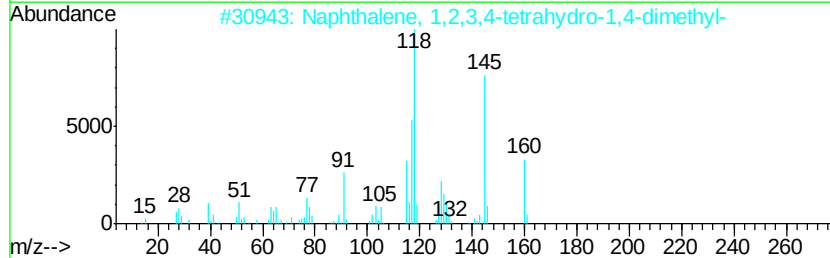
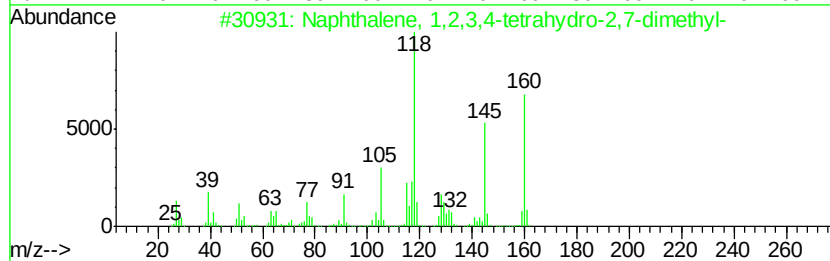
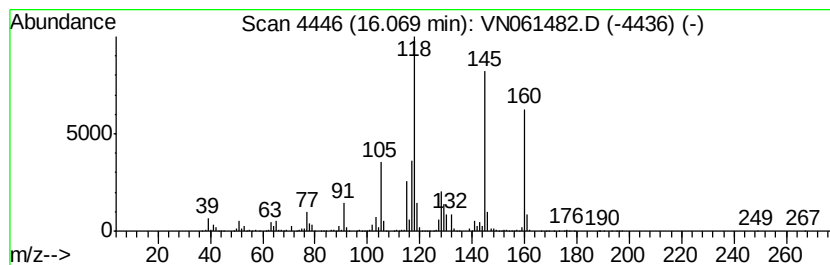
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 7

| R.T.  | EstConc     | Area    | Relative to ISTD       | R.T.  |
|-------|-------------|---------|------------------------|-------|
| 16.07 | 163.79 ug/l | 8142090 | 1,4-Dichlorobenzene-d4 | 13.32 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 013065-07-1 | 91   |
| 2    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 004175-54-6 | 81   |
| 3    |    | Benzene, 1-(1-methylethenyl)-3-(... | 160 | C12H16  | 001129-29-9 | 64   |
| 4    |    | Naphthalene, 1,2,3,4-tetrahydro-... | 160 | C12H16  | 007524-63-2 | 64   |
| 5    |    | 1H-Indene, 2,3-dihydro-1,1,3-tri... | 160 | C12H16  | 002613-76-5 | 60   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
Data File : VN061482.D  
Acq On : 19 May 2020 14:46  
Operator : JC/MD  
Sample : L2679-05  
Misc : 6.51µ/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

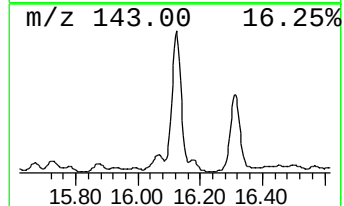
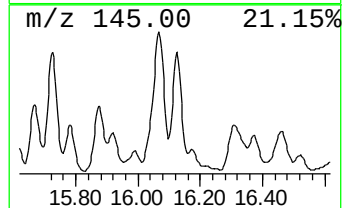
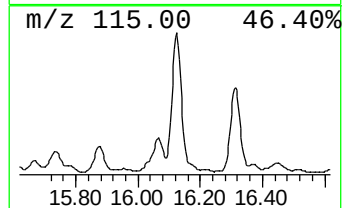
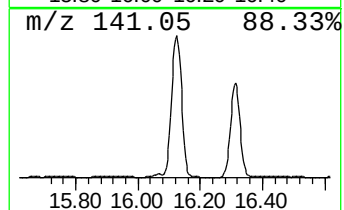
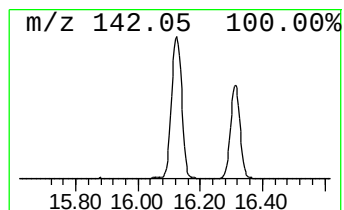
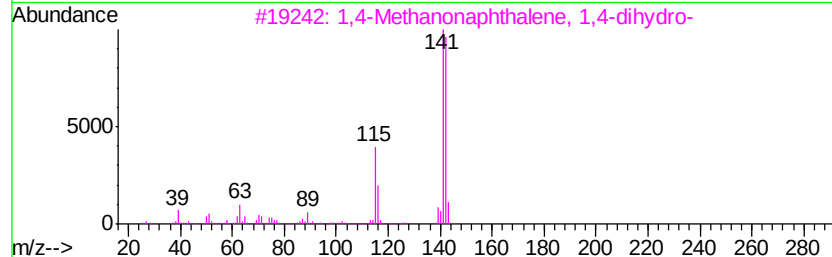
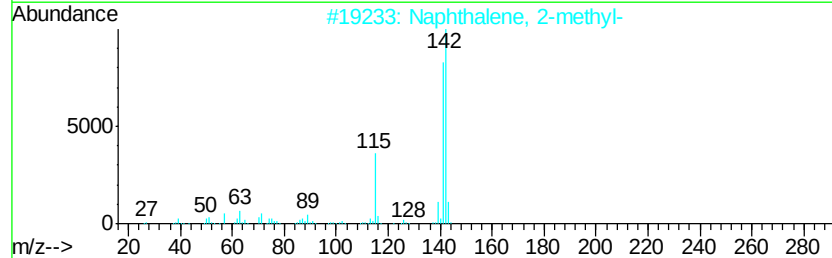
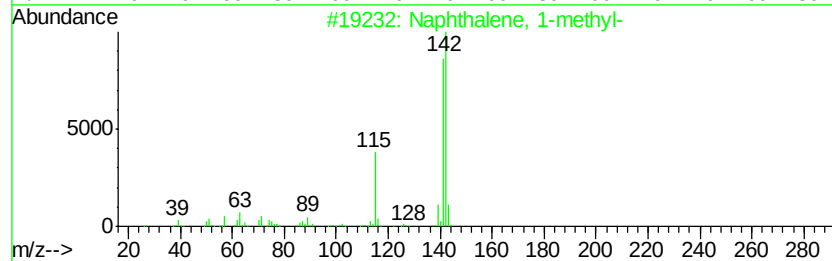
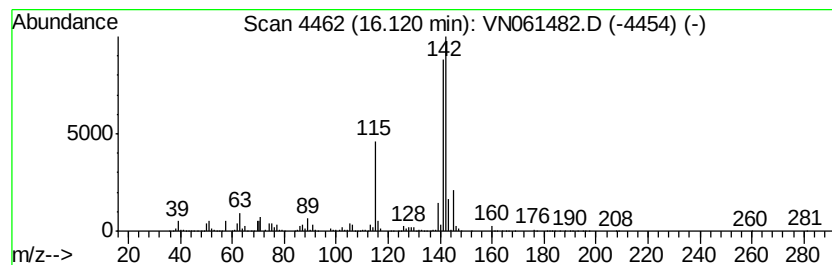
Instrument :  
MSVOA\_N  
ClientSampleId :  
SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

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

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Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 1

| R.T.      | EstConc                             | Area     | Relative to ISTD       | R.T.        |      |
|-----------|-------------------------------------|----------|------------------------|-------------|------|
| 16.12     | 533.58 ug/l                         | 26524400 | 1,4-Dichlorobenzene-d4 | 13.32       |      |
| Hit# of 5 | Tentative ID                        | MW       | MolForm                | CAS#        | Qual |
| 1         | Naphthalene, 1-methyl-              | 142      | C11H10                 | 000090-12-0 | 96   |
| 2         | Naphthalene, 2-methyl-              | 142      | C11H10                 | 000091-57-6 | 96   |
| 3         | 1,4-Methanonaphthalene, 1,4-dihv... | 142      | C11H10                 | 004453-90-1 | 91   |
| 4         | Benzocycloheptatriene               | 142      | C11H10                 | 000264-09-5 | 87   |
| 5         | 3,4-Difluorobenzaldehyde            | 142      | C7H4F2O                | 034036-07-2 | 52   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051920\  
Data File : VN061482.D  
Acq On : 19 May 2020 14:46  
Operator : JC/MD  
Sample : L2679-05  
Misc : 6.51µ/5mL/100µL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

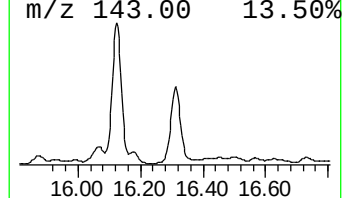
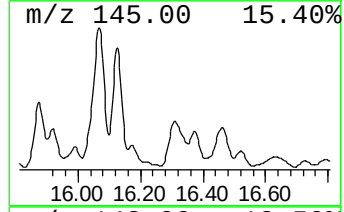
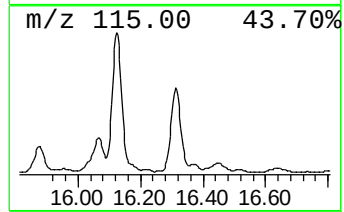
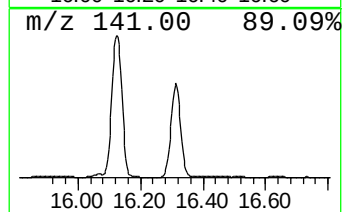
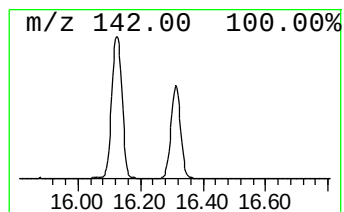
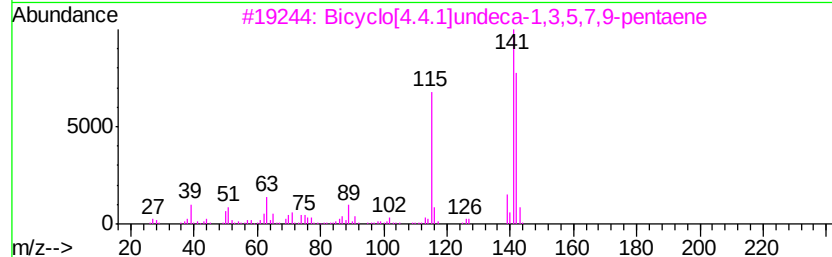
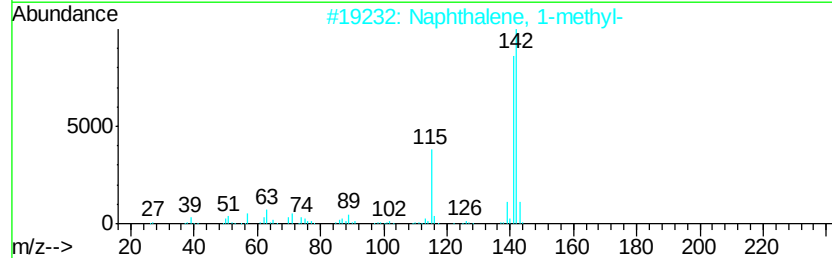
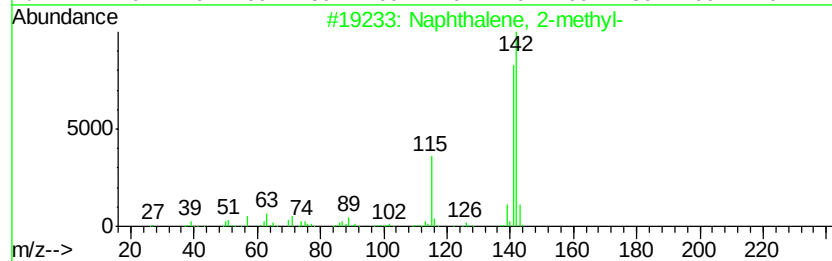
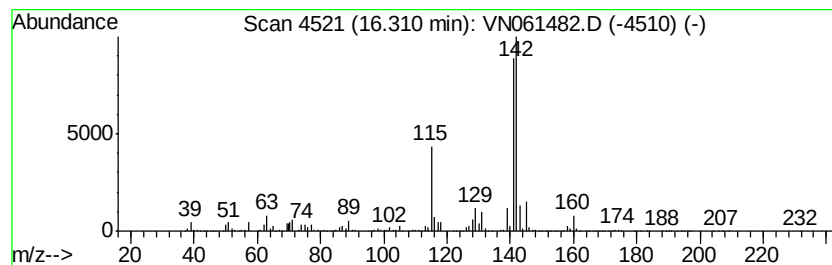
Instrument :  
MSVOA\_N  
ClientSampleId :  
SB-4-14.0-14.5ME

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.M  
Quant Title : SW846 8260

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

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Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 3

| R.T.    | EstConc     | Area                                | Relative to ISTD       | R.T.           |
|---------|-------------|-------------------------------------|------------------------|----------------|
| 16.31   | 328.76 ug/l | 16343000                            | 1,4-Dichlorobenzene-d4 | 13.32          |
| Hit# of | 5           | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |             | Naphthalene, 2-methyl-              | 142 C11H10             | 000091-57-6 96 |
| 2       |             | Naphthalene, 1-methyl-              | 142 C11H10             | 000090-12-0 96 |
| 3       |             | Bicyclo[4.4.1]undeca-1,3,5,7,9-p... | 142 C11H10             | 002443-46-1 91 |
| 4       |             | 1,4-Methanonaphthalene, 1,4-dihy... | 142 C11H10             | 004453-90-1 91 |
| 5       |             | Benzocycloheptatriene               | 142 C11H10             | 000264-09-5 90 |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN051920\  
Data File : VN061482.D  
Acq On : 19 May 2020 14:46  
Operator : JC/MD  
Sample : L2679-05  
Misc : 6.51g/5mL/100uL/5.00mL/MSVOA\_N/MEOH  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
SB-4-14.0-14.5ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N051820W.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 |
| 1-Phenyl-1-butene    | 13.97 | 158.4   | ug/l  | 7872440  | 4                     | 13.32 | 2485520 | 50.0 |
| Benzene, 1-methyl... | 14.56 | 358.1   | ug/l  | 17800900 | 4                     | 13.32 | 2485520 | 50.0 |
| 1H-Indene, 2,3-di... | 14.93 | 196.6   | ug/l  | 9774040  | 4                     | 13.32 | 2485520 | 50.0 |
| Benzene, (2-methy... | 15.22 | 151.9   | ug/l  | 7551420  | 4                     | 13.32 | 2485520 | 50.0 |
| 1H-Indene, 2,3-di... | 15.39 | 154.4   | ug/l  | 7676930  | 4                     | 13.32 | 2485520 | 50.0 |
| Naphthalene, 1,2,... | 15.58 | 234.7   | ug/l  | 11665200 | 4                     | 13.32 | 2485520 | 50.0 |
| Naphthalene, 1,2,... | 15.88 | 172.5   | ug/l  | 8574690  | 4                     | 13.32 | 2485520 | 50.0 |
| Naphthalene, 1,2,... | 16.07 | 163.8   | ug/l  | 8142090  | 4                     | 13.32 | 2485520 | 50.0 |
| Naphthalene, 1-me... | 16.12 | 533.6   | ug/l  | 26524400 | 4                     | 13.32 | 2485520 | 50.0 |
| Naphthalene, 2-me... | 16.31 | 328.8   | ug/l  | 16343000 | 4                     | 13.32 | 2485520 | 50.0 |