

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\  
 Data File : VN052373.D  
 Acq On : 16 Nov 2018 19:00  
 Operator : MD\SY  
 Sample : J5975-03  
 Misc : 5.00mL/MSVOA N/WATER  
 ALS Vial : 24 Sample Multiplier: 28

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VB44949

## 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\82N111418W.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         | 3.268       | 455           | 465         | 478          | rBV2     | 10341          | 23212         | 1.22%           | 0.078%        |
| 2         | 3.822       | 618           | 637         | 657          | rBV      | 40858          | 109374        | 5.73%           | 0.366%        |
| 3         | 6.837       | 1557          | 1575        | 1593         | rBV3     | 10410          | 35475         | 1.86%           | 0.119%        |
| 4         | 7.217       | 1673          | 1693        | 1713         | rBV4     | 79543          | 226623        | 11.87%          | 0.759%        |
| 5         | 7.593       | 1791          | 1810        | 1821         | rBV      | 220780         | 555459        | 29.08%          | 1.861%        |
| 6         | 7.667       | 1821          | 1833        | 1853         | rVB      | 409165         | 982079        | 51.42%          | 3.290%        |
| 7         | 8.030       | 1929          | 1946        | 1968         | rBV      | 253356         | 598392        | 31.33%          | 2.005%        |
| 8         | 8.445       | 2060          | 2075        | 2093         | rVB      | 186687         | 418121        | 21.89%          | 1.401%        |
| 9         | 8.587       | 2103          | 2119        | 2134         | rBV      | 618165         | 1278878       | 66.96%          | 4.284%        |
| 10        | 8.670       | 2134          | 2145        | 2167         | rVB2     | 93420          | 202510        | 10.60%          | 0.678%        |
| 11        | 9.040       | 2248          | 2260        | 2270         | rBV3     | 18303          | 38219         | 2.00%           | 0.128%        |
| 12        | 9.429       | 2368          | 2381        | 2395         | rVB5     | 11634          | 26337         | 1.38%           | 0.088%        |
| 13        | 9.985       | 2542          | 2554        | 2572         | rBV3     | 13264          | 28317         | 1.48%           | 0.095%        |
| 14        | 10.091      | 2572          | 2587        | 2598         | rBV      | 954713         | 1746210       | 91.43%          | 5.850%        |
| 15        | 10.156      | 2598          | 2607        | 2616         | rBV      | 171866         | 267306        | 14.00%          | 0.896%        |
| 16        | 10.310      | 2643          | 2655        | 2667         | rBV4     | 16337          | 30488         | 1.60%           | 0.102%        |
| 17        | 10.606      | 2738          | 2747        | 2768         | rVB3     | 26827          | 55792         | 2.92%           | 0.187%        |
| 18        | 11.069      | 2881          | 2891        | 2900         | rVB2     | 12918          | 22847         | 1.20%           | 0.077%        |
| 19        | 11.140      | 2900          | 2913        | 2928         | rVB      | 48265          | 86029         | 4.50%           | 0.288%        |
| 20        | 11.252      | 2938          | 2948        | 2962         | rBV      | 57417          | 108539        | 5.68%           | 0.364%        |
| 21        | 11.406      | 2982          | 2996        | 3013         | rBV      | 815547         | 1397916       | 73.20%          | 4.683%        |
| 22        | 11.500      | 3014          | 3025        | 3037         | rBV4     | 107702         | 229126        | 12.00%          | 0.768%        |
| 23        | 11.619      | 3050          | 3062        | 3086         | rVB2     | 220121         | 440297        | 23.05%          | 1.475%        |
| 24        | 11.947      | 3145          | 3164        | 3178         | rVB      | 285496         | 486336        | 25.47%          | 1.629%        |
| 25        | 12.152      | 3220          | 3228        | 3249         | rVB      | 41157          | 88312         | 4.62%           | 0.296%        |
| 26        | 12.249      | 3249          | 3258        | 3275         | rBV4     | 27308          | 67358         | 3.53%           | 0.226%        |
| 27        | 12.358      | 3281          | 3292        | 3294         | rBV2     | 18367          | 24259         | 1.27%           | 0.081%        |
| 28        | 12.400      | 3294          | 3305        | 3324         | rVB      | 583816         | 988136        | 51.74%          | 3.310%        |
| 29        | 12.496      | 3326          | 3335        | 3347         | rVV3     | 21018          | 39435         | 2.06%           | 0.132%        |
| 30        | 12.593      | 3357          | 3365        | 3374         | rBV2     | 57644          | 96058         | 5.03%           | 0.322%        |
| 31        | 12.654      | 3374          | 3384        | 3390         | rBV      | 353734         | 573462        | 30.03%          | 1.921%        |
| 32        | 12.731      | 3401          | 3408        | 3419         | rVB2     | 296389         | 469757        | 24.60%          | 1.574%        |
| 33        | 12.889      | 3445          | 3457        | 3470         | rBV      | 318129         | 530827        | 27.79%          | 1.778%        |
| 34        | 13.040      | 3493          | 3504        | 3515         | rVB      | 695960         | 1101458       | 57.67%          | 3.690%        |

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 ClientSampleId :  
 VB44949

## 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\82N111418W.M  
 Title : SW846 8260

|    |        |      |      |      |      |        |         |         |        |
|----|--------|------|------|------|------|--------|---------|---------|--------|
| 35 | 13.165 | 3530 | 3543 | 3552 | rBV4 | 46418  | 100627  | 5.27%   | 0.337% |
| 36 | 13.233 | 3555 | 3564 | 3573 | rBV3 | 156014 | 258651  | 13.54%  | 0.867% |
| 37 | 13.284 | 3575 | 3580 | 3587 | rVB3 | 41100  | 55865   | 2.93%   | 0.187% |
| 38 | 13.342 | 3587 | 3598 | 3603 | rBV  | 637420 | 1055851 | 55.29%  | 3.537% |
| 39 | 13.541 | 3642 | 3660 | 3667 | rBV2 | 651159 | 1215495 | 63.64%  | 4.072% |
| 40 | 13.583 | 3667 | 3673 | 3690 | rVB2 | 319148 | 598188  | 31.32%  | 2.004% |
| 41 | 13.670 | 3691 | 3700 | 3708 | rBV2 | 109719 | 171534  | 8.98%   | 0.575% |
| 42 | 13.738 | 3713 | 3721 | 3731 | rVV  | 149734 | 237297  | 12.43%  | 0.795% |
| 43 | 13.802 | 3731 | 3741 | 3745 | rVV  | 170236 | 261808  | 13.71%  | 0.877% |
| 44 | 13.831 | 3746 | 3750 | 3759 | rVV  | 184563 | 247437  | 12.96%  | 0.829% |
| 45 | 13.889 | 3759 | 3768 | 3777 | rVV  | 294821 | 446041  | 23.36%  | 1.494% |
| 46 | 13.947 | 3778 | 3786 | 3792 | rVV  | 84864  | 134911  | 7.06%   | 0.452% |
| 47 | 13.995 | 3792 | 3801 | 3811 | rVB  | 372885 | 596838  | 31.25%  | 2.000% |
| 48 | 14.127 | 3833 | 3842 | 3850 | rBV2 | 125275 | 202891  | 10.62%  | 0.680% |
| 49 | 14.210 | 3860 | 3868 | 3873 | rBV  | 143272 | 220477  | 11.54%  | 0.739% |
| 50 | 14.246 | 3873 | 3879 | 3888 | rVV  | 255898 | 373124  | 19.54%  | 1.250% |
| 51 | 14.294 | 3888 | 3894 | 3900 | rVV3 | 71447  | 97136   | 5.09%   | 0.325% |
| 52 | 14.332 | 3902 | 3906 | 3913 | rVB2 | 46155  | 53149   | 2.78%   | 0.178% |
| 53 | 14.432 | 3931 | 3937 | 3942 | rBV3 | 47289  | 59967   | 3.14%   | 0.201% |
| 54 | 14.474 | 3942 | 3950 | 3959 | rVV  | 393657 | 646549  | 33.85%  | 2.166% |
| 55 | 14.522 | 3960 | 3965 | 3973 | rVB2 | 148921 | 213011  | 11.15%  | 0.714% |
| 56 | 14.593 | 3973 | 3987 | 3998 | rBV3 | 985176 | 1909812 | 100.00% | 6.398% |
| 57 | 14.647 | 3998 | 4004 | 4016 | rVB6 | 79646  | 145845  | 7.64%   | 0.489% |
| 58 | 14.741 | 4022 | 4033 | 4047 | rVB  | 868699 | 1373536 | 71.92%  | 4.602% |
| 59 | 14.850 | 4049 | 4067 | 4072 | rBV6 | 179214 | 413094  | 21.63%  | 1.384% |
| 60 | 14.956 | 4090 | 4100 | 4112 | rVB3 | 216059 | 461815  | 24.18%  | 1.547% |
| 61 | 15.130 | 4136 | 4154 | 4163 | rBV3 | 91834  | 238188  | 12.47%  | 0.798% |
| 62 | 15.188 | 4163 | 4172 | 4181 | rVV  | 228176 | 392746  | 20.56%  | 1.316% |
| 63 | 15.258 | 4182 | 4194 | 4210 | rVV4 | 193803 | 625249  | 32.74%  | 2.095% |
| 64 | 15.329 | 4211 | 4216 | 4230 | rVB4 | 80537  | 127970  | 6.70%   | 0.429% |
| 65 | 15.416 | 4231 | 4243 | 4256 | rBV  | 181950 | 354006  | 18.54%  | 1.186% |
| 66 | 15.612 | 4283 | 4304 | 4320 | rVB  | 547179 | 1294427 | 67.78%  | 4.337% |
| 67 | 15.696 | 4325 | 4330 | 4341 | rVV7 | 47258  | 88690   | 4.64%   | 0.297% |
| 68 | 15.770 | 4342 | 4353 | 4375 | rVB4 | 132917 | 343001  | 17.96%  | 1.149% |
| 69 | 15.911 | 4384 | 4397 | 4418 | rBV  | 330582 | 702940  | 36.81%  | 2.355% |
| 70 | 16.101 | 4448 | 4456 | 4466 | rVB5 | 109493 | 194988  | 10.21%  | 0.653% |
| 71 | 16.159 | 4466 | 4474 | 4487 | rVB3 | 108518 | 207550  | 10.87%  | 0.695% |

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ALS Vial : 24 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VB44949

## 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\82N111418W.M  
Title : SW846 8260

|    |        |      |      |      |      |       |        |        |        |
|----|--------|------|------|------|------|-------|--------|--------|--------|
| 72 | 16.355 | 4522 | 4535 | 4545 | rBV5 | 95755 | 242781 | 12.71% | 0.813% |
| 73 | 16.487 | 4568 | 4576 | 4593 | rVB5 | 46723 | 112752 | 5.90%  | 0.378% |

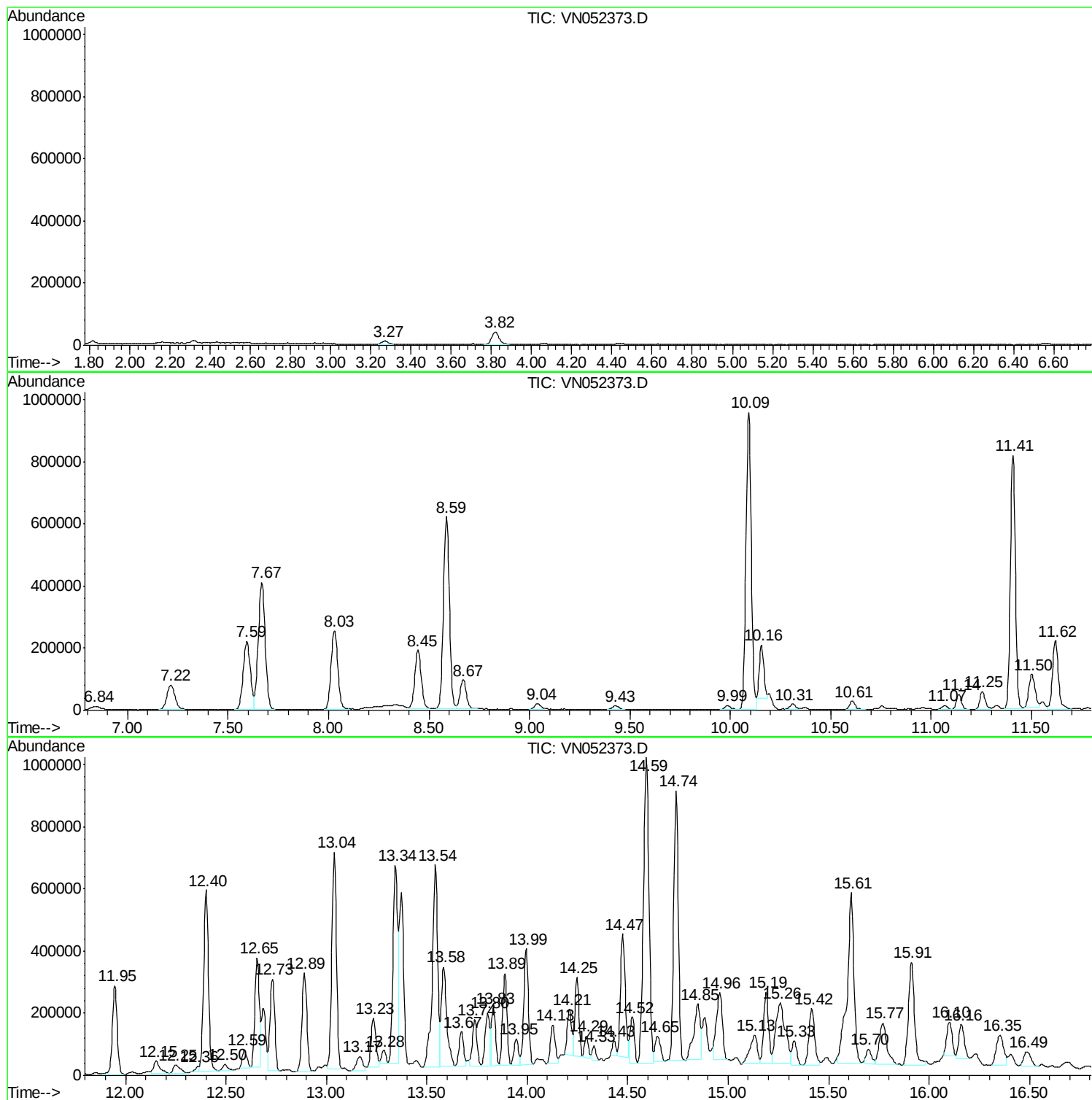
Sum of corrected areas: 29849181

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111618\  
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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111618\  
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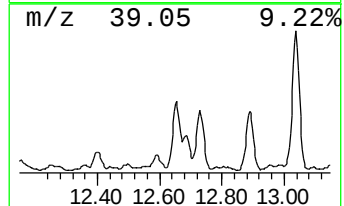
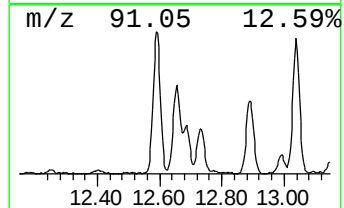
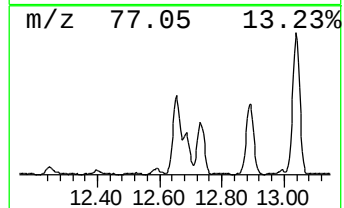
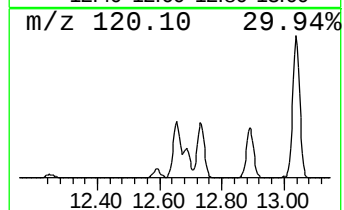
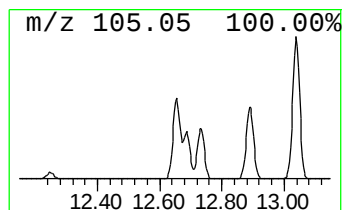
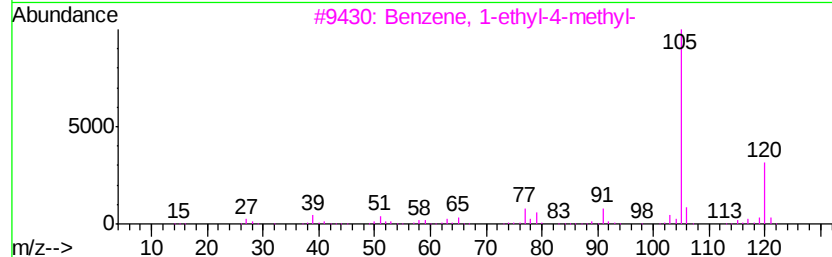
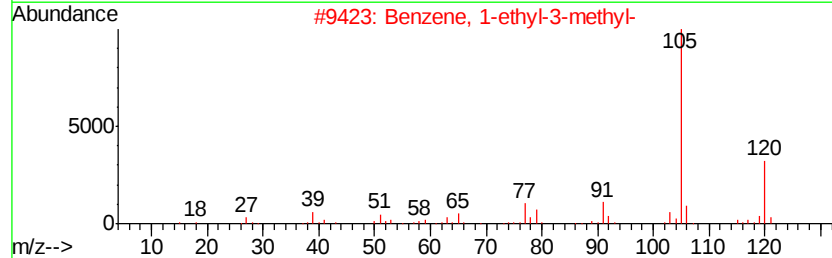
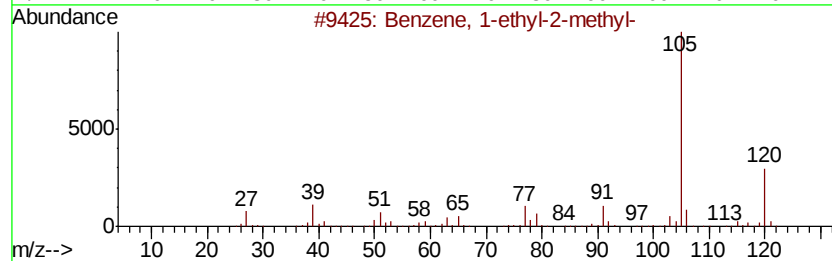
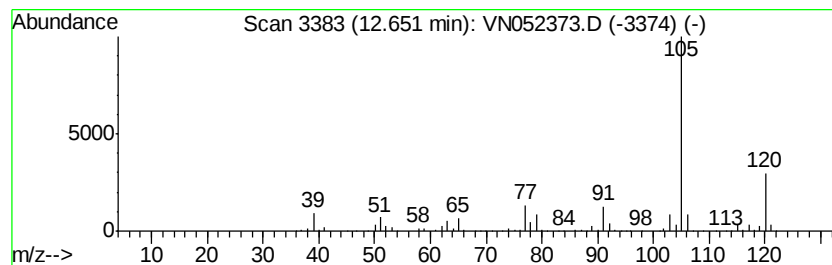
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260

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

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Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 9

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 12.65 | 27.16 ug/l | 573462 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# | of | Tentative ID               | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, 1-ethyl-2-methyl- | 120 | C9H12   | 000611-14-3 | 95   |
| 2    |    | Benzene, 1-ethyl-3-methyl- | 120 | C9H12   | 000620-14-4 | 94   |
| 3    |    | Benzene, 1-ethyl-4-methyl- | 120 | C9H12   | 000622-96-8 | 91   |
| 4    |    | Benzene, 1,2,4-trimethyl-  | 120 | C9H12   | 000095-63-6 | 91   |
| 5    |    | Mesitylene                 | 120 | C9H12   | 000108-67-8 | 91   |



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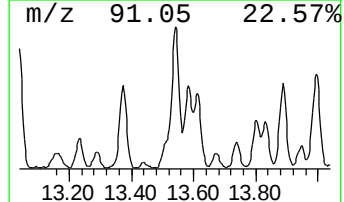
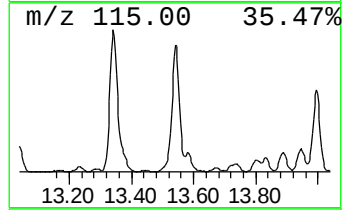
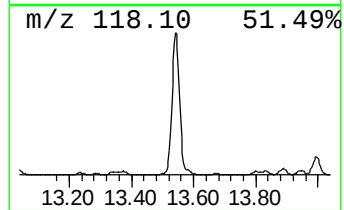
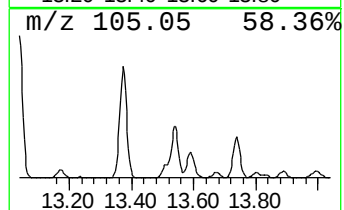
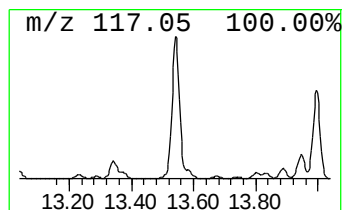
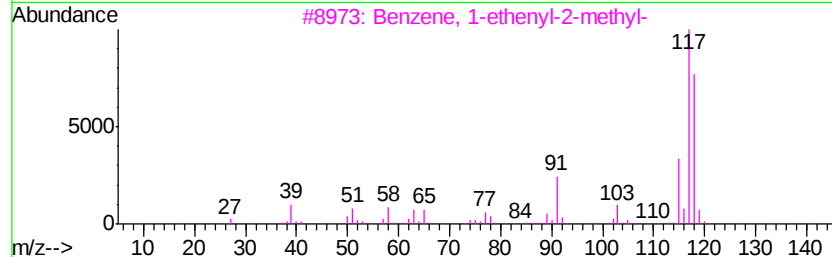
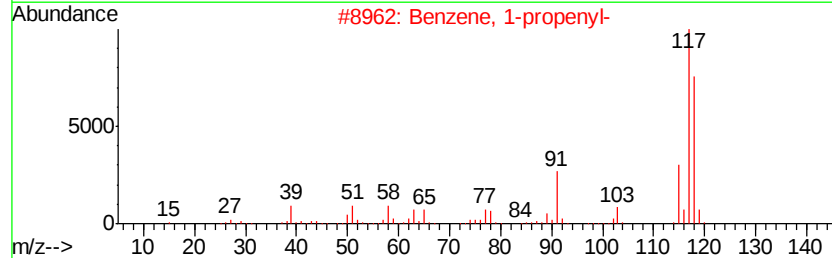
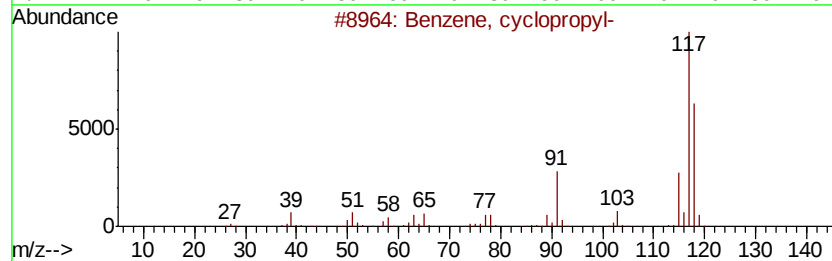
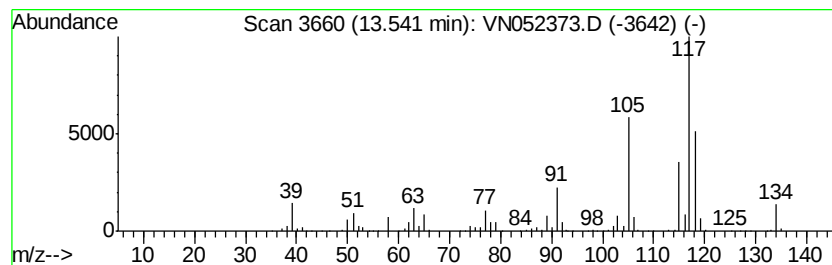
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 3 Benzene, cyclopropyl- Concentration Rank 4

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 13.54 | 57.56 ug/l | 1215500 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# | of | Tentative ID                 | MW  | MolForm | CAS#        | Qual |
|------|----|------------------------------|-----|---------|-------------|------|
| 1    | 5  | Benzene, cvclopropyl-        | 118 | C9H10   | 000873-49-4 | 94   |
| 2    |    | Benzene, 1-propenyl-         | 118 | C9H10   | 000637-50-3 | 93   |
| 3    |    | Benzene, 1-ethenyl-2-methyl- | 118 | C9H10   | 000611-15-4 | 76   |
| 4    |    | Benzene, 1-ethenyl-4-methyl- | 118 | C9H10   | 000622-97-9 | 70   |
| 5    |    | Indane                       | 118 | C9H10   | 000496-11-7 | 70   |



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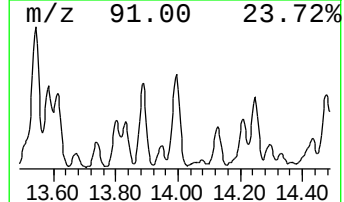
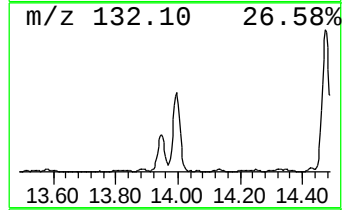
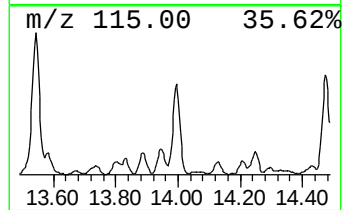
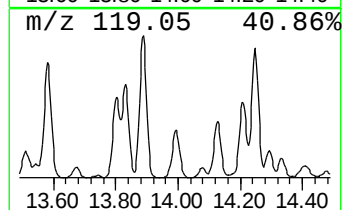
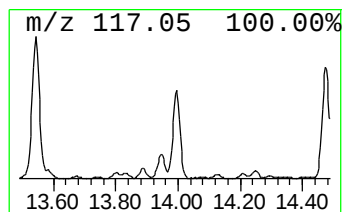
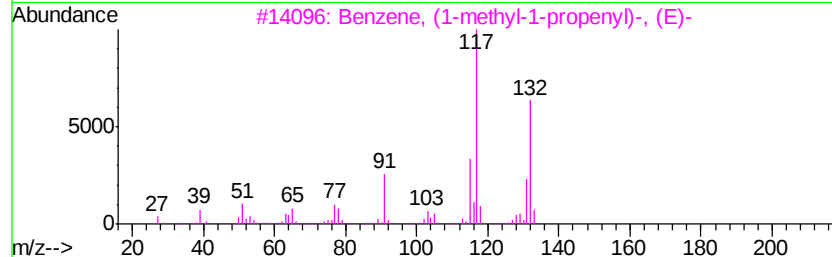
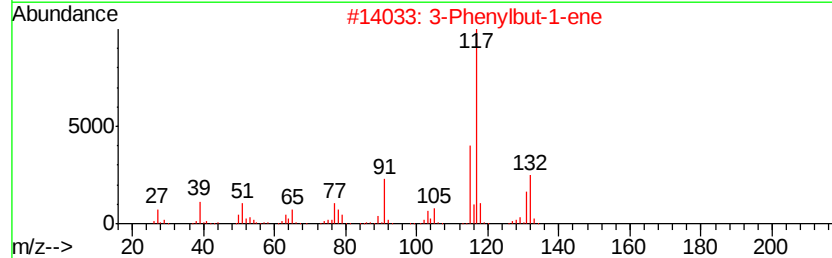
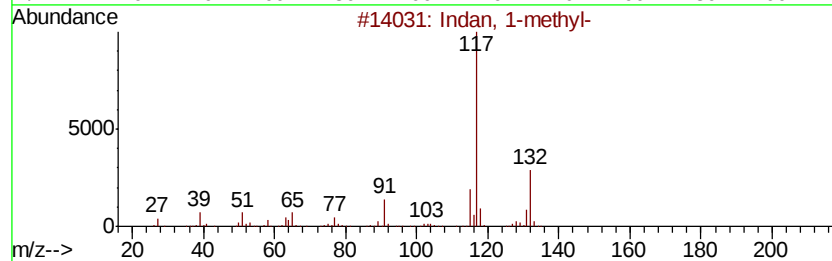
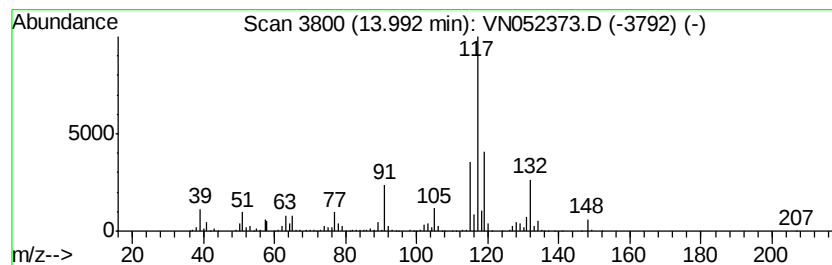
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260

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

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Peak Number 4 Indan, 1-methyl- Concentration Rank 8

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 13.99 | 28.26 ug/l | 596838 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Indan, 1-methyl-                    | 132 | C10H12  | 000767-58-8 | 91   |
| 2    |    | 3-Phenylbut-1-ene                   | 132 | C10H12  | 000934-10-1 | 70   |
| 3    |    | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 70   |
| 4    |    | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 70   |
| 5    |    | Benzene, 1-ethenyl-3-ethyl-         | 132 | C10H12  | 007525-62-4 | 62   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\  
Data File : VN052373.D  
Acq On : 16 Nov 2018 19:00  
Operator : MD\SY  
Sample : J5975-03  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 24 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260

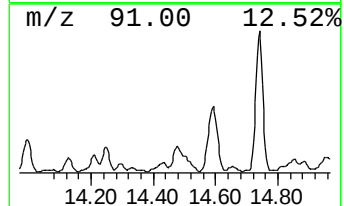
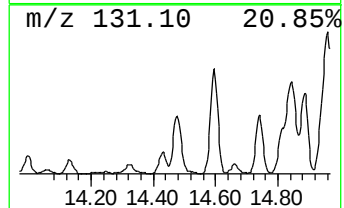
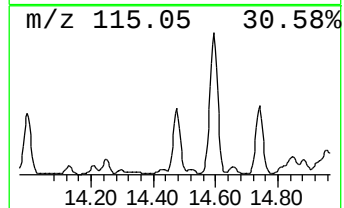
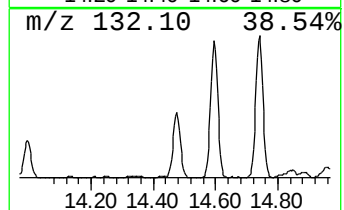
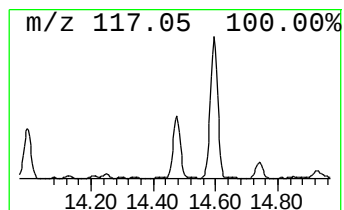
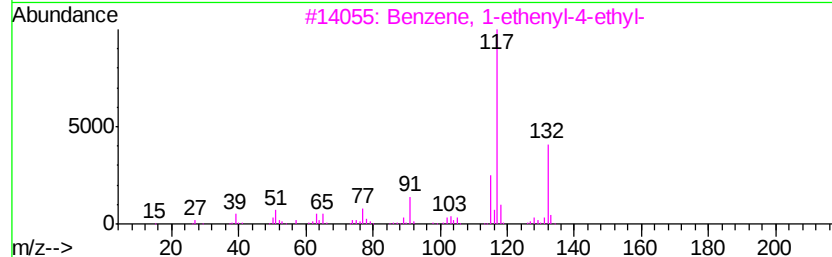
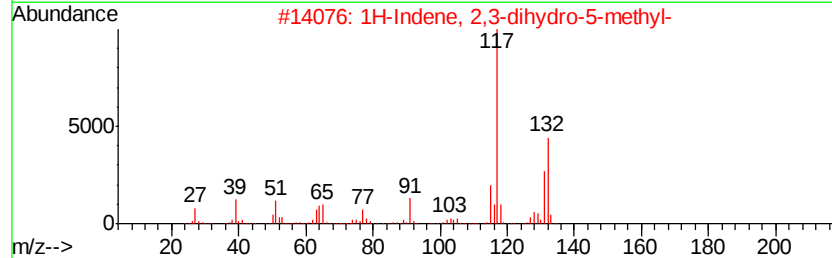
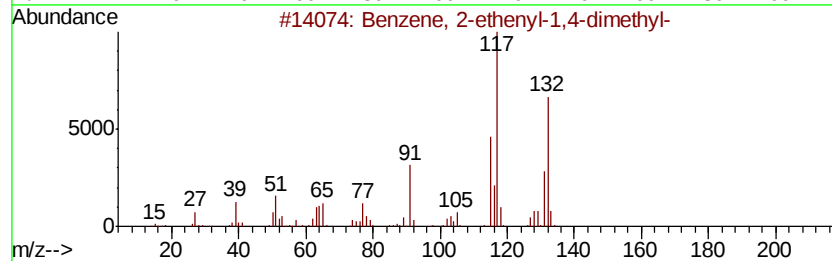
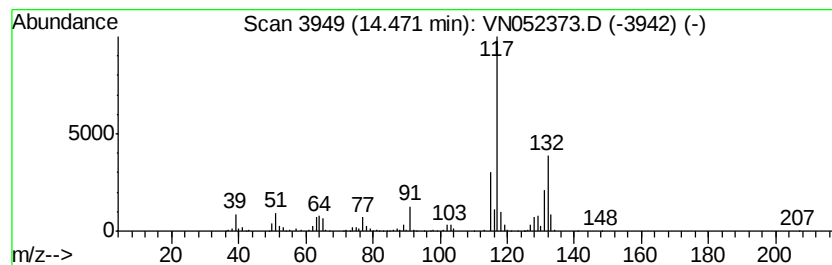
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

| R.T.  | EstConc    | Area   | Relative to ISTD       | R.T.  |
|-------|------------|--------|------------------------|-------|
| 14.47 | 30.62 ug/l | 646549 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|---------|-------------------------------------|-----|---------|-------------|------|
| 1       | Benzene, 2-ethenyl-1,4-dimethyl-    | 132 | C10H12  | 002039-89-6 | 96   |
| 2       | 1H-Indene, 2,3-dihydro-5-methyl-    | 132 | C10H12  | 000874-35-1 | 93   |
| 3       | Benzene, 1-ethenyl-4-ethyl-         | 132 | C10H12  | 003454-07-7 | 93   |
| 4       | Benzene, (1-methyl-1-propenyl)-,... | 132 | C10H12  | 000768-00-3 | 91   |
| 5       | 1-Phenyl-1-butene                   | 132 | C10H12  | 000824-90-8 | 90   |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111618\  
Data File : VN052373.D  
Acq On : 16 Nov 2018 19:00  
Operator : MD\SY  
Sample : J5975-03  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 24 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VB44949

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260

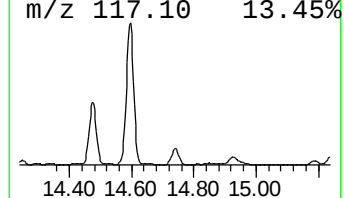
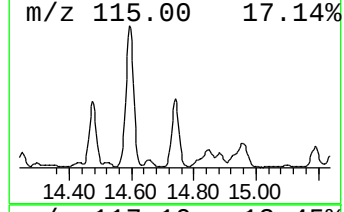
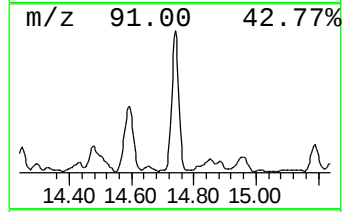
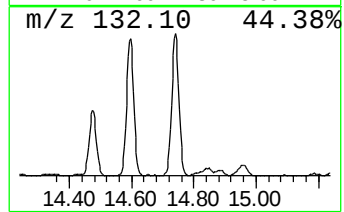
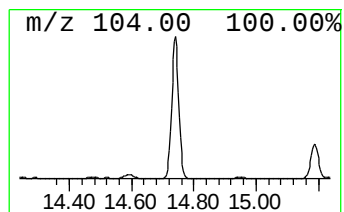
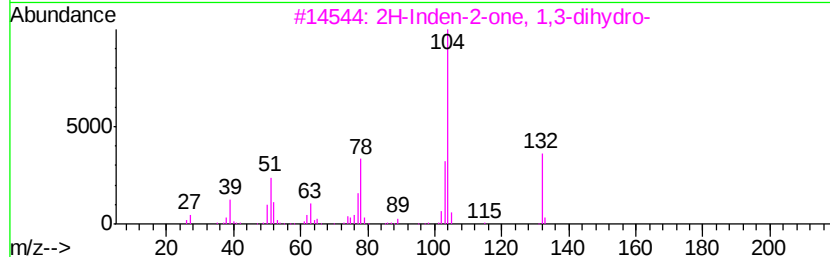
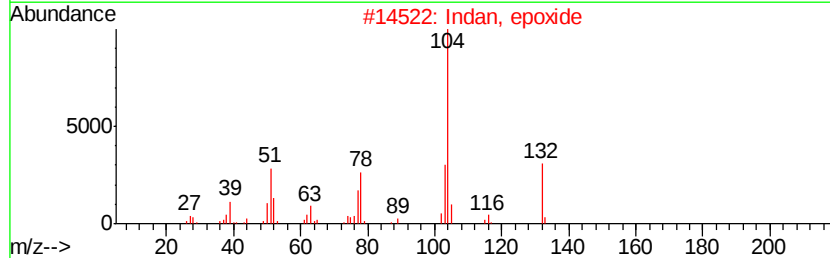
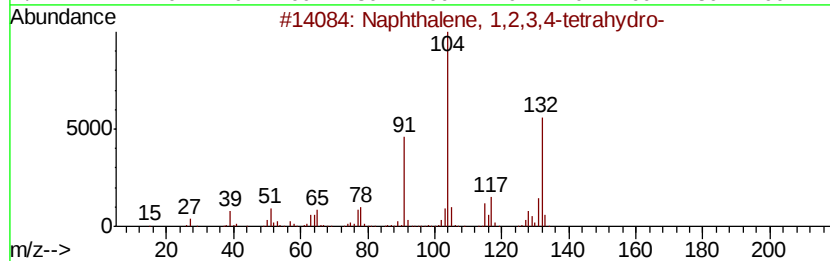
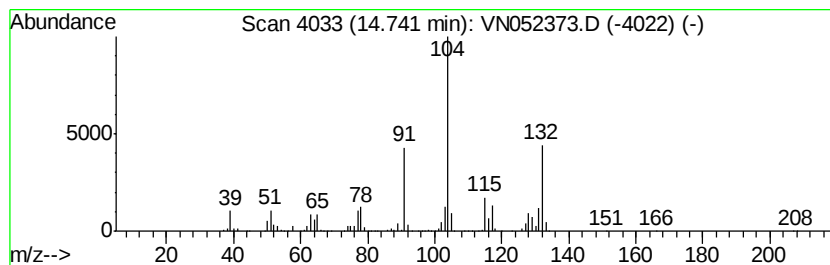
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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

| R.T.  | EstConc    | Area    | Relative to ISTD       | R.T.  |
|-------|------------|---------|------------------------|-------|
| 14.74 | 65.04 ug/l | 1373540 | 1,4-Dichlorobenzene-d4 | 13.34 |

| Hit# of | 5 | Tentative ID                     | MW  | MolForm | CAS#        | Qual |
|---------|---|----------------------------------|-----|---------|-------------|------|
| 1       |   | Naphthalene, 1,2,3,4-tetrahydro- | 132 | C10H12  | 000119-64-2 | 96   |
| 2       |   | Indan, epoxide                   | 132 | C9H8O   | 000768-22-9 | 62   |
| 3       |   | 2H-Inden-2-one, 1,3-dihydro-     | 132 | C9H8O   | 000615-13-4 | 58   |
| 4       |   | Benzene, cyclobutyl-             | 132 | C10H12  | 004392-30-7 | 53   |
| 5       |   | 2-Methylbenzyl cyanide           | 131 | C9H9N   | 022364-68-7 | 46   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\  
Data File : VN052373.D  
Acq On : 16 Nov 2018 19:00  
Operator : MD\SY  
Sample : J5975-03  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 24 Sample Multiplier: 28

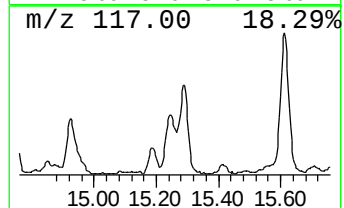
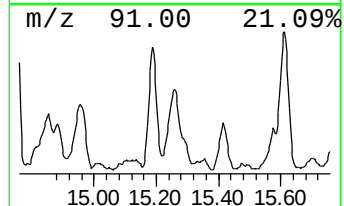
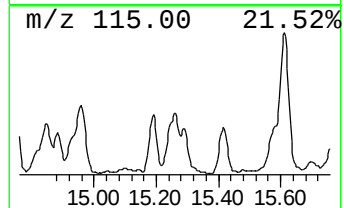
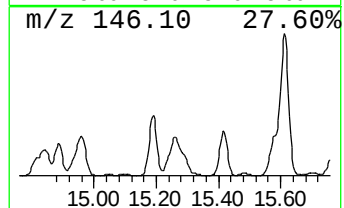
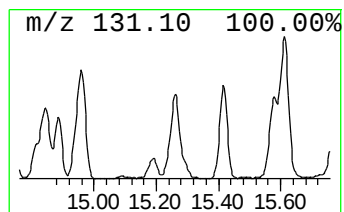
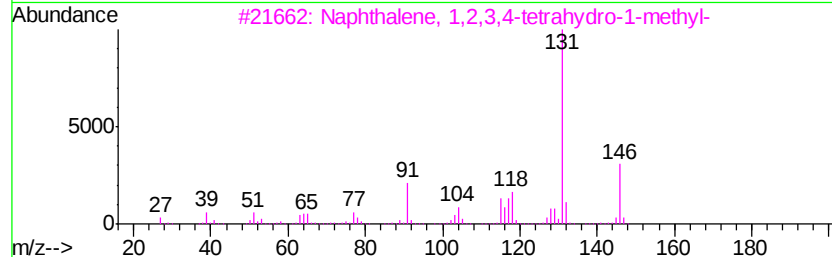
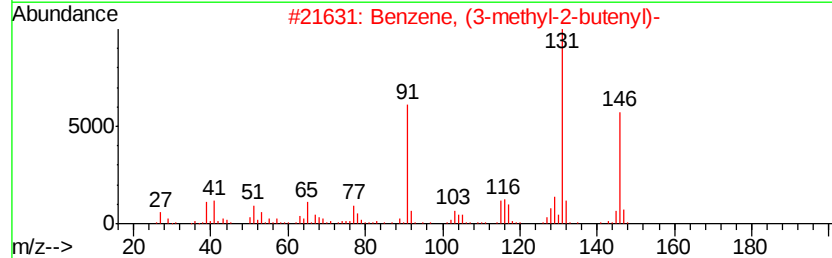
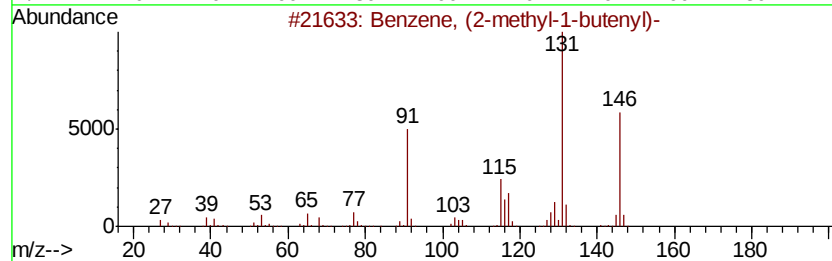
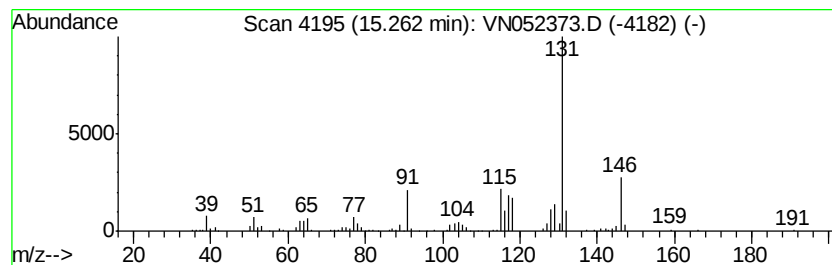
Instrument :  
MSVOA\_N  
ClientSampleId :  
VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260

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

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Peak Number 8 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 15.26   | 29.61 ug/l | 625249                              | 1,4-Dichlorobenzene-d4 | 13.34          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | Benzene, (2-methyl-1-butenyl)-      | 146 C11H14             | 056253-64-6 96 |
| 2       |            | Benzene, (3-methyl-2-butenyl)-      | 146 C11H14             | 004489-84-3 94 |
| 3       |            | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 001559-81-5 91 |
| 4       |            | 2,2-Dimethylindene, 2,3-dihydro-    | 146 C11H14             | 020836-11-7 87 |
| 5       |            | 1H-Indene, 2,3-dihydro-1,2-dimet... | 146 C11H14             | 017057-82-8 87 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111618\  
Data File : VN052373.D  
Acq On : 16 Nov 2018 19:00  
Operator : MD\SY  
Sample : J5975-03  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 24 Sample Multiplier: 28

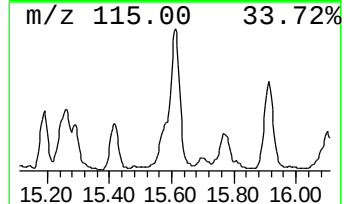
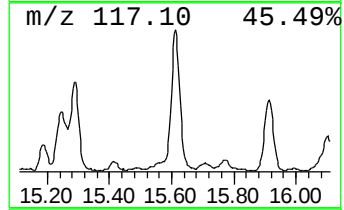
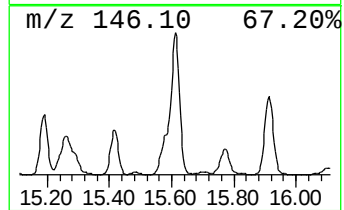
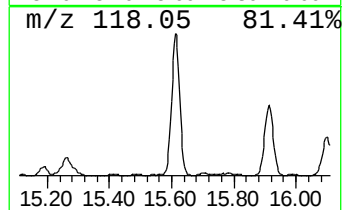
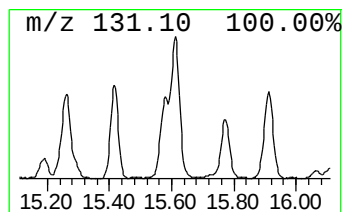
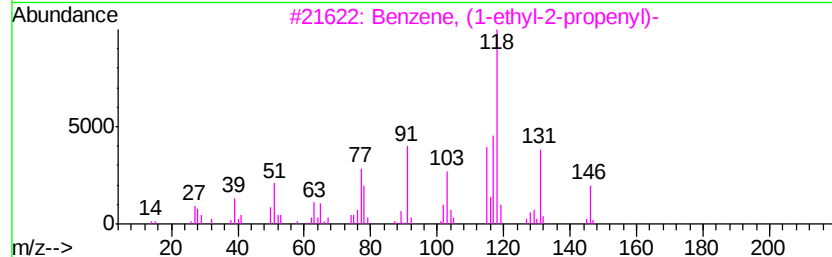
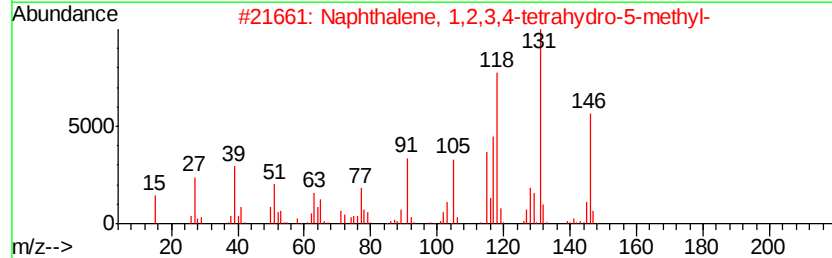
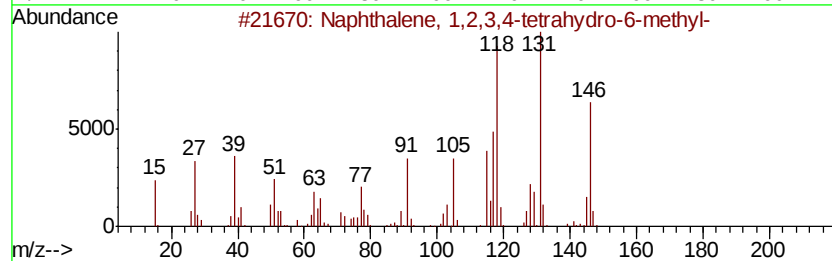
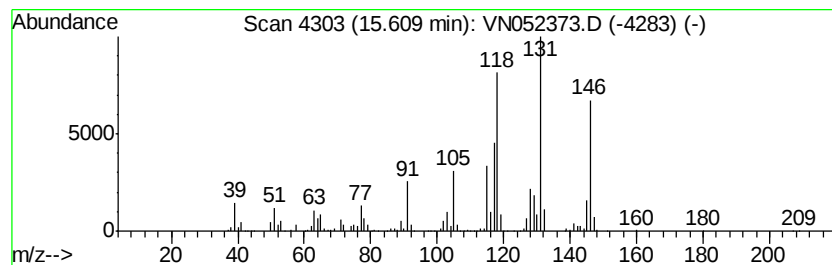
Instrument :  
MSVOA\_N  
ClientSampleId :  
VB44949

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260

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

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Peak Number 9 Naphthalene, 1,2,3,4-tetra... Concentration Rank 3

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.           |
|---------|------------|-------------------------------------|------------------------|----------------|
| 15.61   | 61.30 ug/l | 1294430                             | 1,4-Dichlorobenzene-d4 | 13.34          |
| Hit# of | 5          | Tentative ID                        | MW MolForm             | CAS# Qual      |
| 1       |            | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 001680-51-9 96 |
| 2       |            | Naphthalene, 1,2,3,4-tetrahydro-... | 146 C11H14             | 002809-64-5 95 |
| 3       |            | Benzene, (1-ethyl-2-propenyl)-      | 146 C11H14             | 019947-22-9 81 |
| 4       |            | Benzene, 2-ethenyl-1,3,5-trimethyl- | 146 C11H14             | 000769-25-5 78 |
| 5       |            | Benzene, (1-methyl-1-butenyl)-      | 146 C11H14             | 053172-84-2 60 |



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111618\  
Data File : VN052373.D  
Acq On : 16 Nov 2018 19:00  
Operator : MD\SY  
Sample : J5975-03  
Misc : 5.00mL/MSVOA N/WATER  
ALS Vial : 24 Sample Multiplier: 28

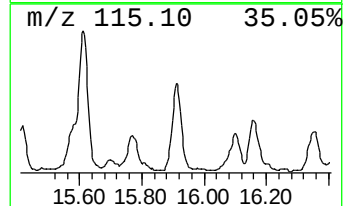
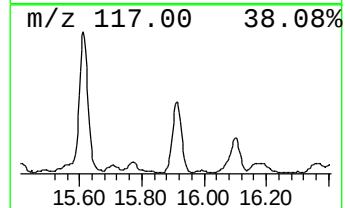
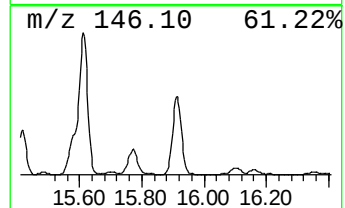
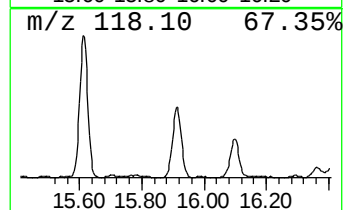
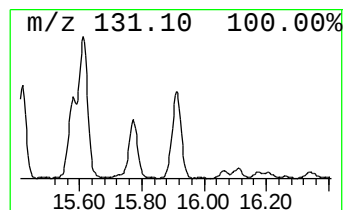
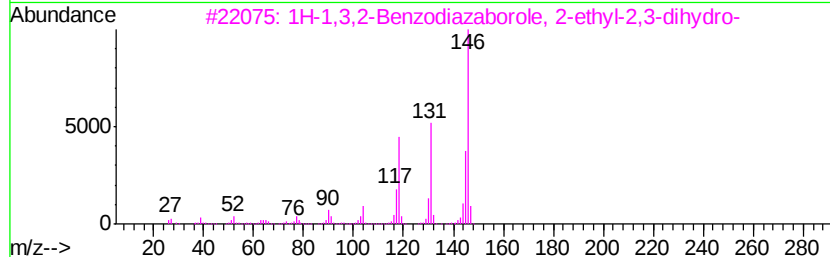
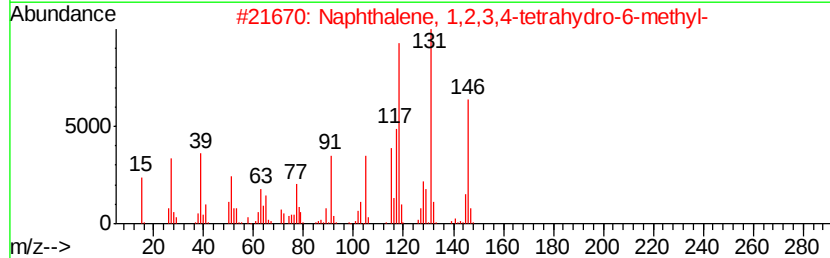
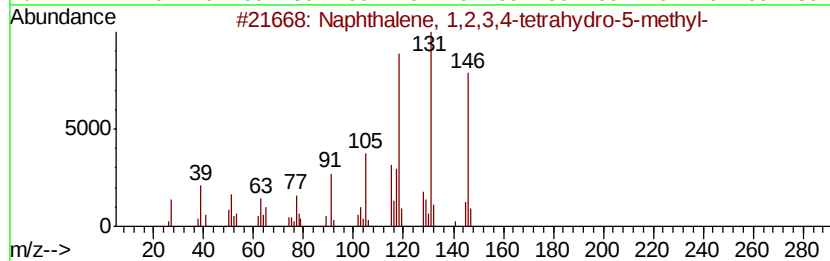
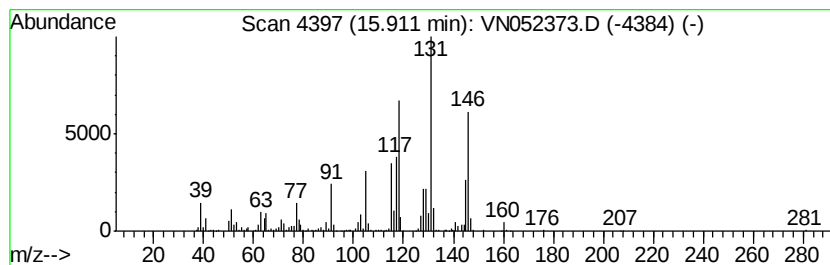
Instrument :  
MSVOA\_N  
ClientSampleId :  
VB44949

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.M  
Quant Title : SW846 8260

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

\*\*\*\*\*  
Peak Number 10 Naphthalene, 1,2,3,4-tetra... Concentration Rank 5

| R.T.    | EstConc    | Area                                | Relative to ISTD       | R.T.     |             |      |
|---------|------------|-------------------------------------|------------------------|----------|-------------|------|
| 15.91   | 33.29 ug/l | 702940                              | 1,4-Dichlorobenzene-d4 | 13.34    |             |      |
| Hit# of | 5          | Tentative ID                        | MW                     | MolForm  | CAS#        | Qual |
| 1       |            | Naphthalene, 1,2,3,4-tetrahydro-... | 146                    | C11H14   | 002809-64-5 | 95   |
| 2       |            | Naphthalene, 1,2,3,4-tetrahydro-... | 146                    | C11H14   | 001680-51-9 | 95   |
| 3       |            | 1H-1,3,2-Benzodiazaborole, 2-eth... | 146                    | C8H11BN2 | 074663-81-3 | 90   |
| 4       |            | 2-Propyn-1-ol, 3-(4-methylphenyl)-  | 146                    | C10H10O  | 016017-24-6 | 74   |
| 5       |            | 1H-Indene, 2,3-dihydro-4,7-dimet... | 146                    | C11H14   | 006682-71-9 | 64   |



Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_N\DATA\VN111618\  
Data File : VN052373.D  
Acq On : 16 Nov 2018 19:00  
Operator : MD\SY  
Sample : J5975-03  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VB44949

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_N\METHODS\82N111418W.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 |
| Benzene, 1-ethyl-... | 12.65 | 27.2    | ug/l  | 573462   | 4                     | 13.34 | 1055850 | 50.0 |
| Benzene, cyclopro... | 13.54 | 57.6    | ug/l  | 1215500  | 4                     | 13.34 | 1055850 | 50.0 |
| Indan, 1-methyl-     | 13.99 | 28.3    | ug/l  | 596838   | 4                     | 13.34 | 1055850 | 50.0 |
| Benzene, 2-etheny... | 14.47 | 30.6    | ug/l  | 646549   | 4                     | 13.34 | 1055850 | 50.0 |
| Naphthalene, 1,2,... | 14.74 | 65.0    | ug/l  | 1373540  | 4                     | 13.34 | 1055850 | 50.0 |
| Benzene, (2-methy... | 15.26 | 29.6    | ug/l  | 625249   | 4                     | 13.34 | 1055850 | 50.0 |
| Naphthalene, 1,2,... | 15.61 | 61.3    | ug/l  | 1294430  | 4                     | 13.34 | 1055850 | 50.0 |
| Naphthalene, 1,2,... | 15.91 | 33.3    | ug/l  | 702940   | 4                     | 13.34 | 1055850 | 50.0 |